

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117149.D
 Acq On : 18 Sep 2019 17:16
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:13:48 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	75186	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	309831	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	158806	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	247047	20.00	ng	0.00
76) Chrysene-d12	13.97	240	141781	20.00	ng	0.00
87) Perylene-d12	15.42	264	123799	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	366306	76.06	ng	0.00
7) Phenol-d6	6.46	99	474572	76.25	ng	0.00
23) Nitrobenzene-d5	7.39	82	451047	76.49	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	97170	73.21	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	778003	76.60	ng	0.00
79) Terphenyl-d14	12.91	244	659868	87.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	74520	36.980	ng	97
3) Pyridine	3.30	79	201368	36.508	ng	95
4) n-Nitrosodimethylamine	3.25	42	64899	34.287	ng	91
6) Aniline	6.49	93	300397	37.488	ng	97
8) 2-Chlorophenol	6.61	128	201671	38.818	ng	98
9) Benzaldehyde	6.37	77	134747	44.359	ng	98
10) Phenol	6.47	94	256505	37.385	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	189746	37.628	ng	99
12) 1,3-Dichlorobenzene	6.76	146	222754	38.210	ng	99
13) 1,4-Dichlorobenzene	6.84	146	227089	38.170	ng	99
14) 1,2-Dichlorobenzene	7.00	146	211880	38.252	ng	98
15) Benzyl Alcohol	6.97	79	181157	37.957	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	188028	37.741	ng	93
17) 2-Methylphenol	7.08	107	162556	37.334	ng	97
18) Hexachloroethane	7.33	117	87683	38.311	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	145408	38.369	ng	98
20) 3+4-Methylphenols	7.23	107	208987	38.534	ng	95
22) Acetophenone	7.23	105	303236	38.522	ng	99
24) Nitrobenzene	7.40	77	224722	38.590	ng	99
25) Isophorone	7.65	82	392645	37.607	ng	99
26) 2-Nitrophenol	7.72	139	99375	39.729	ng	99
27) 2,4-Dimethylphenol	7.76	122	150444	37.928	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	242497	37.698	ng	99
29) 2,4-Dichlorophenol	7.96	162	161169	38.778	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	171476	38.188	ng	99
31) Naphthalene	8.13	128	565826	37.972	ng	99
32) Benzoic acid	7.89	122	81567	30.086	ng	98
33) 4-Chloroaniline	8.17	127	255525	38.663	ng	99
34) Hexachlorobutadiene	8.25	225	99839	39.190	ng	98
35) Caprolactam	8.55	113	48795	34.685	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	181384	37.428	ng	98
37) 2-Methylnaphthalene	8.82	142	382165	38.086	ng	99
38) 1-Methylnaphthalene	8.91	142	349080	37.145	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	157347	38.370	ng	99

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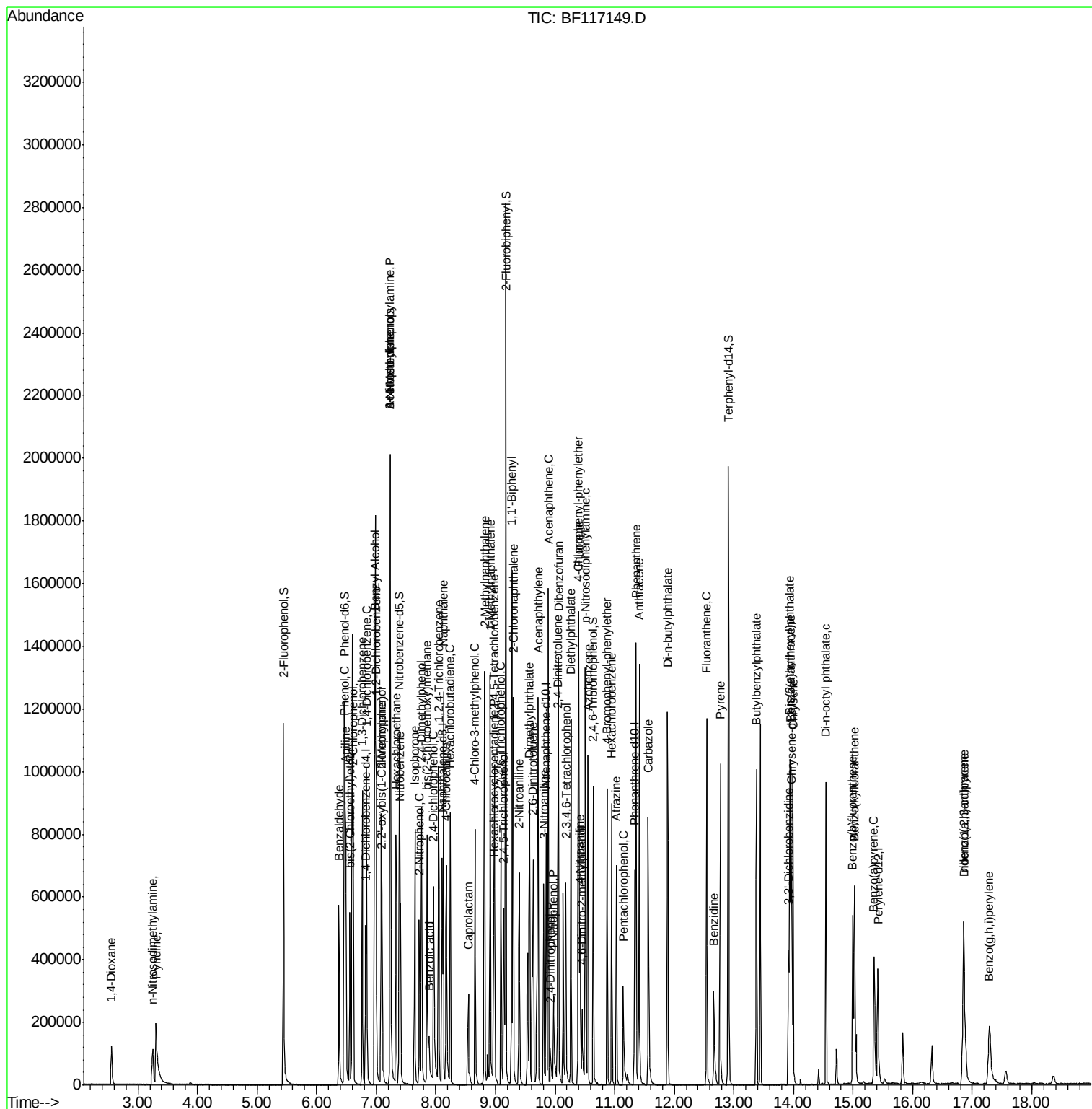
Instrument :
 BNA_F
 ClientSampleId :

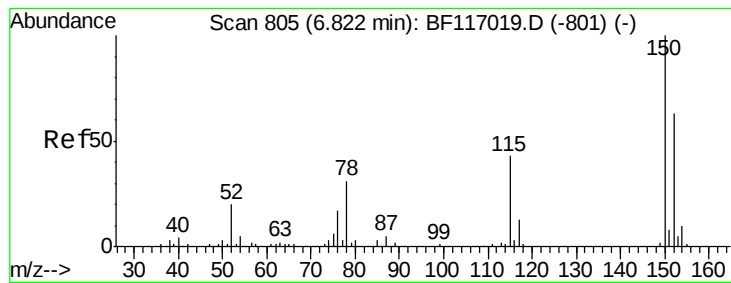
Quant Time: Sep 19 05:13:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	53691	34.562	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	103574	37.218	ng	100
44) 2,4,5-Trichlorophenol	9.14	196	108802	36.593	ng	98
46) 1,1'-Biphenyl	9.27	154	470696	37.786	ng	98
47) 2-Chloronaphthalene	9.30	162	365616	37.190	ng	99
48) 2-Nitroaniline	9.40	65	117924	37.397	ng	96
49) Acenaphthylene	9.72	152	543508	36.905	ng	99
50) Dimethylphthalate	9.57	163	414314	36.847	ng	100
51) 2,6-Dinitrotoluene	9.64	165	87358	38.146	ng	98
52) Acenaphthene	9.89	154	319143	36.556	ng	100
53) 3-Nitroaniline	9.81	138	104489	36.163	ng	99
54) 2,4-Dinitrophenol	9.93	184	26142	32.574	ng	92
55) Dibenzofuran	10.06	168	473201	36.737	ng	97
56) 4-Nitrophenol	9.97	139	67726	36.166	ng	98
57) 2,4-Dinitrotoluene	10.05	165	113718	38.254	ng	96
58) Fluorene	10.40	166	385984	37.200	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	82944	36.454	ng	99
60) Diethylphthalate	10.27	149	405429	36.649	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	168890	37.621	ng	96
62) 4-Nitroaniline	10.42	138	103025	34.286	ng	98
63) Azobenzene	10.55	77	409297	36.226	ng	95
65) 4,6-Dinitro-2-methylphenol	10.46	198	38805	36.418	ng	93
66) n-Nitrosodiphenylamine	10.50	169	326527	38.271	ng	98
67) 4-Bromophenyl-phenylether	10.87	248	97364	38.591	ng	94
68) Hexachlorobenzene	10.95	284	105865	38.364	ng	96
69) Atrazine	11.03	200	80309	35.792	ng	98
70) Pentachlorophenol	11.15	266	56573	43.736	ng	96
71) Phenanthrene	11.36	178	521822	37.188	ng	100
72) Anthracene	11.41	178	536092	37.421	ng	98
73) Carbazole	11.56	167	489121	35.970	ng	100
74) Di-n-butylphthalate	11.89	149	605285	37.412	ng	98
75) Fluoranthene	12.54	202	500391	34.706	ng	98
77) Benzidine	12.66	184	179491	39.301	ng	98
78) Pyrene	12.77	202	501651	42.168	ng	99
80) Butylbenzylphthalate	13.38	149	221516	39.407	ng	99
81) Benzo(a)anthracene	13.96	228	344324	36.350	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	110566	36.222	ng	100
83) Chrysene	13.99	228	346178	37.470	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	284710	39.282	ng	99
85) Di-n-octyl phthalate	14.54	149	434559	38.094	ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	293729	43.578	ng	99
88) Benzo(b)fluoranthene	15.00	252	282951	37.732	ng	98
89) Benzo(k)fluoranthene	15.02	252	272216	38.321	ng	98
90) Benzo(a)pyrene	15.36	252	251119	38.161	ng	98
91) Dibenzo(a,h)anthracene	16.86	278	245603	46.851	ng	96
92) Benzo(g,h,i)perylene	17.29	276	238745	45.703	ng	98

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

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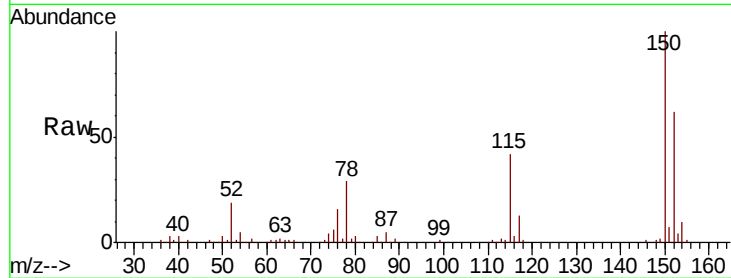


#1

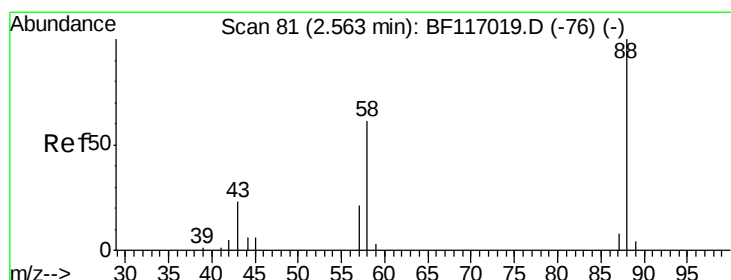
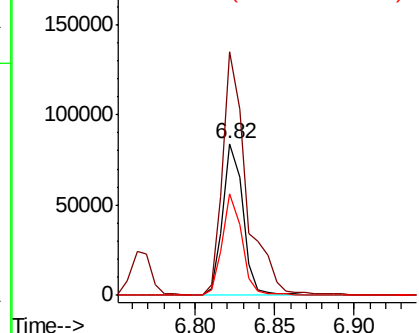
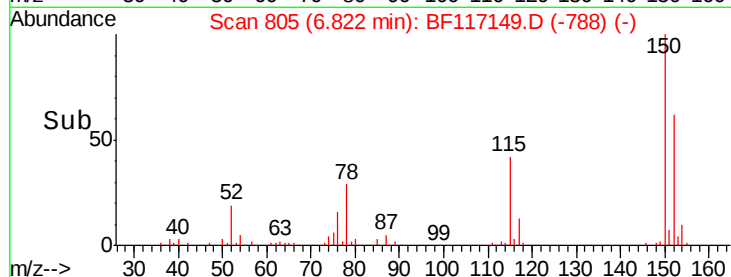
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75186
Ion Ratio Lower Upper
152 100
150 160.6 127.5 191.3
115 67.3 55.0 82.4



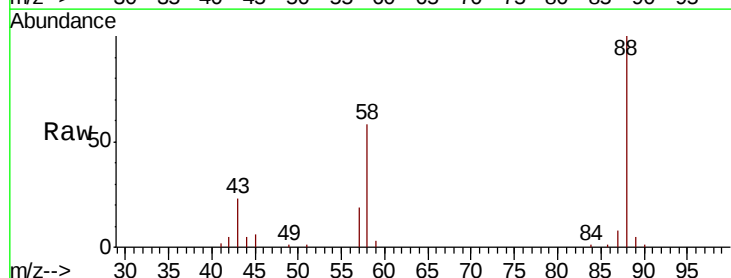
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



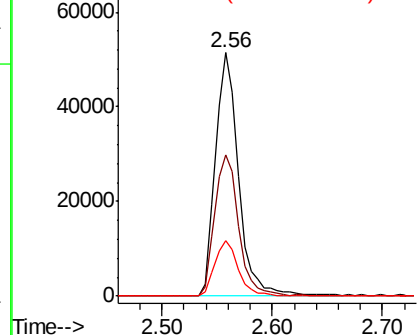
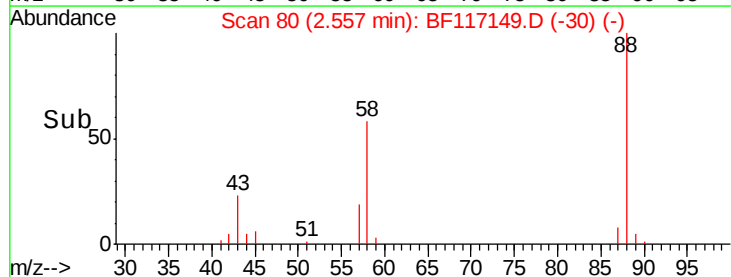
#2

1,4-Dioxane
Concen: 36.980 ng
RT: 2.56 min Scan# 80
Delta R.T. -0.01 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Tgt Ion: 88 Resp: 74520
Ion Ratio Lower Upper
88 100
58 59.1 49.3 73.9
43 22.7 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: 36.508 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

Instrument :

BNA_F

ClientSampleId :

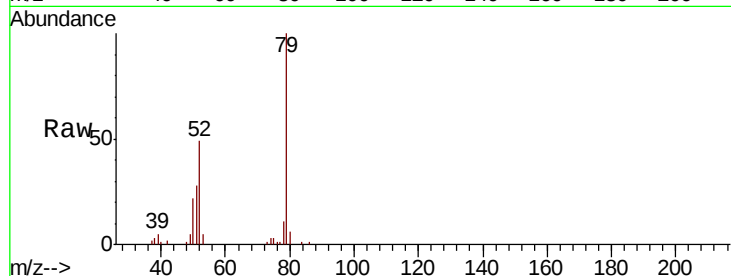
Tot Ion: 79 Resp: 201368

Ion Ratio Lower Upper

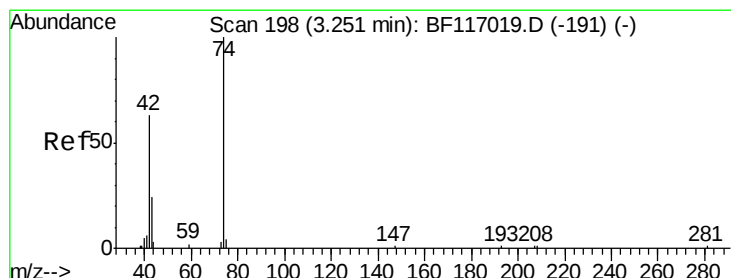
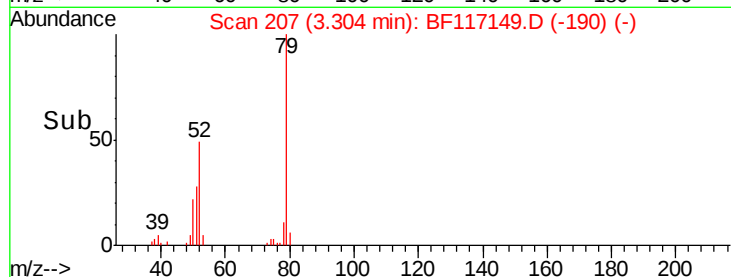
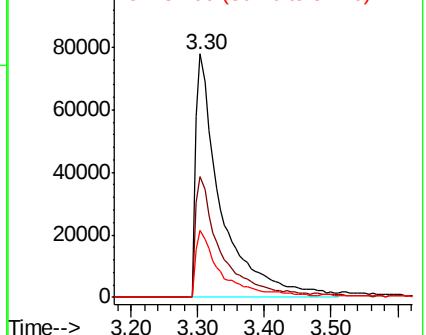
79 100

52 49.4 43.5 65.3

51 27.7 21.8 32.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.287 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

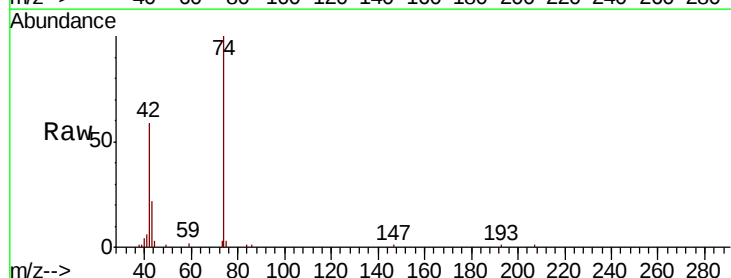
Tgt Ion: 42 Resp: 64899

Ion Ratio Lower Upper

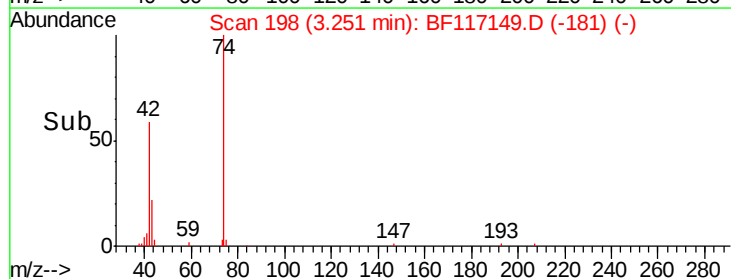
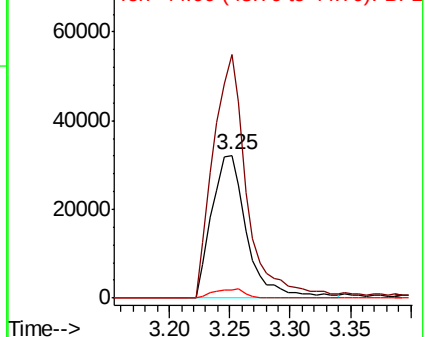
42 100

74 170.8 127.1 190.7

44 5.9 4.3 6.5



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 76.064 ng

RT: 5.45 min Scan# 571

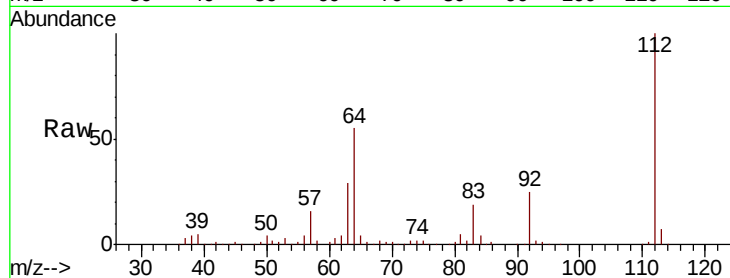
Delta R.T. 0.01 min

Lab File: BF117149.D

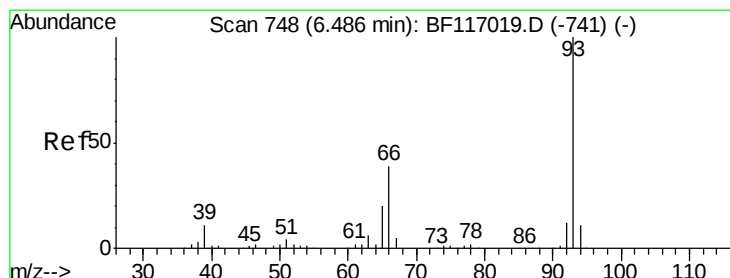
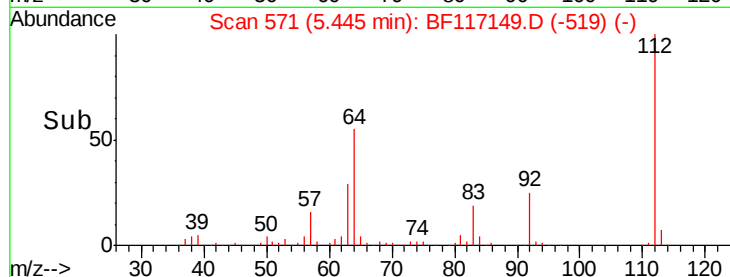
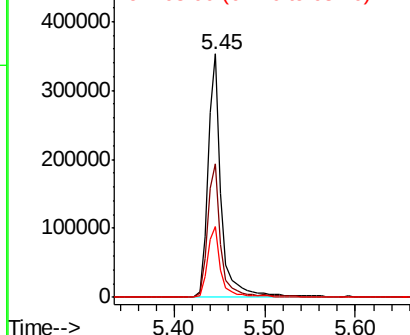
Acq: 18 Sep 2019 17:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	366306
Ion	Ratio	Lower	Upper
112	100		
64	54.8	45.7	68.5
63	29.3	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: 37.488 ng

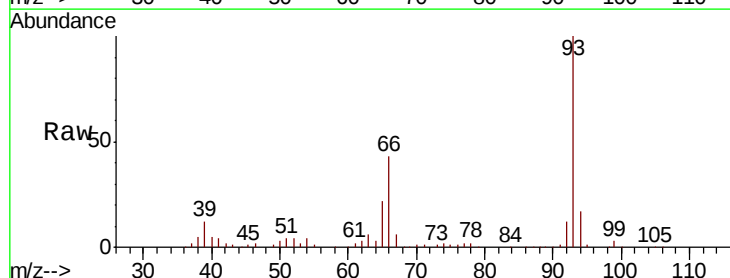
RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

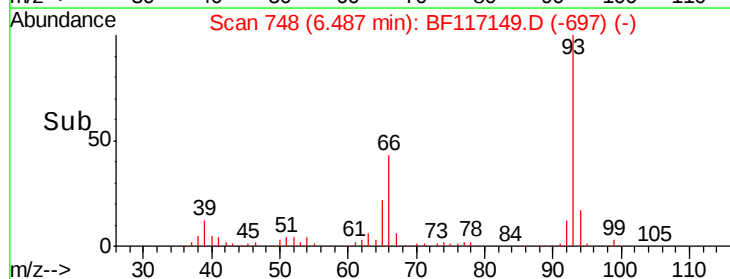
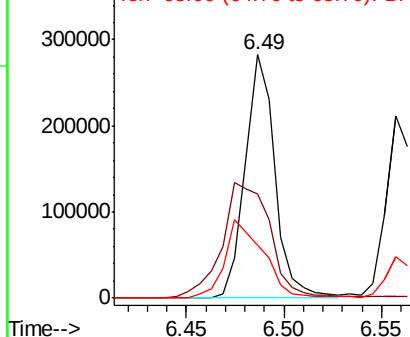
Lab File: BF117149.D

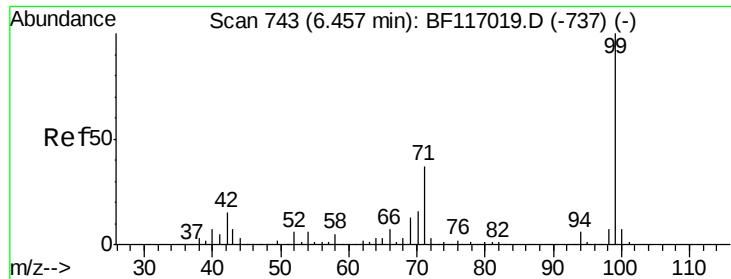
Acq: 18 Sep 2019 17:16

Tgt Ion:	93	Resp:	300397
Ion	Ratio	Lower	Upper
93	100		
66	42.9	32.6	49.0
65	21.7	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: 76.252 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

Instrument :

BNA_F

ClientSampled :

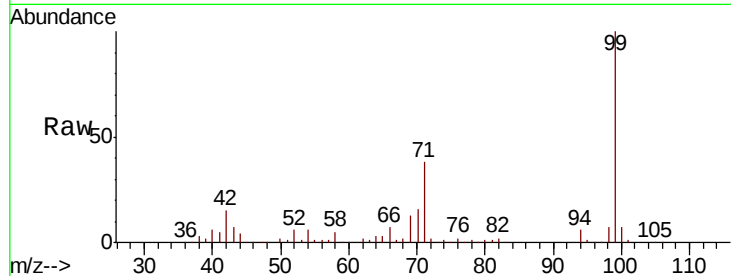
Tot Ion: 99 Resp: 474572

Ion Ratio Lower Upper

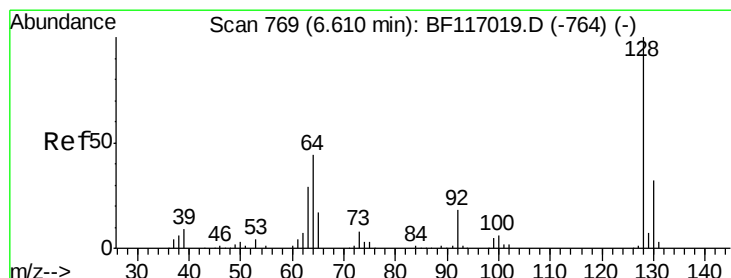
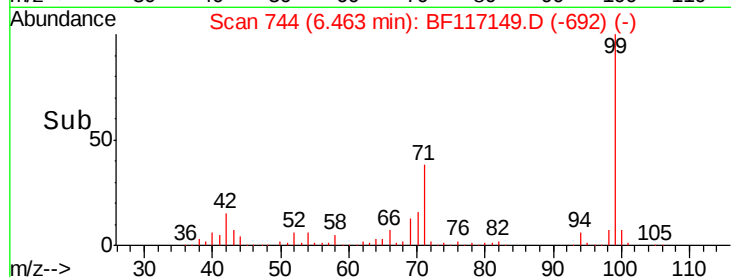
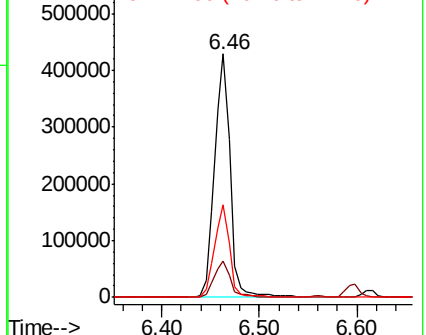
99 100

42 14.8 12.2 18.2

71 38.1 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: 38.818 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

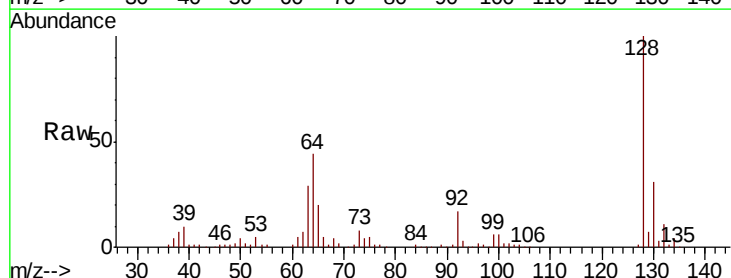
Tgt Ion: 128 Resp: 201671

Ion Ratio Lower Upper

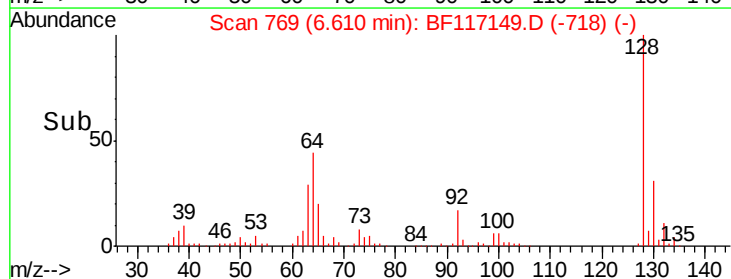
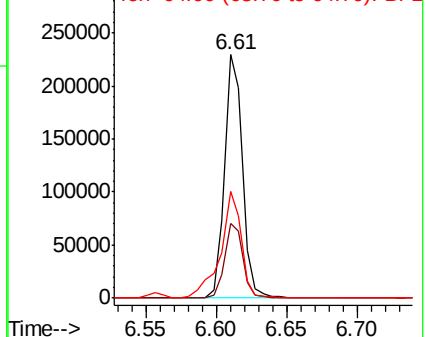
128 100

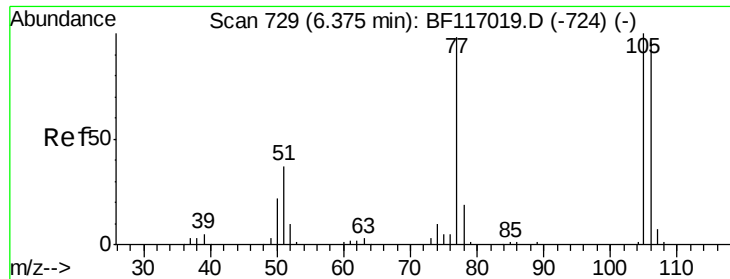
130 30.9 11.8 51.8

64 43.9 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: 44.359 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

Instrument :

BNA_F

ClientSampleId :

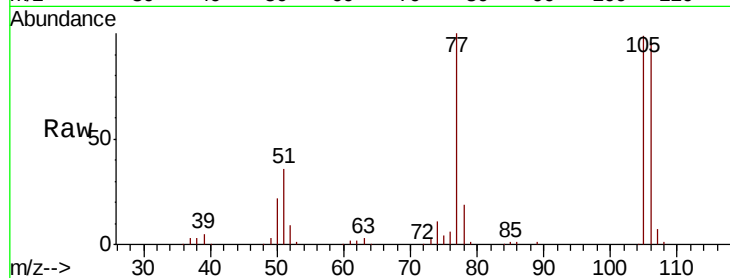
Tot Ion: 77 Resp: 134747

Ion Ratio Lower Upper

77 100

105 98.9 81.8 121.8

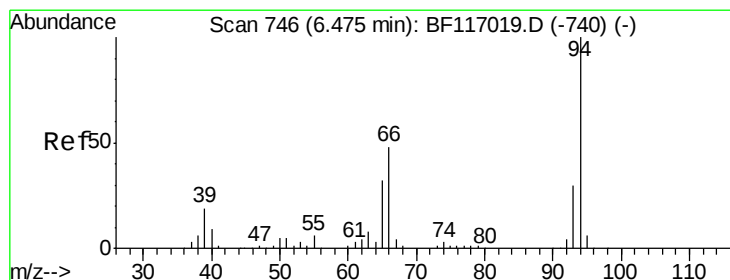
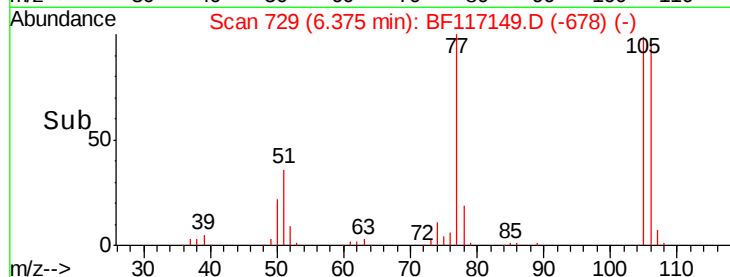
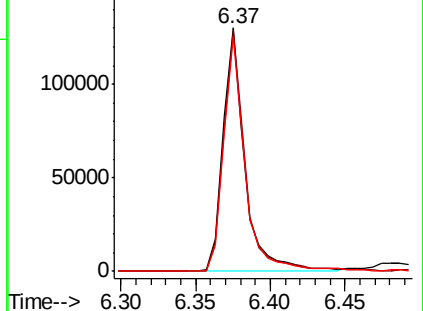
106 96.4 77.3 117.3



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: 37.385 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

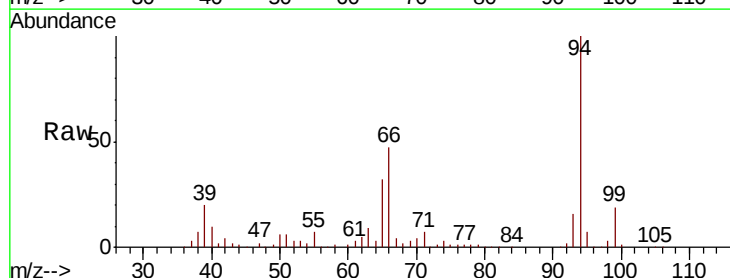
Tgt Ion: 94 Resp: 256505

Ion Ratio Lower Upper

94 100

65 31.9 12.5 52.5

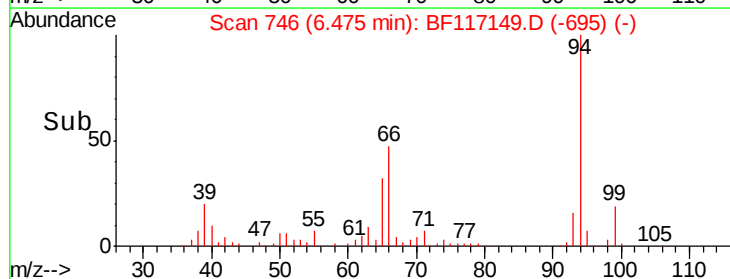
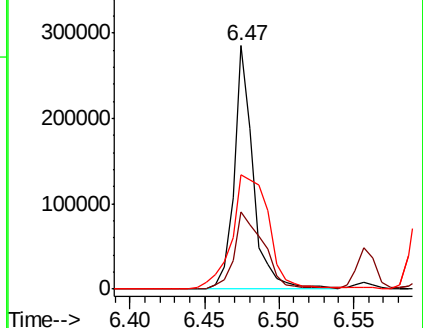
66 47.2 28.9 68.9



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

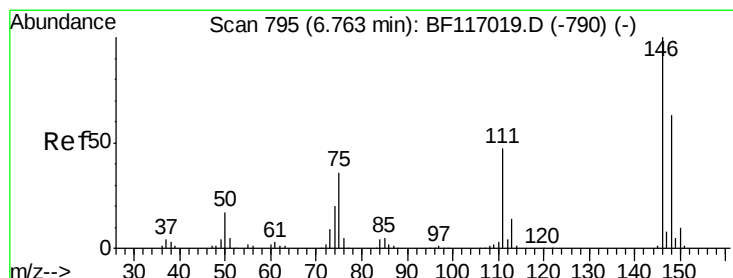
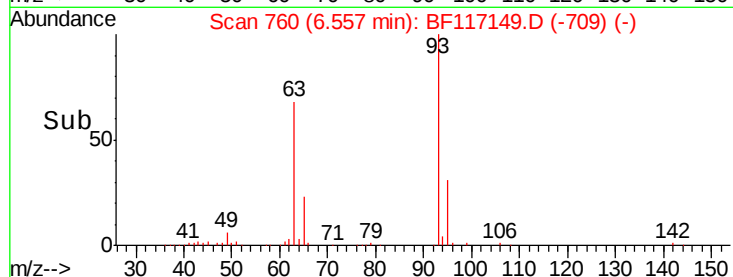
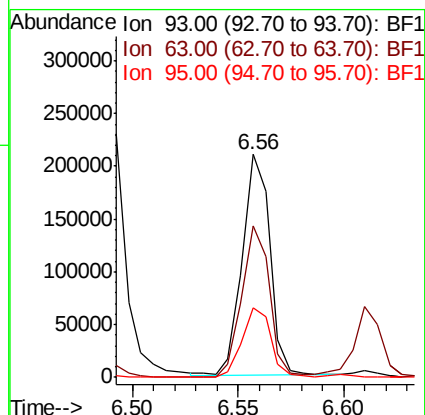
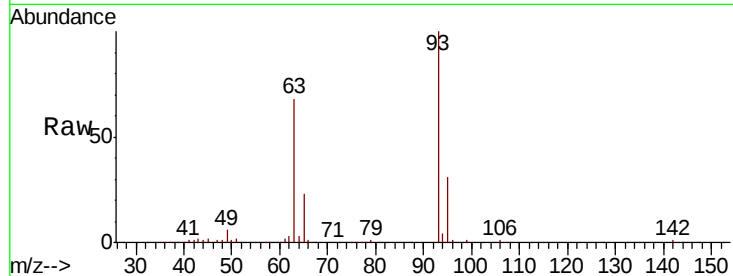




#11
 bis(2-Chloroethyl)ether
 Concen: 37.628 ng
 RT: 6.56 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

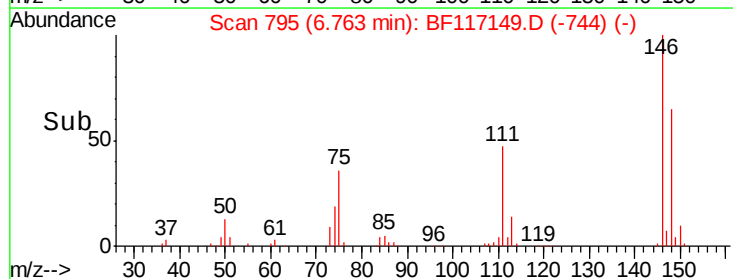
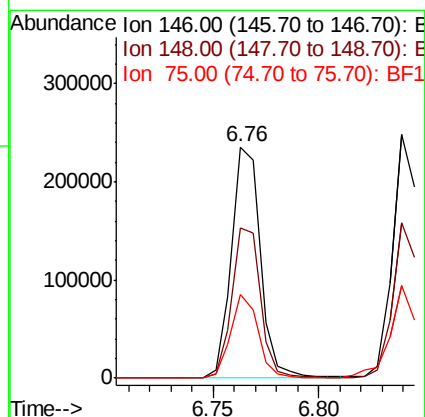
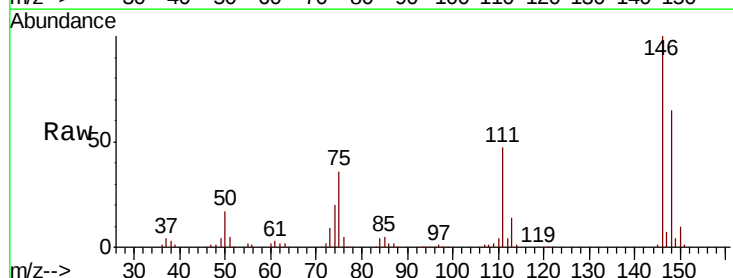
Instrument :
 BNA_F
 ClientSampleId :

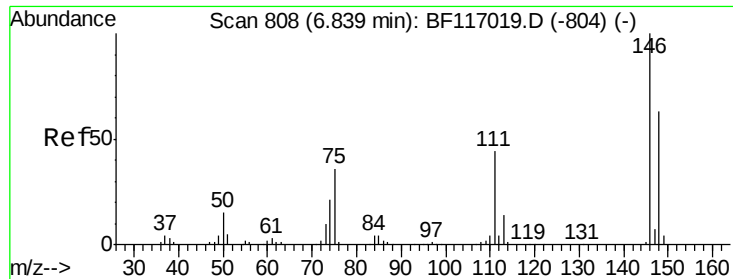
Tot Ion	93	Resp	189746
Ion	Ratio	Lower	Upper
93	100		
63	68.3	49.3	89.3
95	31.4	11.5	51.5



#12
 1,3-Dichlorobenzene
 Concen: 38.210 ng
 RT: 6.76 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

Tgt Ion	146	Resp	222754
Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
75	36.4	28.7	43.1

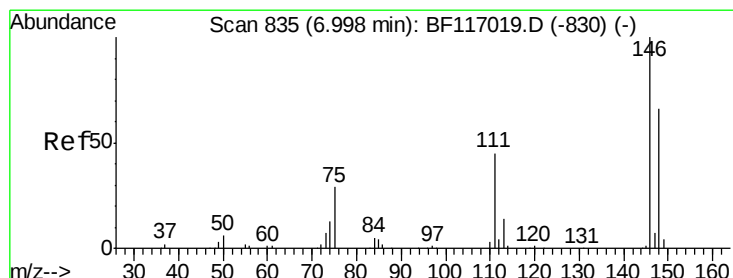
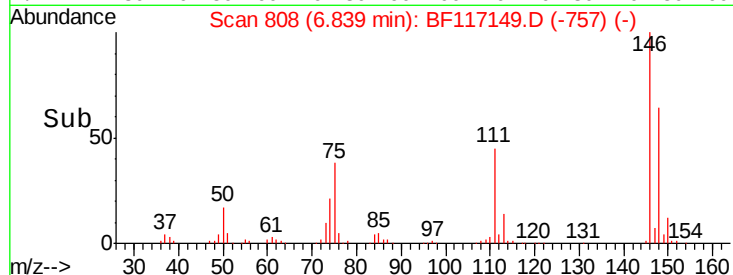
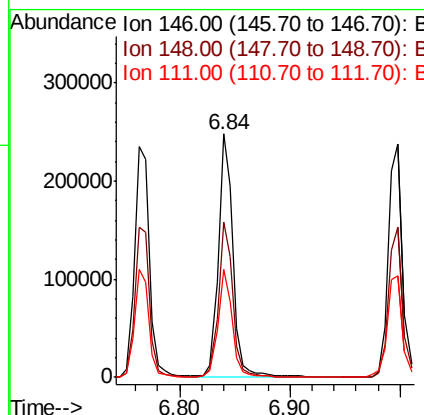
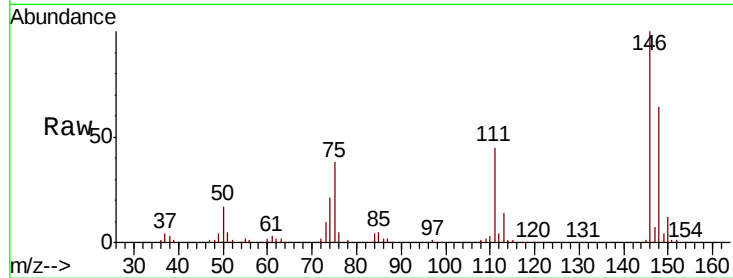




#13
 1,4-Dichlorobenzene
 Concen: 38.170 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

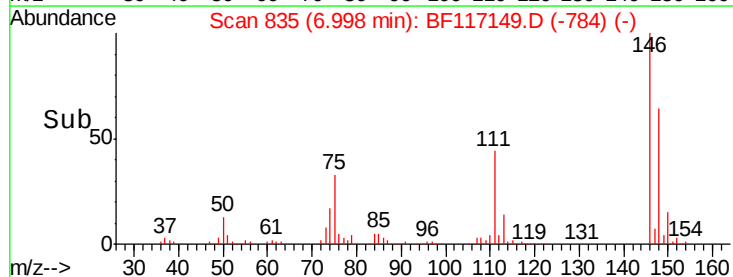
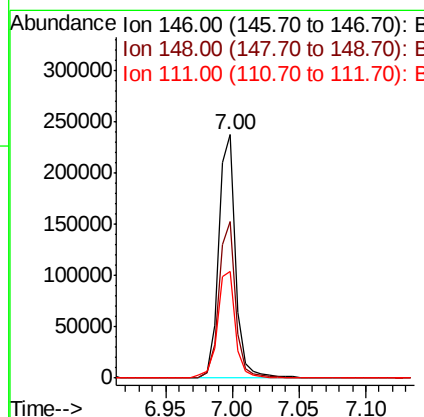
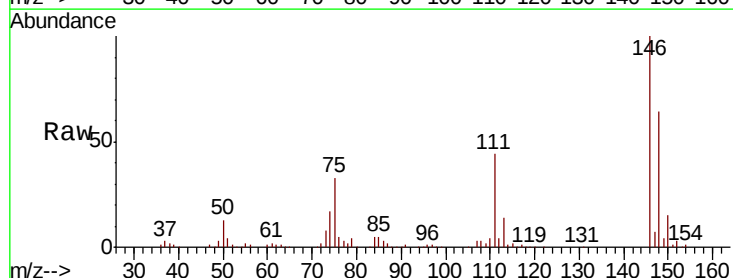
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 227089
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 76.0
 111 44.5 35.0 52.6



#14
 1,2-Dichlorobenzene
 Concen: 38.252 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

Tgt Ion:146 Resp: 211880
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.6 78.8
 111 43.8 36.2 54.2





#15

Benzyl Alcohol

Concen: 37.957 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

Instrument :

BNA_F

ClientSampled :

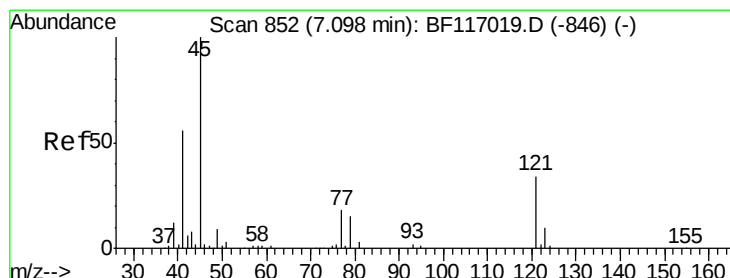
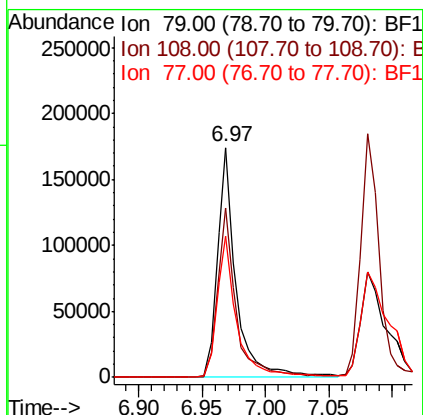
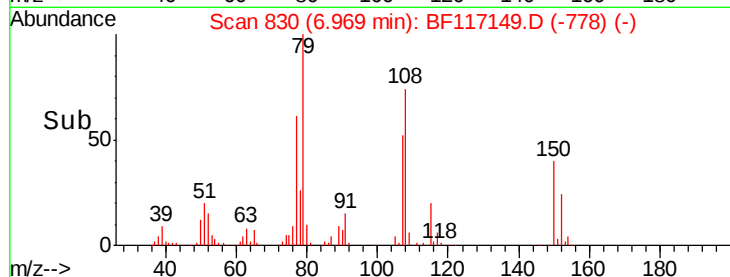
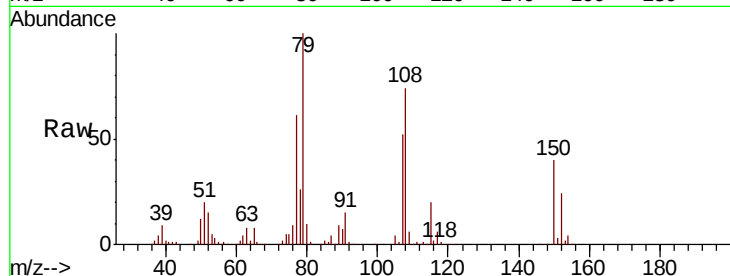
Tot Ion: 79 Resp: 181157

Ion Ratio Lower Upper

79 100

108 73.8 59.4 89.0

77 61.4 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.741 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

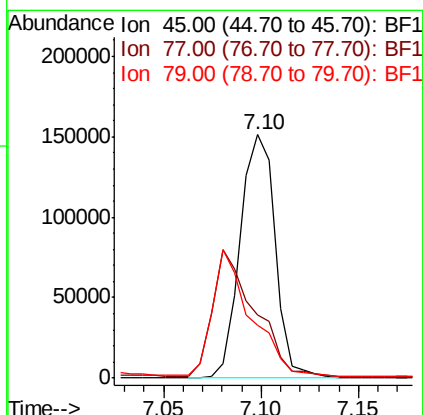
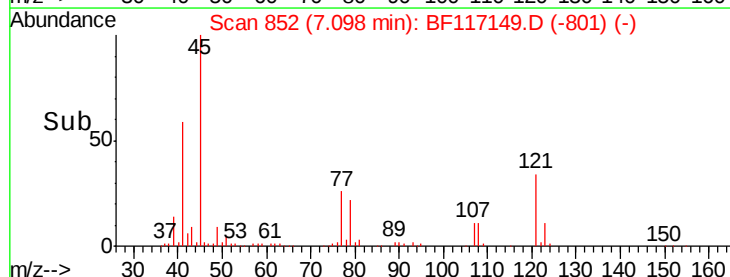
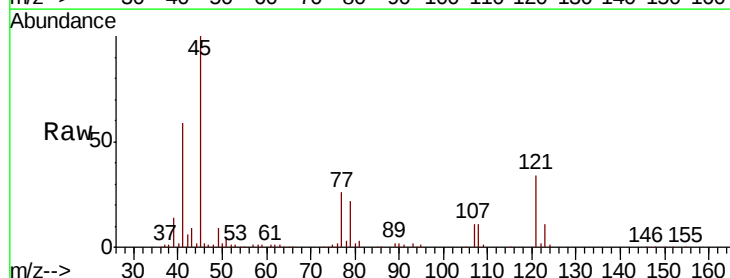
Tgt Ion: 45 Resp: 188028

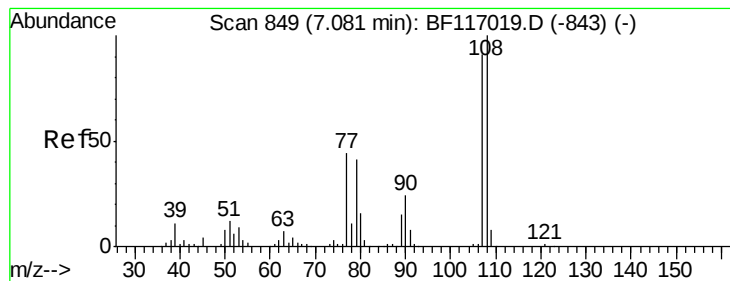
Ion Ratio Lower Upper

45 100

77 26.2 2.7 42.7

79 21.7 0.0 38.9

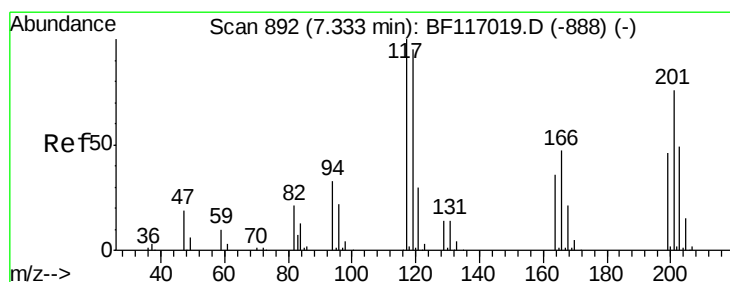
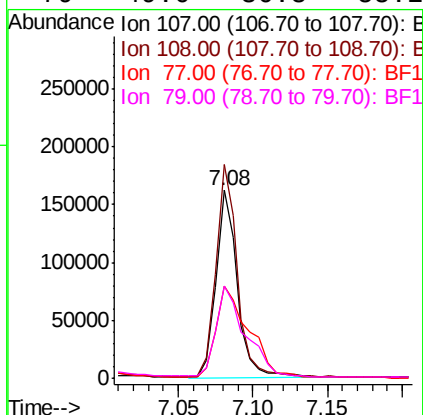
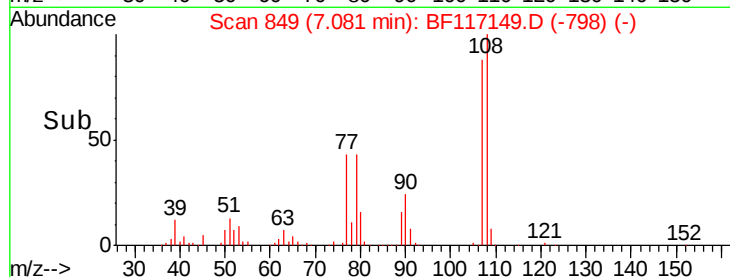
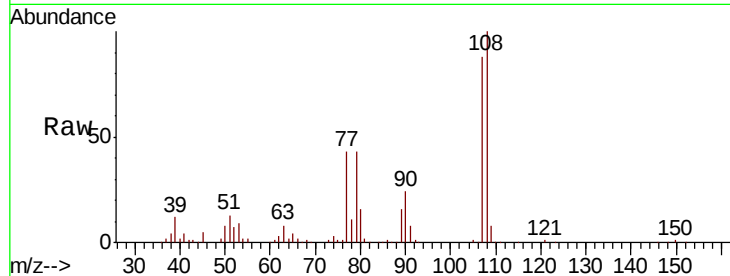




#17
2-Methylphenol
Concen: 37.334 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

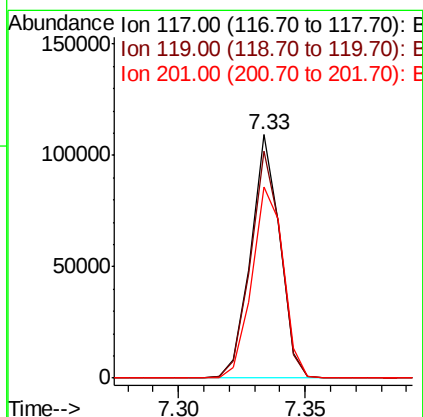
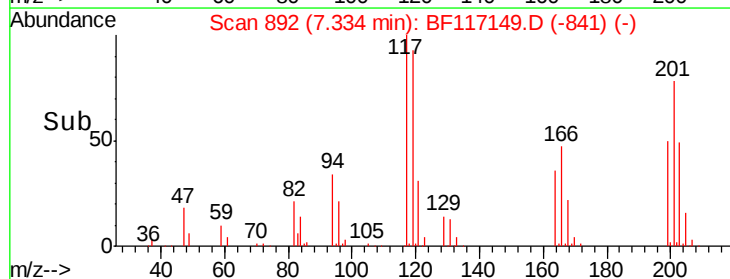
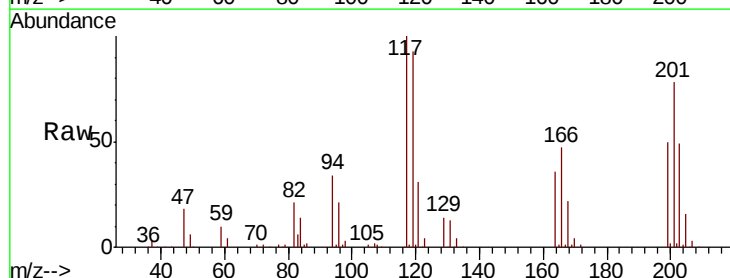
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	87.7	131.5
77	49.2	38.6	58.0
79	49.0	36.8	55.2



#18
Hexachloroethane
Concen: 38.311 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.8	113.8
201	78.3	60.9	91.3

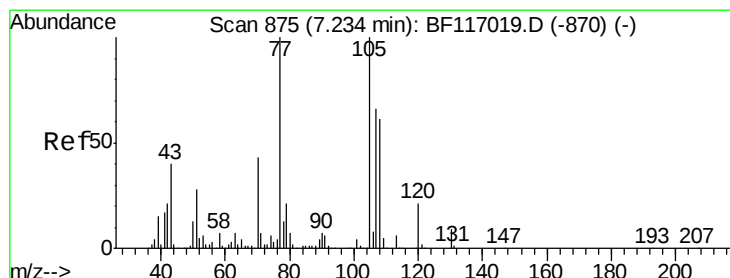
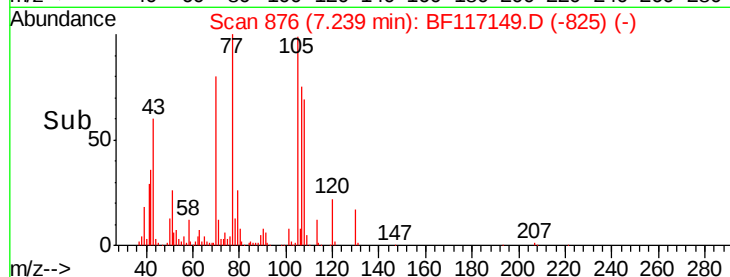
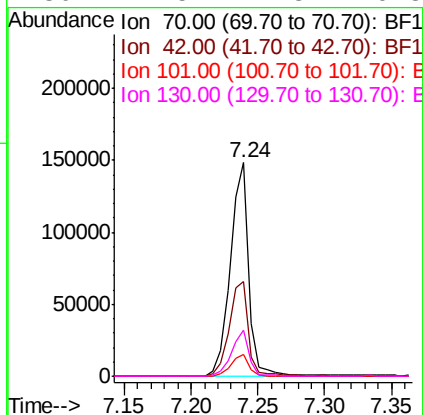
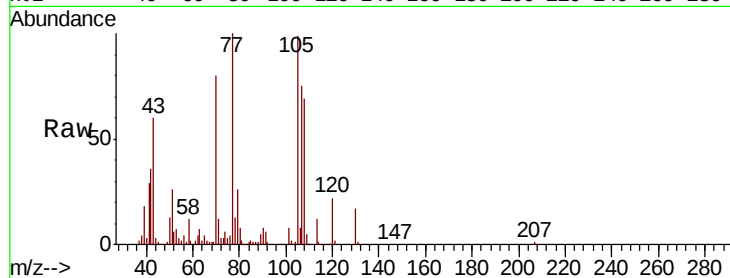




#19
n-Nitroso-di-n-propylamine
Concen: 38.369 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

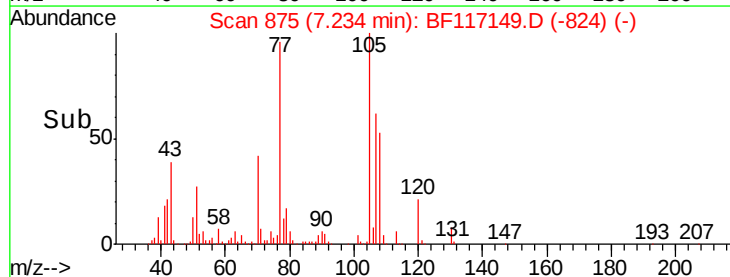
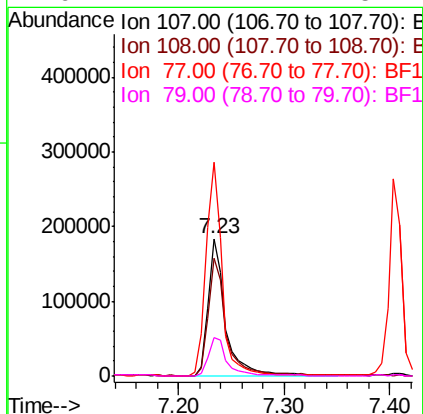
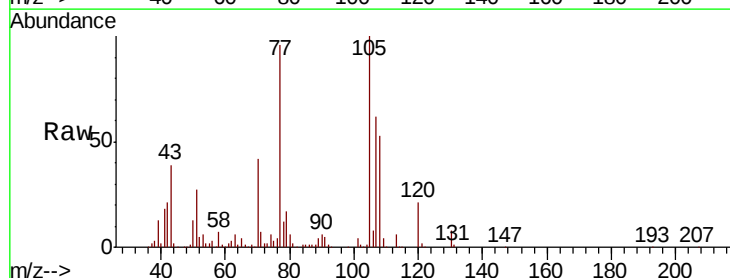
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	145408
Ion	Ratio	Lower	Upper
70	100		
42	44.3	34.0	51.0
101	10.3	7.8	11.6
130	21.5	17.8	26.8



#20
3+4-Methylphenols
Concen: 38.534 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Tgt Ion:	107	Resp:	208987
Ion	Ratio	Lower	Upper
107	100		
108	85.7	72.6	112.6
77	155.2	132.1	172.1
79	27.7	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: BF117149.D

Acq: 18 Sep 2019 17:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 309831

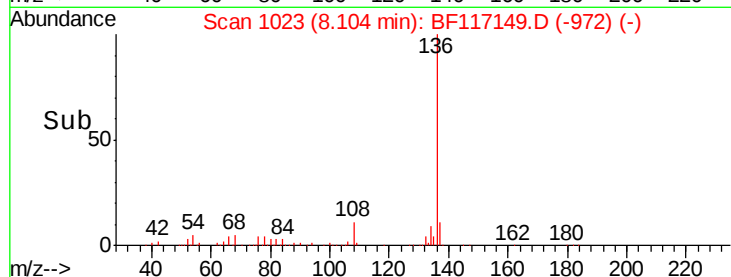
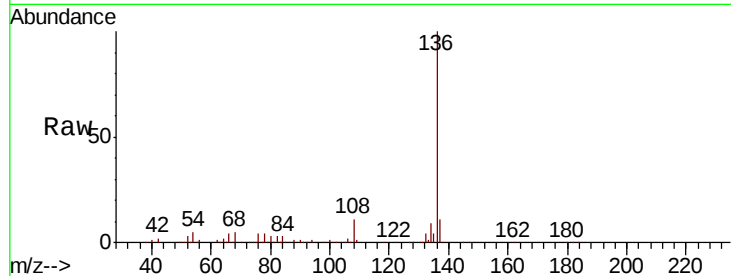
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.1 4.5 6.7

68 4.8 4.0 6.0

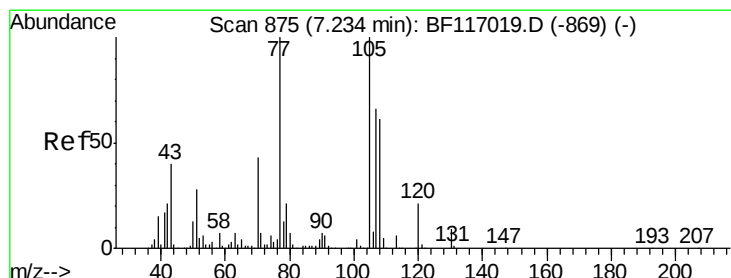
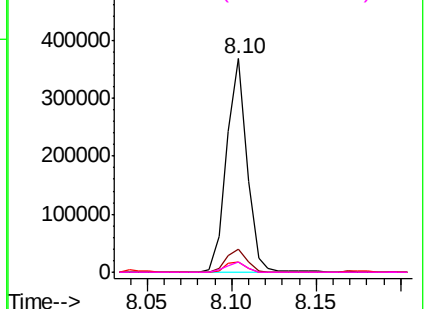


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.522 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

Tgt Ion:105 Resp: 303236

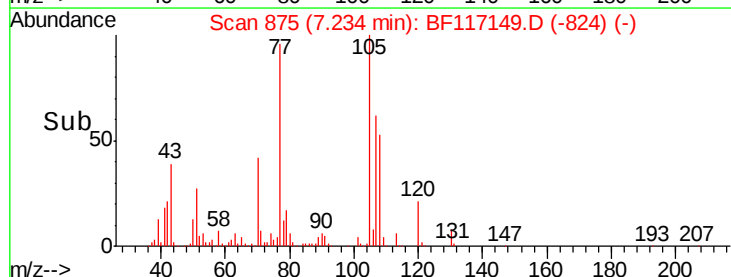
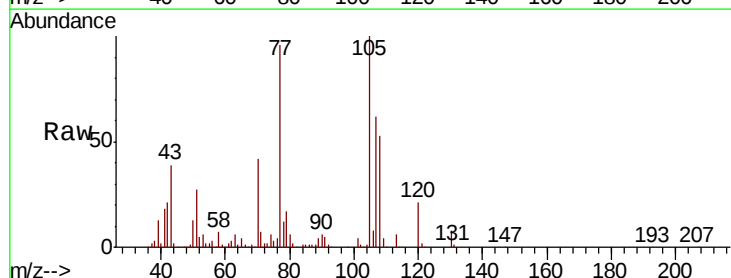
Ion Ratio Lower Upper

105 100

71 6.8 5.7 8.5

51 26.9 22.1 33.1

120 20.8 17.1 25.7

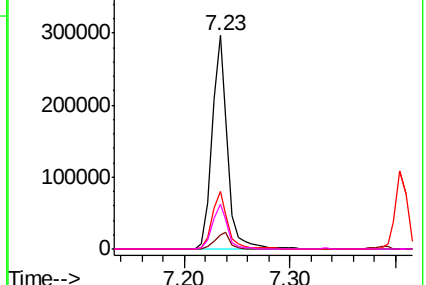


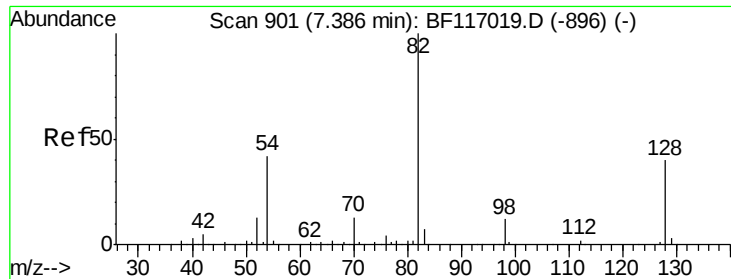
Abundance Ion 105.00 (104.70 to 105.70): E

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

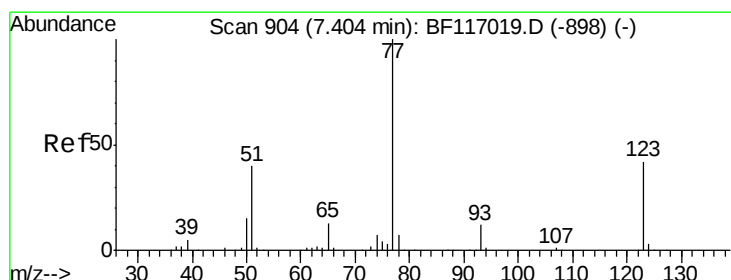
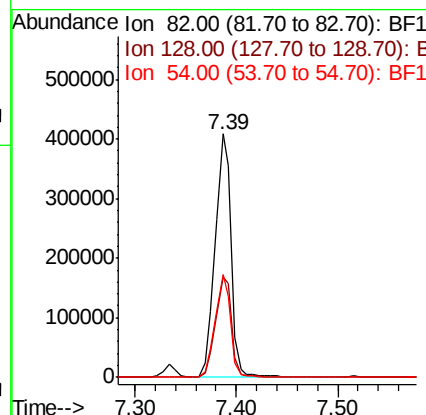
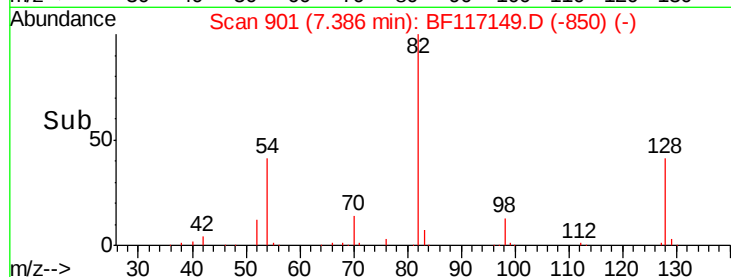
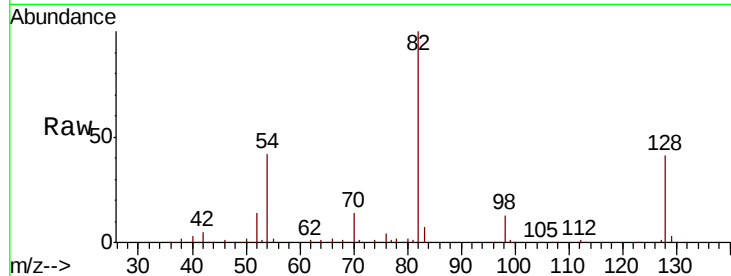




#23
Nitrobenzene-d5
Concen: 76.490 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

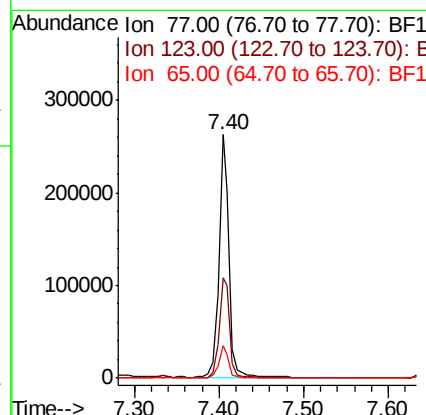
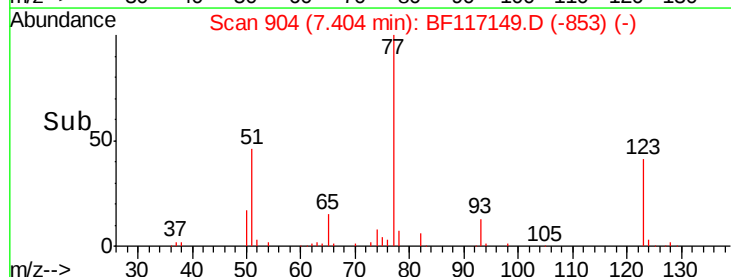
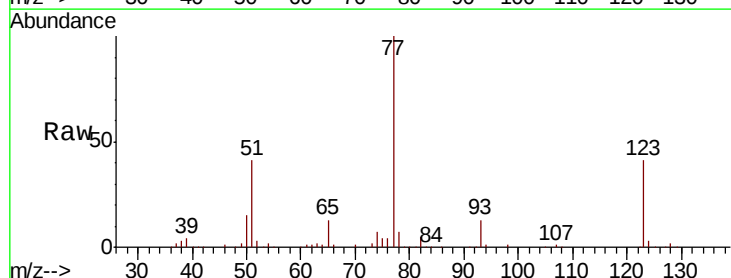
Instrument :
BNA_F
ClientSampleId :

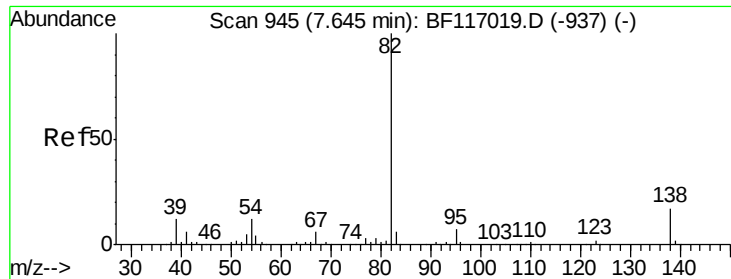
Tot Ion	82	Resp	451047
Ion Ratio	100	Lower	Upper
128	41.2	32.3	48.5
54	42.0	33.3	49.9



#24
Nitrobenzene
Concen: 38.590 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Tgt Ion	77	Resp	224722
Ion Ratio	100	Lower	Upper
123	41.2	33.5	50.3
65	13.1	10.5	15.7





#25

Isophorone

Concen: 37.607 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

Instrument :

BNA_F

ClientSampled :

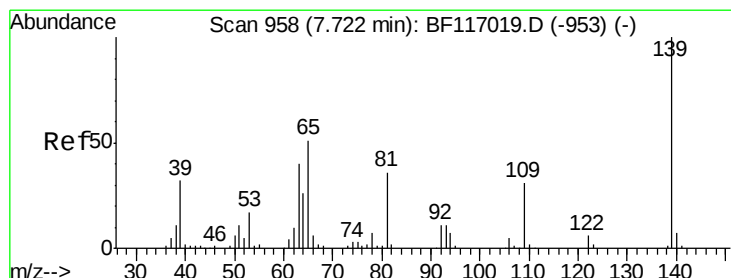
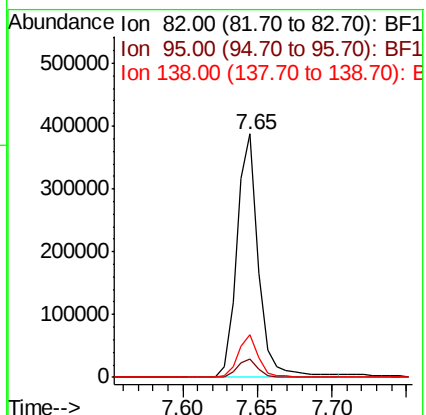
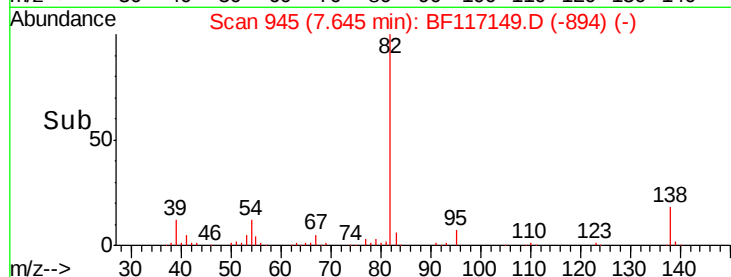
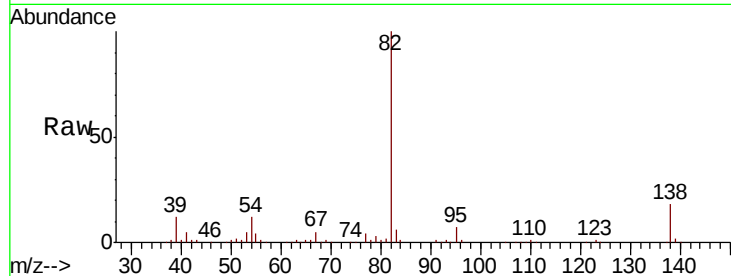
Tot Ion: 82 Resp: 392645

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

138 17.7 13.5 20.3



#26

2-Nitrophenol

Concen: 39.729 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

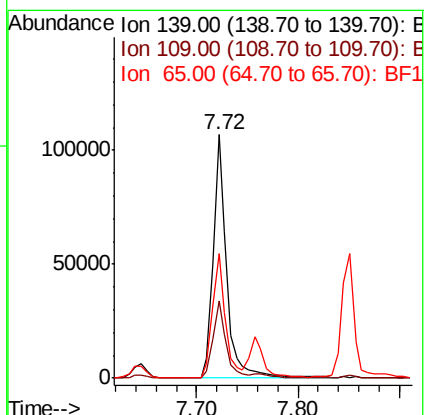
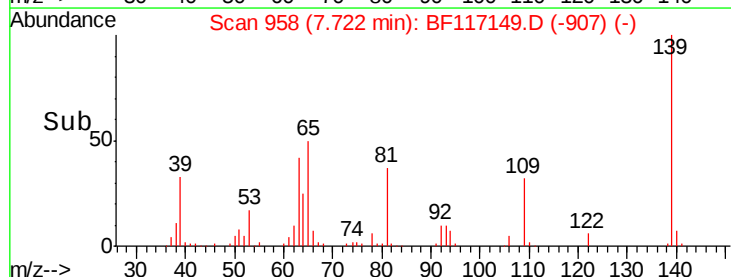
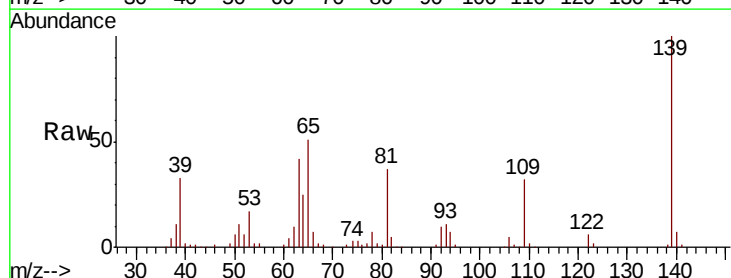
Tgt Ion: 139 Resp: 99375

Ion Ratio Lower Upper

139 100

109 31.8 24.6 36.8

65 51.4 40.9 61.3

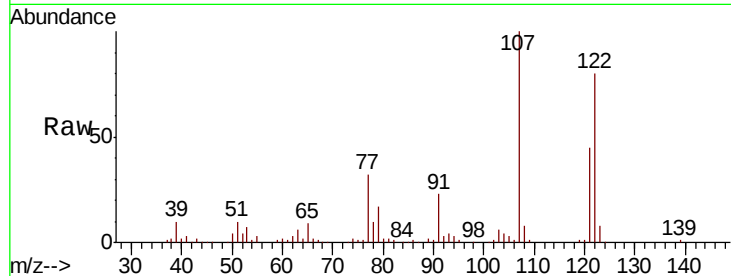




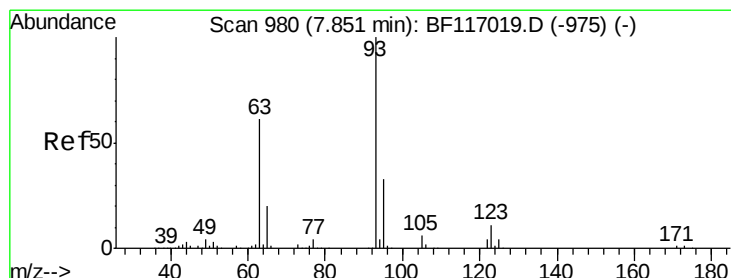
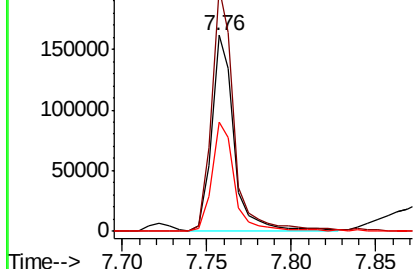
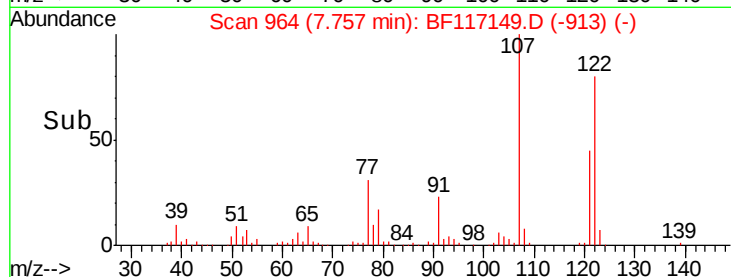
#27
 2,4-Dimethylphenol
 Concen: 37.928 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 150444
 Ion Ratio Lower Upper
 122 100
 107 124.4 98.9 148.3
 121 55.8 45.3 67.9

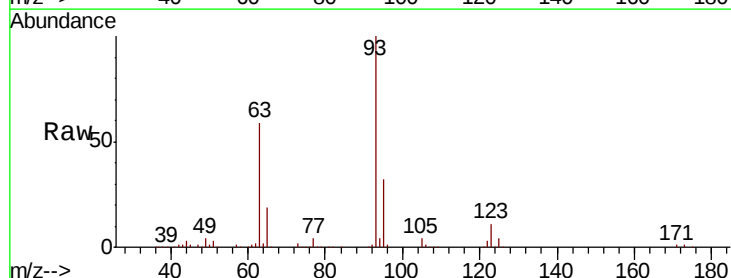


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

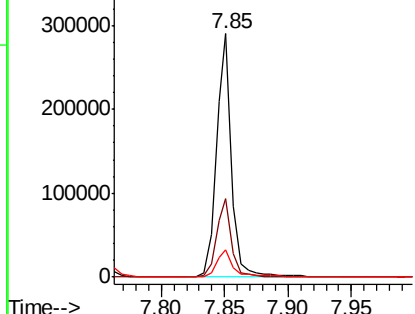
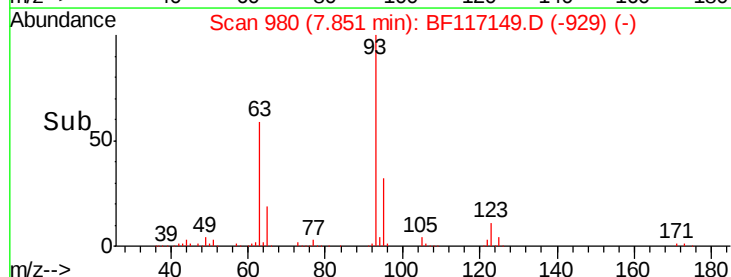


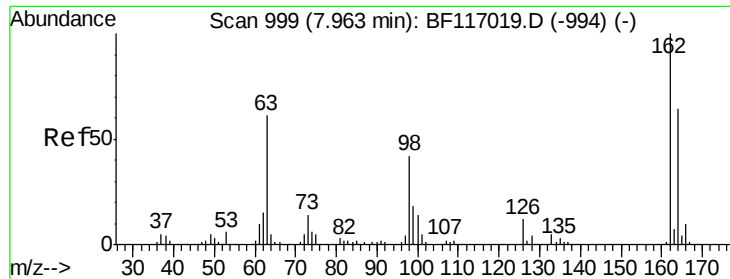
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.698 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

Tgt Ion: 93 Resp: 242497
 Ion Ratio Lower Upper
 93 100
 95 32.4 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

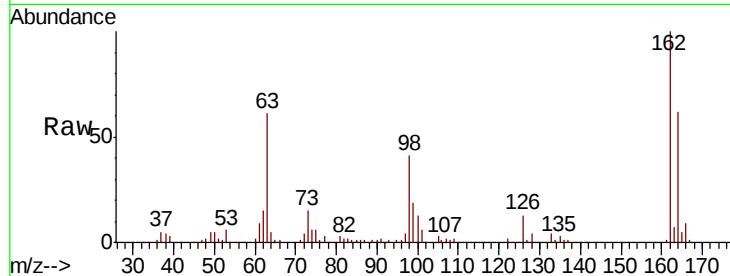




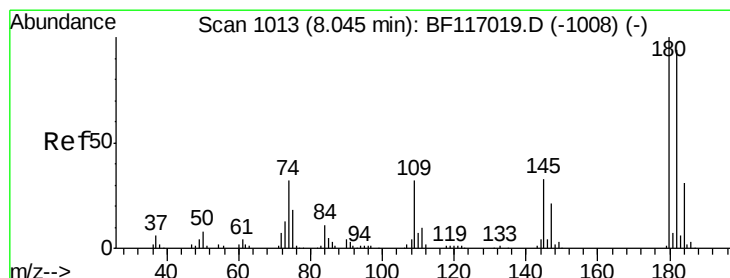
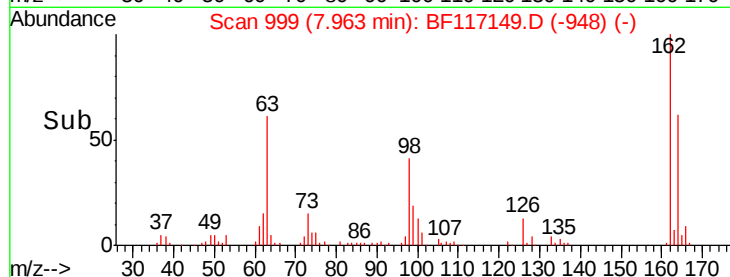
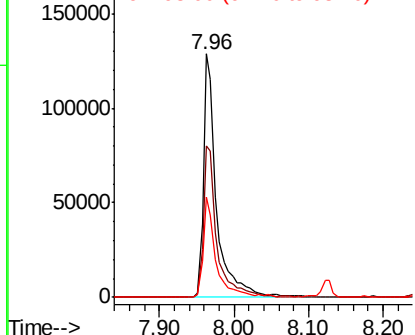
#29
 2,4-Dichlorophenol
 Concen: 38.778 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	162	Resp	161169
Ion Ratio	Lower	Upper	
162	100		
164	62.3	43.8	83.8
98	41.0	22.1	62.1

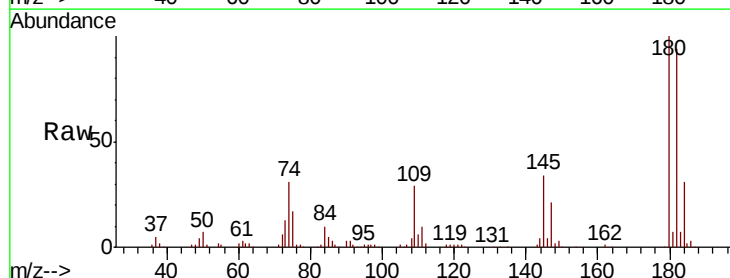


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

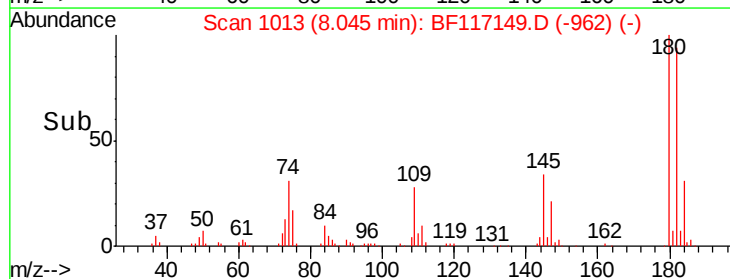
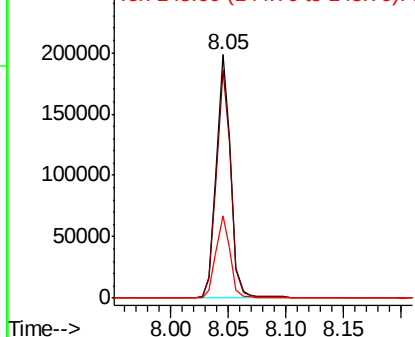


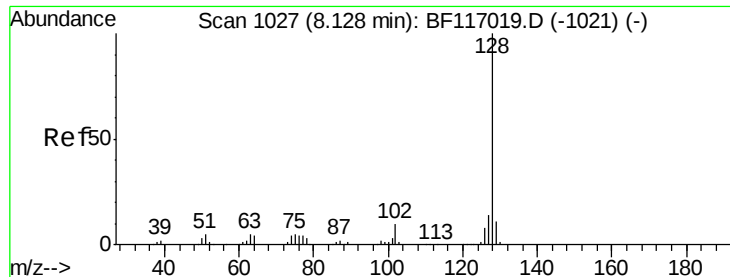
#30
 1,2,4-Trichlorobenzene
 Concen: 38.188 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

Tgt Ion	180	Resp	171476
Ion Ratio	Lower	Upper	
180	100		
182	93.8	75.4	113.0
145	34.0	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

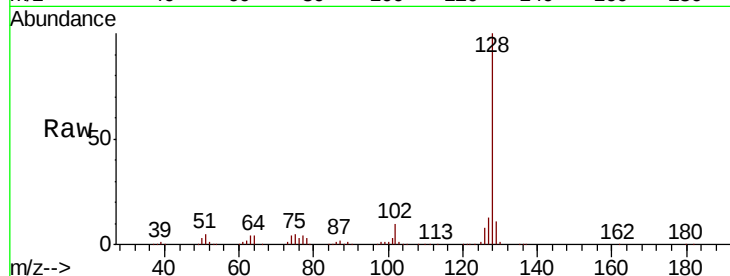




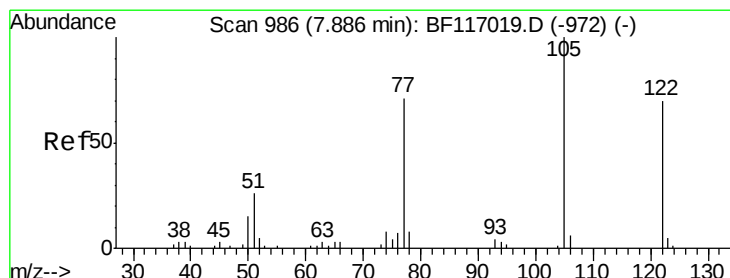
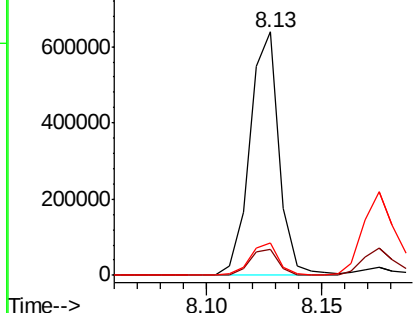
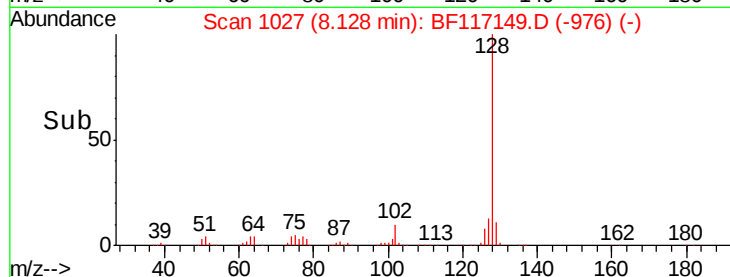
#31
Naphthalene
Concen: 37.972 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 565826
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.2 10.8 16.2

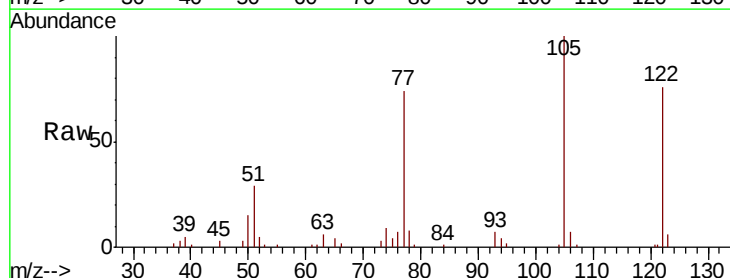


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

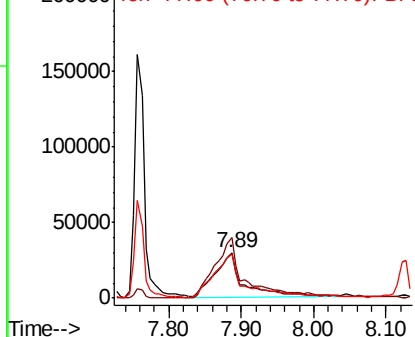
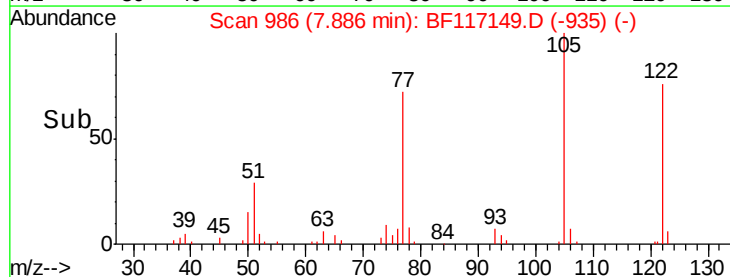


#32
Benzoic acid
Concen: 30.086 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Tgt Ion:122 Resp: 81567
Ion Ratio Lower Upper
122 100
105 132.1 114.8 154.8
77 97.3 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

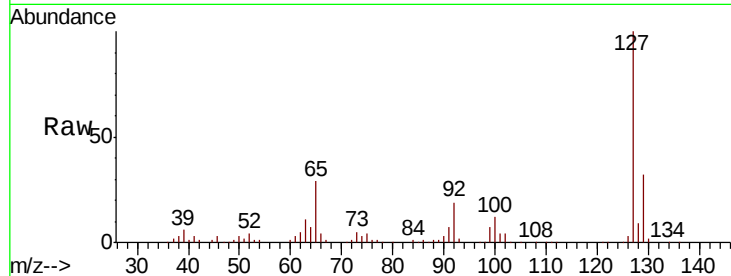




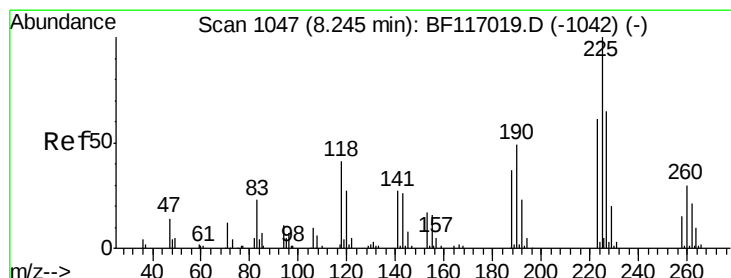
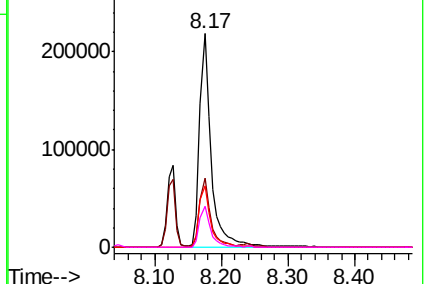
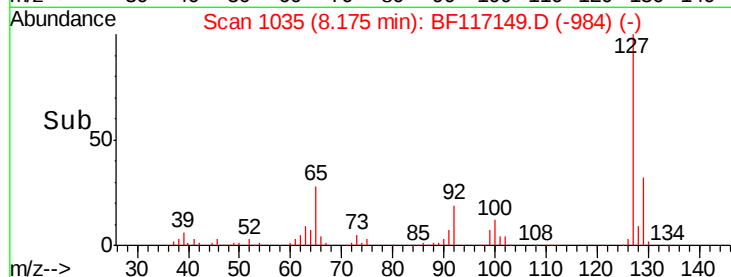
#33
4-Chloroaniline
Concen: 38.663 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	255525
Ion Ratio	Lower	Upper
127 100		
129 32.4	26.2	39.2
65 28.9	23.5	35.3
92 19.3	15.9	23.9

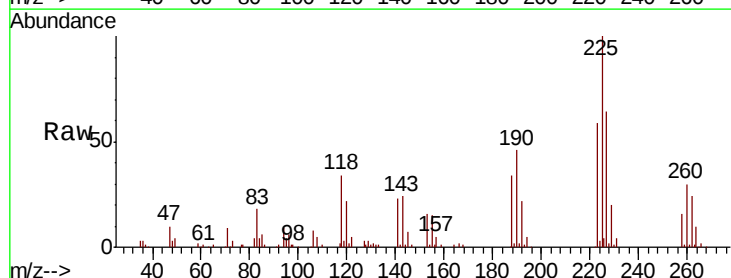


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

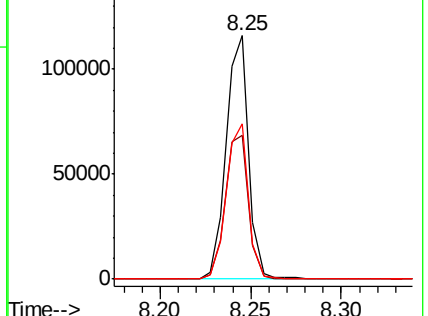
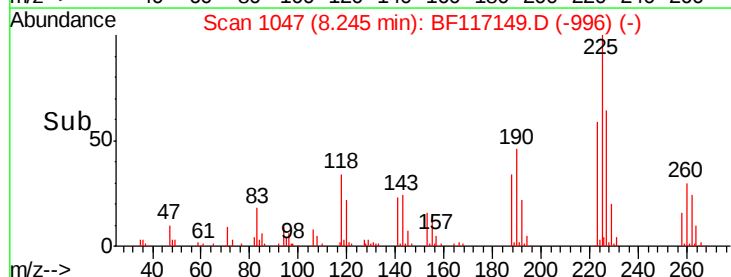


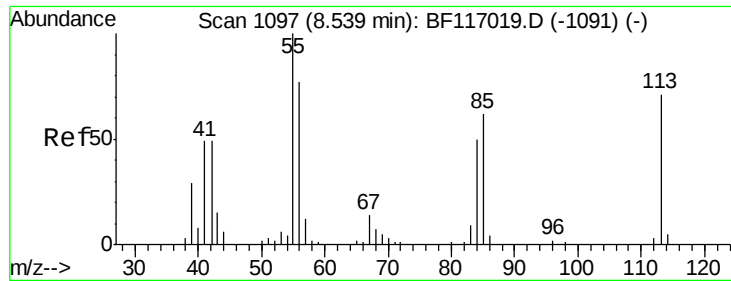
#34
Hexachlorobutadiene
Concen: 39.190 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Tgt Ion:225	Resp:	99839
Ion Ratio	Lower	Upper
225 100		
223 59.2	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

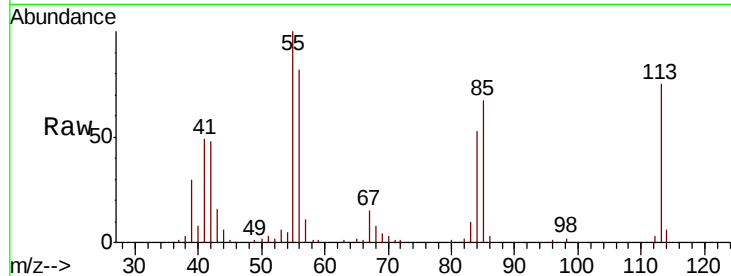




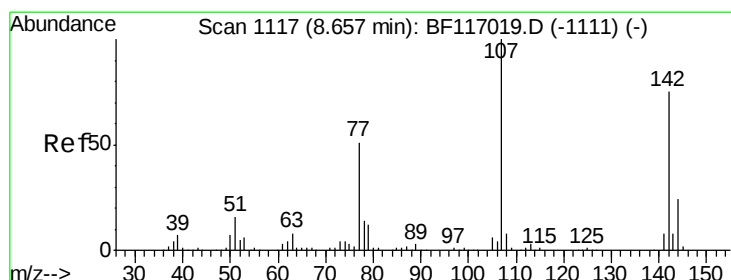
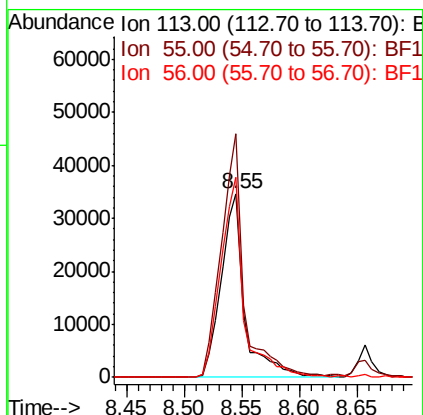
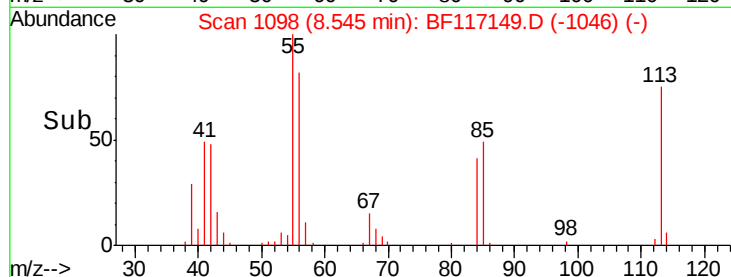
#35
Caprolactam
Concen: 34.685 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 48795
Ion Ratio Lower Upper
113 100
55 132.7 120.6 160.6
56 109.3 88.8 128.8

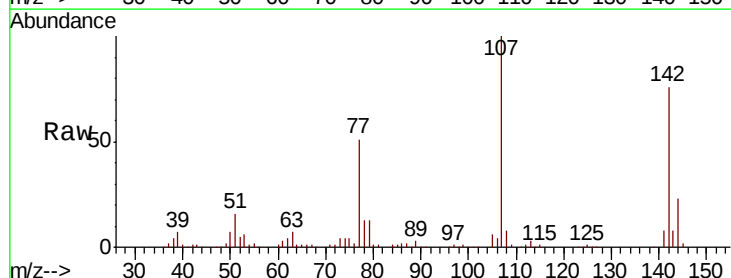


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

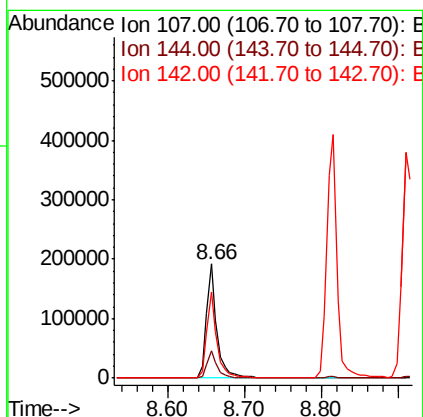
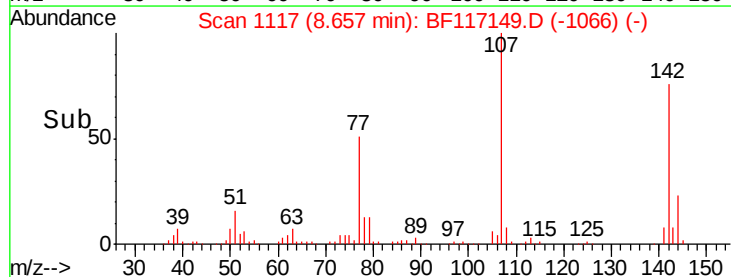


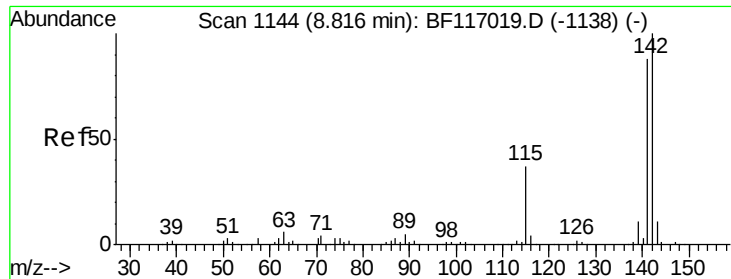
#36
4-Chloro-3-methylphenol
Concen: 37.428 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Tgt Ion:107 Resp: 181384
Ion Ratio Lower Upper
107 100
144 23.5 19.2 28.8
142 76.0 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

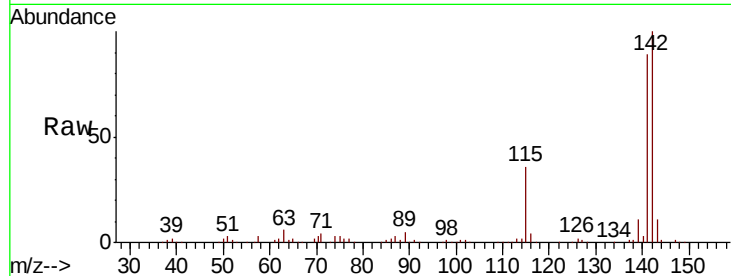




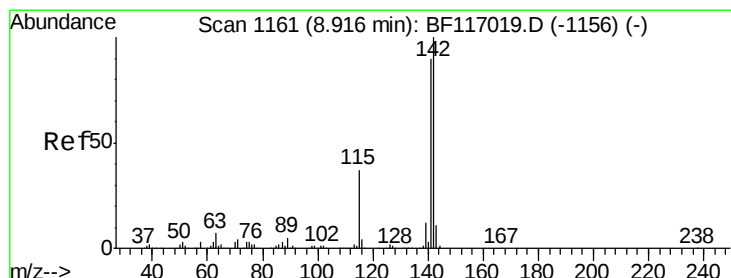
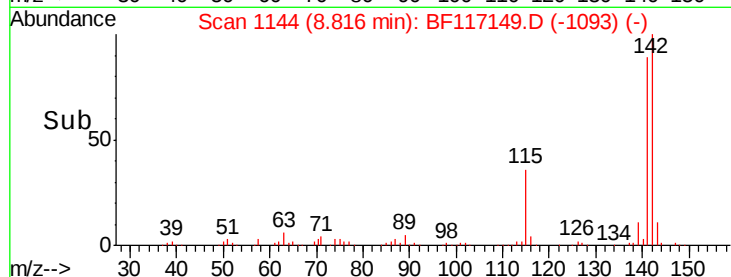
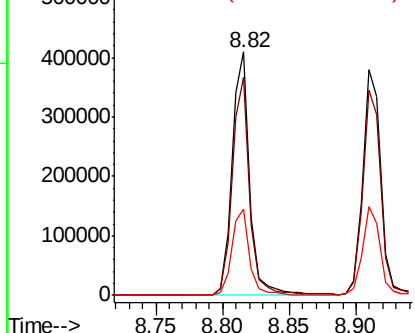
#37
2-Methylnaphthalene
Concen: 38.086 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.7	106.1
115	35.6	29.4	44.0

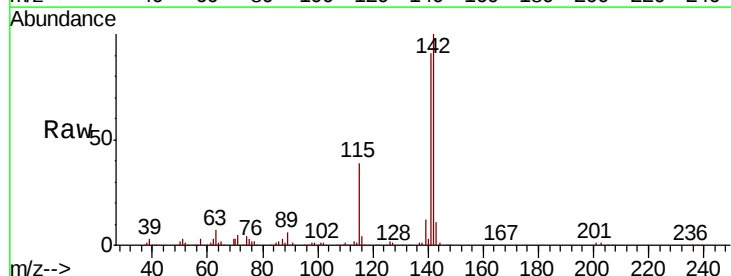


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

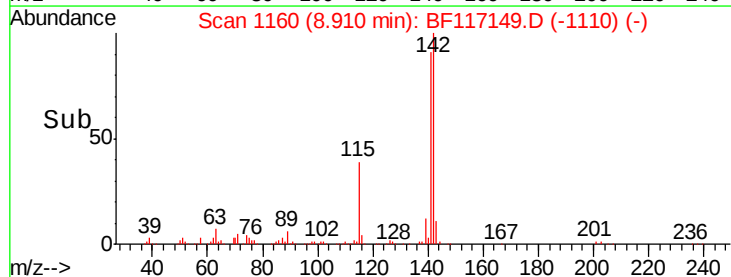
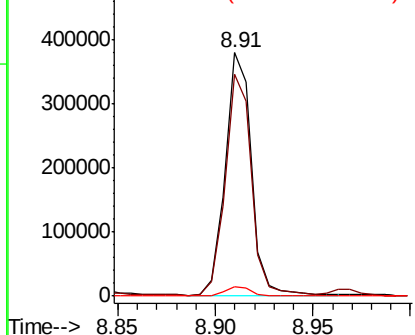


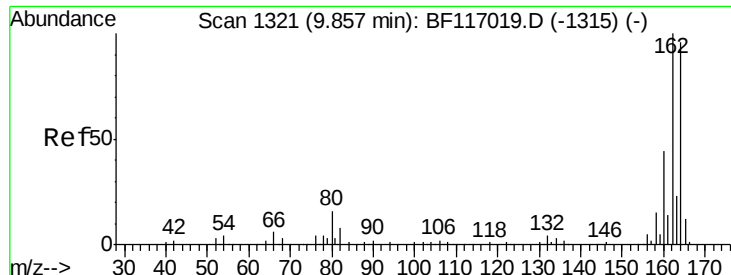
#38
1-Methylnaphthalene
Concen: 37.145 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.9	107.9
116	4.1	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: BF117149.D

Acq: 18 Sep 2019 17:16

Instrument :

BNA_F

ClientSampleId :

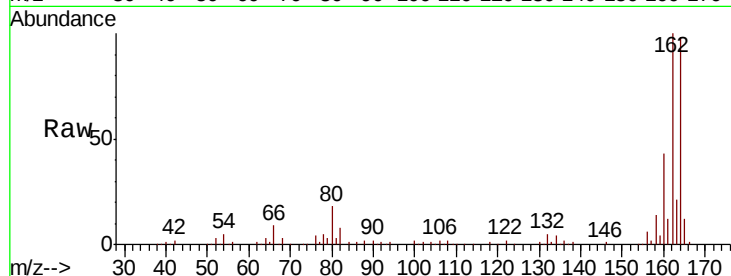
Tot Ion:164 Resp: 158806

Ion Ratio Lower Upper

164 100

162 101.5 83.4 125.2

160 44.0 36.4 54.6

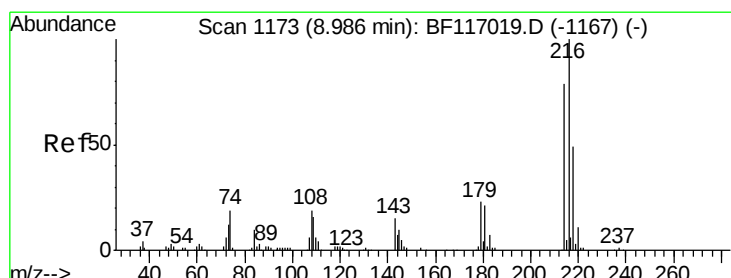
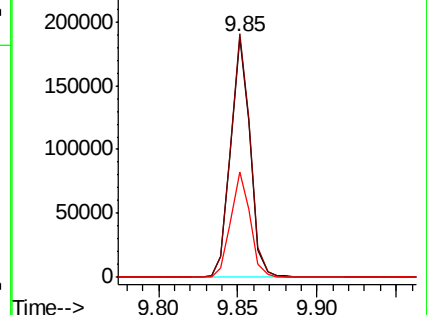
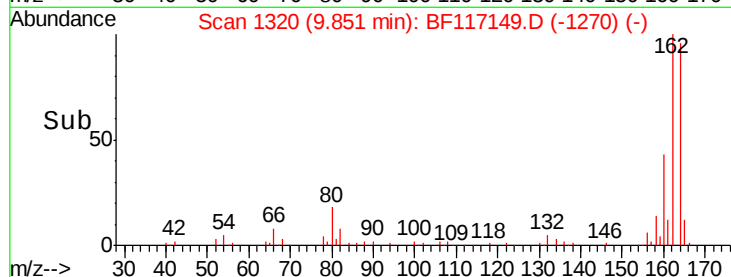


Abundance

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: 38.370 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

Tgt Ion:216 Resp: 157347

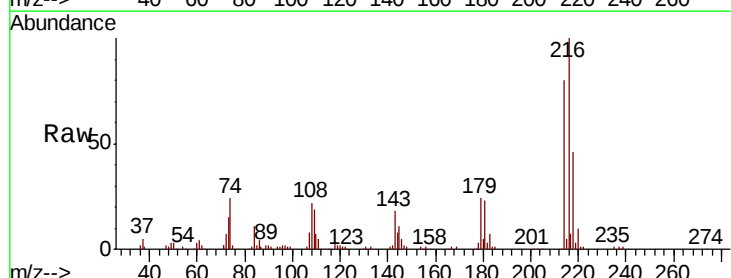
Ion Ratio Lower Upper

216 100

214 80.2 63.6 95.4

179 23.6 18.3 27.5

108 22.2 17.8 26.6



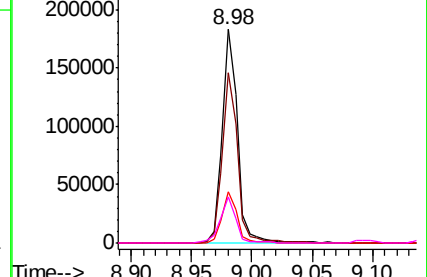
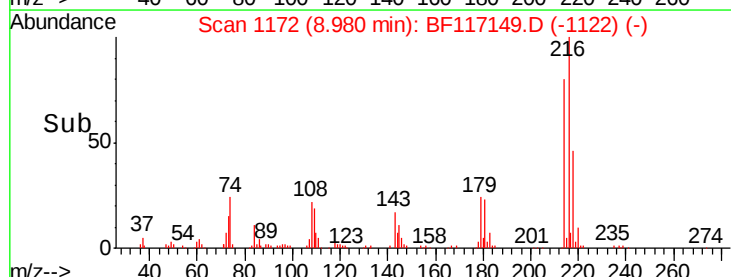
Abundance

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

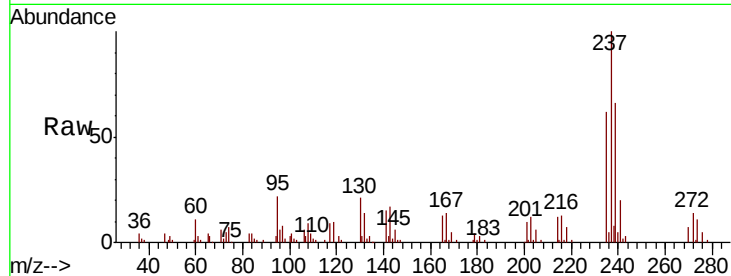




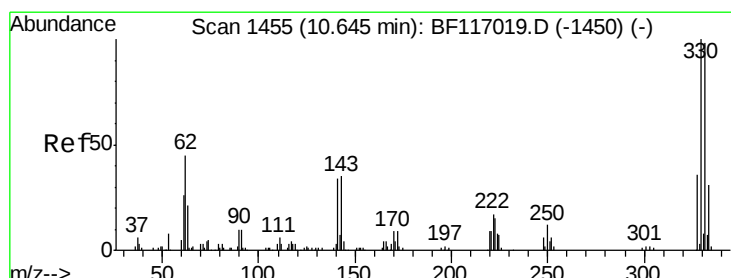
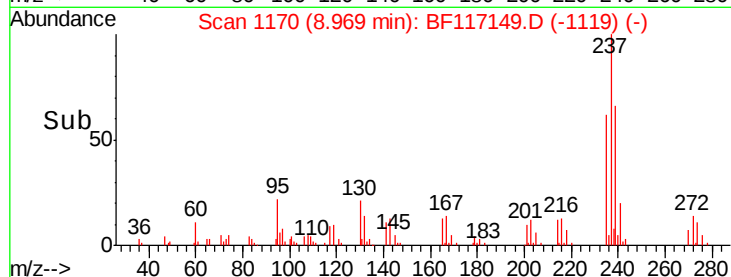
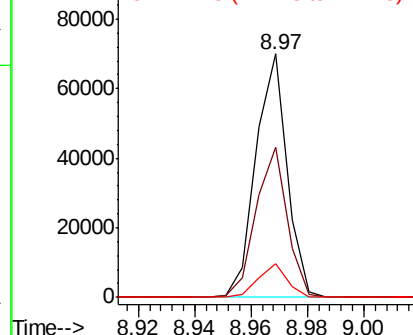
#41
Hexachlorocyclopentadiene
Concen: 34.562 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 53691
Ion Ratio Lower Upper
237 100
235 61.6 43.2 83.2
272 13.9 0.0 31.9

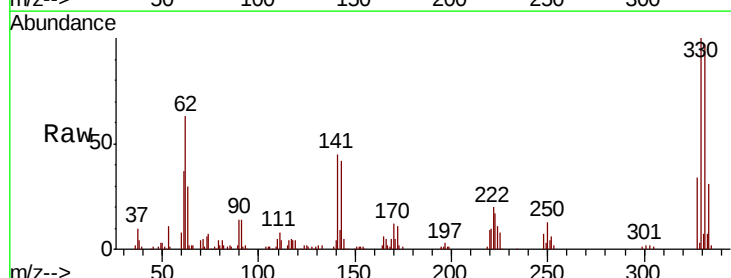


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

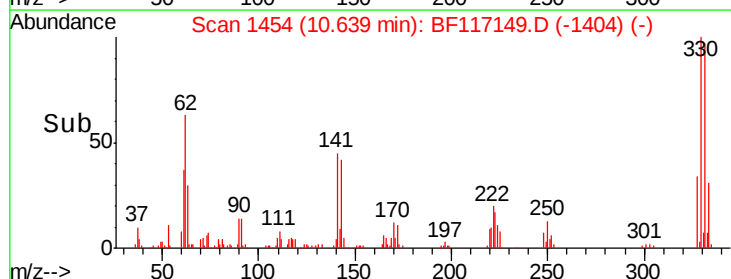
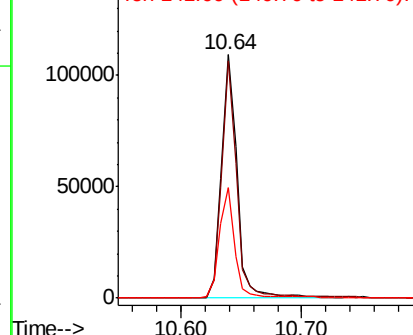


#42
2,4,6-Tribromophenol
Concen: 73.211 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Tgt Ion:330 Resp: 97170
Ion Ratio Lower Upper
330 100
332 95.0 78.0 117.0
141 44.5 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

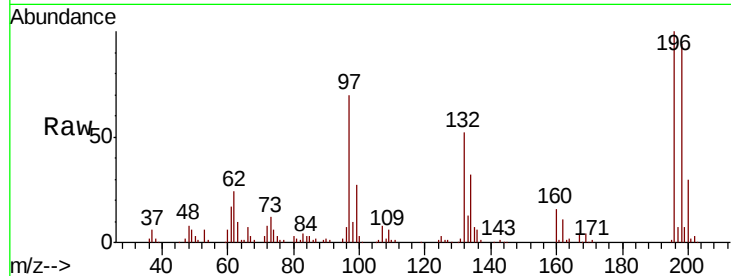




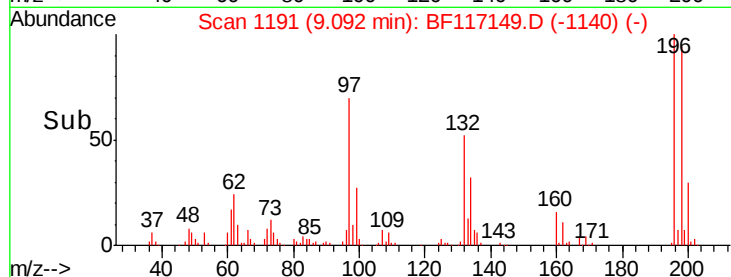
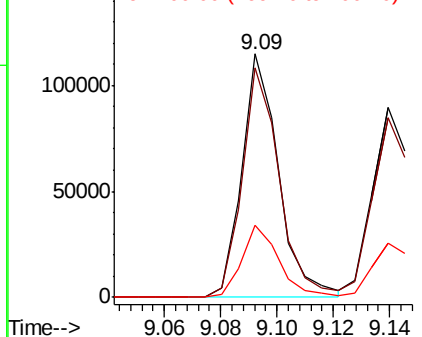
#43
2,4,6-Trichlorophenol
Concen: 37.218 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 103574
Ion Ratio Lower Upper
196 100
198 94.4 75.7 113.5
200 29.6 23.3 34.9



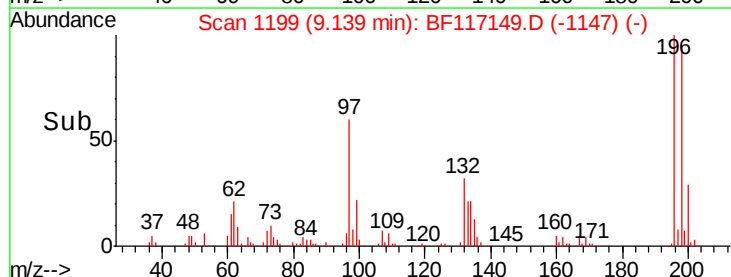
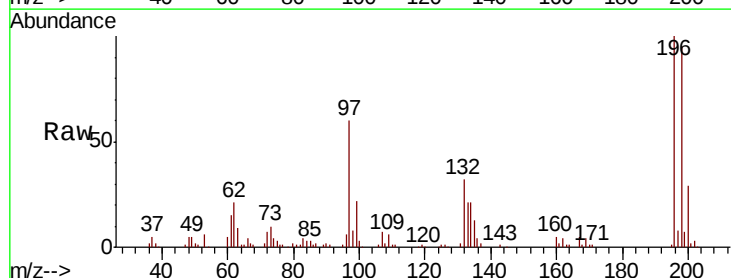
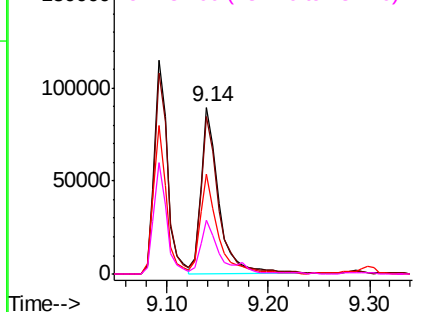
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 36.593 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Tgt Ion:196 Resp: 108802
Ion Ratio Lower Upper
196 100
198 94.6 74.6 112.0
97 60.1 49.5 74.3
132 32.4 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

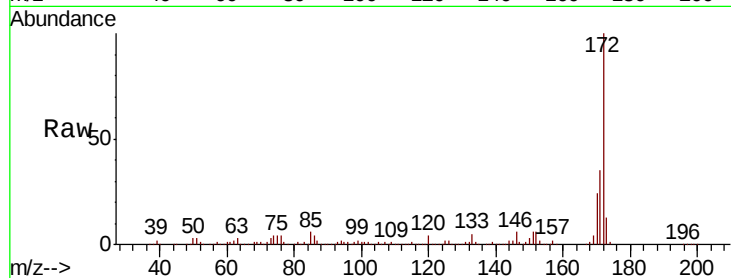




#45
2-Fluorobiphenyl
Concen: 76.601 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.6	18.9	28.3

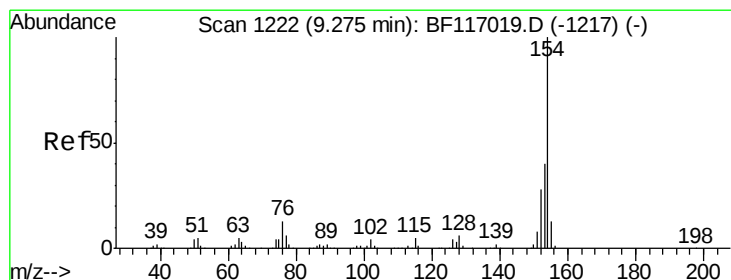
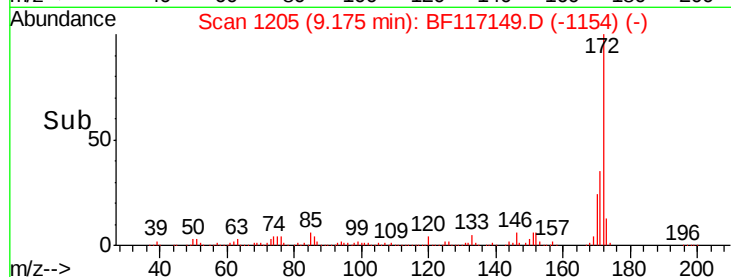
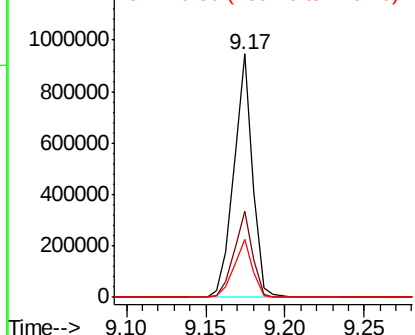


Abundance

Ion 172.00 (171.70 to 172.70): E

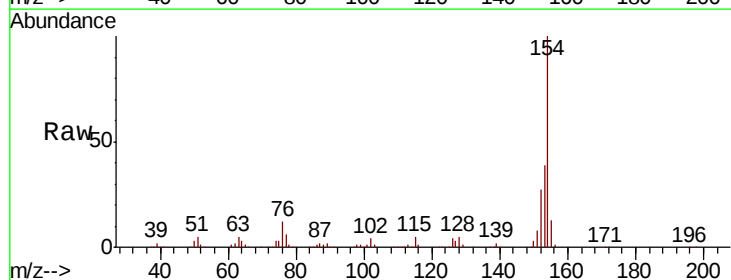
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.786 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.7	20.0	60.0
76	11.7	0.0	32.7

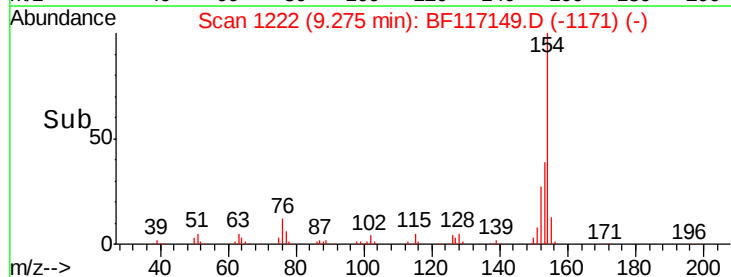
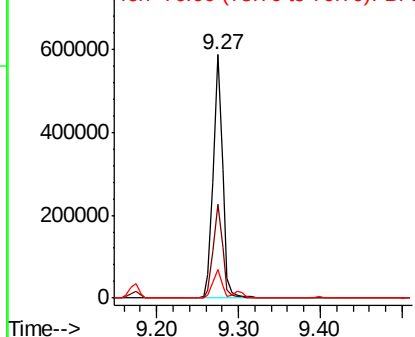


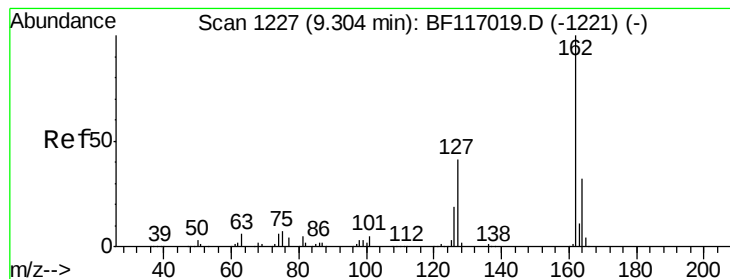
Abundance

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: 37.190 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

Instrument :

BNA_F

ClientSampled :

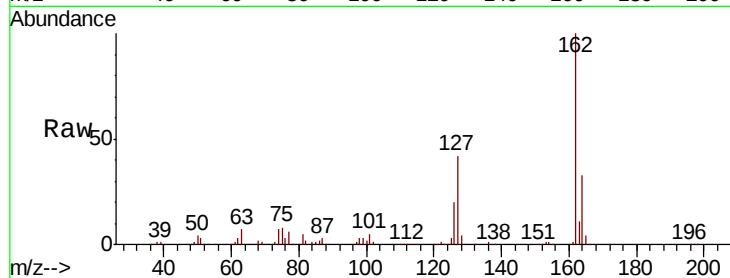
Tot Ion:162 Resp: 365616

Ion Ratio Lower Upper

162 100

127 41.6 34.1 51.1

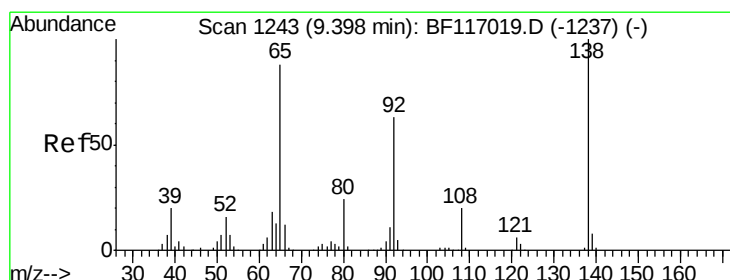
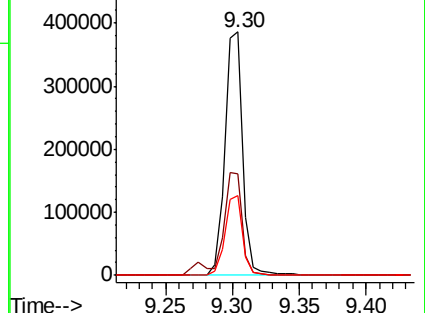
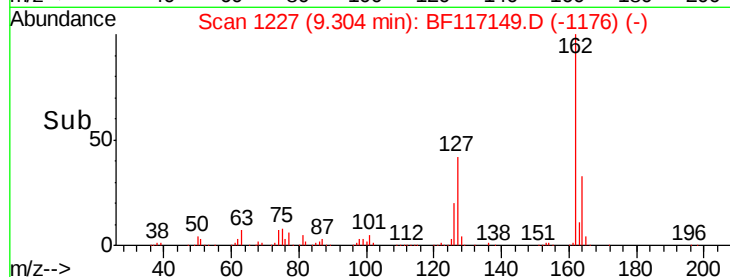
164 32.6 25.9 38.9



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: 37.397 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

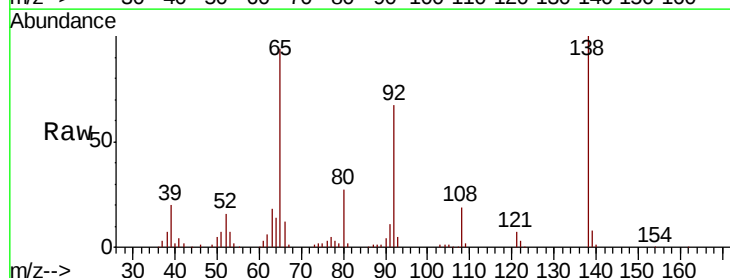
Tgt Ion: 65 Resp: 117924

Ion Ratio Lower Upper

65 100

92 71.7 57.5 86.3

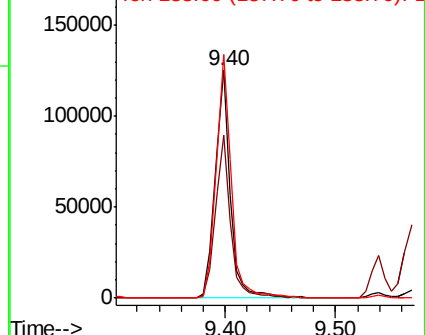
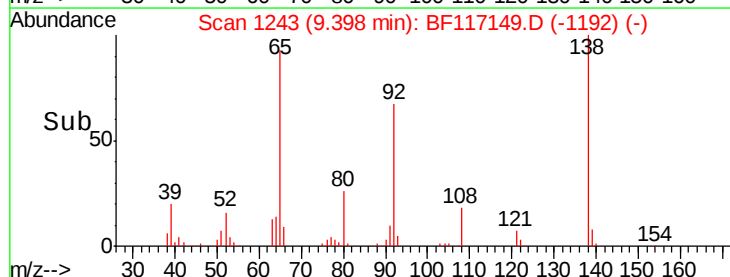
138 106.9 90.6 136.0



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: 36.905 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

Instrument :

BNA_F

ClientSampleId :

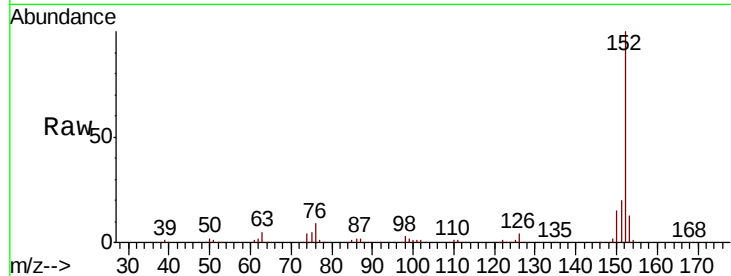
Tot Ion:152 Resp: 543508

Ion Ratio Lower Upper

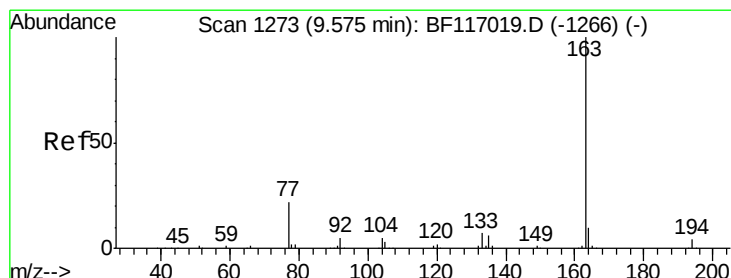
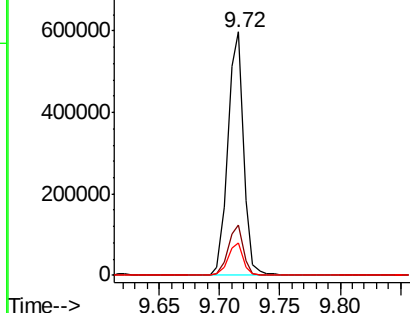
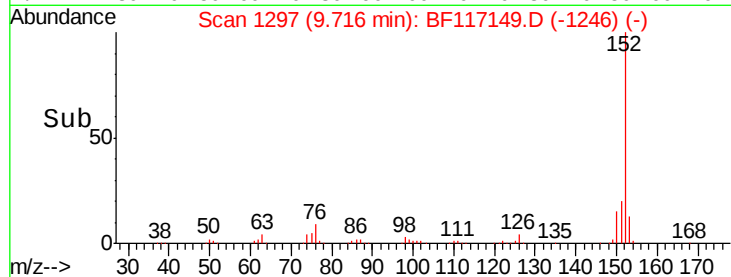
152 100

151 20.5 16.2 24.2

153 13.2 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: 36.847 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

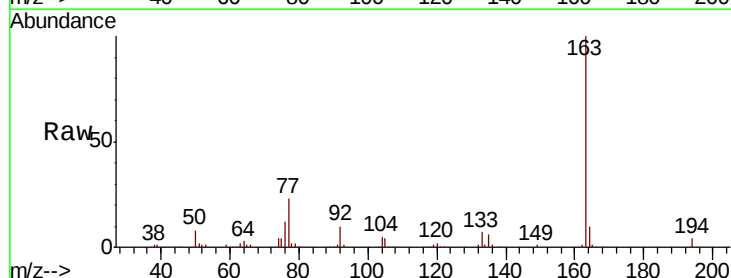
Tgt Ion:163 Resp: 414314

Ion Ratio Lower Upper

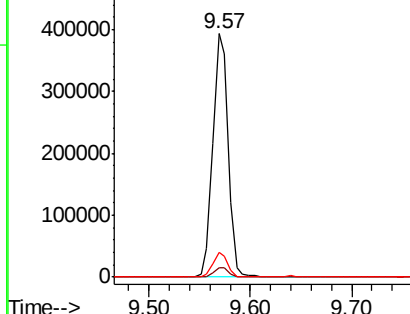
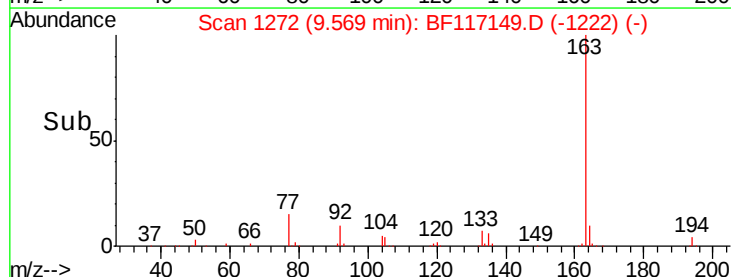
163 100

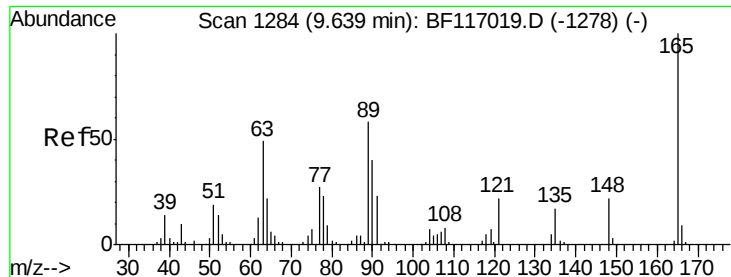
194 3.6 2.9 4.3

164 10.2 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: 38.146 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

Instrument :

BNA_F

ClientSampleId :

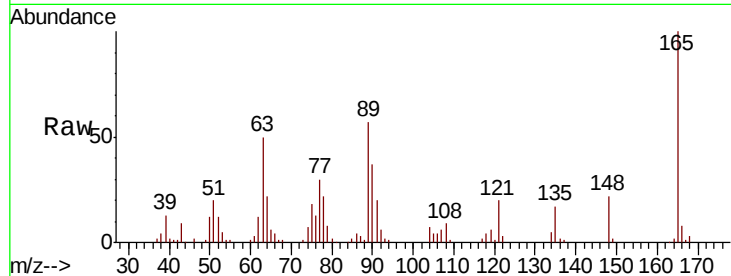
Tot Ion:165 Resp: 87358

Ion Ratio Lower Upper

165 100

63 49.7 41.8 62.8

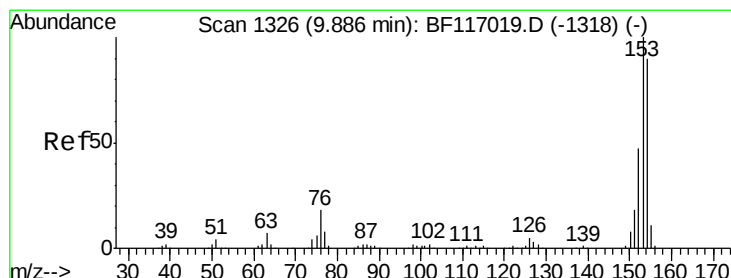
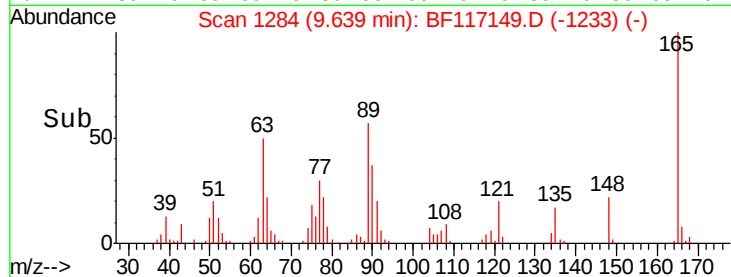
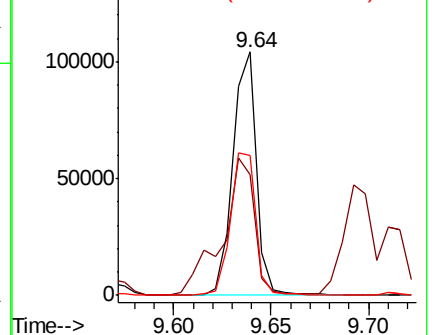
89 57.3 46.5 69.7



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: 36.556 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

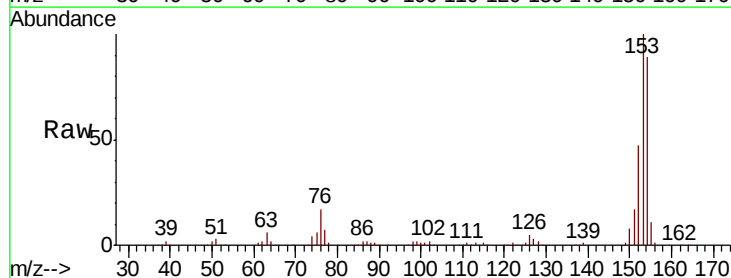
Tgt Ion:154 Resp: 319143

Ion Ratio Lower Upper

154 100

153 111.9 89.0 133.6

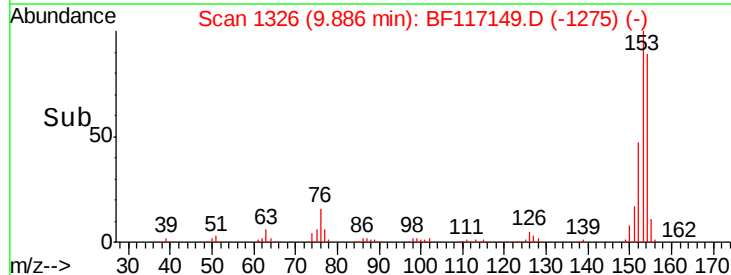
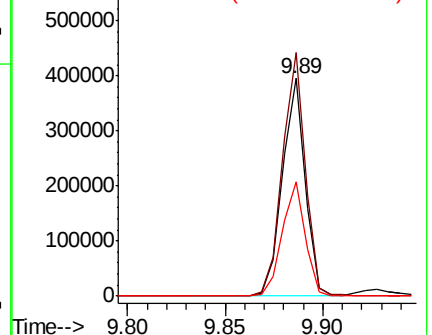
152 52.3 41.9 62.9

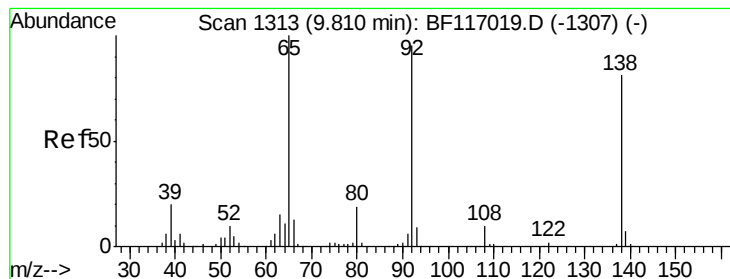


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 36.163 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

Instrument :

BNA_F

ClientSampleId :

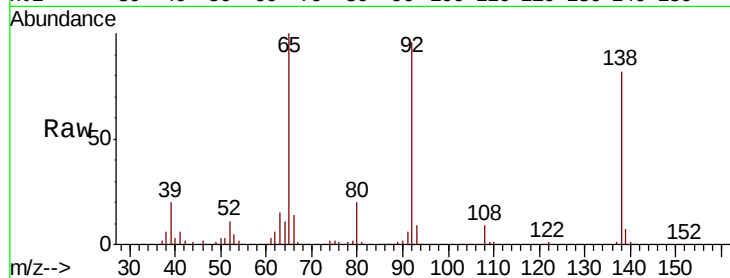
Tot Ion:138 Resp: 104489

Ion Ratio Lower Upper

138 100

108 10.8 9.5 14.3

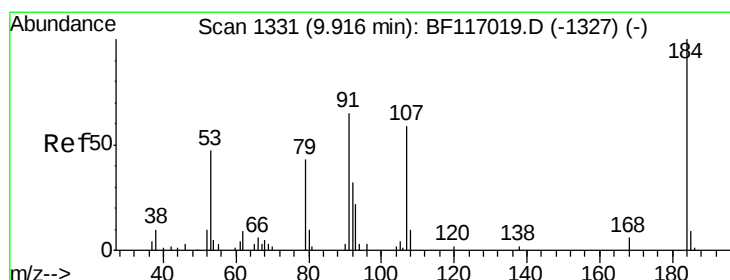
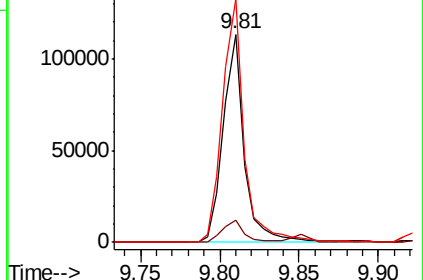
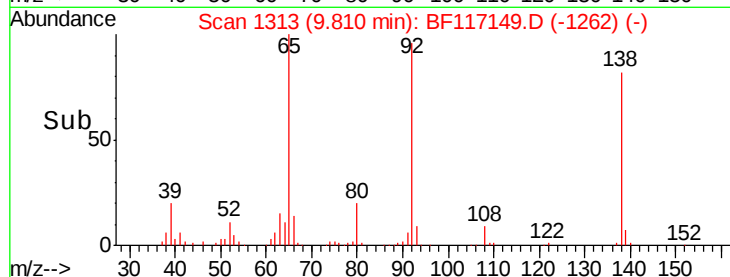
92 117.1 94.1 141.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 32.574 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

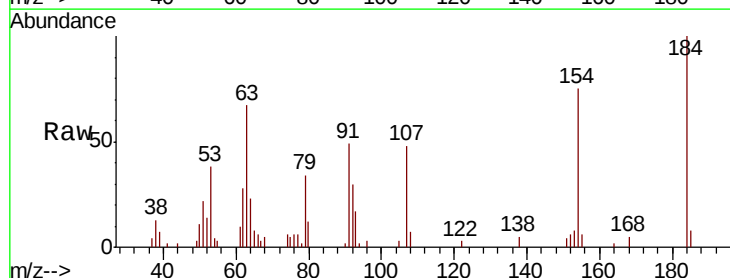
Tgt Ion:184 Resp: 26142

Ion Ratio Lower Upper

184 100

63 67.2 63.8 95.6

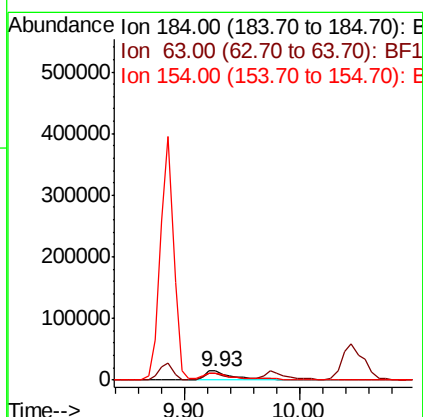
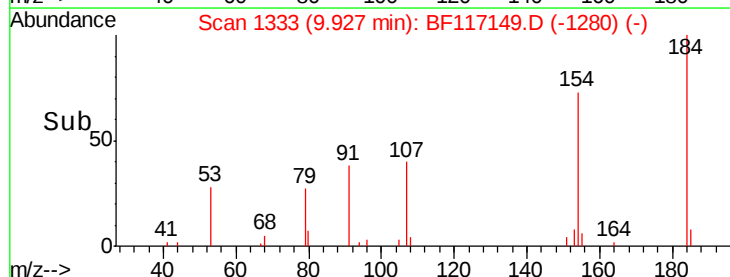
154 75.0 60.4 90.6

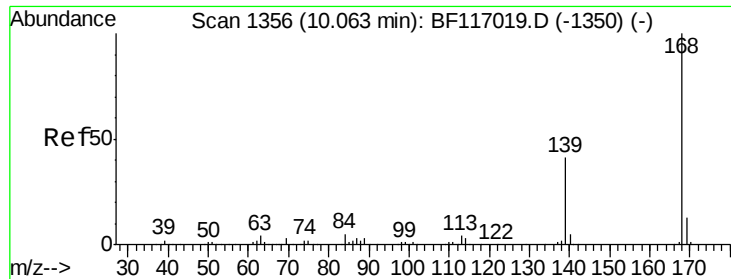


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

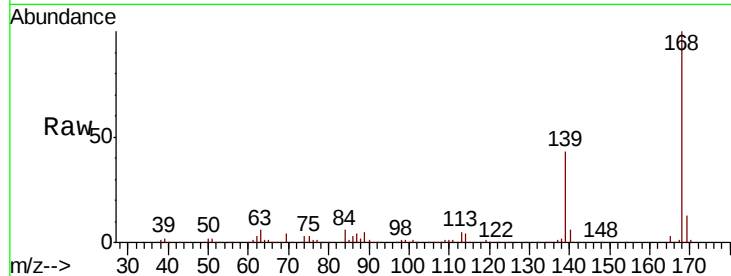




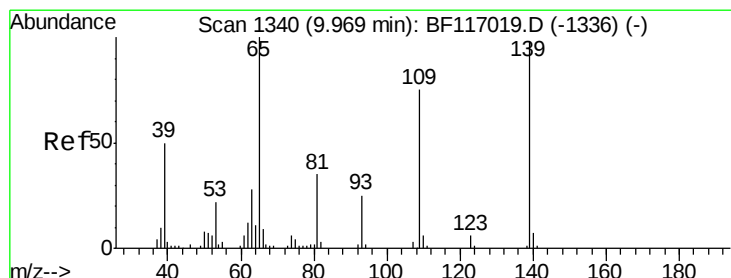
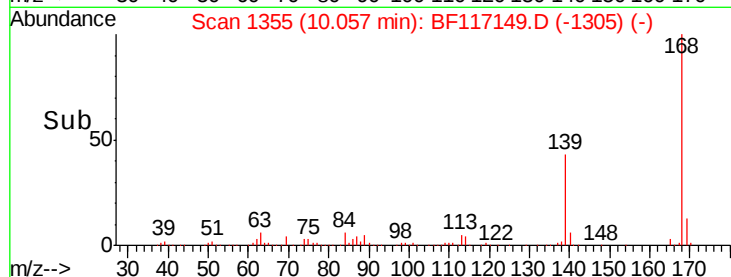
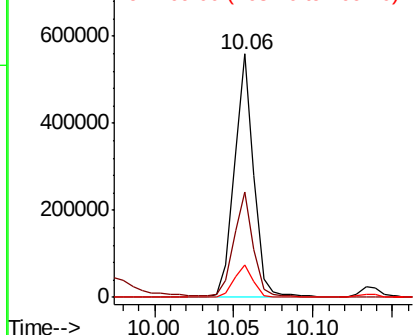
#55
Dibenzenofuran
Concen: 36.737 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 473201
Ion Ratio Lower Upper
168 100
139 43.1 32.8 49.2
169 13.3 10.5 15.7

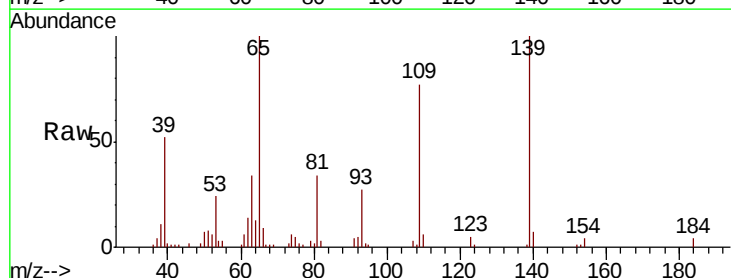


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

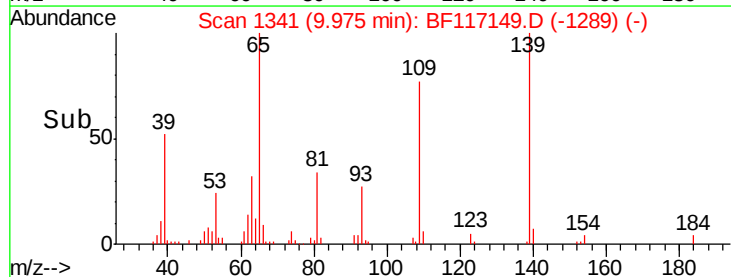
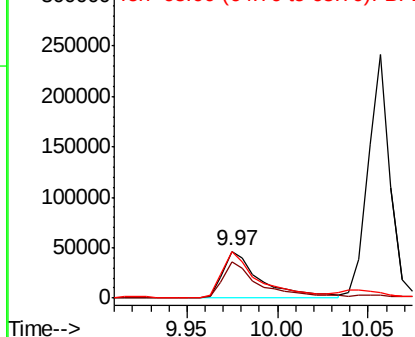


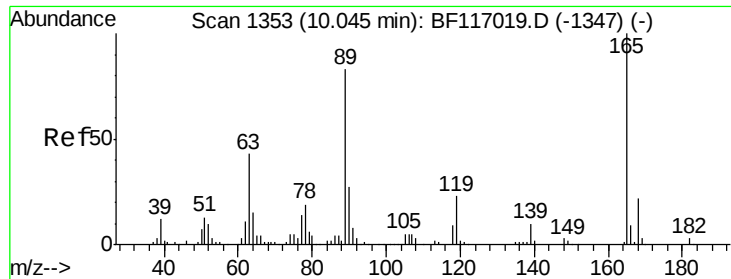
#56
4-Nitrophenol
Concen: 36.166 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Tgt Ion:139 Resp: 67726
Ion Ratio Lower Upper
139 100
109 77.0 56.4 96.4
65 99.9 82.5 122.5



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





#57

2,4-Dinitrotoluene

Concen: 38.254 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 113718

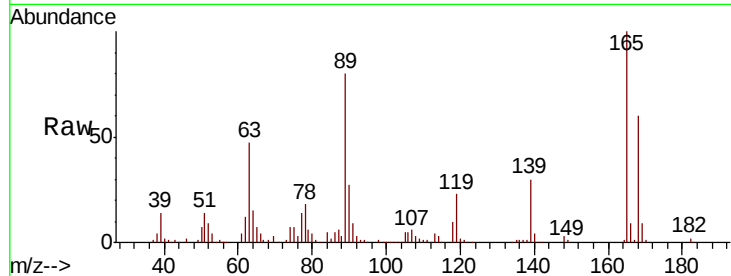
Ion Ratio Lower Upper

165 100

63 47.1 35.0 52.4

89 80.1 66.1 99.1

182 2.4 2.0 3.0

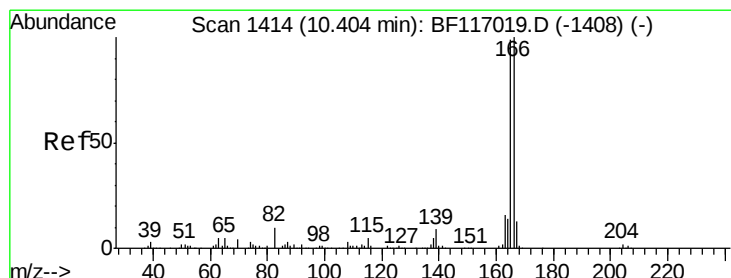
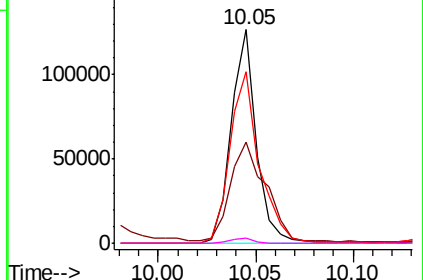
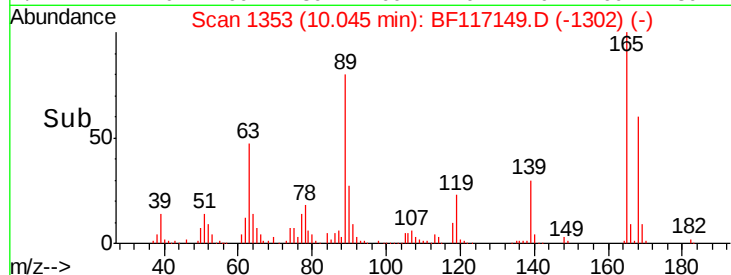


Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.200 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

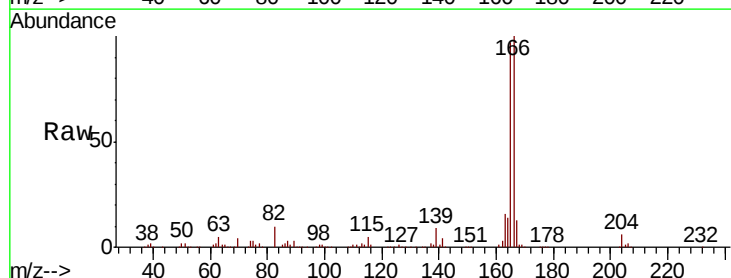
Tgt Ion:166 Resp: 385984

Ion Ratio Lower Upper

166 100

165 96.7 78.9 118.3

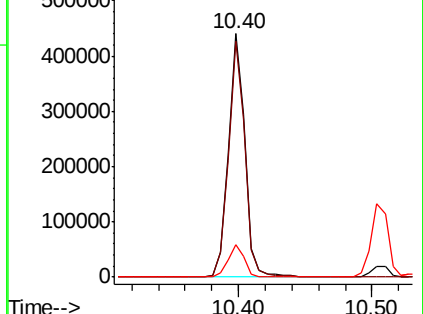
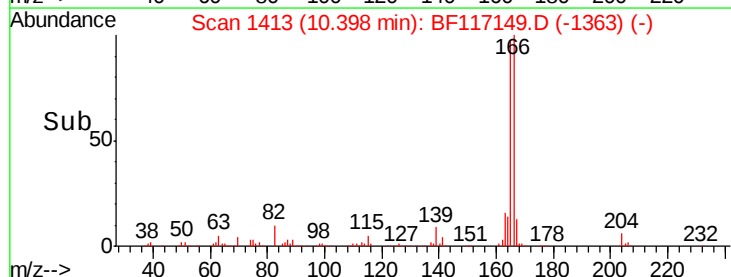
167 13.3 10.6 15.8



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

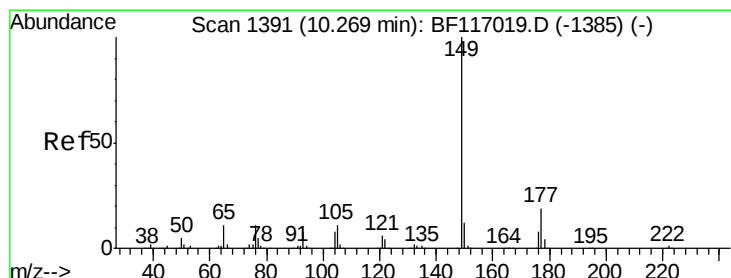
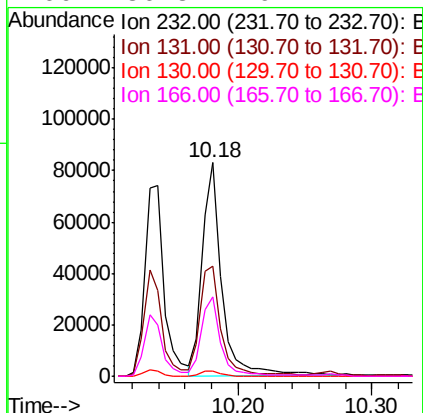
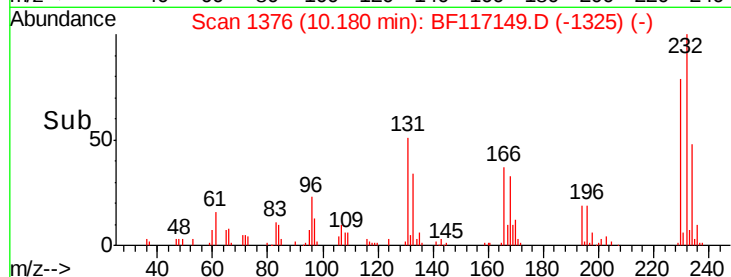
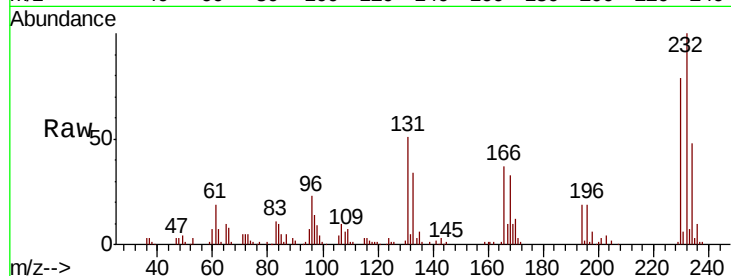




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.454 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

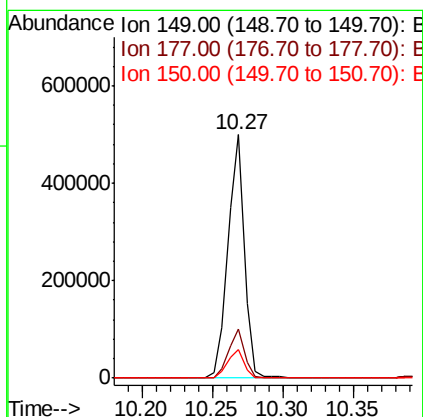
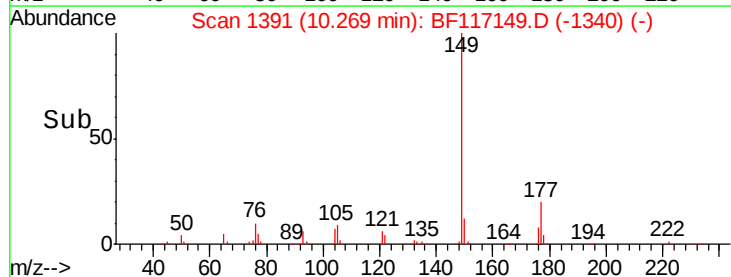
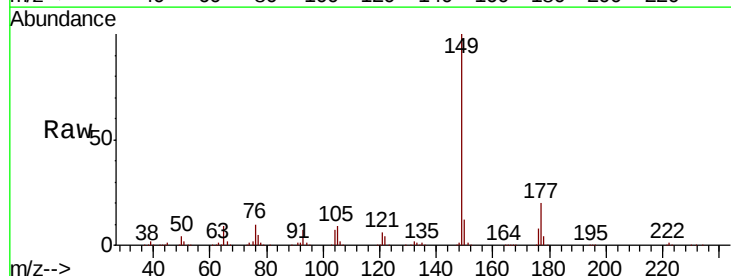
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 82944
 Ion Ratio Lower Upper
 232 100
 131 57.3 45.3 67.9
 130 2.6 1.8 2.8
 166 36.3 29.4 44.2



#60
 Diethylphthalate
 Concen: 36.649 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

Tgt Ion:149 Resp: 405429
 Ion Ratio Lower Upper
 149 100
 177 20.1 15.2 22.8
 150 12.0 9.9 14.9

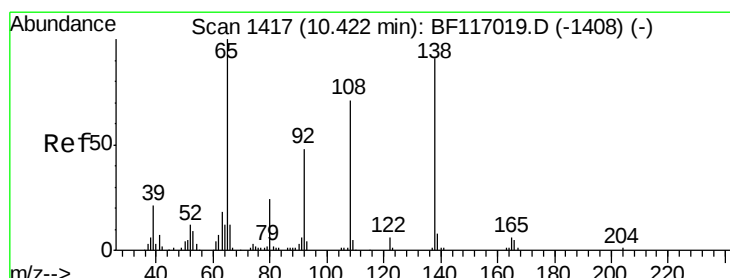
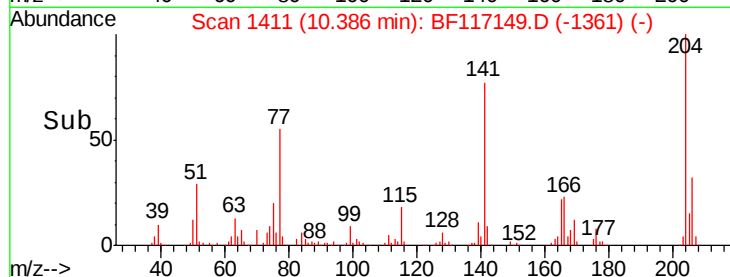
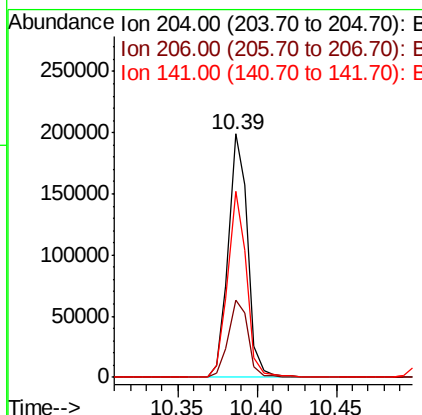
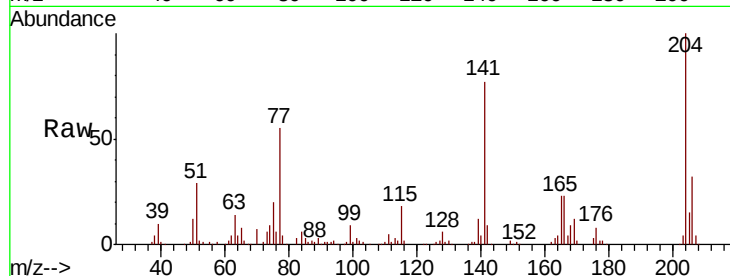




#61
4-Chlorophenyl-phenylether
Concen: 37.621 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

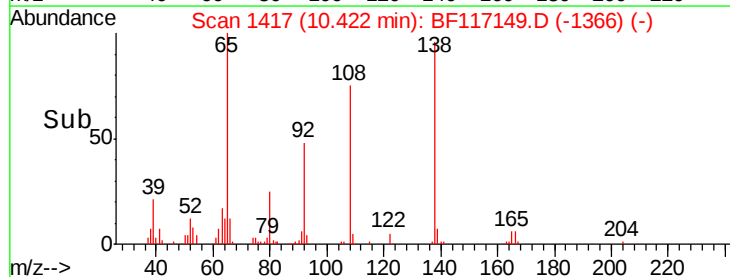
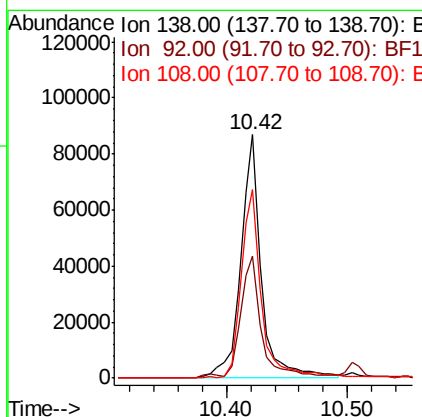
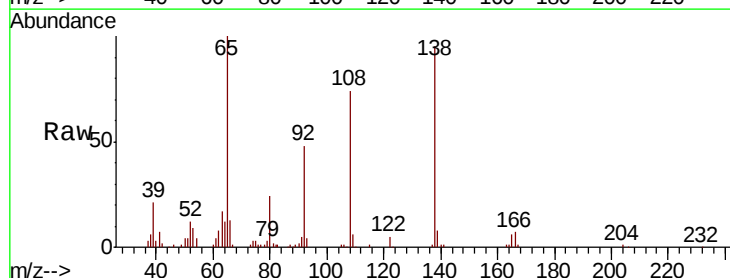
Instrument :
BNA_F
ClientSampled :

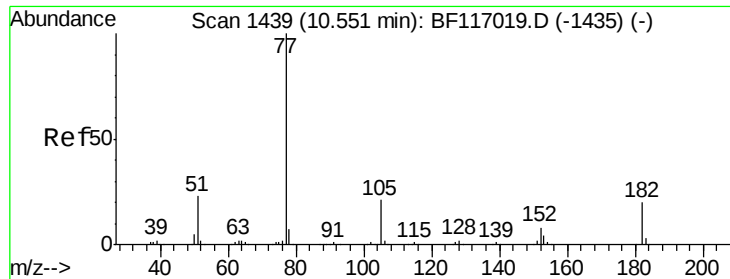
Tot Ion:204 Resp: 168890
Ion Ratio Lower Upper
204 100
206 31.8 26.0 39.0
141 76.5 58.2 87.2



#62
4-Nitroaniline
Concen: 34.286 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Tgt Ion:138 Resp: 103025
Ion Ratio Lower Upper
138 100
92 50.0 32.9 72.9
108 77.7 58.3 98.3





#63

Azobenzene

Concen: 36.226 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 409297

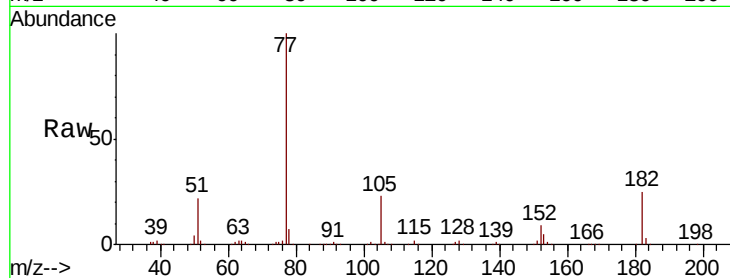
Ion Ratio Lower Upper

77 100

182 24.5 0.4 40.4

105 22.6 0.9 40.9

51 21.7 2.8 42.8

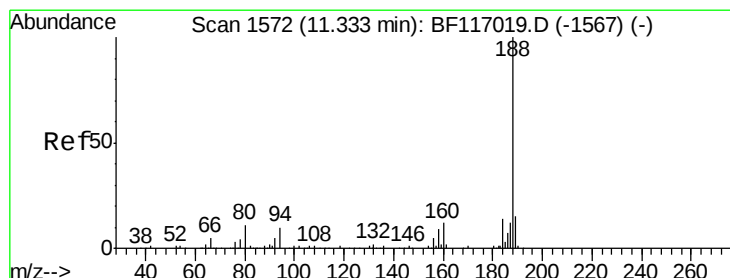
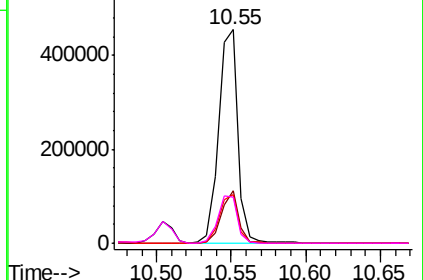
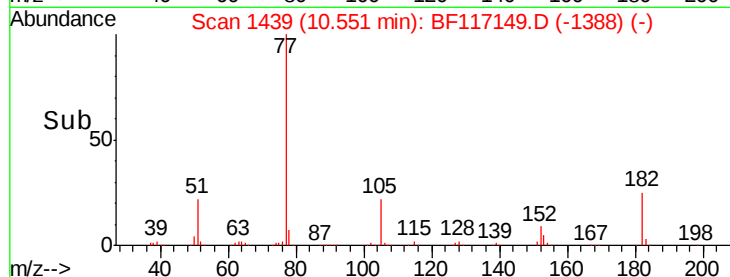


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF117149.D

Acq: 18 Sep 2019 17:16

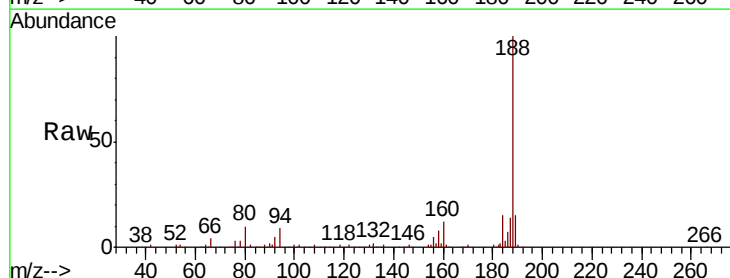
Tgt Ion: 188 Resp: 247047

Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

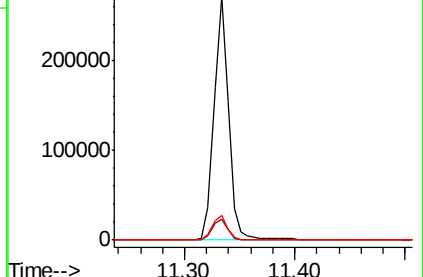
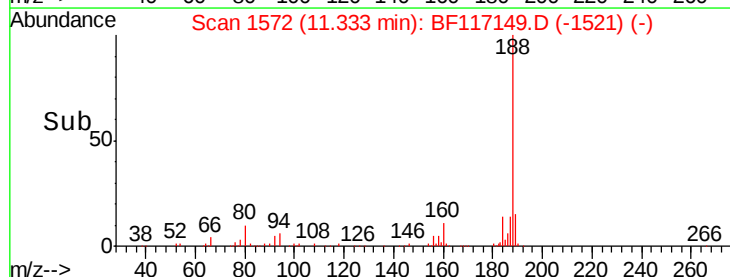
80 10.0 9.0 13.6



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

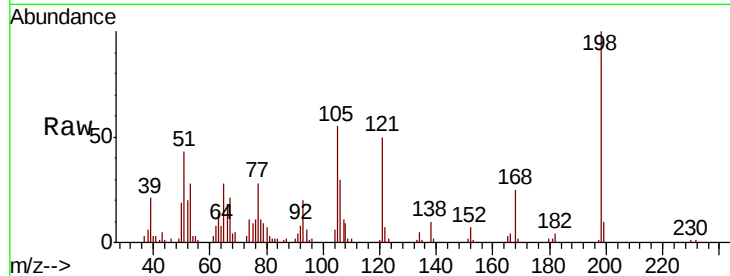




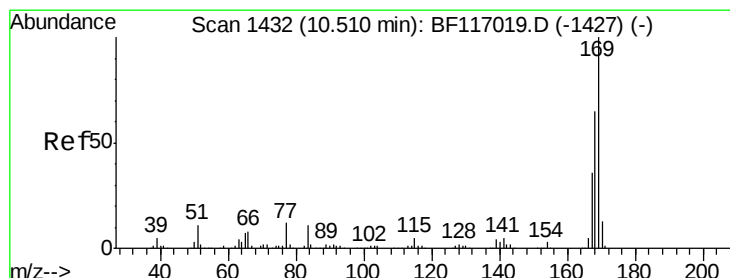
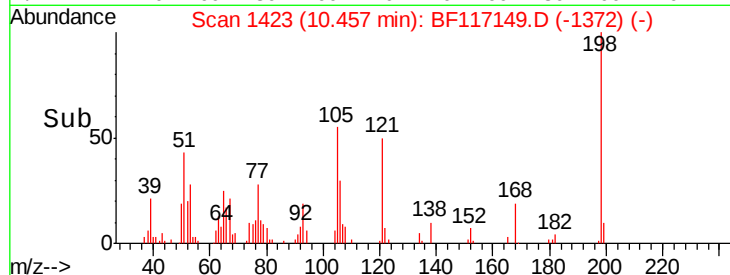
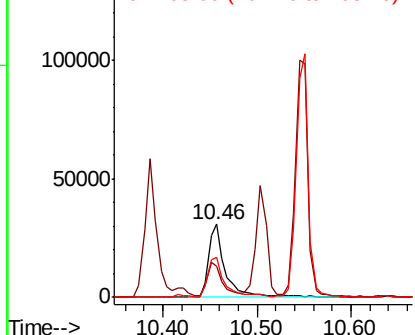
#65
4,6-Dinitro-2-methylphenol
Concen: 36.418 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 38805
Ion Ratio Lower Upper
198 100
51 43.4 18.7 58.7
105 54.6 30.2 70.2

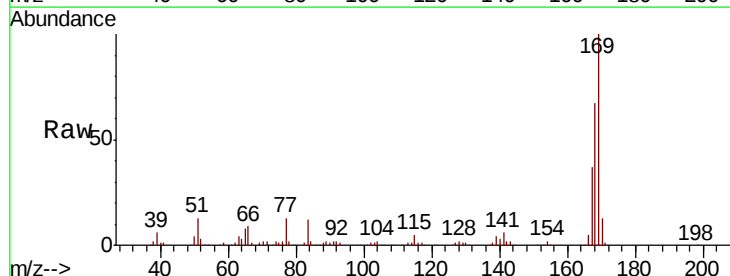


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

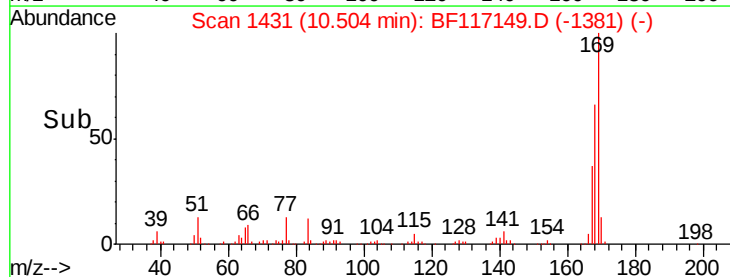
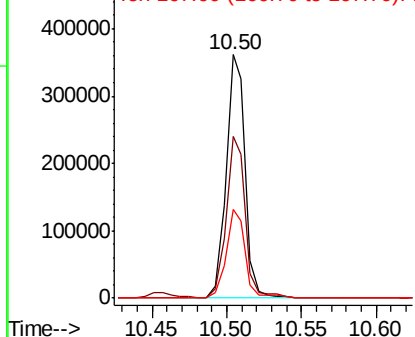


#66
n-Nitrosodiphenylamine
Concen: 38.271 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Tgt Ion:169 Resp: 326527
Ion Ratio Lower Upper
169 100
168 66.6 52.2 78.2
167 36.7 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

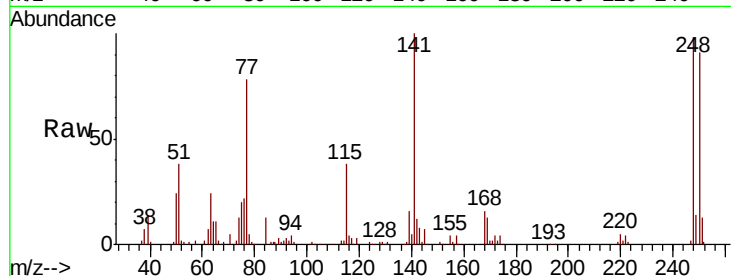




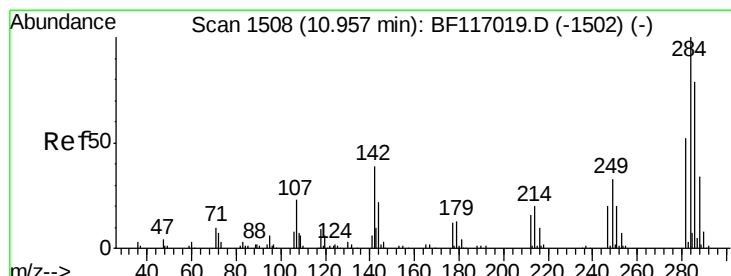
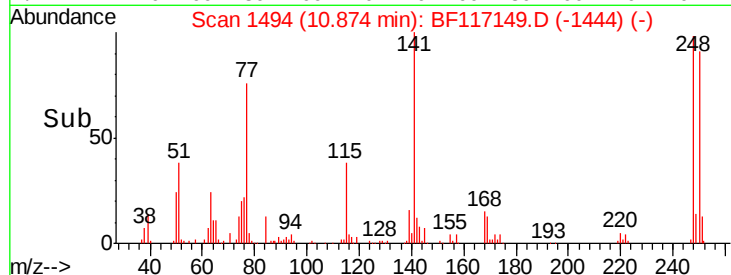
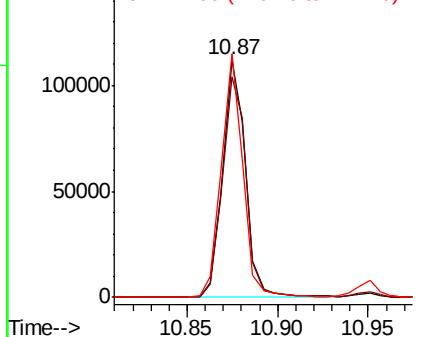
#67
 4-Bromophenyl-phenylether
 Concen: 38.591 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 97364
 Ion Ratio Lower Upper
 248 100
 250 93.1 76.2 114.4
 141 102.5 75.0 112.4

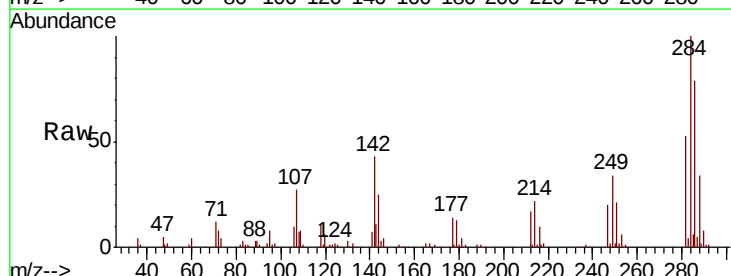


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

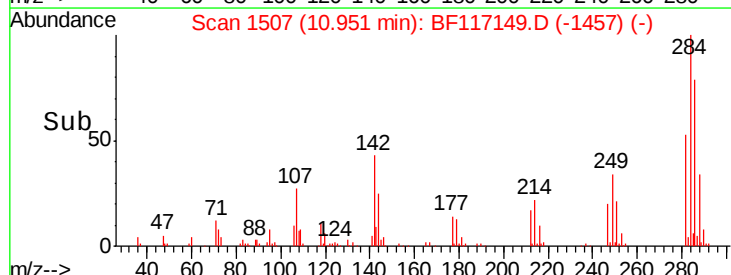
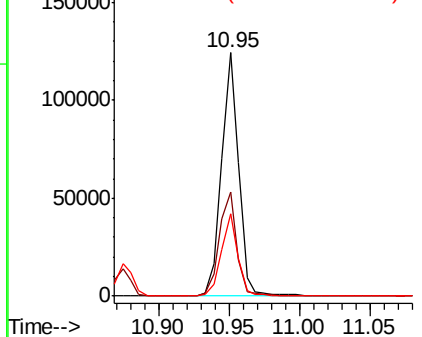


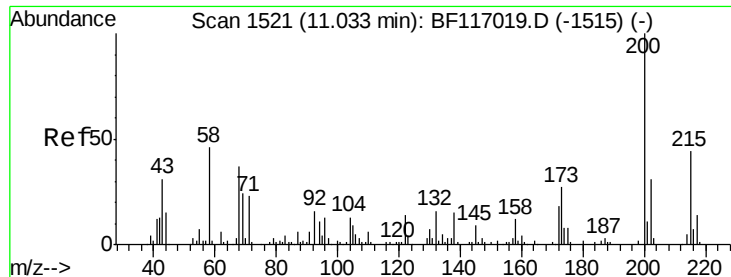
#68
 Hexachlorobenzene
 Concen: 38.364 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

Tgt Ion:284 Resp: 105865
 Ion Ratio Lower Upper
 284 100
 142 42.8 31.4 47.2
 249 33.6 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

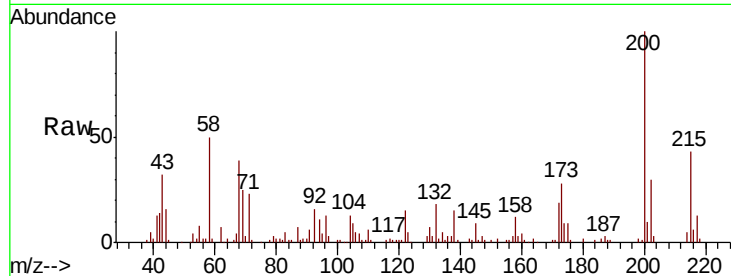




#69
 Atrazine
 Concen: 35.792 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	6.9	46.9
215	42.6	23.8	63.8

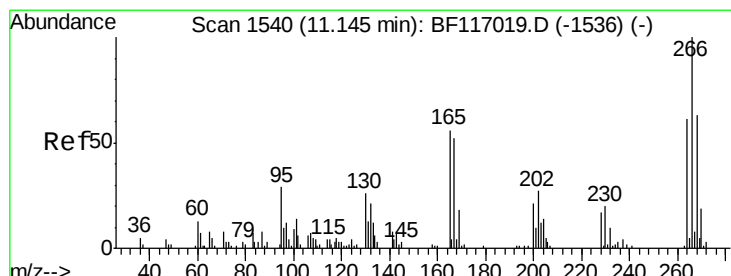
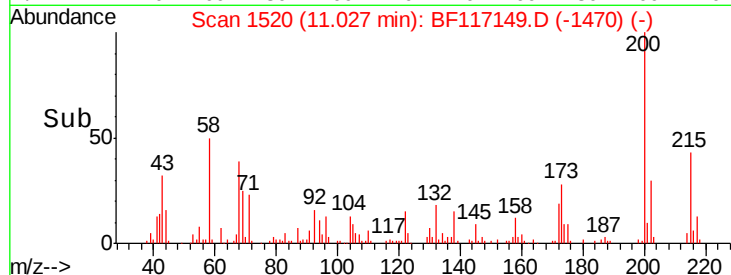
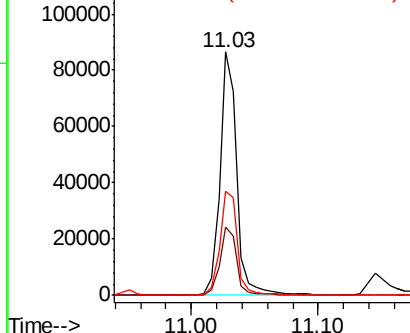


Abundance

Ion 200.00 (199.70 to 200.70): E

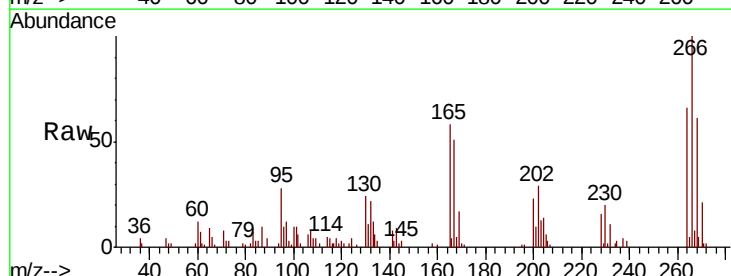
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 43.736 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.3	50.5	75.7
264	65.7	48.8	73.2

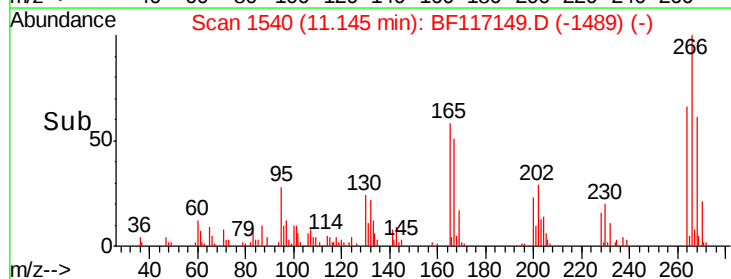
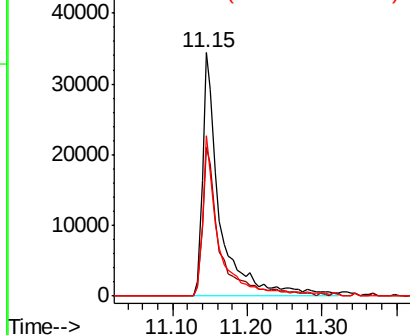


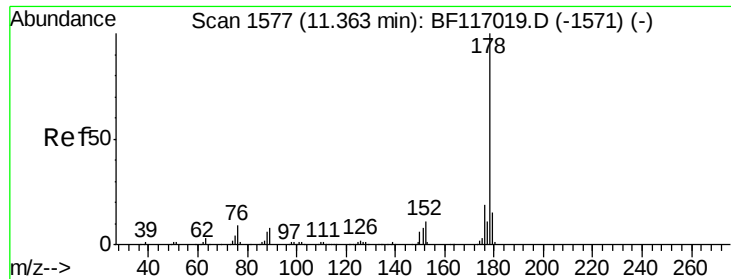
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.188 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

Instrument :

BNA_F

ClientSampleId :

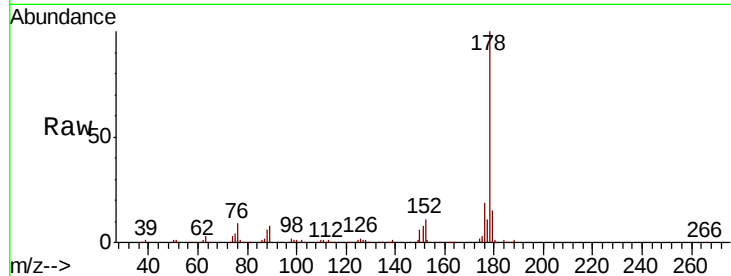
Tot Ion:178 Resp: 521822

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

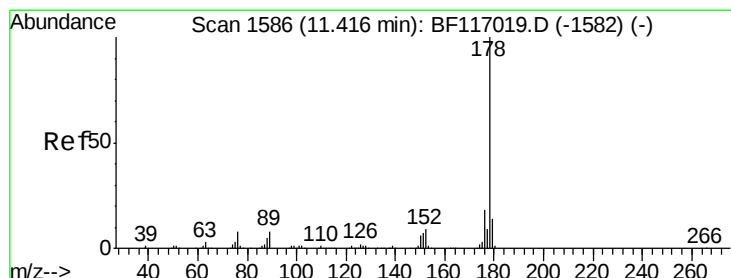
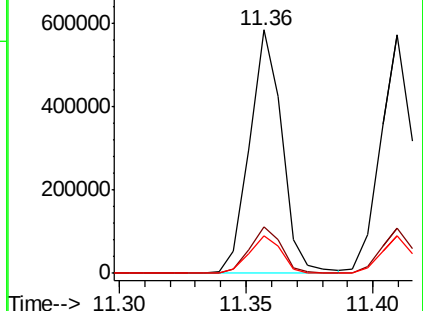
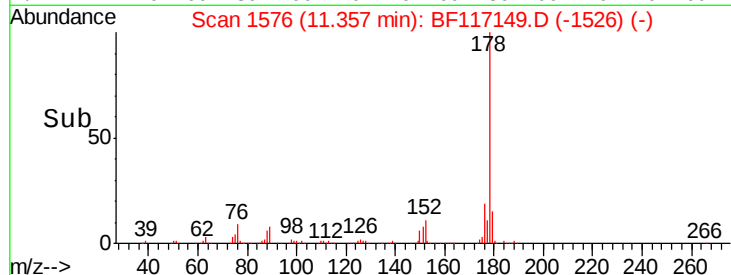
179 15.4 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.421 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

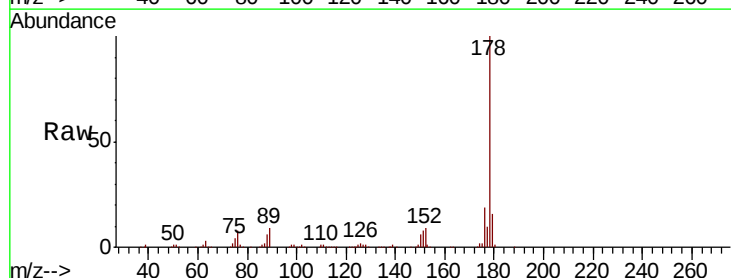
Tgt Ion:178 Resp: 536092

Ion Ratio Lower Upper

178 100

176 19.1 14.6 21.8

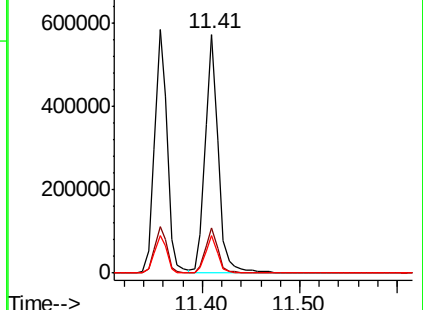
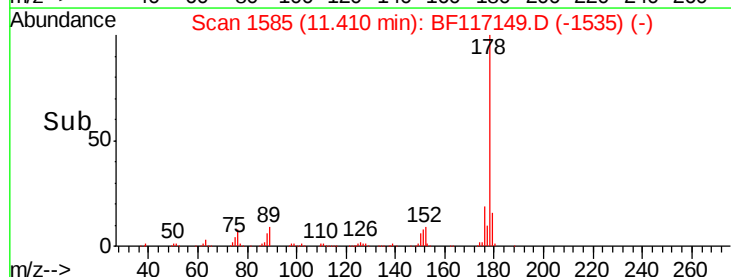
179 15.6 11.6 17.4

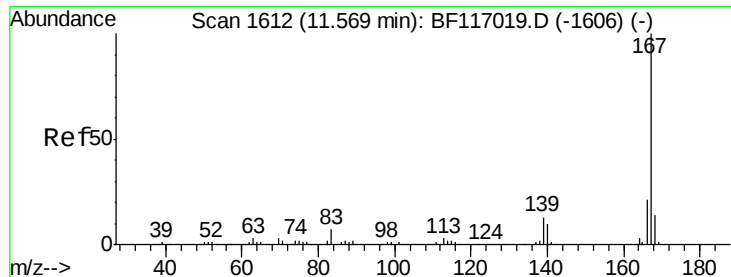


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

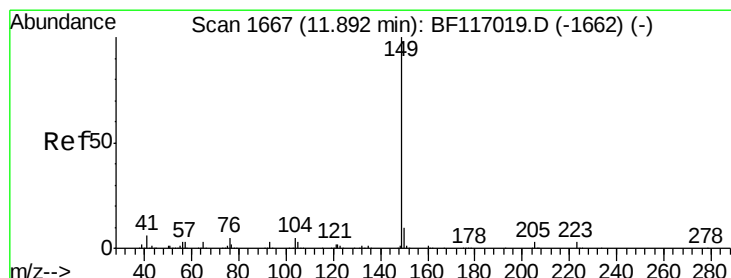
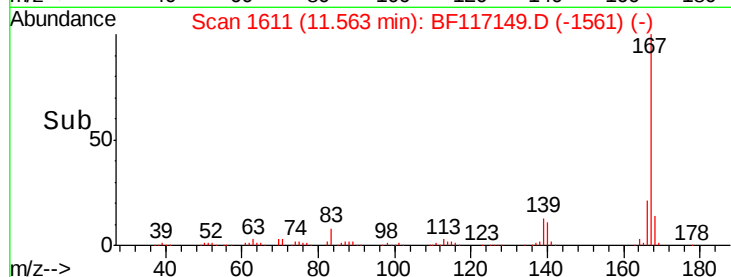
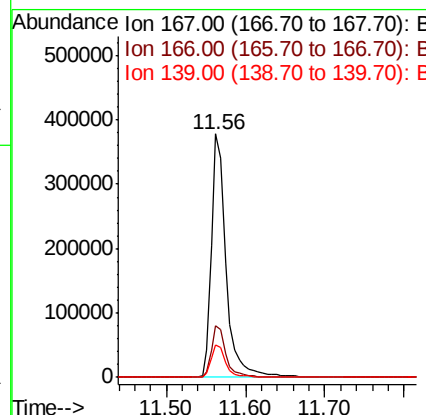
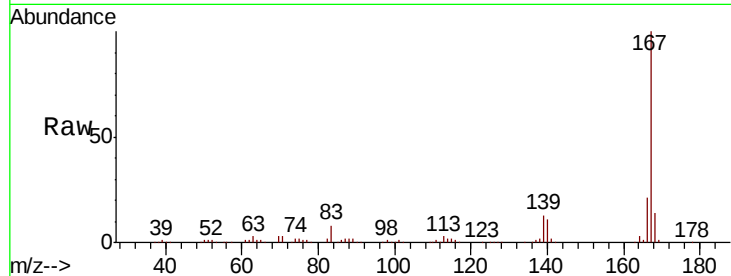




#73
 Carbazole
 Concen: 35.970 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

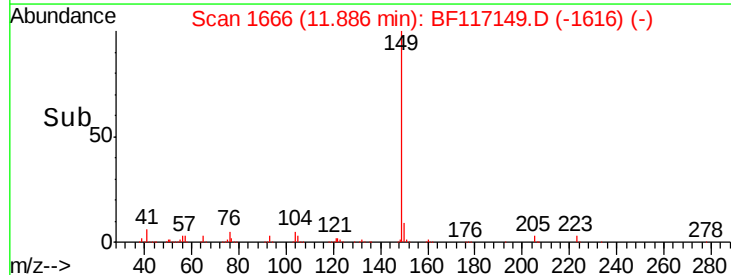
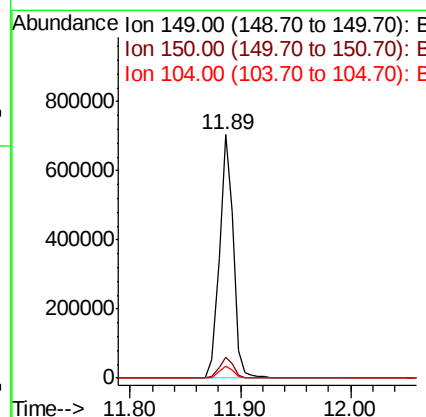
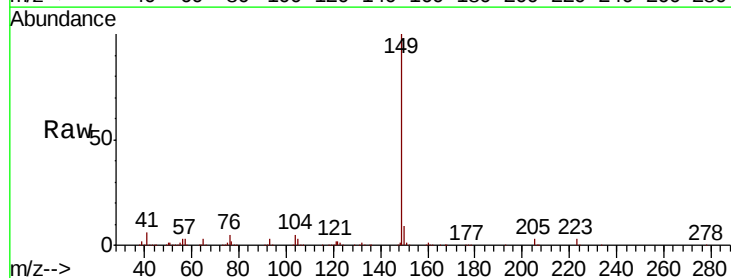
Instrument :
 BNA_F
 ClientSampleId :

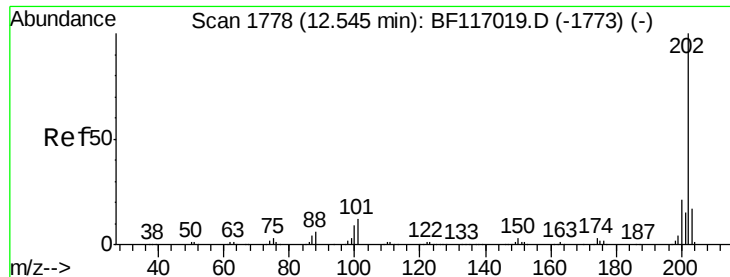
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	13.3	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 37.412 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.7	11.5
104	5.1	4.2	6.4

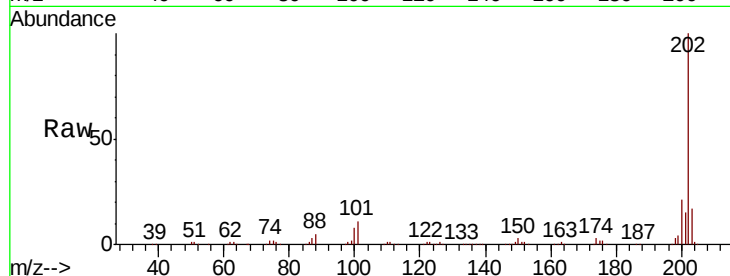




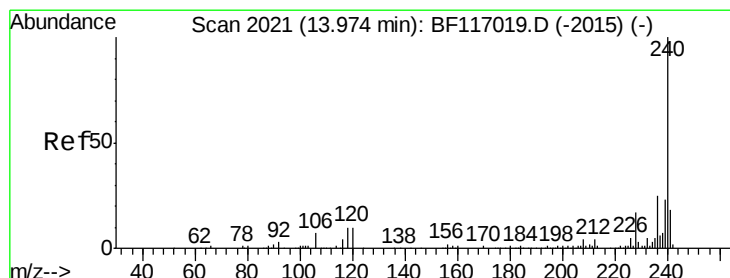
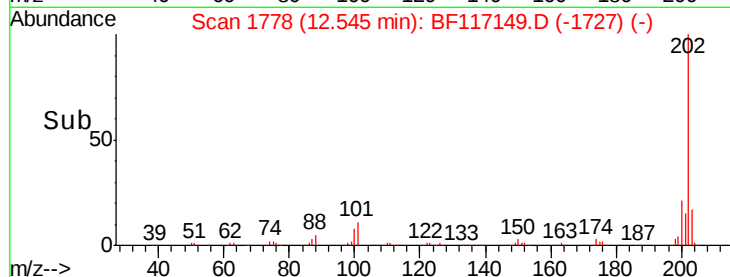
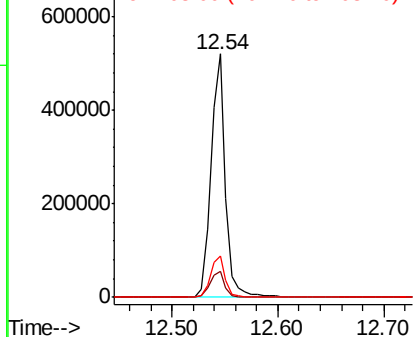
#75
 Fluoranthene
 Concen: 34.706 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	32.3
203	17.2	0.0	37.1

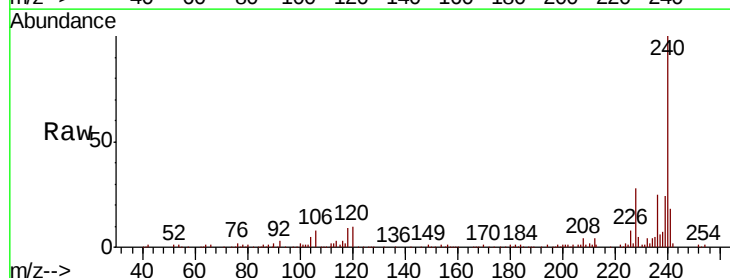


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

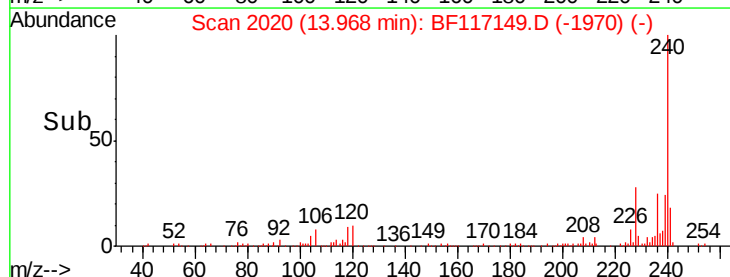
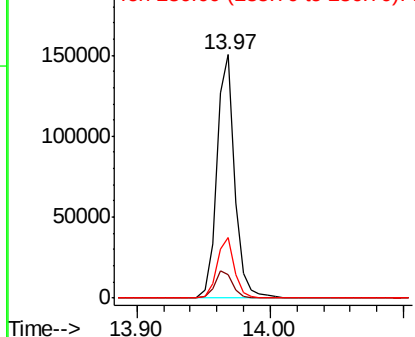


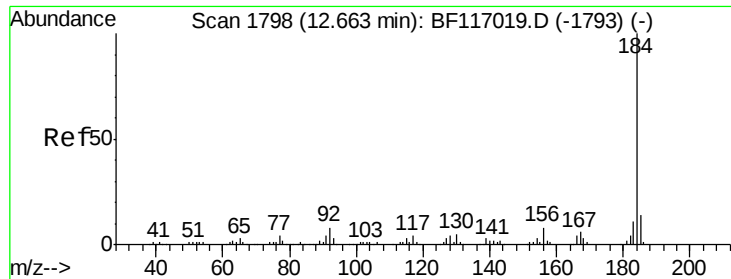
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	24.8	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: 39.301 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

Instrument :

BNA_F

ClientSampleId :

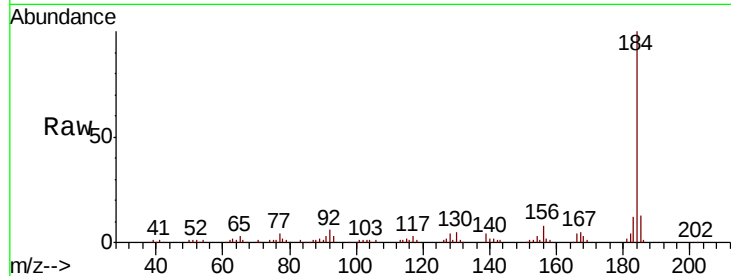
Tot Ion:184 Resp: 179491

Ion Ratio Lower Upper

184 100

185 13.5 11.6 17.4

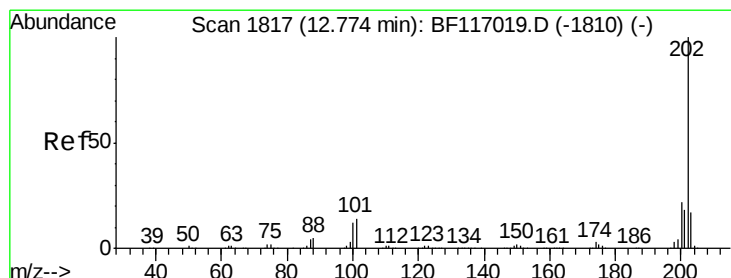
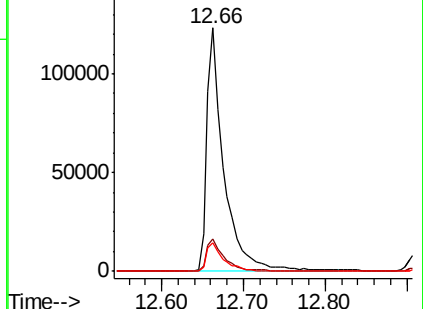
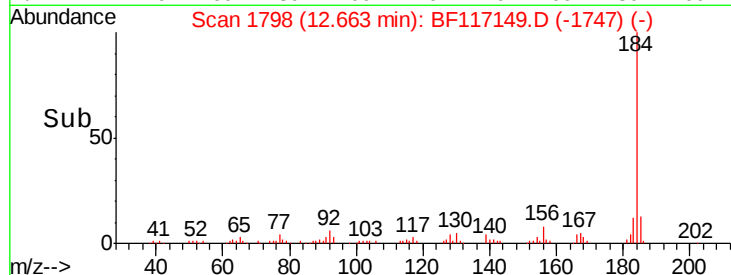
183 11.7 9.0 13.4



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: 42.168 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

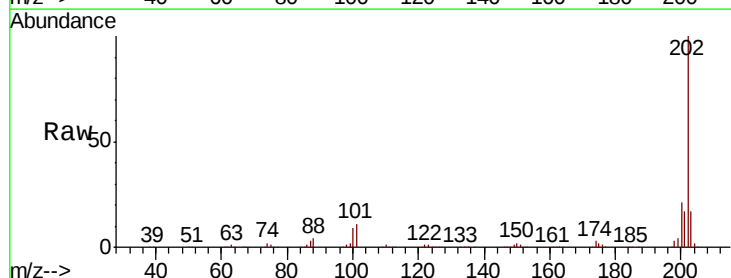
Tgt Ion:202 Resp: 501651

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

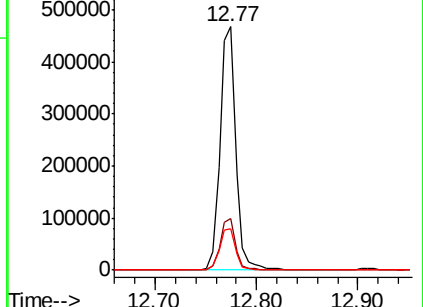
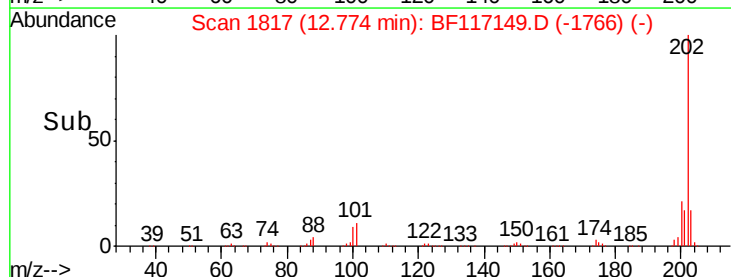
203 16.8 14.0 21.0



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: 86.996 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

Instrument :

BNA_F

ClientSampled :

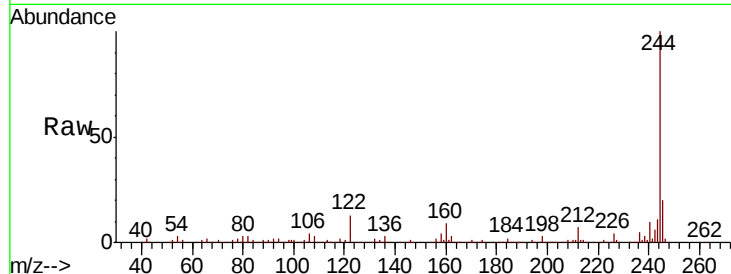
Tot Ion:244 Resp: 659868

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

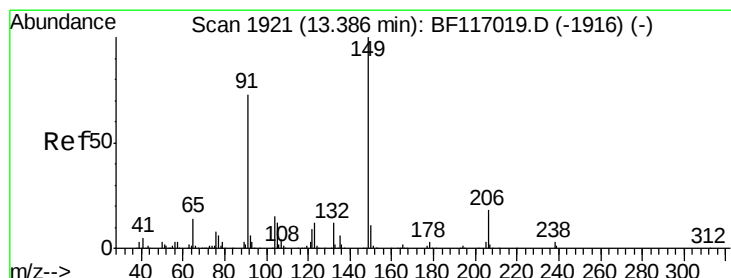
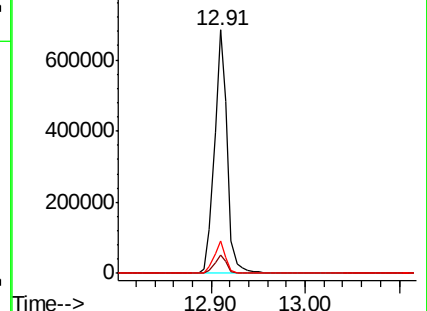
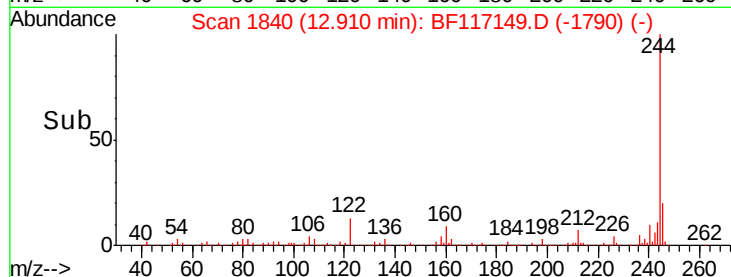
122 13.1 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.407 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

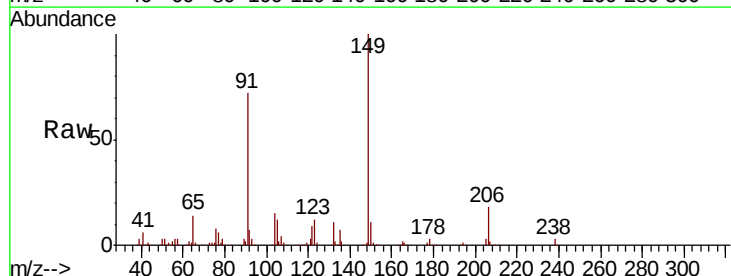
Tgt Ion:149 Resp: 221516

Ion Ratio Lower Upper

149 100

91 72.4 58.8 88.2

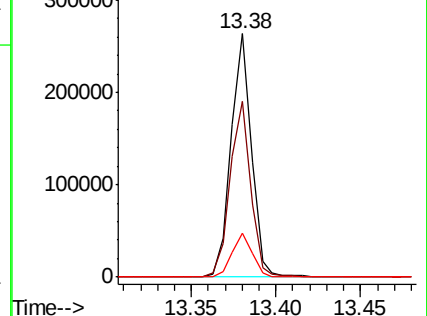
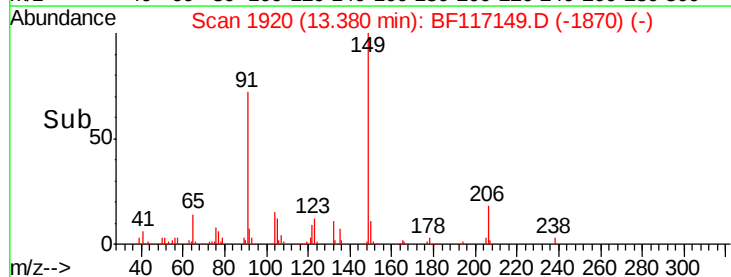
206 18.1 14.1 21.1

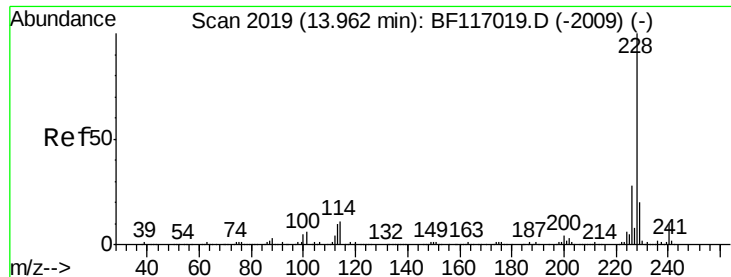


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.350 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

Instrument :

BNA_F

ClientSampleId :

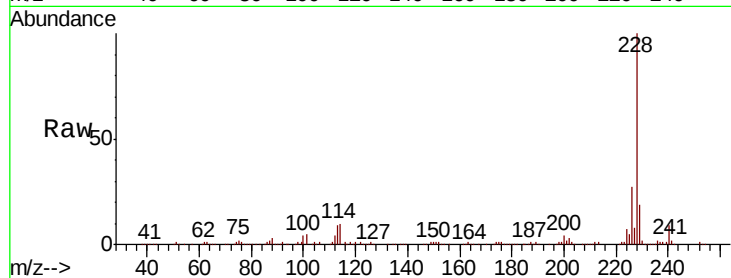
Tot Ion:228 Resp: 344324

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

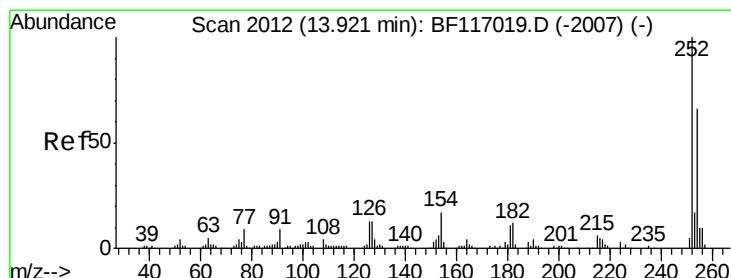
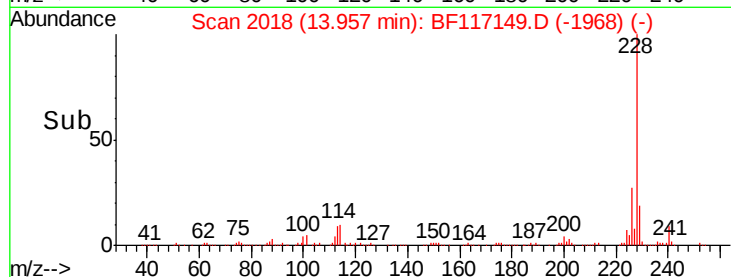
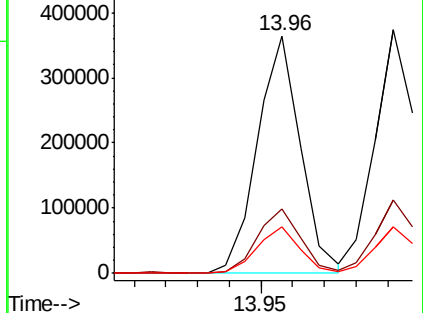
229 19.3 15.9 23.9



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: 36.222 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF117149.D

Acq: 18 Sep 2019 17:16

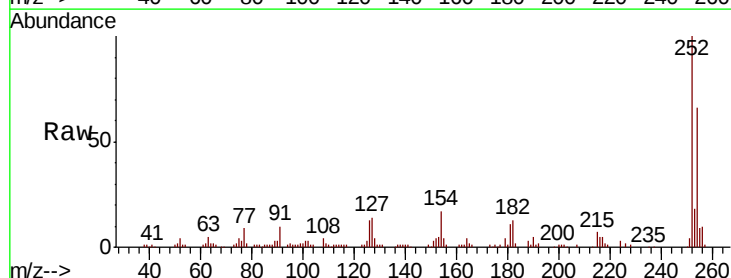
Tgt Ion:252 Resp: 110566

Ion Ratio Lower Upper

252 100

254 66.2 52.6 79.0

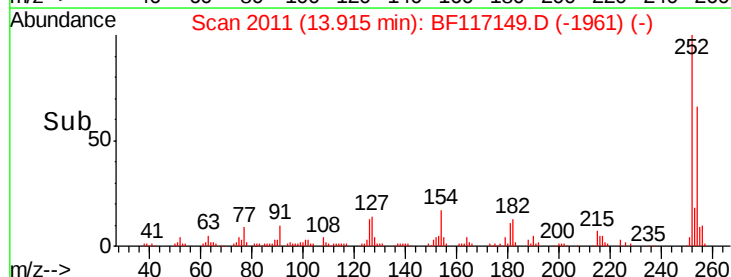
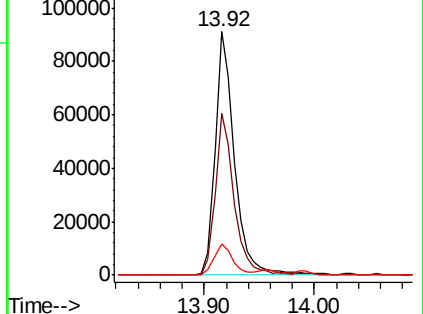
126 12.9 10.4 15.6

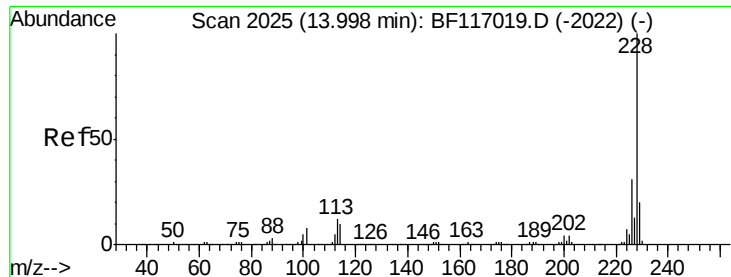


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

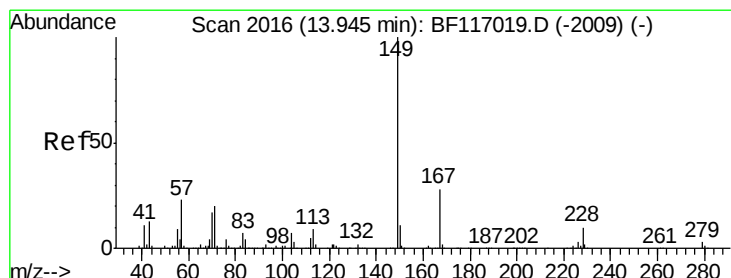
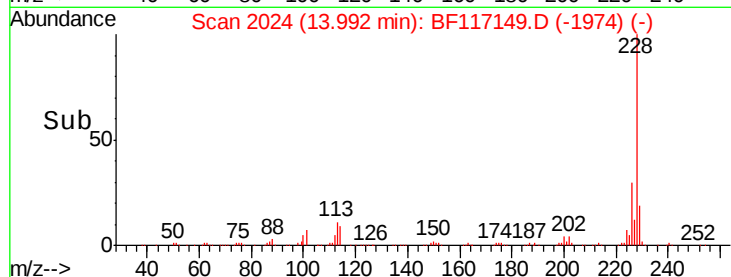
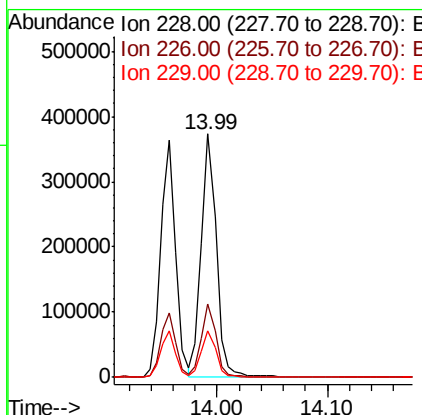
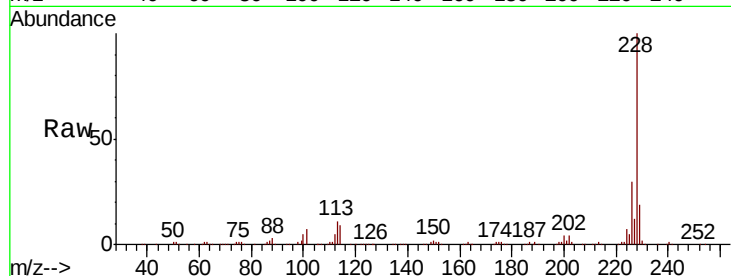




#83
 Chrvsene
 Concen: 37.470 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

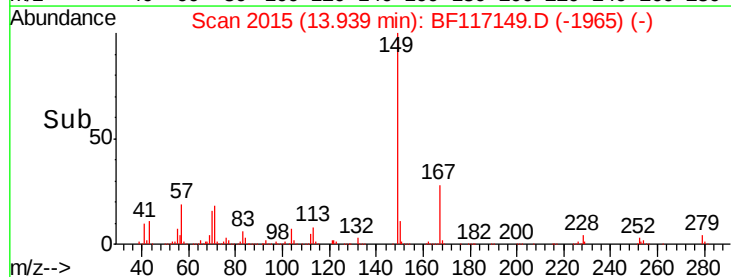
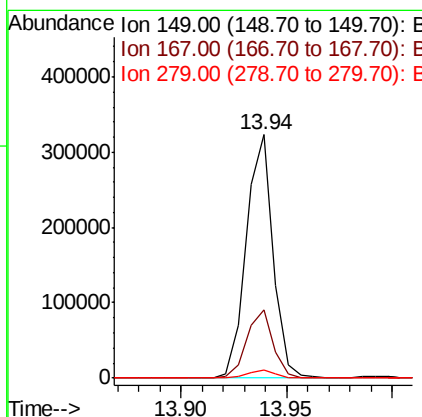
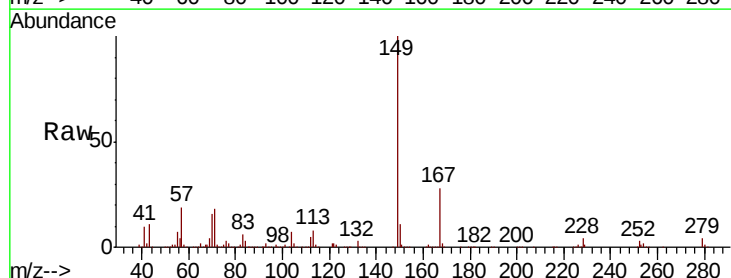
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.8	37.2
229	19.2	15.8	23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.282 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF117149.D
 Acq: 18 Sep 2019 17:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.2
279	3.6	2.8	4.2

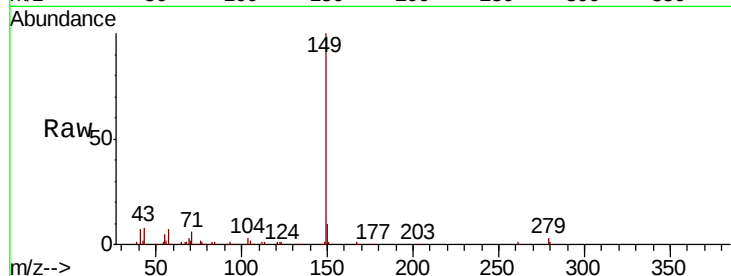




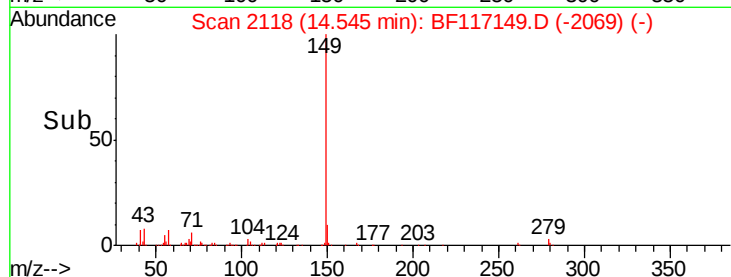
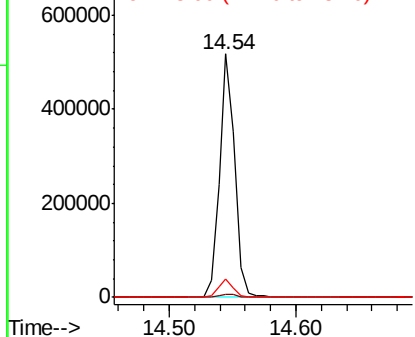
#85
Di-n-octyl phthalate
Concen: 38.094 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.5	6.2	9.4

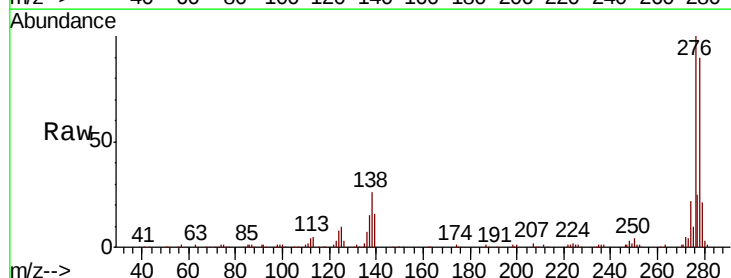


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

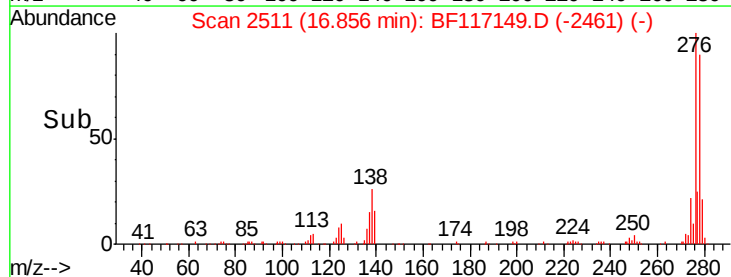
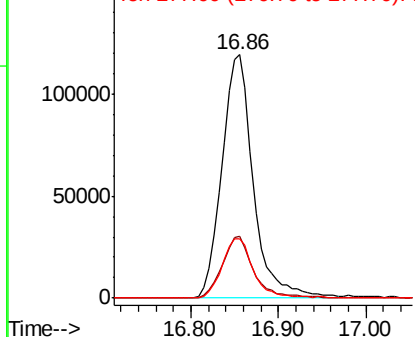


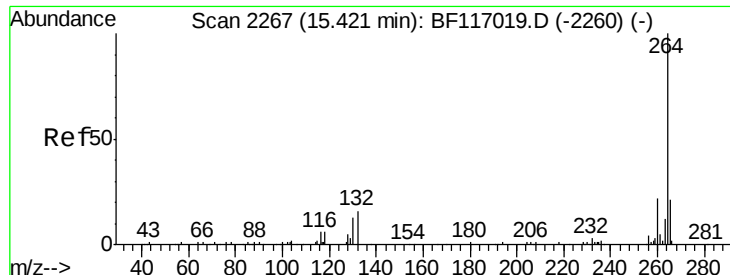
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.578 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.7	31.1
277	24.7	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

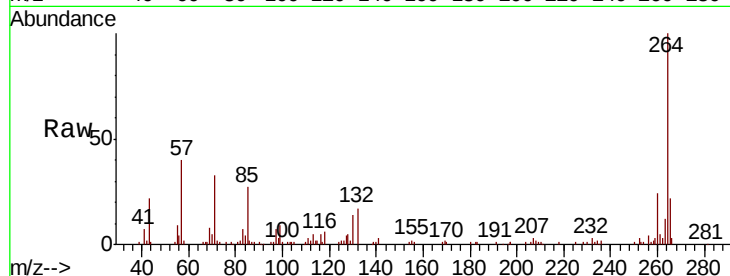




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.6	26.4
265	22.3	16.6	24.8

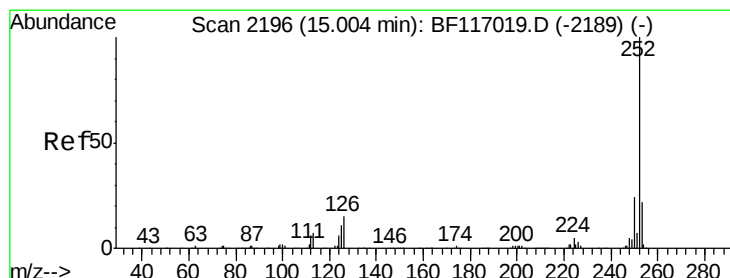
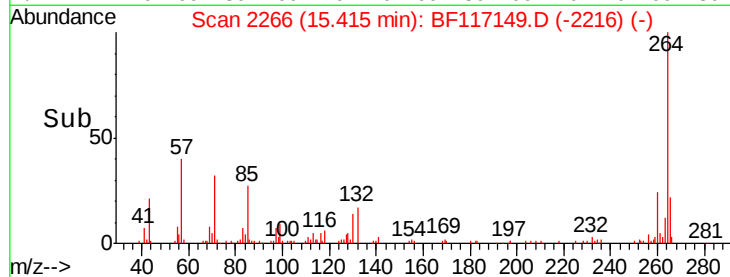
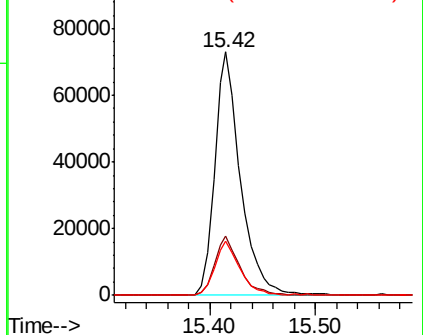


Abundance

Ion 264.00 (263.70 to 264.70): E

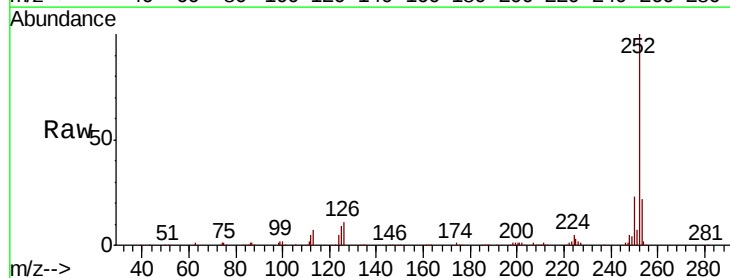
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 37.732 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	9.2	8.6	12.8

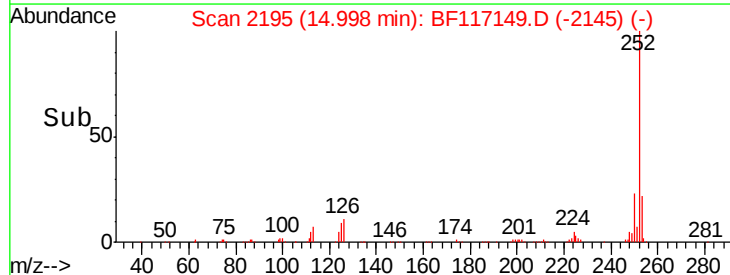
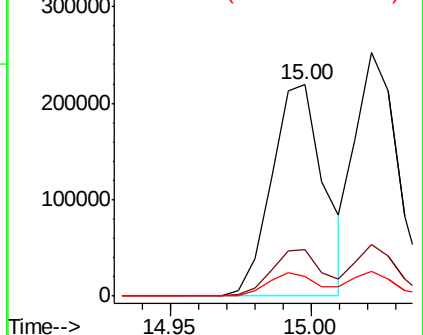


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

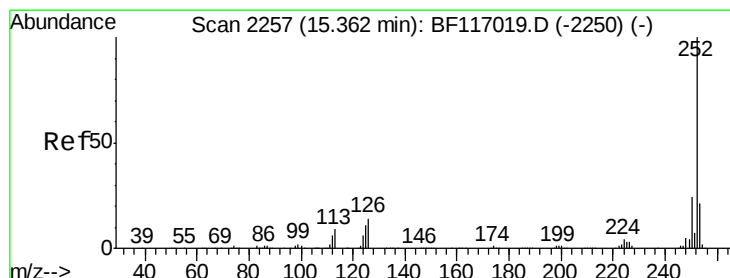
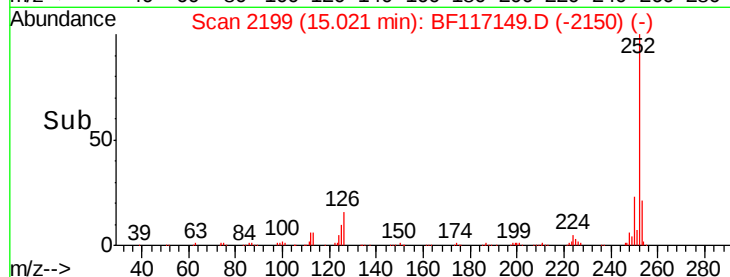
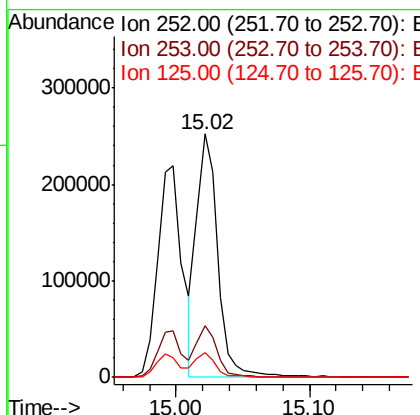
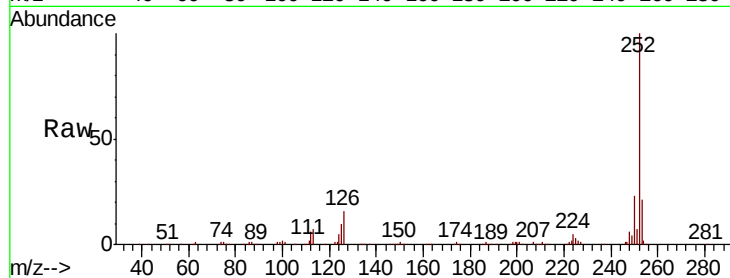




#89
Benzo(k)fluoranthene
Concen: 38.321 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

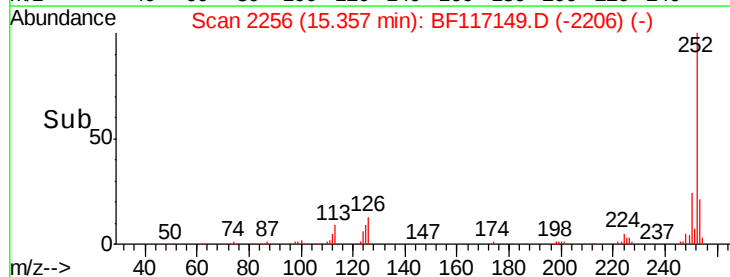
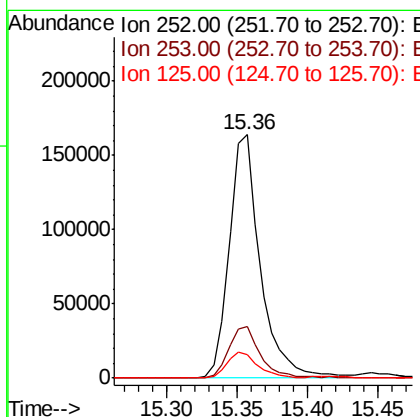
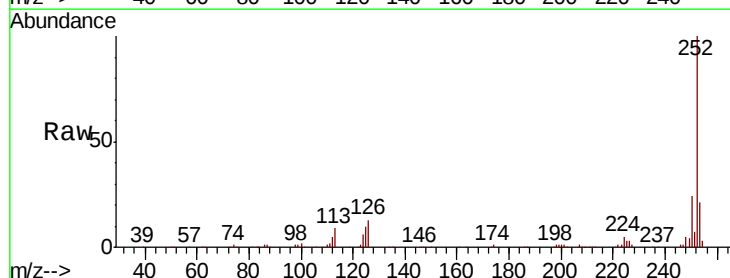
Instrument :
BNA_F
ClientSampleId :

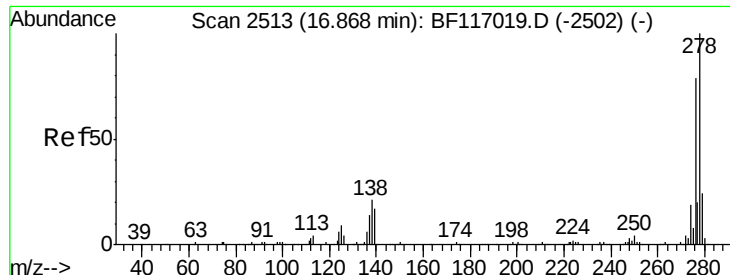
Tot Ion:252 Resp: 272216
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.2
125 10.3 8.8 13.2



#90
Benzo(a)pyrene
Concen: 38.161 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Tgt Ion:252 Resp: 251119
Ion Ratio Lower Upper
252 100
253 21.3 16.6 25.0
125 9.5 8.9 13.3

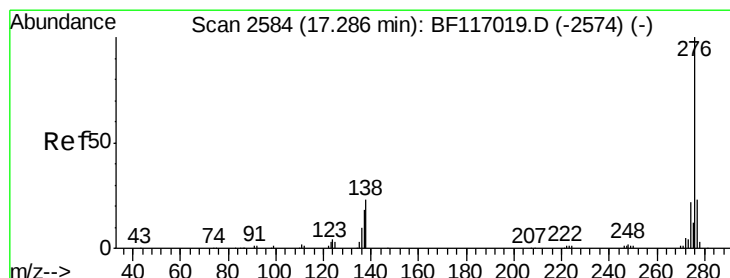
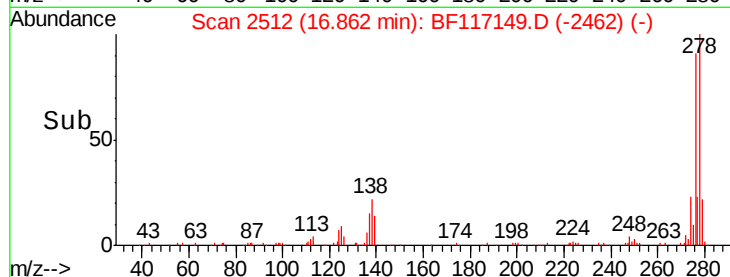
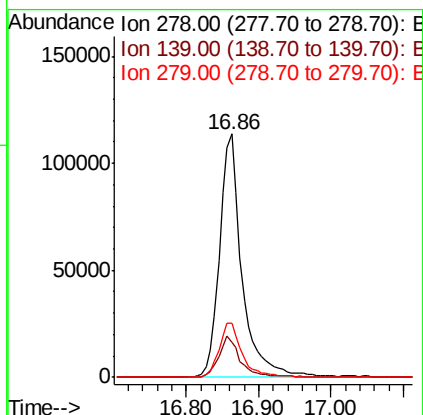
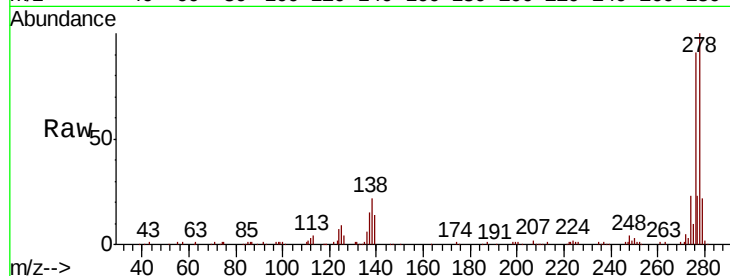




#91
Dibenzo(a,h)anthracene
Concen: 46.851 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	13.5	20.3
279	22.3	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 45.703 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF117149.D
Acq: 18 Sep 2019 17:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	21.9	18.0	27.0

