

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117126.D
 Acq On : 17 Sep 2019 23:56
 Operator : HP/JU
 Sample : K4923-06MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 03:55:10 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	67272	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	260334	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	138069	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	227954	20.00	ng	0.00
76) Chrysene-d12	13.97	240	165169	20.00	ng	0.00
87) Perylene-d12	15.41	264	154679	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	389235	90.33	ng	0.01
7) Phenol-d6	6.46	99	537142	96.46	ng	0.00
23) Nitrobenzene-d5	7.39	82	325750	65.75	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	113574	98.42	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	590621	66.89	ng	0.00
79) Terphenyl-d14	12.91	244	611806	69.24	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.60	88	65105	36.109 ng	96
3) Pyridine	3.36	79	153522	31.108 ng	96
4) n-Nitrosodimethylamine	3.30	42	62743	37.047 ng	99
6) Aniline	6.49	93	133876	18.673 ng	93
8) 2-Chlorophenol	6.61	128	191926	41.289 ng	99
9) Benzaldehyde	6.37	77	111982	40.323 ng	94
10) Phenol	6.47	94	247852	40.374 ng	95
11) bis(2-Chloroethyl)ether	6.56	93	174094	38.586 ng	99
12) 1,3-Dichlorobenzene	6.76	146	197925	37.945 ng	99
13) 1,4-Dichlorobenzene	6.84	146	206892	38.866 ng	98
14) 1,2-Dichlorobenzene	6.99	146	195609	39.469 ng	97
15) Benzyl Alcohol	6.97	79	176083	41.234 ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	167949	37.677 ng	95
17) 2-Methylphenol	7.08	107	156920	40.279 ng	93
18) Hexachloroethane	7.33	117	79247	38.698 ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	137647	40.593 ng	96
20) 3+4-Methylphenols	7.23	107	198848	40.977 ng	94
22) Acetophenone	7.23	105	286073	43.251 ng	97
24) Nitrobenzene	7.40	77	213828	43.701 ng	97
25) Isophorone	7.65	82	378734	43.172 ng	99
26) 2-Nitrophenol	7.72	139	98121	46.686 ng	99
27) 2,4-Dimethylphenol	7.76	122	165339	49.608 ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	229933	42.541 ng	100
29) 2,4-Dichlorophenol	7.96	162	154451	44.227 ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	157245	41.677 ng	99
31) Naphthalene	8.12	128	561613	44.856 ng	99
32) Benzoic acid	7.87	122	48576	23.244 ng	91
33) 4-Chloroaniline	8.17	127	45940	8.273 ng	99
34) Hexachlorobutadiene	8.24	225	89601	41.858 ng	98
35) Caprolactam	8.54	113	35016	29.623 ng	99
36) 4-Chloro-3-methylphenol	8.66	107	186231	45.734 ng	98
37) 2-Methylnaphthalene	8.82	142	375688	44.559 ng	98
38) 1-Methylnaphthalene	8.91	142	360023	45.593 ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	148478	41.645 ng	99

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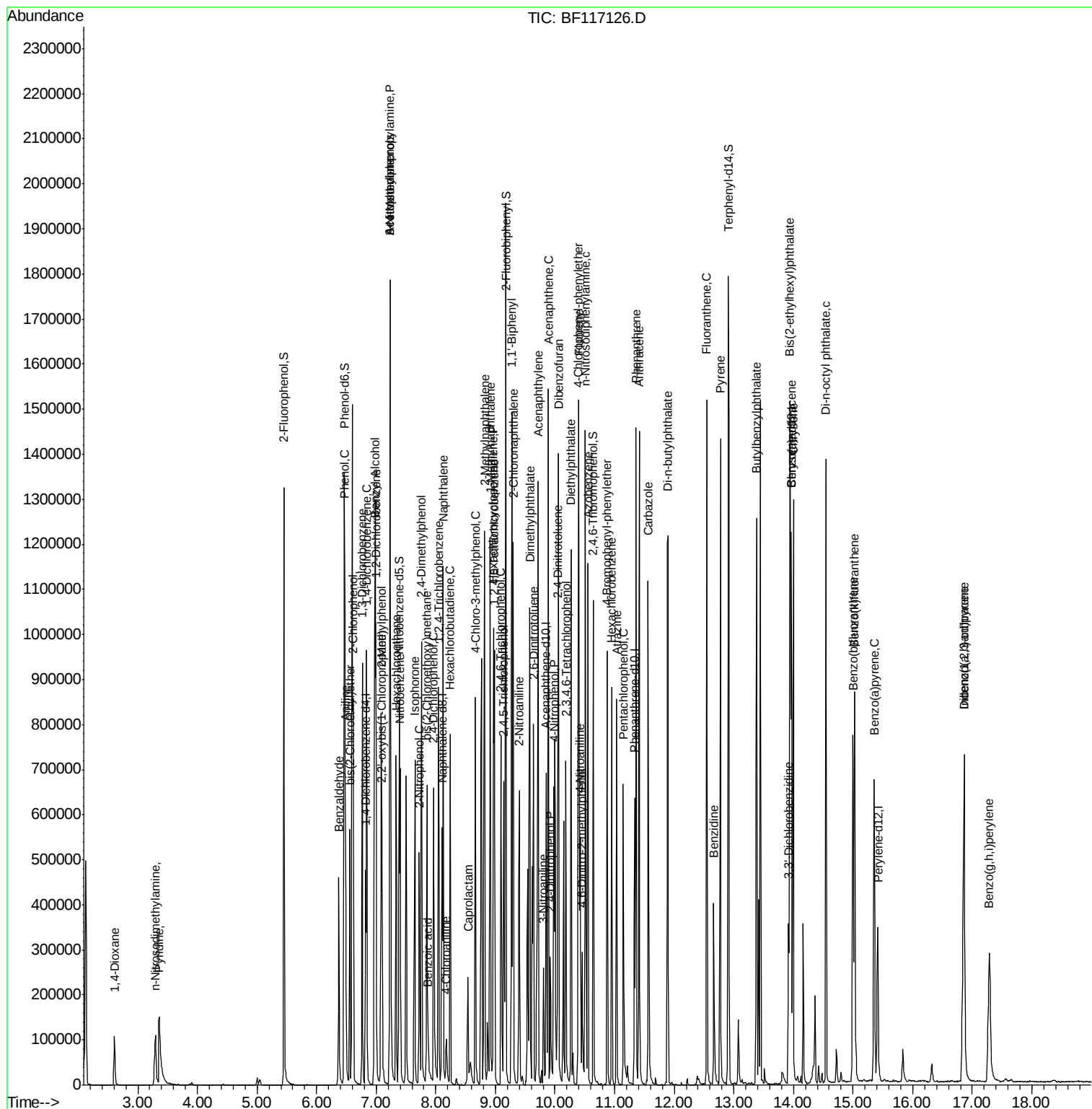
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	123288	78.404	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	99976	41.321	ng	98
44) 2,4,5-Trichlorophenol	9.14	196	108286	41.889	ng	99
46) 1,1'-Biphenyl	9.27	154	448484	41.411	ng	98
47) 2-Chloronaphthalene	9.30	162	346682	40.560	ng	98
48) 2-Nitroaniline	9.40	65	114223	41.664	ng	96
49) Acenaphthylene	9.72	152	554993	43.344	ng	100
50) Dimethylphthalate	9.57	163	522455	53.443	ng	99
51) 2,6-Dinitrotoluene	9.64	165	91972	46.193	ng	99
52) Acenaphthene	9.89	154	316554	41.706	ng	99
53) 3-Nitroaniline	9.81	138	47026	18.720	ng	88
54) 2,4-Dinitrophenol	9.92	184	47895	58.493	ng	94
55) Dibenzofuran	10.06	168	491575	43.895	ng	97
56) 4-Nitrophenol	9.98	139	123401	75.793	ng	97
57) 2,4-Dinitrotoluene	10.05	165	123915	47.945	ng	98
58) Fluorene	10.40	166	397041	44.013	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	84094	42.510	ng	98
60) Diethylphthalate	10.27	149	418690	43.533	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	169416	43.406	ng	95
62) 4-Nitroaniline	10.42	138	107259	41.056	ng	97
63) Azobenzene	10.55	77	426577	43.426	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	41520	41.129	ng	98
66) n-Nitrosodiphenylamine	10.51	169	353704	44.929	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	99019	42.535	ng	93
68) Hexachlorobenzene	10.95	284	105182	41.309	ng	94
69) Atrazine	11.03	200	98352	52.515	ng	98
70) Pentachlorophenol	11.15	266	85862	71.939	ng	99
71) Phenanthrene	11.36	178	570923	44.095	ng	99
72) Anthracene	11.41	178	604227	45.710	ng	99
73) Carbazole	11.56	167	564597	44.998	ng	100
74) Di-n-butylphthalate	11.89	149	682243	45.701	ng	99
75) Fluoranthene	12.55	202	586740	44.103	ng	99
77) Benzidine	12.66	184	190541	35.812	ng	98
78) Pyrene	12.77	202	605120	43.663	ng	100
80) Butylbenzylphthalate	13.38	149	289021	44.135	ng	98
81) Benzo(a)anthracene	13.96	228	474713	43.018	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	77877	21.900	ng	95
83) Chrysene	14.00	228	458405	42.592	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	395026	46.785	ng	98
85) Di-n-octyl phthalate	14.54	149	649234	48.854	ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	383457	48.835	ng	99
88) Benzo(b)fluoranthene	15.00	252	390389	41.666	ng	98
89) Benzo(k)fluoranthene	15.03	252	376313	42.399	ng	98
90) Benzo(a)pyrene	15.36	252	367236	44.666	ng	98
91) Dibenzo(a,h)anthracene	16.86	278	319998	48.856	ng	99
92) Benzo(g,h,i)perylene	17.29	276	314407	48.171	ng	99

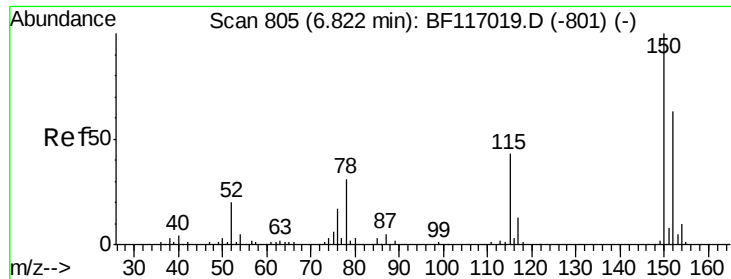
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampleId :

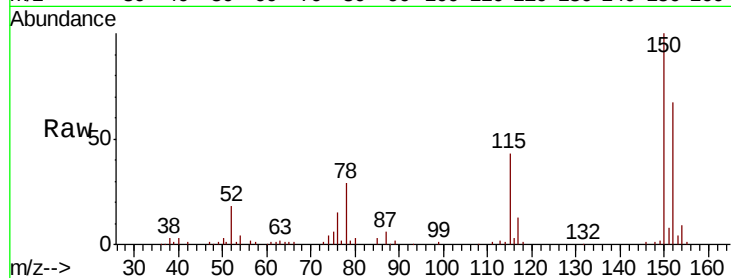
Tot Ion:152 Resp: 67272

Ion Ratio Lower Upper

152 100

150 149.4 127.5 191.3

115 63.8 55.0 82.4

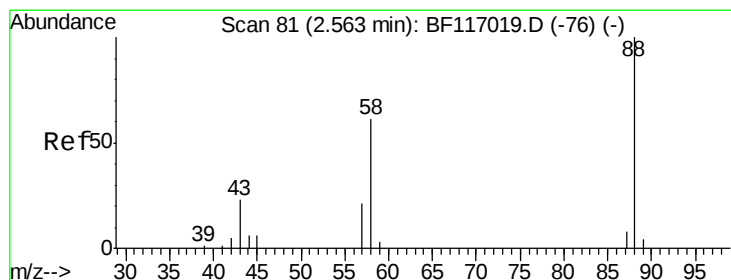
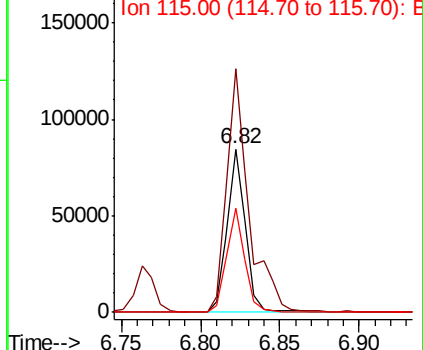
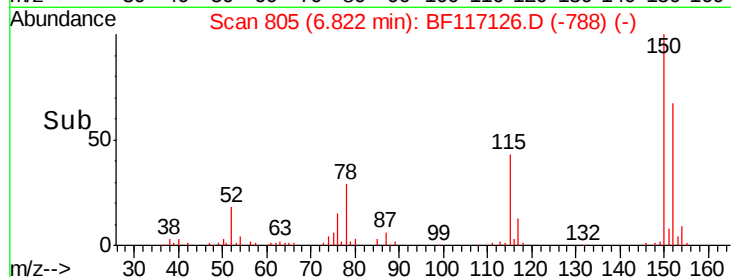


Abundance

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: 36.109 ng

RT: 2.60 min Scan# 88

Delta R.T. 0.04 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

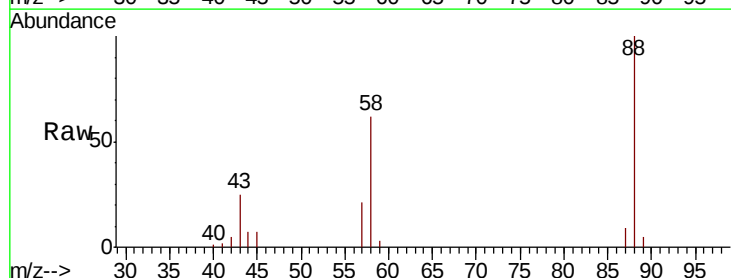
Tgt Ion: 88 Resp: 65105

Ion Ratio Lower Upper

88 100

58 60.1 49.3 73.9

43 27.5 18.8 28.2

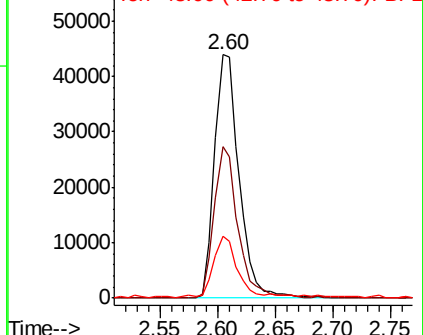
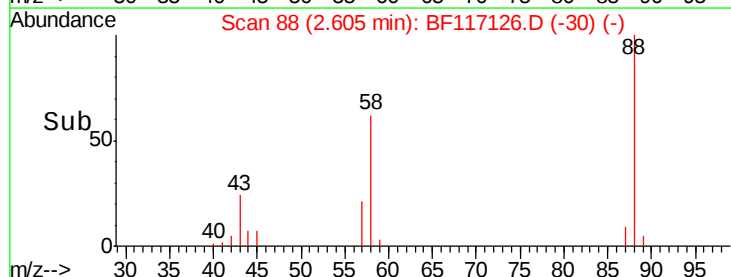


Abundance

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: 31.108 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.05 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampleId :

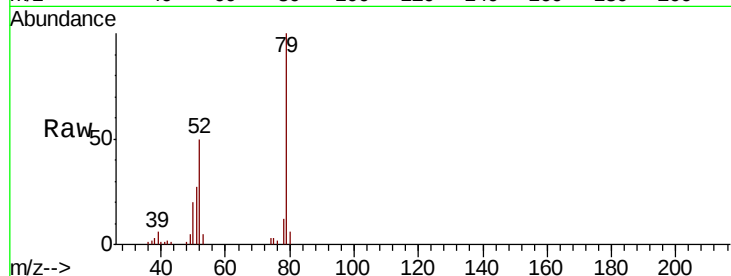
Tot Ion: 79 Resp: 153522

Ion Ratio Lower Upper

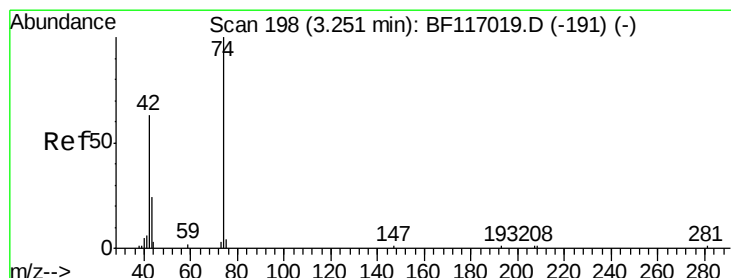
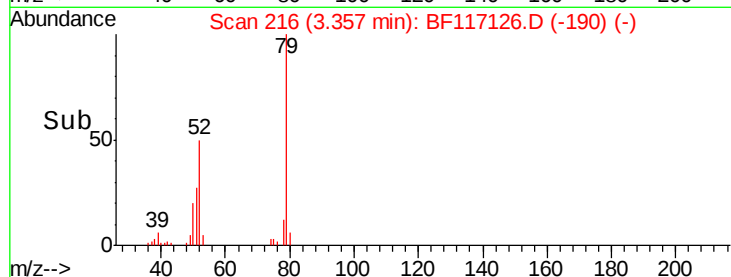
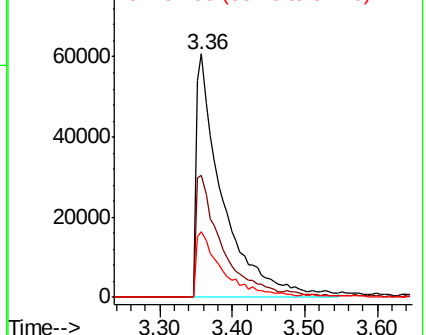
79 100

52 50.2 43.5 65.3

51 27.1 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: 37.047 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.05 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

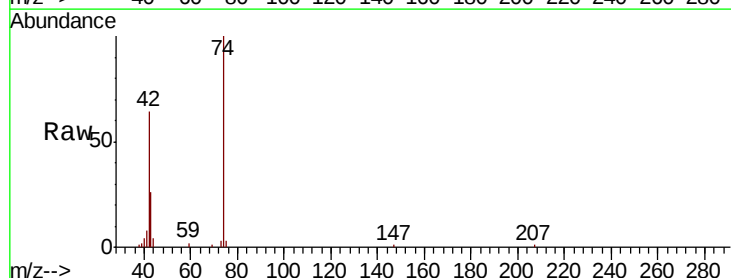
Tgt Ion: 42 Resp: 62743

Ion Ratio Lower Upper

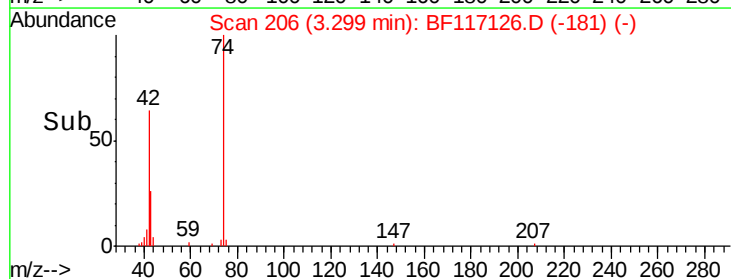
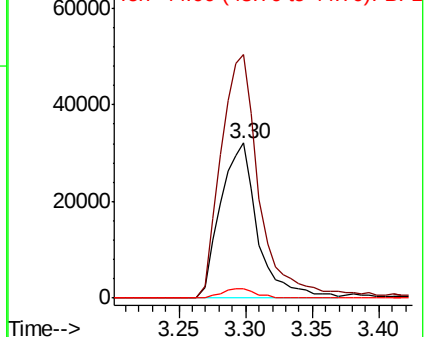
42 100

74 157.0 127.1 190.7

44 5.8 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: 90.334 ng

RT: 5.45 min Scan# 572

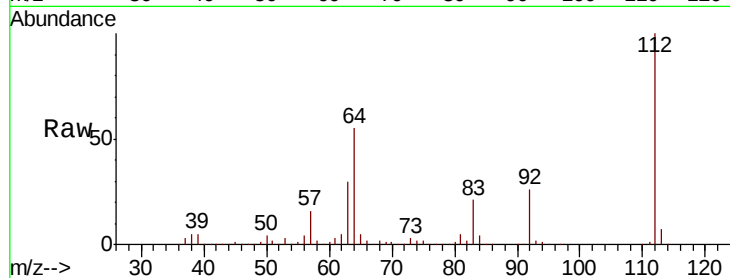
Delta R.T. 0.01 min

Lab File: BF117126.D

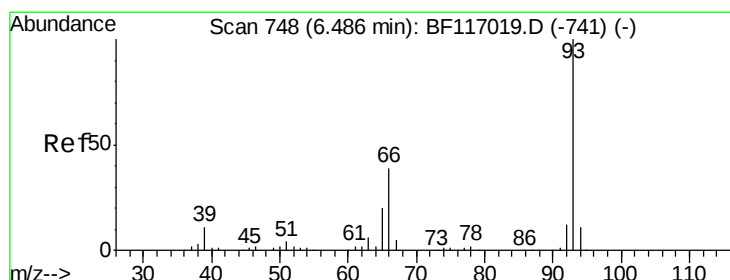
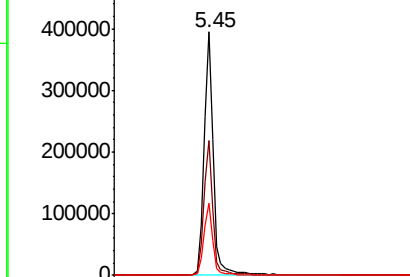
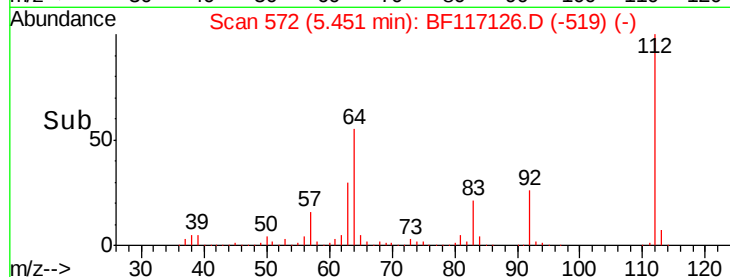
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	389235
Ion	Ratio	Lower	Upper
112	100		
64	55.4	45.7	68.5
63	29.8	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: 18.673 ng

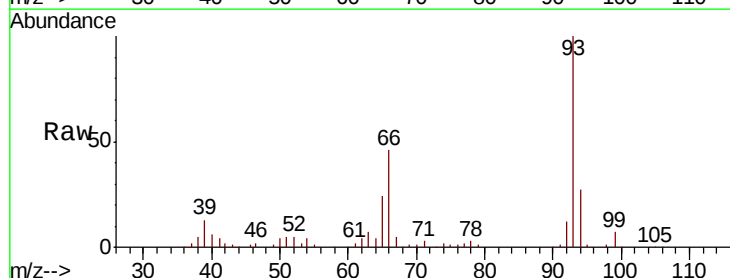
RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

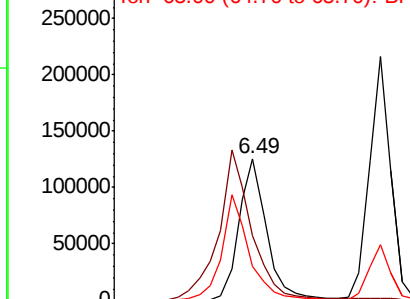
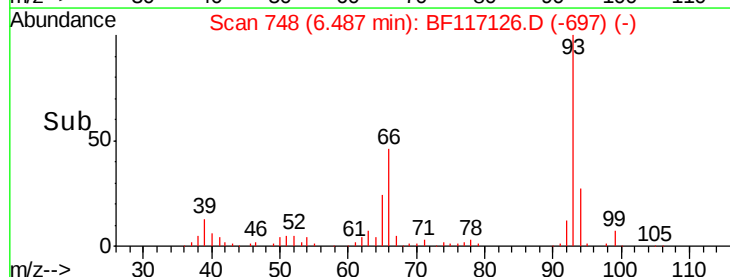
Lab File: BF117126.D

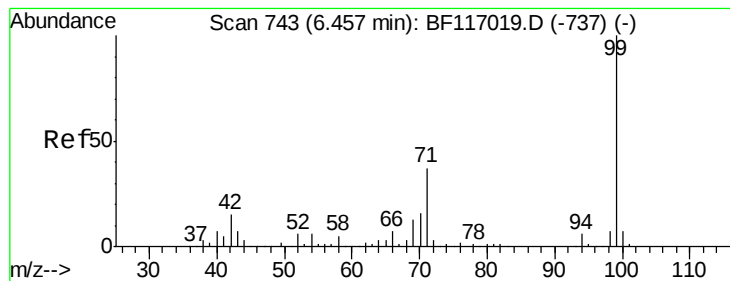
Acq: 17 Sep 2019 23:56

Tgt Ion:	93	Resp:	133876
Ion	Ratio	Lower	Upper
93	100		
66	45.8	32.6	49.0
65	23.6	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: 96.459 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampleId :

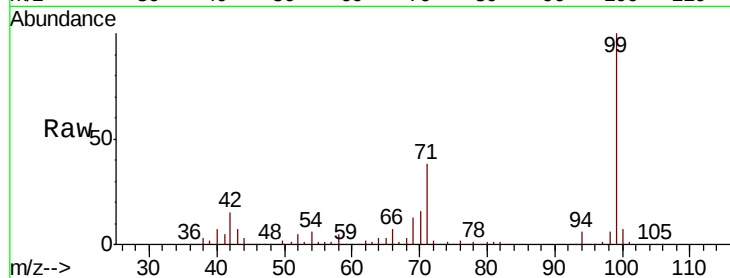
Tot Ion: 99 Resp: 537142

Ion Ratio Lower Upper

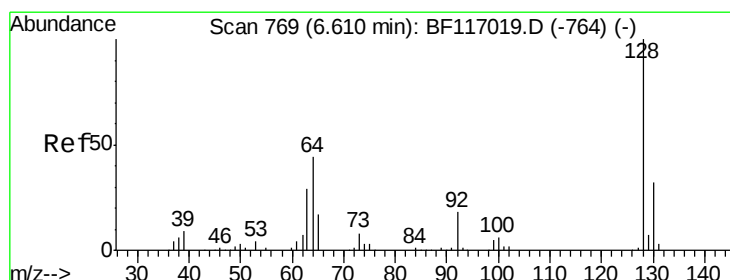
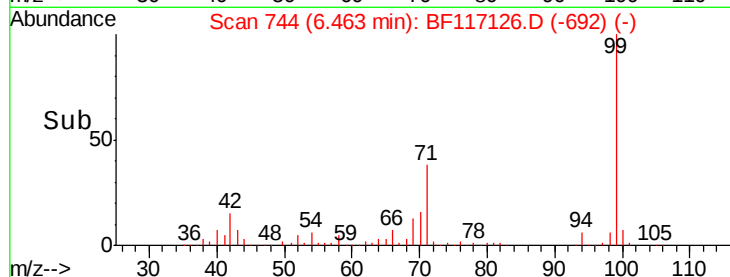
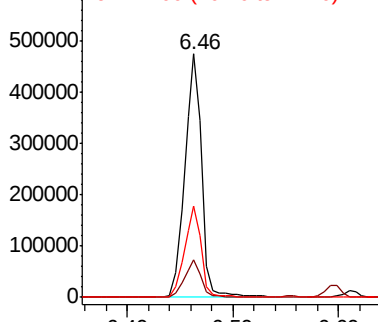
99 100

42 15.4 12.2 18.2

71 37.8 29.8 44.8



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



#8

2-Chlorophenol

Concen: 41.289 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

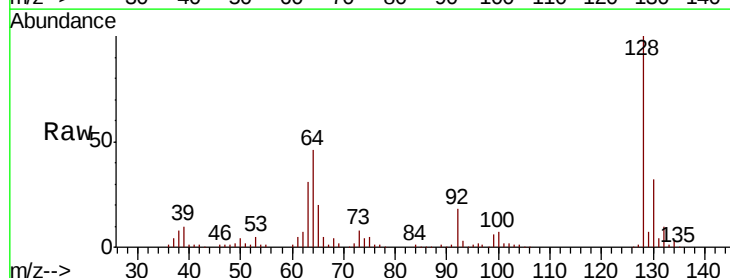
Tgt Ion: 128 Resp: 191926

Ion Ratio Lower Upper

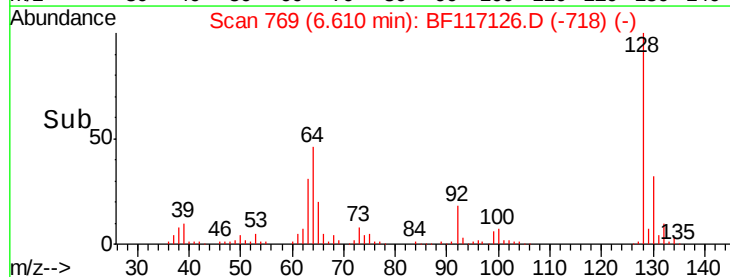
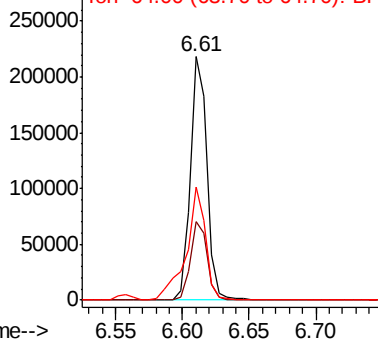
128 100

130 32.0 11.8 51.8

64 46.2 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: 40.323 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampled :

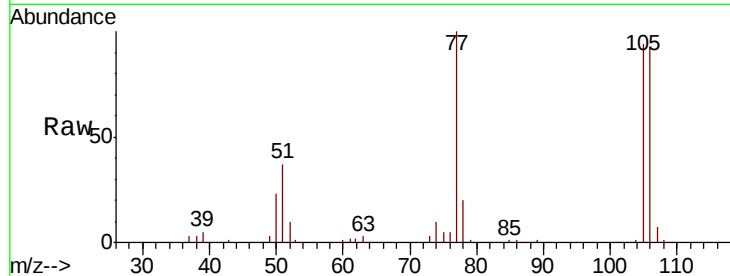
Tot Ion: 77 Resp: 111982

Ion Ratio Lower Upper

77 100

105 94.2 81.8 121.8

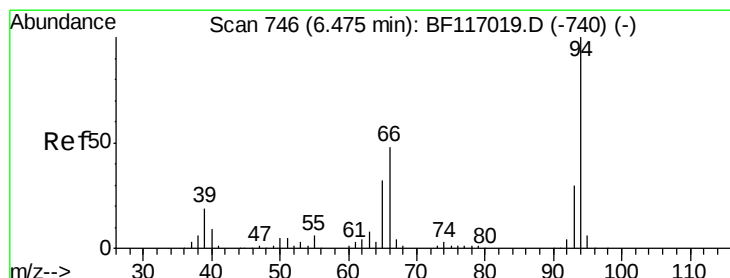
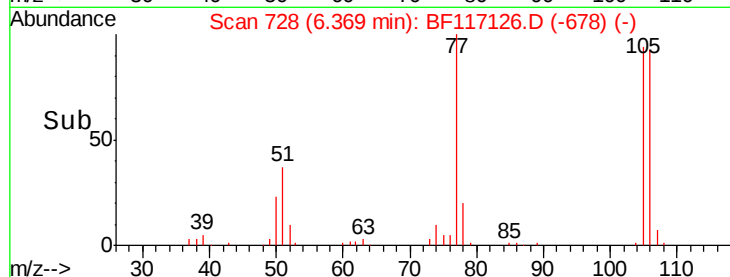
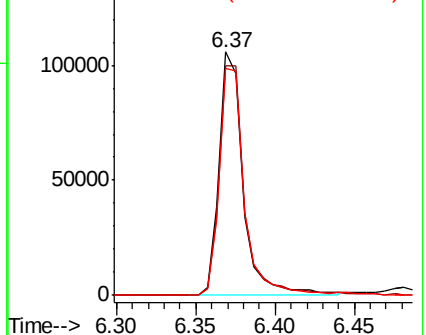
106 93.3 77.3 117.3



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: 40.374 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

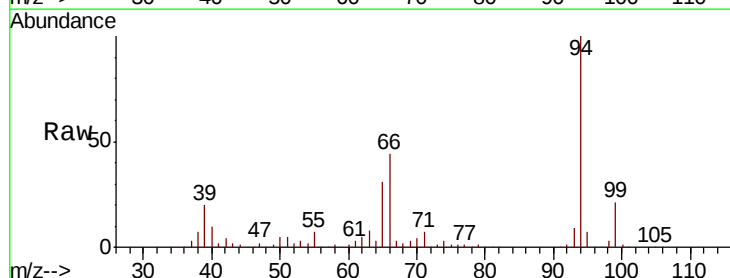
Tgt Ion: 94 Resp: 247852

Ion Ratio Lower Upper

94 100

65 31.0 12.5 52.5

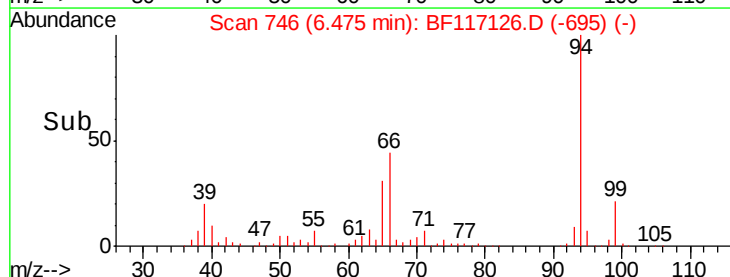
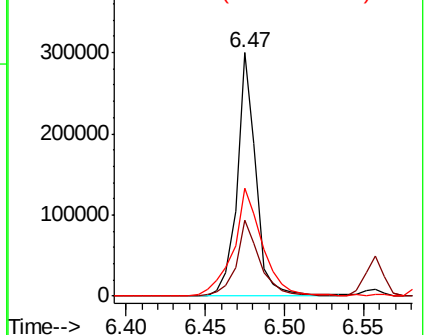
66 44.4 28.9 68.9



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: 38.586 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampled :

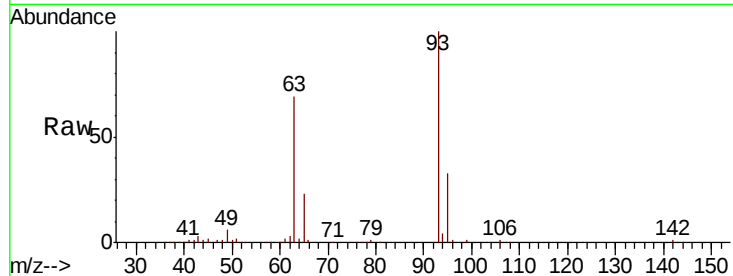
Tot Ion: 93 Resp: 174094

Ion Ratio Lower Upper

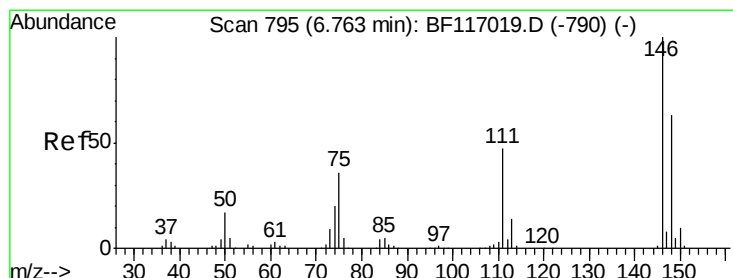
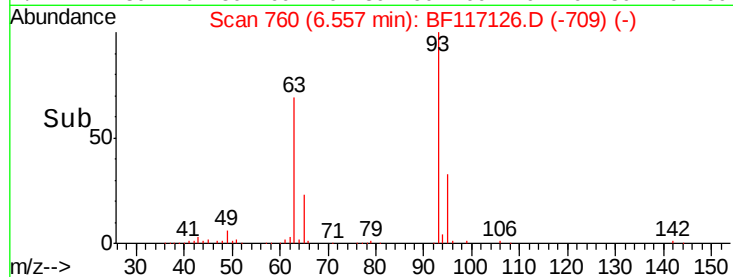
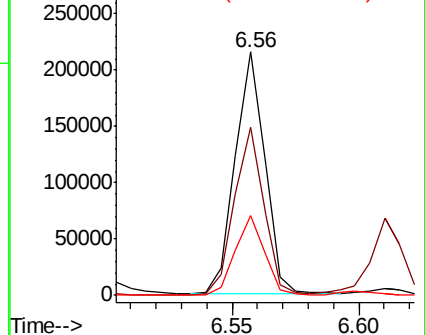
93 100

63 69.2 49.3 89.3

95 32.6 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.945 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

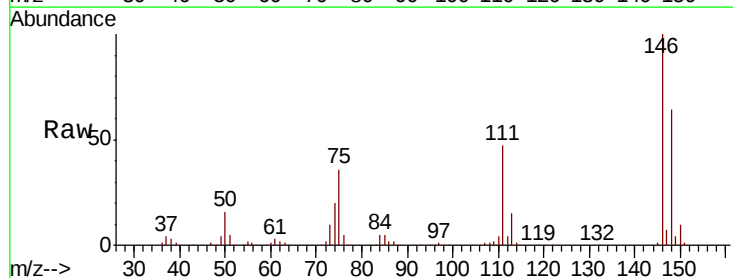
Tgt Ion: 146 Resp: 197925

Ion Ratio Lower Upper

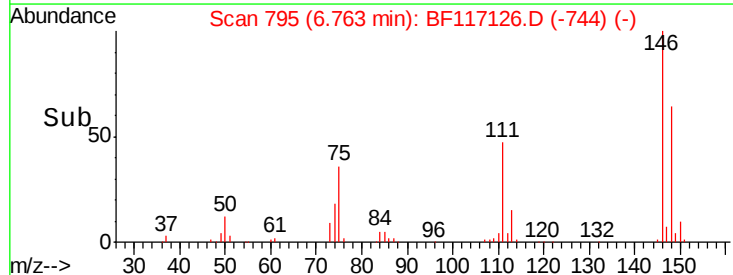
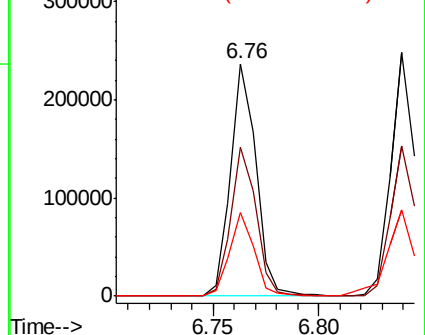
146 100

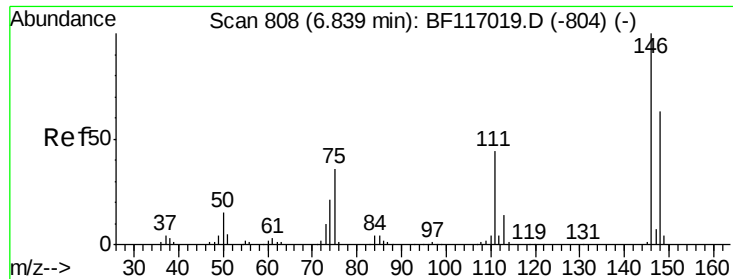
148 64.1 50.8 76.2

75 36.2 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

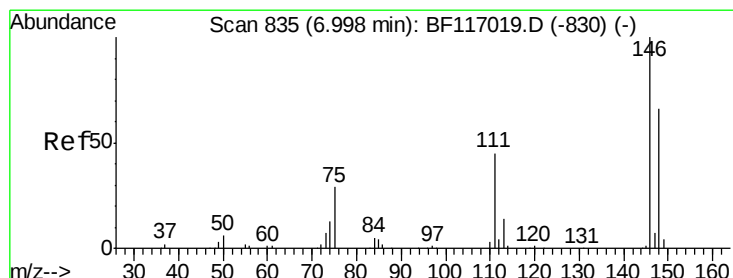
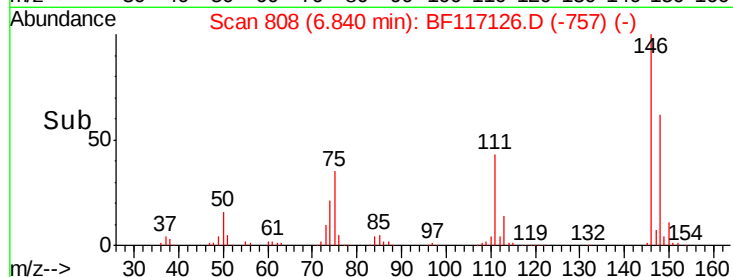
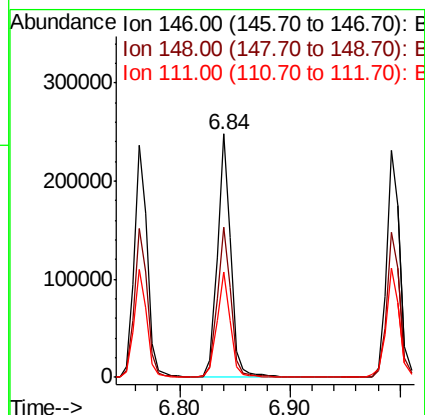
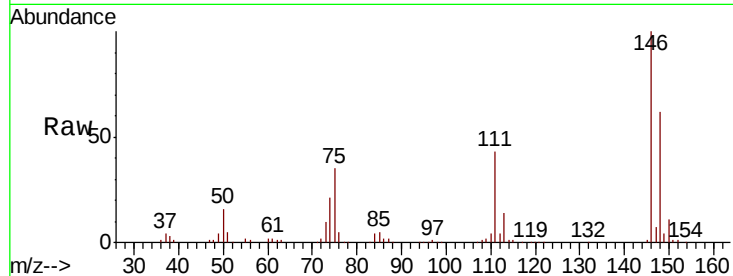




#13
 1,4-Dichlorobenzene
 Concen: 38.866 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

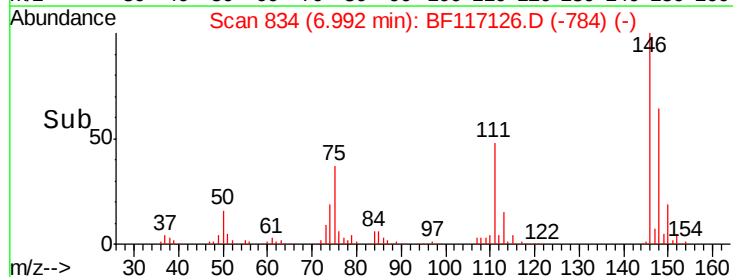
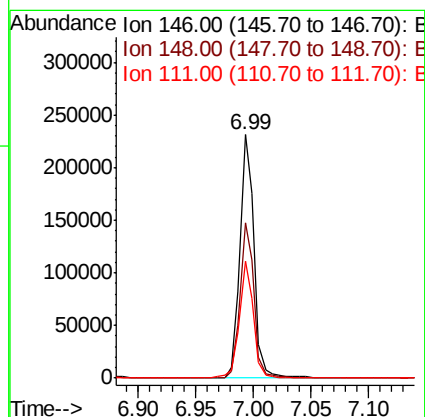
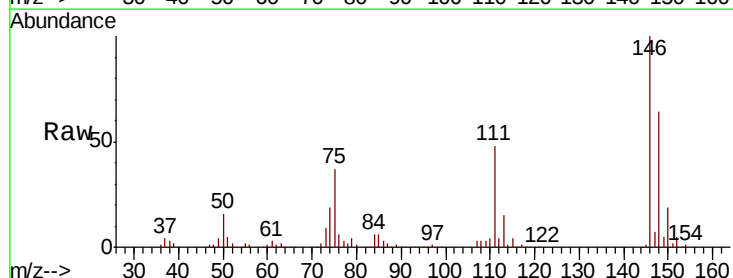
Instrument :
 BNA_F
 ClientSampleId :

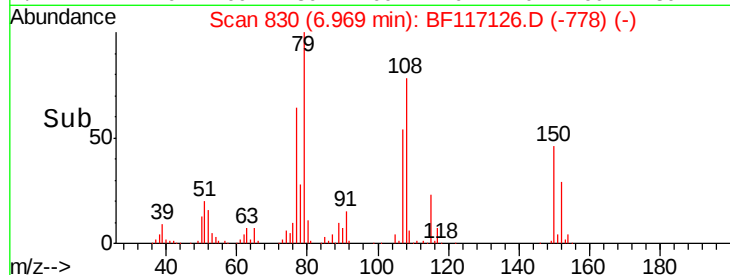
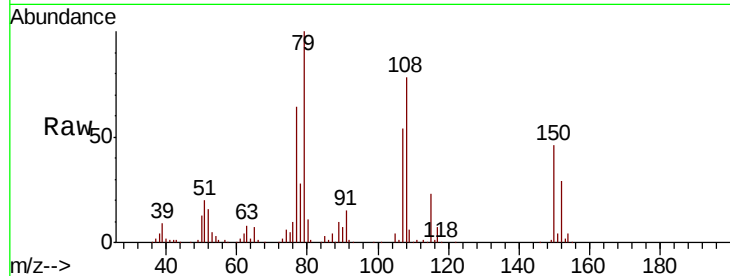
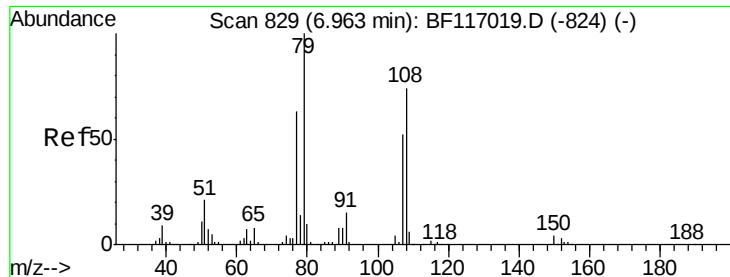
Tot Ion:146 Resp: 206892
 Ion Ratio Lower Upper
 146 100
 148 61.7 50.6 76.0
 111 43.2 35.0 52.6



#14
 1,2-Dichlorobenzene
 Concen: 39.469 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion:146 Resp: 195609
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.6 78.8
 111 47.9 36.2 54.2





#15

Benzyl Alcohol

Concen: 41.234 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampleId :

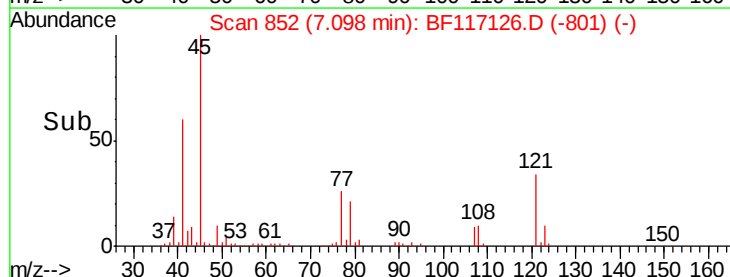
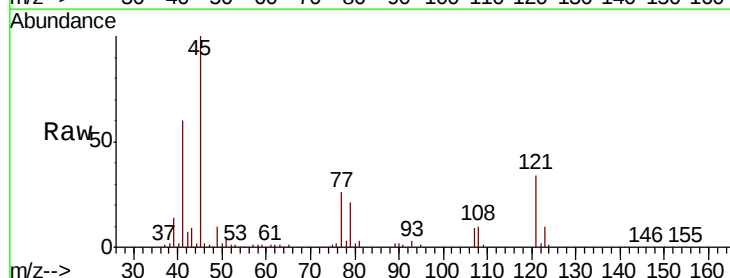
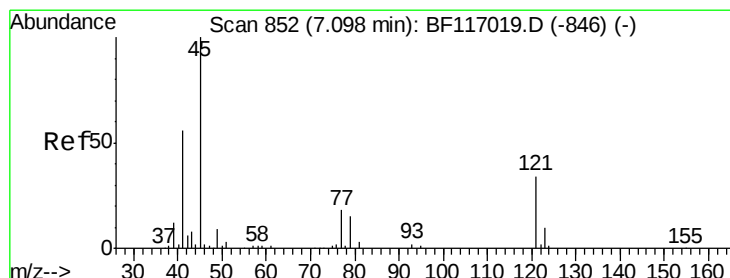
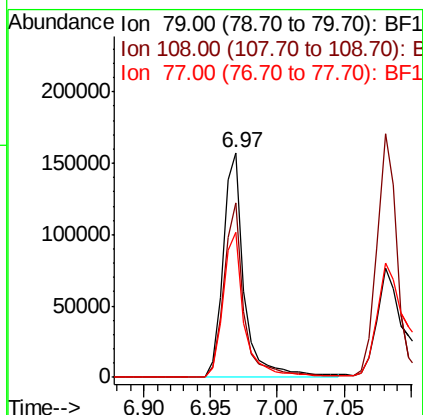
Tot Ion: 79 Resp: 176083

Ion Ratio Lower Upper

79 100

108 77.6 59.4 89.0

77 64.3 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.677 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

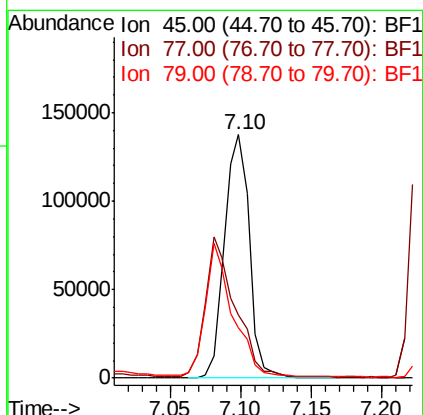
Tgt Ion: 45 Resp: 167949

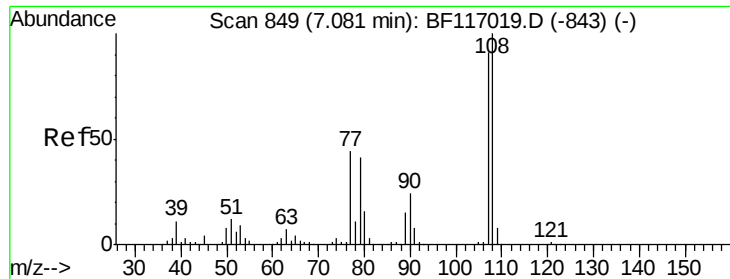
Ion Ratio Lower Upper

45 100

77 25.8 2.7 42.7

79 20.9 0.0 38.9

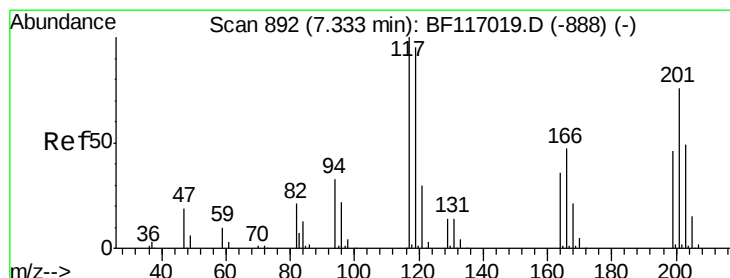
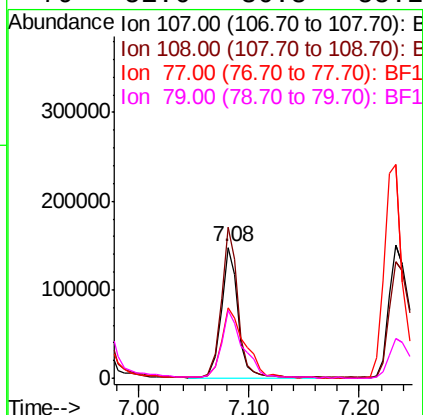
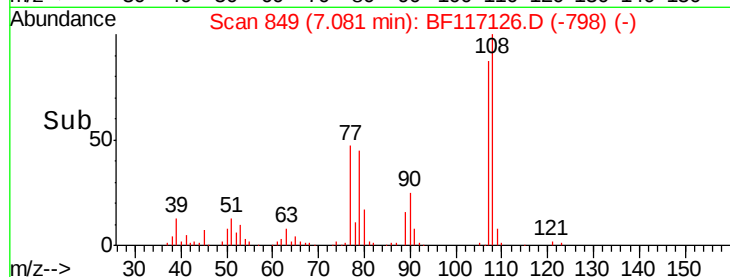
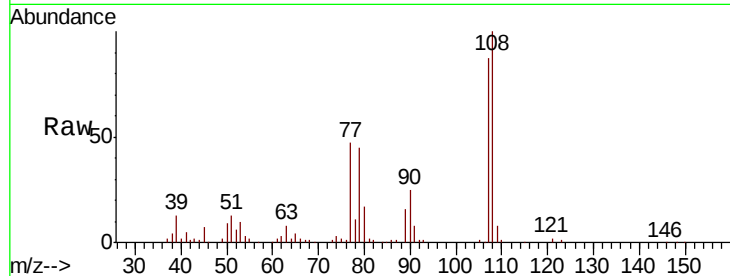




#17
2-Methylphenol
Concen: 40.279 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

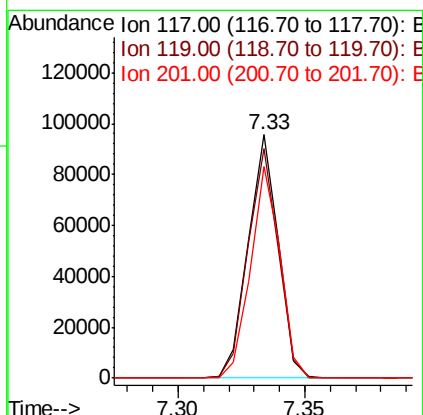
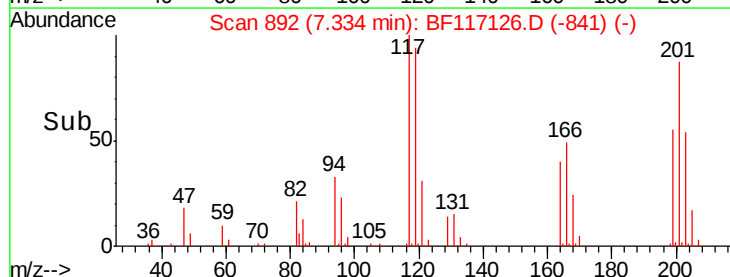
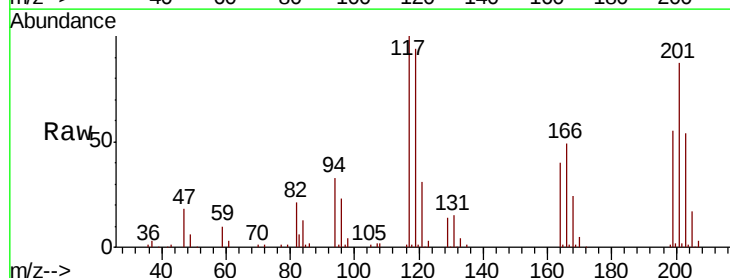
Instrument :
BNA_F
ClientSampleId :

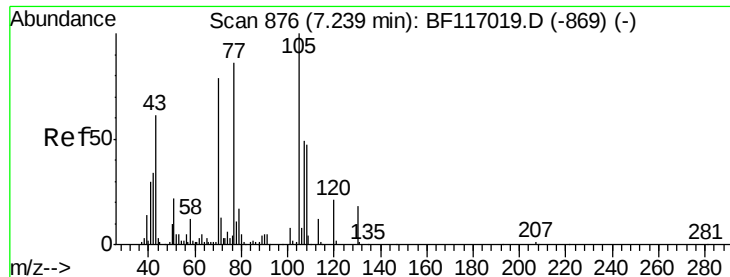
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.1	87.7	131.5
77	54.1	38.6	58.0
79	51.6	36.8	55.2



#18
Hexachloroethane
Concen: 38.698 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.8	113.8
201	87.0	60.9	91.3

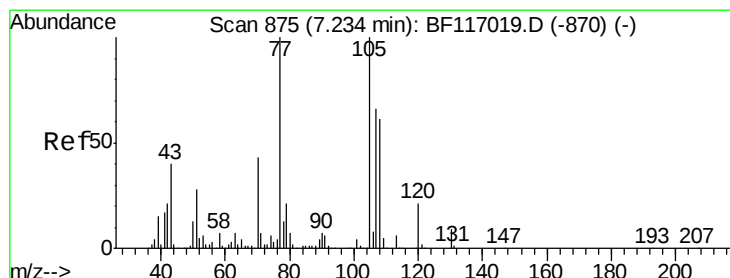
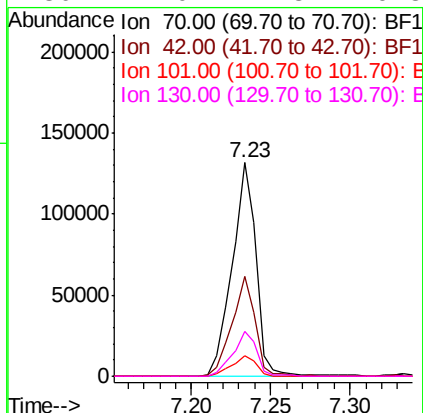
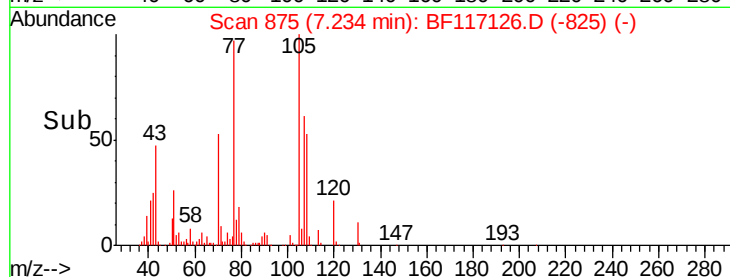
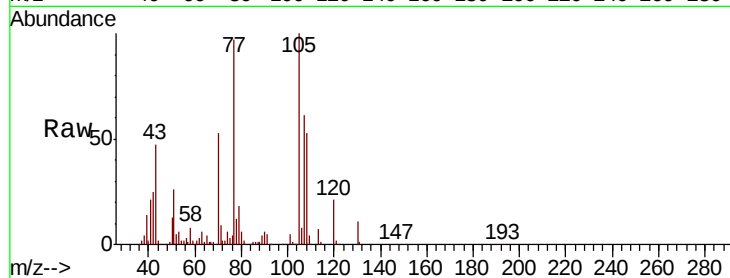




#19
n-Nitroso-di-n-propylamine
Concen: 40.593 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

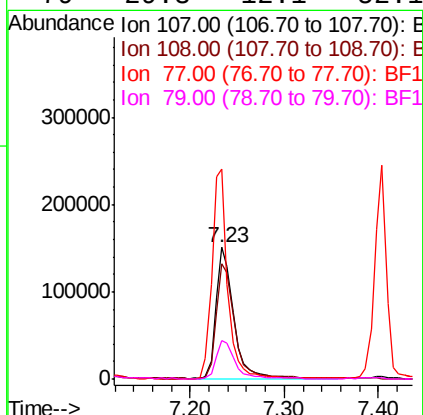
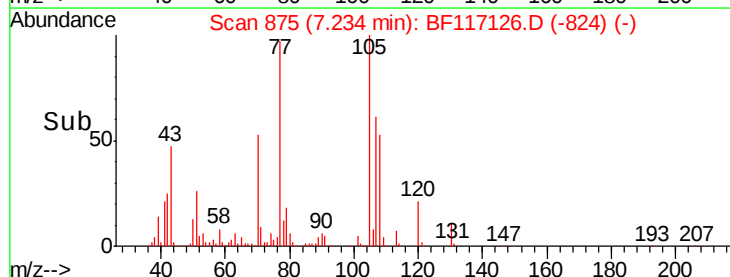
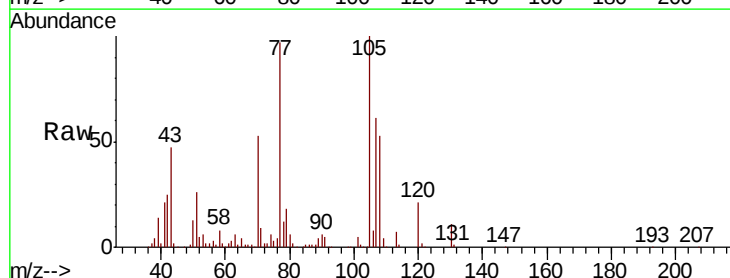
Instrument :
BNA_F
ClientSampleId :

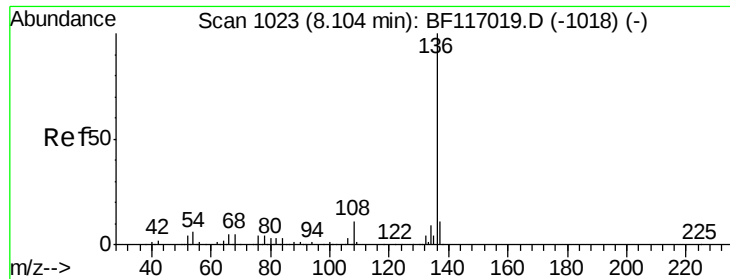
Tot Ion:	70	Resp:	137647
Ion	Ratio	Lower	Upper
70	100		
42	46.5	34.0	51.0
101	9.7	7.8	11.6
130	21.0	17.8	26.8



#20
3+4-Methylphenols
Concen: 40.977 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion:	107	Resp:	198848
Ion	Ratio	Lower	Upper
107	100		
108	87.6	72.6	112.6
77	160.0	132.1	172.1
79	29.3	12.1	52.1

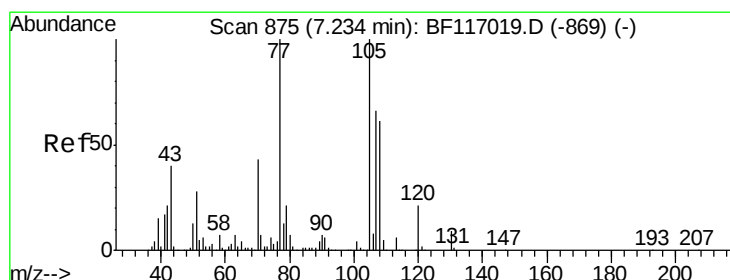
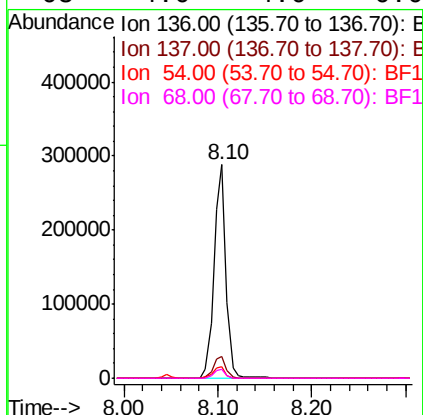
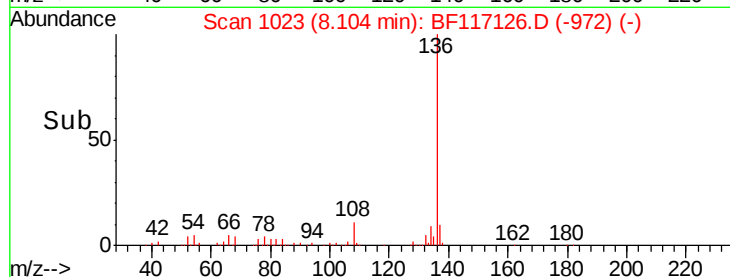
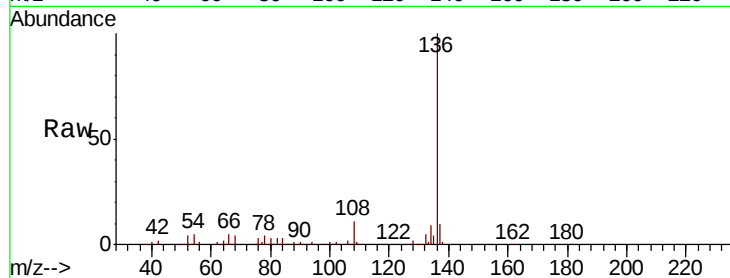




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

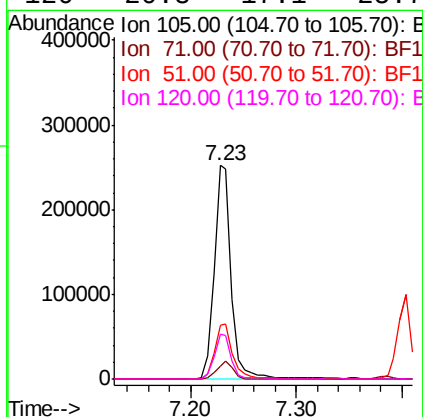
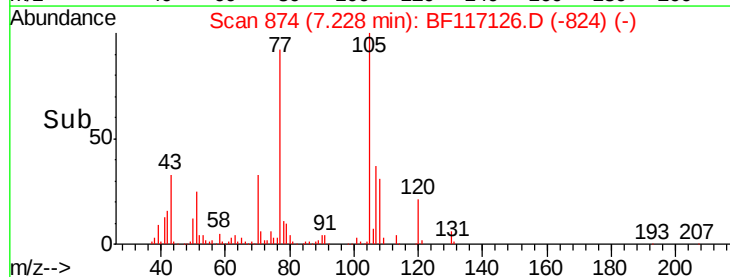
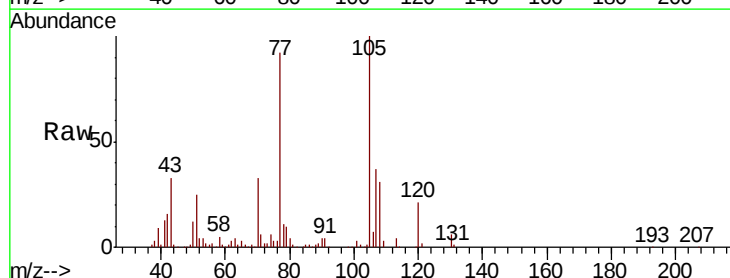
Instrument :
BNA_F
ClientSampleId :

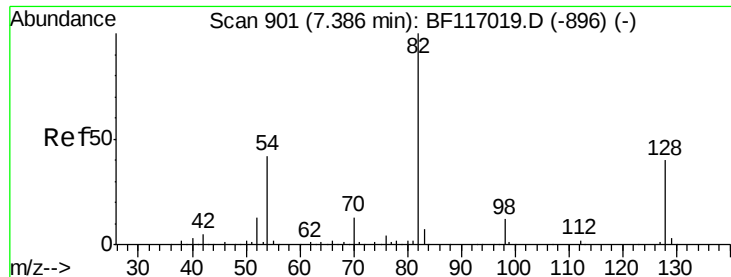
Tot Ion:136	Resp: 260334
Ion Ratio	Lower Upper
136 100	
137 10.4	9.0 13.4
54 5.2	4.5 6.7
68 4.0	4.0 6.0#



#22
Acetophenone
Concen: 43.251 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt	Ion:105	Resp:	286073
Ion	Ratio	Lower	Upper
105	100		
71	5.7	5.7	8.5
51	25.3	22.1	33.1
120	20.8	17.1	25.7

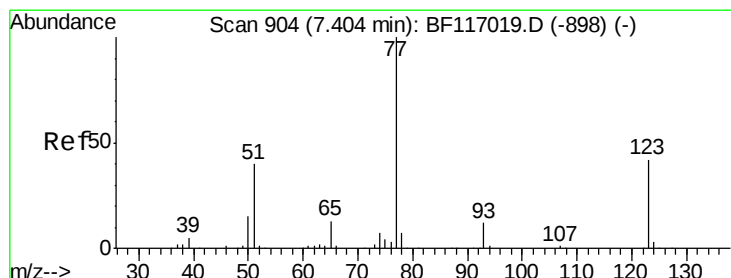
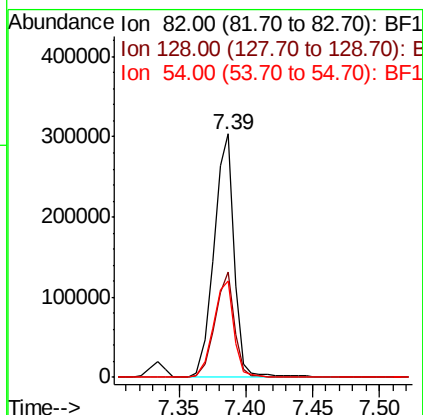
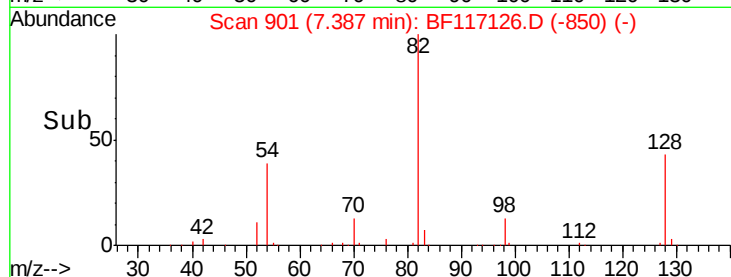
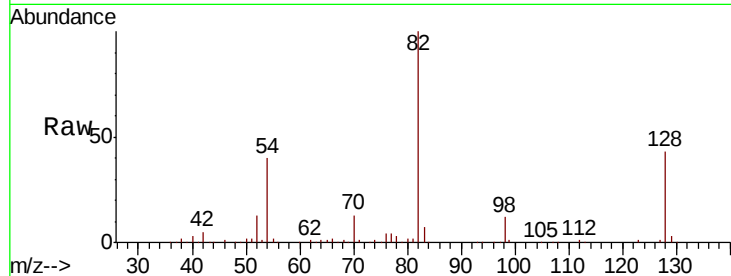




#23
 Nitrobenzene-d5
 Concen: 65.745 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

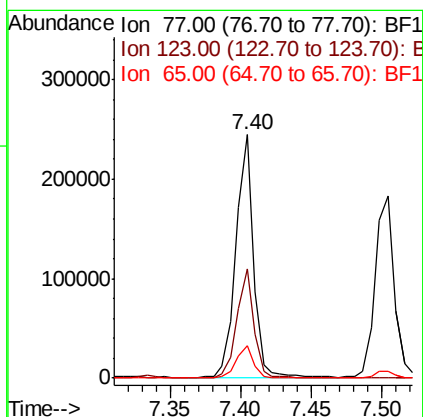
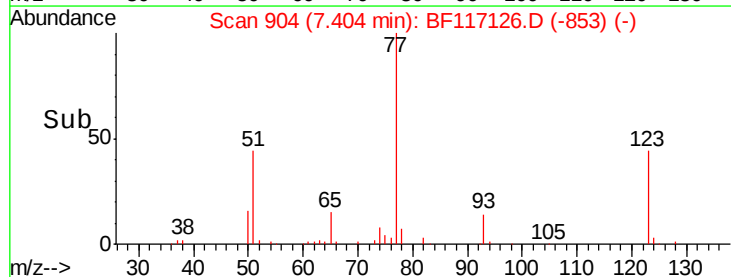
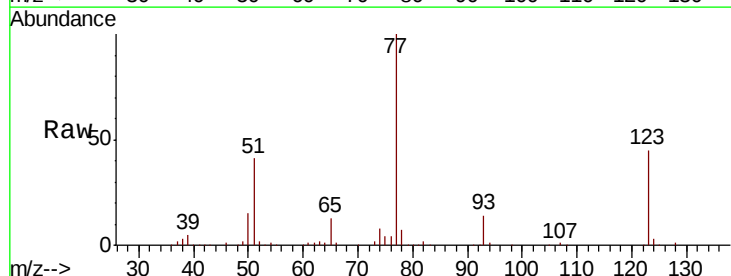
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	325750
Ion Ratio	100	Lower	Upper
128	43.3	32.3	48.5
54	39.8	33.3	49.9



#24
 Nitrobenzene
 Concen: 43.701 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion	77	Resp	213828
Ion Ratio	100	Lower	Upper
123	44.7	33.5	50.3
65	13.2	10.5	15.7





#25

Isophorone

Concen: 43.172 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :

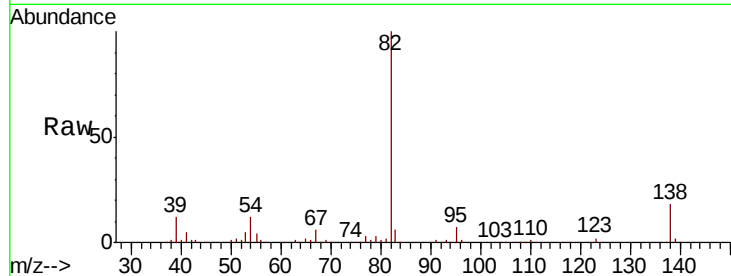
Tot Ion: 82 Resp: 378734

Ion Ratio Lower Upper

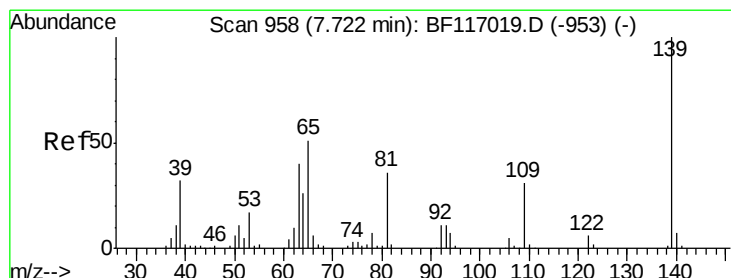
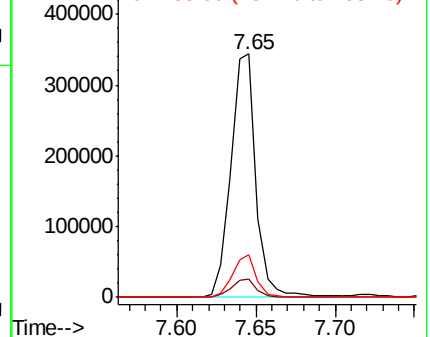
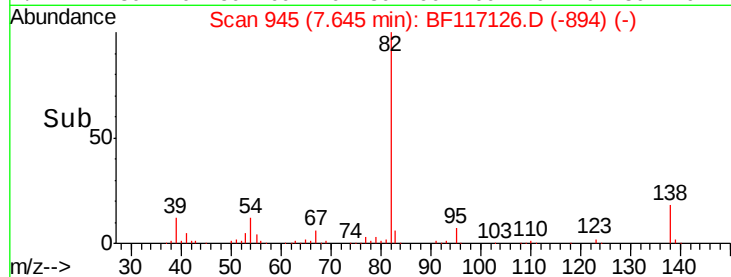
82 100

95 7.3 5.8 8.6

138 17.7 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.686 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

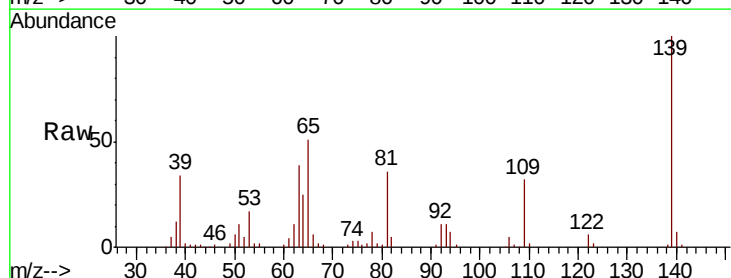
Tgt Ion: 139 Resp: 98121

Ion Ratio Lower Upper

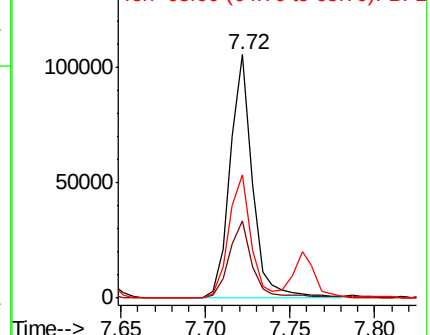
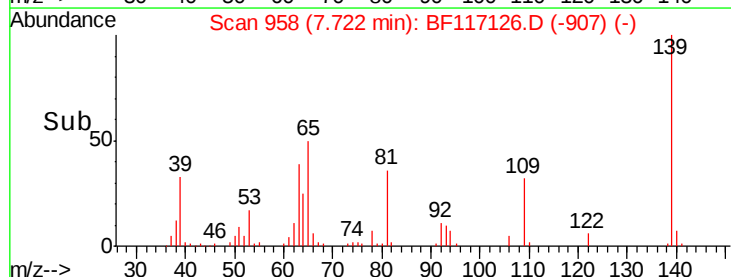
139 100

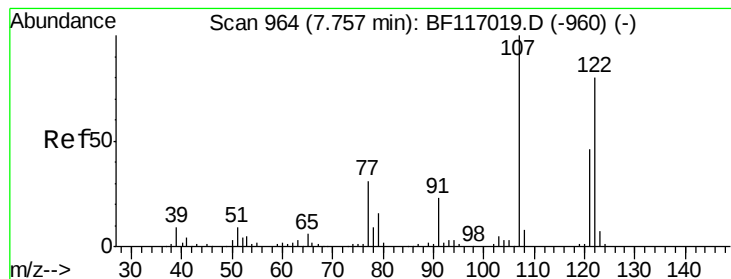
109 32.0 24.6 36.8

65 50.9 40.9 61.3



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

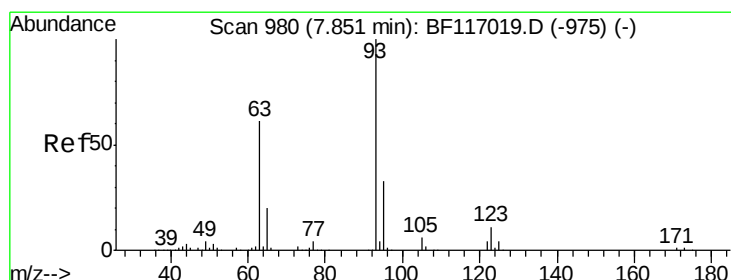
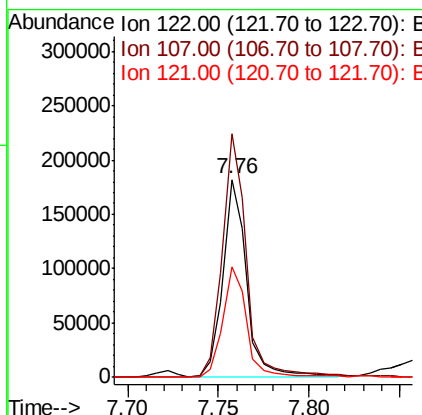
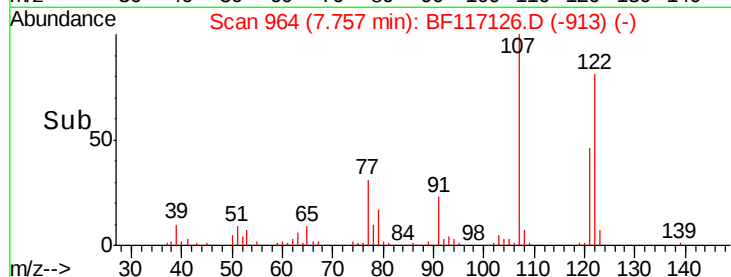
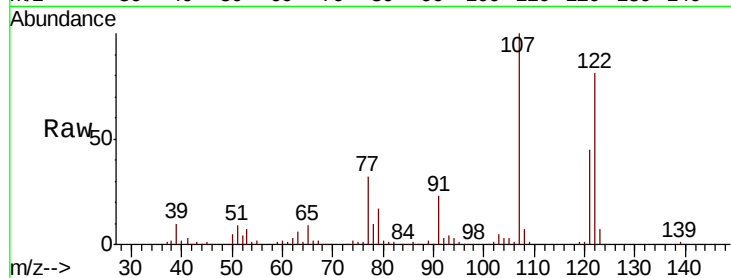




#27
 2,4-Dimethylphenol
 Concen: 49.608 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

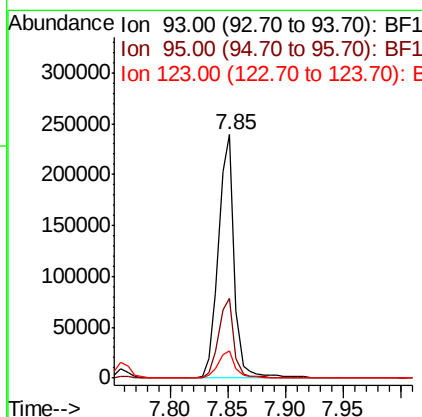
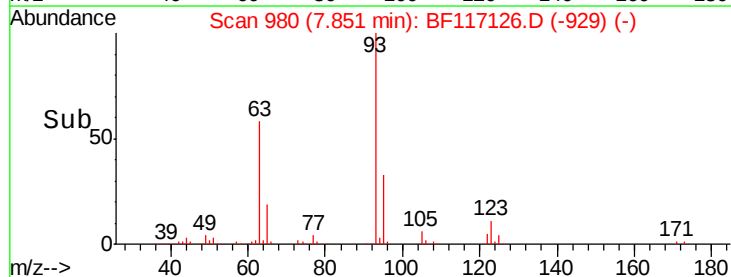
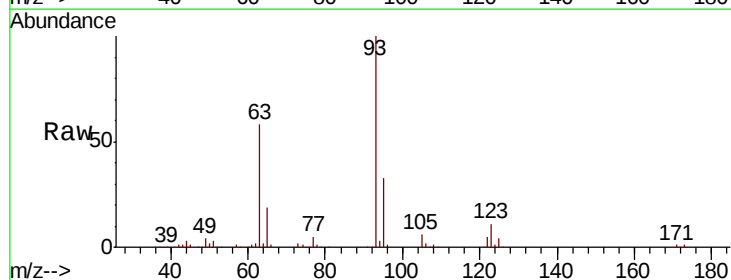
Instrument :
 BNA_F
 ClientSampled :

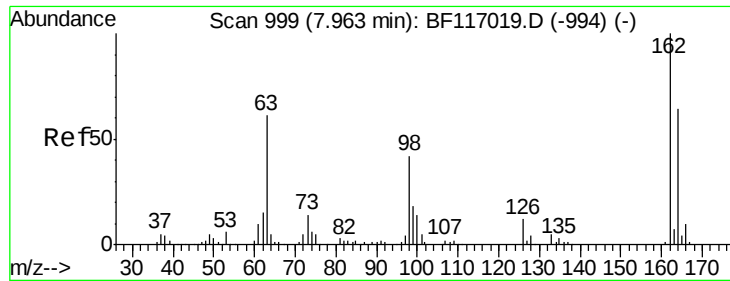
Tot Ion	Ratio	Lower	Upper
122	100		
107	123.0	98.9	148.3
121	55.9	45.3	67.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.541 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	11.4	9.0	13.6

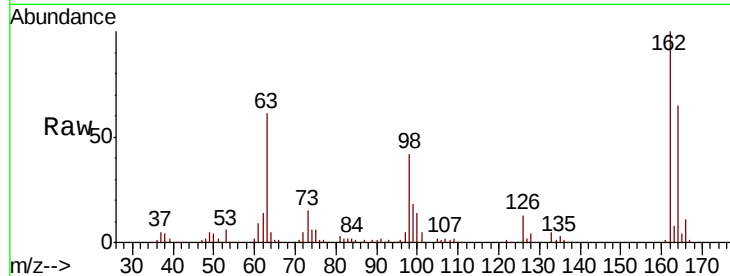




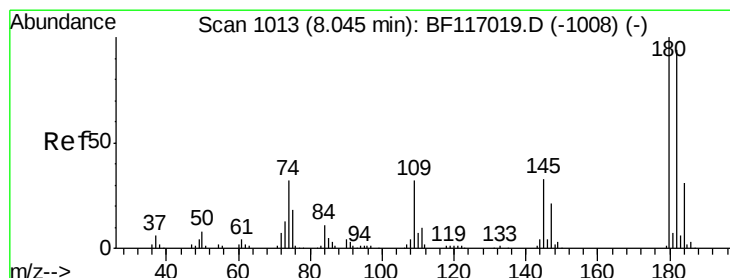
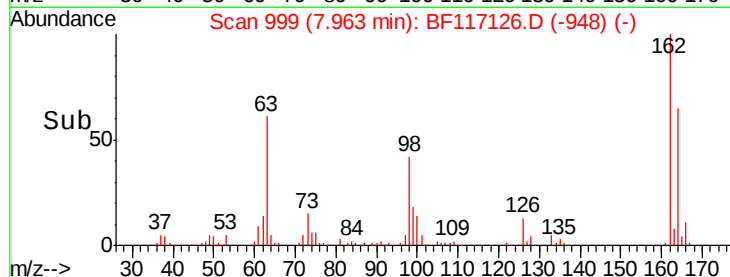
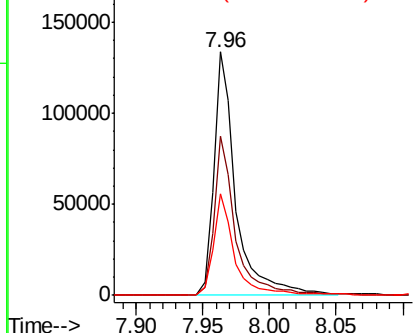
#29
 2,4-Dichlorophenol
 Concen: 44.227 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.8	83.8
98	41.5	22.1	62.1

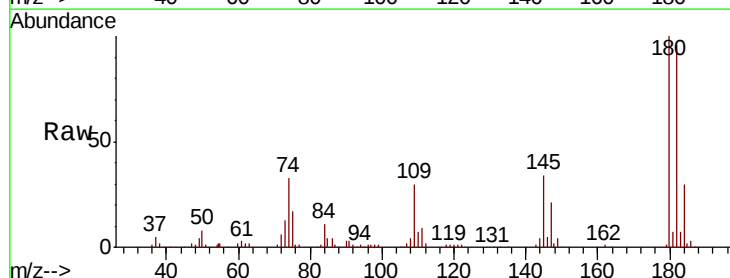


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

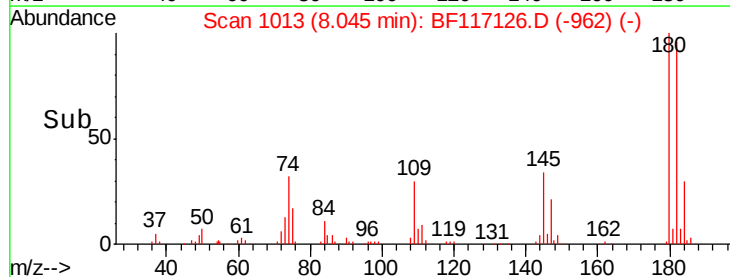
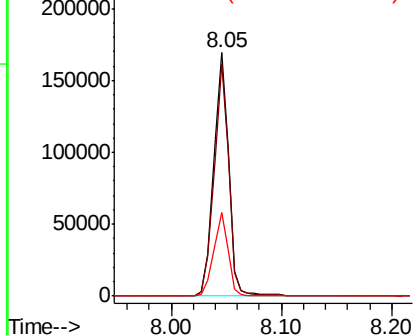


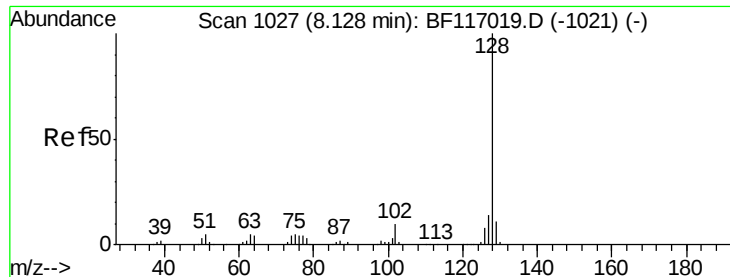
#30
 1,2,4-Trichlorobenzene
 Concen: 41.677 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.4	113.0
145	34.2	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

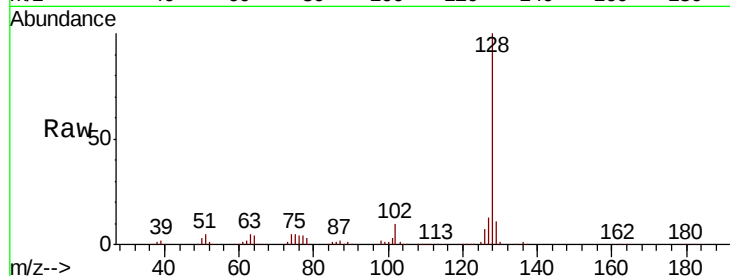




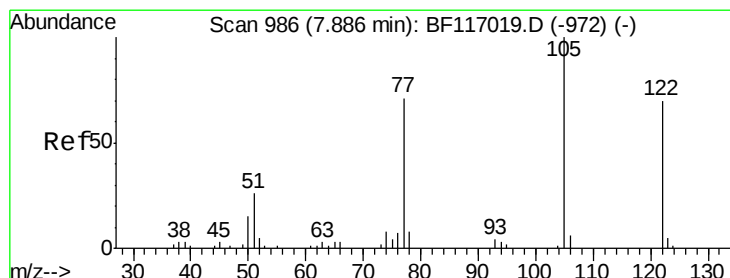
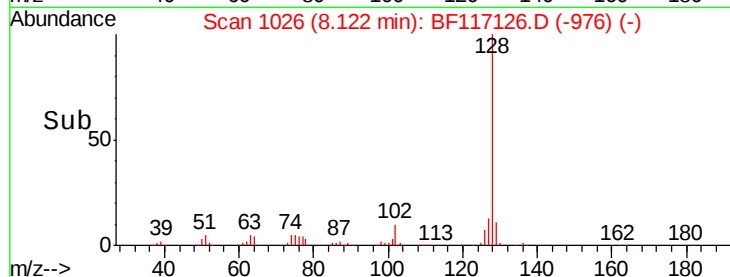
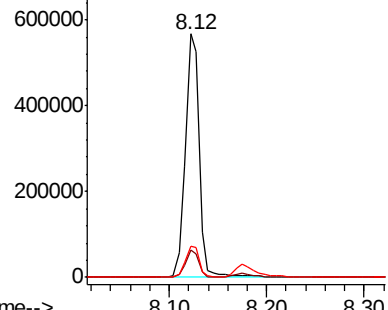
#31
Naphthalene
Concen: 44.856 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 561613
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.0 10.8 16.2

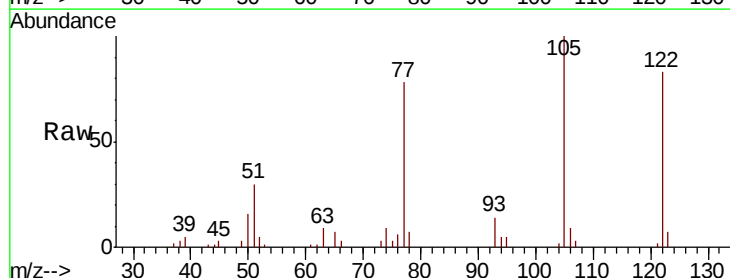


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

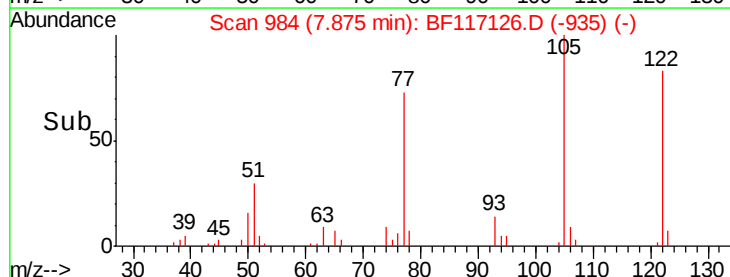
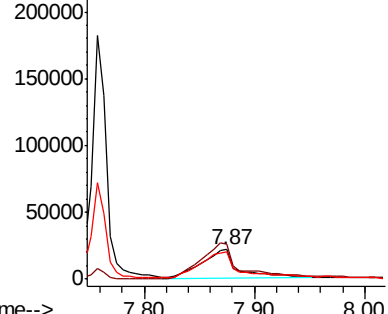


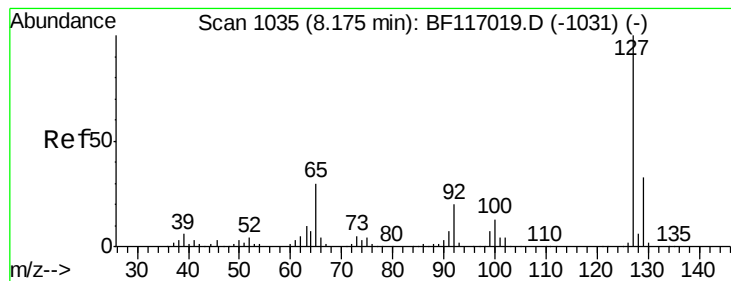
#32
Benzoic acid
Concen: 23.244 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion:122 Resp: 48576
Ion Ratio Lower Upper
122 100
105 119.8 114.8 154.8
77 93.9 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: 8.273 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 45940

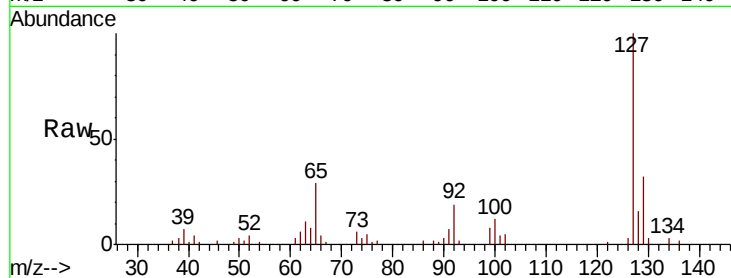
Ion Ratio Lower Upper

127 100

129 32.4 26.2 39.2

65 29.4 23.5 35.3

92 19.3 15.9 23.9

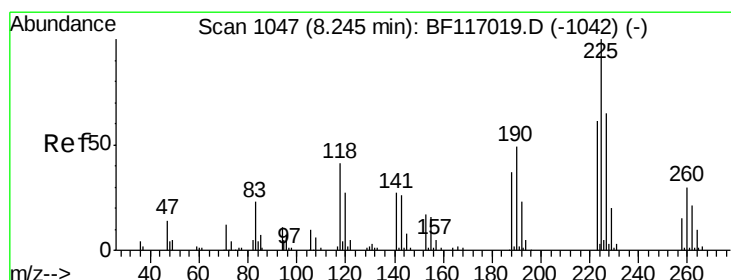
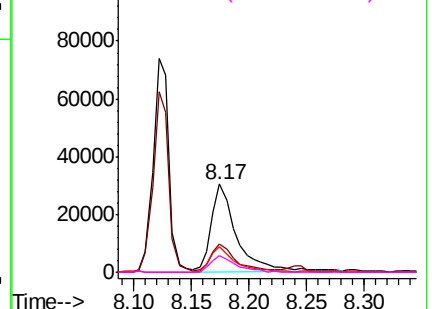
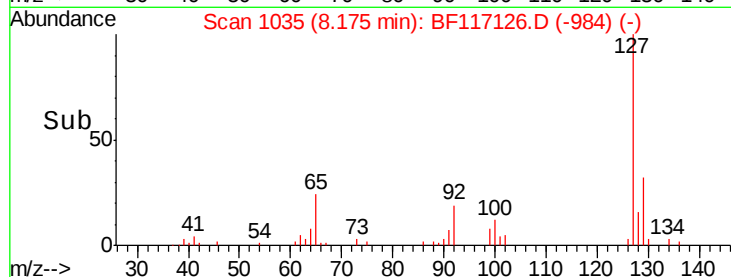


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.858 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

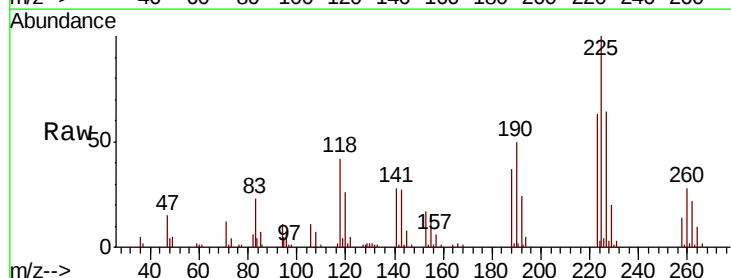
Tgt Ion:225 Resp: 89601

Ion Ratio Lower Upper

225 100

223 63.5 49.1 73.7

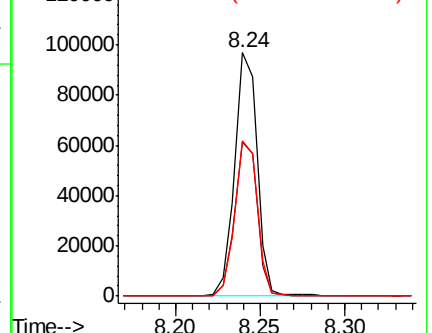
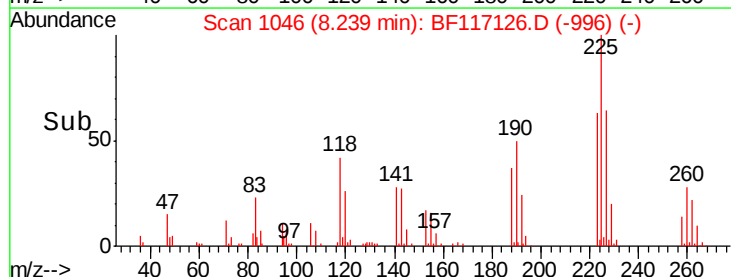
227 64.0 52.2 78.2

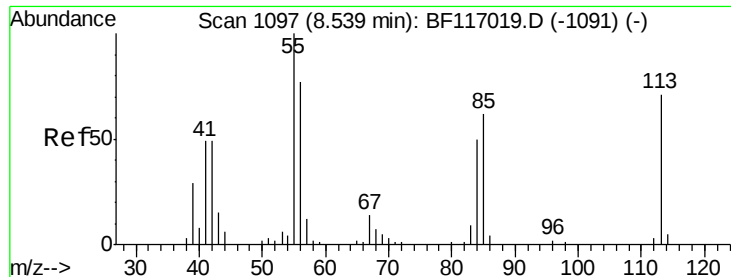


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.623 ng

RT: 8.54 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampleId :

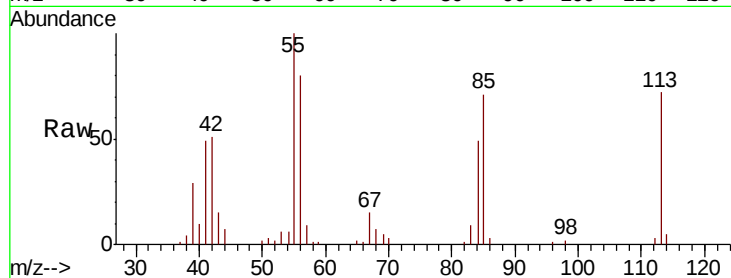
Tot Ion:113 Resp: 35016

Ion Ratio Lower Upper

113 100

55 139.2 120.6 160.6

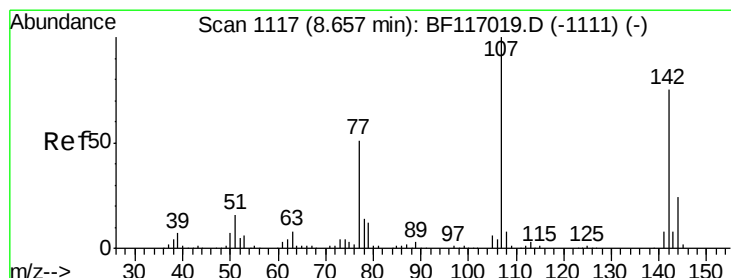
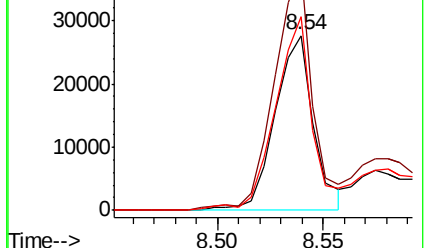
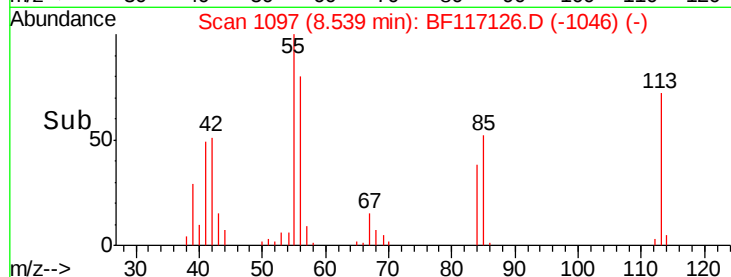
56 110.8 88.8 128.8



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: 45.734 ng

RT: 8.66 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

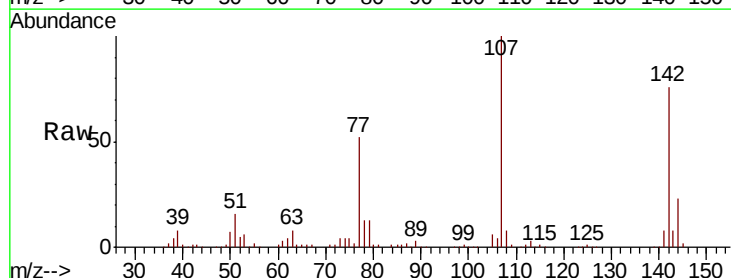
Tgt Ion:107 Resp: 186231

Ion Ratio Lower Upper

107 100

144 23.1 19.2 28.8

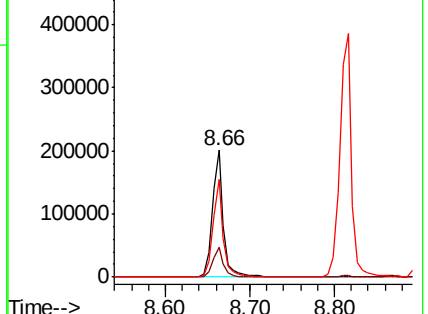
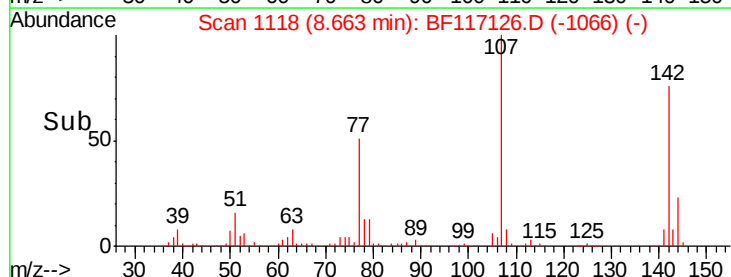
142 76.5 59.6 89.4

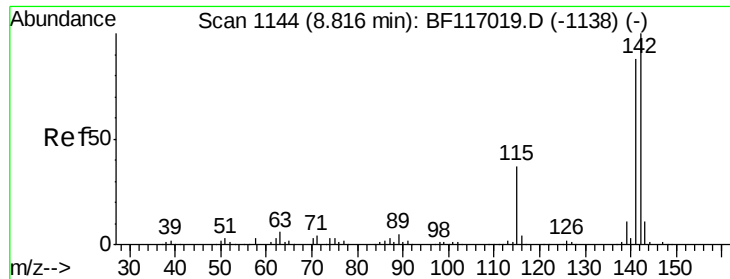


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

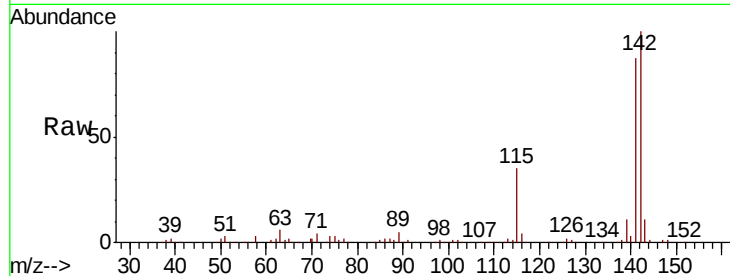




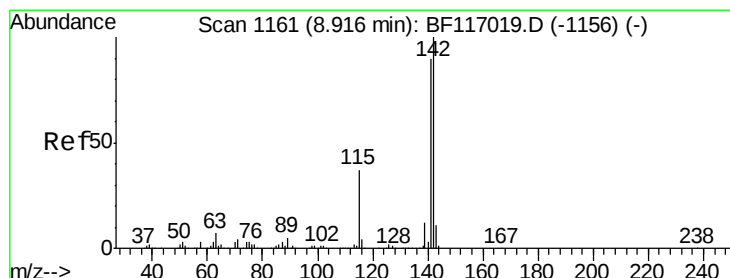
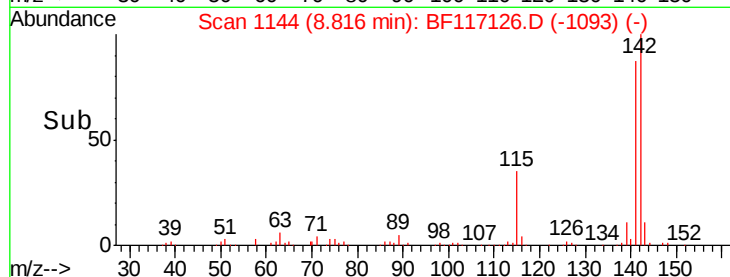
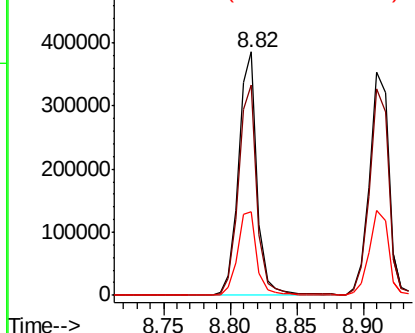
#37
2-Methylnaphthalene
Concen: 44.559 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 375688
Ion Ratio Lower Upper
142 100
141 86.6 70.7 106.1
115 34.6 29.4 44.0

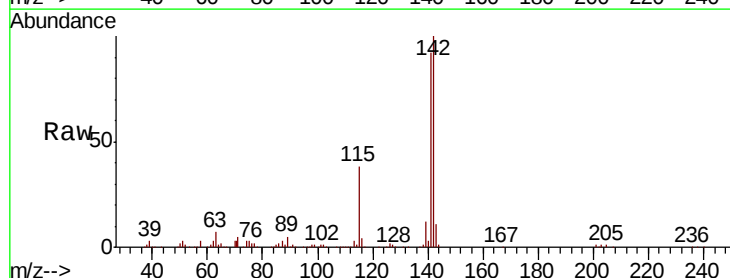


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

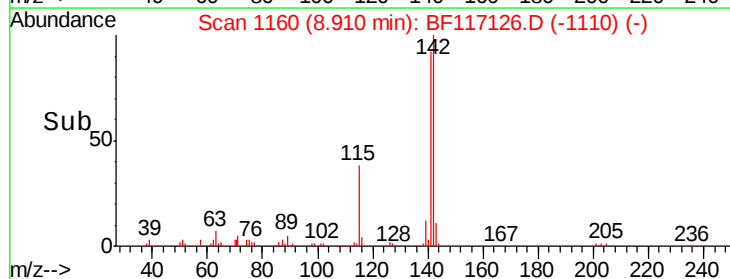
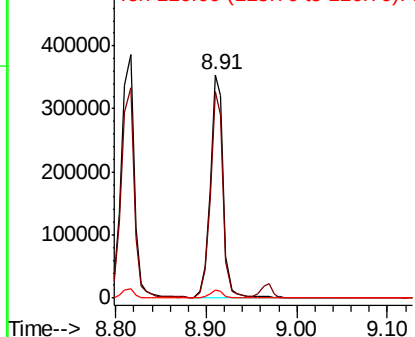


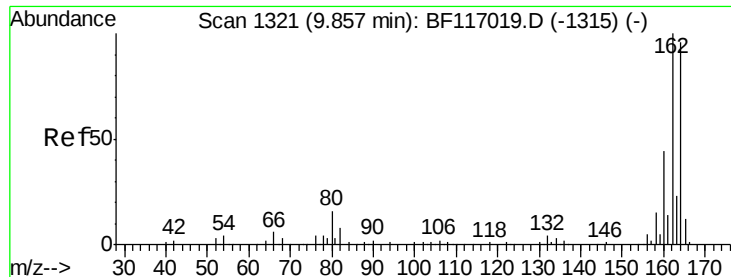
#38
1-Methylnaphthalene
Concen: 45.593 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion:142 Resp: 360023
Ion Ratio Lower Upper
142 100
141 92.1 71.9 107.9
116 3.9 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: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampleId :

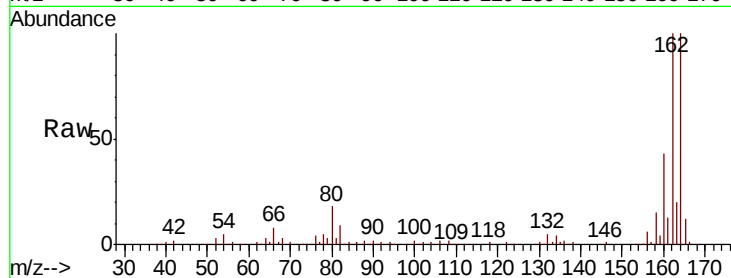
Tot Ion:164 Resp: 138069

Ion Ratio Lower Upper

164 100

162 99.5 83.4 125.2

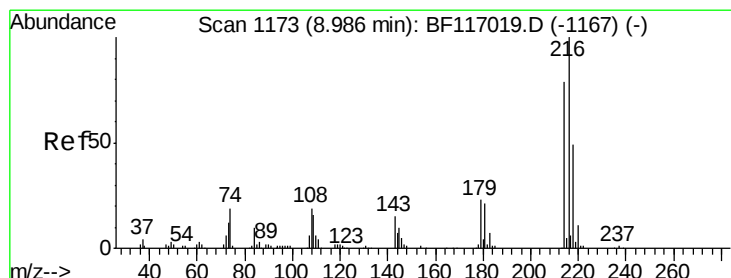
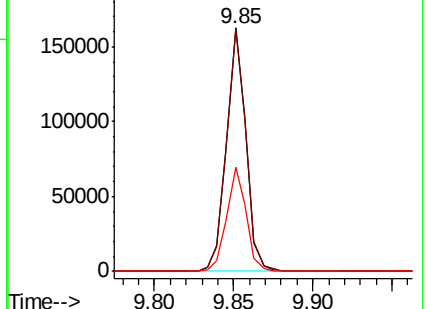
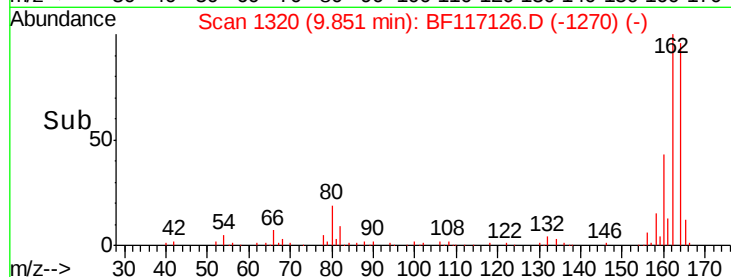
160 43.0 36.4 54.6



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: 41.645 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Tgt Ion:216 Resp: 148478

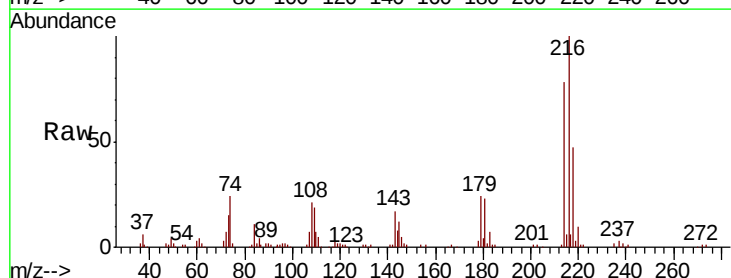
Ion Ratio Lower Upper

216 100

214 79.0 63.6 95.4

179 23.0 18.3 27.5

108 23.8 17.8 26.6

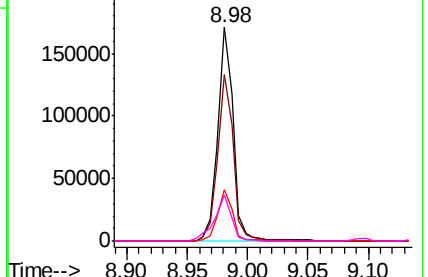
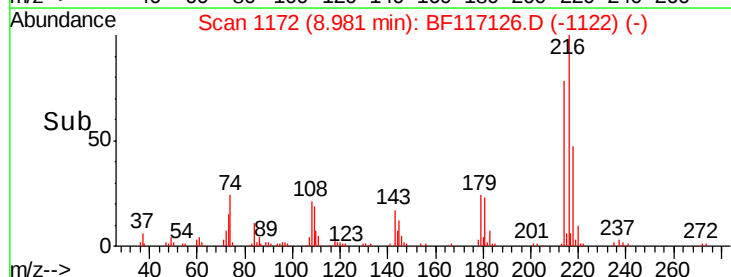


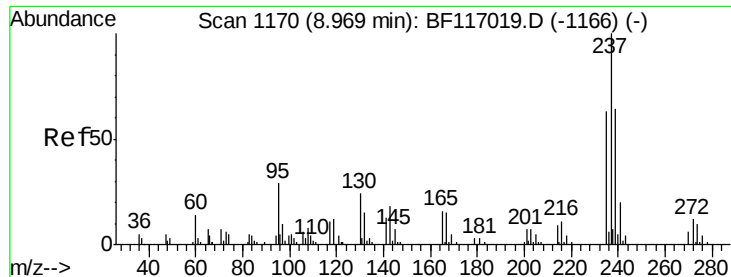
Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.404 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampleId :

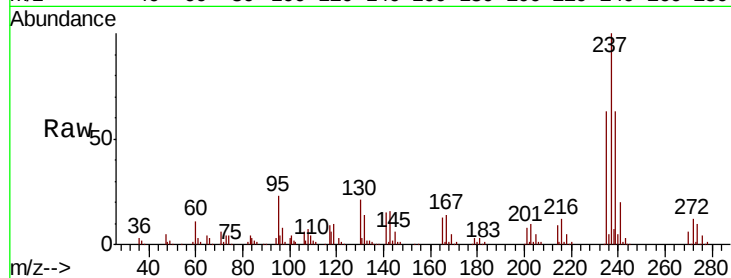
Tot Ion:237 Resp: 123288

Ion Ratio Lower Upper

237 100

235 62.9 43.2 83.2

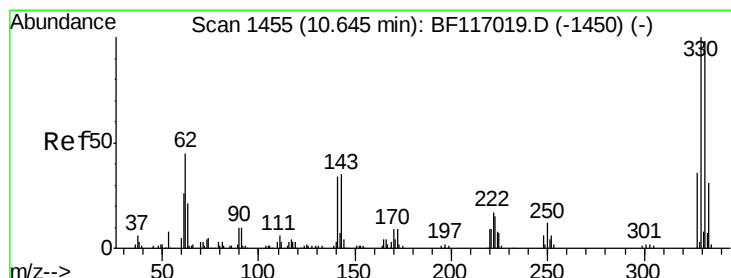
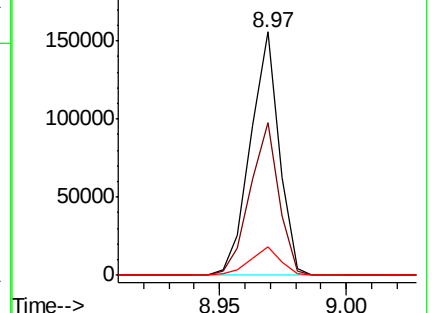
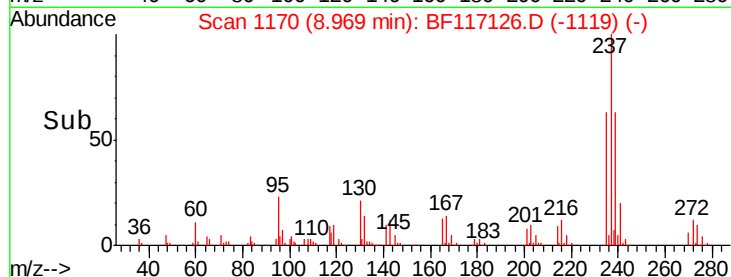
272 11.7 0.0 31.9



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: 98.423 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

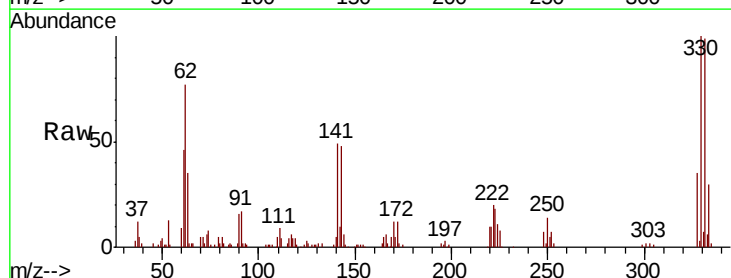
Tgt Ion:330 Resp: 113574

Ion Ratio Lower Upper

330 100

332 96.9 78.0 117.0

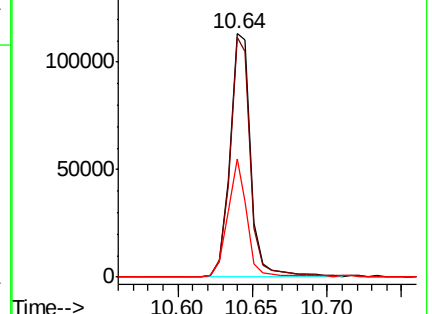
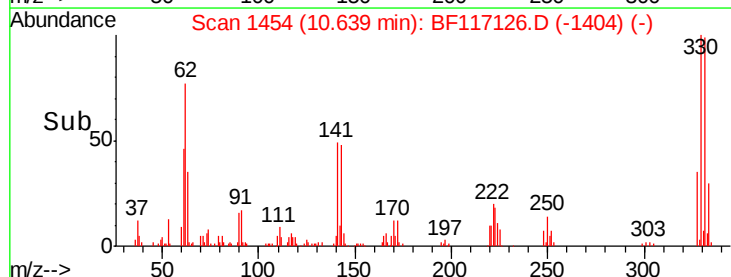
141 44.0 35.8 53.6



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

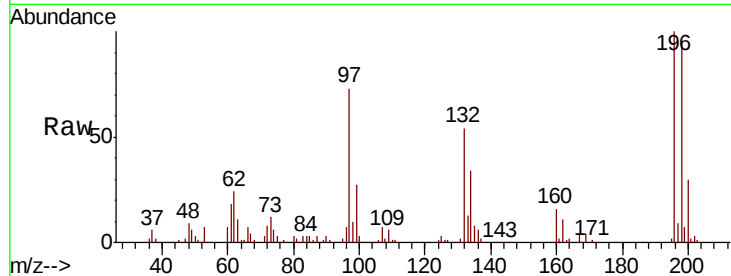




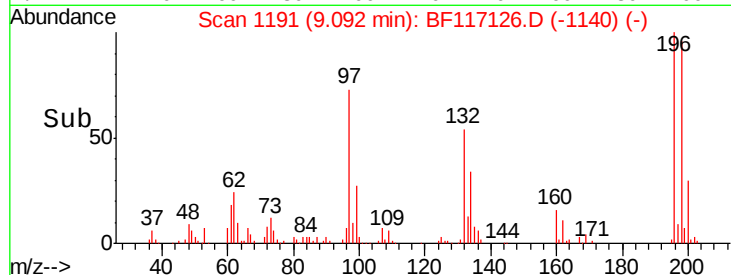
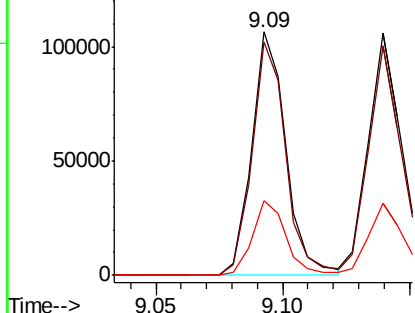
#43
 2,4,6-Trichlorophenol
 Concen: 41.321 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.7	113.5
200	30.5	23.3	34.9



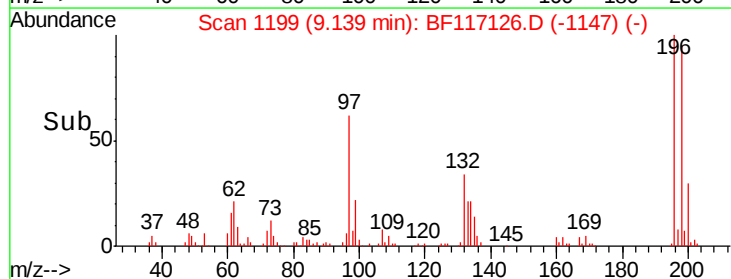
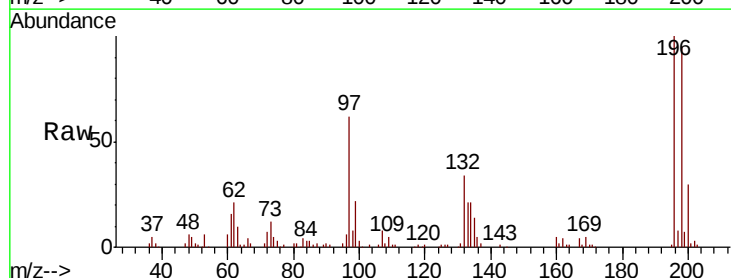
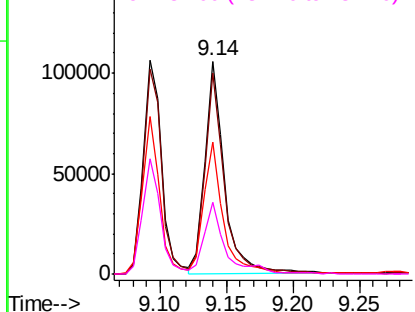
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

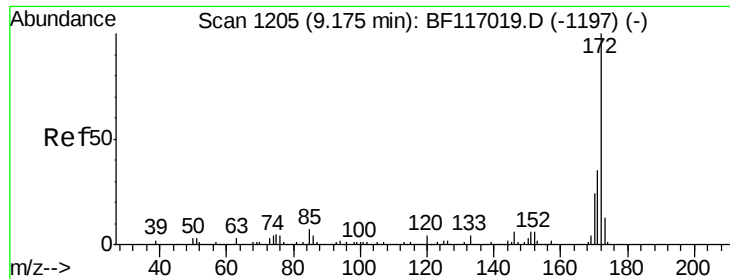


#44
 2,4,5-Trichlorophenol
 Concen: 41.889 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.6	112.0
97	62.0	49.5	74.3
132	33.6	27.4	41.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

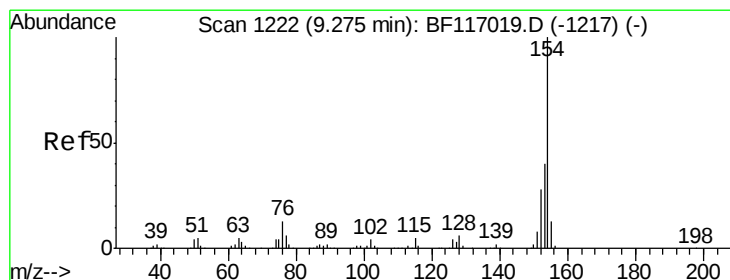
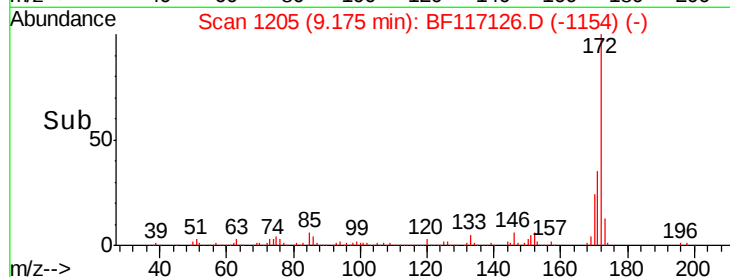
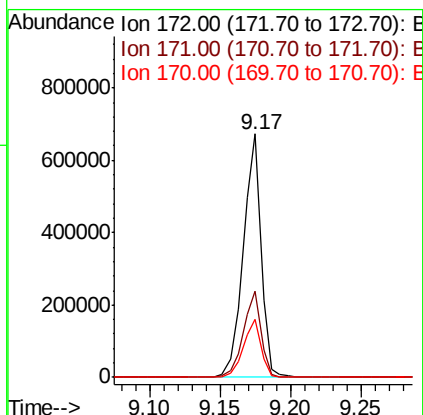
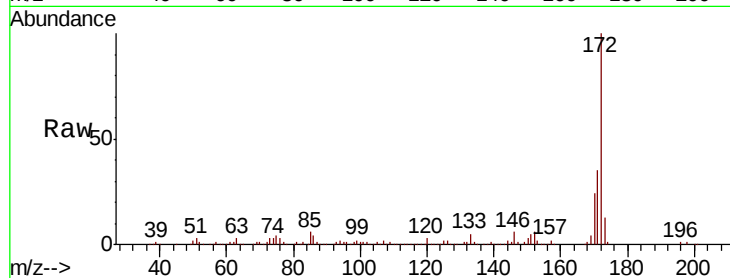




#45
 2-Fluorobiphenyl
 Concen: 66.885 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

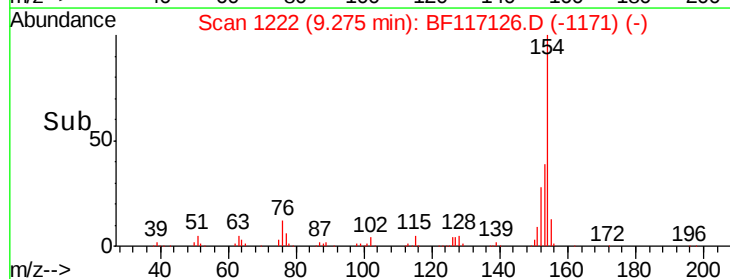
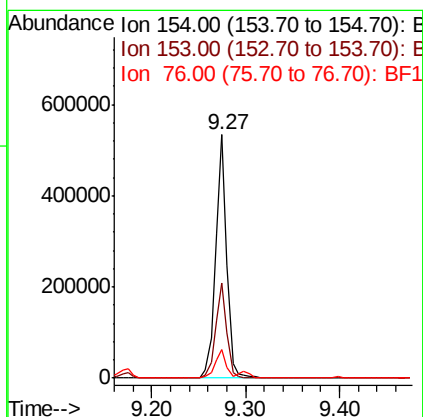
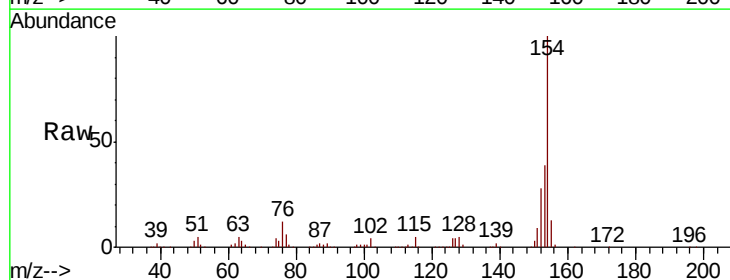
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	23.6	18.9	28.3



#46
 1,1'-Biphenyl
 Concen: 41.411 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.0	60.0
76	11.8	0.0	32.7

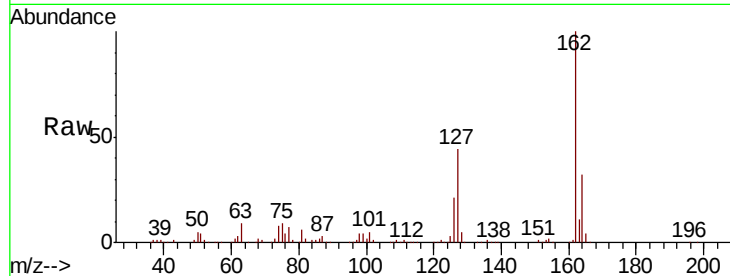




#47
 2-Chloronaphthalene
 Concen: 40.560 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.5	34.1	51.1
164	32.5	25.9	38.9

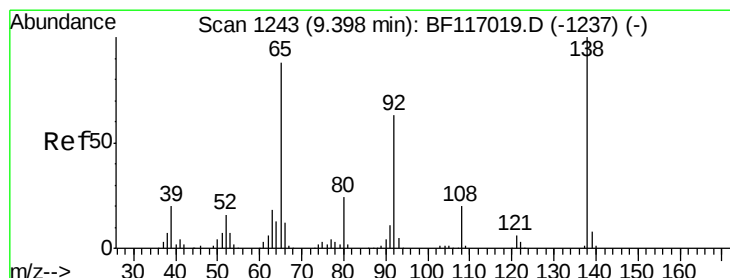
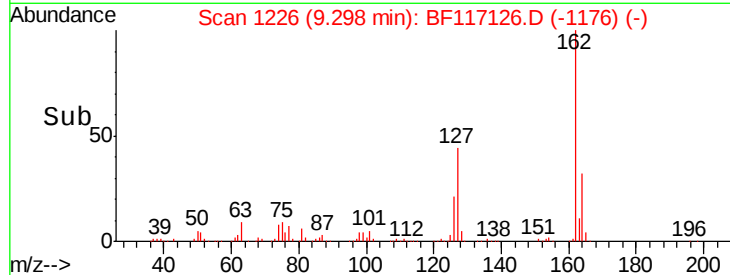
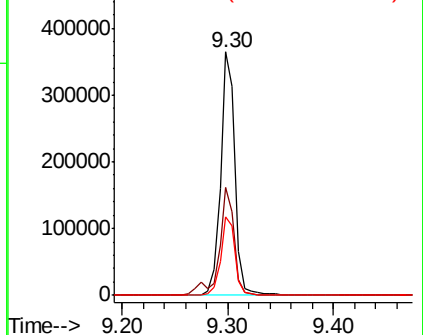


Abundance

Ion 162.00 (161.70 to 162.70): E

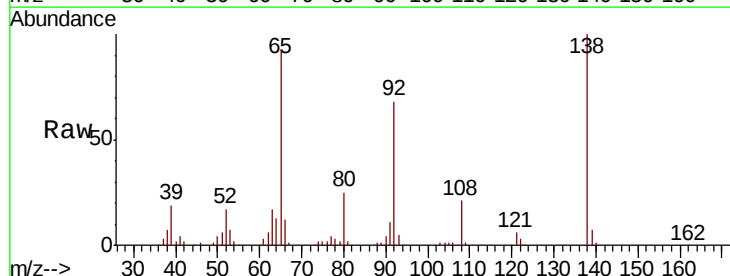
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 41.664 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	57.5	86.3
138	107.1	90.6	136.0

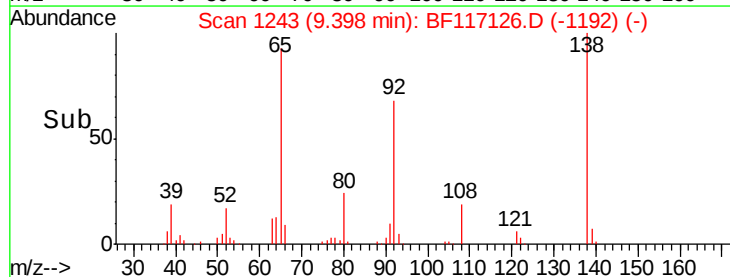
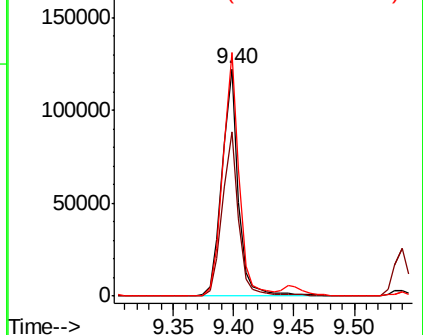


Abundance

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: 43.344 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampleId :

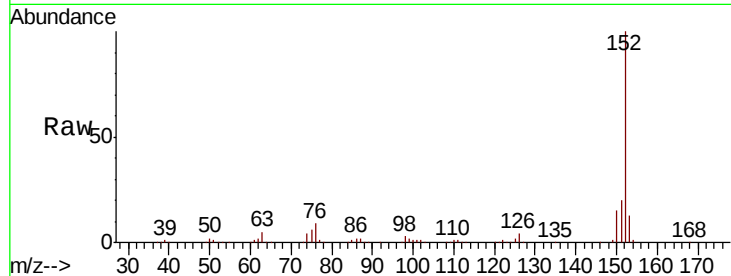
Tot Ion:152 Resp: 554993

Ion Ratio Lower Upper

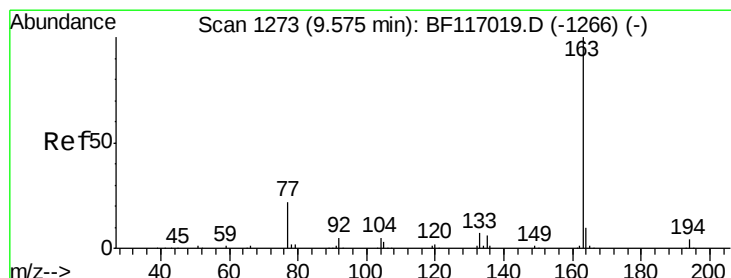
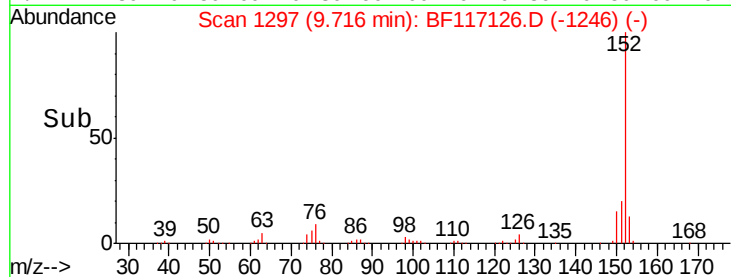
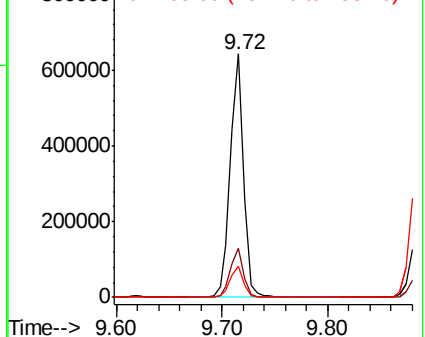
152 100

151 20.4 16.2 24.2

153 13.0 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.443 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

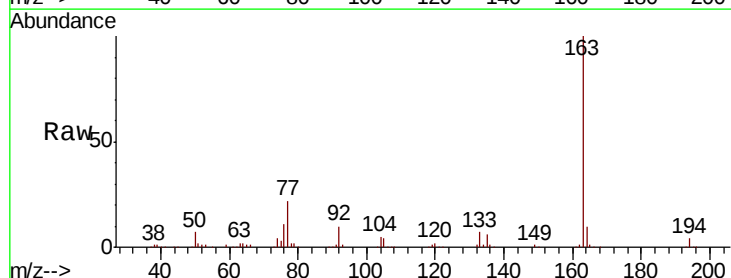
Tgt Ion:163 Resp: 522455

Ion Ratio Lower Upper

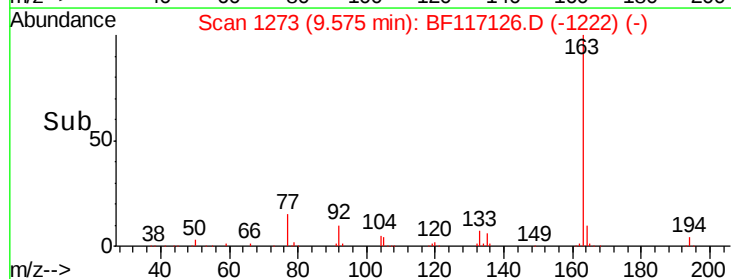
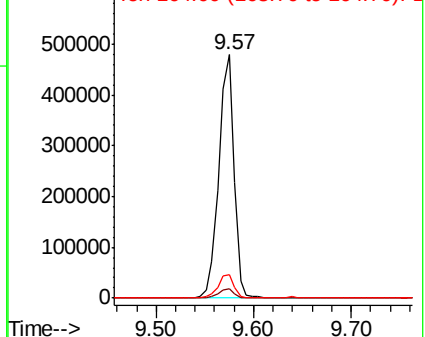
163 100

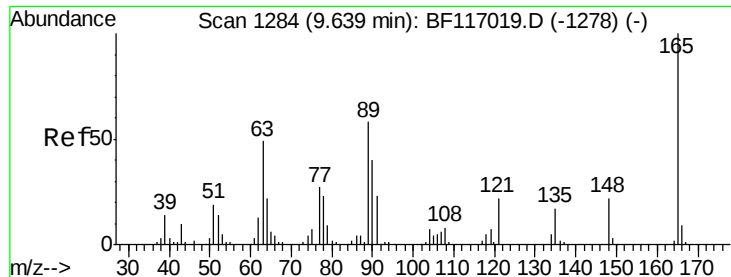
194 3.7 2.9 4.3

164 9.9 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: 46.193 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampled :

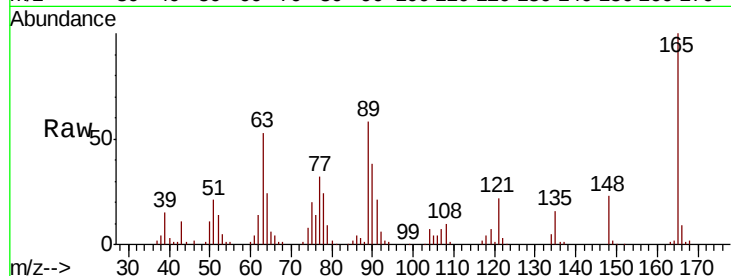
Tot Ion:165 Resp: 91972

Ion Ratio Lower Upper

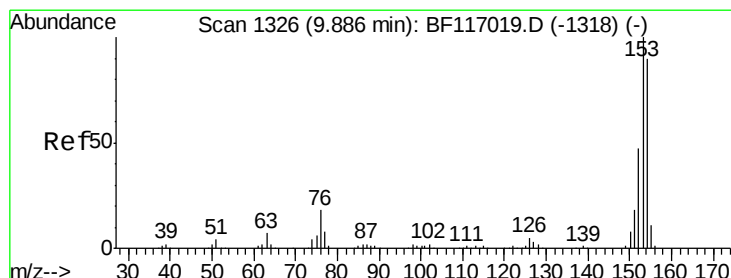
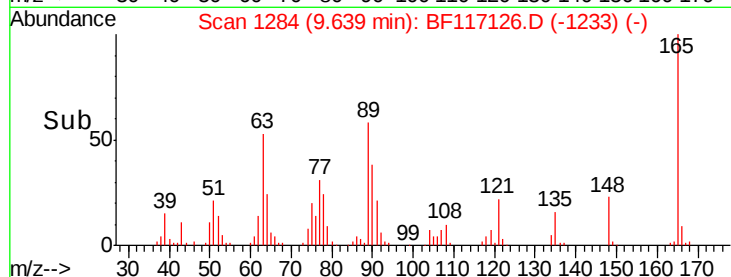
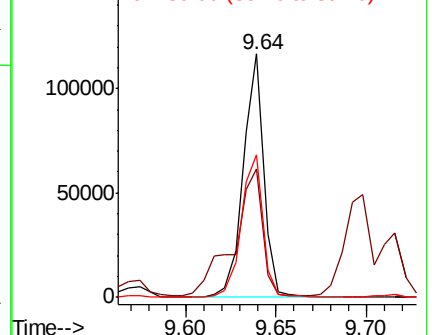
165 100

63 52.9 41.8 62.8

89 58.5 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: 41.706 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

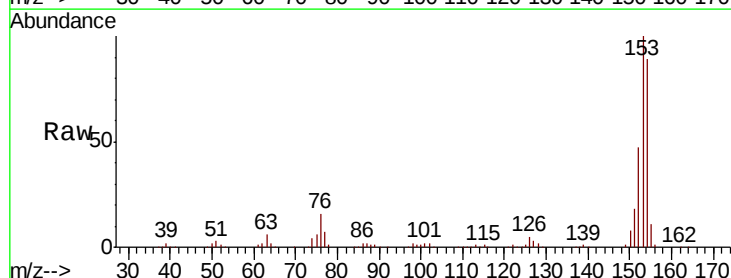
Tgt Ion:154 Resp: 316554

Ion Ratio Lower Upper

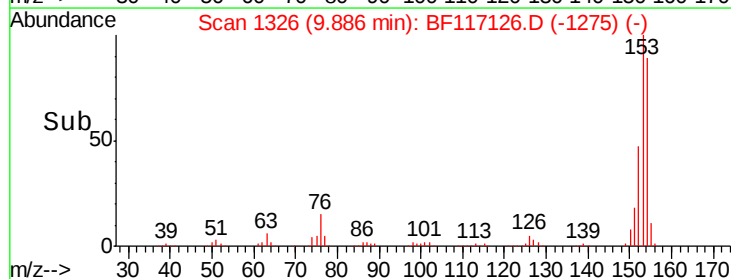
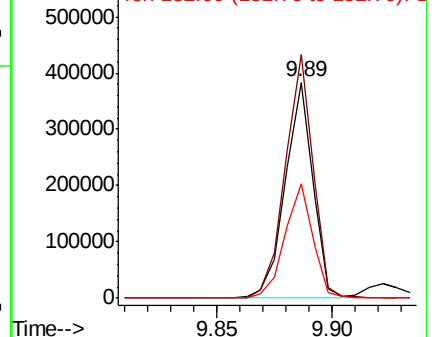
154 100

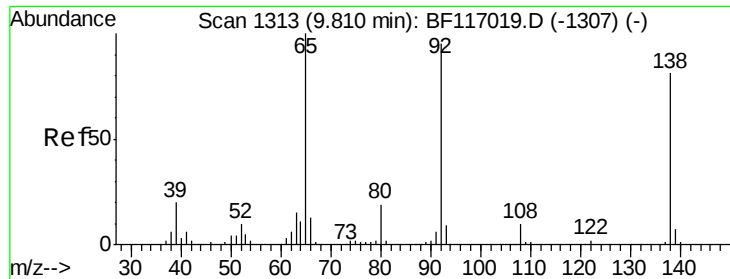
153 113.0 89.0 133.6

152 52.9 41.9 62.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

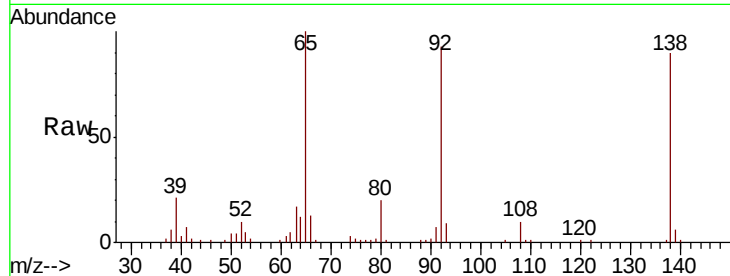




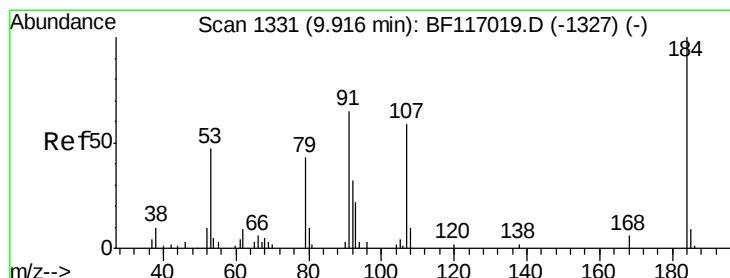
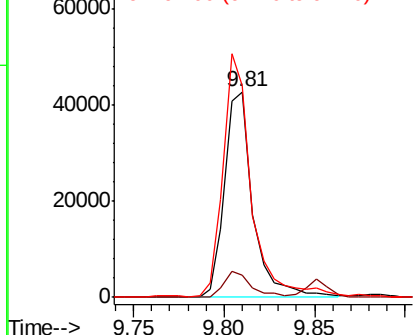
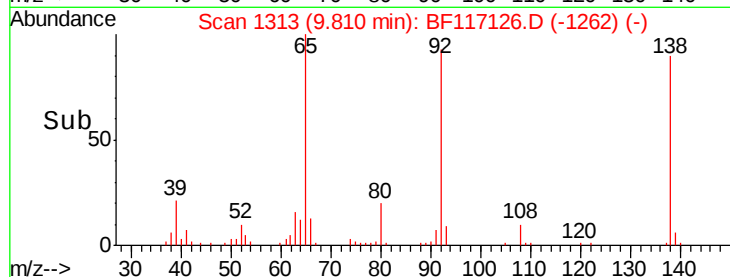
#53
3-Nitroaniline
Concen: 18.720 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 47026
Ion Ratio Lower Upper
138 100
108 10.9 9.5 14.3
92 103.2 94.1 141.1

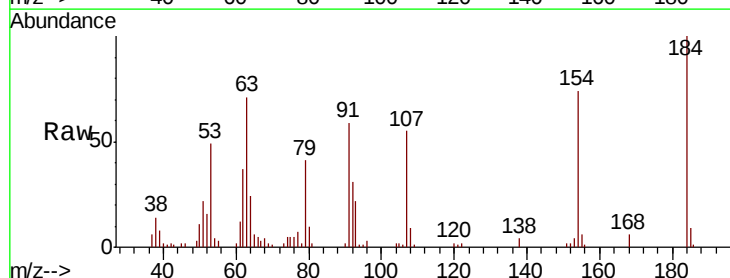


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

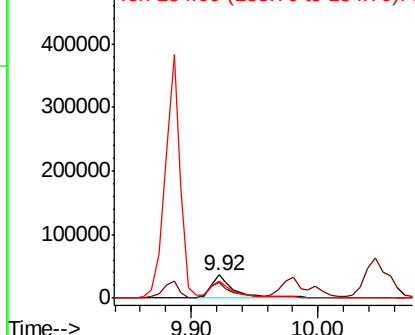
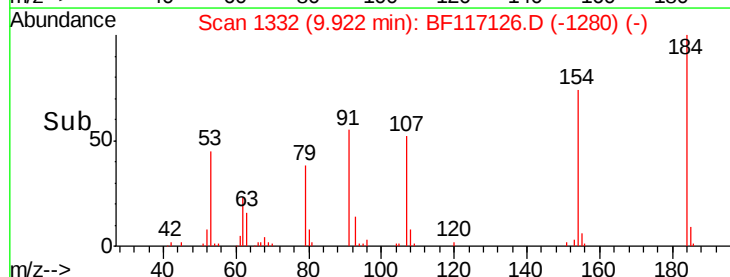


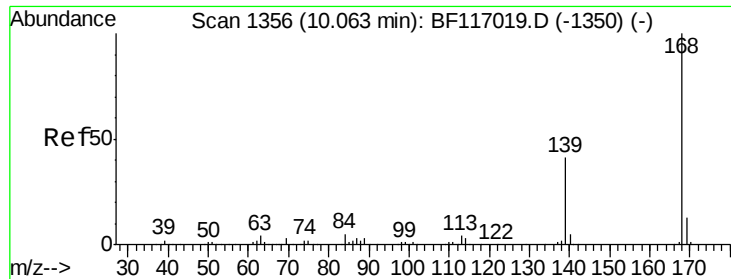
#54
2,4-Dinitrophenol
Concen: 58.493 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion:184 Resp: 47895
Ion Ratio Lower Upper
184 100
63 71.5 63.8 95.6
154 73.6 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

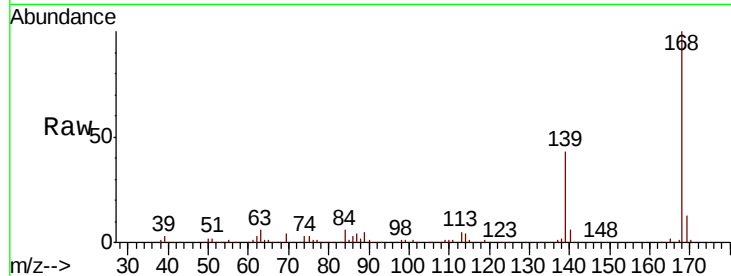




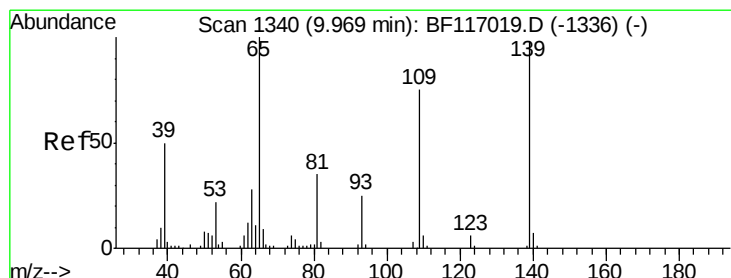
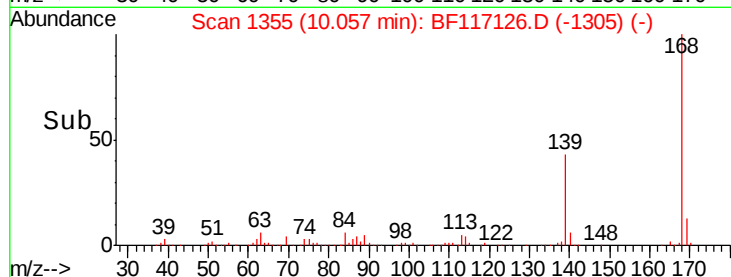
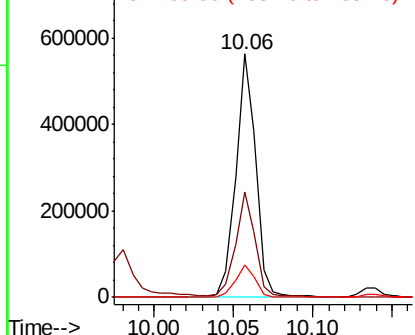
#55
Dibenzenofuran
Concen: 43.895 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.4	32.8	49.2
169	13.5	10.5	15.7

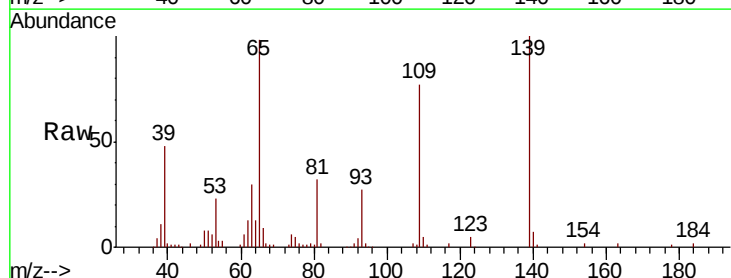


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

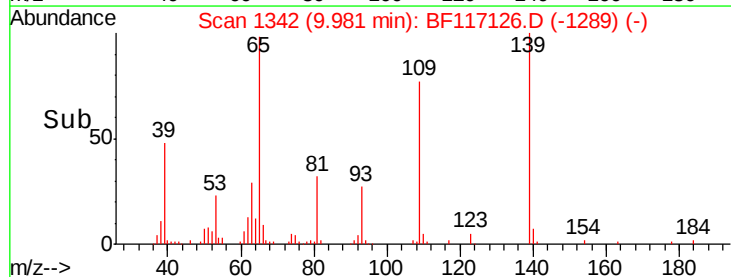
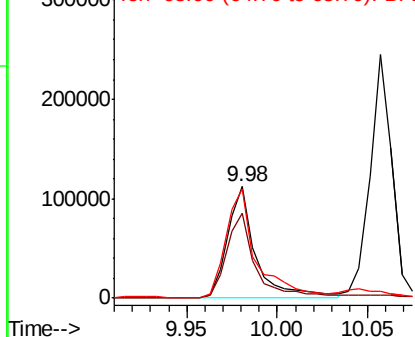


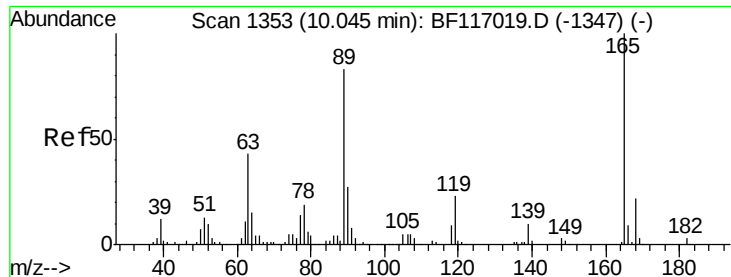
#56
4-Nitrophenol
Concen: 75.793 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.8	56.4	96.4
65	98.3	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

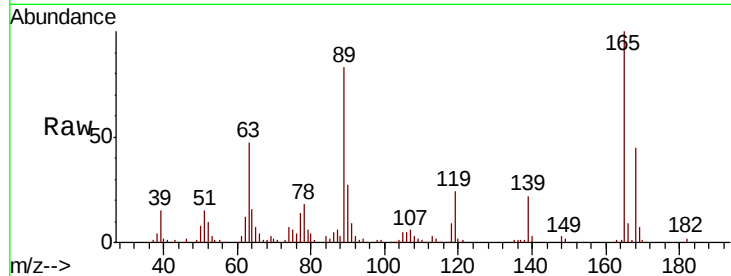




#57
2,4-Dinitrotoluene
Concen: 47.945 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.6	35.0	52.4
89	82.7	66.1	99.1
182	2.5	2.0	3.0



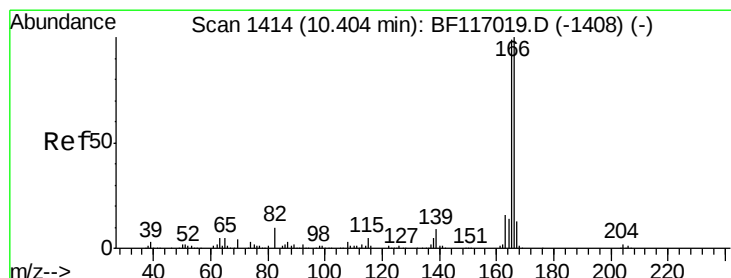
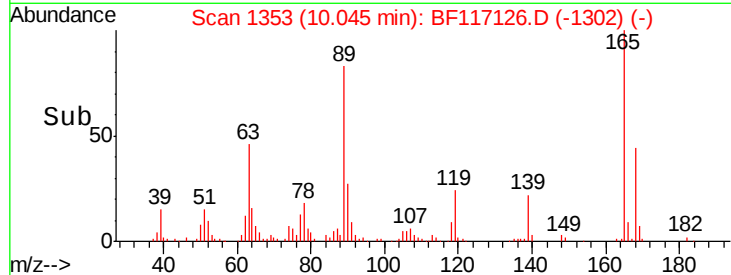
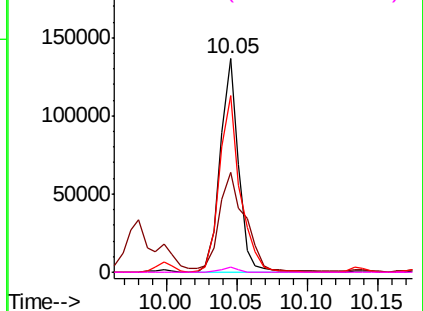
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

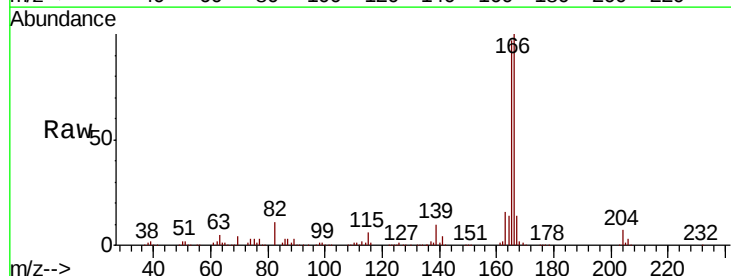
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.013 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.9	118.3
167	13.6	10.6	15.8

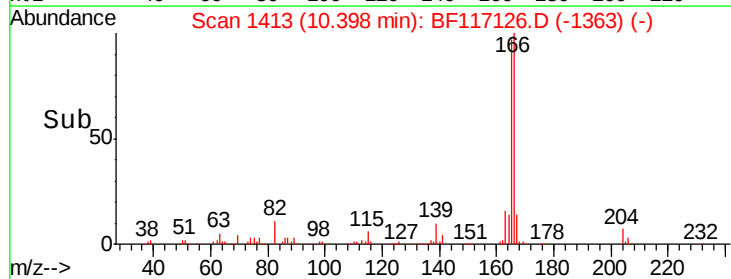
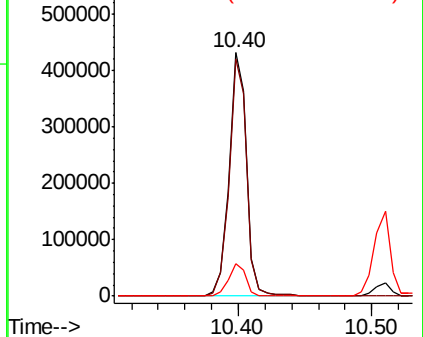


Abundance

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

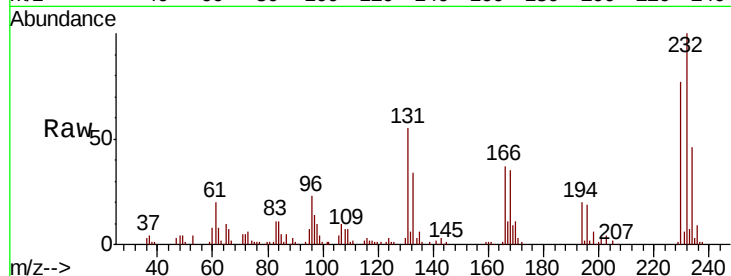




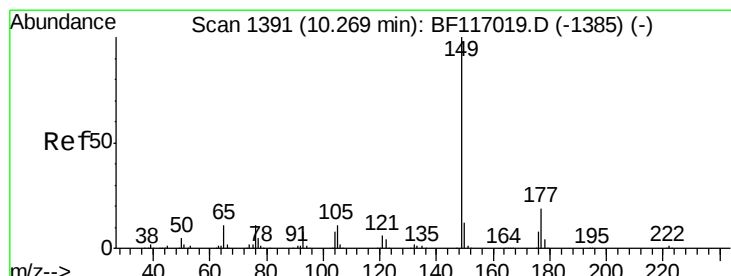
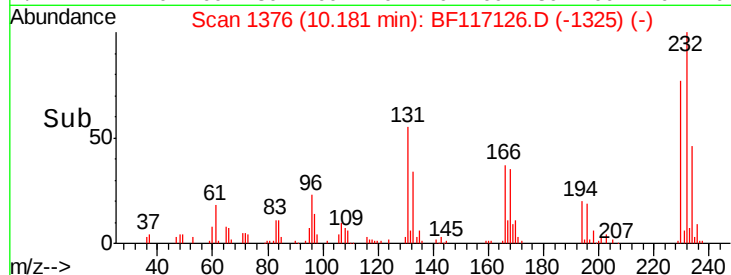
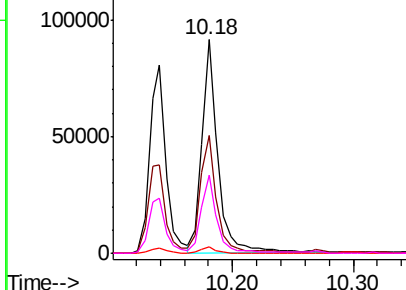
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.510 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 84094
 Ion Ratio Lower Upper
 232 100
 131 55.2 45.3 67.9
 130 2.7 1.8 2.8
 166 35.4 29.4 44.2

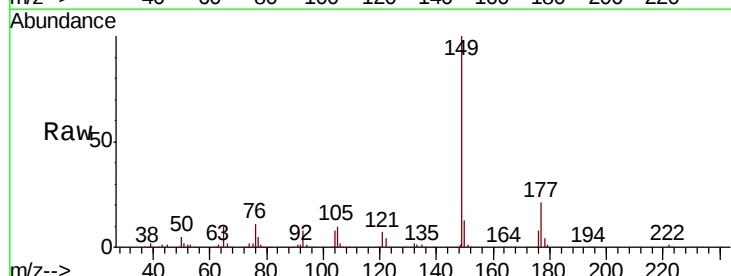


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

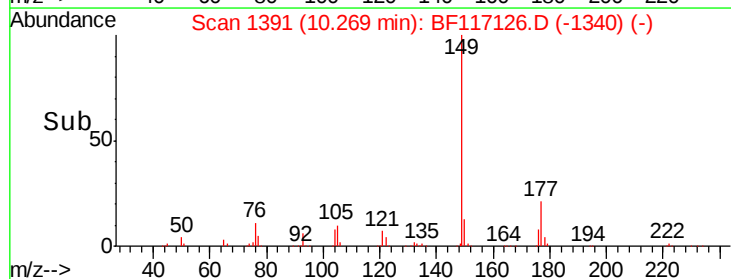
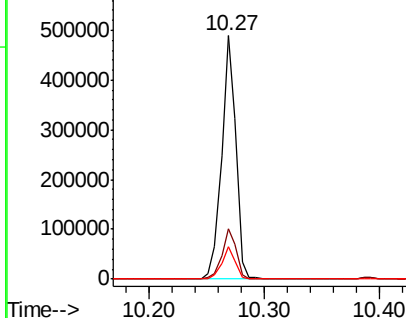


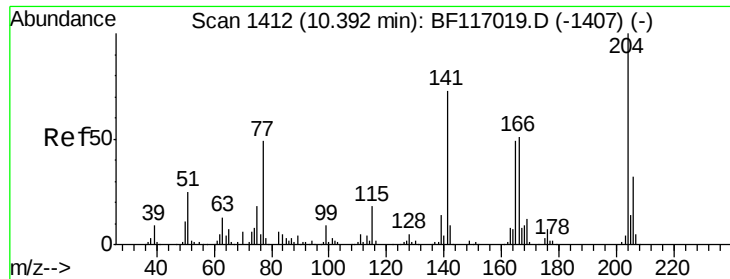
#60
 Diethylphthalate
 Concen: 43.533 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion:149 Resp: 418690
 Ion Ratio Lower Upper
 149 100
 177 20.6 15.2 22.8
 150 13.1 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

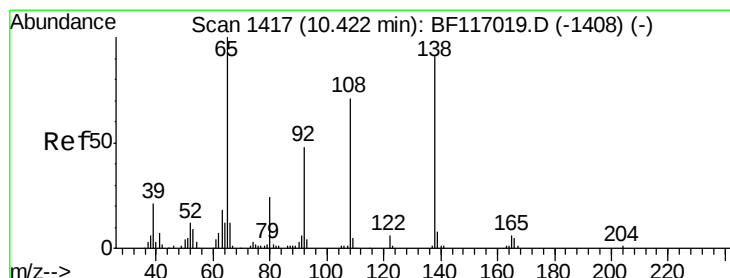
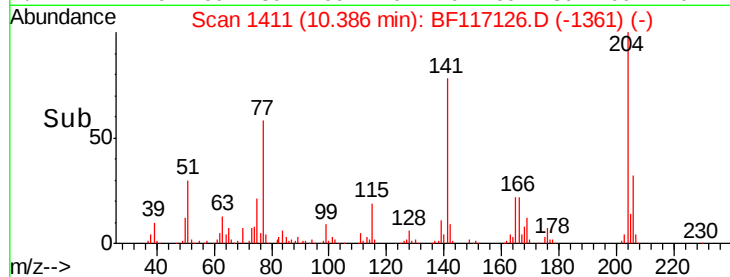
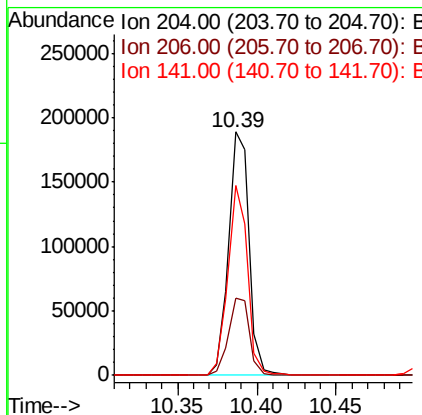
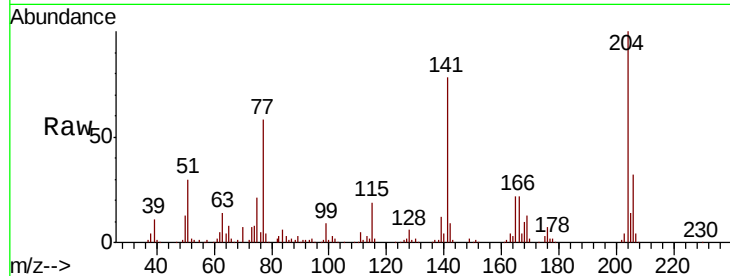




#61
 4-Chlorophenyl-phenylether
 Concen: 43.406 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

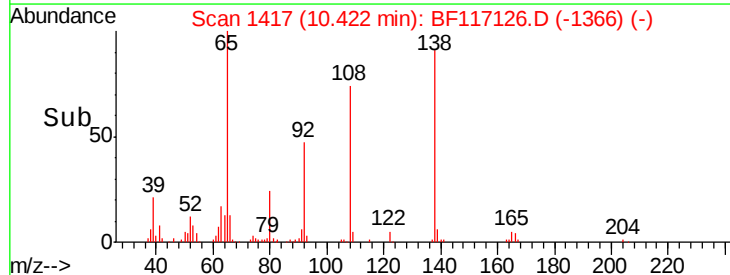
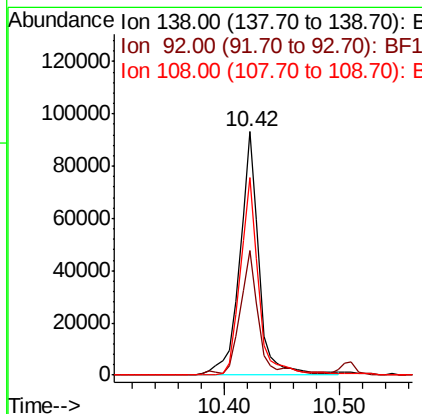
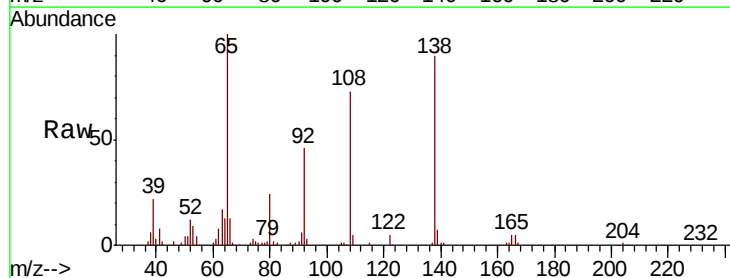
Instrument :
 BNA_F
 ClientSampleId :

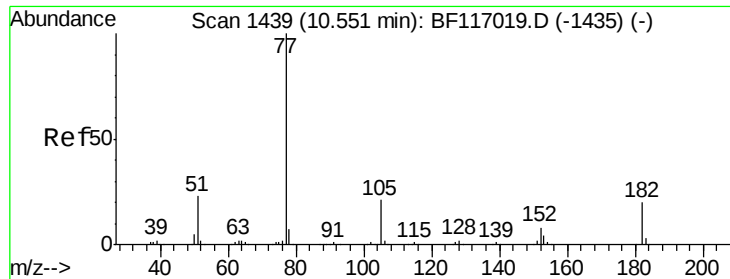
Tot Ion:	204	Resp:	169416
Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.0	39.0
141	77.9	58.2	87.2



#62
 4-Nitroaniline
 Concen: 41.056 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion:	138	Resp:	107259
Ion	Ratio	Lower	Upper
138	100		
92	51.3	32.9	72.9
108	81.1	58.3	98.3





#63

Azobenzene

Concen: 43.426 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 426577

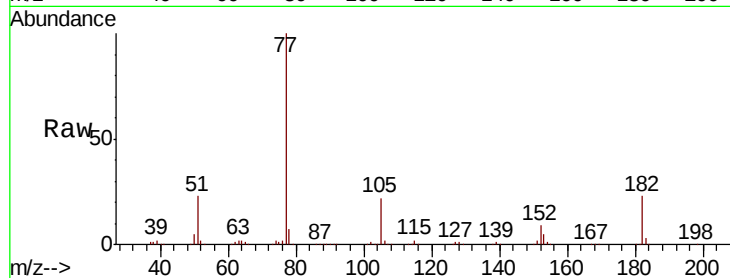
Ion Ratio Lower Upper

77 100

182 23.5 0.4 40.4

105 22.2 0.9 40.9

51 23.0 2.8 42.8

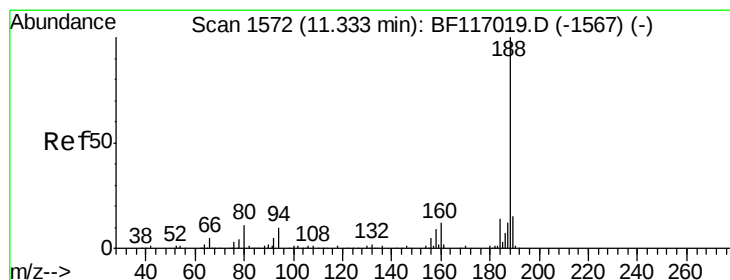
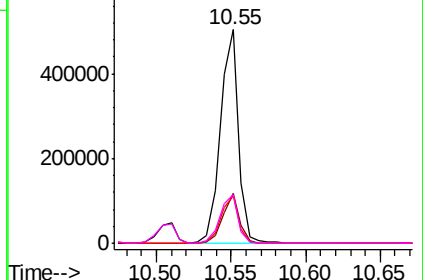
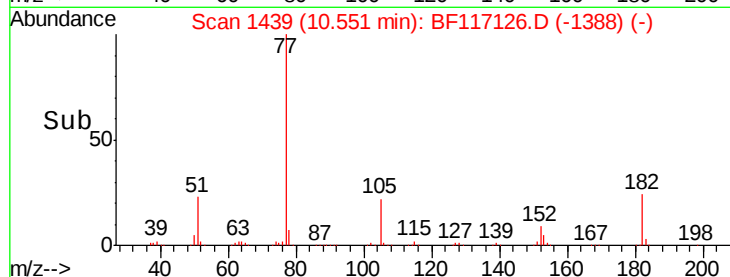


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF117126.D

Acq: 17 Sep 2019 23:56

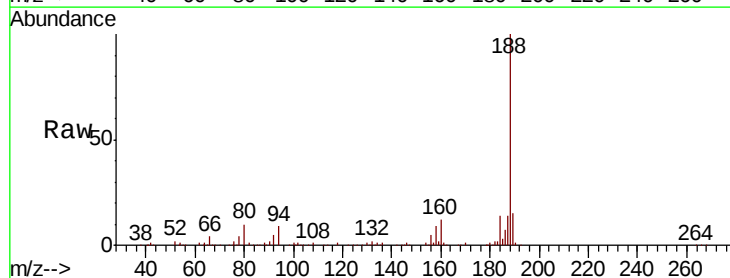
Tgt Ion: 188 Resp: 227954

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

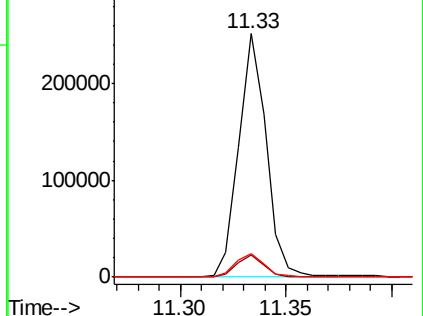
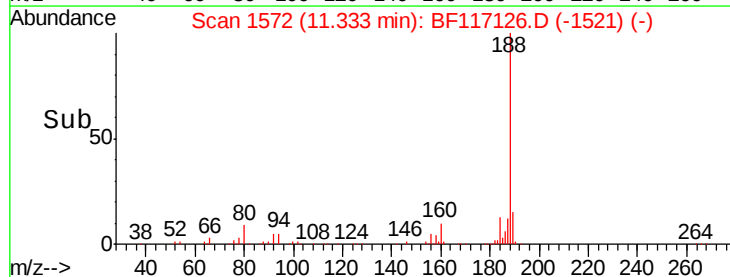
80 9.9 9.0 13.6



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

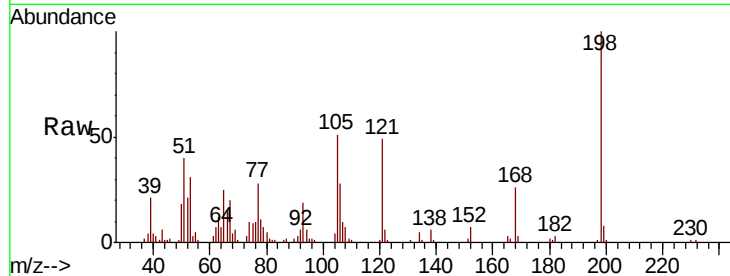




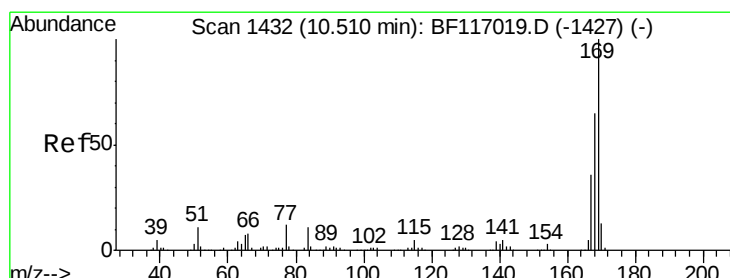
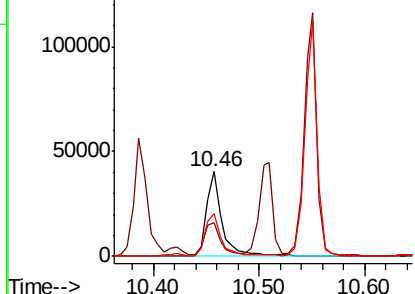
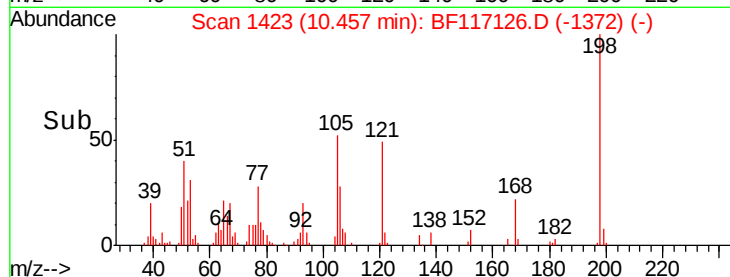
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.129 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 41520
 Ion Ratio Lower Upper
 198 100
 51 40.0 18.7 58.7
 105 51.0 30.2 70.2

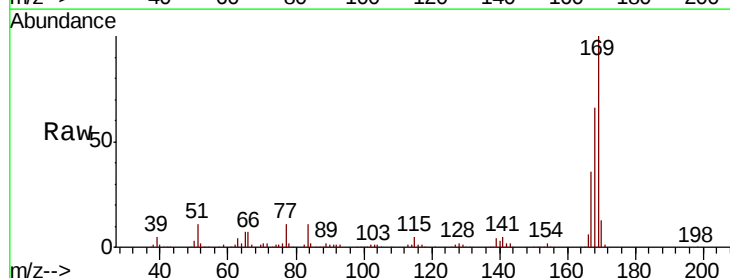


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

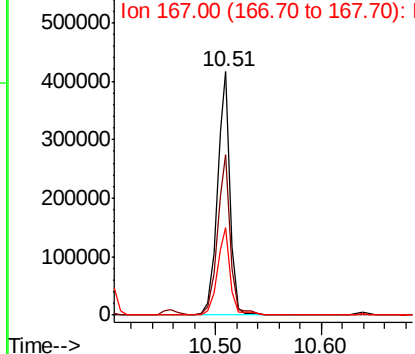
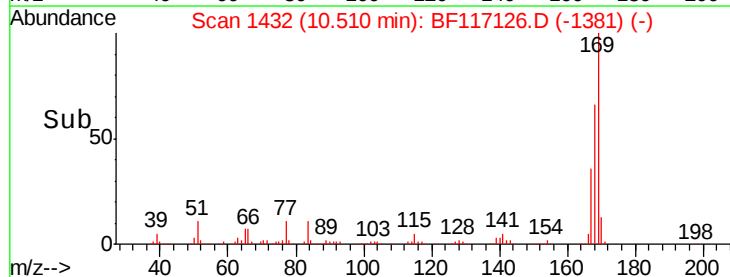


#66
 n-Nitrosodiphenylamine
 Concen: 44.929 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion:169 Resp: 353704
 Ion Ratio Lower Upper
 169 100
 168 65.9 52.2 78.2
 167 36.0 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

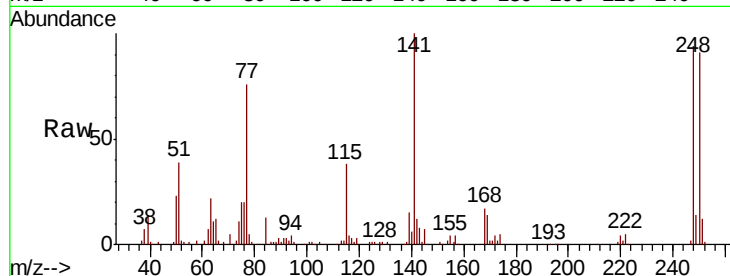




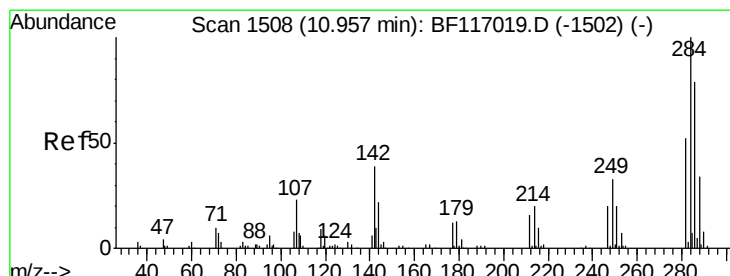
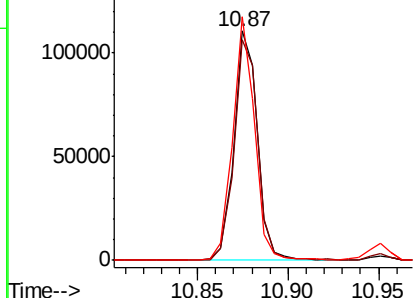
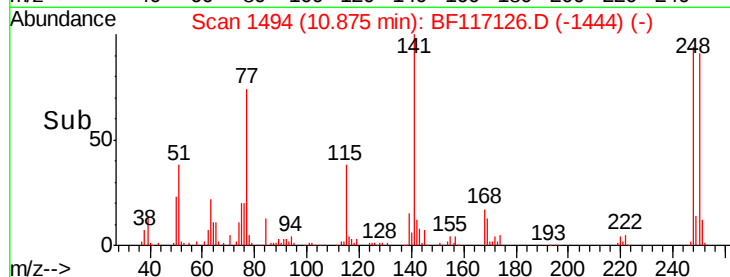
#67
4-Bromophenyl-phenylether
Concen: 42.535 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 99019
Ion Ratio Lower Upper
248 100
250 96.3 76.2 114.4
141 106.1 75.0 112.4

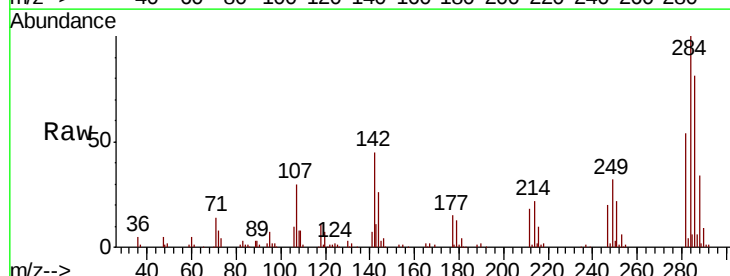


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

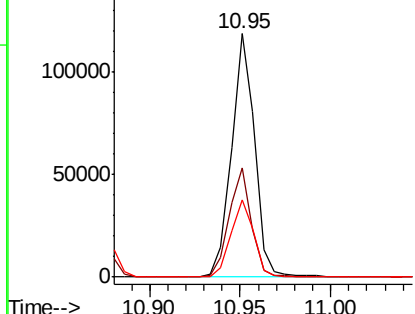
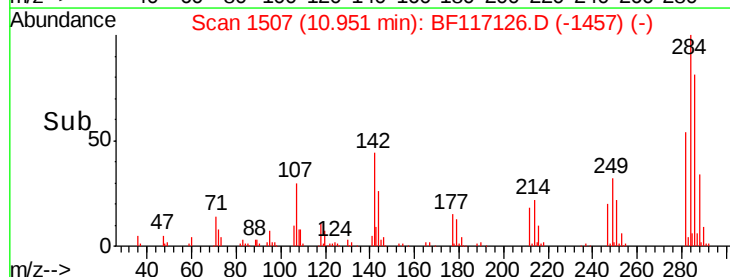


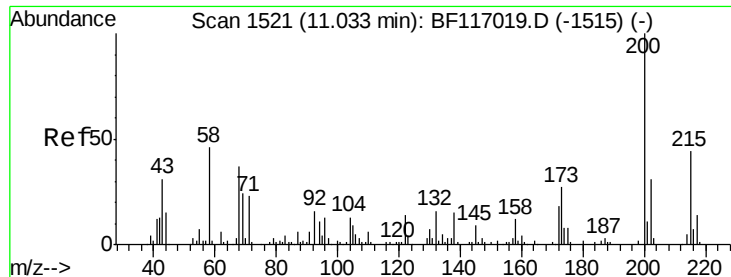
#68
Hexachlorobenzene
Concen: 41.309 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion:284 Resp: 105182
Ion Ratio Lower Upper
284 100
142 44.8 31.4 47.2
249 31.7 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

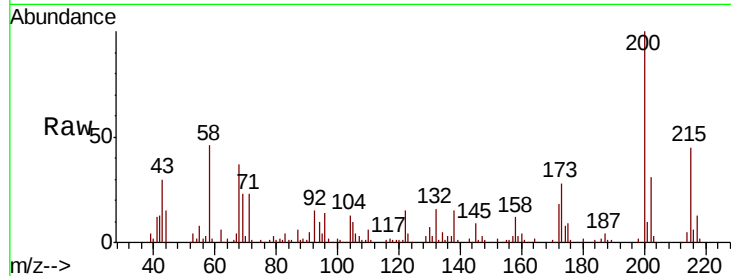




#69
 Atrazine
 Concen: 52.515 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	6.9	46.9
215	45.1	23.8	63.8

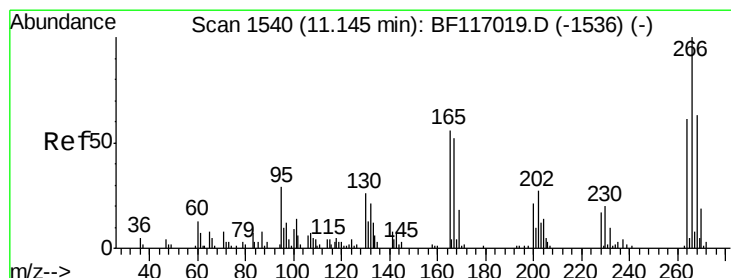
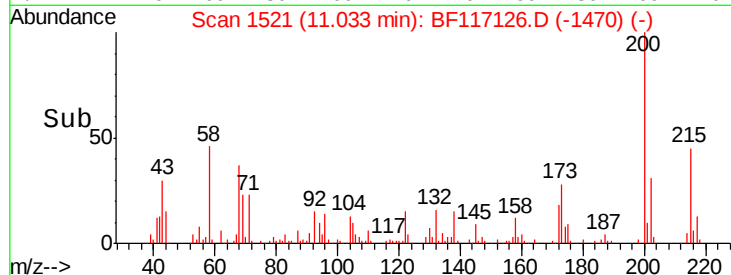
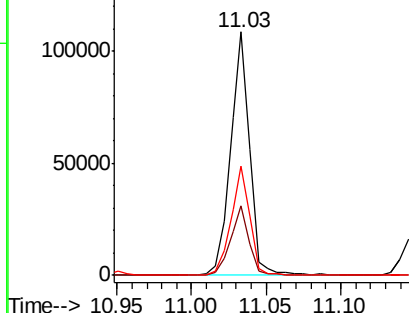


Abundance

Ion 200.00 (199.70 to 200.70): E

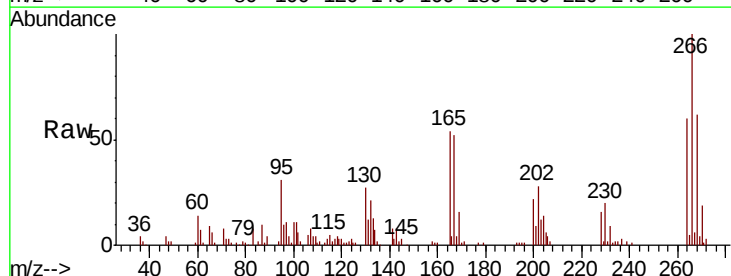
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 71.939 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	50.5	75.7
264	59.8	48.8	73.2

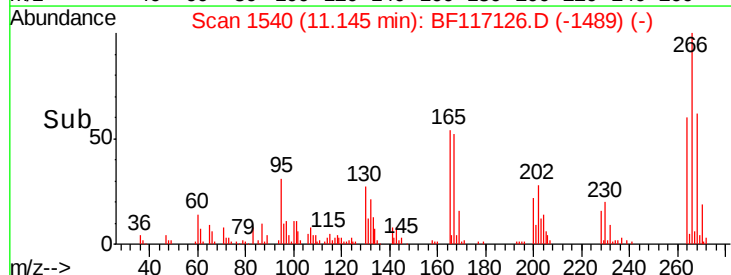
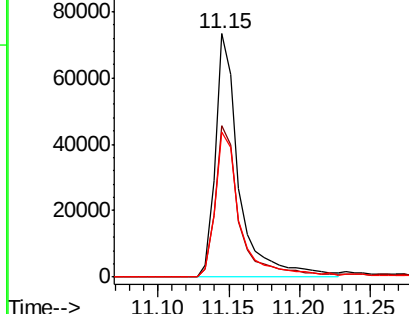


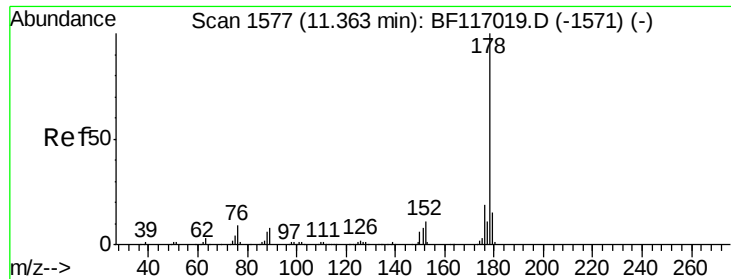
Abundance

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: 44.095 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampleId :

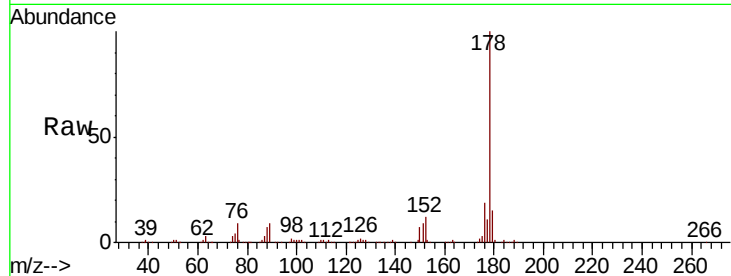
Tot Ion:178 Resp: 570923

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

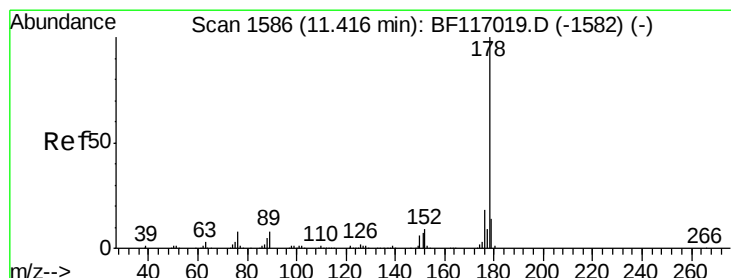
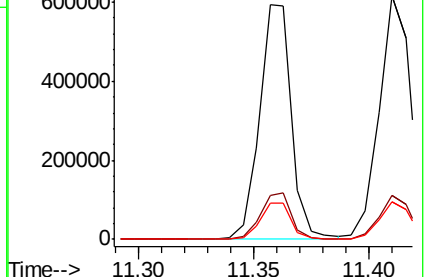
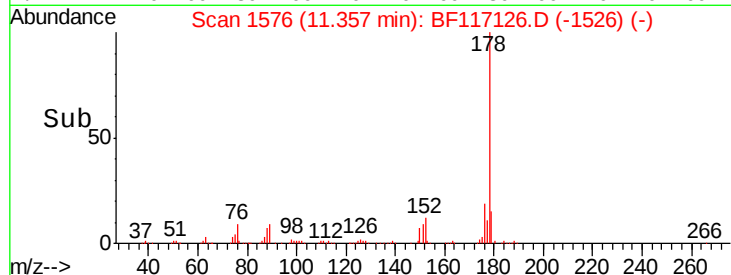
179 15.4 12.4 18.6



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: 45.710 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

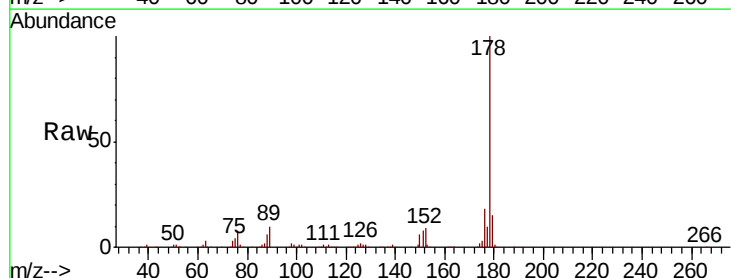
Tgt Ion:178 Resp: 604227

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

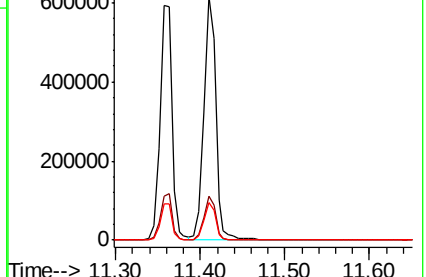
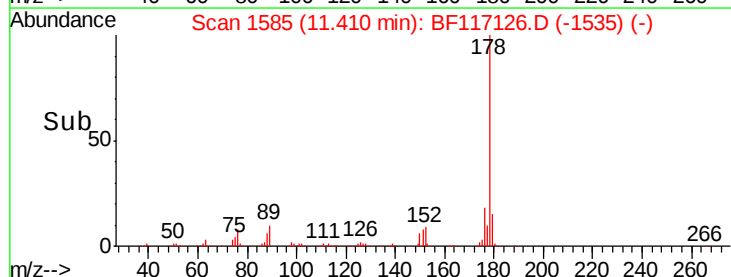
179 15.2 11.6 17.4



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

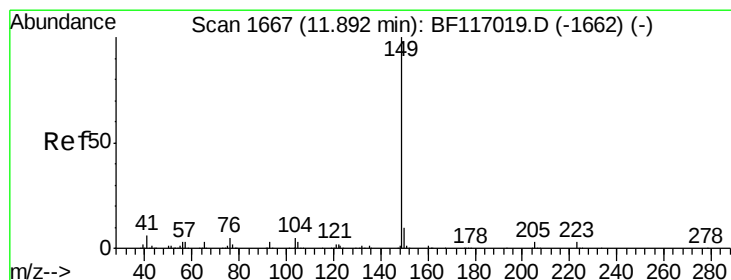
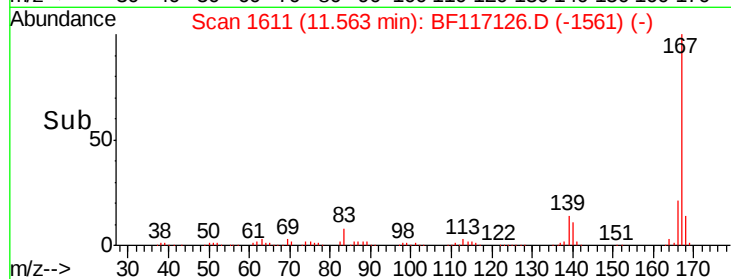
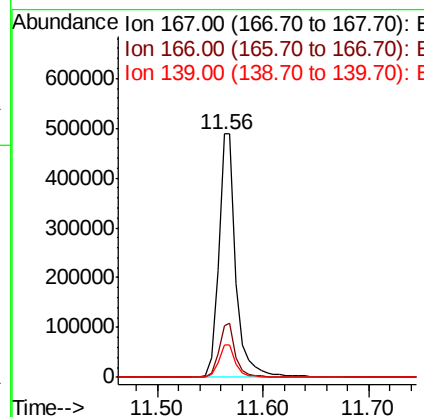
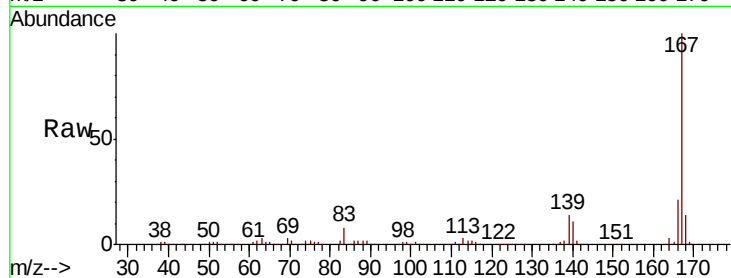




#73
 Carbazole
 Concen: 44.998 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

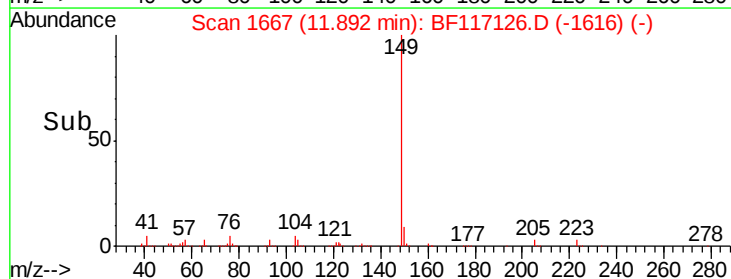
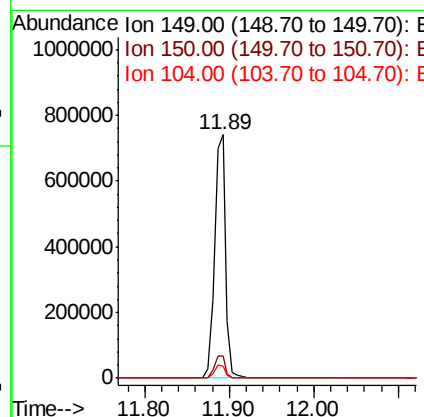
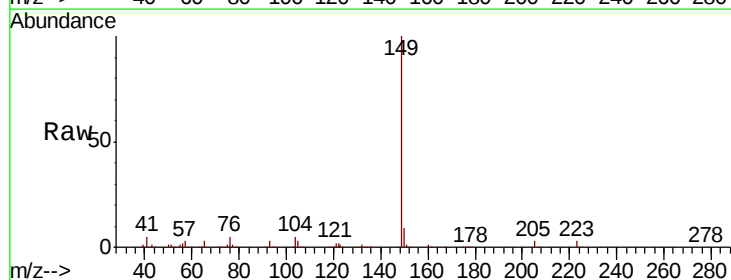
Instrument :
 BNA_F
 ClientSampleId :

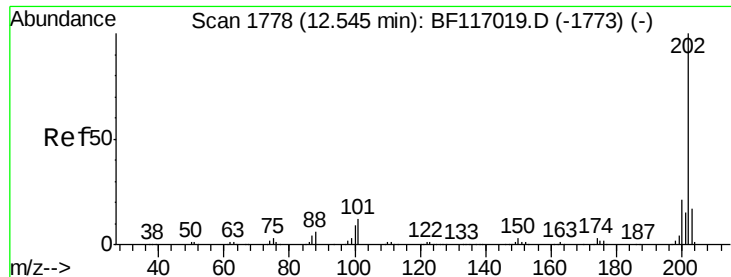
Tot Ion:167 Resp: 564597
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 13.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 45.701 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion:149 Resp: 682243
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.0 4.2 6.4

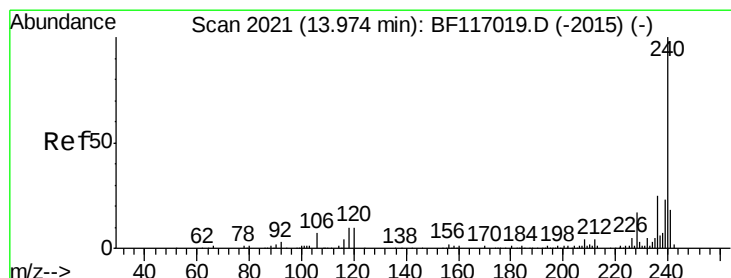
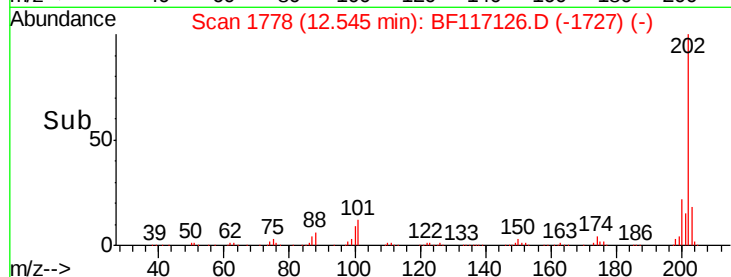
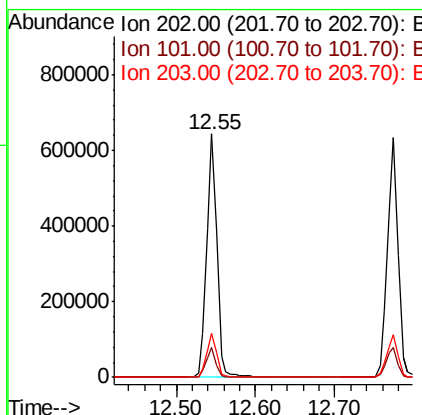
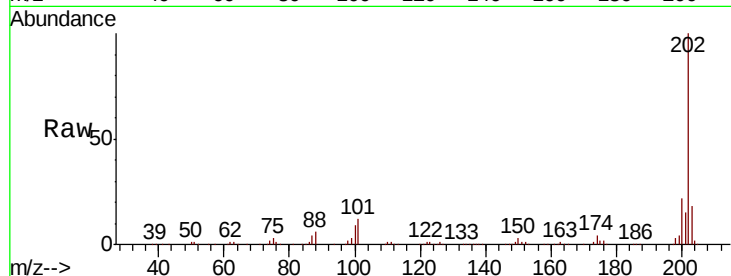




#75
 Fluoranthene
 Concen: 44.103 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

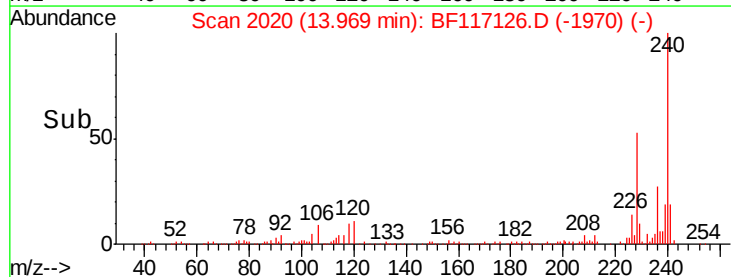
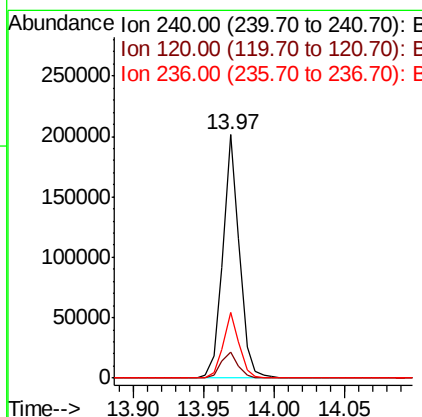
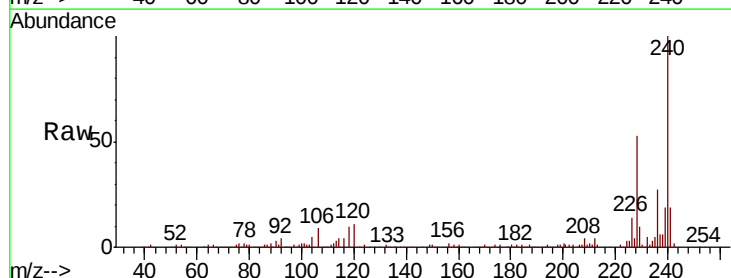
Instrument :
 BNA_F
 ClientSampleId :

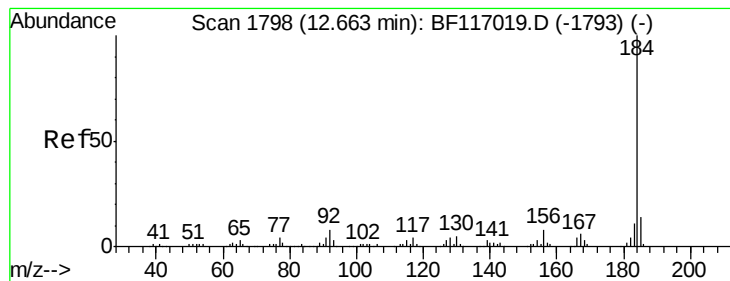
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.3
203	18.2	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	26.9	20.3	30.5





#77

Benzidine

Concen: 35.812 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampleId :

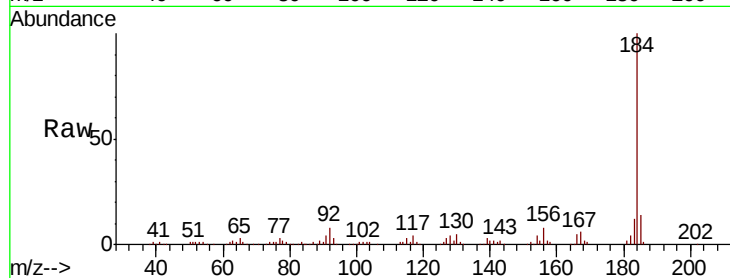
Tot Ion:184 Resp: 190541

Ion Ratio Lower Upper

184 100

185 13.7 11.6 17.4

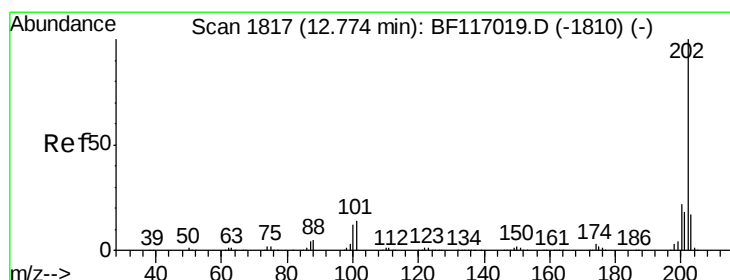
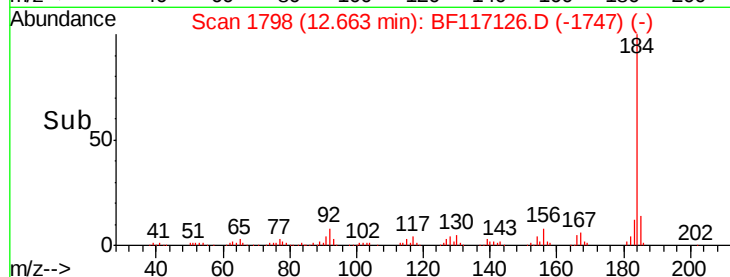
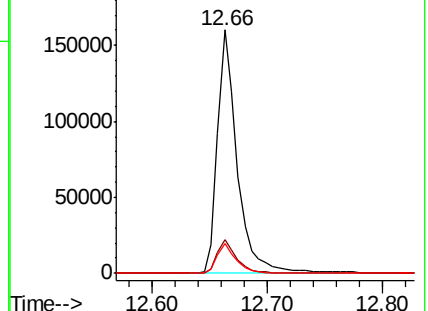
183 12.1 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.663 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

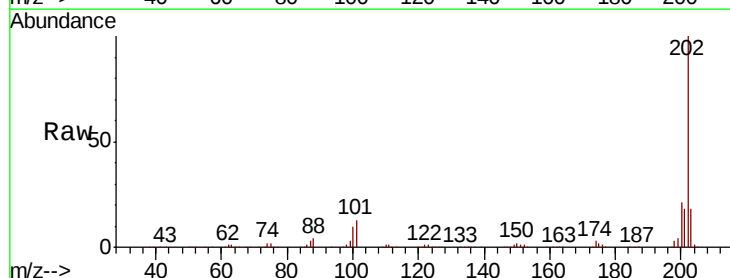
Tgt Ion:202 Resp: 605120

Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

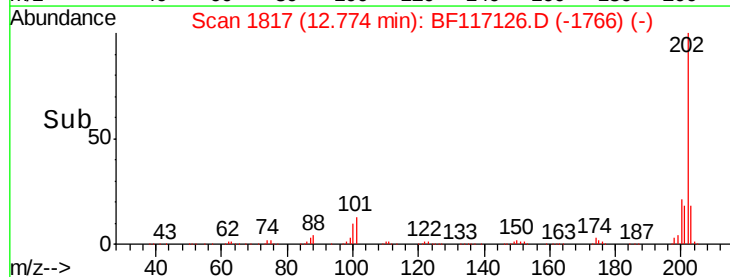
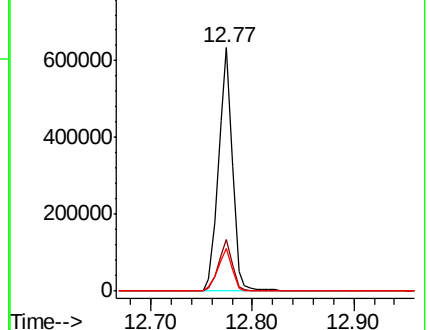
203 17.5 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

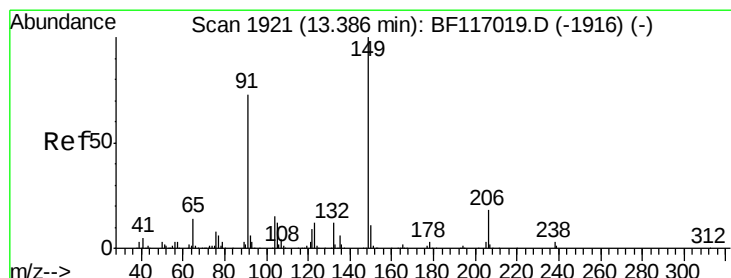
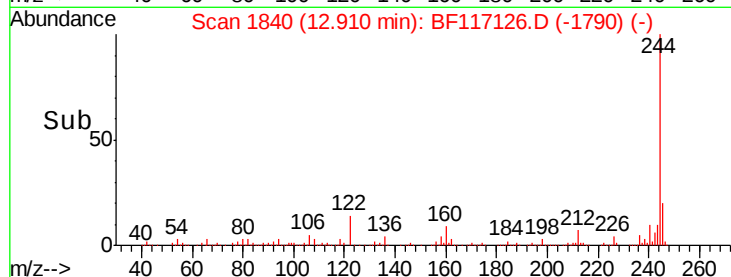
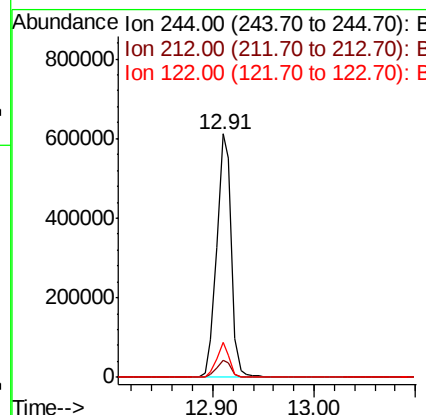
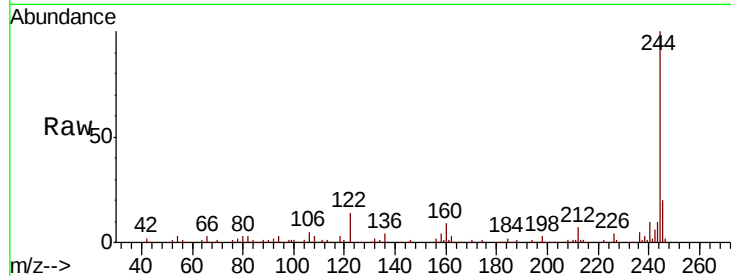




#79
 Terphenyl-d14
 Concen: 69.238 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

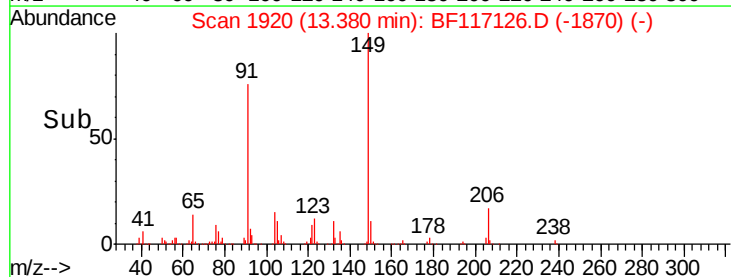
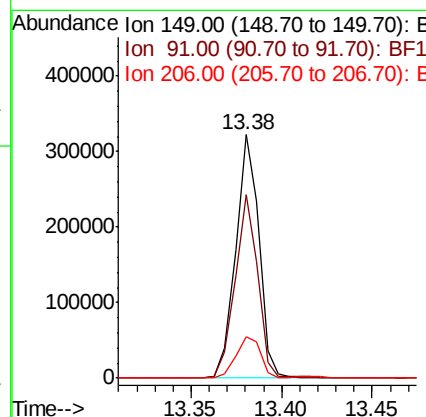
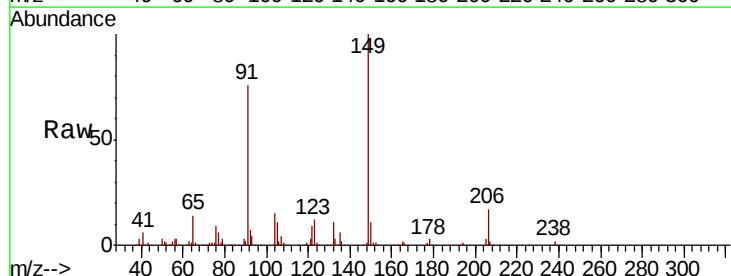
Instrument :
 BNA_F
 ClientSampleId :

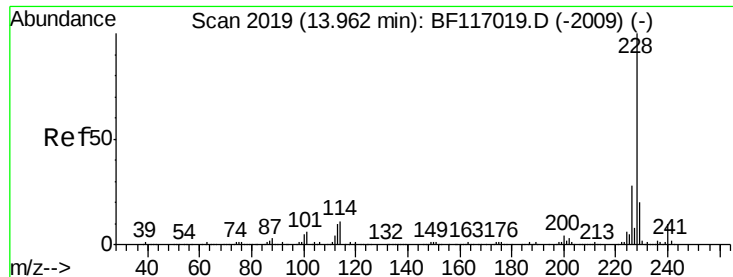
Tot Ion:244 Resp: 611806
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 14.2 11.3 16.9



#80
 Butylbenzylphthalate
 Concen: 44.135 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion:149 Resp: 289021
 Ion Ratio Lower Upper
 149 100
 91 75.5 58.8 88.2
 206 17.0 14.1 21.1





#81

Benzo(a)anthracene

Concen: 43.018 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampleId :

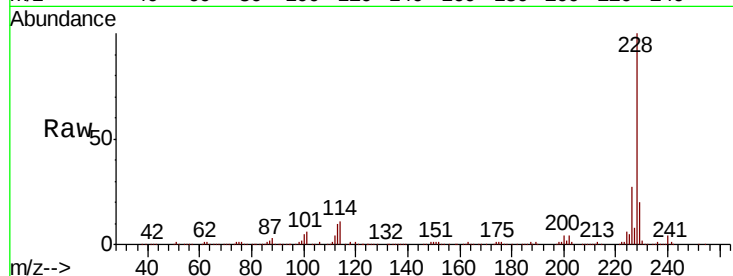
Tot Ion:228 Resp: 474713

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

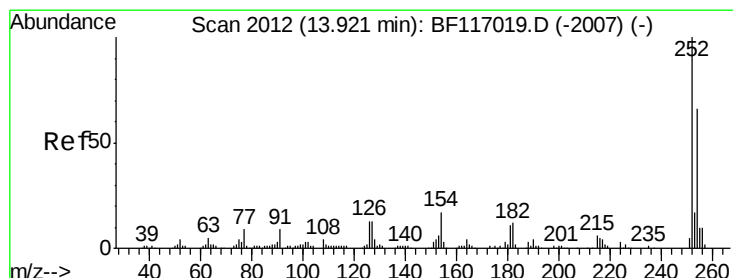
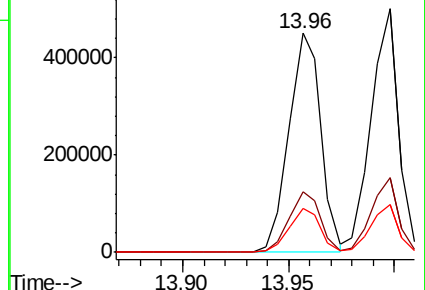
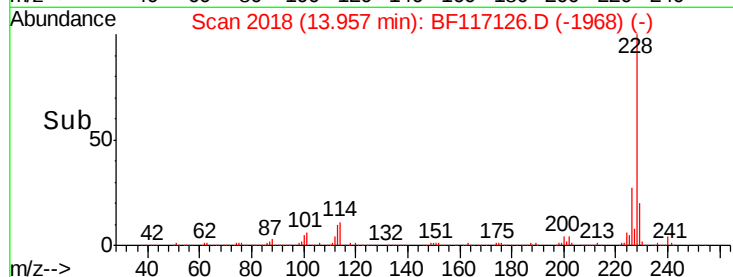
229 20.0 15.9 23.9



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: 21.900 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

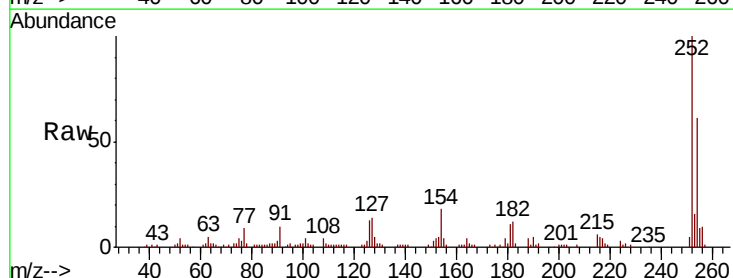
Tgt Ion:252 Resp: 77877

Ion Ratio Lower Upper

252 100

254 60.8 52.6 79.0

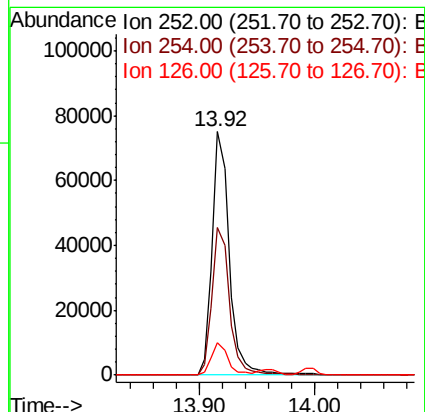
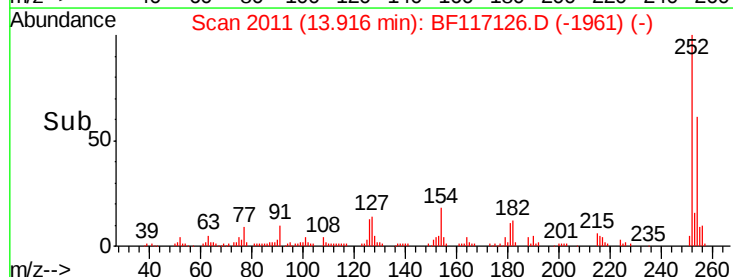
126 13.3 10.4 15.6

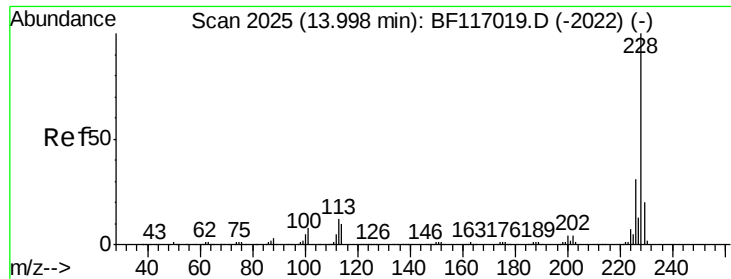


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

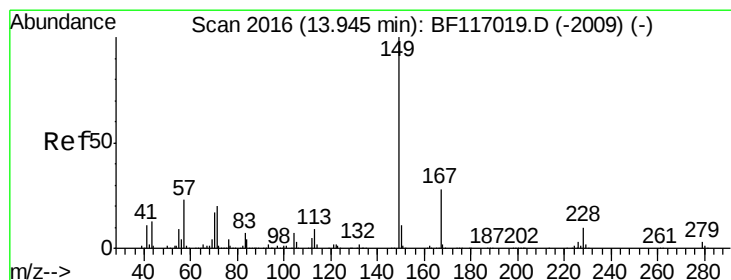
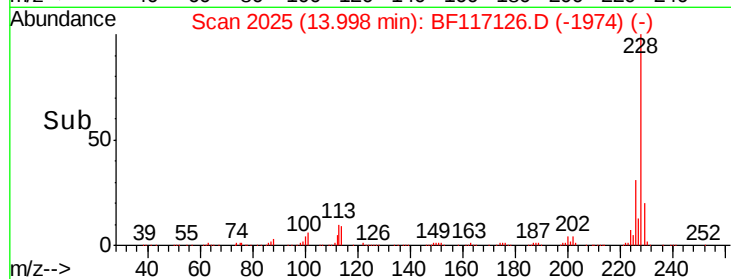
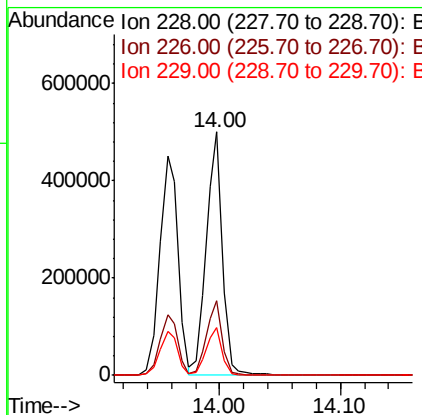
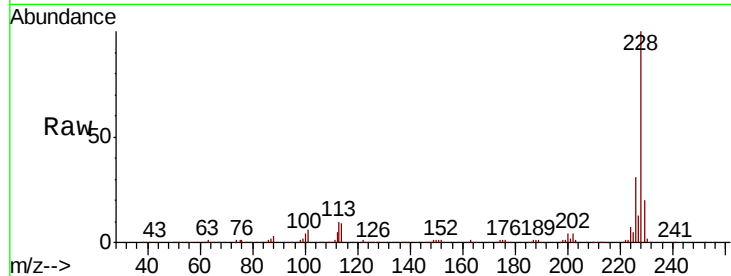




#83
Chrysene
Concen: 42.592 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

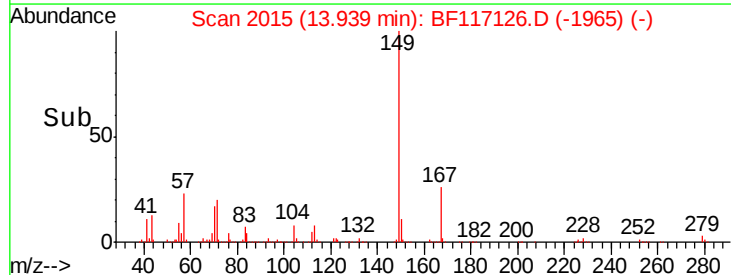
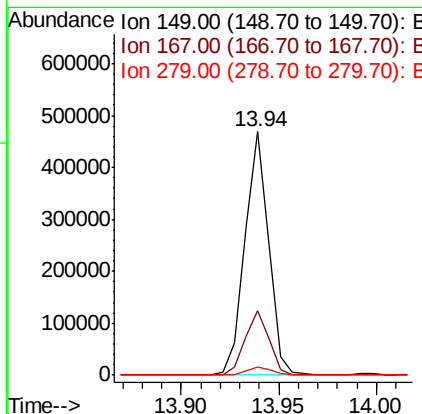
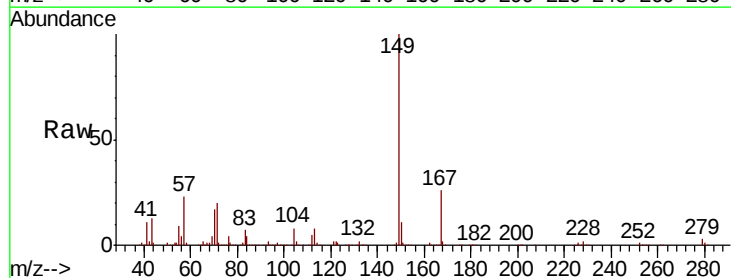
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	19.7	15.8	23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.785 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.2	33.2
279	3.2	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 48.854 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampleId :

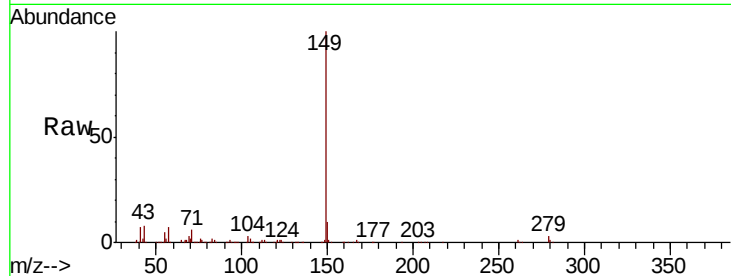
Tot Ion:149 Resp: 649234

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

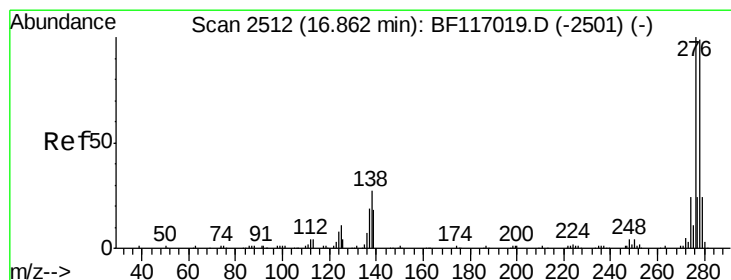
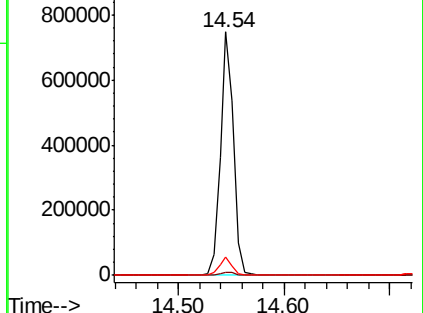
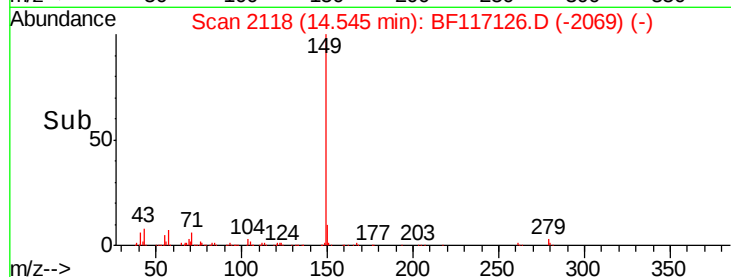
43 7.2 6.2 9.4



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: 48.835 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

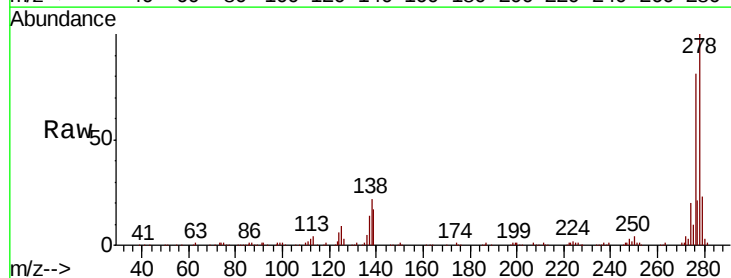
Tgt Ion:276 Resp: 383457

Ion Ratio Lower Upper

276 100

138 24.5 20.7 31.1

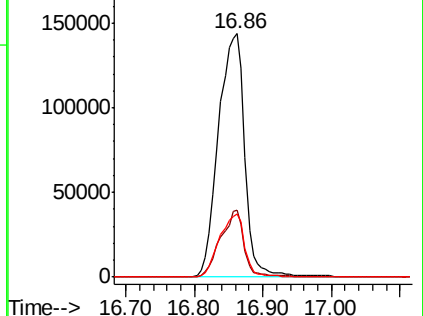
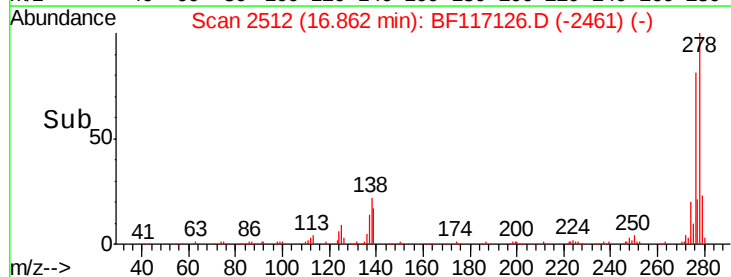
277 24.9 19.8 29.8

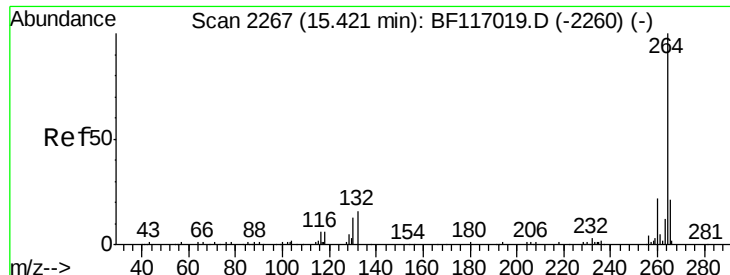


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



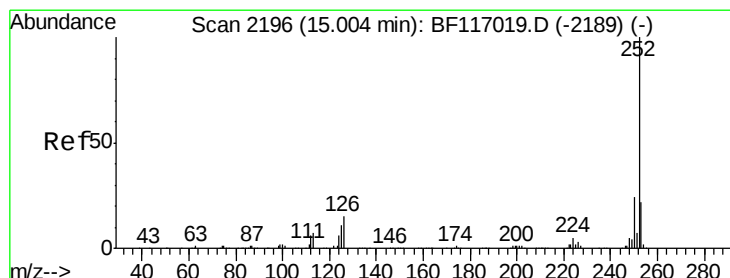
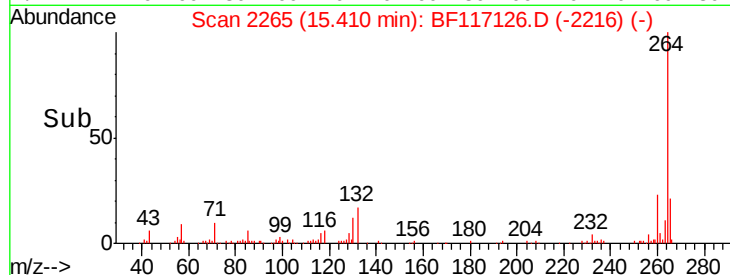
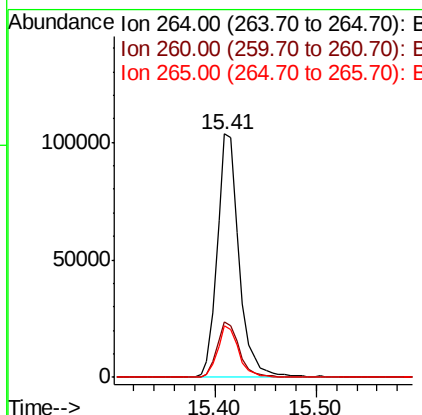
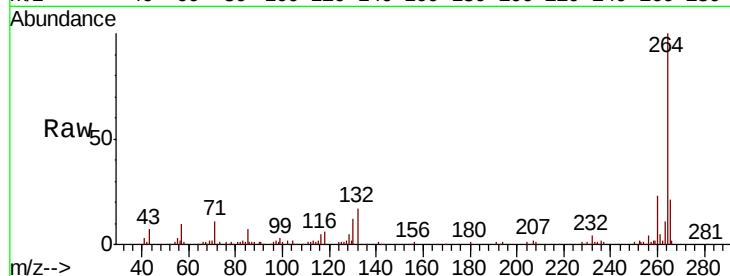


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 154679

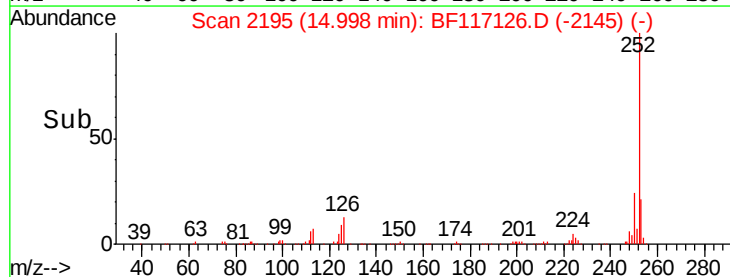
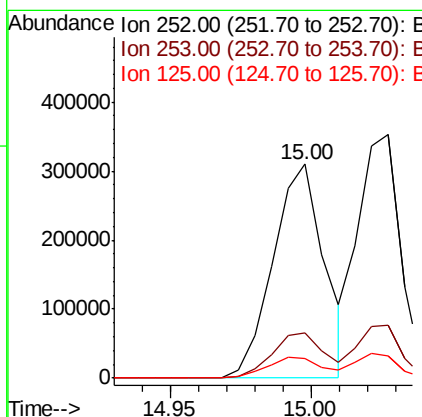
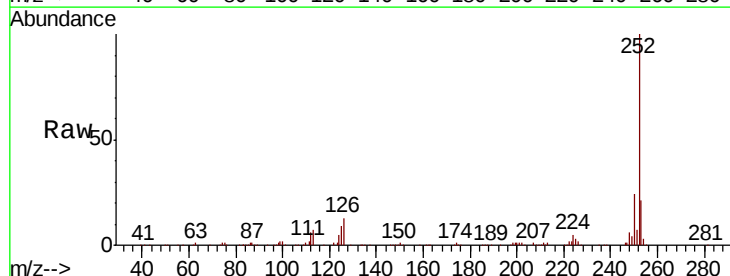
Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.6	26.4
265	21.0	16.6	24.8



#88
Benzo(b)fluoranthene
Concen: 41.666 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion:252 Resp: 390389

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	9.3	8.6	12.8

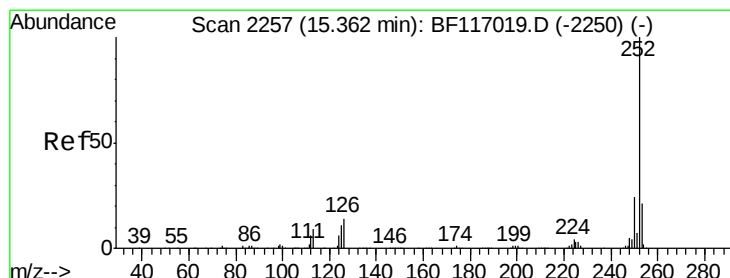
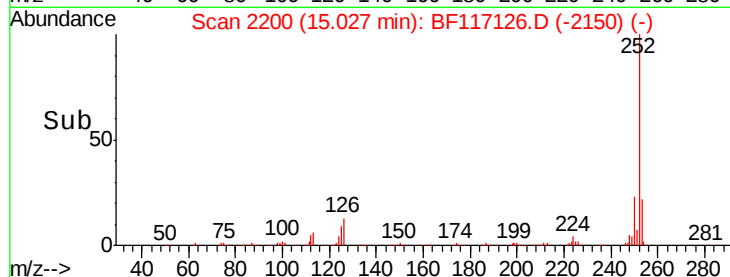
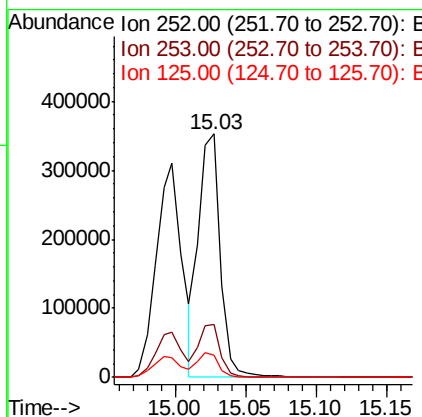
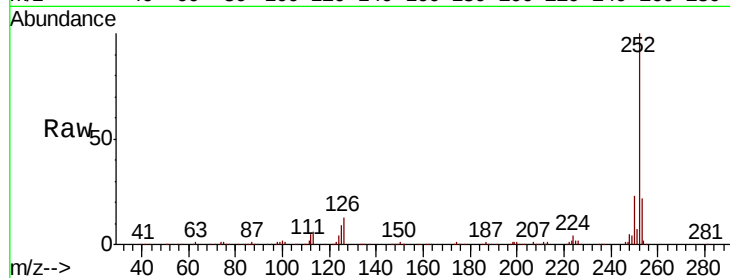




#89
Benzo(k)fluoranthene
Concen: 42.399 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

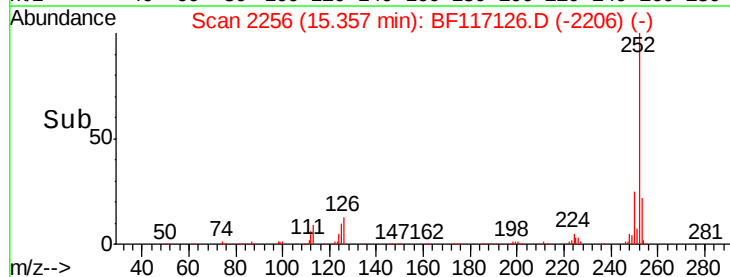
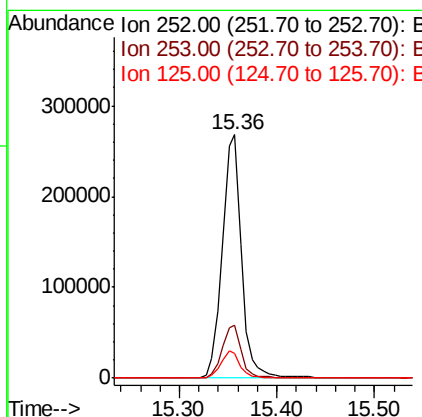
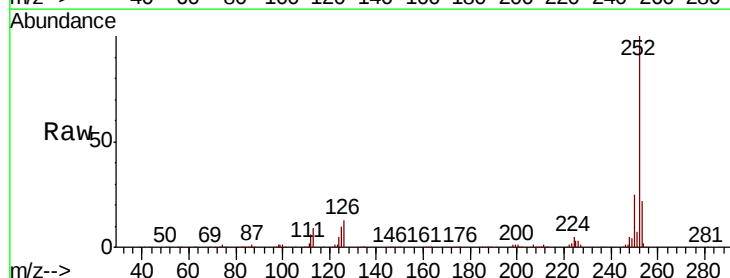
Instrument :
BNA_F
ClientSampleId :

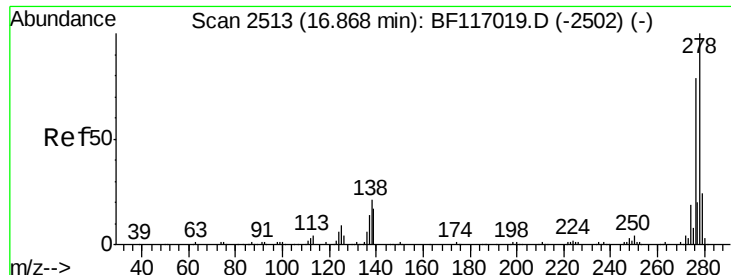
Tot Ion:252 Resp: 376313
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.0 8.8 13.2



#90
Benzo(a)pyrene
Concen: 44.666 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion:252 Resp: 367236
Ion Ratio Lower Upper
252 100
253 21.7 16.6 25.0
125 10.0 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 48.856 ng

RT: 16.86 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampleId :

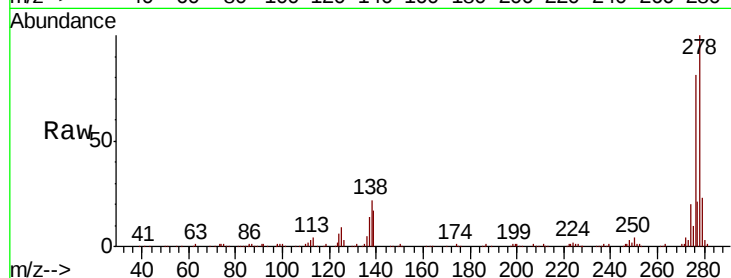
Tot Ion:278 Resp: 319998

Ion Ratio Lower Upper

278 100

139 16.7 13.5 20.3

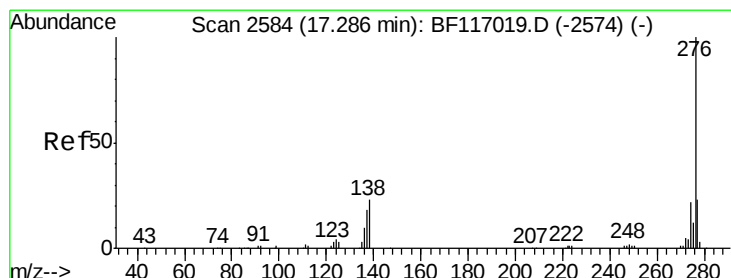
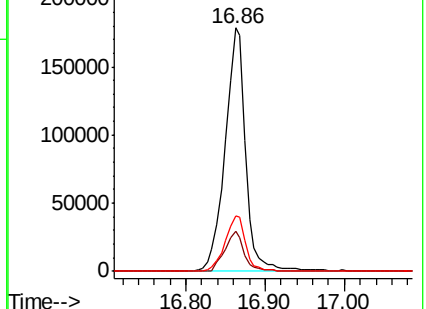
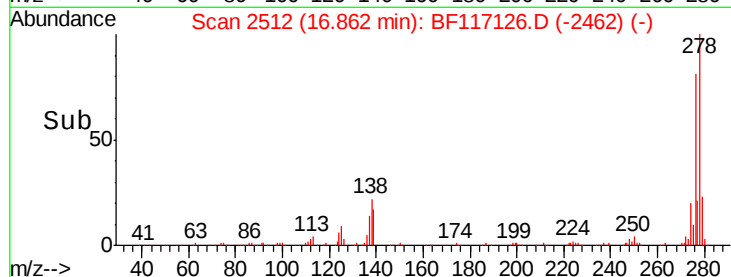
279 22.9 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.171 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

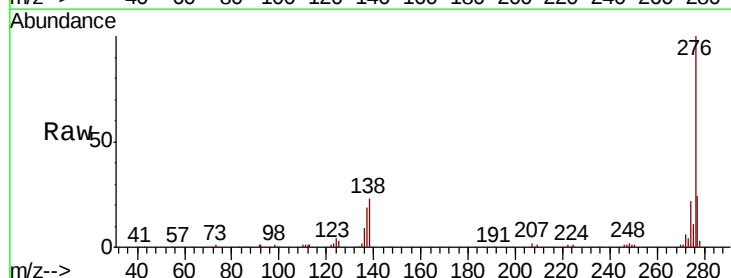
Tgt Ion:276 Resp: 314407

Ion Ratio Lower Upper

276 100

277 23.5 18.6 27.8

138 22.8 18.0 27.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

