

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117137.D
 Acq On : 18 Sep 2019 10:15
 Operator : HP/JU
 Sample : PB123129BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 13:27:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	72167	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	299823	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	155097	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	245575	20.00	ng	0.00
76) Chrysene-d12	13.97	240	155042	20.00	ng	0.00
87) Perylene-d12	15.42	264	115302	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	470980	101.89	ng	0.02
7) Phenol-d6	6.47	99	613746	102.74	ng	0.01
23) Nitrobenzene-d5	7.39	82	369719	64.79	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	141250	108.97	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	655760	66.11	ng	0.00
79) Terphenyl-d14	12.91	244	594345	71.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.66	88	75170	38.863	ng	98
3) Pyridine	3.40	79	173958	32.858	ng	98
4) n-Nitrosodimethylamine	3.35	42	66154	36.412	ng	100
6) Aniline	6.49	93	233727	30.389	ng	# 88
8) 2-Chlorophenol	6.62	128	206474	41.405	ng	96
9) Benzaldehyde	6.37	77	126707	43.206	ng	98
10) Phenol	6.48	94	260582	39.568	ng	91
11) bis(2-Chloroethyl)ether	6.56	93	191907	39.649	ng	99
12) 1,3-Dichlorobenzene	6.76	146	215949	38.592	ng	99
13) 1,4-Dichlorobenzene	6.84	146	224344	39.286	ng	99
14) 1,2-Dichlorobenzene	6.99	146	206475	38.835	ng	97
15) Benzyl Alcohol	6.97	79	186270	40.661	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	183470	38.367	ng	90
17) 2-Methylphenol	7.08	107	169206	40.487	ng	95
18) Hexachloroethane	7.33	117	84838	38.618	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	150012	41.239	ng	94
20) 3+4-Methylphenols	7.23	107	212182	40.759	ng	96
22) Acetophenone	7.23	105	301619	39.595	ng	98
24) Nitrobenzene	7.40	77	225578	40.030	ng	98
25) Isophorone	7.65	82	411081	40.687	ng	99
26) 2-Nitrophenol	7.72	139	105809	43.713	ng	96
27) 2,4-Dimethylphenol	7.76	122	180568	47.042	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	243396	39.101	ng	99
29) 2,4-Dichlorophenol	7.96	162	167991	41.768	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	167810	38.619	ng	98
31) Naphthalene	8.13	128	584984	40.569	ng	99
32) Benzoic acid	7.89	122	86461	32.327	ng	98
33) 4-Chloroaniline	8.17	127	156488	24.468	ng	99
34) Hexachlorobutadiene	8.25	225	95242	38.634	ng	98
35) Caprolactam	8.55	113	35453	26.043	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	193284	41.215	ng	99
37) 2-Methylnaphthalene	8.82	142	400184	41.213	ng	98
38) 1-Methylnaphthalene	8.92	142	380236	41.811	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	157761	39.391	ng	98

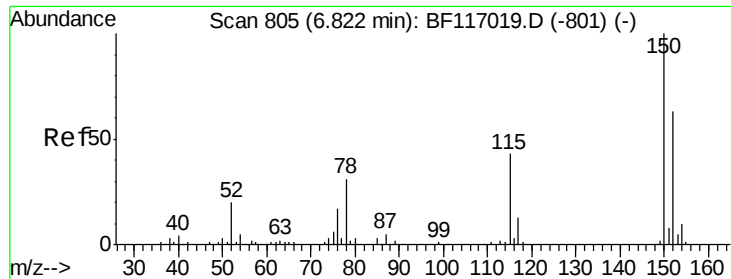
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
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 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	135929	77.098	ng	96
43) 2,4,6-Trichlorophenol	9.09	196	109171	40.167	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	118698	40.876	ng	97
46) 1,1'-Biphenyl	9.27	154	473559	38.925	ng	99
47) 2-Chloronaphthalene	9.30	162	365131	38.029	ng	99
48) 2-Nitroaniline	9.40	65	118274	38.405	ng	96
49) Acenaphthylene	9.72	152	583848	40.592	ng	99
50) Dimethylphthalate	9.57	163	428446	39.015	ng	99
51) 2,6-Dinitrotoluene	9.64	165	94028	42.040	ng	94
52) Acenaphthene	9.89	154	332940	39.049	ng	99
53) 3-Nitroaniline	9.81	138	77262	27.379	ng	98
54) 2,4-Dinitrophenol	9.92	184	71040	74.297	ng	97
55) Dibenzofuran	10.06	168	507160	40.315	ng	97
56) 4-Nitrophenol	9.98	139	126628	69.236	ng	96
57) 2,4-Dinitrotoluene	10.05	165	126124	43.442	ng	97
58) Fluorene	10.40	166	409468	40.407	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.14	232	79995	35.999	ng	92
60) Diethylphthalate	10.27	149	430415	39.838	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	179030	40.833	ng	97
62) 4-Nitroaniline	10.42	138	110393	37.617	ng	97
63) Azobenzene	10.55	77	442994	40.146	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	50356	45.434	ng	89
66) n-Nitrosodiphenylamine	10.51	169	358651	42.288	ng	98
67) 4-Bromophenyl-phenylether	10.88	248	103421	41.238	ng	93
68) Hexachlorobenzene	10.95	284	109581	39.949	ng	94
69) Atrazine	11.03	200	98269	47.176	ng	99
70) Pentachlorophenol	11.15	266	102162	79.454	ng	99
71) Phenanthrene	11.36	178	566477	40.612	ng	100
72) Anthracene	11.42	178	587504	41.256	ng	97
73) Carbazole	11.57	167	550000	40.689	ng	99
74) Di-n-butylphthalate	11.89	149	665445	41.377	ng	99
75) Fluoranthene	12.54	202	558478	38.967	ng	99
77) Benzidine	12.66	184	207492	41.546	ng	99
78) Pyrene	12.77	202	561916	43.194	ng	100
80) Butylbenzylphthalate	13.38	149	257687	41.920	ng	98
81) Benzo(a)anthracene	13.96	228	406558	39.249	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	100231	30.027	ng	96
83) Chrysene	14.00	228	405572	40.144	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	343968	43.399	ng	98
85) Di-n-octyl phthalate	14.54	149	525200	42.102	ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	294314	39.930	ng	98
88) Benzo(b)fluoranthene	15.00	252	313485	44.885	ng	99
89) Benzo(k)fluoranthene	15.02	252	303195	45.827	ng	100
90) Benzo(a)pyrene	15.36	252	287894	46.974	ng	98
91) Dibenzo(a,h)anthracene	16.86	278	248582	50.914	ng	99
92) Benzo(g,h,i)perylene	17.29	276	234316	48.161	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

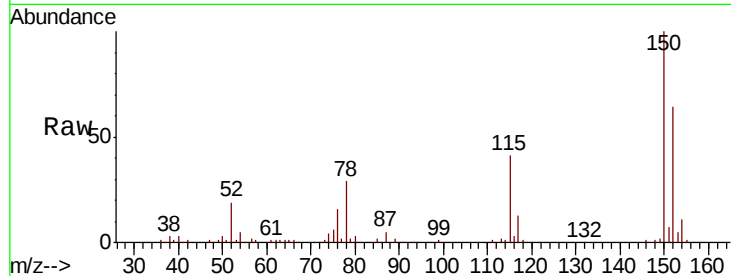


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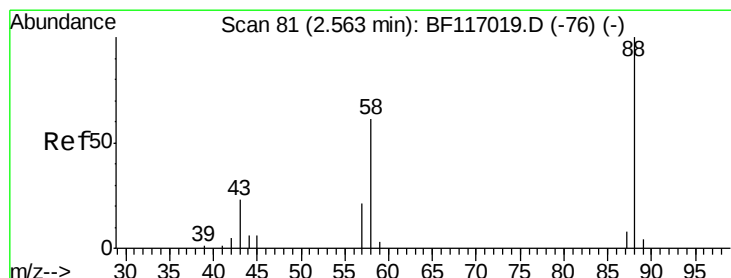
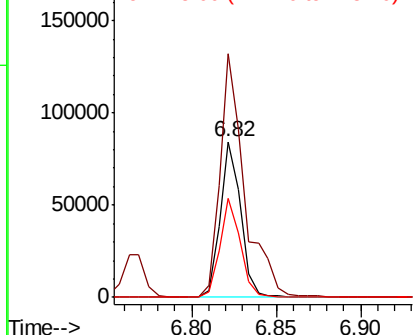
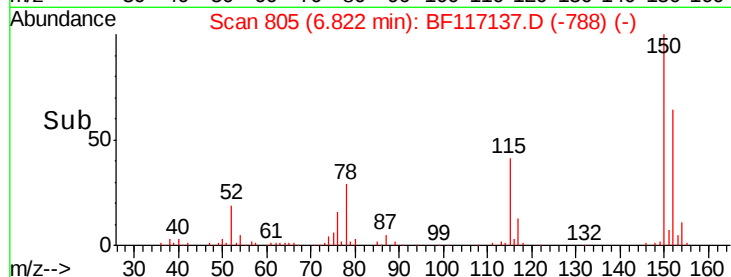
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 72167
Ion Ratio Lower Upper
152 100
150 156.6 127.5 191.3
115 63.7 55.0 82.4



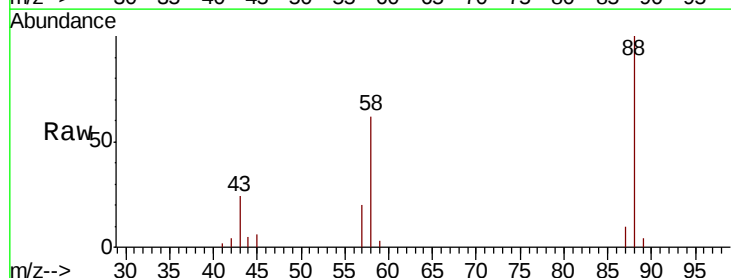
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



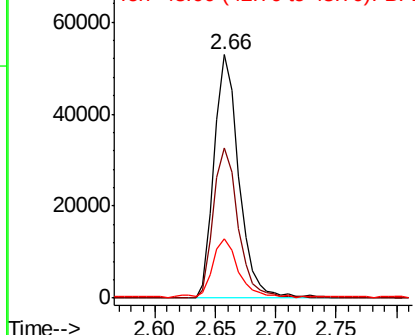
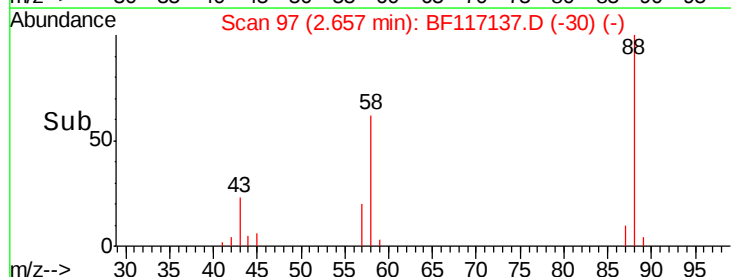
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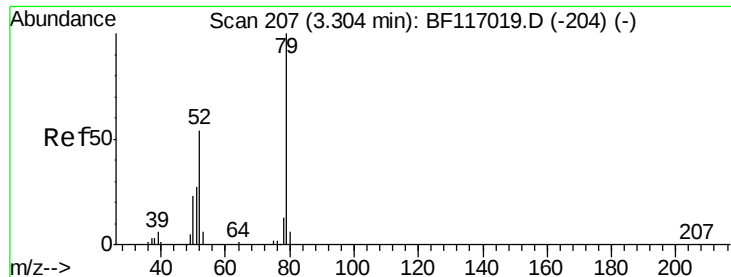
1,4-Dioxane
Concen: 38.863 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.09 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Tgt Ion: 88 Resp: 75170
Ion Ratio Lower Upper
88 100
58 61.8 49.3 73.9
43 26.4 18.8 28.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.858 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.10 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA_F

ClientSampleId :

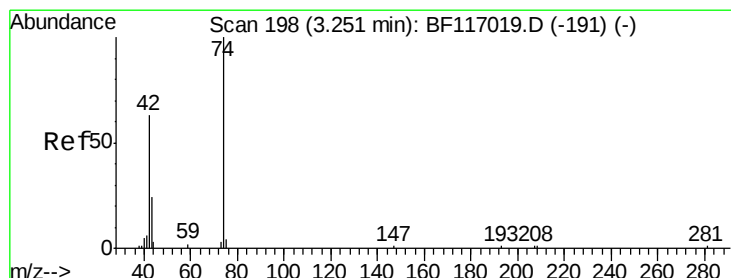
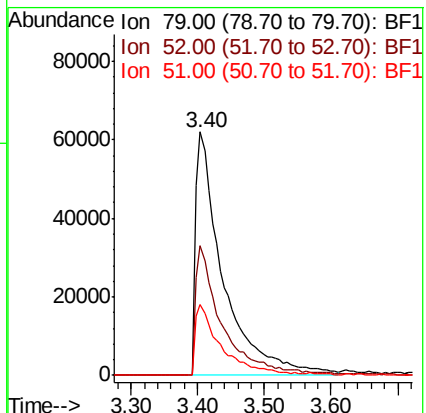
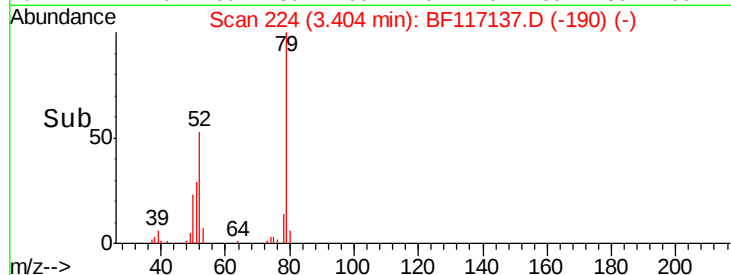
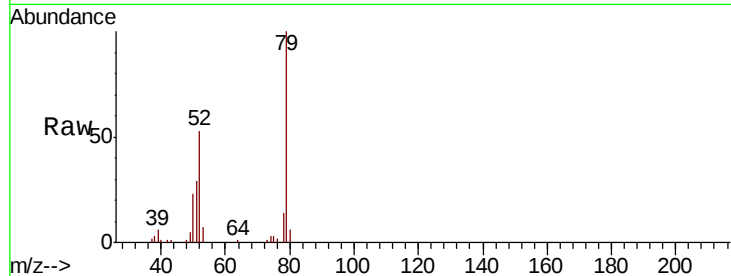
Tot Ion: 79 Resp: 173958

Ion Ratio Lower Upper

79 100

52 53.2 43.5 65.3

51 29.0 21.8 32.6



#4

n-Nitrosodimethylamine

Concen: 36.412 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.09 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

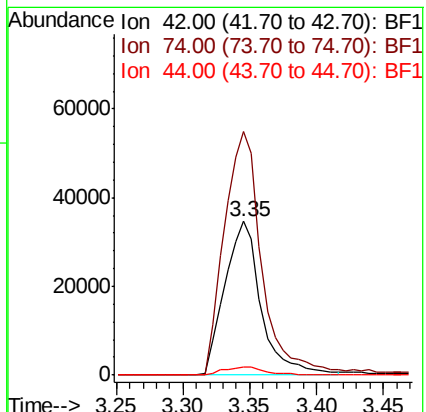
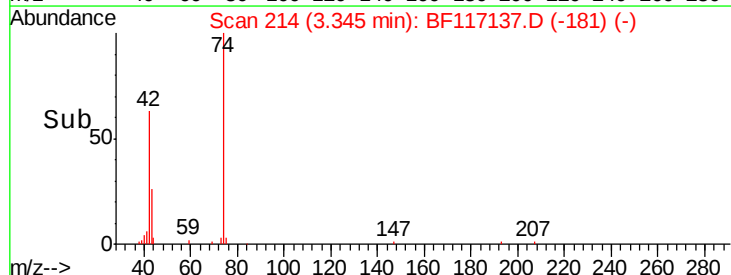
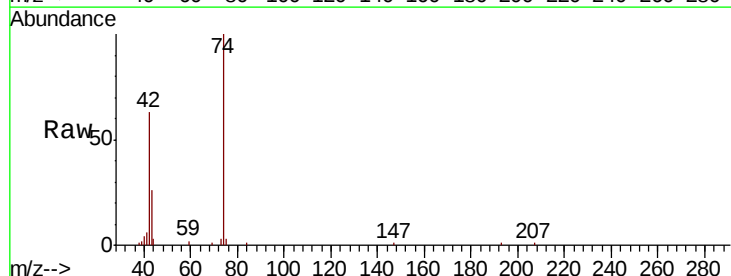
Tgt Ion: 42 Resp: 66154

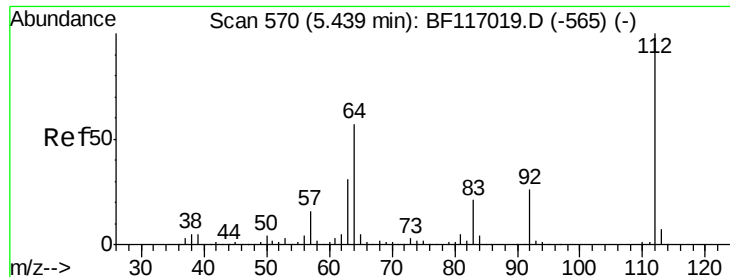
Ion Ratio Lower Upper

42 100

74 158.2 127.1 190.7

44 5.5 4.3 6.5





#5

2-Fluorophenol

Concen: 101.891 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA_F

ClientSampled :

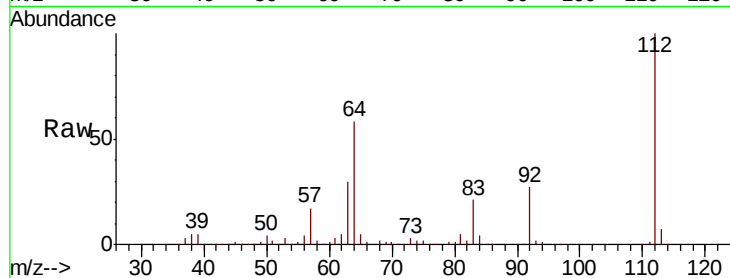
Tot Ion:112 Resp: 470980

Ion Ratio Lower Upper

112 100

64 57.9 45.7 68.5

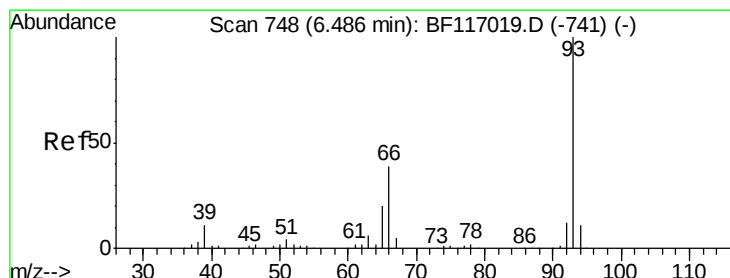
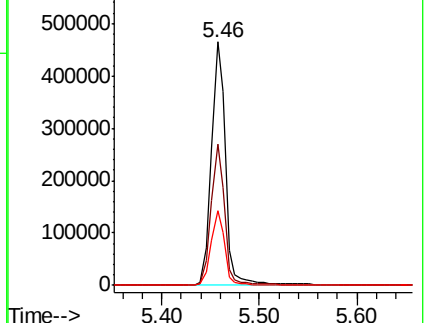
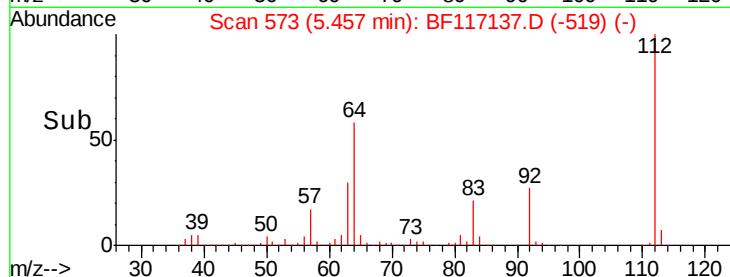
63 30.4 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.389 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

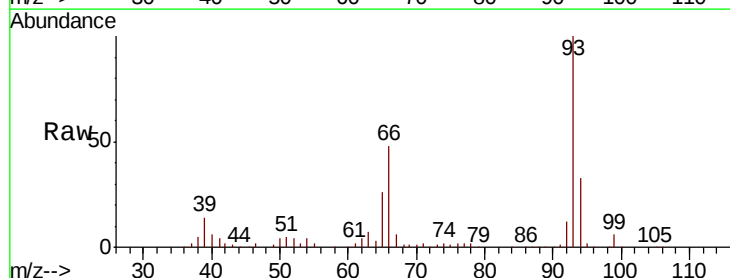
Tgt Ion: 93 Resp: 233727

Ion Ratio Lower Upper

93 100

66 48.3 32.6 49.0

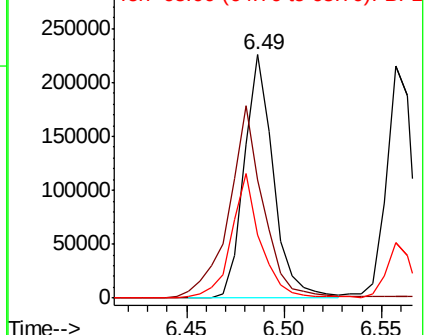
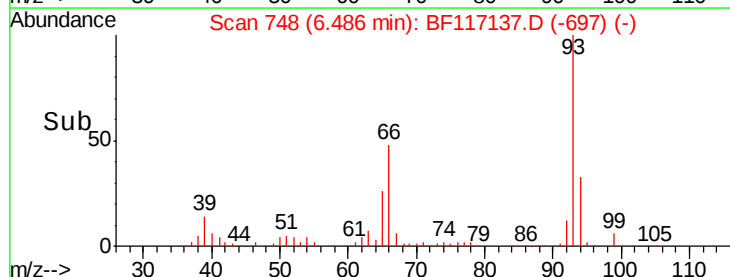
65 25.8 16.7 25.1#

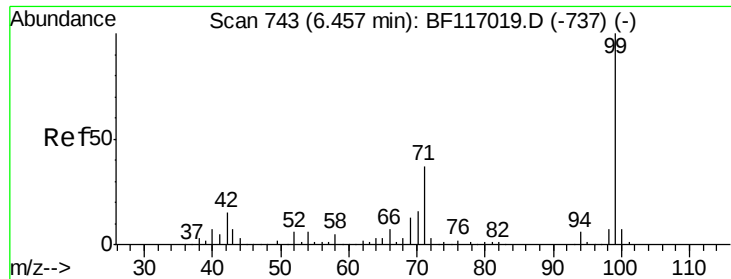


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.740 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA_F

ClientSampleId :

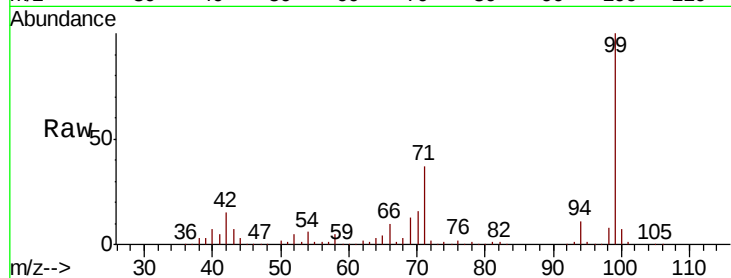
Tot Ion: 99 Resp: 613746

Ion Ratio Lower Upper

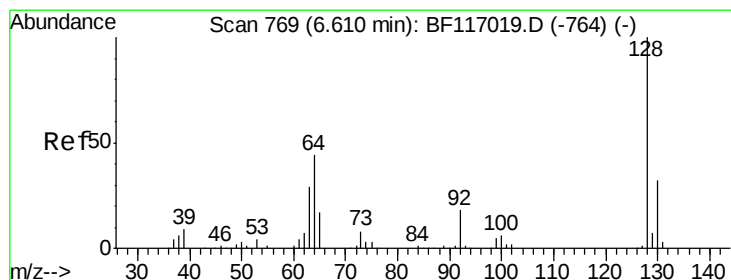
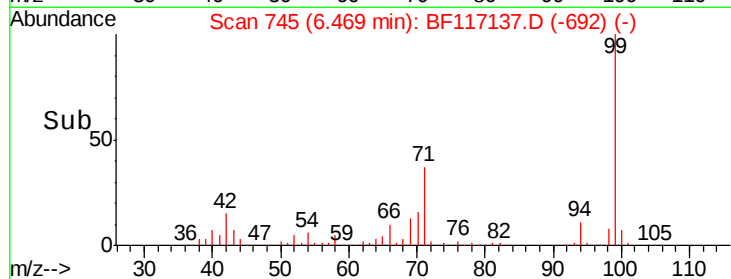
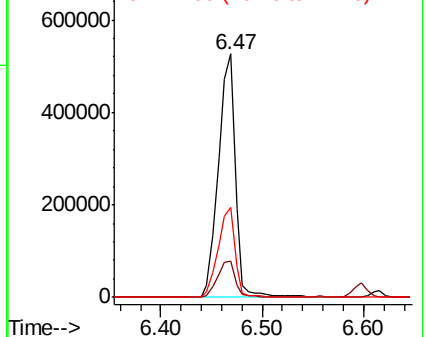
99 100

42 15.1 12.2 18.2

71 37.0 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.405 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

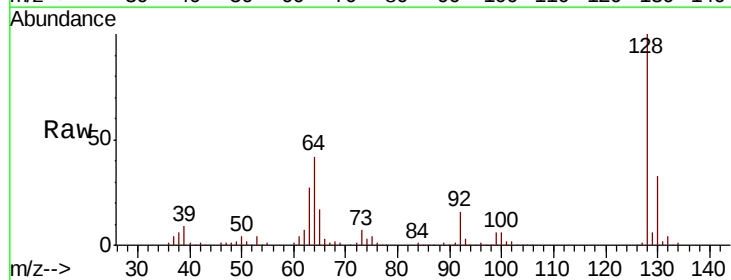
Tgt Ion: 128 Resp: 206474

Ion Ratio Lower Upper

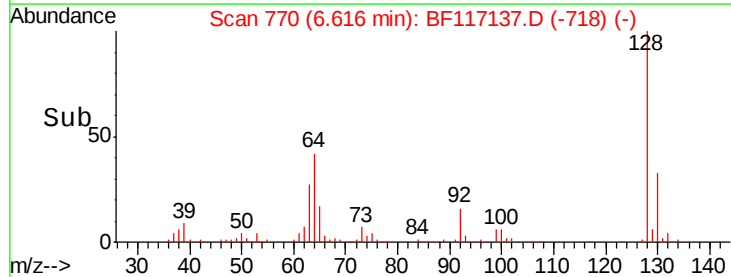
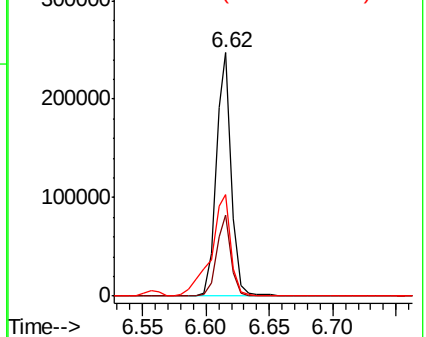
128 100

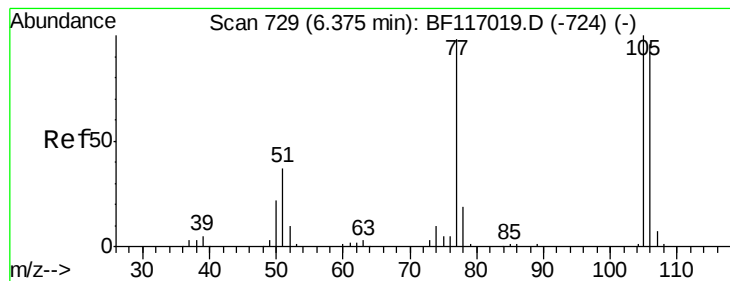
130 33.3 11.8 51.8

64 41.8 25.0 65.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 43.206 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA_F

ClientSampleId :

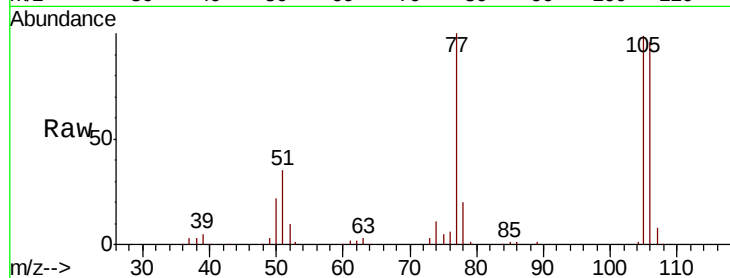
Tot Ion: 77 Resp: 126707

Ion Ratio Lower Upper

77 100

105 99.0 81.8 121.8

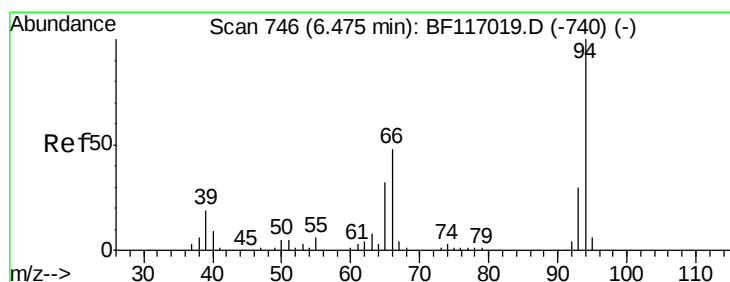
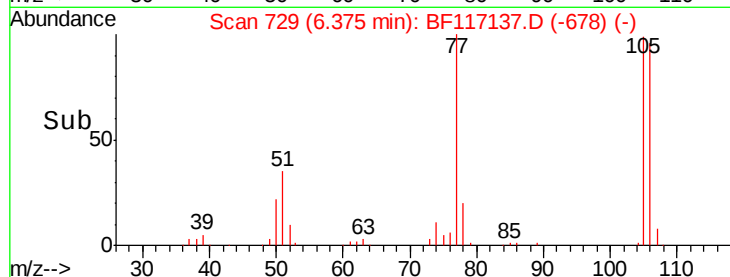
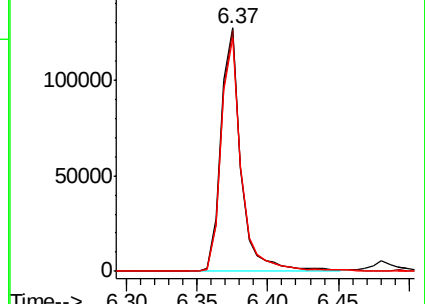
106 95.9 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.568 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

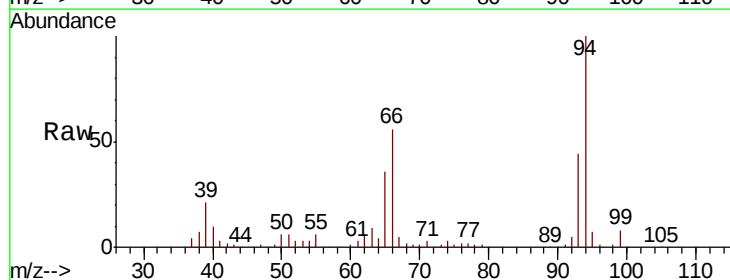
Tgt Ion: 94 Resp: 260582

Ion Ratio Lower Upper

94 100

65 36.2 12.5 52.5

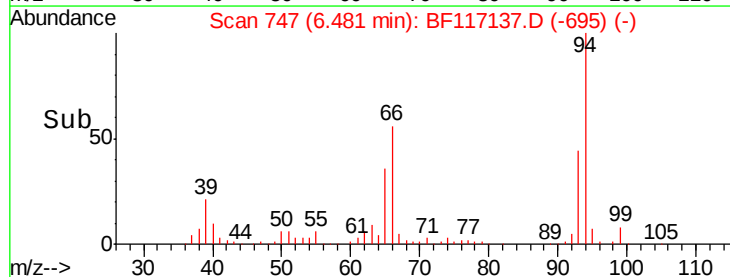
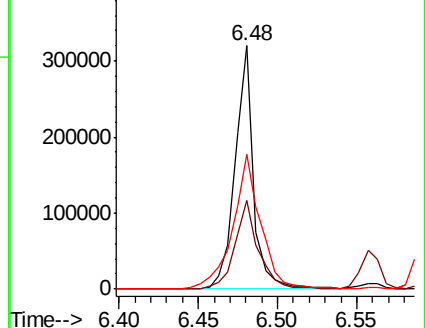
66 55.6 28.9 68.9

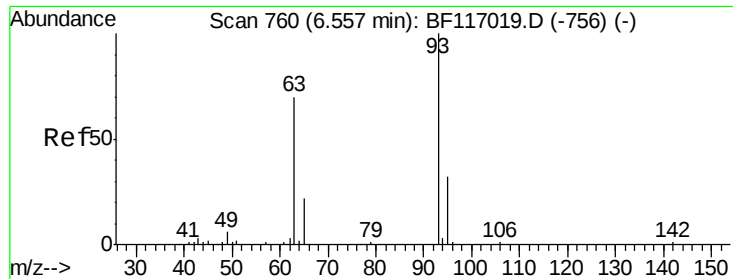


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

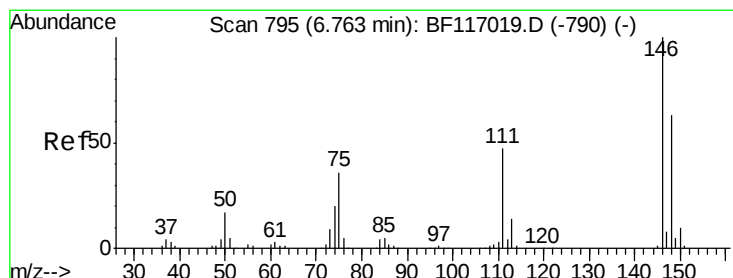
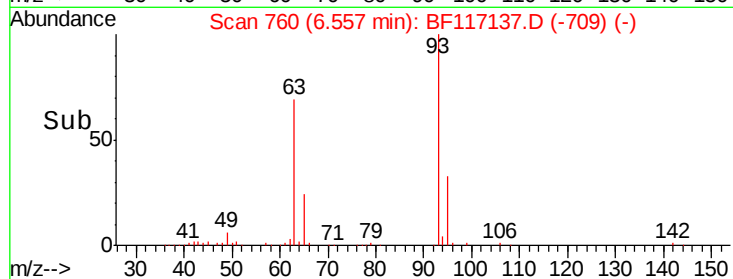
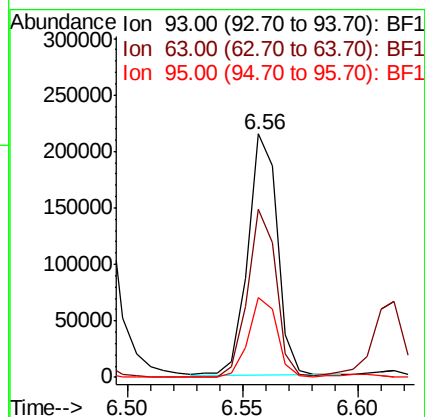
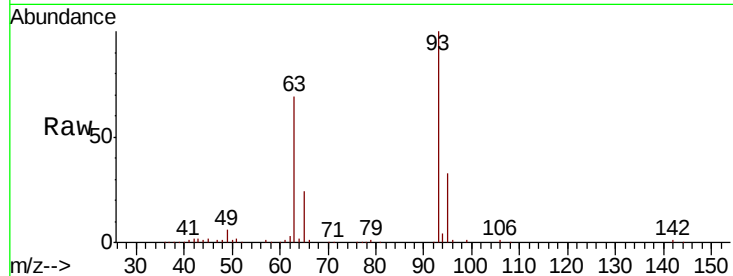




#11
bis(2-Chloroethyl)ether
Concen: 39.649 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

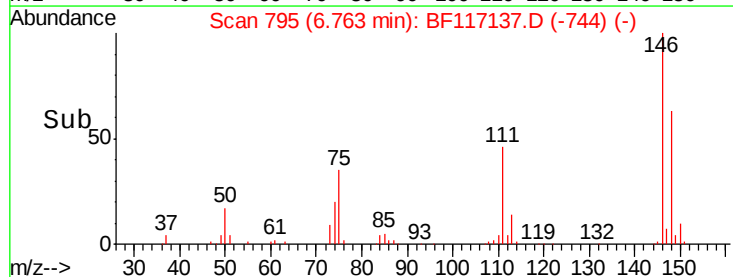
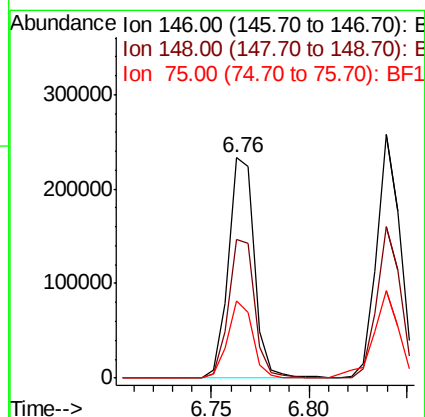
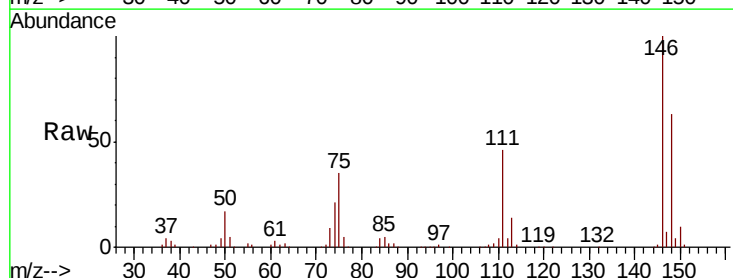
Instrument :
BNA_F
ClientSampled :

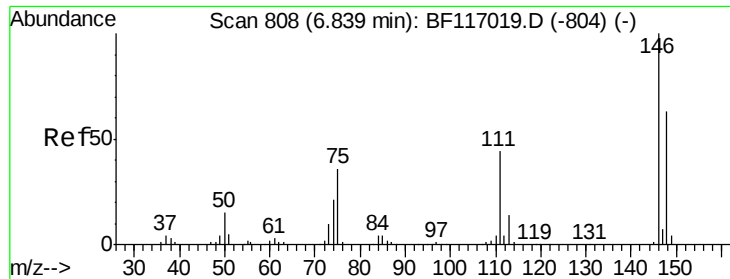
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.2	49.3	89.3
95	32.8	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 38.592 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.8	76.2
75	35.1	28.7	43.1

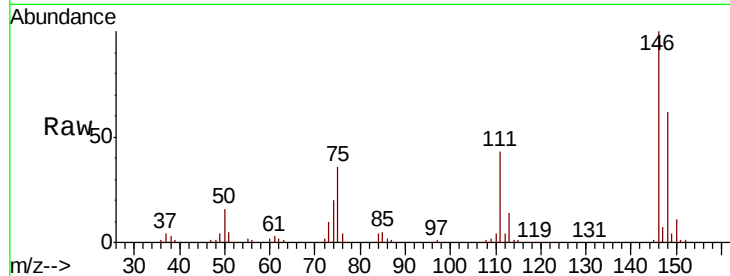




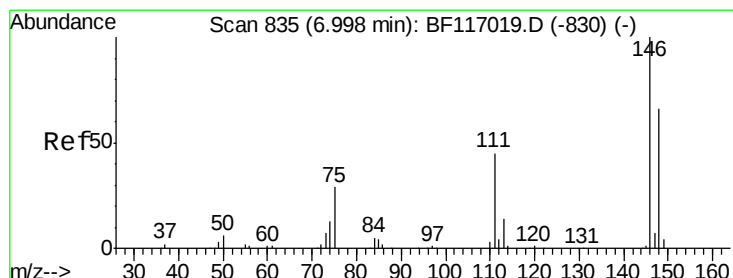
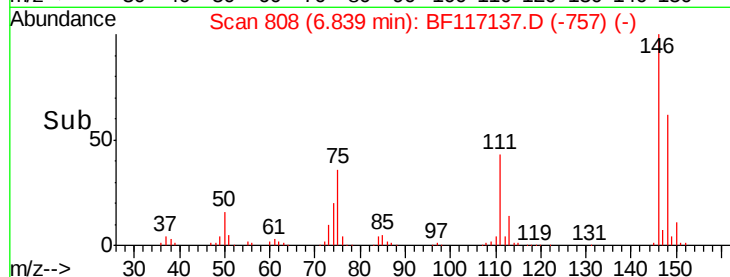
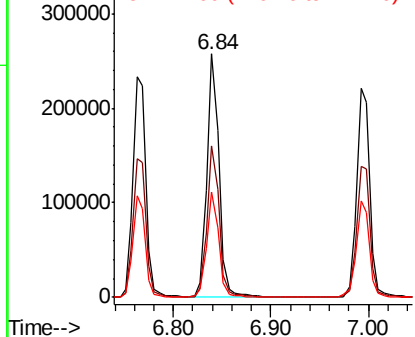
#13
 1,4-Dichlorobenzene
 Concen: 39.286 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 224344
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.6 76.0
 111 43.3 35.0 52.6

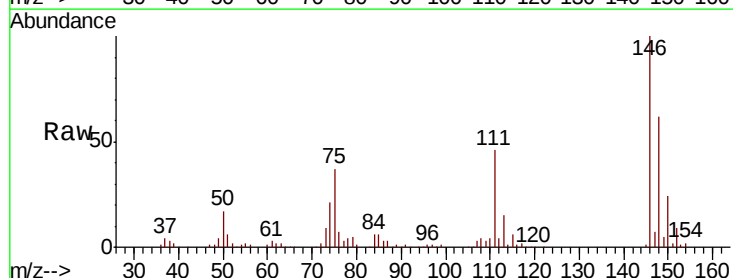


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

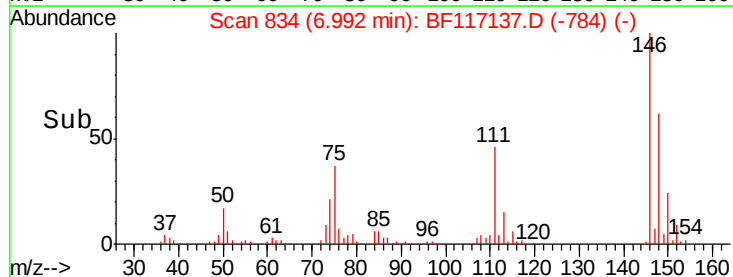
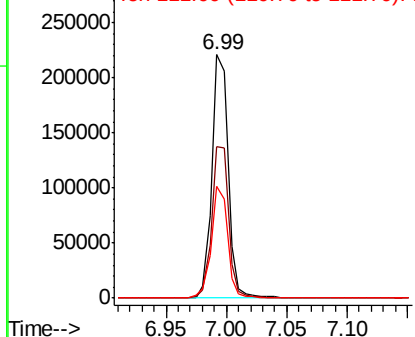


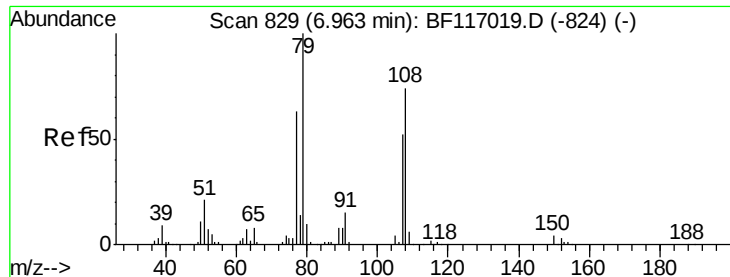
#14
 1,2-Dichlorobenzene
 Concen: 38.835 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Tgt Ion:146 Resp: 206475
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.6 78.8
 111 46.2 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.661 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA_F

ClientSampleId :

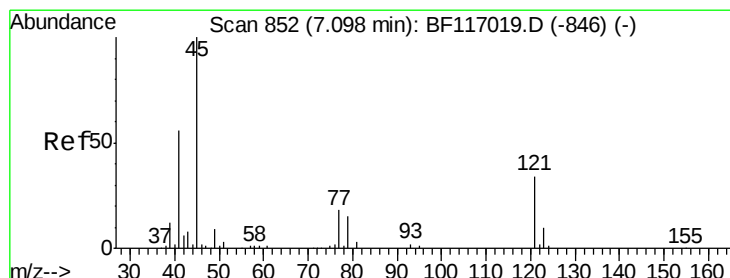
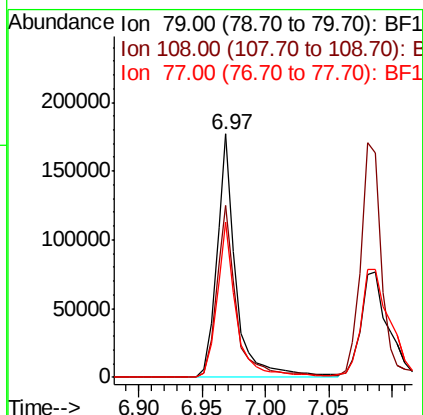
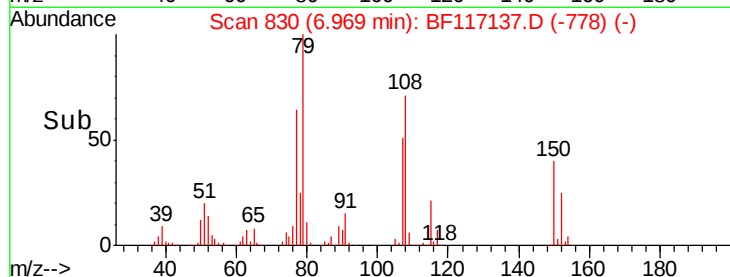
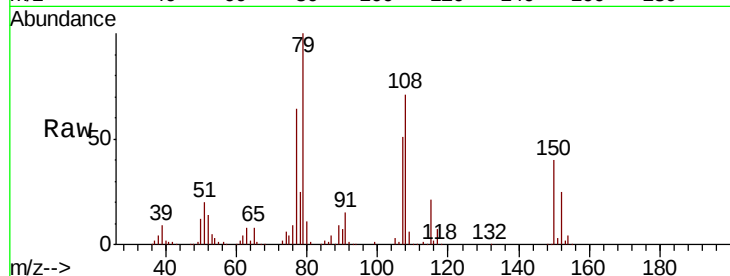
Tot Ion: 79 Resp: 186270

Ion Ratio Lower Upper

79 100

108 70.9 59.4 89.0

77 63.6 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.367 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

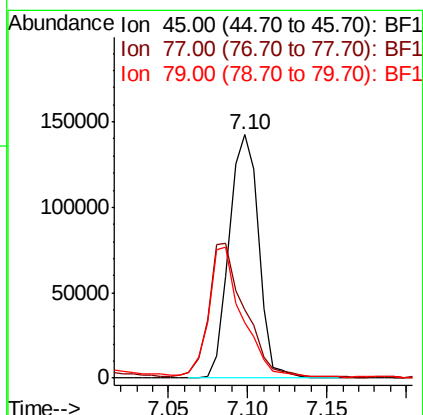
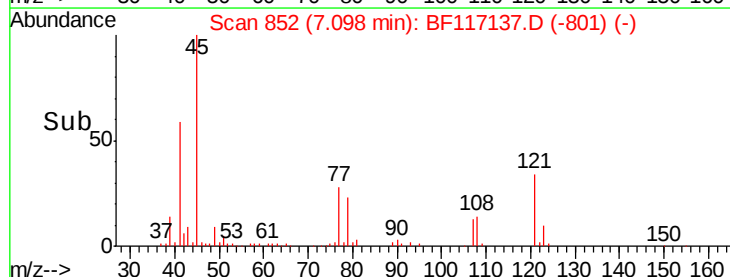
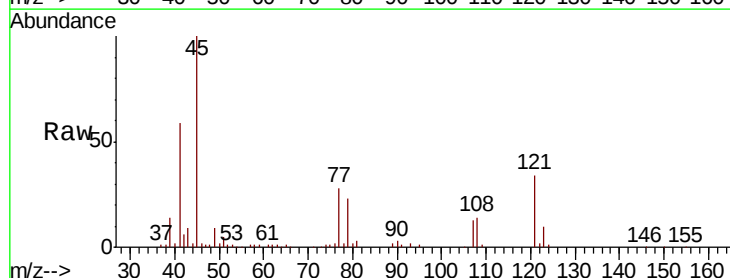
Tgt Ion: 45 Resp: 183470

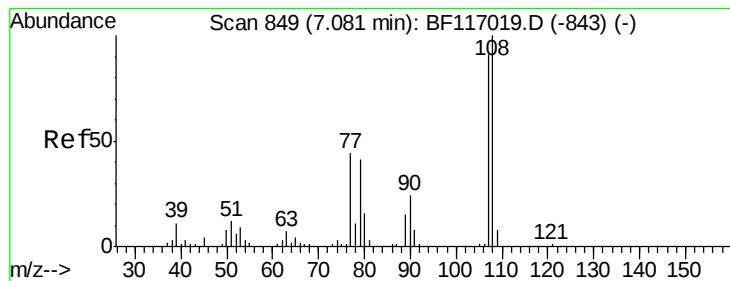
Ion Ratio Lower Upper

45 100

77 28.3 2.7 42.7

79 22.8 0.0 38.9

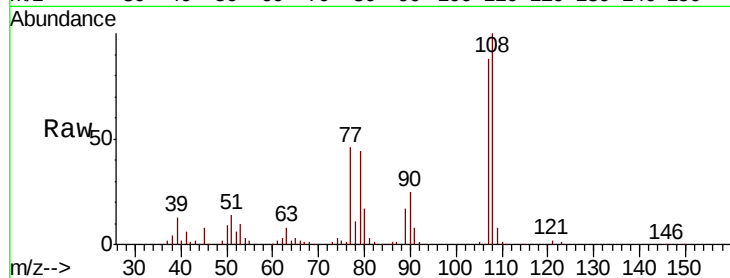




#17
2-Methylphenol
Concen: 40.487 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	169206
Ion	Ratio	Lower	Upper
107	100		
108	113.9	87.7	131.5
77	52.1	38.6	58.0
79	50.0	36.8	55.2



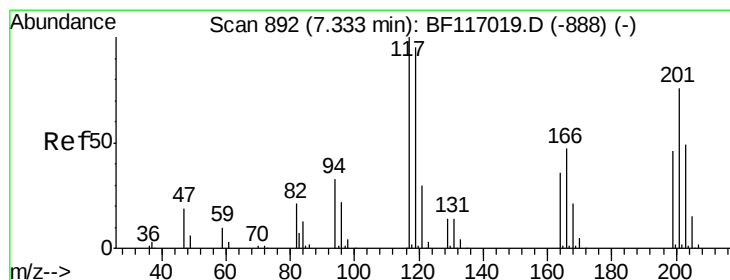
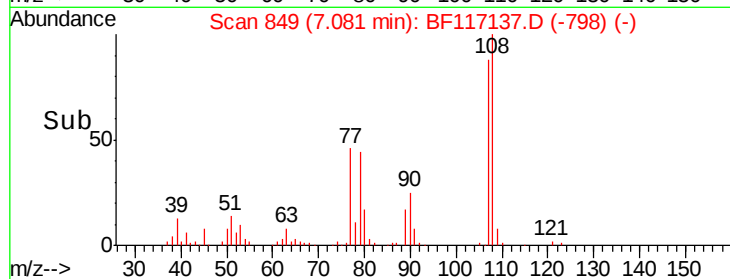
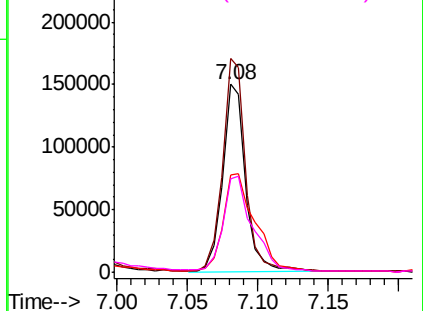
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

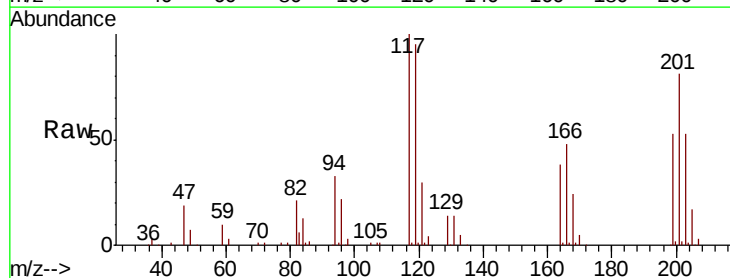
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.618 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Tgt Ion:	117	Resp:	84838
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.8
201	80.5	60.9	91.3

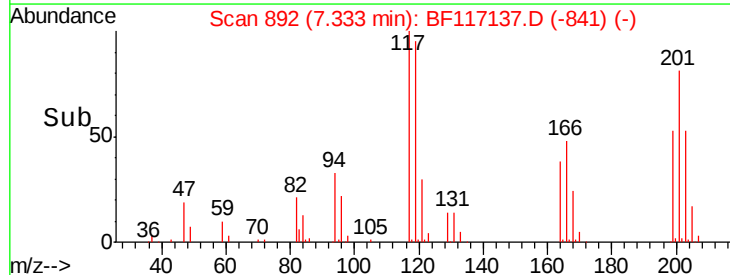
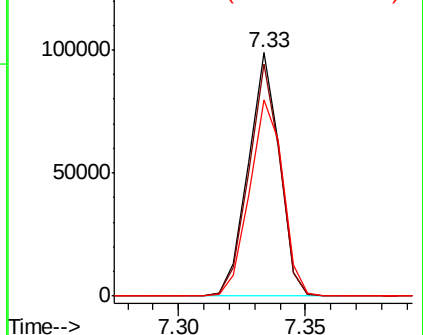


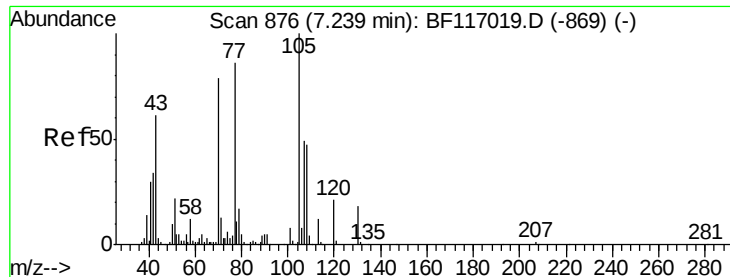
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

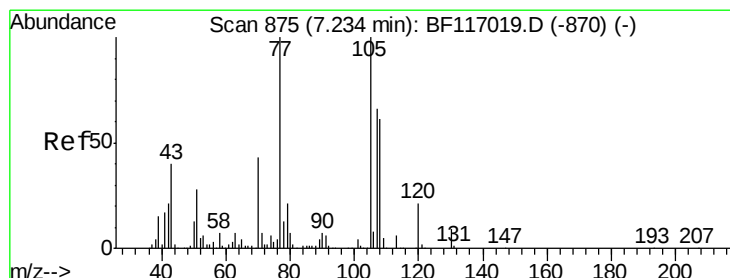
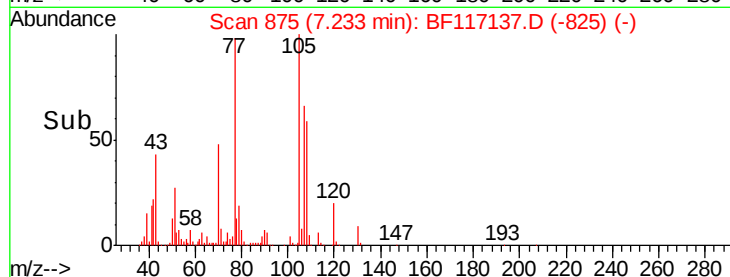
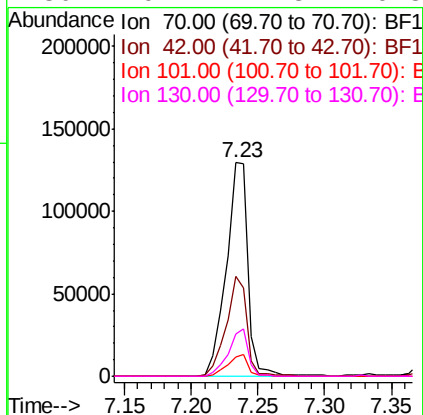
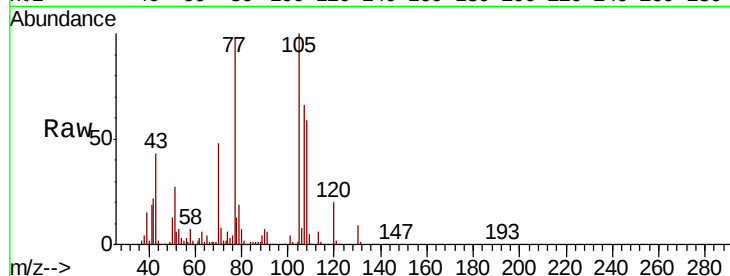




#19
n-Nitroso-di-n-propylamine
Concen: 41.239 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

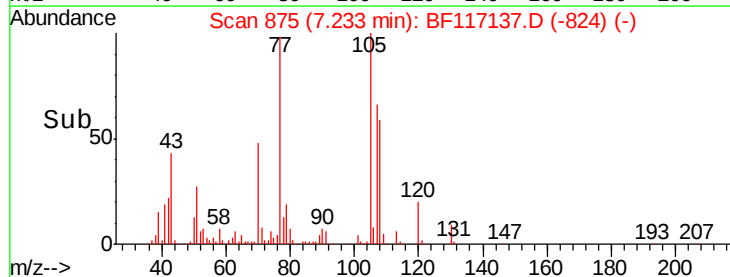
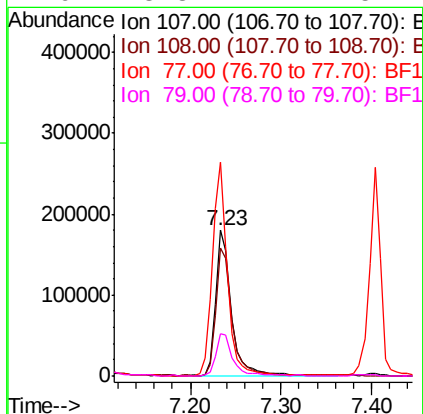
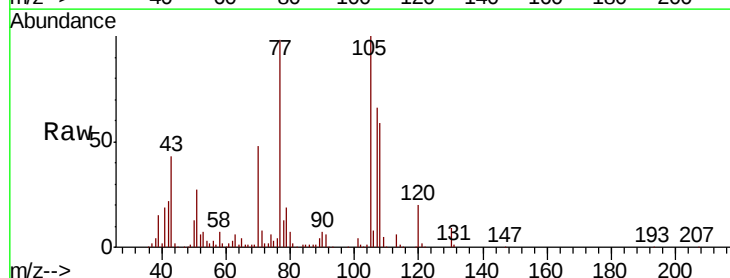
Instrument :
BNA_F
ClientSampleId :

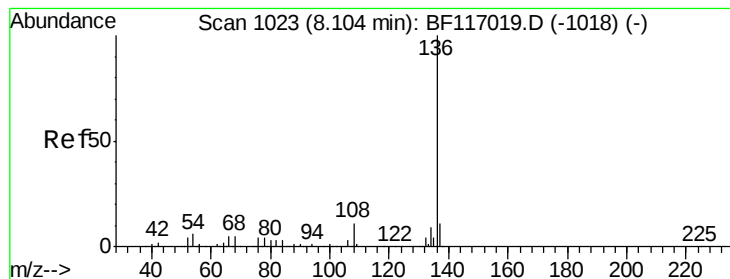
Tot Ion:	70	Resp:	150012
Ion	Ratio	Lower	Upper
70	100		
42	46.9	34.0	51.0
101	9.3	7.8	11.6
130	19.7	17.8	26.8



#20
3+4-Methylphenols
Concen: 40.759 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Tgt Ion:	107	Resp:	212182
Ion	Ratio	Lower	Upper
107	100		
108	88.3	72.6	112.6
77	146.9	132.1	172.1
79	28.8	12.1	52.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 299823

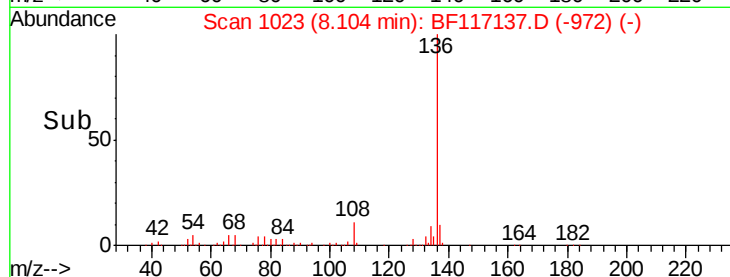
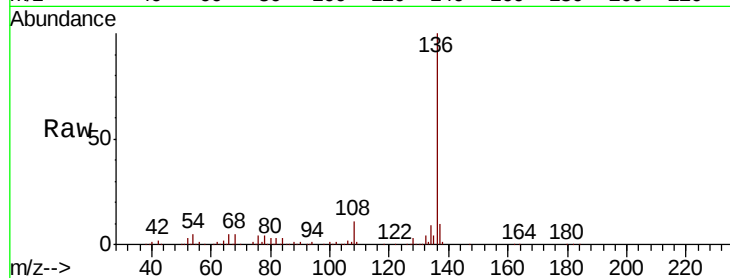
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 5.2 4.5 6.7

68 4.7 4.0 6.0

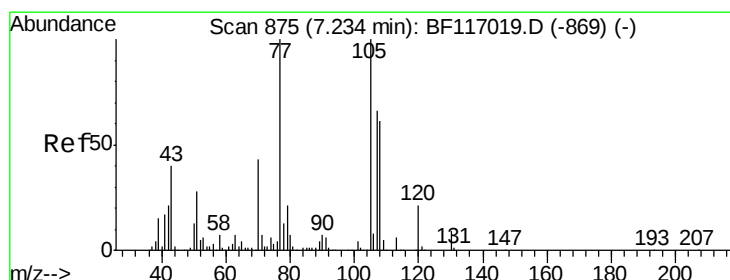
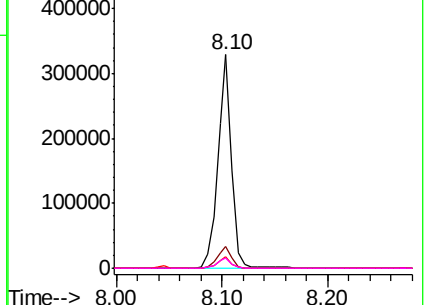


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.595 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Tgt Ion:105 Resp: 301619

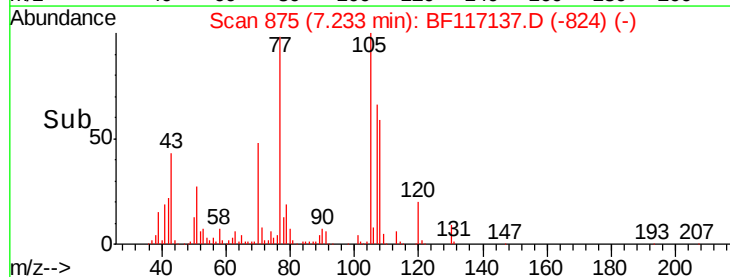
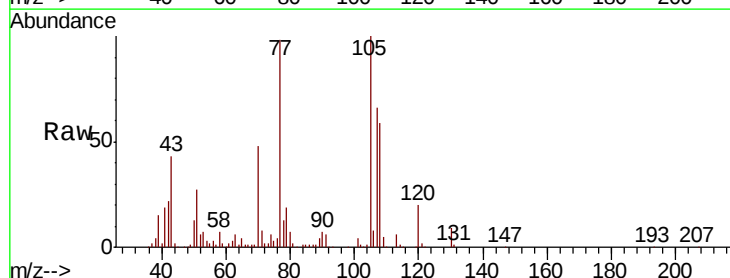
Ion Ratio Lower Upper

105 100

71 8.1 5.7 8.5

51 27.0 22.1 33.1

120 20.3 17.1 25.7

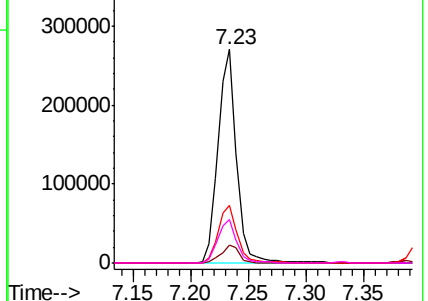


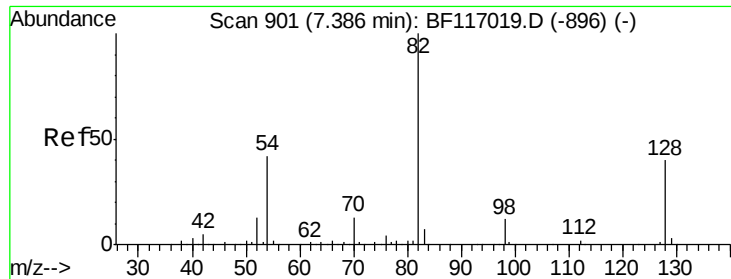
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

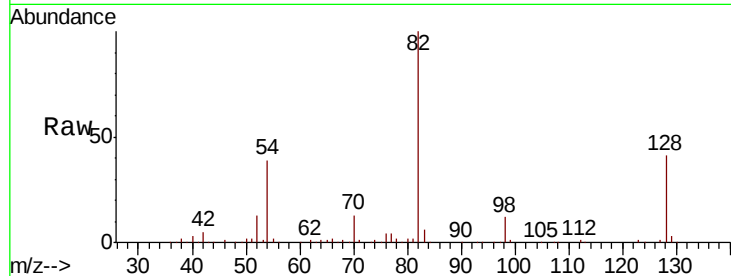




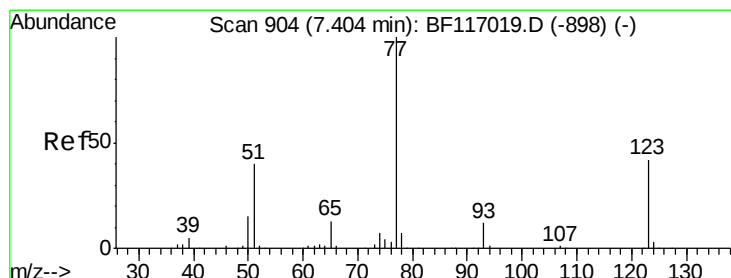
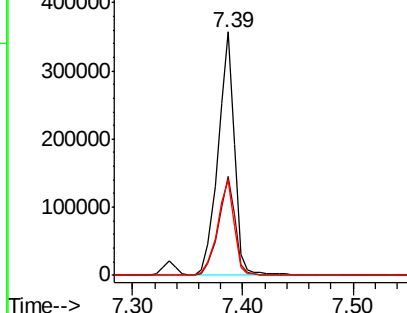
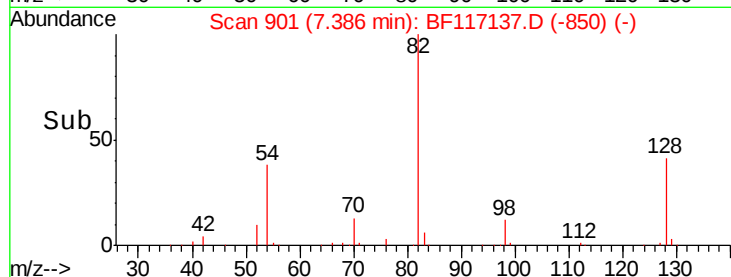
#23
 Nitrobenzene-d5
 Concen: 64.791 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.3	48.5
54	39.2	33.3	49.9

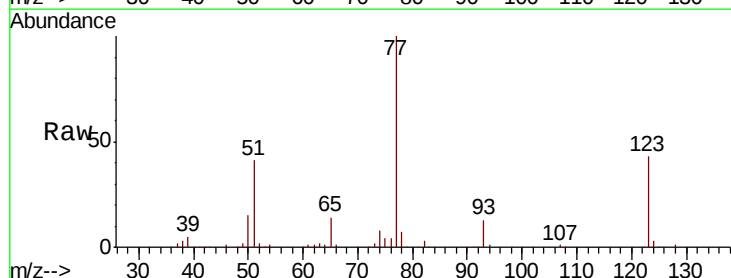


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

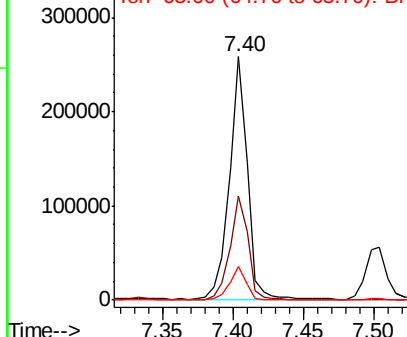
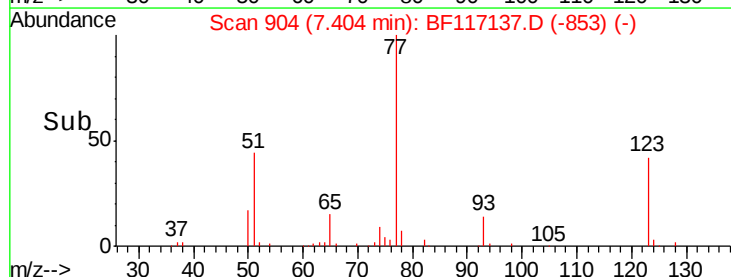


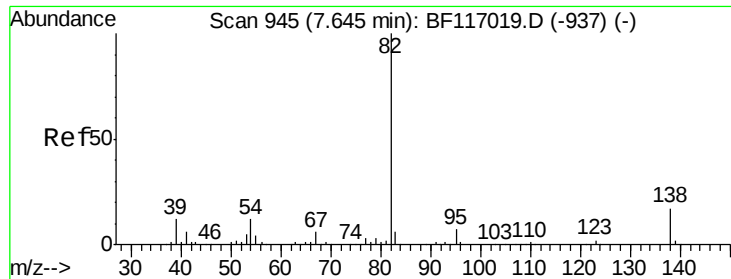
#24
 Nitrobenzene
 Concen: 40.030 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.9	33.5	50.3
65	13.6	10.5	15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.687 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA_F

ClientSampled :

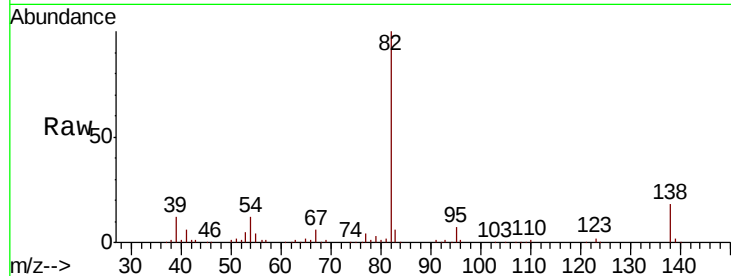
Tot Ion: 82 Resp: 411081

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

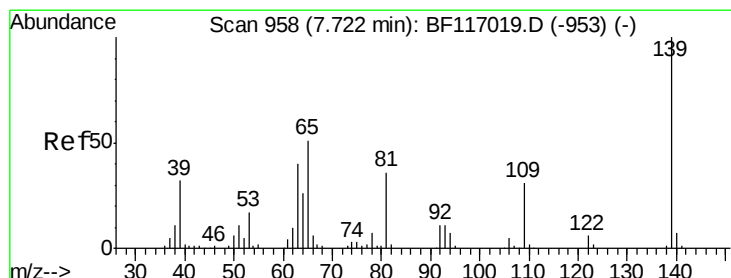
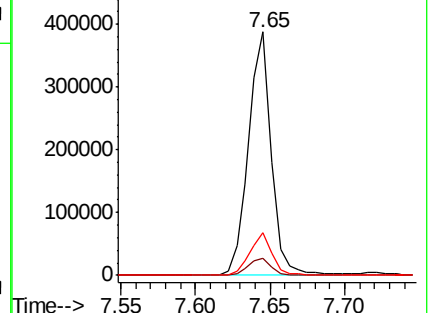
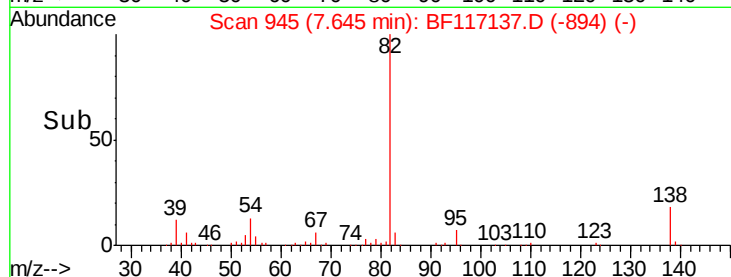
138 17.6 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.713 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

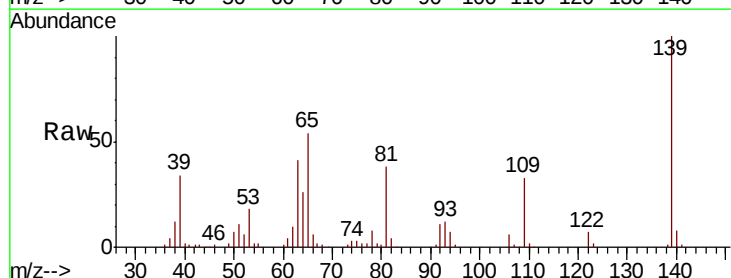
Tgt Ion: 139 Resp: 105809

Ion Ratio Lower Upper

139 100

109 33.1 24.6 36.8

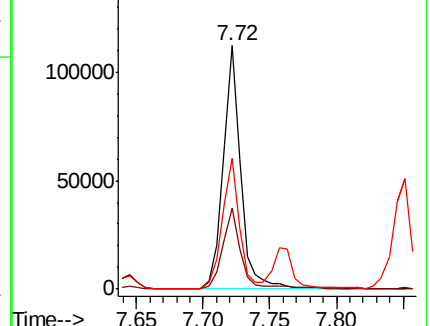
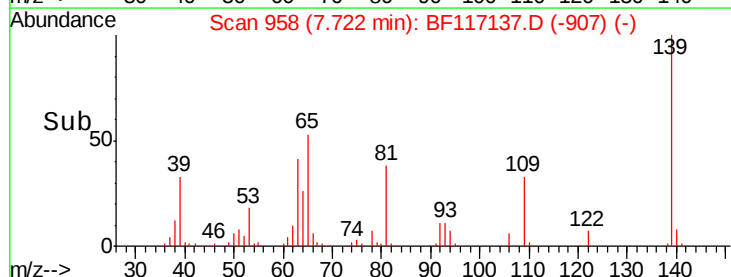
65 53.6 40.9 61.3

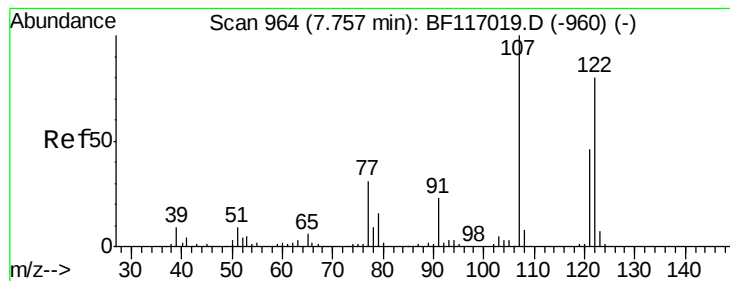


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.042 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :
BNA_F
ClientSampleId :

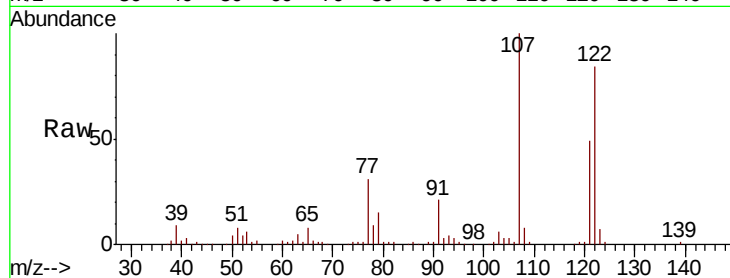
Tot Ion:122 Resp: 180568

Ion Ratio Lower Upper

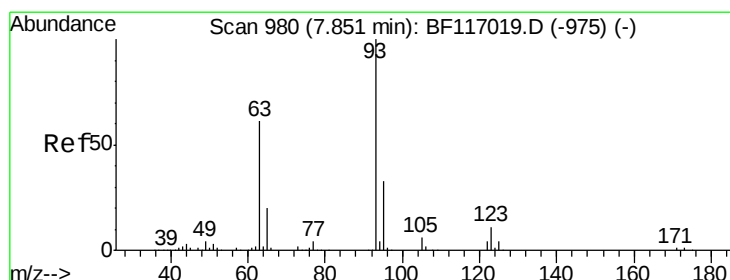
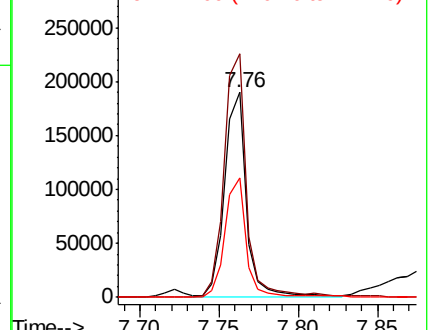
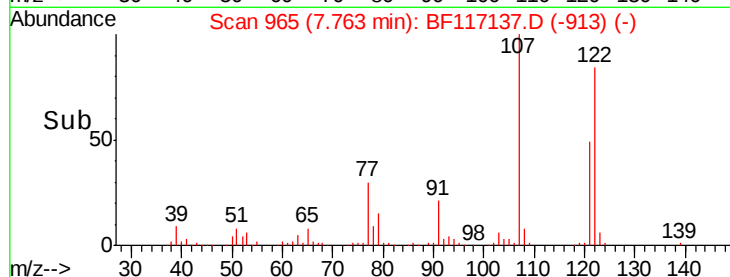
122 100

107 118.8 98.9 148.3

121 58.0 45.3 67.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.101 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

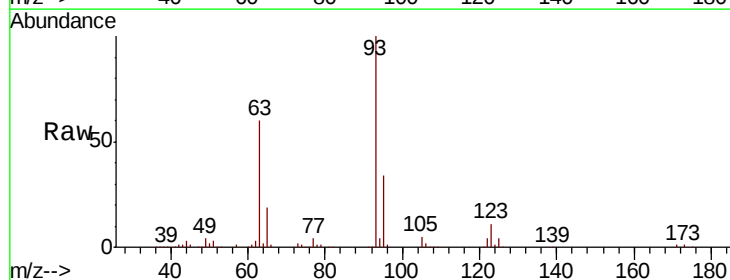
Tgt Ion: 93 Resp: 243396

Ion Ratio Lower Upper

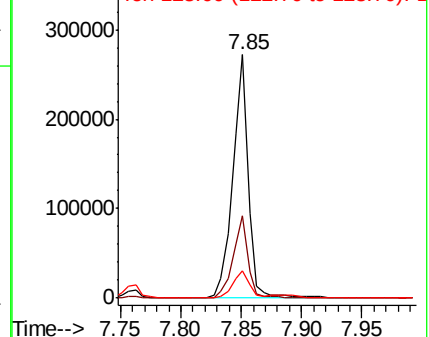
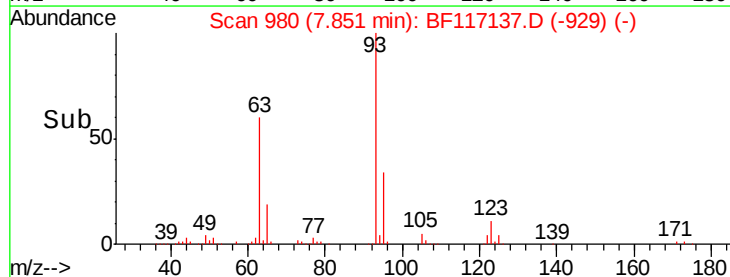
93 100

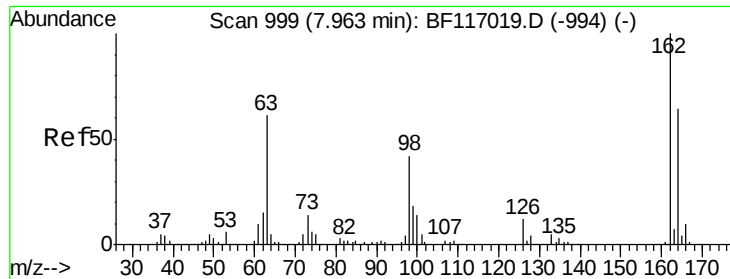
95 33.8 26.2 39.4

123 11.4 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

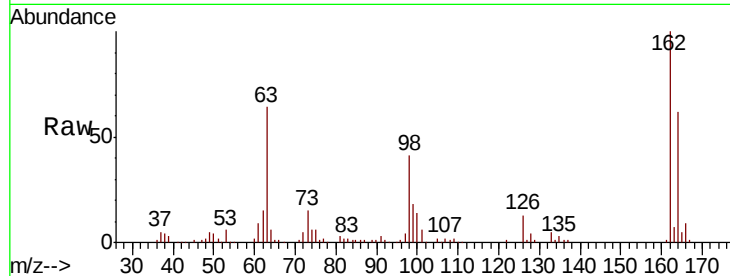




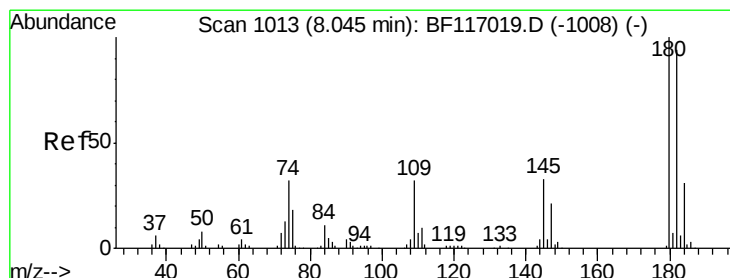
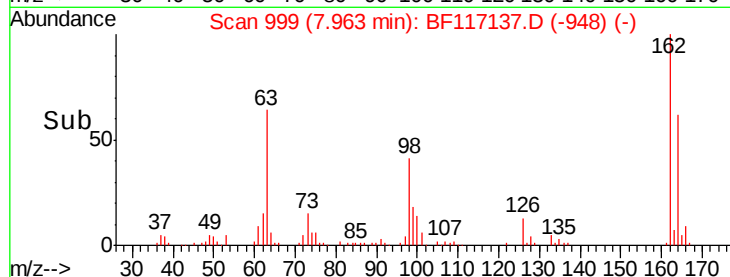
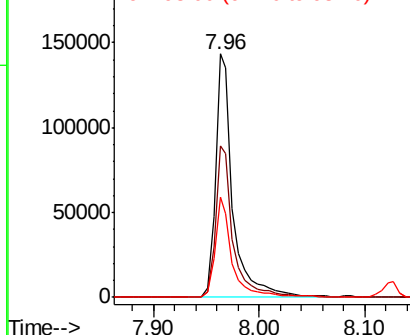
#29
 2,4-Dichlorophenol
 Concen: 41.768 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.8	83.8
98	41.2	22.1	62.1

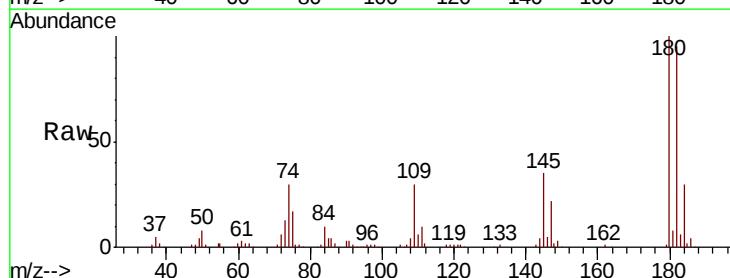


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

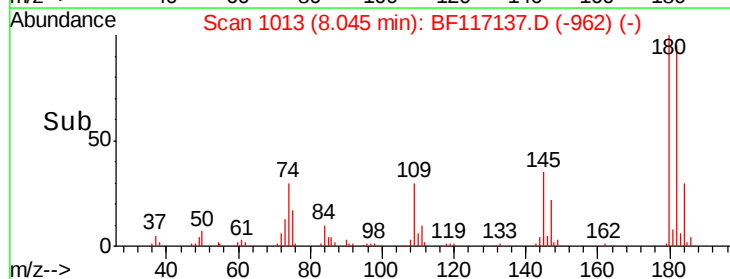
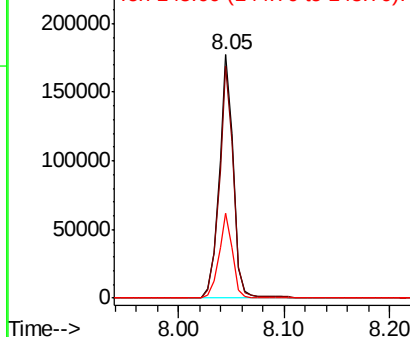


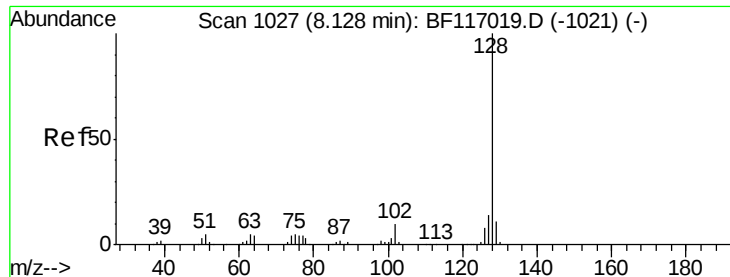
#30
 1,2,4-Trichlorobenzene
 Concen: 38.619 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.4	113.0
145	35.0	26.7	40.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

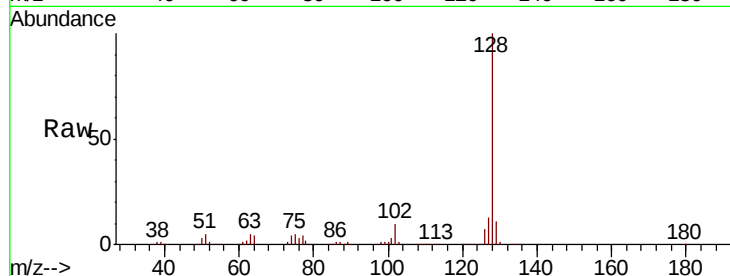




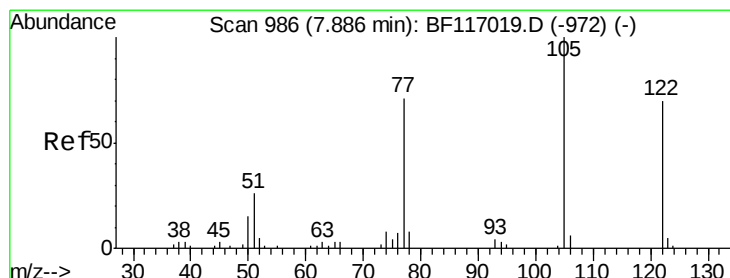
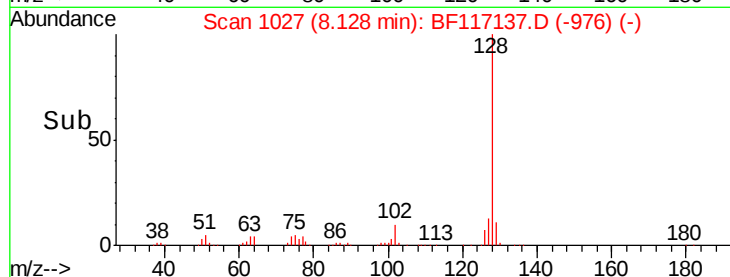
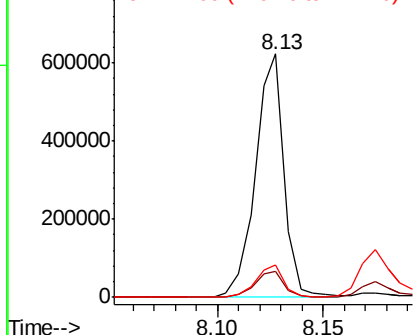
#31
Naphthalene
Concen: 40.569 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 584984
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.2 10.8 16.2

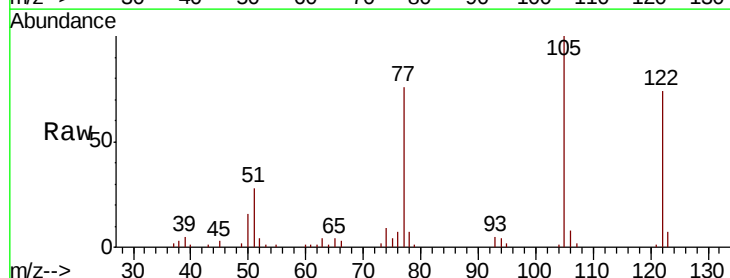


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

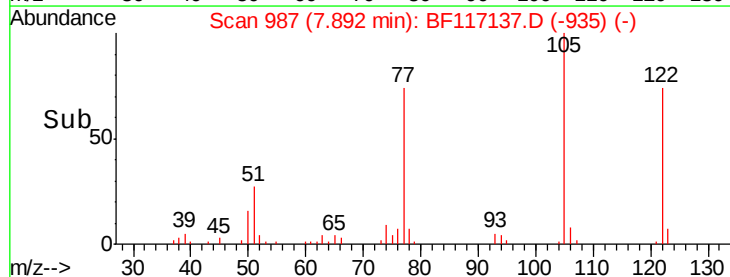
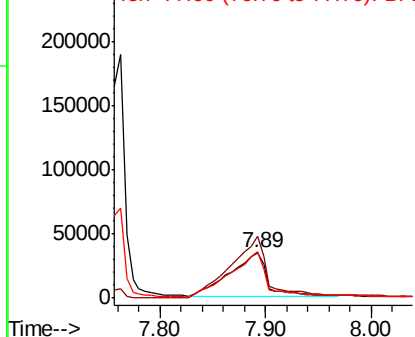


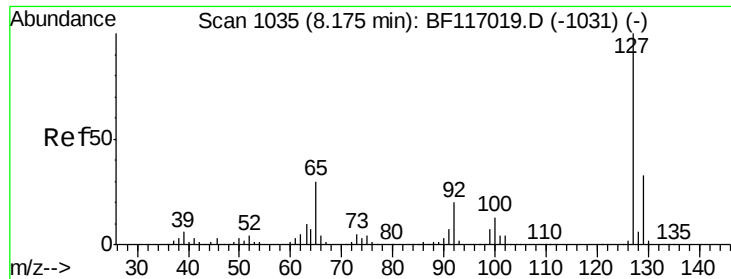
#32
Benzoic acid
Concen: 32.327 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Tgt Ion:122 Resp: 86461
Ion Ratio Lower Upper
122 100
105 135.1 114.8 154.8
77 102.2 78.7 118.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

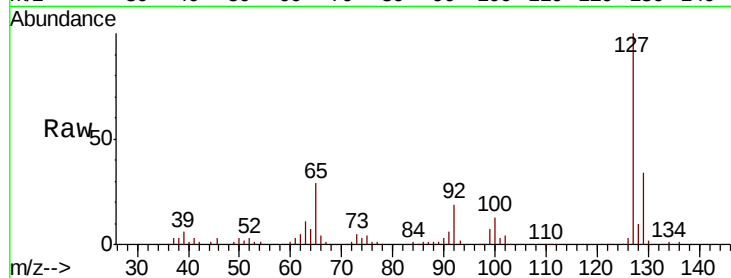




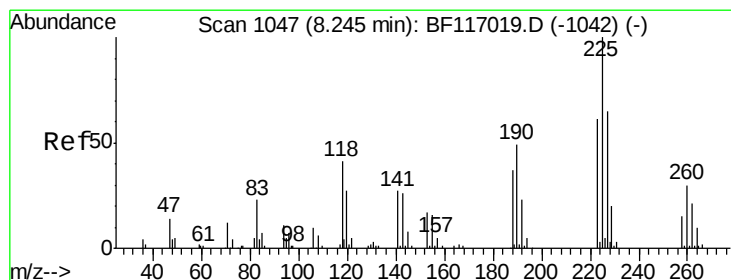
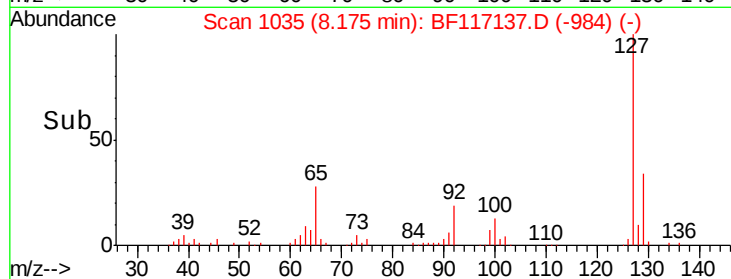
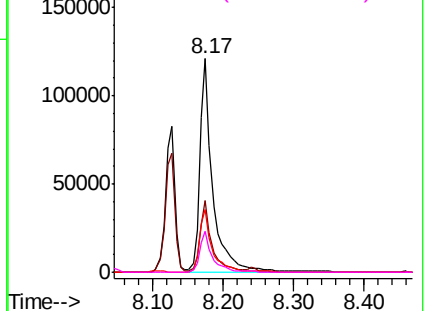
#33
4-Chloroaniline
Concen: 24.468 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	156488
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.2	39.2
65	29.2	23.5	35.3
92	19.0	15.9	23.9

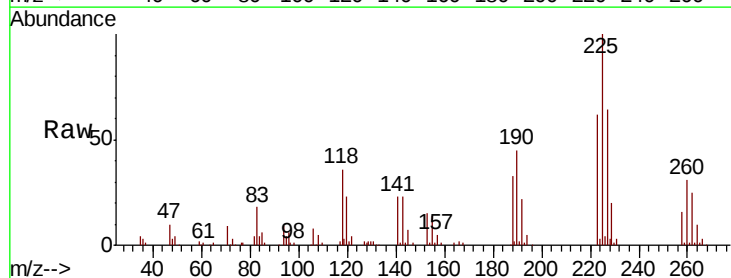


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

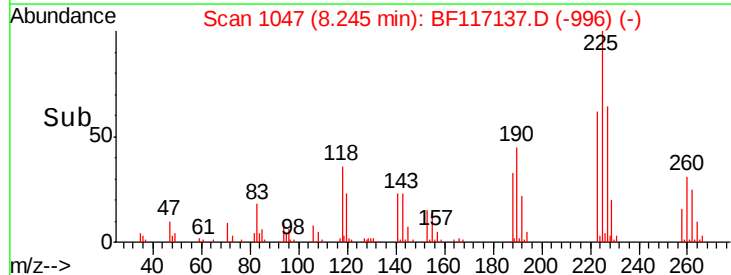
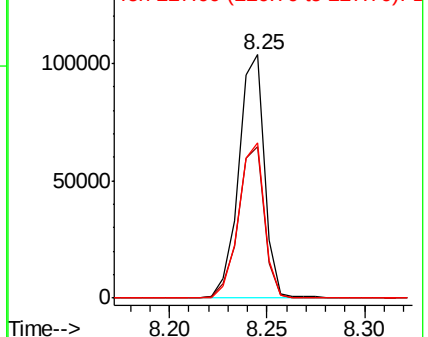


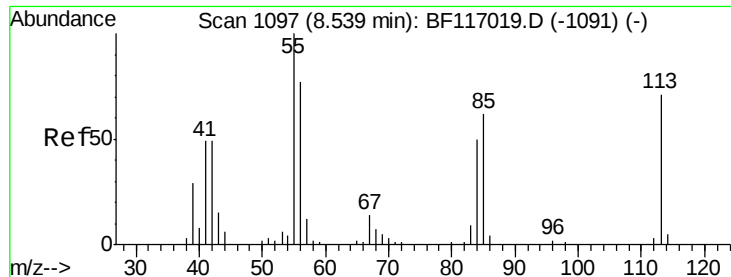
#34
Hexachlorobutadiene
Concen: 38.634 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Tgt Ion:	225	Resp:	95242
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.1	73.7
227	63.6	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

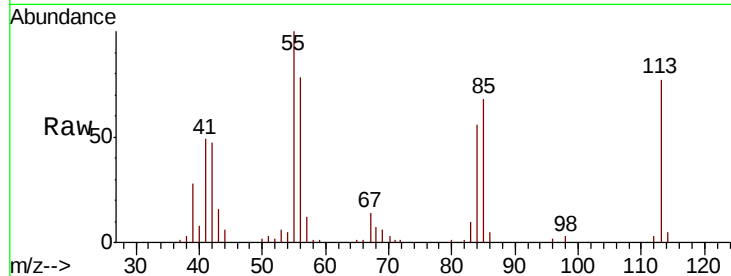




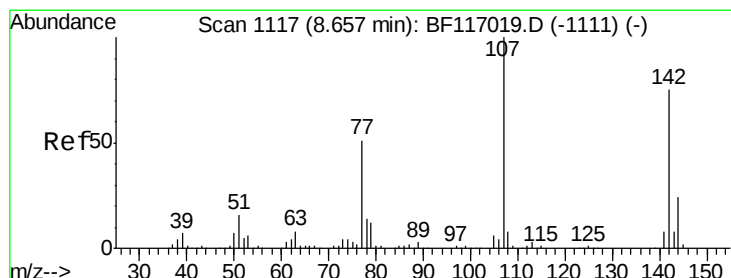
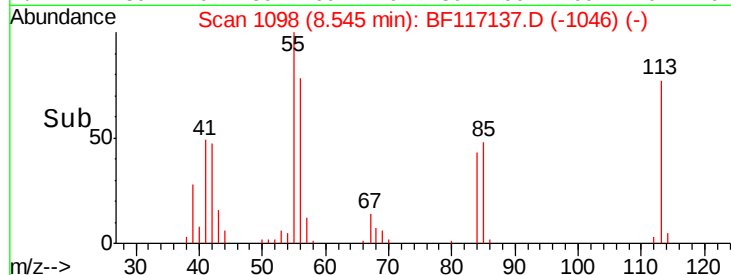
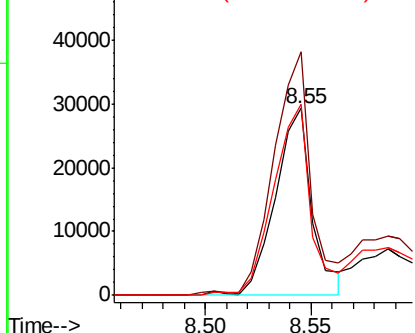
#35
 Caprolactam
 Concen: 26.043 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 35453
 Ion Ratio Lower Upper
 113 100
 55 130.4 120.6 160.6
 56 102.1 88.8 128.8

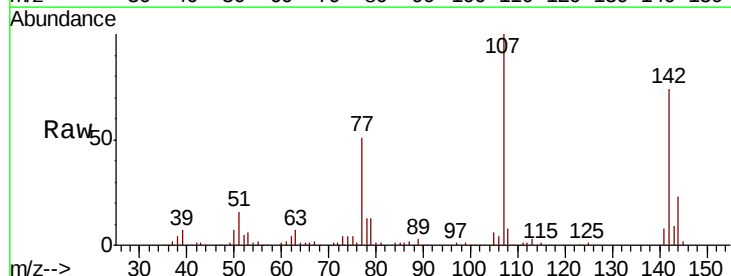


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

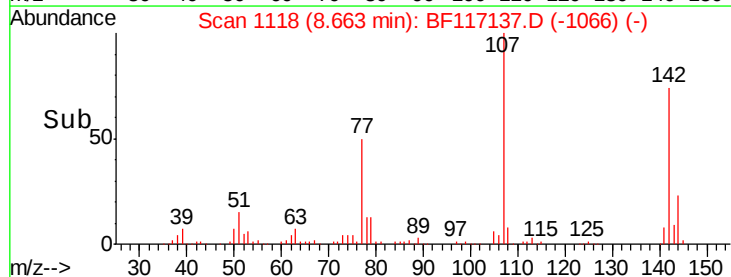
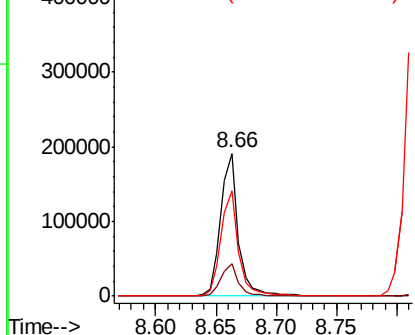


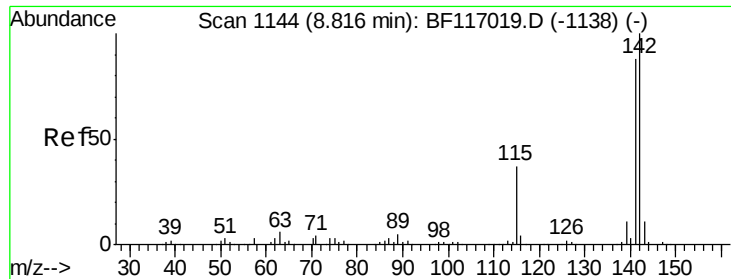
#36
 4-Chloro-3-methylphenol
 Concen: 41.215 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Tgt Ion:107 Resp: 193284
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.2 28.8
 142 74.1 59.6 89.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

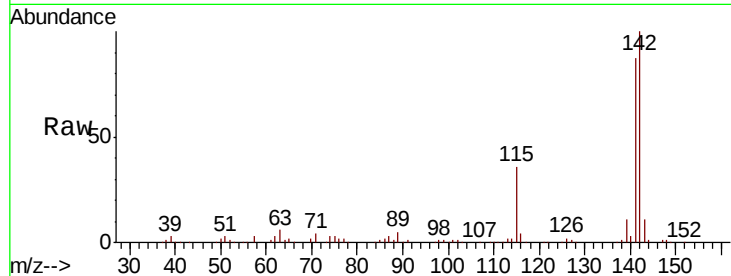




#37
 2-Methylnaphthalene
 Concen: 41.213 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.7	106.1
115	35.6	29.4	44.0

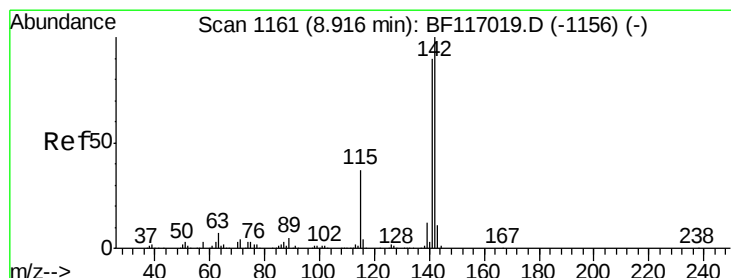
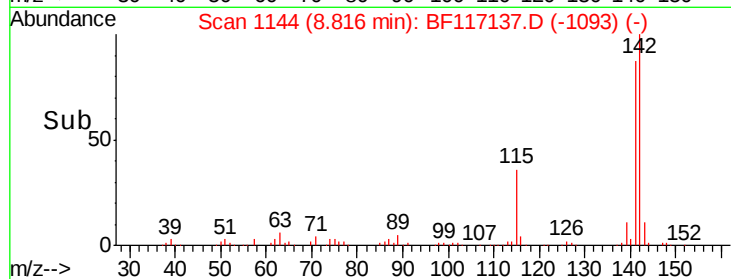
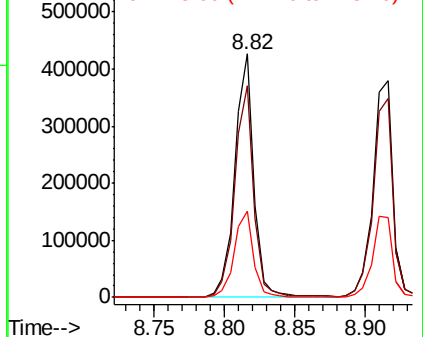


Abundance

Ion 142.00 (141.70 to 142.70): E

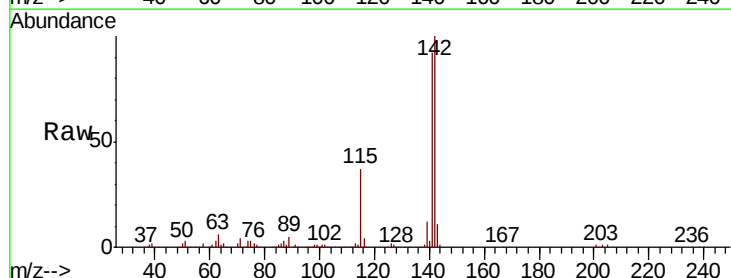
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 41.811 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.9	107.9
116	3.5	3.2	4.8

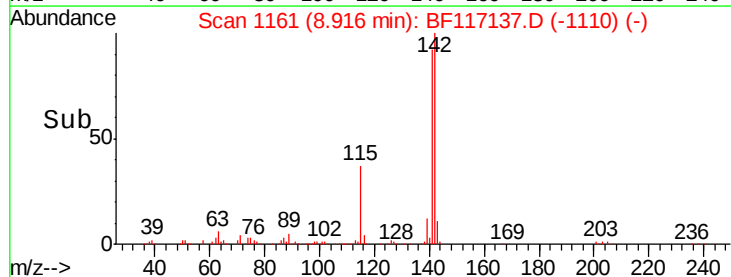
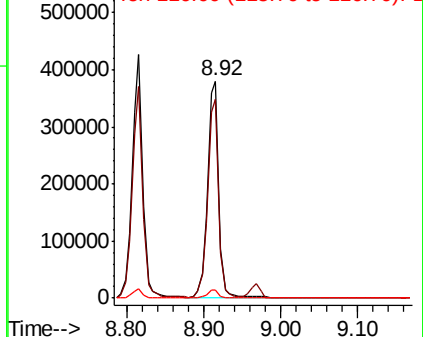


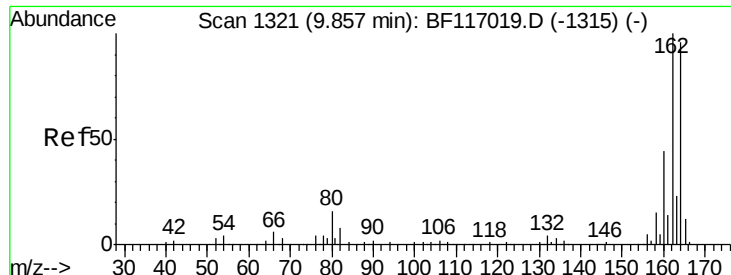
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA_F

ClientSampleId :

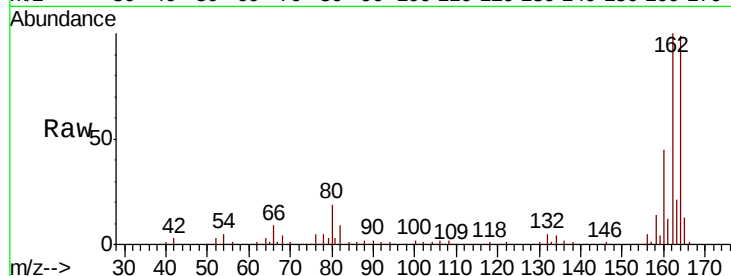
Tot Ion:164 Resp: 155097

Ion Ratio Lower Upper

164 100

162 101.2 83.4 125.2

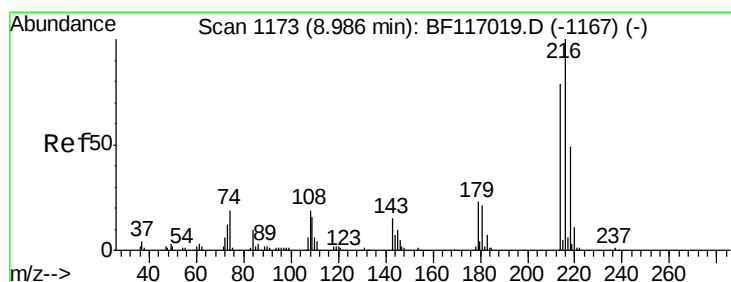
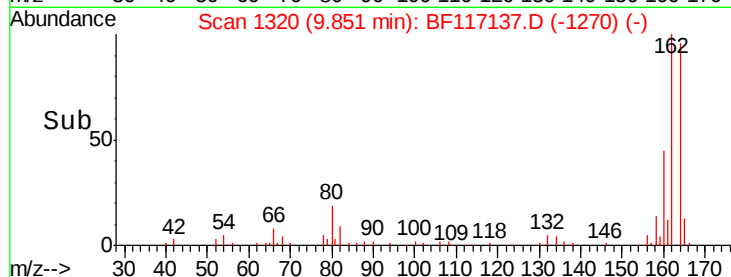
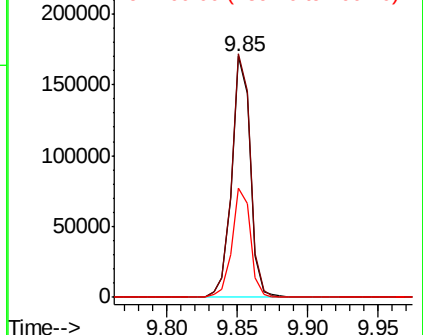
160 45.6 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.391 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Tgt Ion:216 Resp: 157761

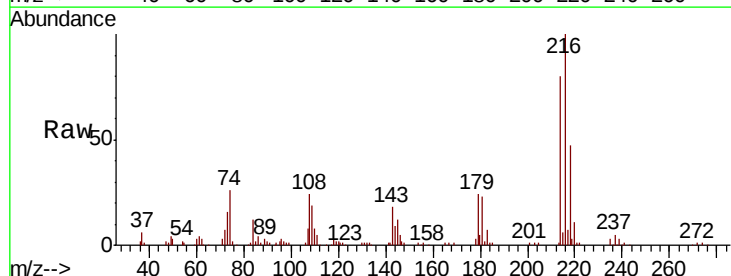
Ion Ratio Lower Upper

216 100

214 80.0 63.6 95.4

179 23.5 18.3 27.5

108 25.1 17.8 26.6

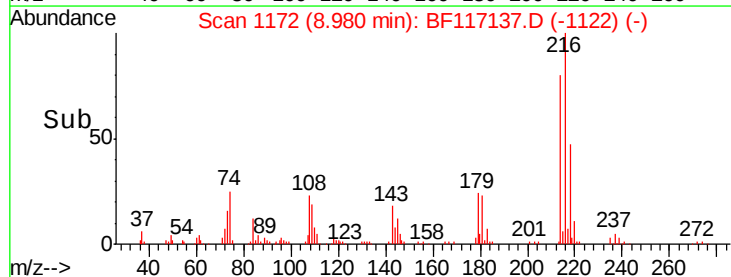
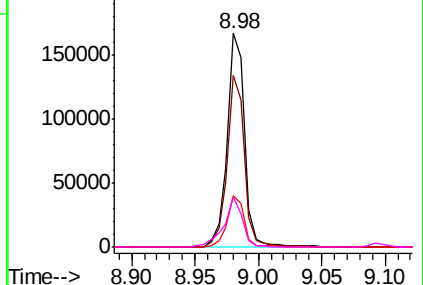


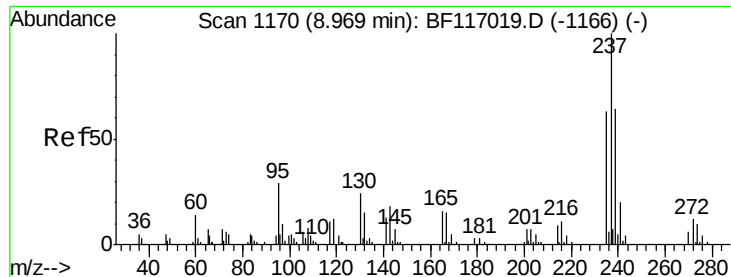
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 77.098 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA_F

ClientSampleId :

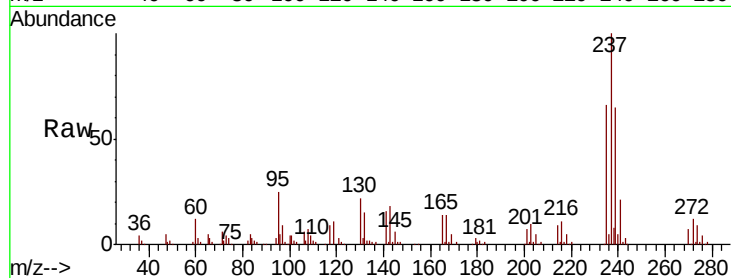
Tot Ion:237 Resp: 135929

Ion Ratio Lower Upper

237 100

235 66.5 43.2 83.2

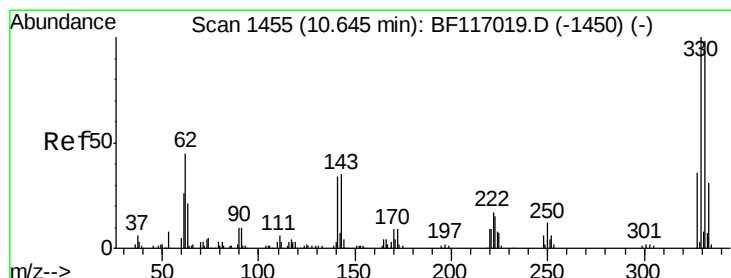
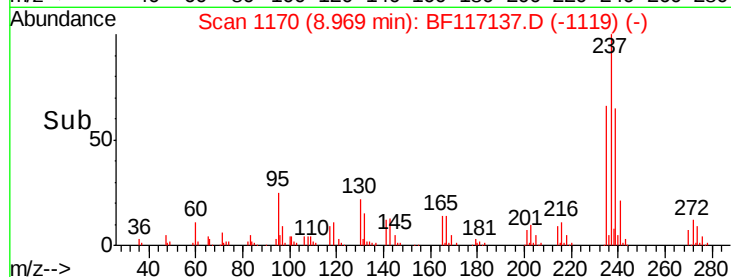
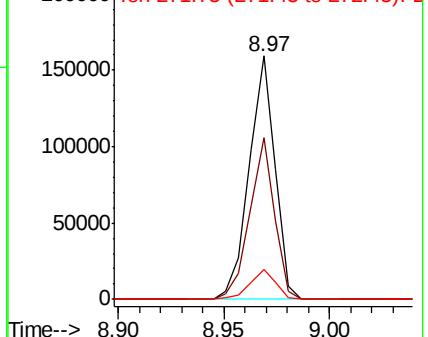
272 12.5 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 108.968 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

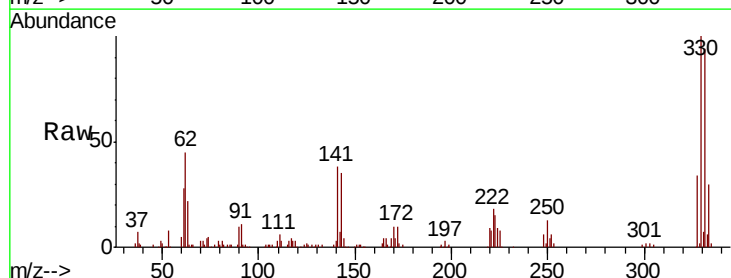
Tgt Ion:330 Resp: 141250

Ion Ratio Lower Upper

330 100

332 94.0 78.0 117.0

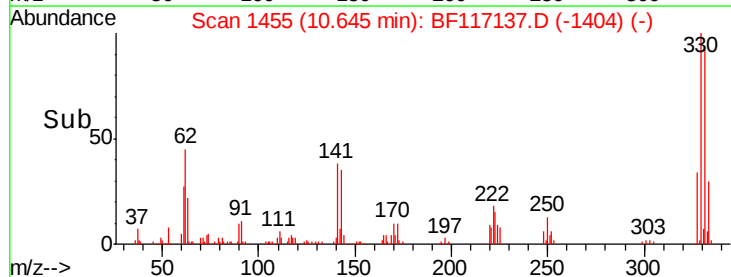
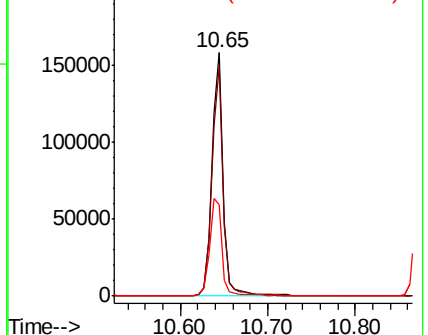
141 44.3 35.8 53.6

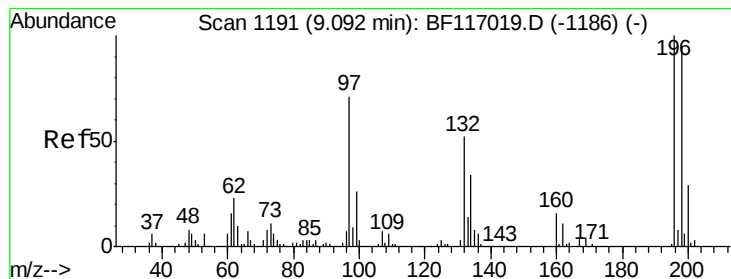


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 40.167 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA_F

ClientSampled :

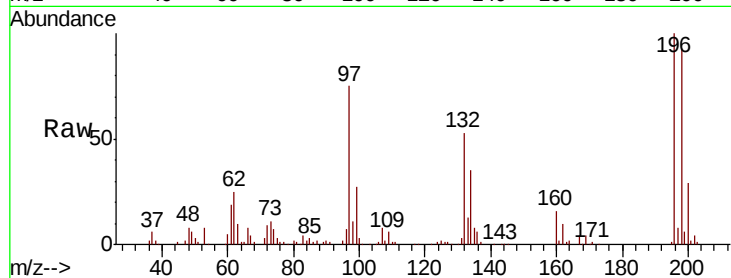
Tot Ion:196 Resp: 109171

Ion Ratio Lower Upper

196 100

198 93.4 75.7 113.5

200 29.2 23.3 34.9

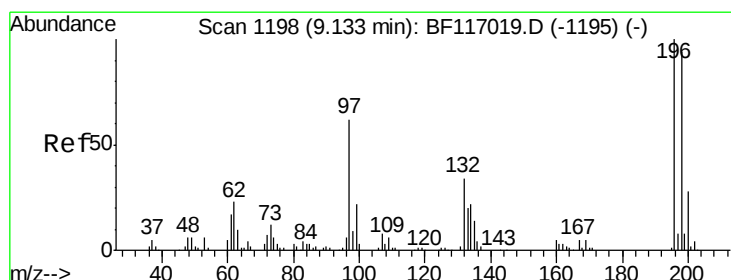
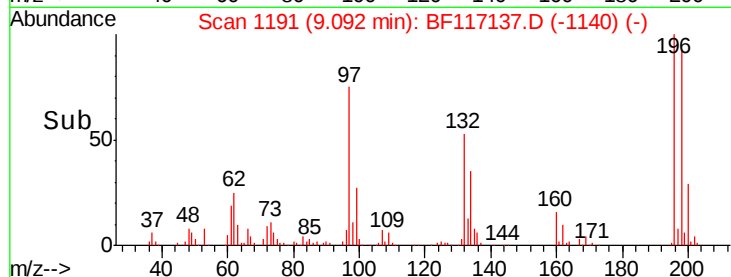
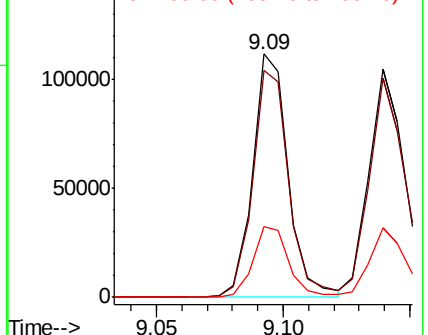


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 40.876 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Tgt Ion:196 Resp: 118698

Ion Ratio Lower Upper

196 100

198 95.8 74.6 112.0

97 64.6 49.5 74.3

132 33.5 27.4 41.2

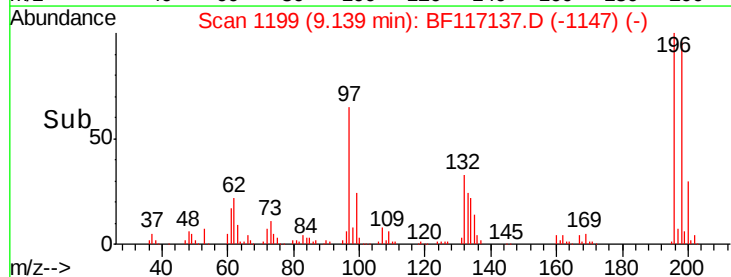
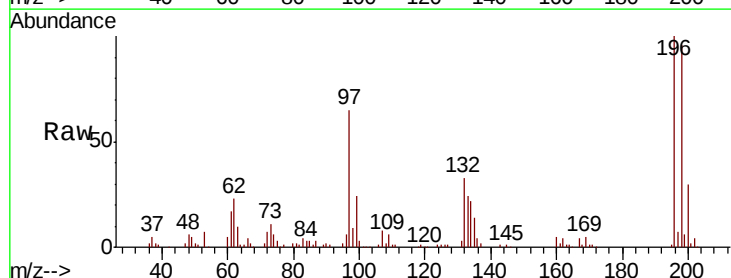
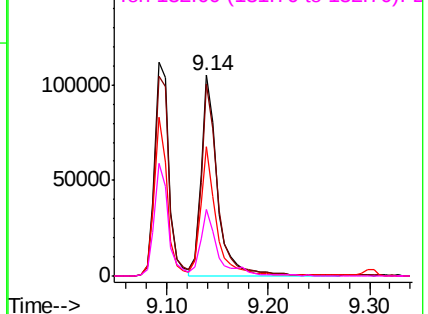
Abundance

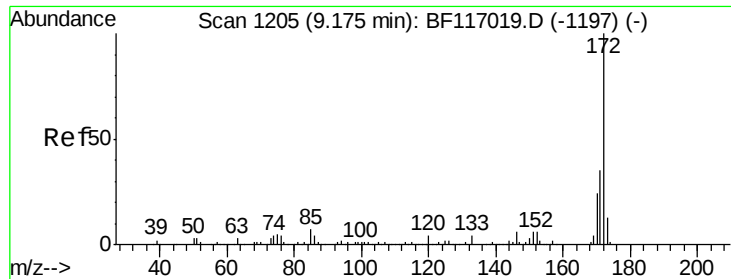
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

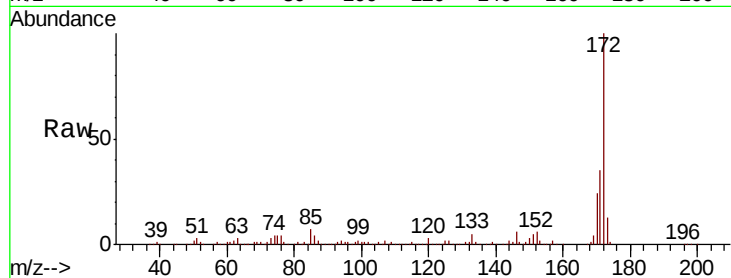




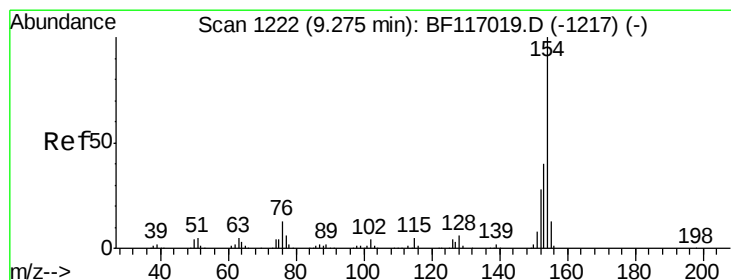
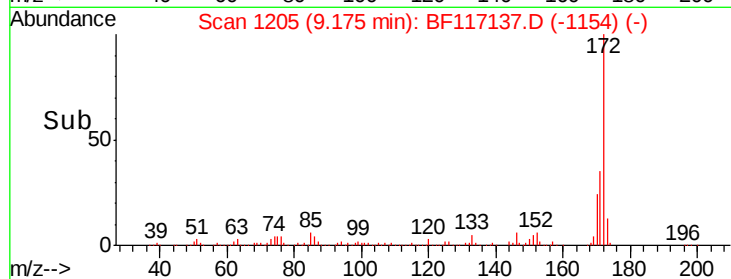
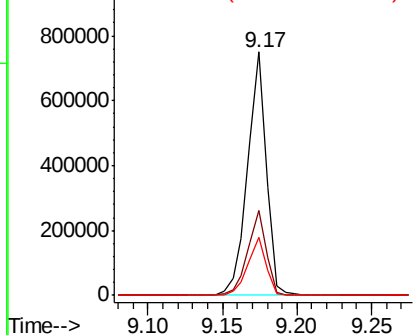
#45
2-Fluorobiphenyl
Concen: 66.109 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	23.7	18.9	28.3

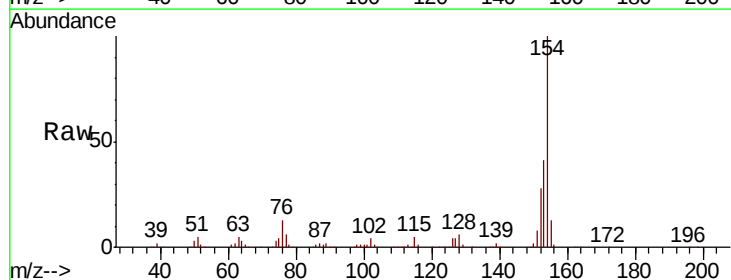


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

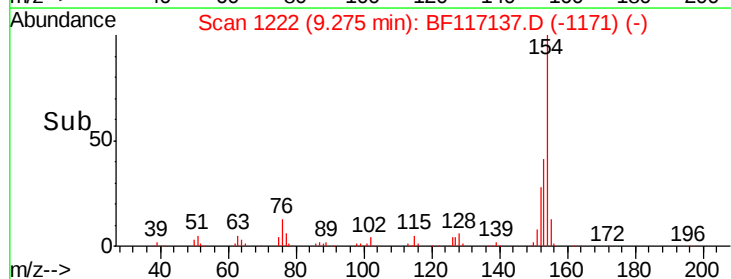
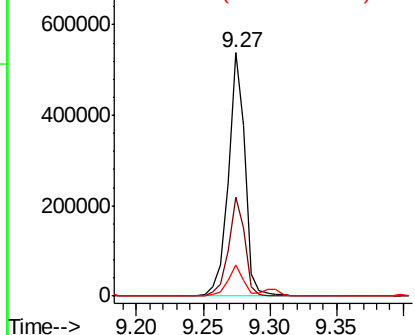


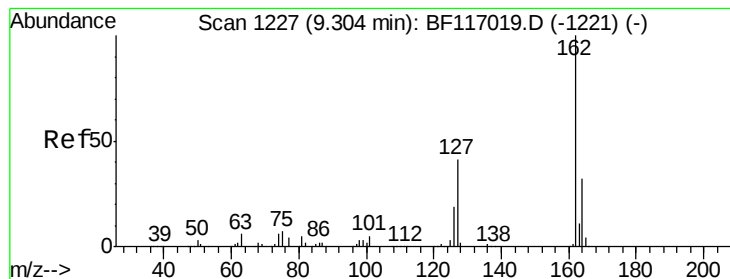
#46
1,1'-Biphenyl
Concen: 38.925 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.0	60.0
76	12.6	0.0	32.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 38.029 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA_F

ClientSampled :

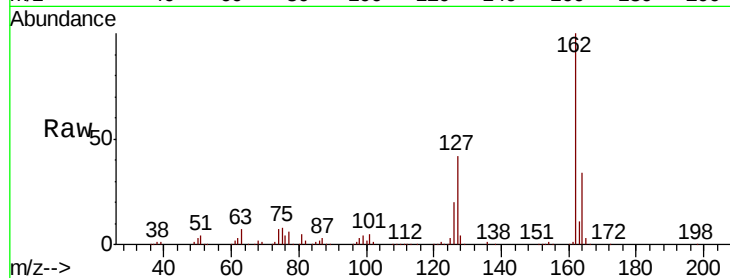
Tot Ion:162 Resp: 365131

Ion Ratio Lower Upper

162 100

127 42.1 34.1 51.1

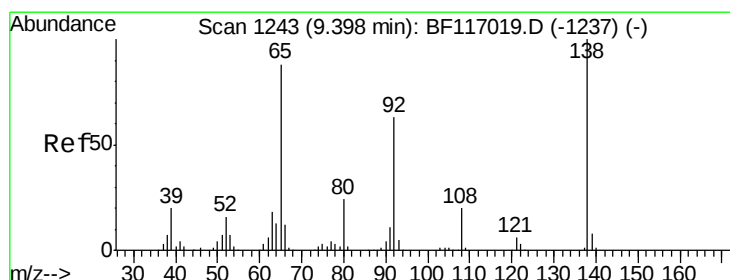
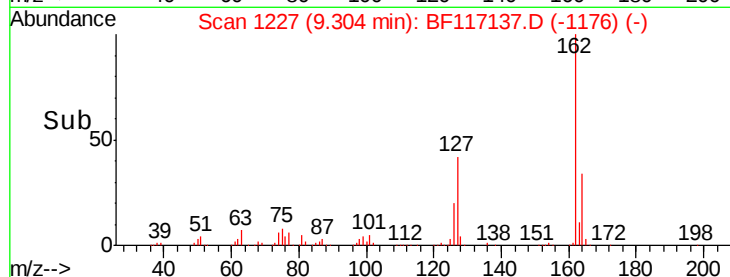
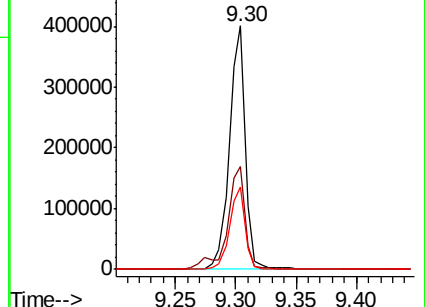
164 33.7 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.405 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

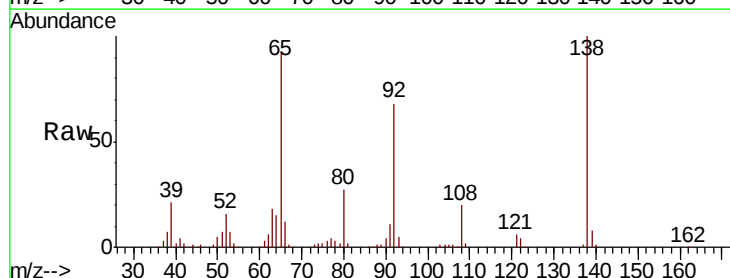
Tgt Ion: 65 Resp: 118274

Ion Ratio Lower Upper

65 100

92 72.4 57.5 86.3

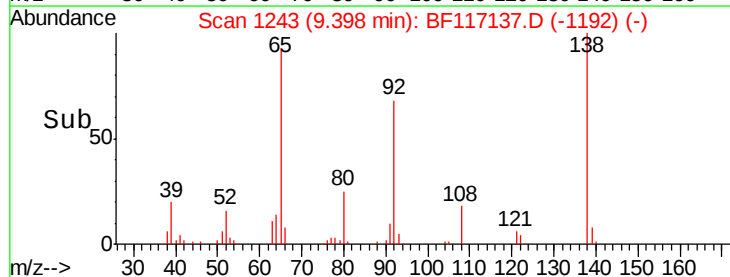
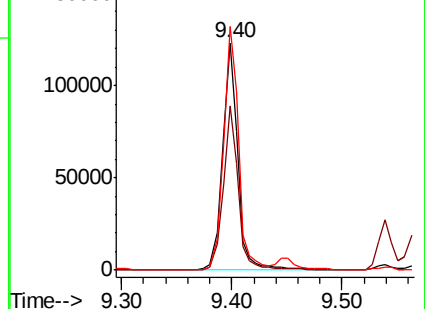
138 107.0 90.6 136.0

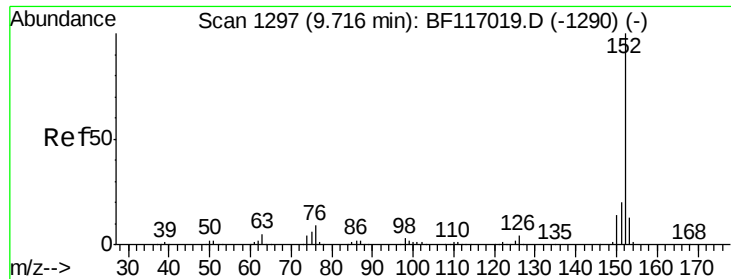


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.592 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA_F

ClientSampleId :

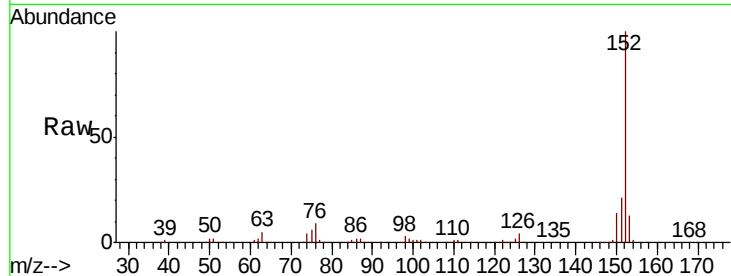
Tot Ion:152 Resp: 583848

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.2

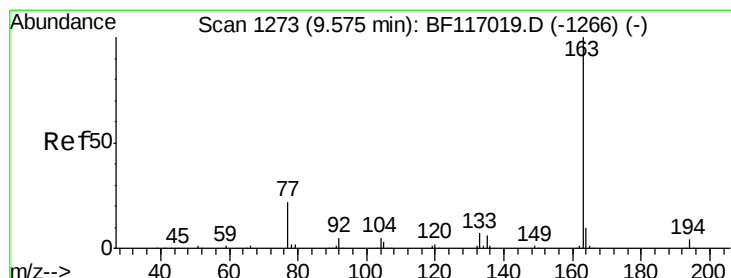
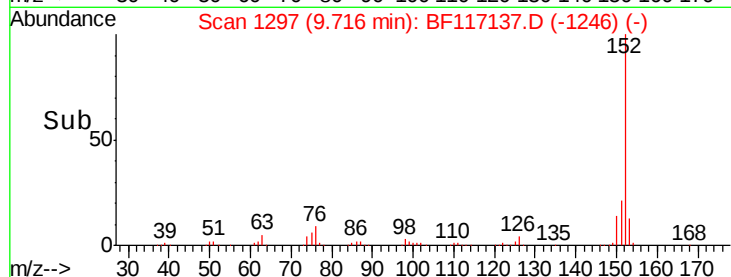
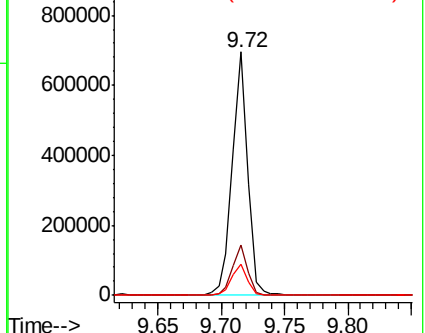
153 13.0 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.015 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

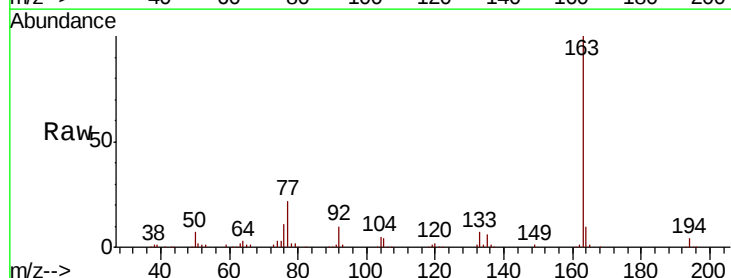
Tgt Ion:163 Resp: 428446

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

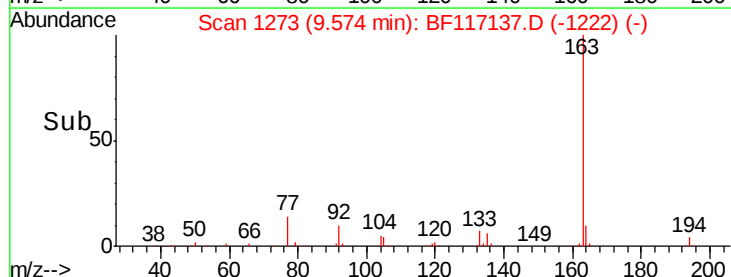
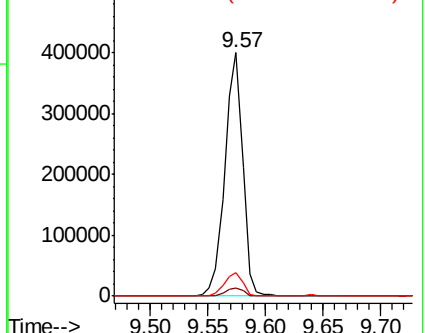
164 9.7 8.2 12.4

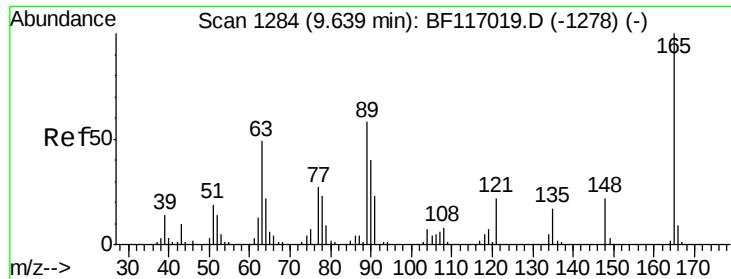


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.040 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :
BNA_F
ClientSampled :

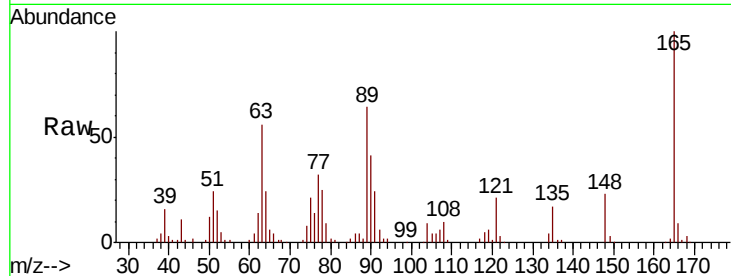
Tot Ion:165 Resp: 94028

Ion Ratio Lower Upper

165 100

63 55.8 41.8 62.8

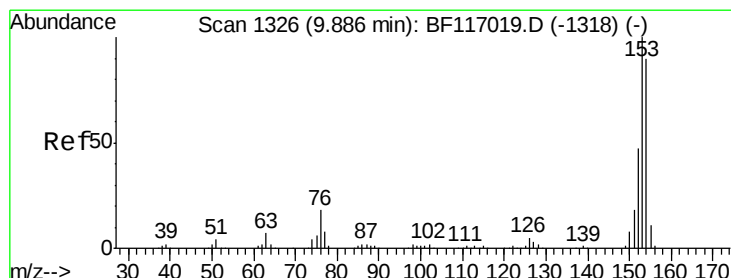
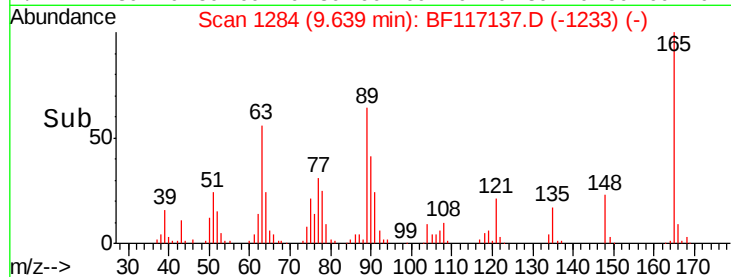
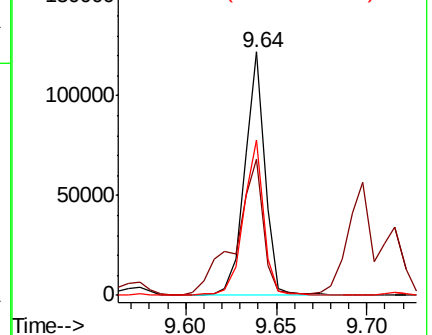
89 63.6 46.5 69.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.049 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

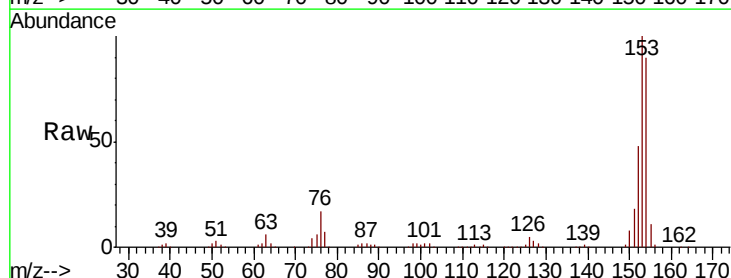
Tgt Ion:154 Resp: 332940

Ion Ratio Lower Upper

154 100

153 111.7 89.0 133.6

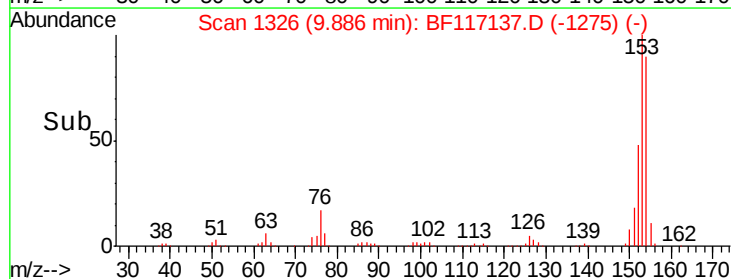
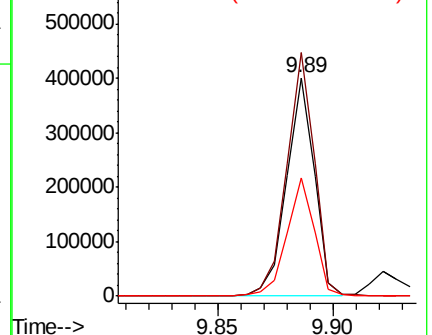
152 53.9 41.9 62.9

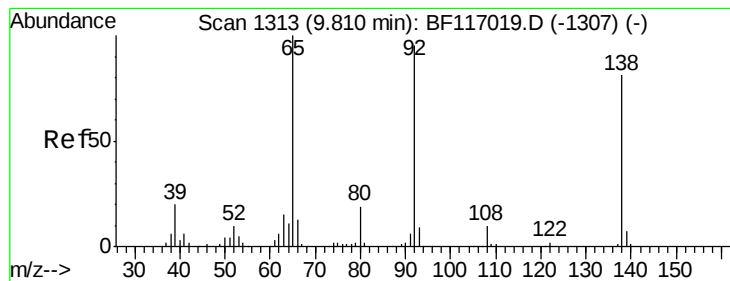


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.379 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA_F

ClientSampleId :

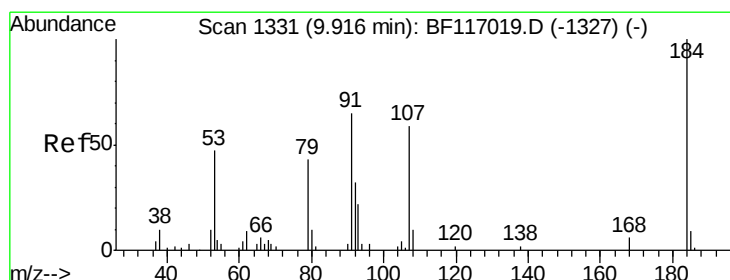
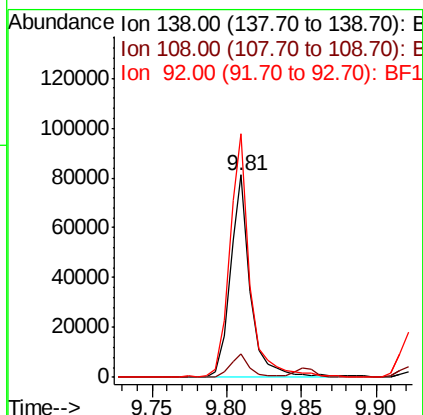
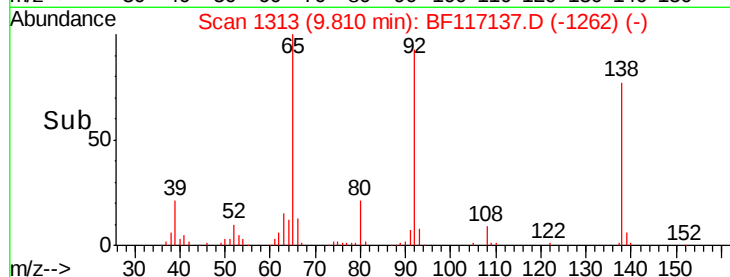
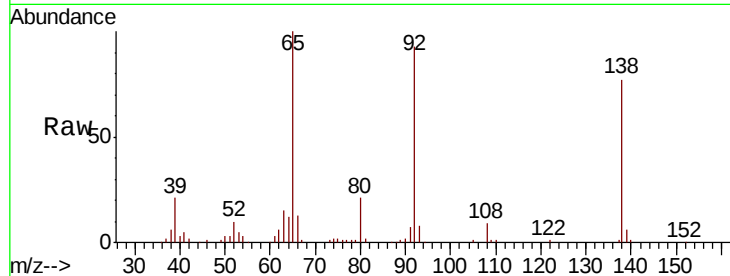
Tot Ion:138 Resp: 77262

Ion Ratio Lower Upper

138 100

108 11.5 9.5 14.3

92 120.2 94.1 141.1



#54

2,4-Dinitrophenol

Concen: 74.297 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

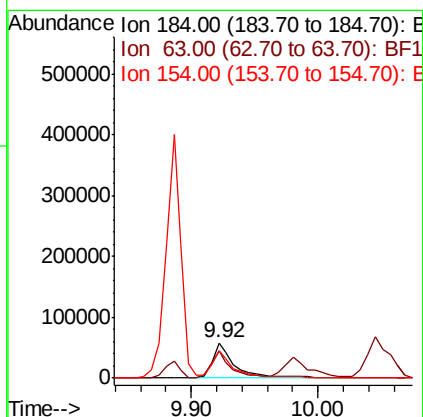
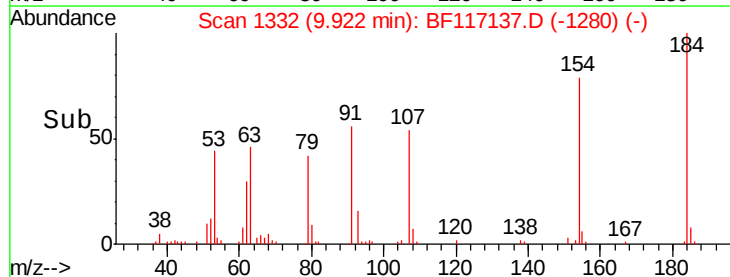
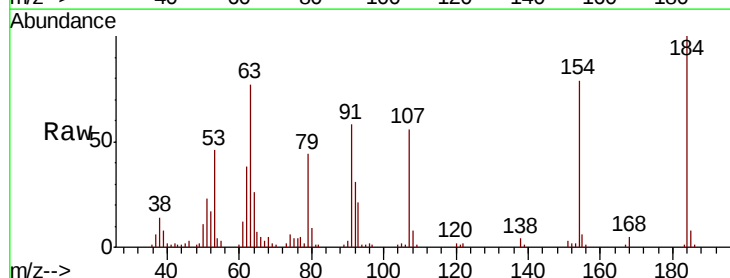
Tgt Ion:184 Resp: 71040

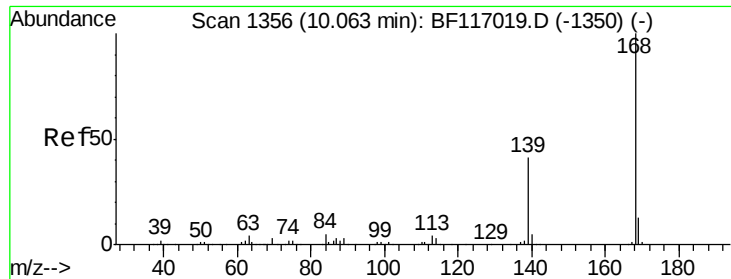
Ion Ratio Lower Upper

184 100

63 77.0 63.8 95.6

154 78.7 60.4 90.6

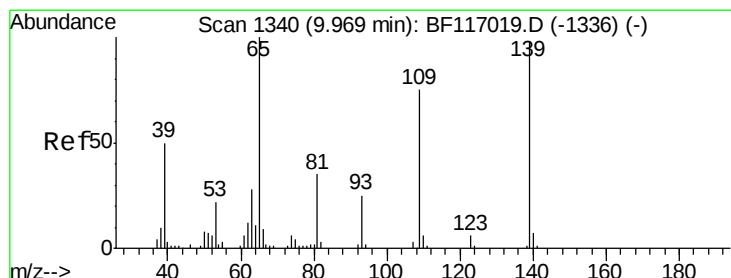
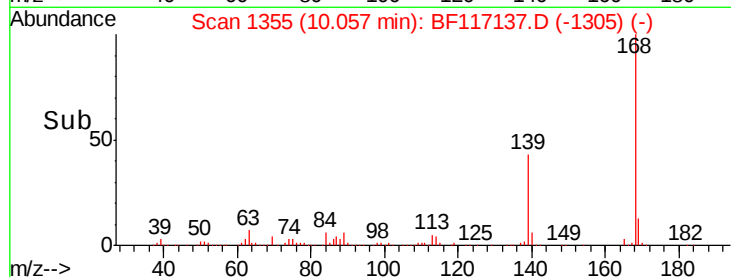
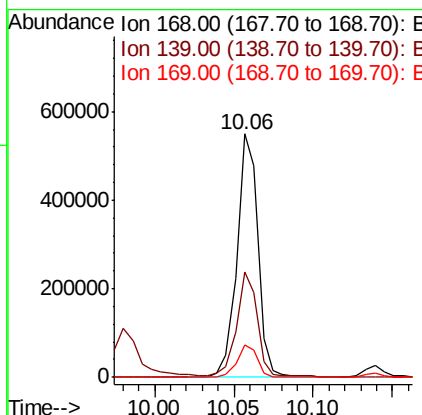
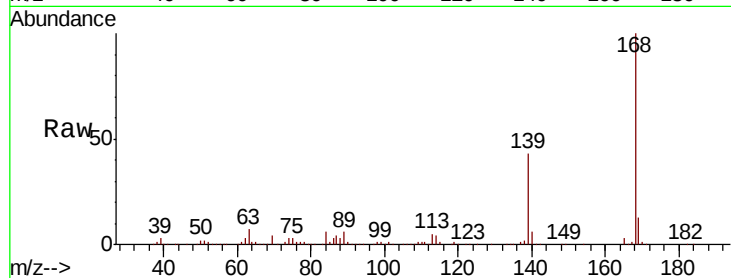




#55
Dibenzenofuran
Concen: 40.315 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

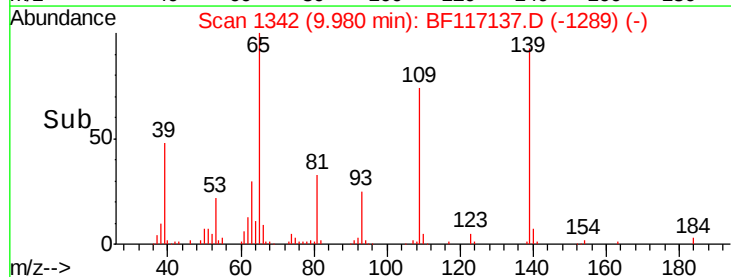
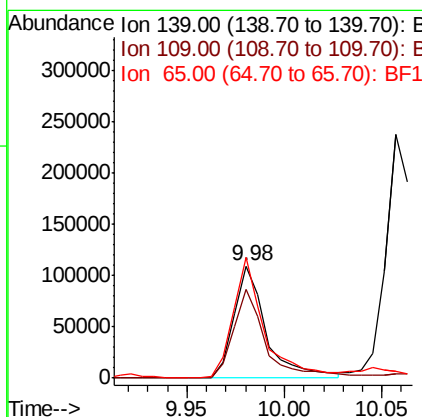
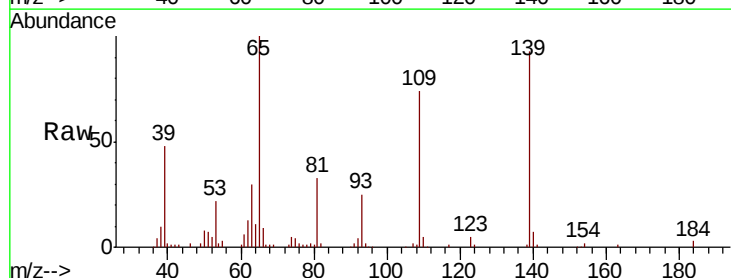
Instrument :
BNA_F
ClientSampleId :

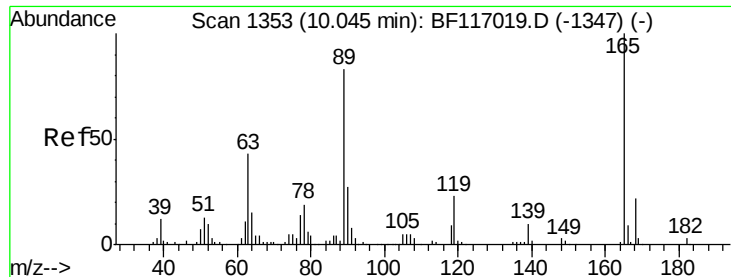
Tot Ion	Ratio	Lower	Upper
168	100		
139	43.1	32.8	49.2
169	13.3	10.5	15.7



#56
4-Nitrophenol
Concen: 69.236 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.3	56.4	96.4
65	107.2	82.5	122.5

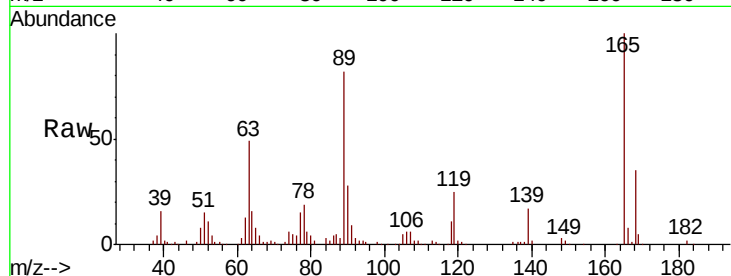




#57
2,4-Dinitrotoluene
Concen: 43.442 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.5	35.0	52.4
89	81.9	66.1	99.1
182	2.5	2.0	3.0



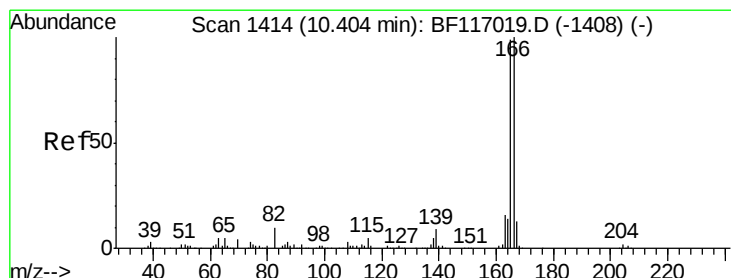
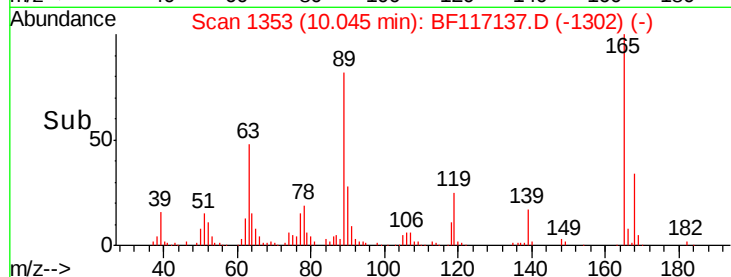
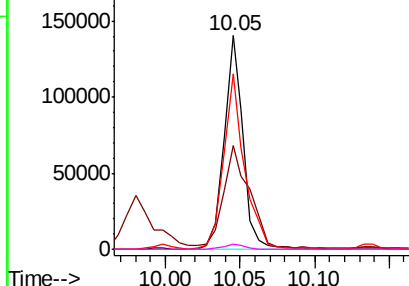
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

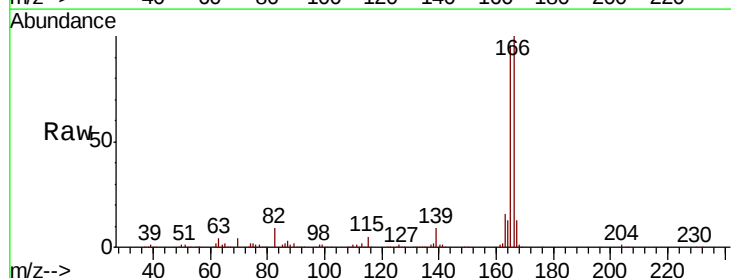
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.407 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.9	118.3
167	13.1	10.6	15.8

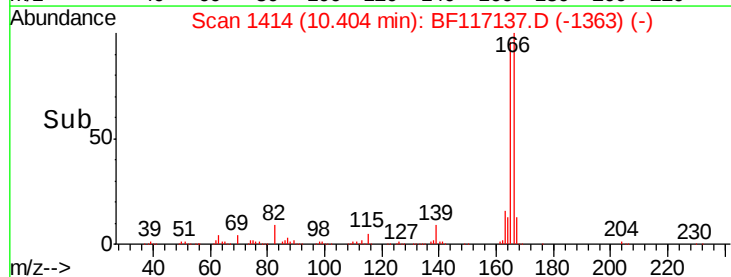
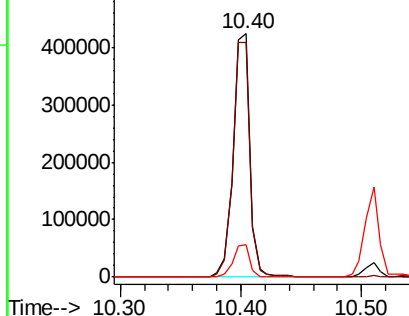


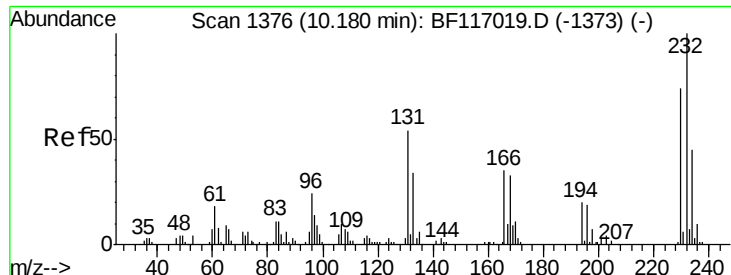
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

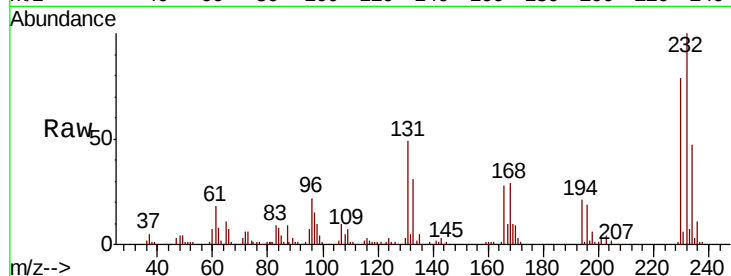




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.999 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.04 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.0	45.3	67.9
130	2.8	1.8	2.8
166	30.1	29.4	44.2



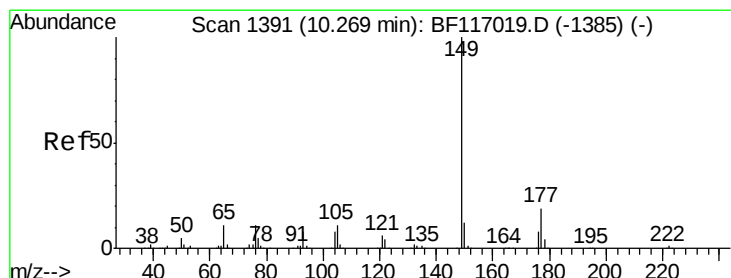
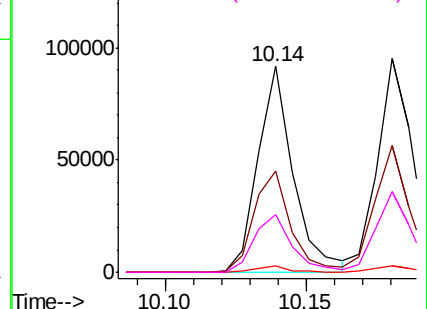
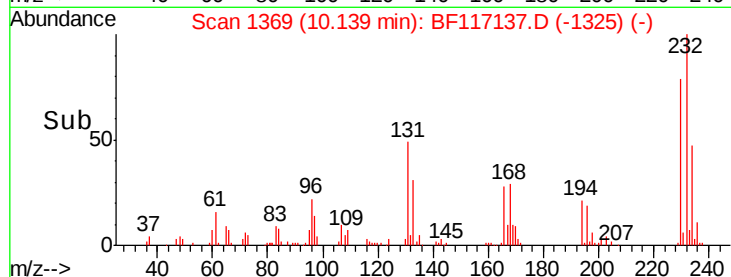
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

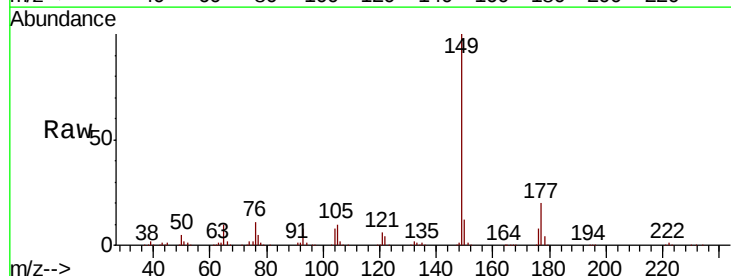
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.838 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.3	15.2	22.8
150	12.3	9.9	14.9

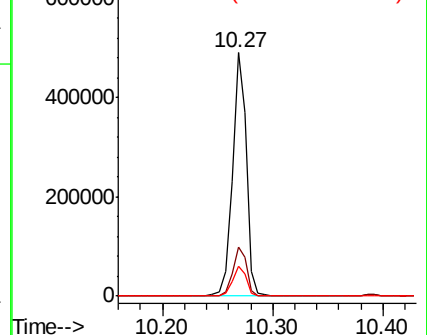
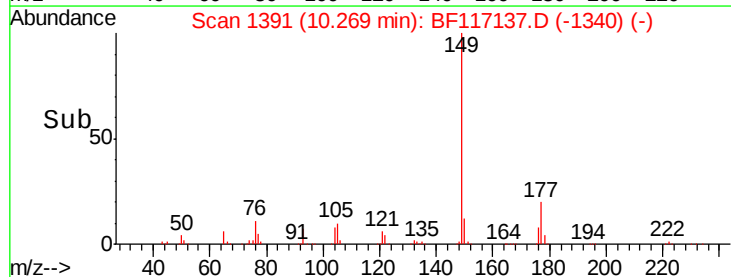


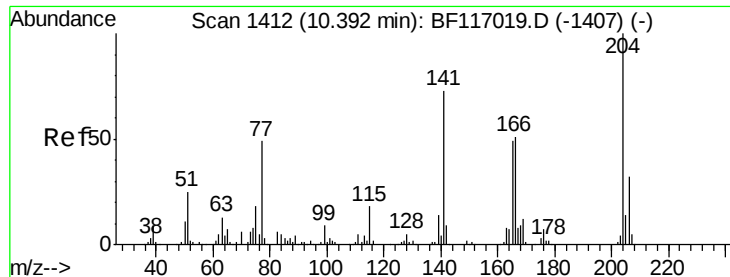
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

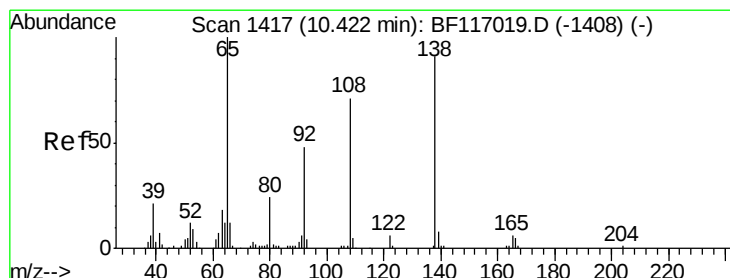
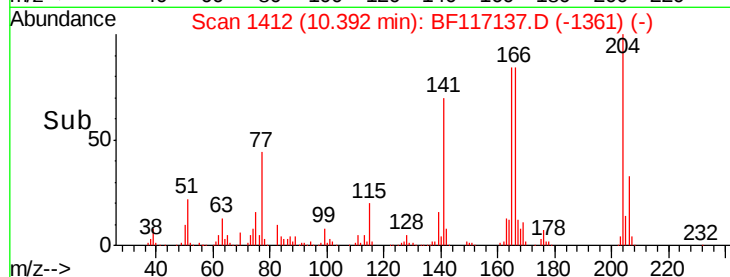
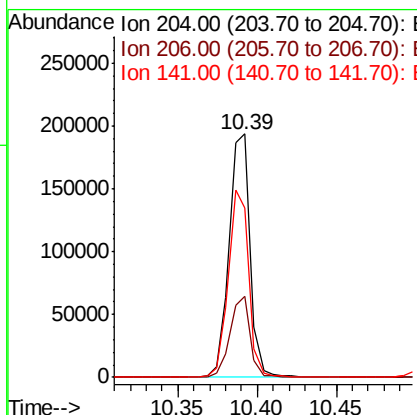
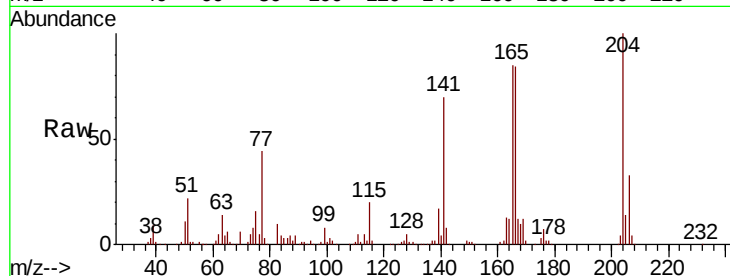




#61
 4-Chlorophenyl-phenylether
 Concen: 40.833 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

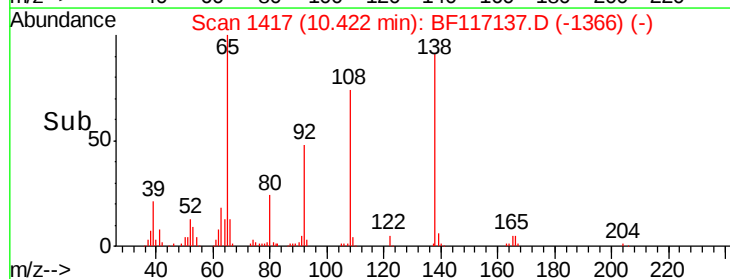
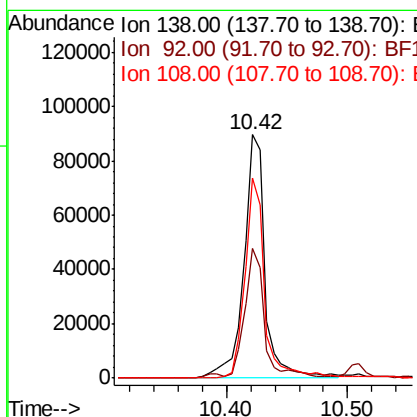
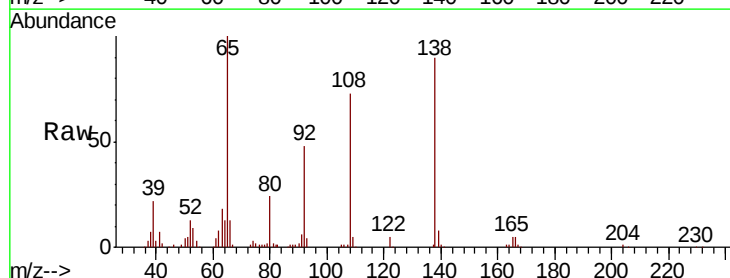
Instrument :
 BNA_F
 ClientSampled :

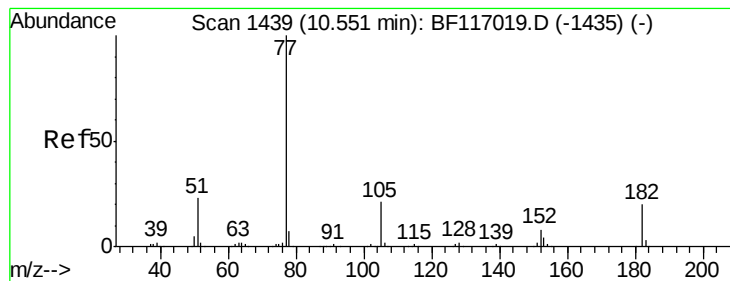
Tot Ion:204 Resp: 179030
 Ion Ratio Lower Upper
 204 100
 206 33.3 26.0 39.0
 141 69.8 58.2 87.2



#62
 4-Nitroaniline
 Concen: 37.617 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Tgt Ion:138 Resp: 110393
 Ion Ratio Lower Upper
 138 100
 92 53.4 32.9 72.9
 108 82.0 58.3 98.3





#63

Azobenzene

Concen: 40.146 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 442994

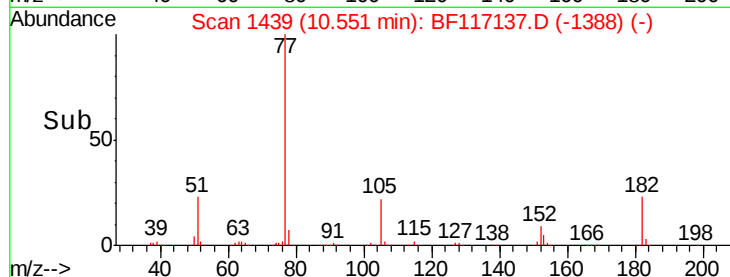
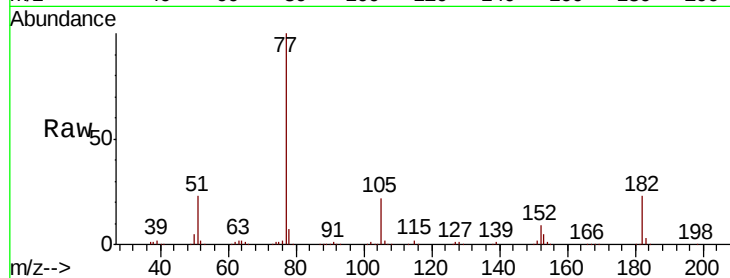
Ion Ratio Lower Upper

77 100

182 23.3 0.4 40.4

105 22.0 0.9 40.9

51 22.6 2.8 42.8

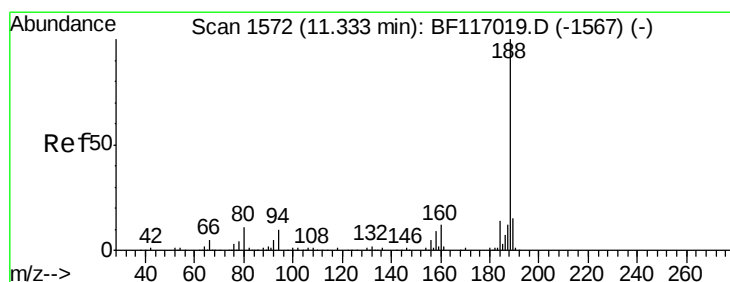
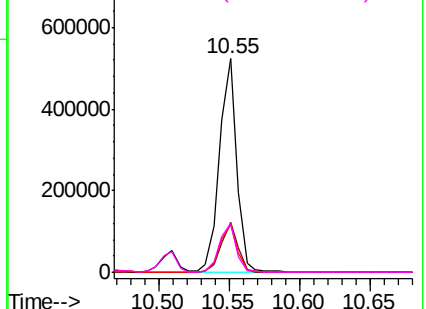


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

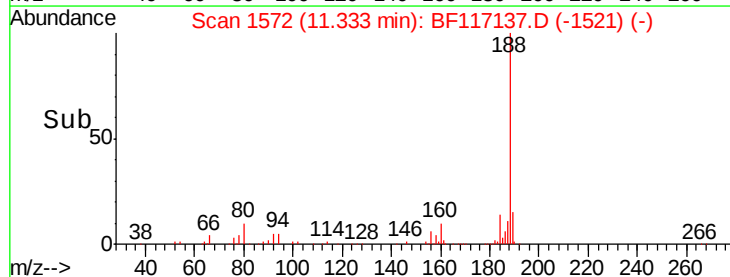
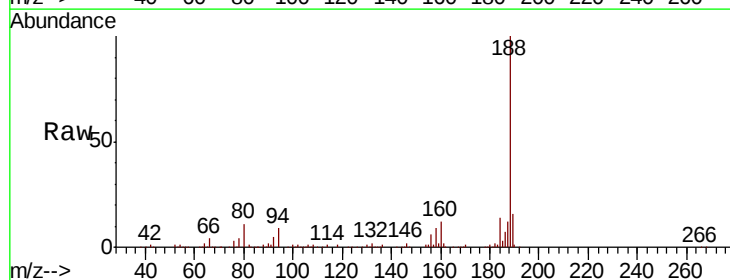
Tgt Ion: 188 Resp: 245575

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

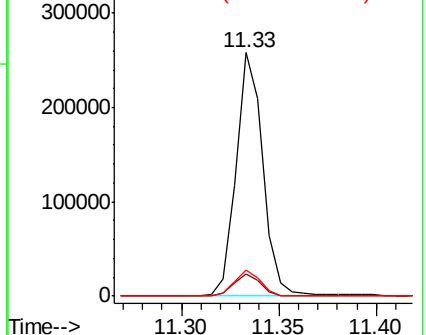
80 10.8 9.0 13.6

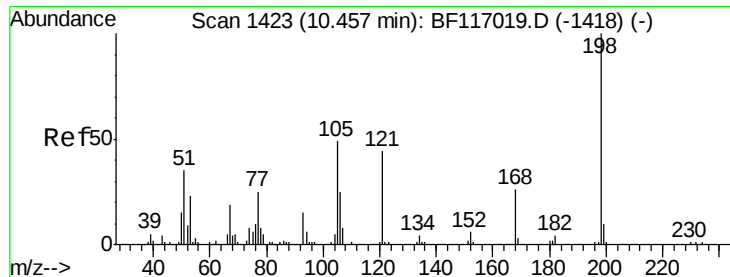


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

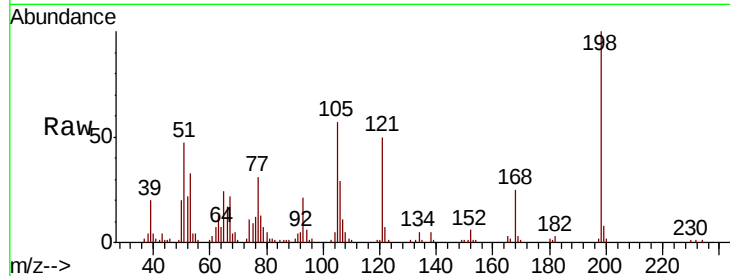




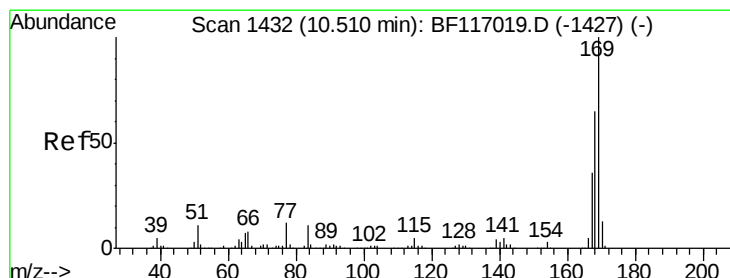
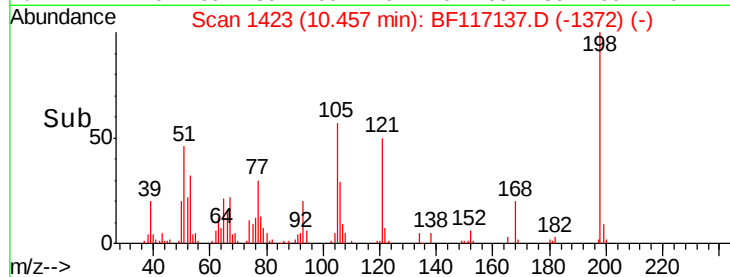
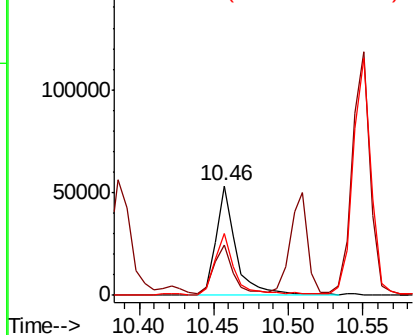
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.434 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 50356
 Ion Ratio Lower Upper
 198 100
 51 46.6 18.7 58.7
 105 56.7 30.2 70.2

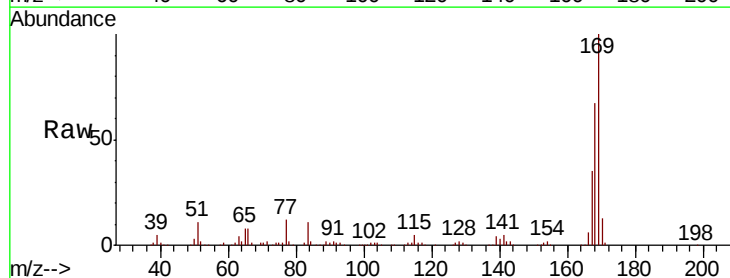


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

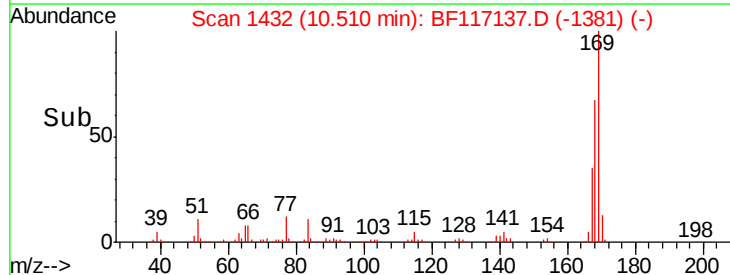
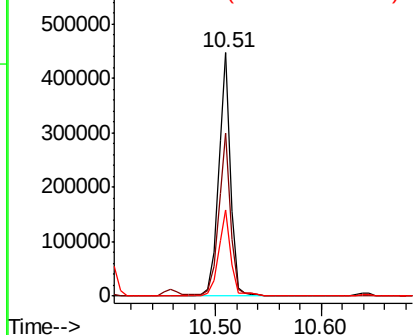


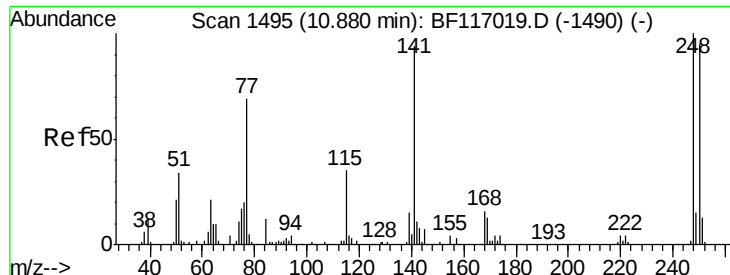
#66
 n-Nitrosodiphenylamine
 Concen: 42.288 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Tgt Ion:169 Resp: 358651
 Ion Ratio Lower Upper
 169 100
 168 67.2 52.2 78.2
 167 35.2 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

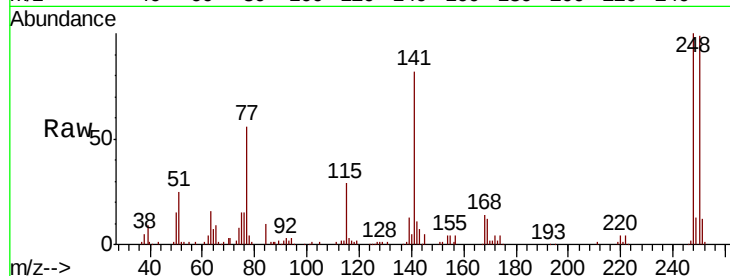




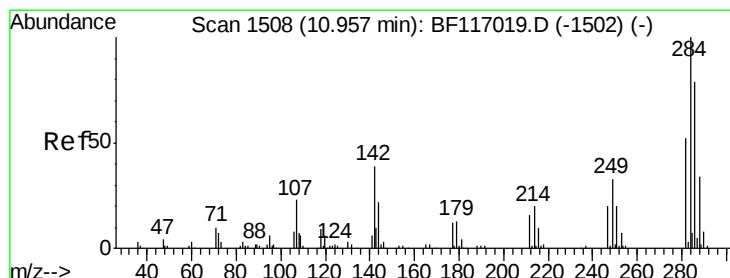
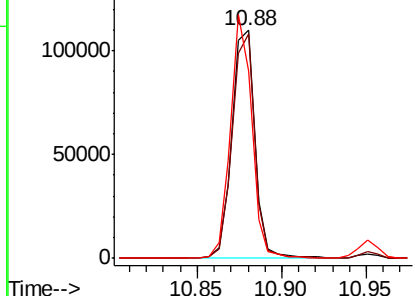
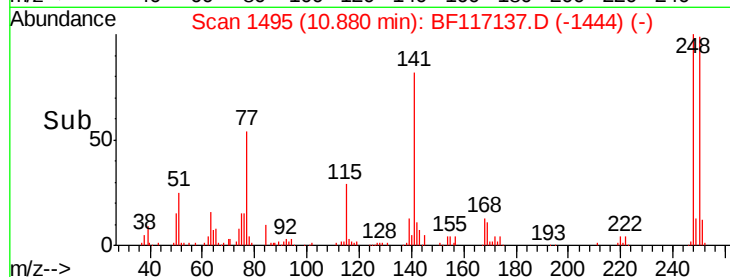
#67
4-Bromophenyl-phenylether
Concen: 41.238 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 103421
Ion Ratio Lower Upper
248 100
250 98.5 76.2 114.4
141 82.5 75.0 112.4

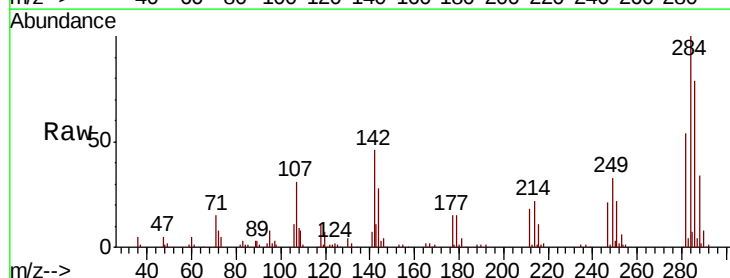


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

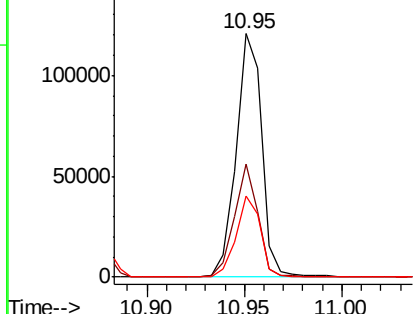
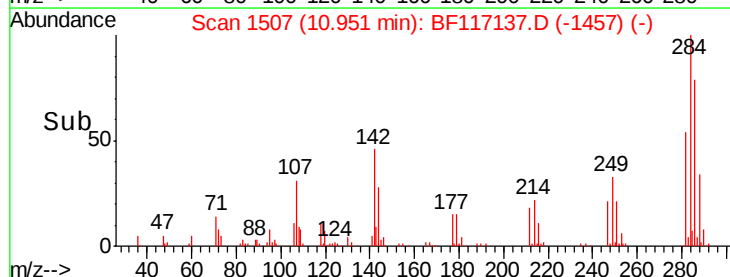


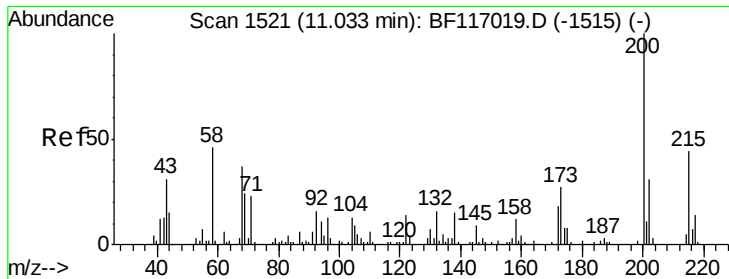
#68
Hexachlorobenzene
Concen: 39.949 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Tgt Ion:284 Resp: 109581
Ion Ratio Lower Upper
284 100
142 46.3 31.4 47.2
249 33.2 26.5 39.7



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

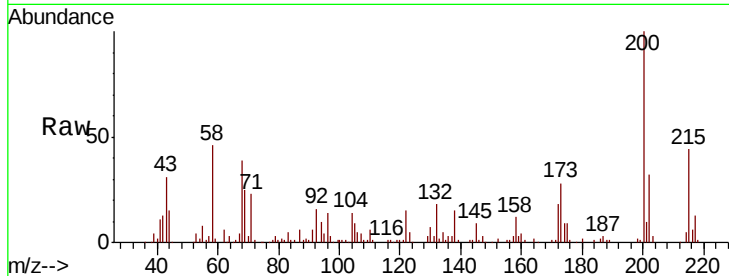




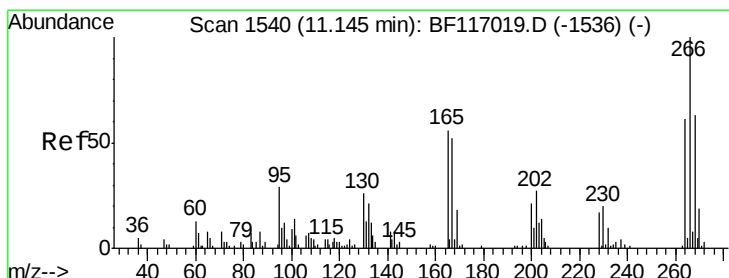
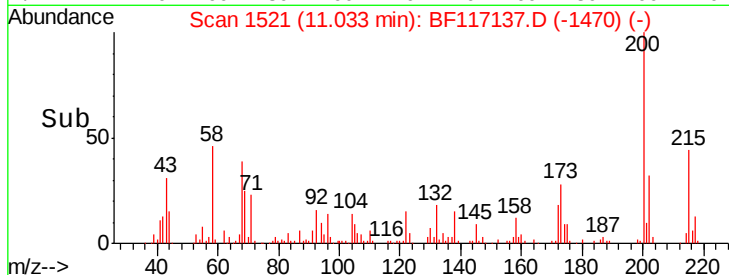
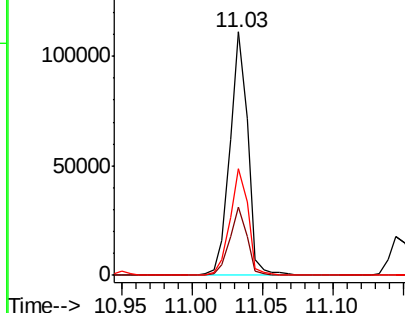
#69
 Atrazine
 Concen: 47.176 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	6.9	46.9
215	43.7	23.8	63.8

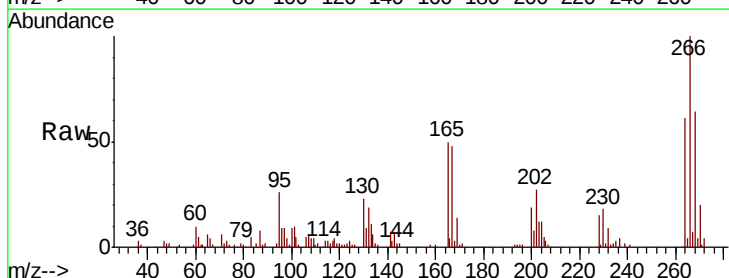


Abundance Ion 200.00 (199.70 to 200.70): E
 150000 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

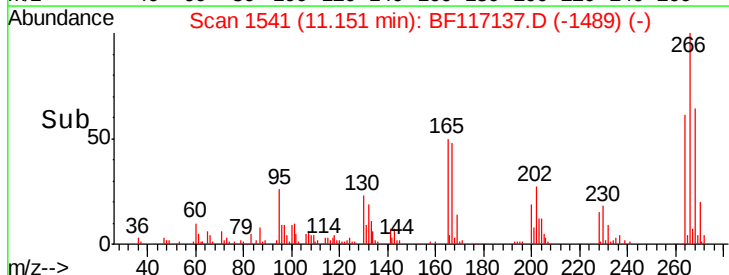
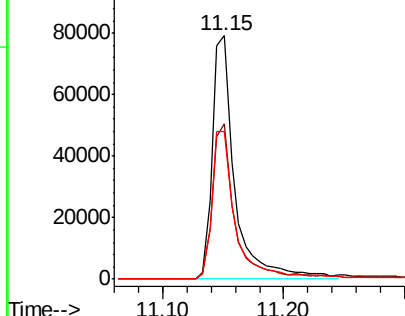


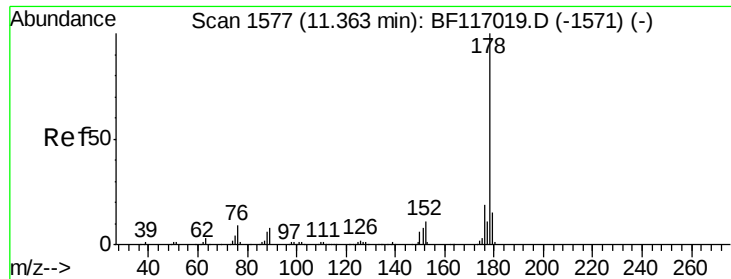
#70
 Pentachlorophenol
 Concen: 79.454 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.5	75.7
264	60.6	48.8	73.2



Abundance Ion 265.70 (265.40 to 266.40): E
 100000 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

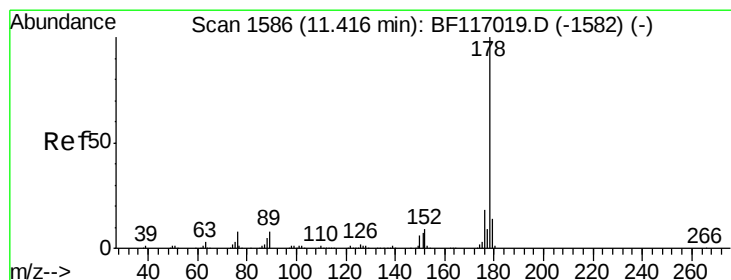
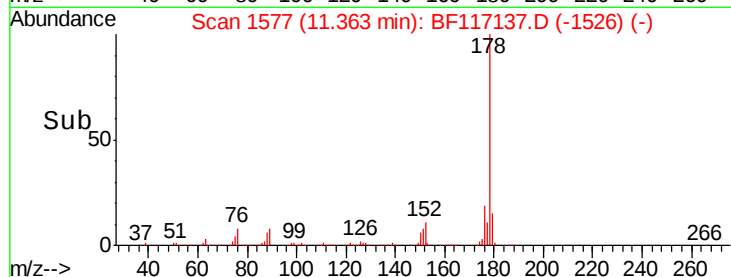
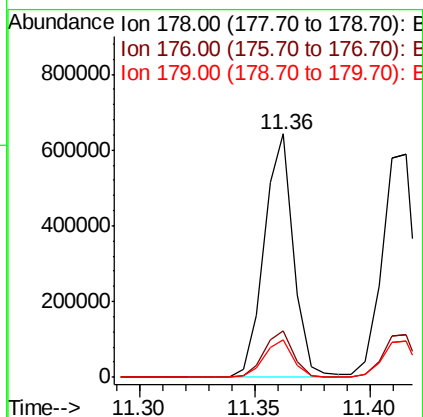
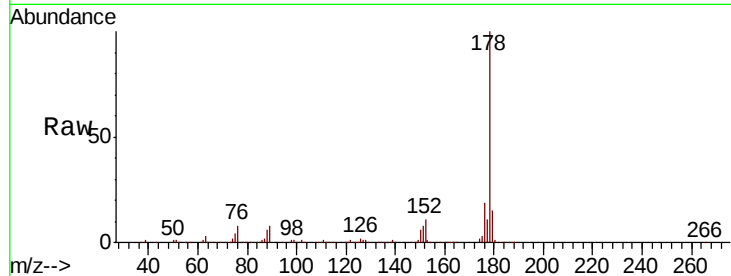




#71
Phenanthrene
Concen: 40.612 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

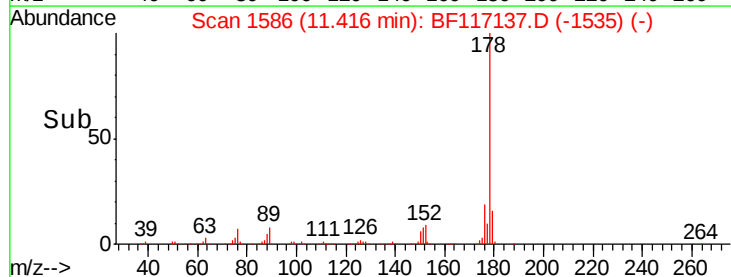
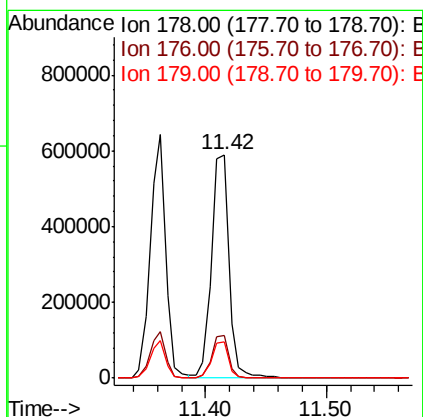
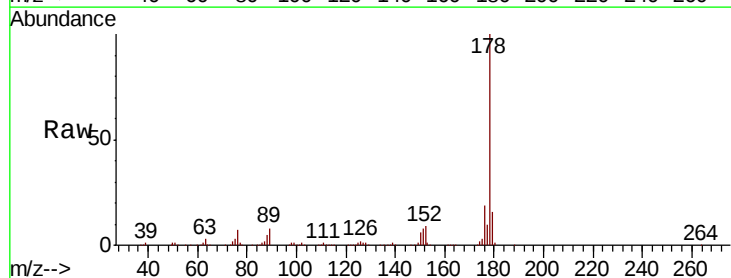
Instrument :
BNA_F
ClientSampleId :

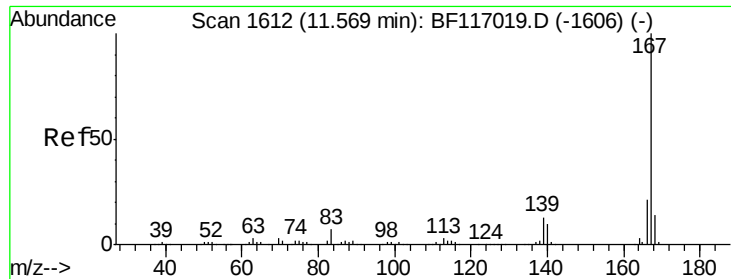
Tot Ion:178 Resp: 566477
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.2 12.4 18.6



#72
Anthracene
Concen: 41.256 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Tgt Ion:178 Resp: 587504
Ion Ratio Lower Upper
178 100
176 19.1 14.6 21.8
179 16.0 11.6 17.4

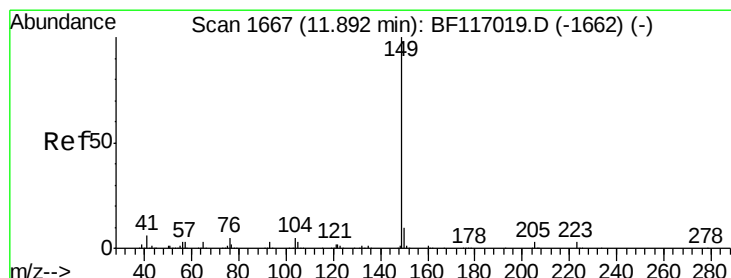
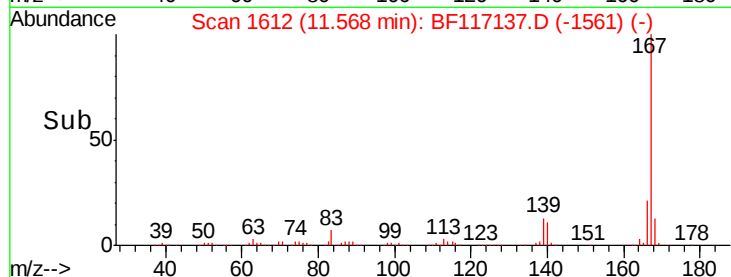
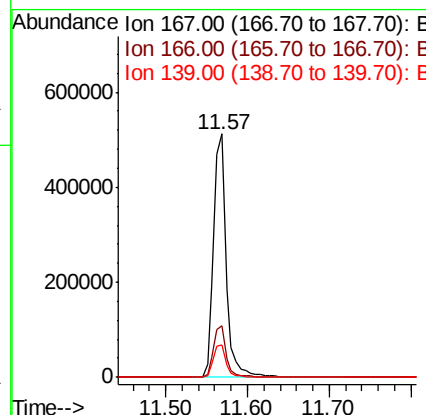
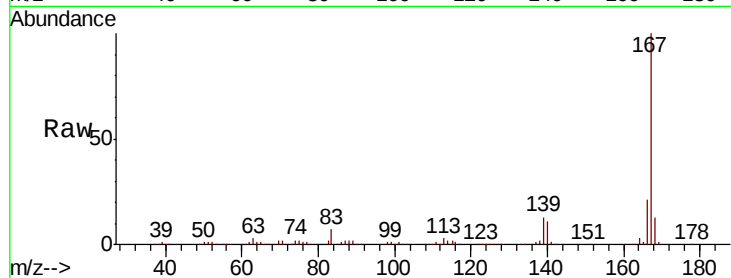




#73
 Carbazole
 Concen: 40.689 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

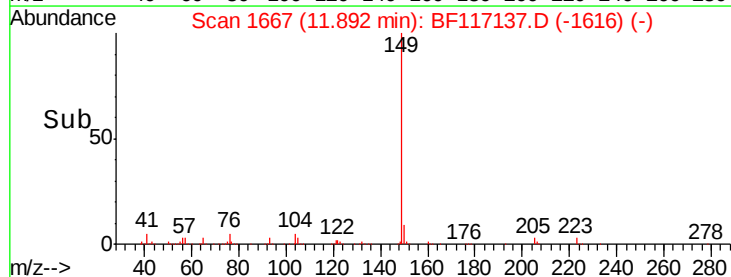
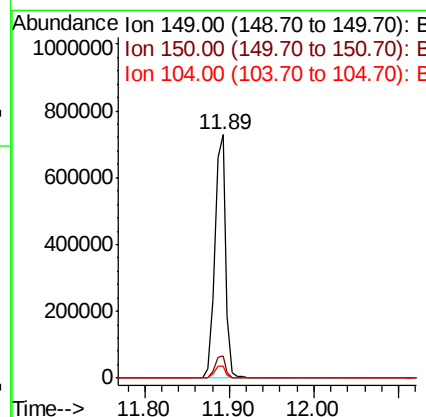
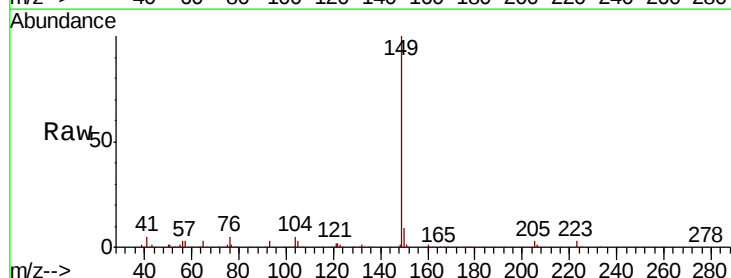
Instrument :
 BNA_F
 ClientSampleId :

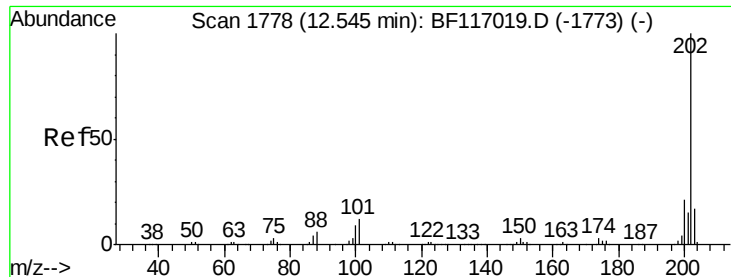
Tot Ion:167 Resp: 550000
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 41.377 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Tgt Ion:149 Resp: 665445
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.9 4.2 6.4

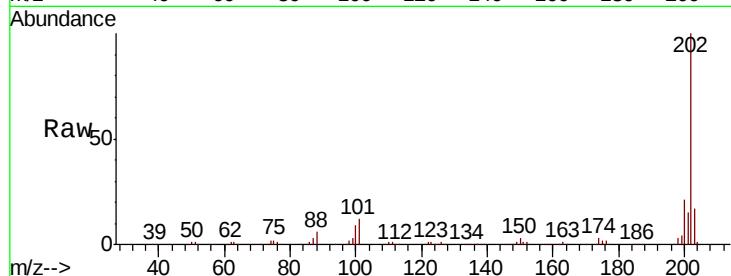




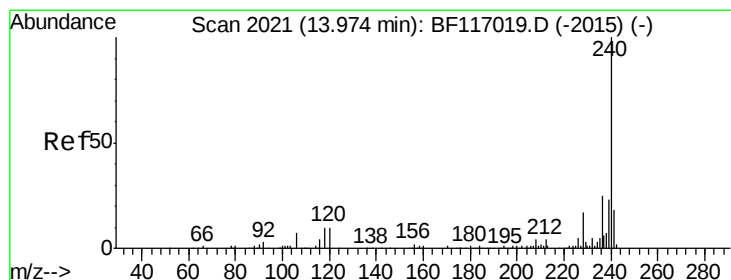
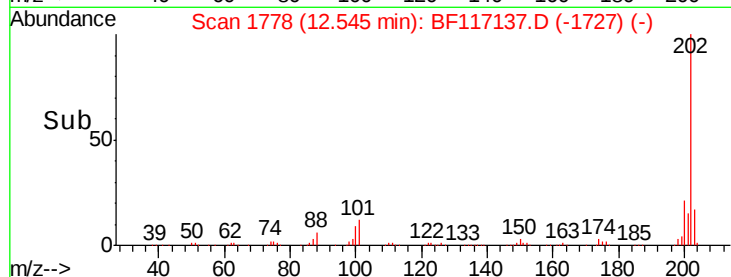
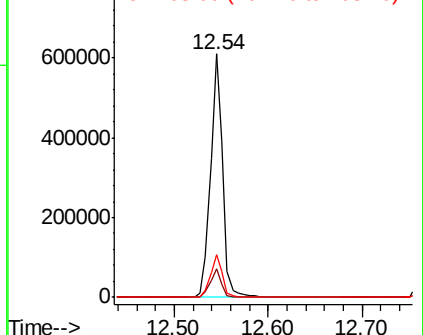
#75
 Fluoranthene
 Concen: 38.967 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 558478
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 32.3
 203 17.4 0.0 37.1

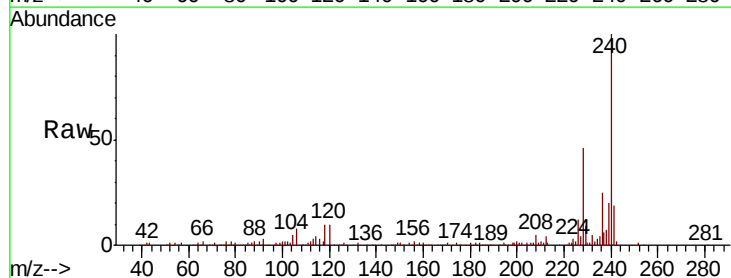


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

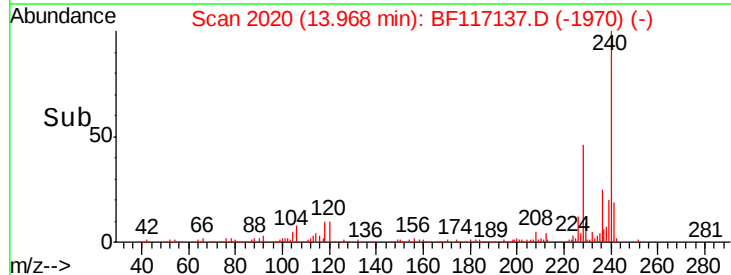
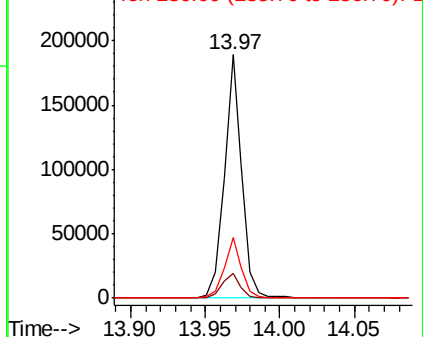


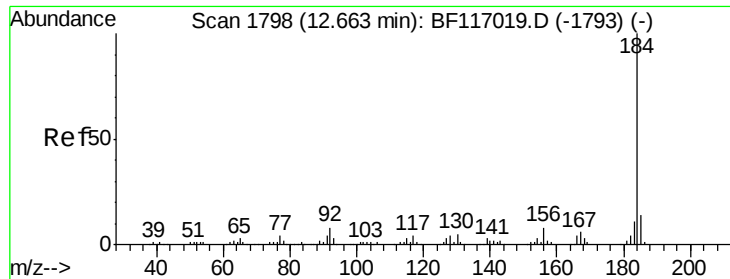
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Tgt Ion:240 Resp: 155042
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.3 12.5
 236 25.0 20.3 30.5



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.546 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA_F

ClientSampleId :

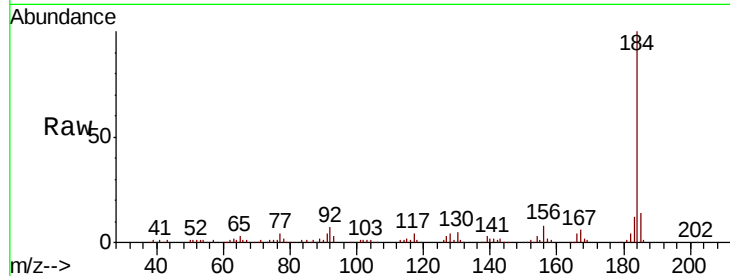
Tot Ion:184 Resp: 207492

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

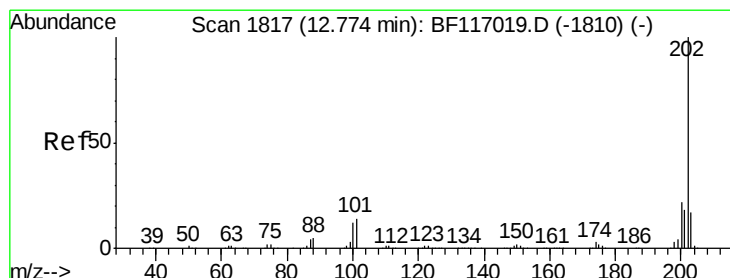
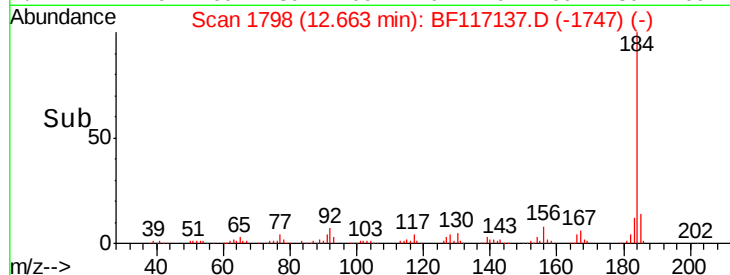
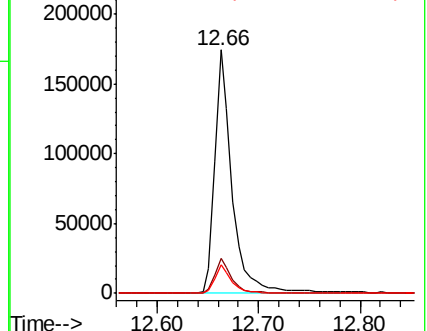
183 11.6 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.194 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

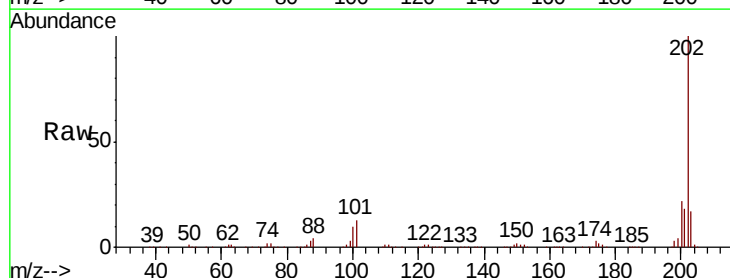
Tgt Ion:202 Resp: 561916

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

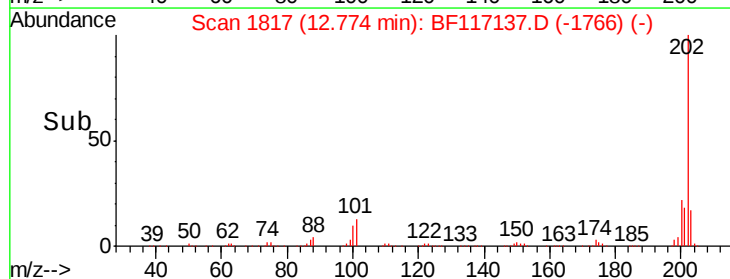
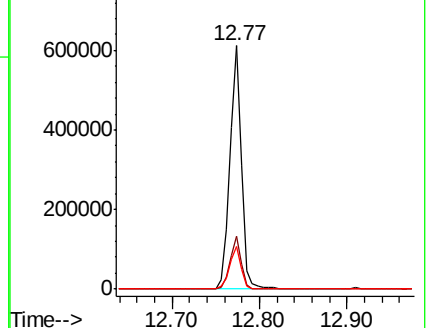
203 17.5 14.0 21.0

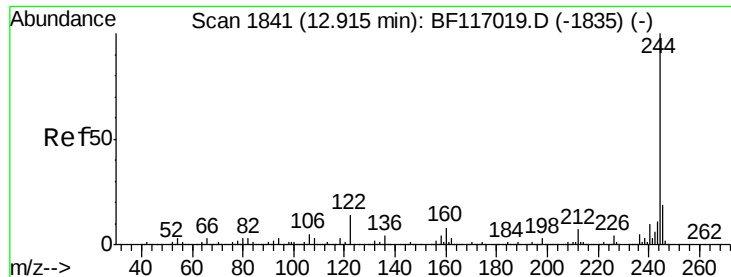


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

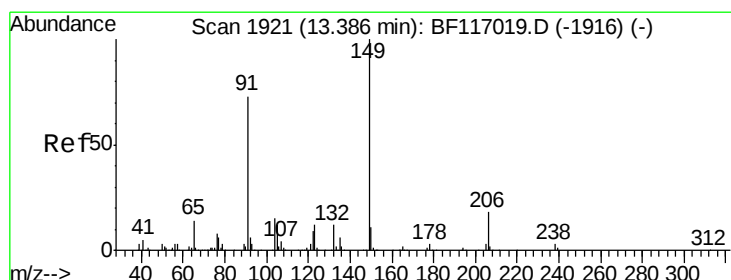
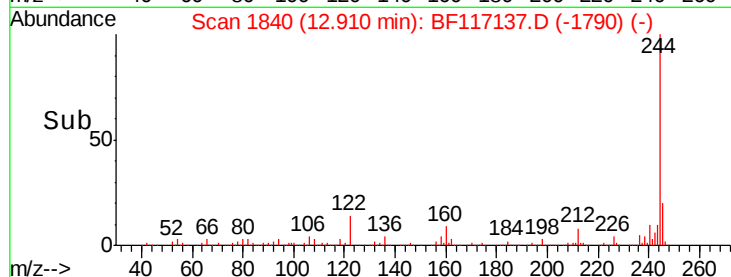
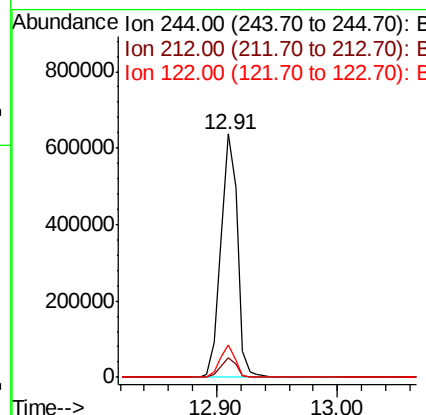
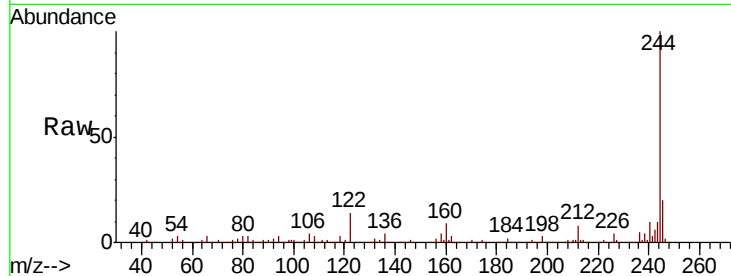




#79
 Terphenyl-d14
 Concen: 71.656 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

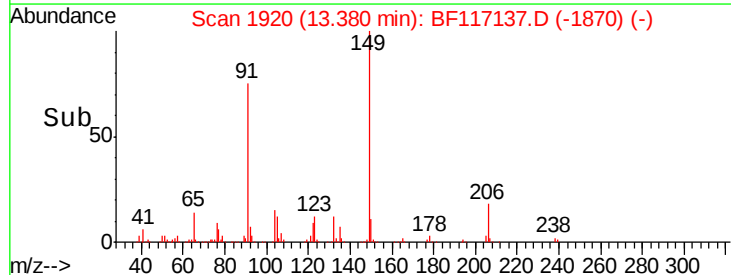
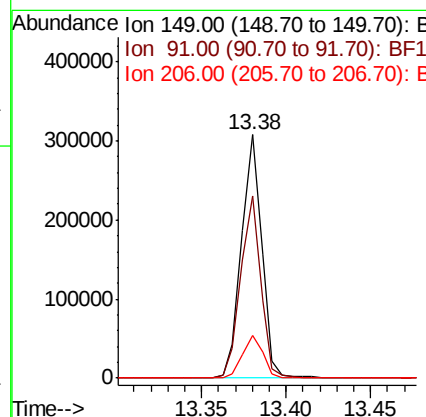
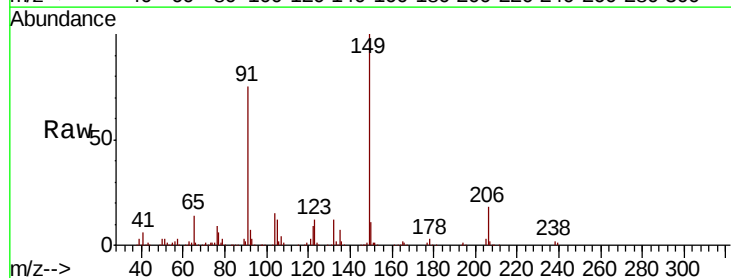
Instrument :
 BNA_F
 ClientSampleId :

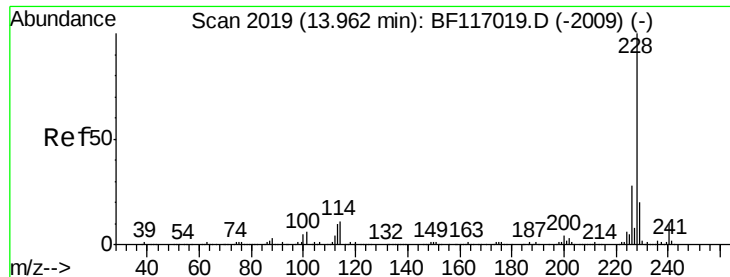
Tot Ion:244 Resp: 594345
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 13.6 11.3 16.9



#80
 Butylbenzylphthalate
 Concen: 41.920 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117137.D
 Acq: 18 Sep 2019 10:15

Tgt Ion:149 Resp: 257687
 Ion Ratio Lower Upper
 149 100
 91 75.1 58.8 88.2
 206 17.6 14.1 21.1





#81

Benzo(a)anthracene

Concen: 39.249 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA_F

ClientSampled :

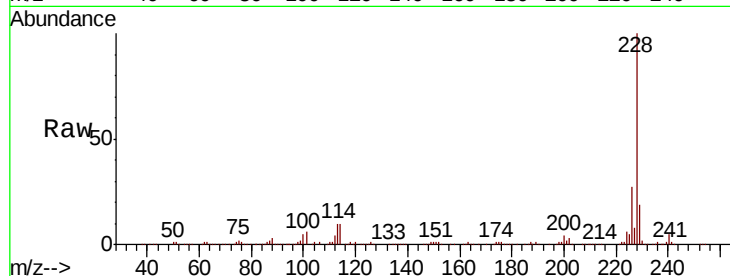
Tot Ion:228 Resp: 406558

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

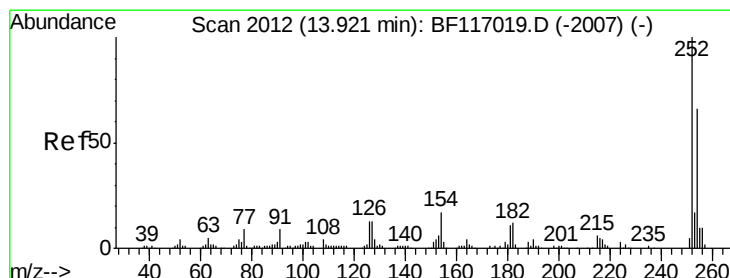
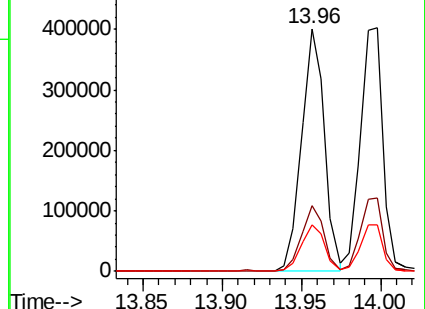
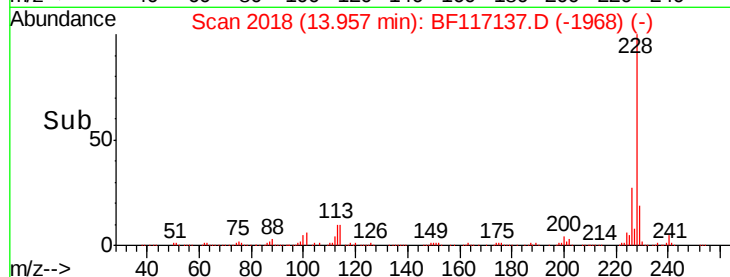
229 19.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.027 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

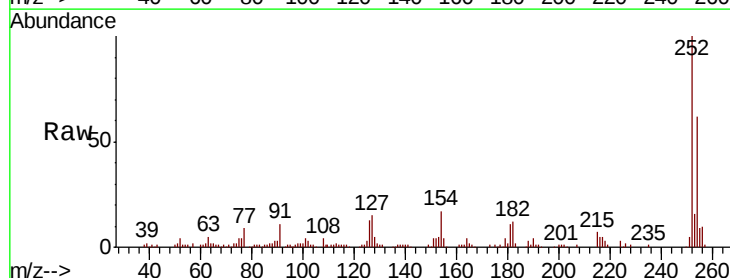
Tgt Ion:252 Resp: 100231

Ion Ratio Lower Upper

252 100

254 62.0 52.6 79.0

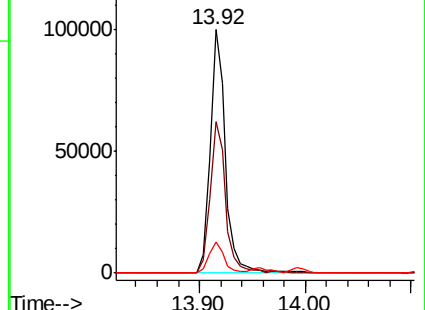
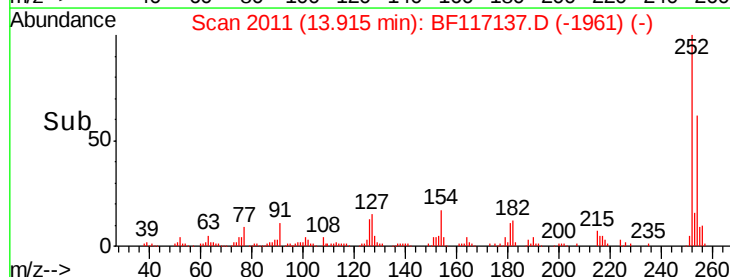
126 12.6 10.4 15.6

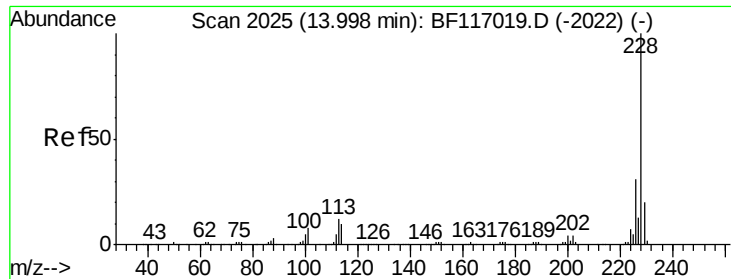


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.144 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA_F

ClientSampleId :

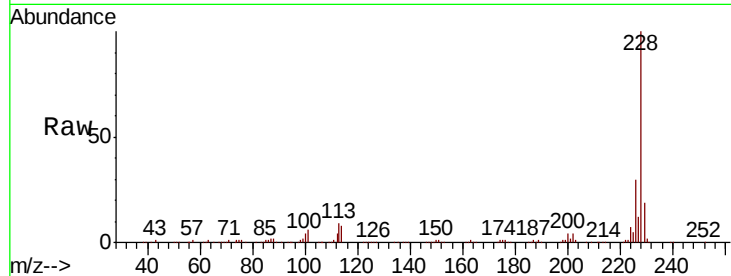
Tot Ion:228 Resp: 405572

Ion Ratio Lower Upper

228 100

226 30.2 24.8 37.2

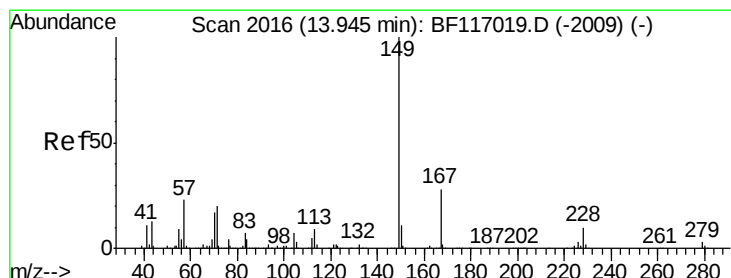
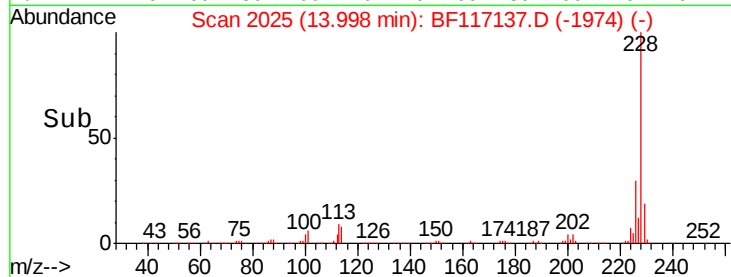
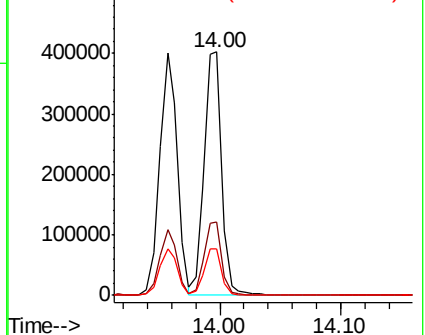
229 18.9 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.399 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

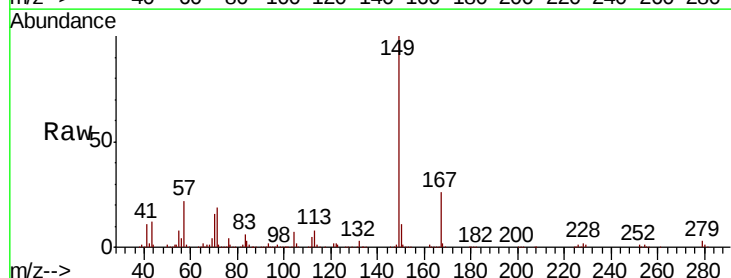
Tgt Ion:149 Resp: 343968

Ion Ratio Lower Upper

149 100

167 26.3 22.2 33.2

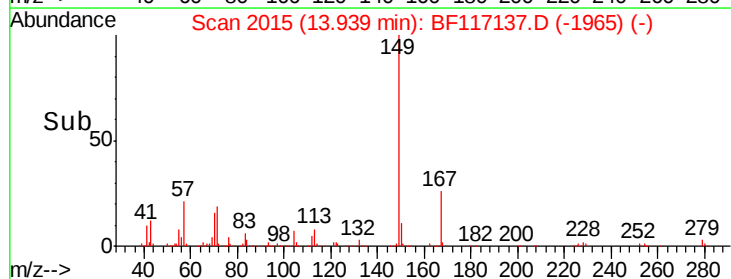
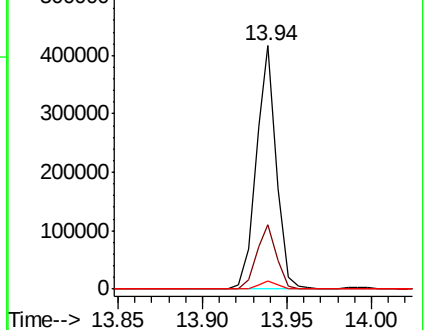
279 3.4 2.8 4.2

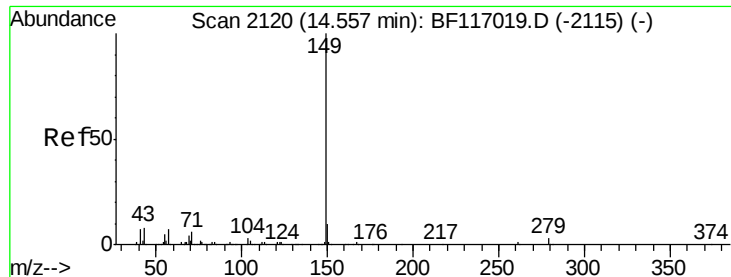


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

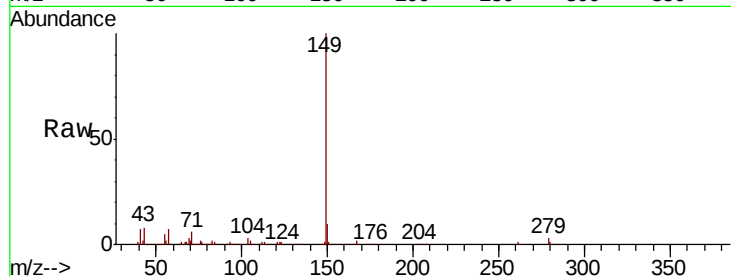




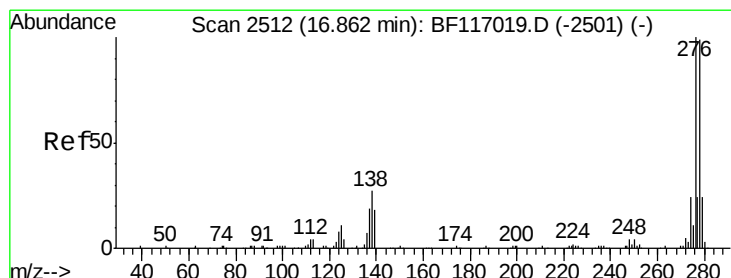
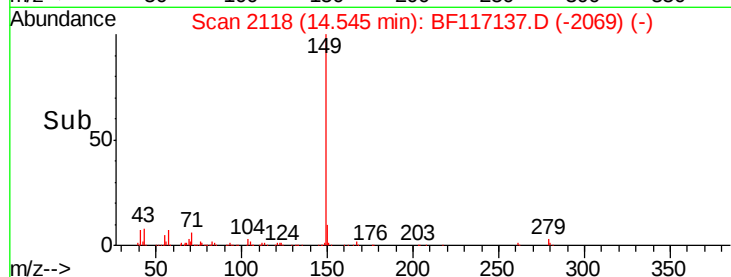
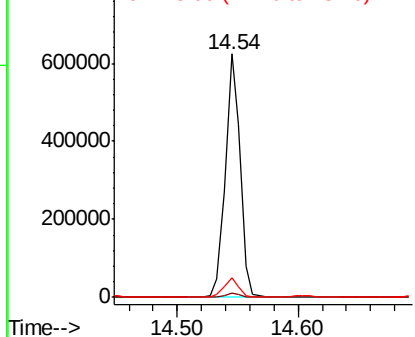
#85
Di-n-octyl phthalate
Concen: 42.102 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 525200
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.3 6.2 9.4

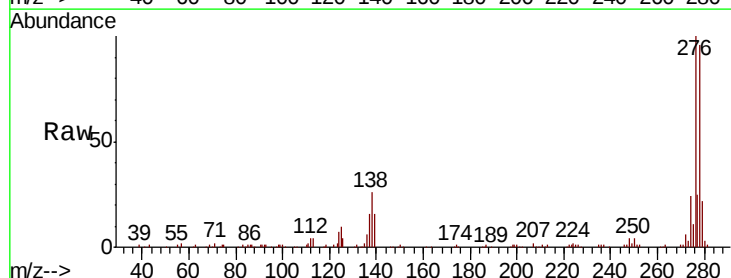


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

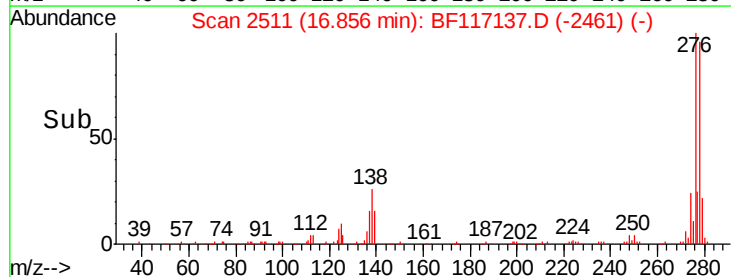
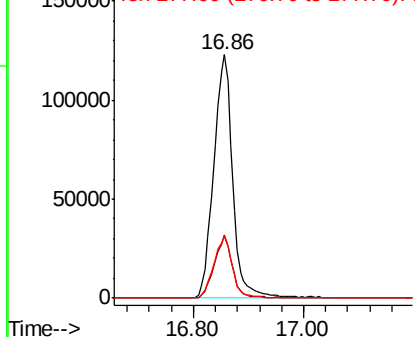


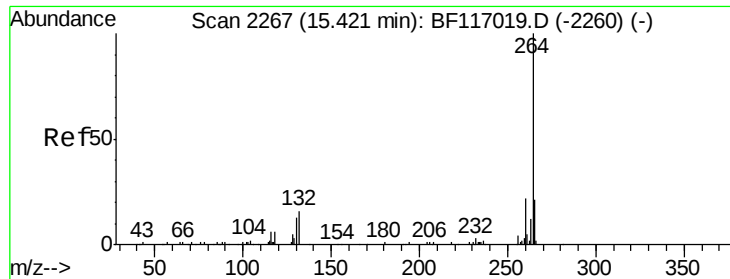
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.930 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Tgt Ion:276 Resp: 294314
Ion Ratio Lower Upper
276 100
138 24.2 20.7 31.1
277 24.6 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

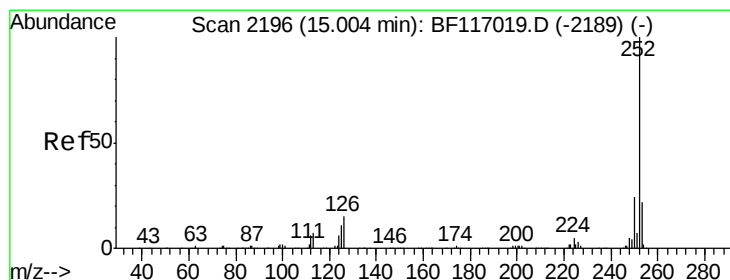
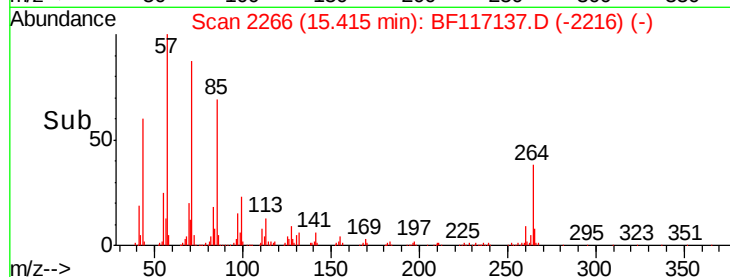
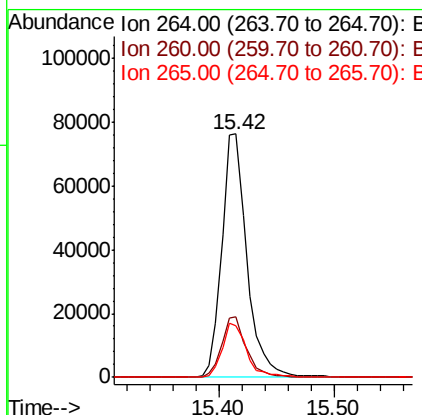
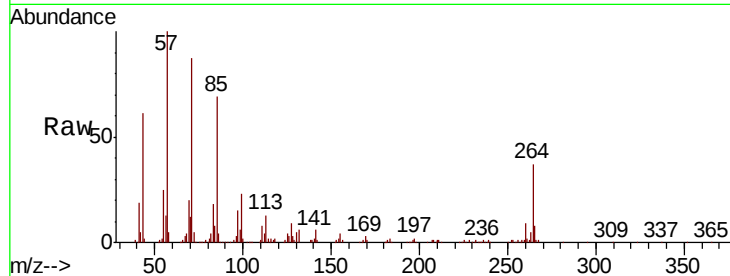




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

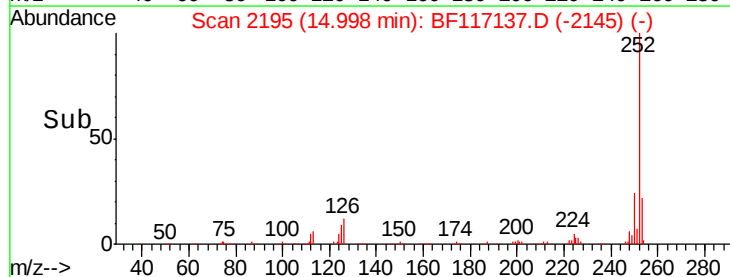
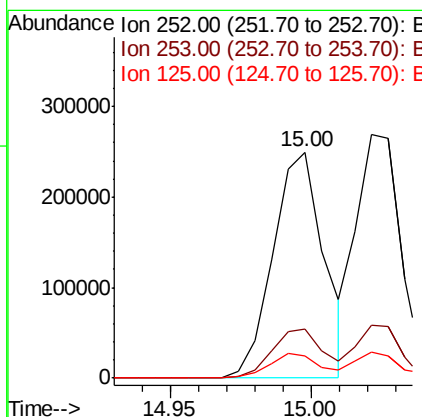
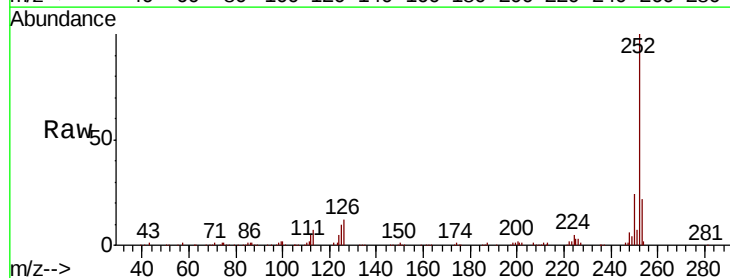
Instrument :
BNA_F
ClientSampled :

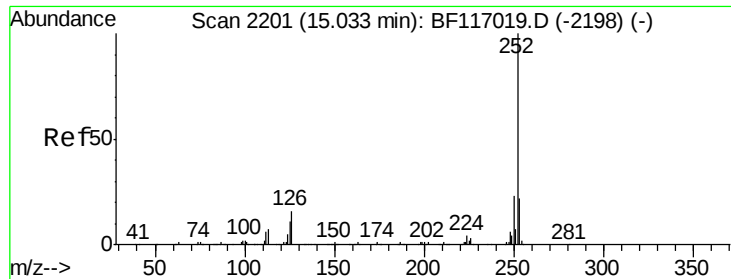
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.6	26.4
265	21.3	16.6	24.8



#88
Benzo(b)fluoranthene
Concen: 44.885 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.9	8.6	12.8

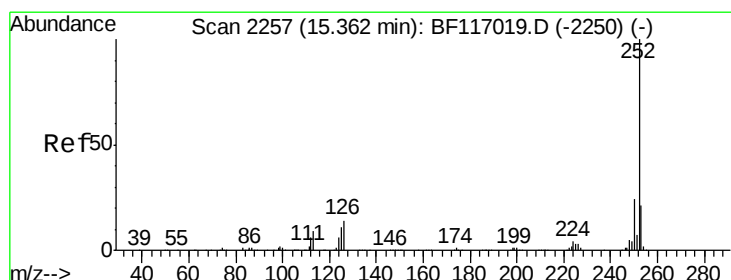
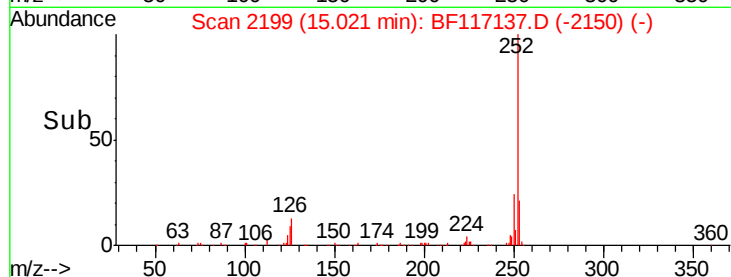
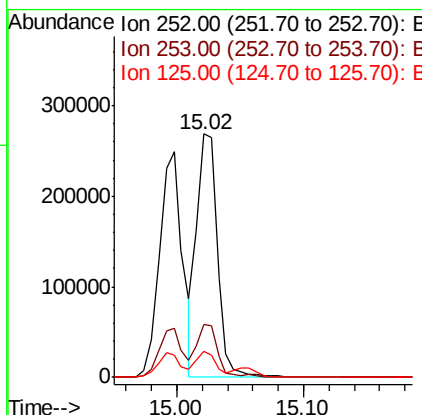
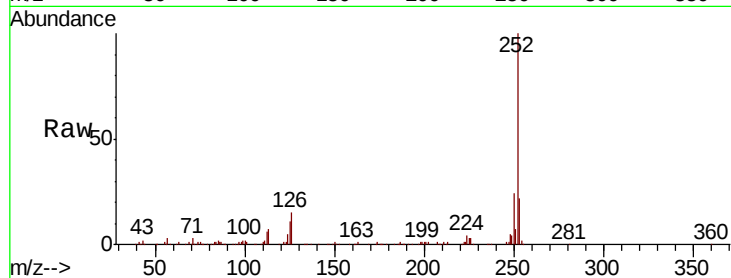




#89
Benzo(k)fluoranthene
Concen: 45.827 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

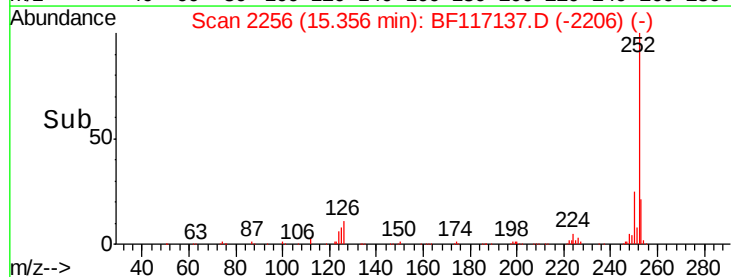
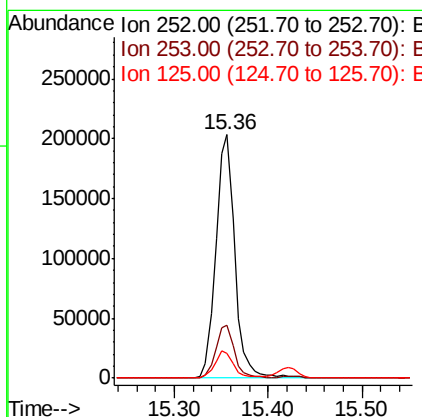
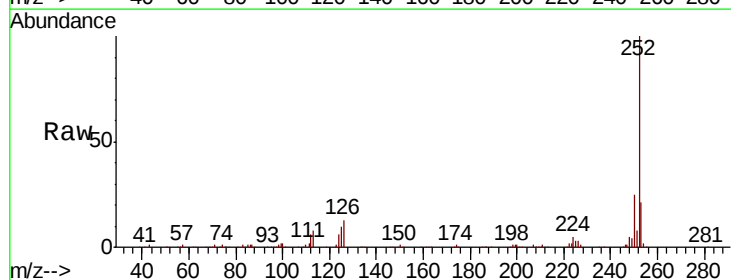
Instrument :
BNA_F
ClientSampleId :

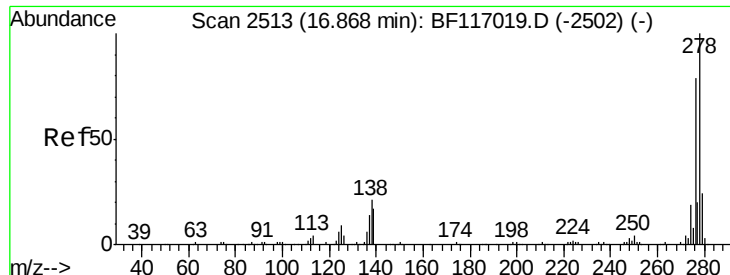
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	10.9	8.8	13.2



#90
Benzo(a)pyrene
Concen: 46.974 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.6	25.0
125	10.3	8.9	13.3

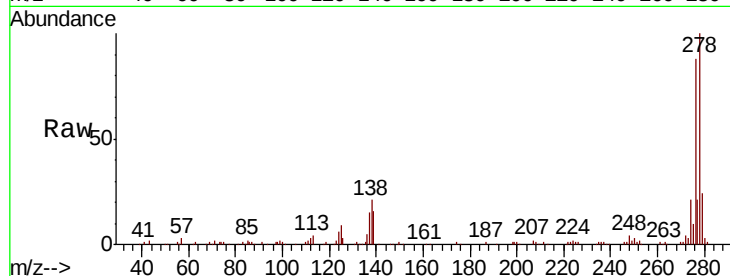




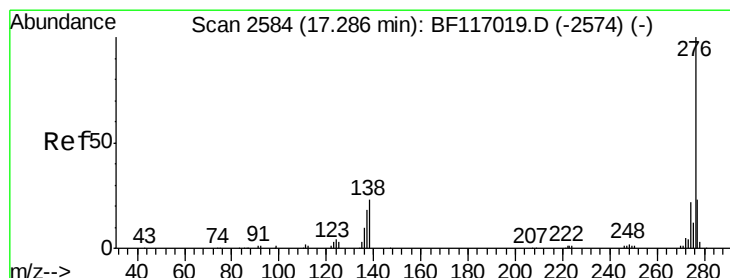
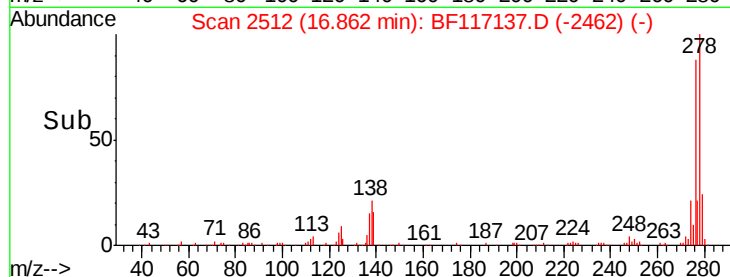
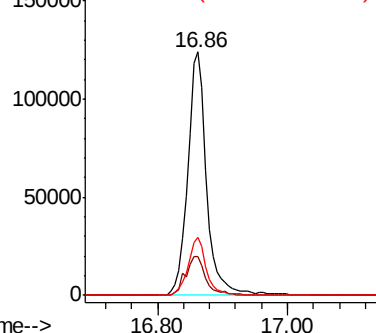
#91
Dibenzo(a,h)anthracene
Concen: 50.914 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.5	20.3
279	24.1	18.8	28.2

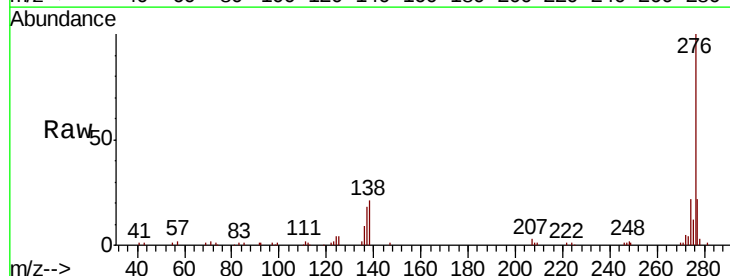


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.161 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF117137.D
Acq: 18 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.8	18.6	27.8
138	21.1	18.0	27.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

