

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118225.D
 Acq On : 17 Dec 2019 14:26
 Operator : JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 04:58:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	160544	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	620053	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	326143	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	598814	20.00	ng	0.00
76) Chrysene-d12	14.06	240	384387	20.00	ng	-0.01
87) Perylene-d12	15.54	264	334723	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	724076	78.99	ng	0.00
7) Phenol-d6	6.50	99	888829	80.17	ng	0.00
23) Nitrobenzene-d5	7.43	82	851679	77.27	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	304266	76.80	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1715551	80.04	ng	-0.01
79) Terphenyl-d14	13.00	244	1815726	81.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	149415	38.659	ng	99
3) Pyridine	3.38	79	386061	38.716	ng	99
4) n-Nitrosodimethylamine	3.35	42	168704	39.328	ng	98
6) Aniline	6.53	93	559019	39.417	ng	99
8) 2-Chlorophenol	6.65	128	407922	39.467	ng	99
9) Benzaldehyde	6.41	77	220132	37.493	ng	96
10) Phenol	6.51	94	499233	39.484	ng	88
11) bis(2-Chloroethyl)ether	6.60	93	365370	39.955	ng	95
12) 1,3-Dichlorobenzene	6.80	146	475397	39.374	ng	98
13) 1,4-Dichlorobenzene	6.88	146	479212	39.415	ng	99
14) 1,2-Dichlorobenzene	7.03	146	454032	39.766	ng	97
15) Benzyl Alcohol	7.01	79	348376	40.254	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	428490	38.971	ng	91
17) 2-Methylphenol	7.12	107	328577	39.970	ng	98
18) Hexachloroethane	7.37	117	177991	39.731	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	269811	40.049	ng	98
20) 3+4-Methylphenols	7.27	107	425436	41.202	ng	93
22) Acetophenone	7.27	105	587786	39.458	ng	99
24) Nitrobenzene	7.45	77	414355	38.265	ng	100
25) Isophorone	7.69	82	711771	38.095	ng	100
26) 2-Nitrophenol	7.76	139	226148	39.073	ng	92
27) 2,4-Dimethylphenol	7.80	122	297877	38.584	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	468689	38.390	ng	100
29) 2,4-Dichlorophenol	8.01	162	349187	38.798	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	413907	39.352	ng	96
31) Naphthalene	8.17	128	1219076	39.148	ng	99
32) Benzoic acid	7.95	122	265059	38.025	ng	96
33) 4-Chloroaniline	8.22	127	509953	37.926	ng	98
34) Hexachlorobutadiene	8.29	225	246689	39.113	ng	99
35) Caprolactam	8.60	113	103249	37.200	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	365941	38.637	ng	98
37) 2-Methylnaphthalene	8.86	142	828663	39.306	ng	98
38) 1-Methylnaphthalene	8.96	142	773815	39.091	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	382830	38.748	ng	100

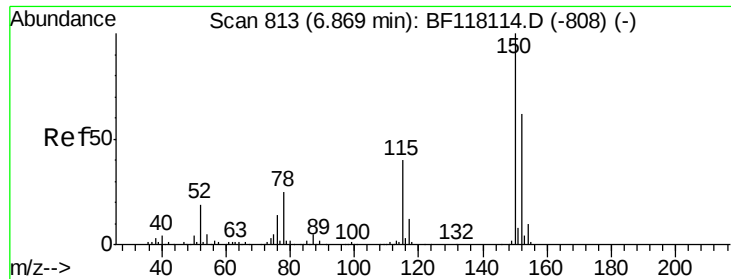
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	177972	40.204	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	256659	38.907	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	256951	37.596	ng	95
46) 1,1'-Biphenyl	9.33	154	1007640	39.173	ng	99
47) 2-Chloronaphthalene	9.36	162	807692	39.035	ng	97
48) 2-Nitroaniline	9.46	65	224847	38.106	ng	98
49) Acenaphthylene	9.77	152	1180014	38.666	ng	100
50) Dimethylphthalate	9.63	163	935124	38.817	ng	99
51) 2,6-Dinitrotoluene	9.70	165	200310	38.240	ng	99
52) Acenaphthene	9.95	154	715092	38.389	ng	99
53) 3-Nitroaniline	9.87	138	228924	37.135	ng	92
54) 2,4-Dinitrophenol	9.98	184	107488	41.244	ng	93
55) Dibenzofuran	10.12	168	1064116	38.987	ng	98
56) 4-Nitrophenol	10.03	139	146890	34.334	ng	99
57) 2,4-Dinitrotoluene	10.10	165	269328	38.521	ng	97
58) Fluorene	10.46	166	849472	39.163	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	212501	37.687	ng	99
60) Diethylphthalate	10.33	149	921238	38.813	ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	425140	38.954	ng	93
62) 4-Nitroaniline	10.49	138	239919	37.315	ng	97
63) Azobenzene	10.62	77	783457	38.667	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	122159	36.940	ng	89
66) n-Nitrosodiphenylamine	10.57	169	733759	39.239	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	269714	39.457	ng	93
68) Hexachlorobenzene	11.02	284	315336	39.194	ng	97
69) Atrazine	11.10	200	218821	43.307	ng	98
70) Pentachlorophenol	11.21	266	138306	36.554	ng	98
71) Phenanthrene	11.43	178	1226770	38.539	ng	100
72) Anthracene	11.49	178	1249160	39.337	ng	99
73) Carbazole	11.64	167	1078500	37.854	ng	99
74) Di-n-butylphthalate	11.96	149	1403029	39.348	ng	99
75) Fluoranthene	12.63	202	1213404	37.283	ng	99
77) Benzidine	12.74	184	386062	38.152	ng	99
78) Pyrene	12.86	202	1200044	39.617	ng	99
80) Butylbenzylphthalate	13.47	149	552310	40.260	ng	98
81) Benzo(a)anthracene	14.05	228	1019740	38.366	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	334592	38.330	ng	99
83) Chrysene	14.09	228	961014	37.851	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	735592	40.665	ng	99
85) Di-n-octyl phthalate	14.64	149	1069163	39.017	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	816550	38.223	ng	99
88) Benzo(b)fluoranthene	15.11	252	804266	36.331	ng	99
89) Benzo(k)fluoranthene	15.11	252	804266	37.818	ng	98
90) Benzo(a)pyrene	15.49	252	740885	37.894	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	677111	40.377	ng	99
92) Benzo(g,h,i)perylene	17.52	276	659239	40.910	ng	99

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

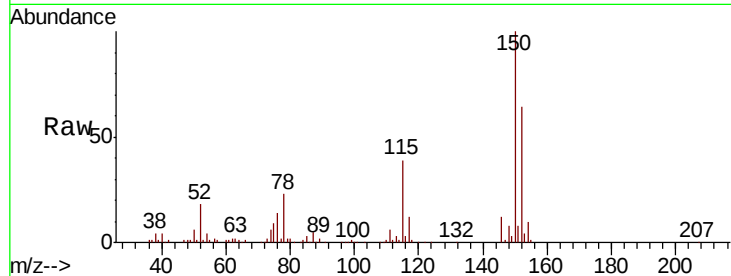


#1

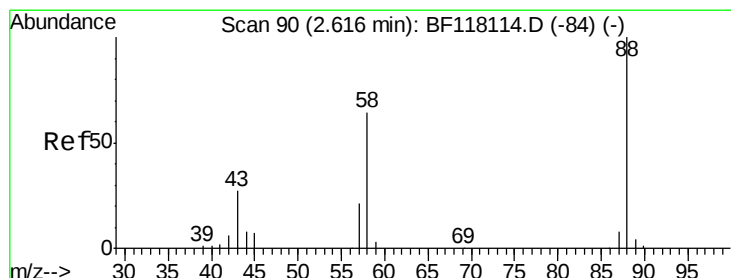
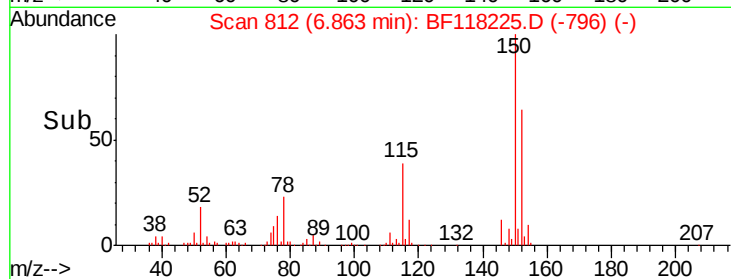
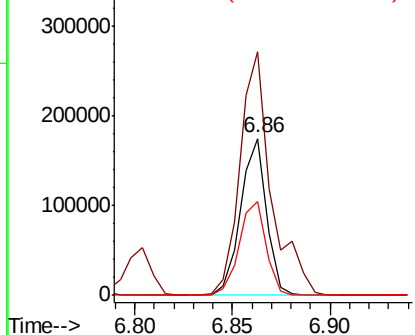
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160544
Ion Ratio Lower Upper
152 100
150 155.1 128.3 192.5
115 59.9 51.1 76.7



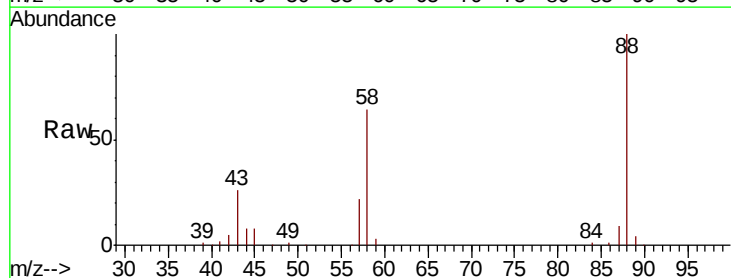
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



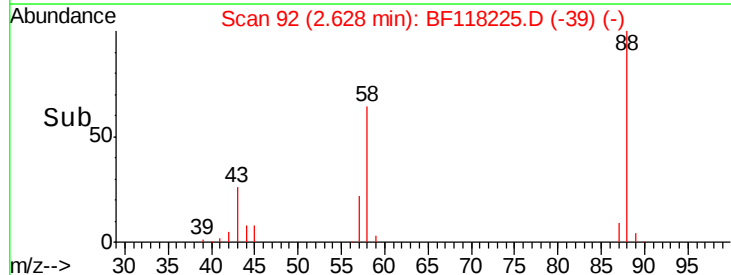
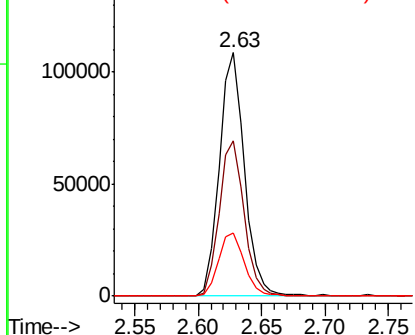
#2

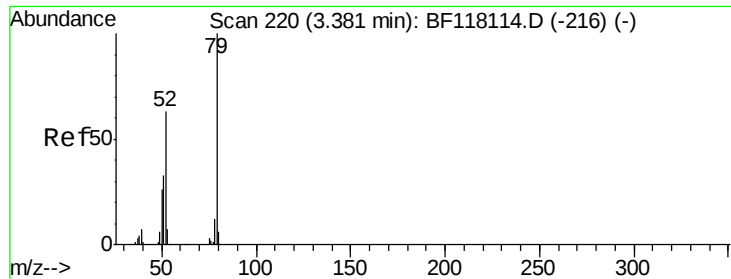
1,4-Dioxane
Concen: 38.659 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion: 88 Resp: 149415
Ion Ratio Lower Upper
88 100
58 63.7 52.2 78.4
43 26.7 21.4 32.2



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: 38.716 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.00 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampleId :

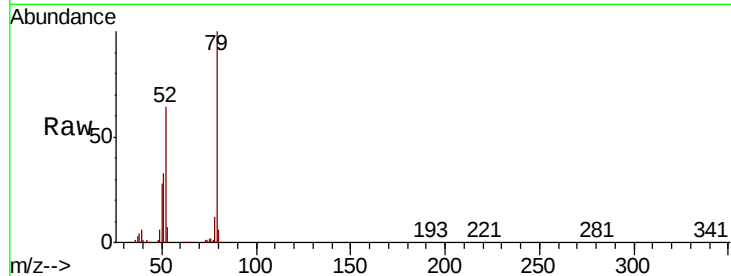
Tot Ion: 79 Resp: 386061

Ion Ratio Lower Upper

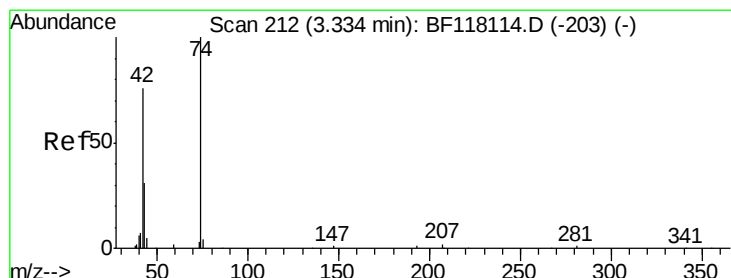
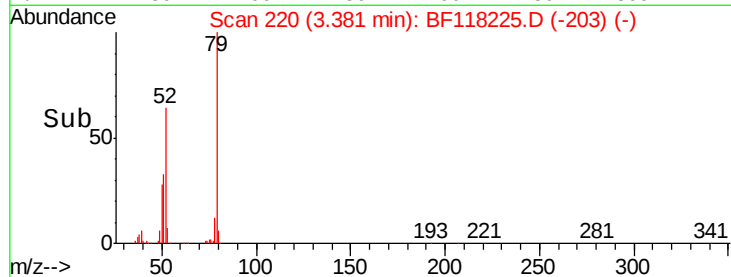
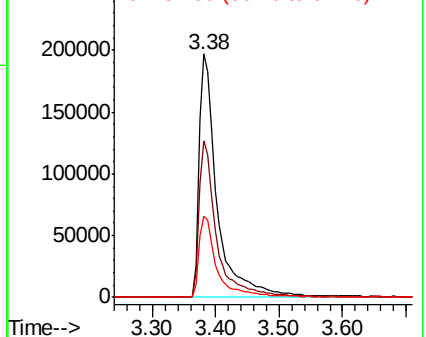
79 100

52 64.1 50.7 76.1

51 33.4 26.4 39.6



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: 39.328 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

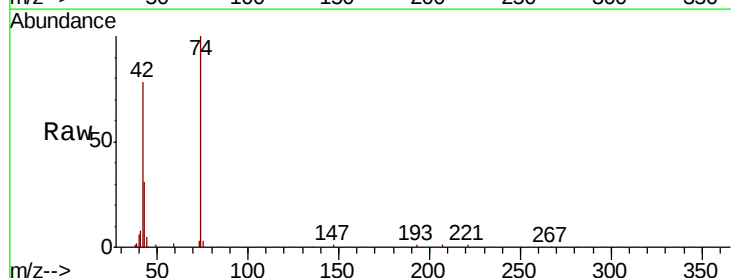
Tgt Ion: 42 Resp: 168704

Ion Ratio Lower Upper

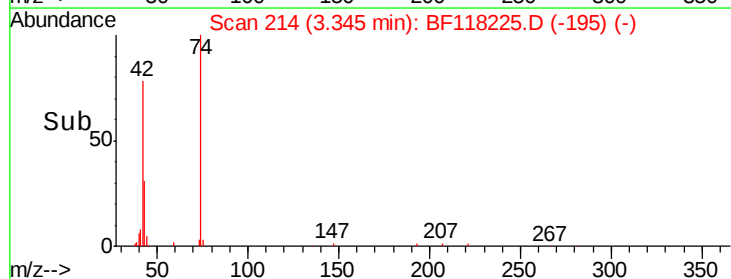
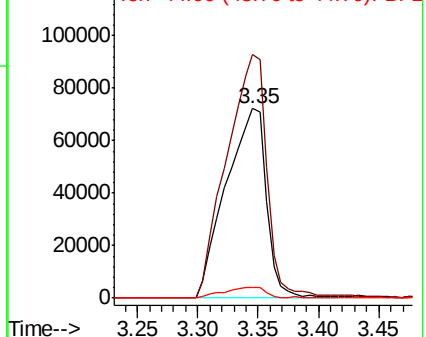
42 100

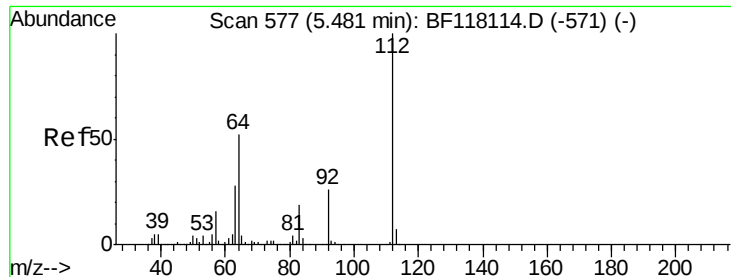
74 128.3 104.6 157.0

44 5.9 5.1 7.7



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: 78.994 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampleId :

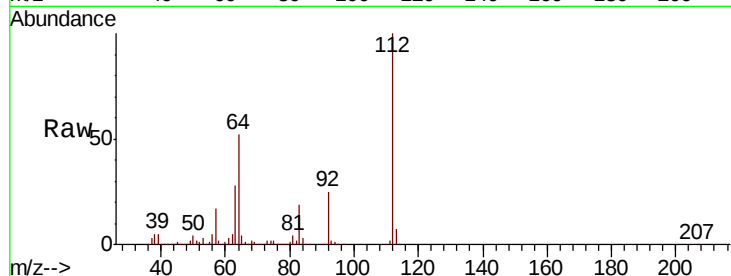
Tot Ion:112 Resp: 724076

Ion Ratio Lower Upper

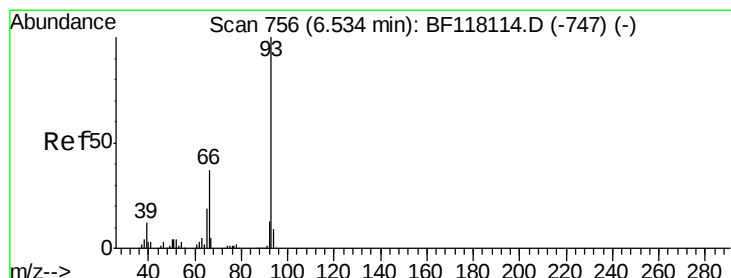
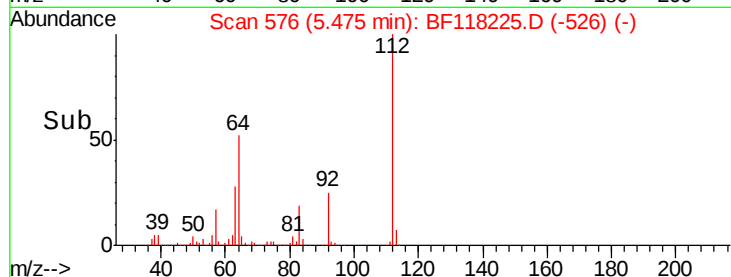
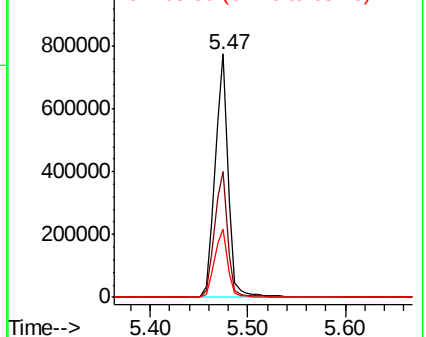
112 100

64 51.8 41.3 61.9

63 28.1 22.4 33.6



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: 39.417 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

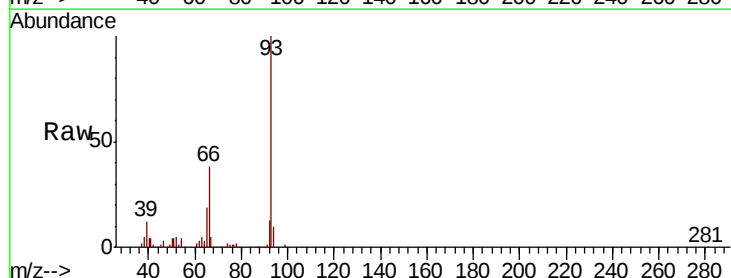
Tgt Ion: 93 Resp: 559019

Ion Ratio Lower Upper

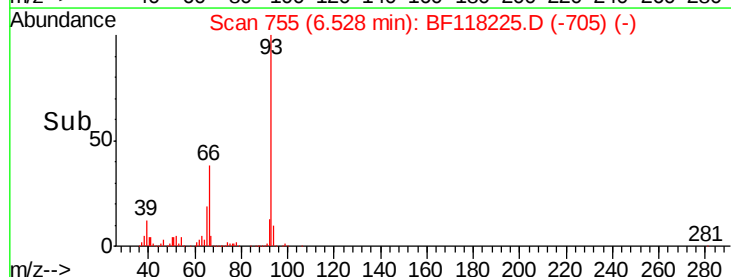
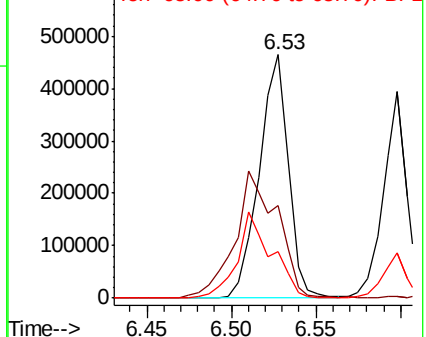
93 100

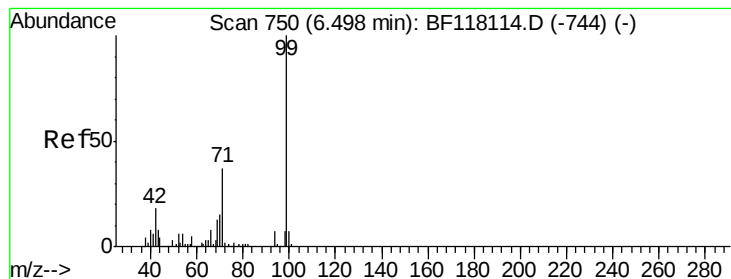
66 38.2 30.2 45.2

65 19.2 15.5 23.3



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: 80.169 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampleId :

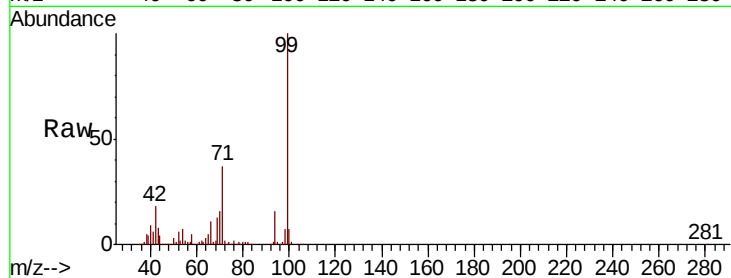
Tot Ion: 99 Resp: 888829

Ion Ratio Lower Upper

99 100

42 17.6 14.1 21.1

71 36.8 29.7 44.5



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

800000

600000

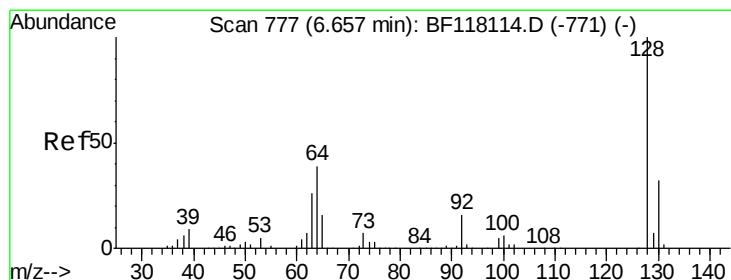
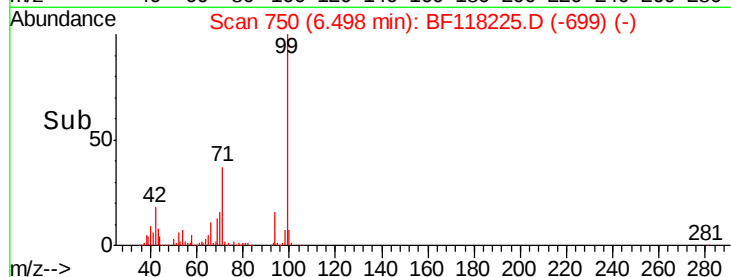
400000

200000

0

6.40 6.50 6.60

Time-->



#8

2-Chlorophenol

Concen: 39.467 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

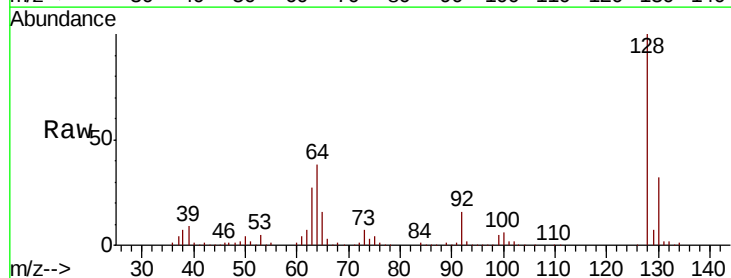
Tgt Ion: 128 Resp: 407922

Ion Ratio Lower Upper

128 100

130 32.1 12.1 52.1

64 38.2 19.3 59.3



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

600000

500000

400000

300000

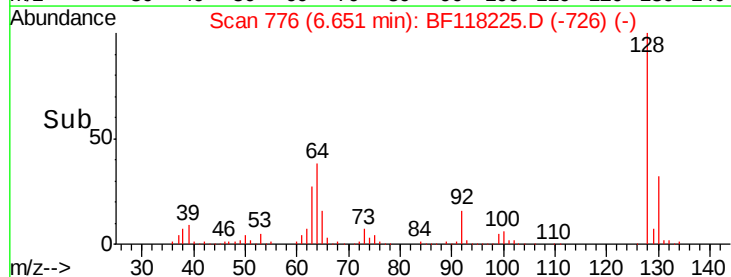
200000

100000

0

6.55 6.60 6.65 6.70 6.75

Time-->





#9

Benzaldehyde

Concen: 37.493 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampleId :

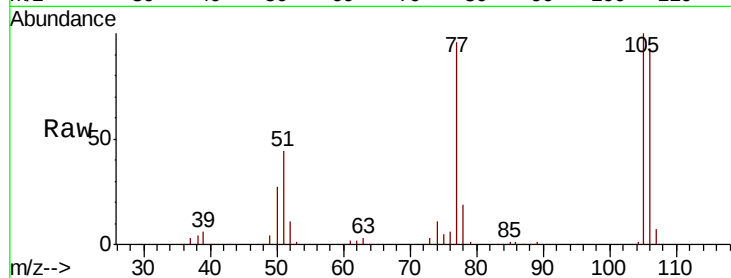
Tot Ion: 77 Resp: 220132

Ion Ratio Lower Upper

77 100

105 104.7 86.4 126.4

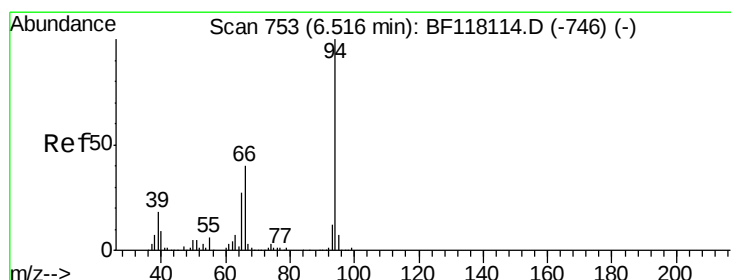
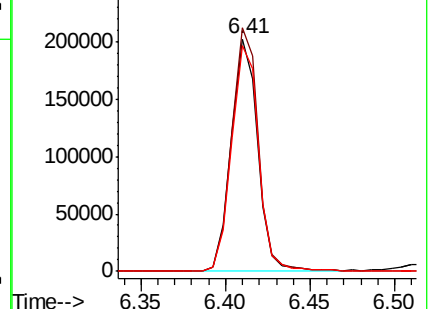
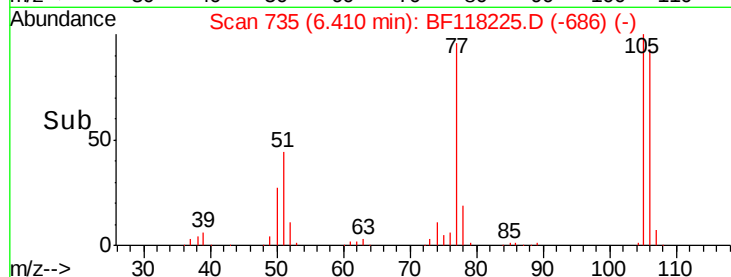
106 97.3 83.8 123.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.484 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

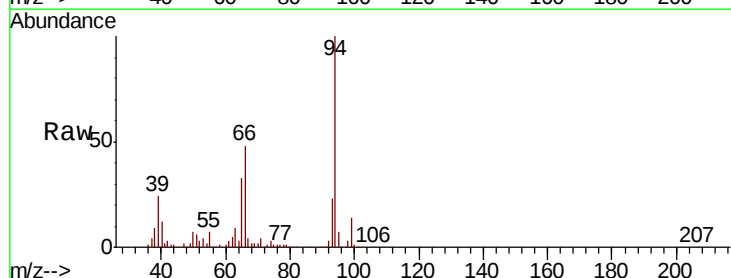
Tgt Ion: 94 Resp: 499233

Ion Ratio Lower Upper

94 100

65 32.6 7.3 47.3

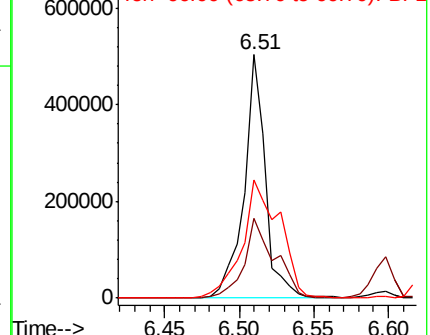
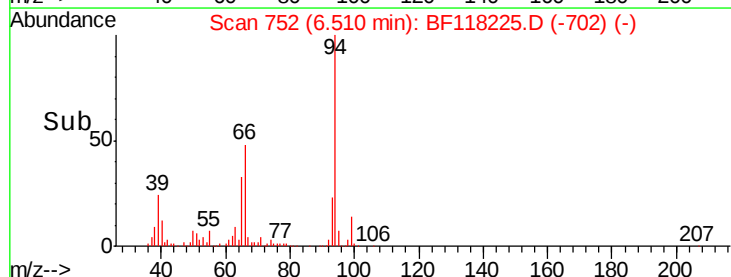
66 48.4 20.2 60.2

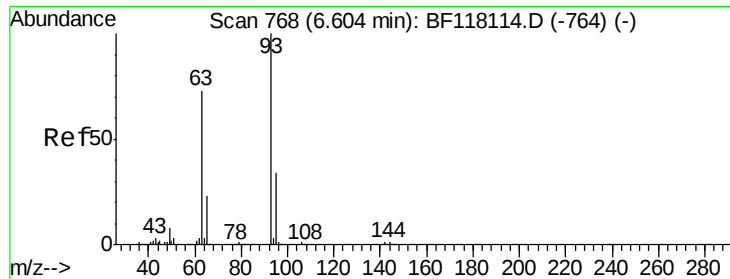


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

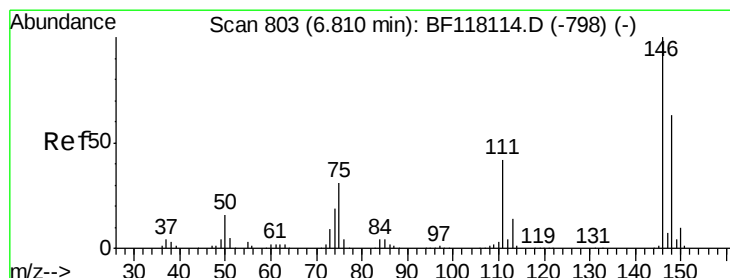
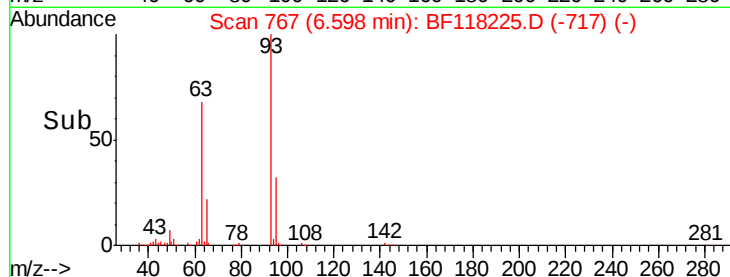
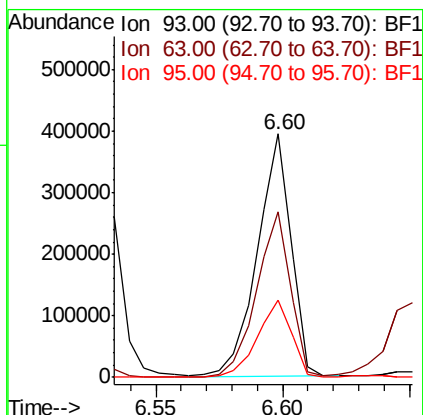
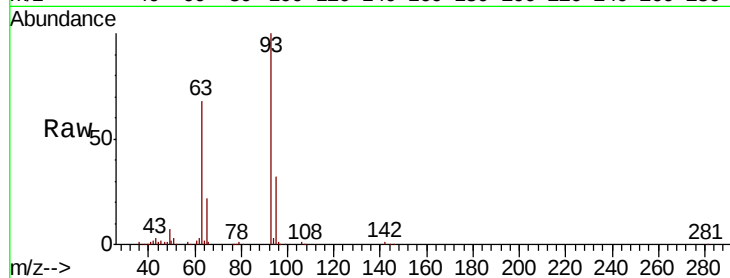




#11
 bis(2-Chloroethyl)ether
 Concen: 39.955 ng
 RT: 6.60 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

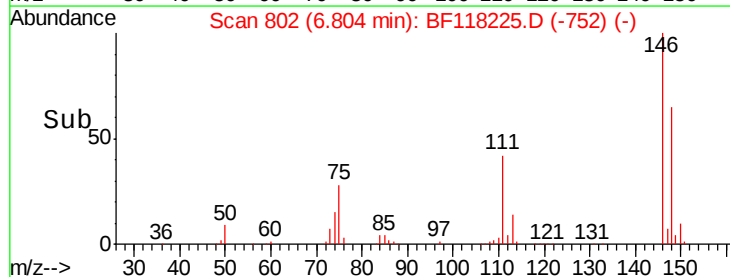
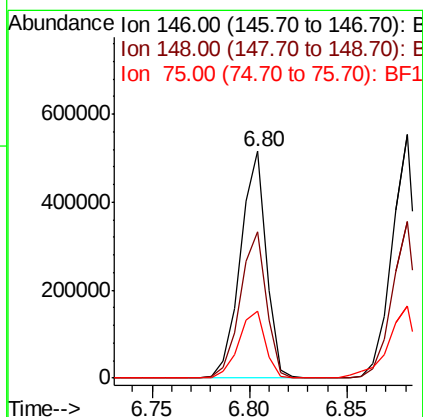
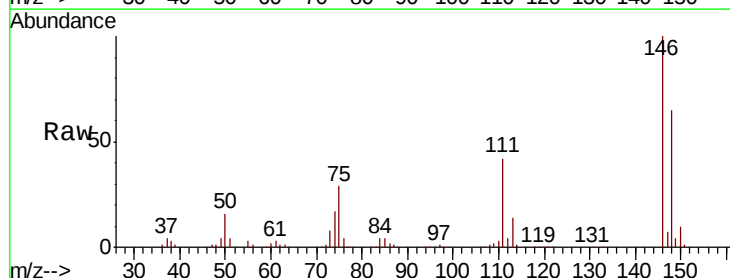
Instrument :
 BNA_F
 ClientSampleId :

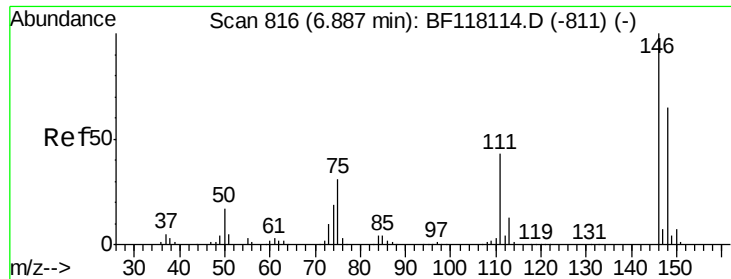
Tot Ion	93	Resp	365370
Ion	Ratio	Lower	Upper
93	100		
63	68.0	53.2	93.2
95	31.9	13.8	53.8



#12
 1,3-Dichlorobenzene
 Concen: 39.374 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Tgt Ion	146	Resp	475397
Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.2	75.4
75	29.3	24.6	37.0

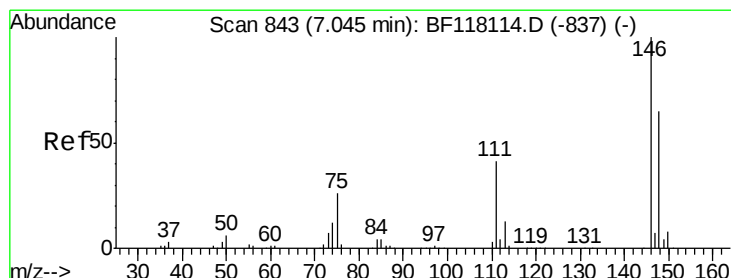
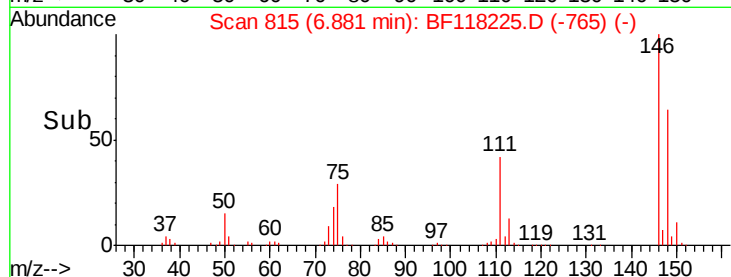
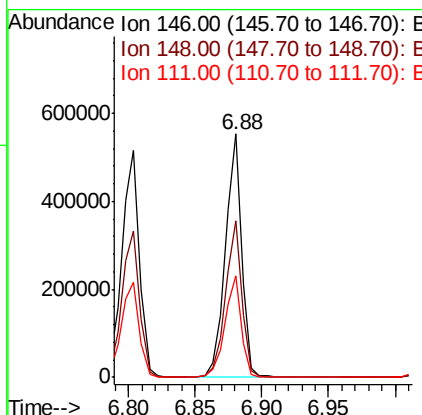
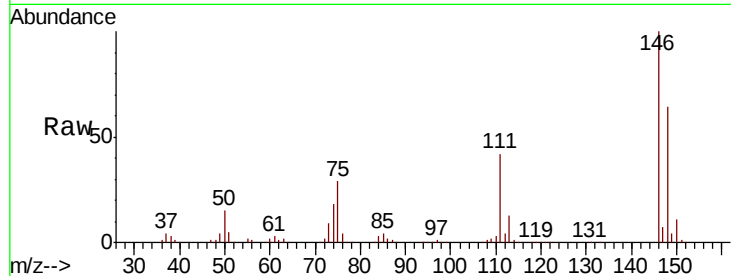




#13
 1,4-Dichlorobenzene
 Concen: 39.415 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

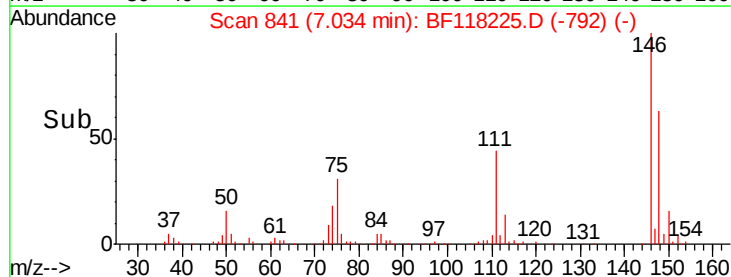
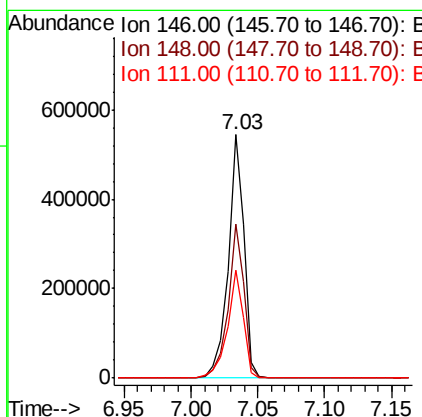
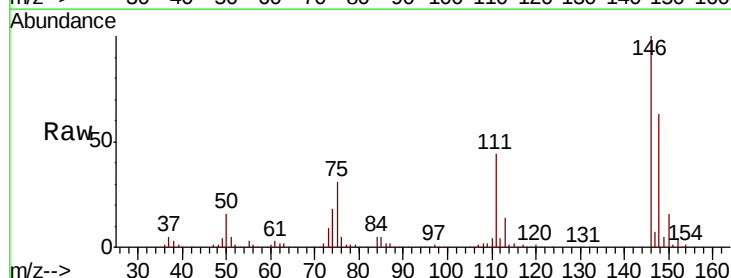
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 479212
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.1 78.1
 111 41.7 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 39.766 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Tgt Ion:146 Resp: 454032
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 44.1 33.1 49.7





#15

Benzyl Alcohol

Concen: 40.254 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampleId :

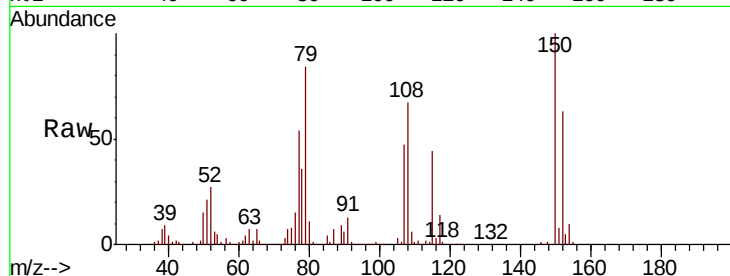
Tot Ion: 79 Resp: 348376

Ion Ratio Lower Upper

79 100

108 79.8 62.7 94.1

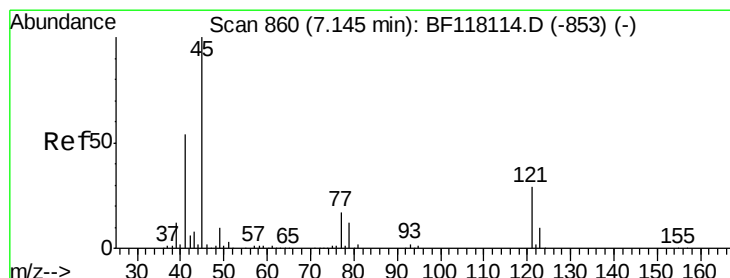
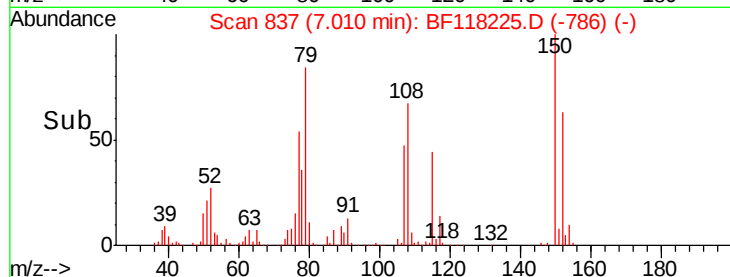
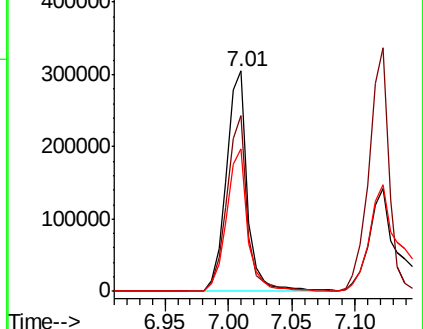
77 64.7 51.4 77.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.971 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

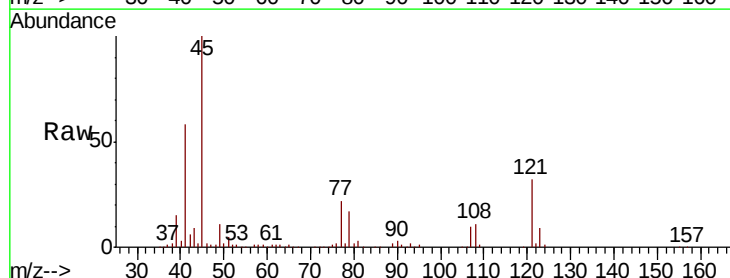
Tgt Ion: 45 Resp: 428490

Ion Ratio Lower Upper

45 100

77 21.6 0.0 38.0

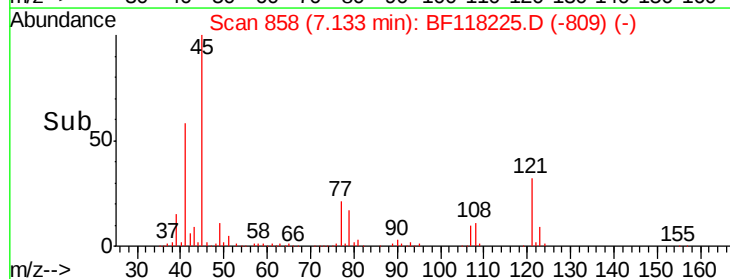
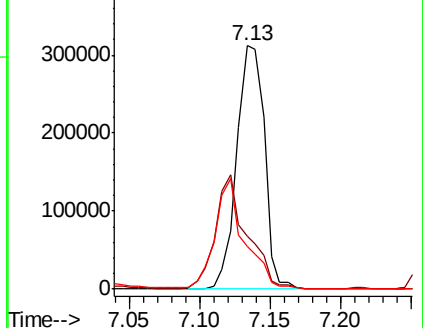
79 17.4 0.0 33.2

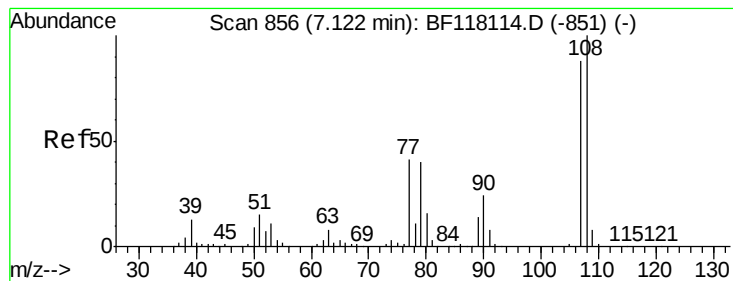


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

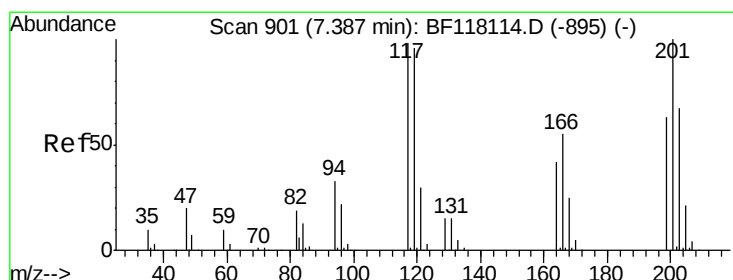
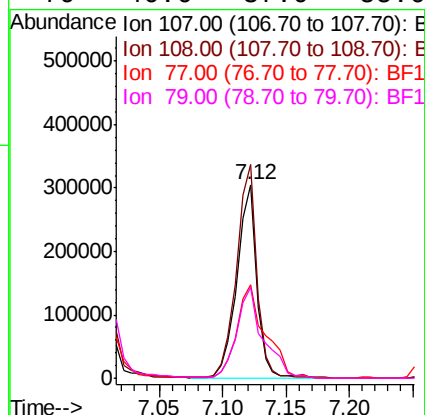
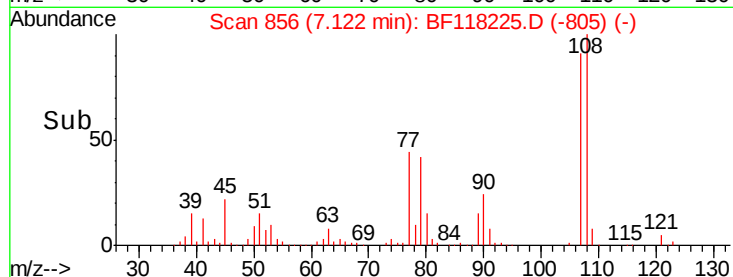
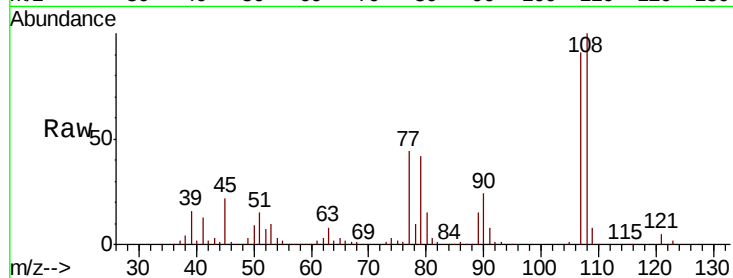




#17
2-Methylphenol
Concen: 39.970 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

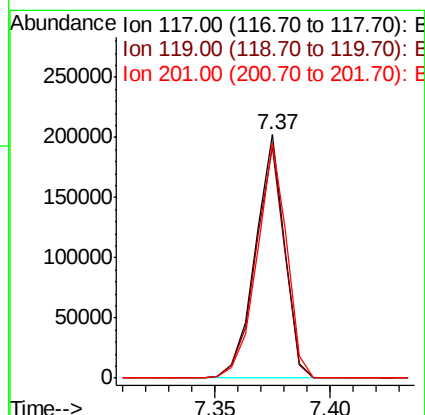
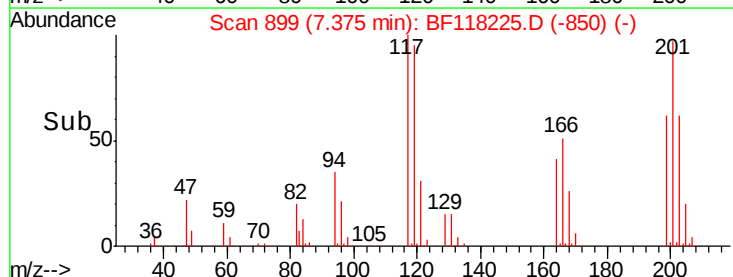
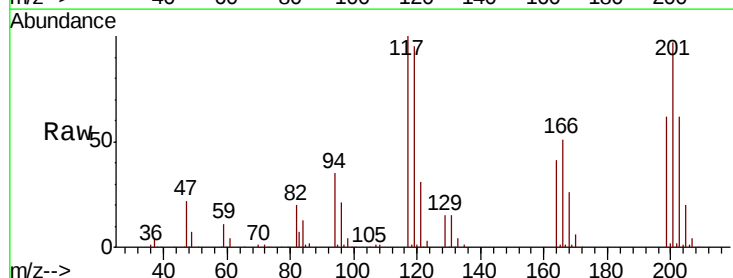
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.2	91.1	136.7
77	48.2	37.8	56.6
79	46.6	37.0	55.6



#18
Hexachloroethane
Concen: 39.731 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.2	117.4
201	97.0	81.6	122.4

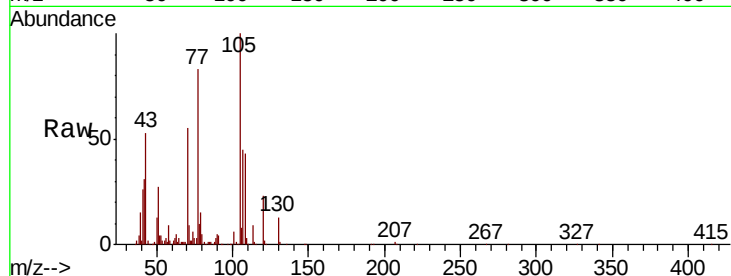




#19
n-Nitroso-di-n-propylamine
Concen: 40.049 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	269811
Ion	Ratio	Lower	Upper
70	100		
42	56.2	43.2	64.8
101	10.6	8.1	12.1
130	24.0	19.8	29.8



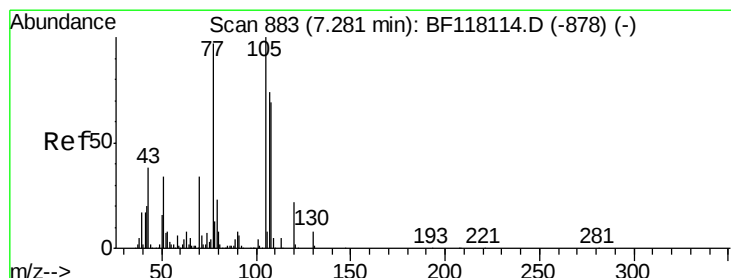
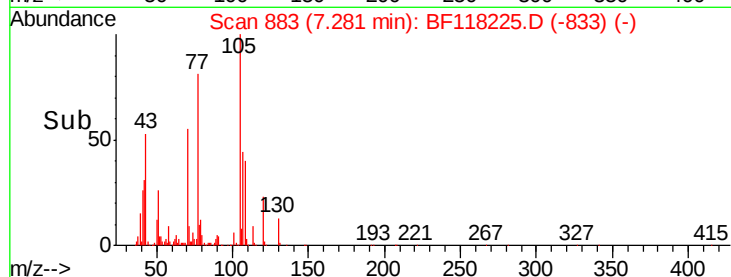
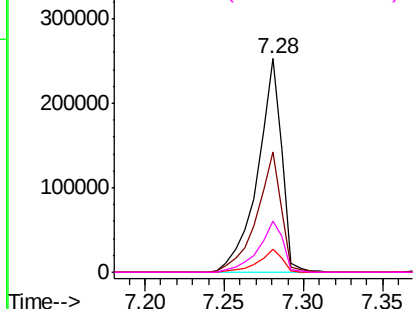
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 41.202 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion:	107	Resp:	425436
Ion	Ratio	Lower	Upper
107	100		
108	90.4	73.2	113.2
77	117.4	110.9	150.9
79	30.5	11.5	51.5

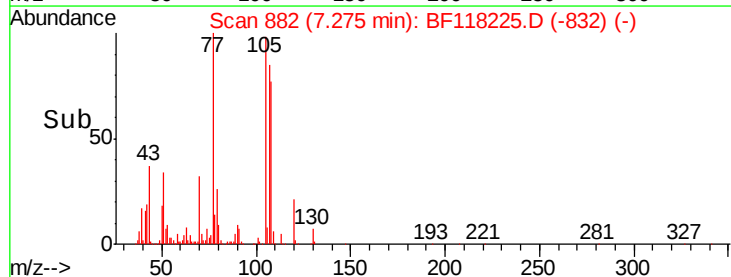
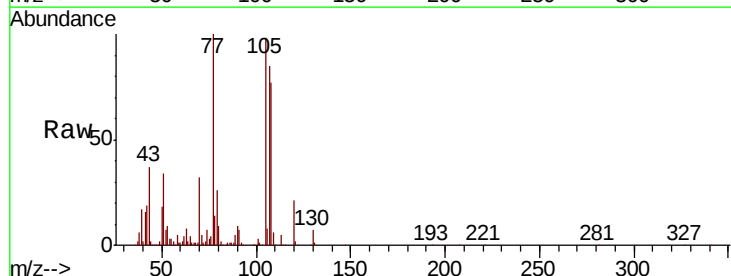
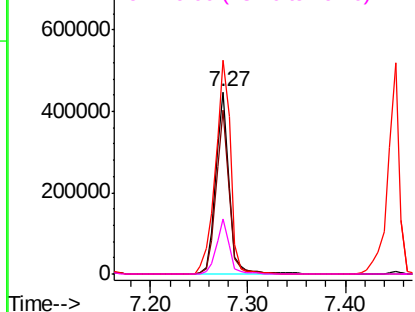
Abundance

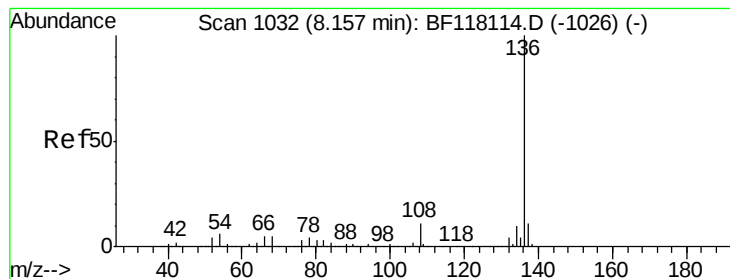
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 620053

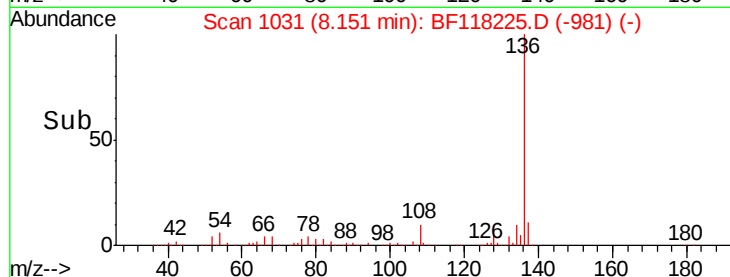
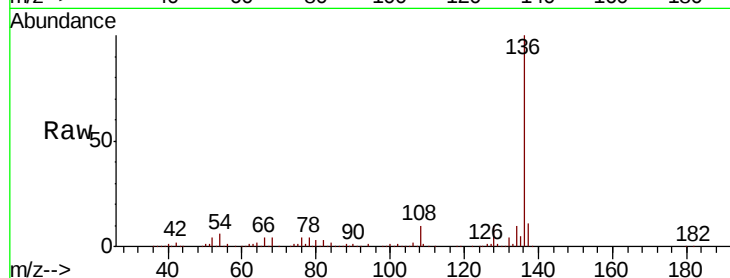
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 5.7 5.0 7.6

68 4.4 3.8 5.8

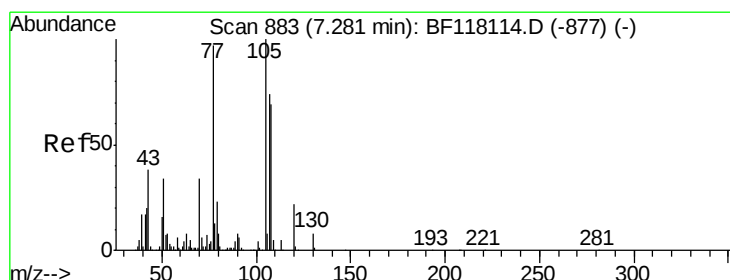
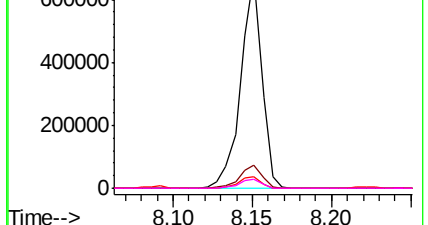


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.458 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Tgt Ion:105 Resp: 587786

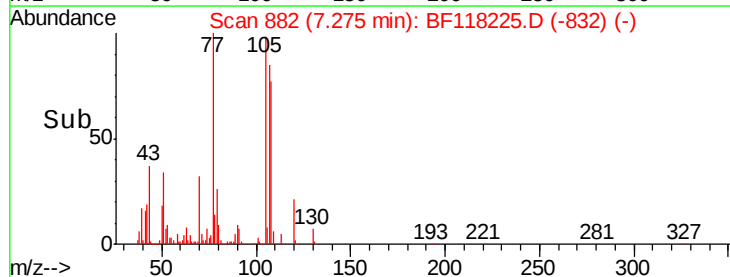
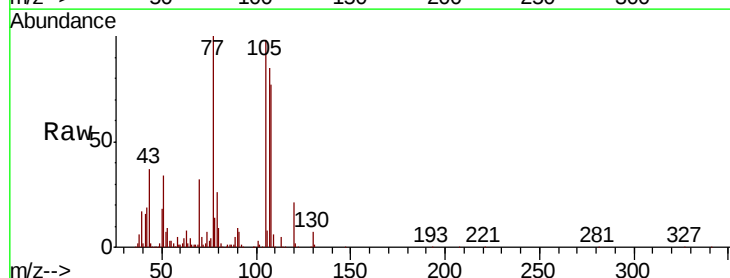
Ion Ratio Lower Upper

105 100

71 5.3 4.7 7.1

51 34.4 27.1 40.7

120 21.7 17.8 26.6

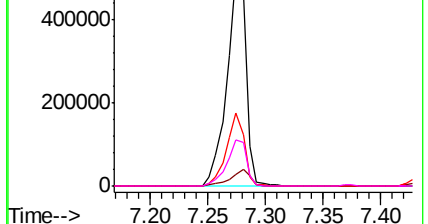


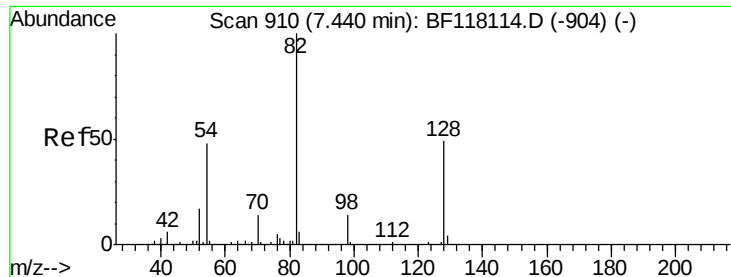
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

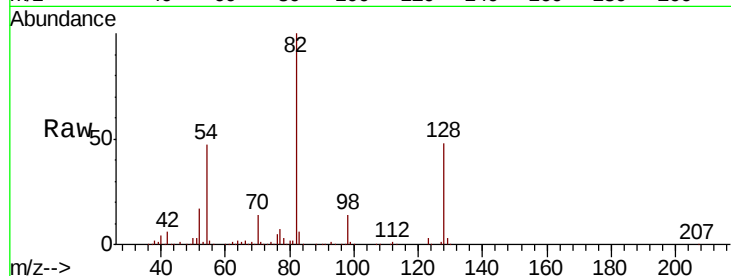




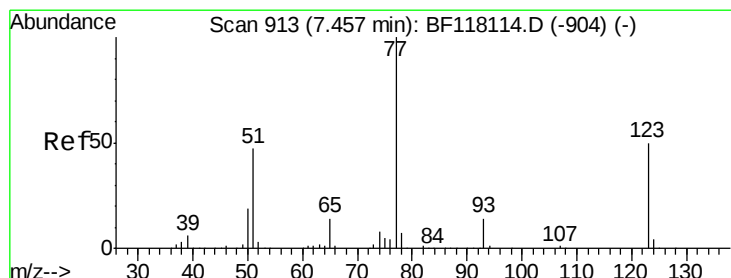
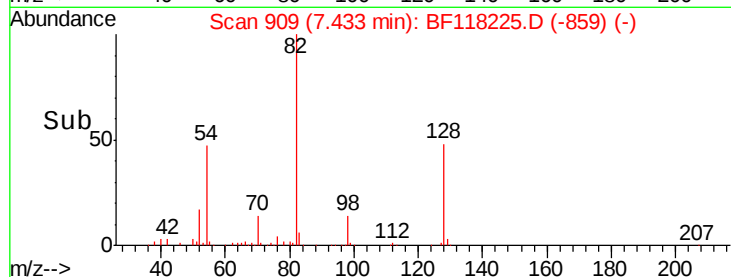
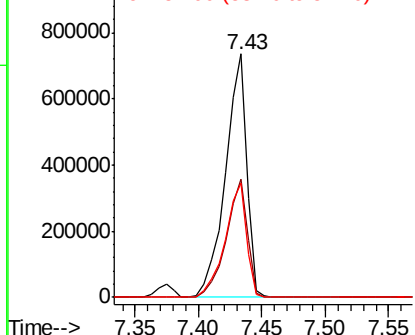
#23
Nitrobenzene-d5
Concen: 77.273 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	851679
Ion Ratio	Lower	Upper	
82	100		
128	48.4	39.1	58.7
54	47.0	38.2	57.2

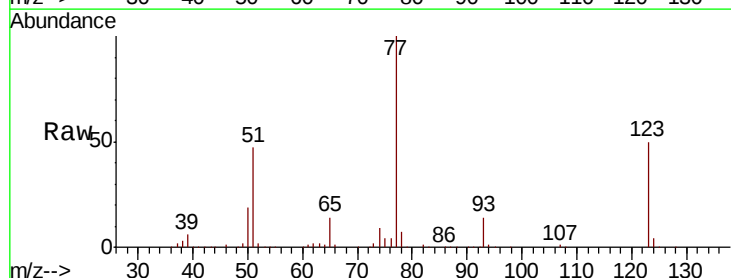


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

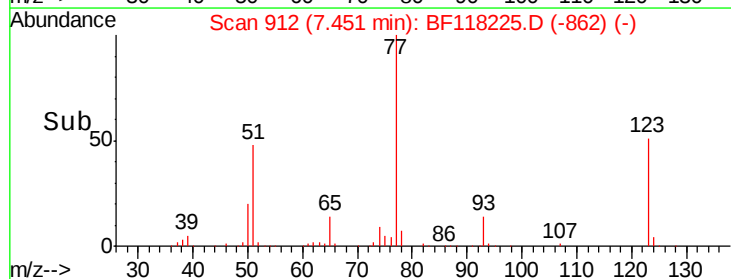
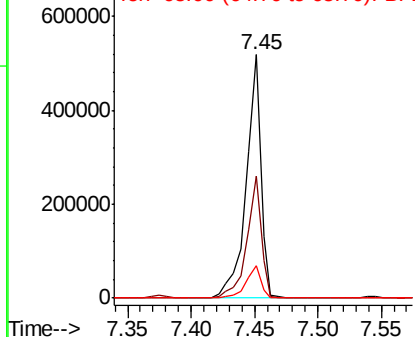


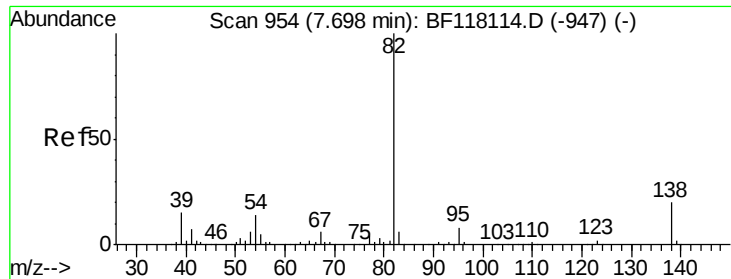
#24
Nitrobenzene
Concen: 38.265 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	77	Resp	414355
Ion Ratio	Lower	Upper	
77	100		
123	50.3	40.1	60.1
65	13.6	10.9	16.3



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





#25

Isophorone

Concen: 38.095 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampleId :

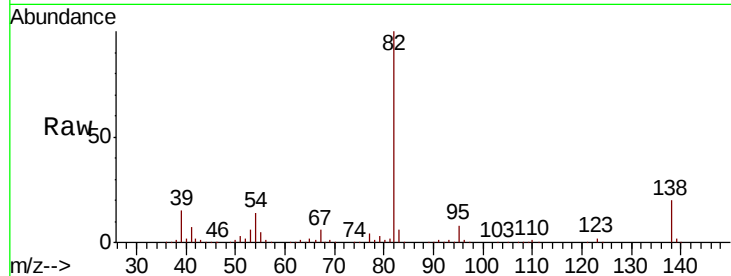
Tot Ion: 82 Resp: 711771

Ion Ratio Lower Upper

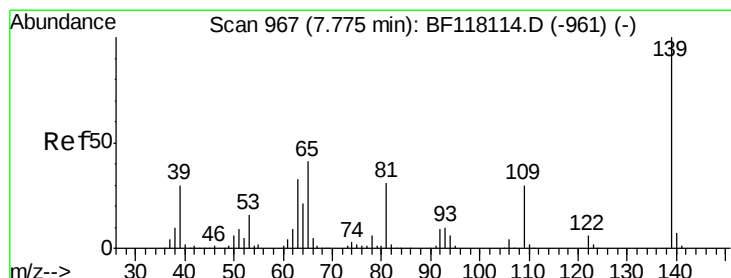
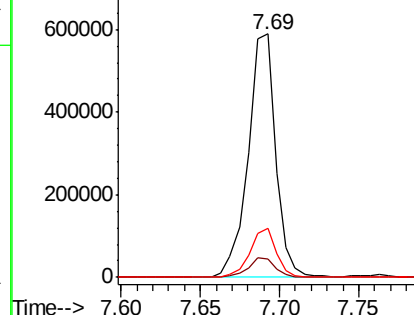
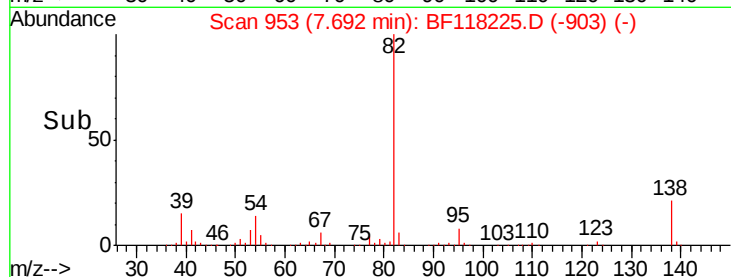
82 100

95 7.6 6.3 9.5

138 20.4 16.3 24.5



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: 39.073 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

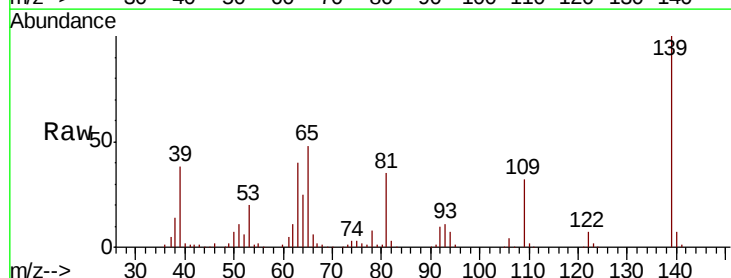
Tgt Ion: 139 Resp: 226148

Ion Ratio Lower Upper

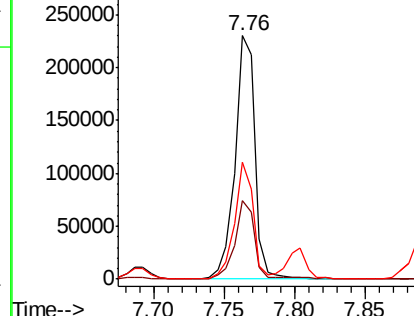
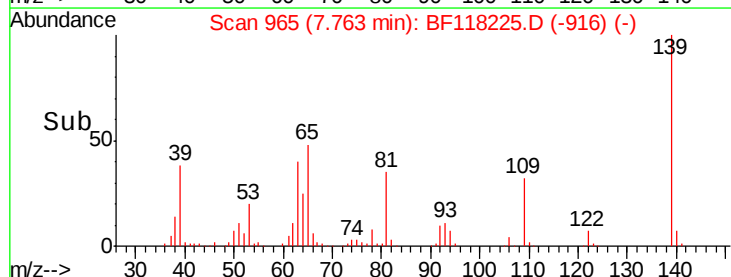
139 100

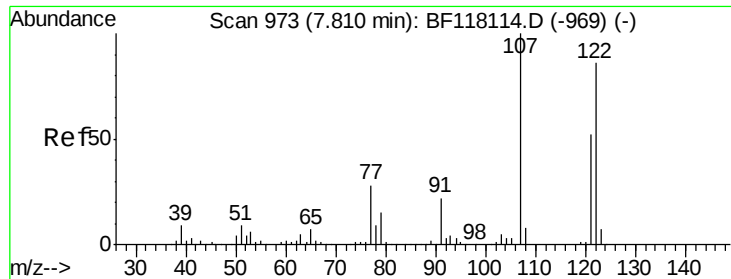
109 32.1 23.9 35.9

65 48.0 33.0 49.6



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

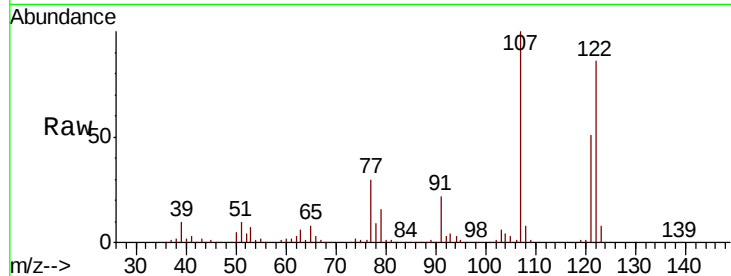




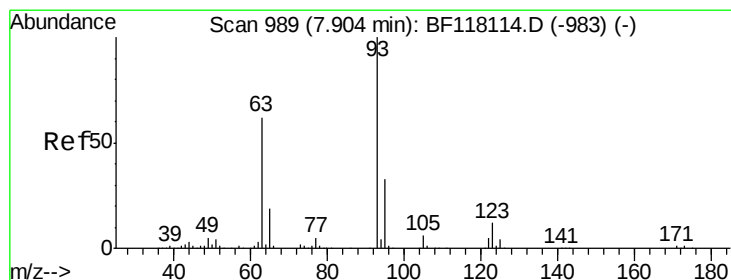
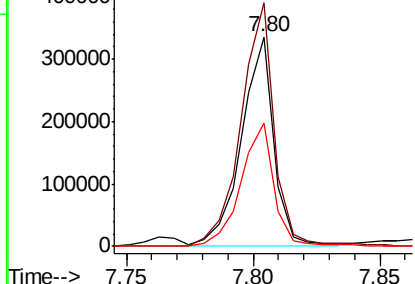
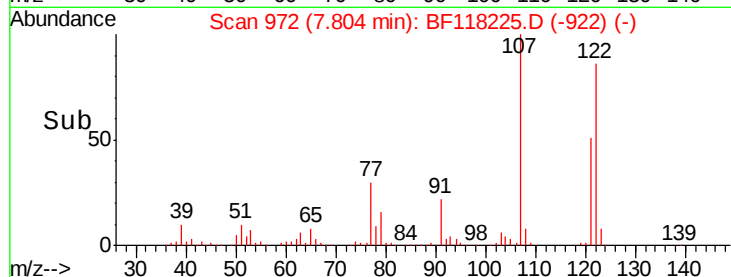
#27
 2,4-Dimethylphenol
 Concen: 38.584 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 297877
 Ion Ratio Lower Upper
 122 100
 107 116.3 92.9 139.3
 121 59.2 48.3 72.5

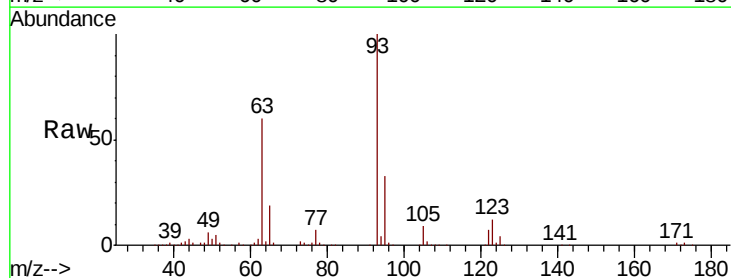


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

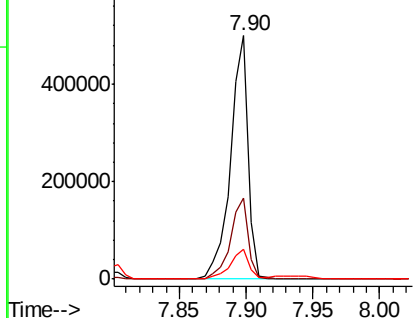
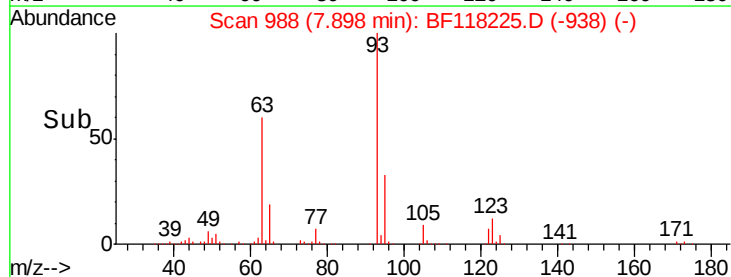


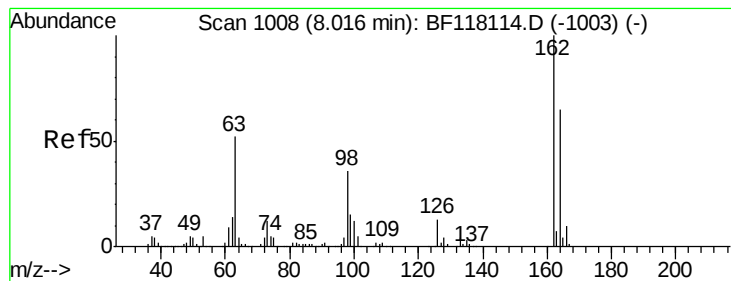
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.390 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Tgt Ion: 93 Resp: 468689
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.7 40.1
 123 12.4 10.0 15.0



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





#29

2,4-Dichlorophenol

Concen: 38.798 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampleId :

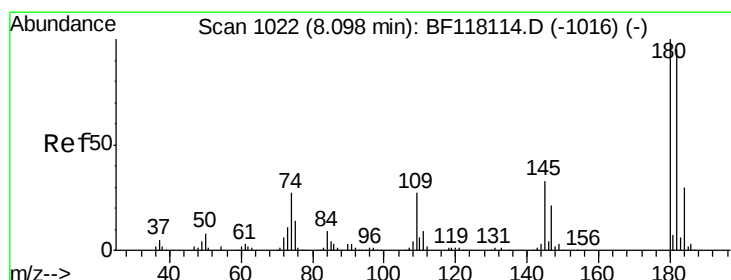
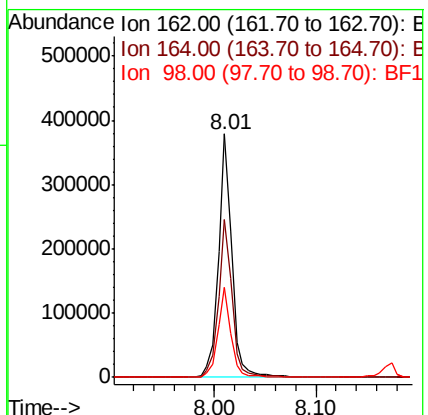
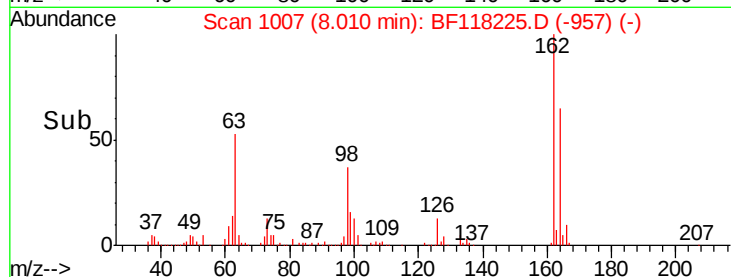
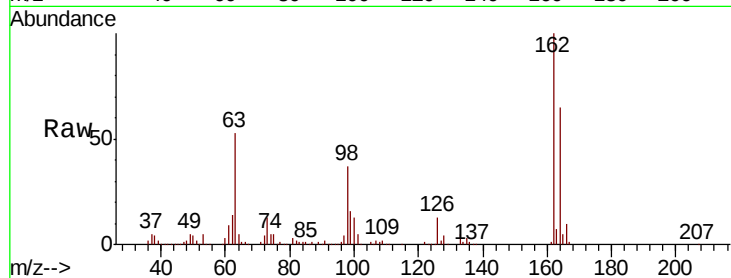
Tot Ion:162 Resp: 349187

Ion Ratio Lower Upper

162 100

164 64.8 45.2 85.2

98 36.8 15.9 55.9



#30

1,2,4-Trichlorobenzene

Concen: 39.352 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

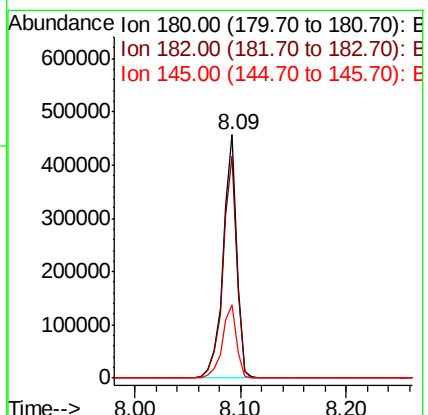
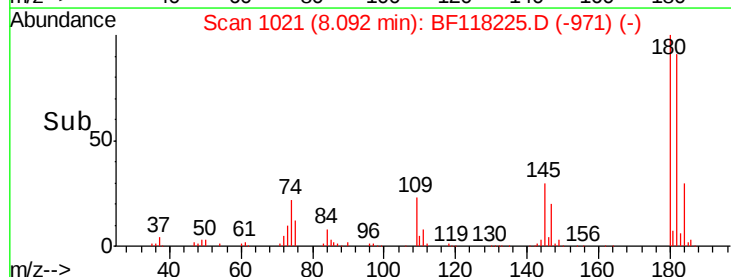
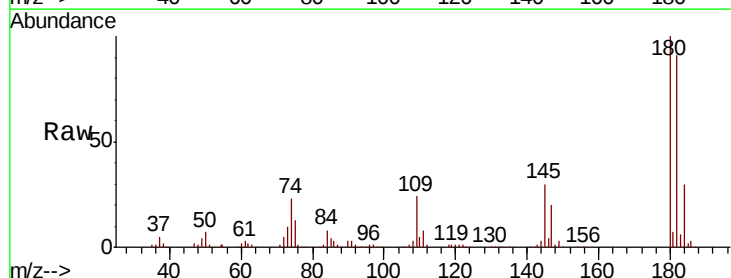
Tgt Ion:180 Resp: 413907

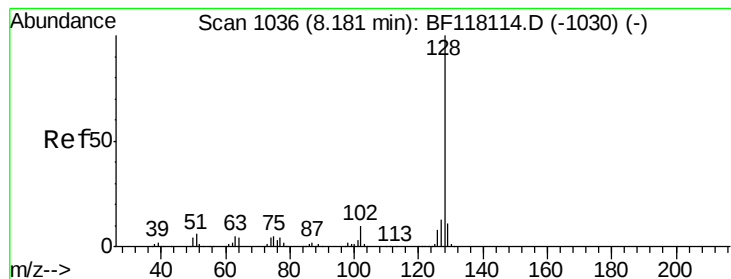
Ion Ratio Lower Upper

180 100

182 91.2 76.1 114.1

145 30.0 26.1 39.1





#31

Naphthalene

Concen: 39.148 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampleId :

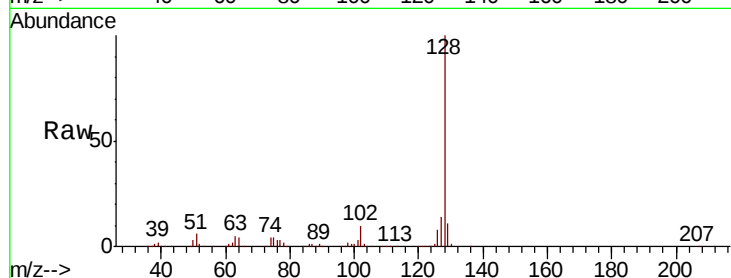
Tot Ion:128 Resp: 1219076

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

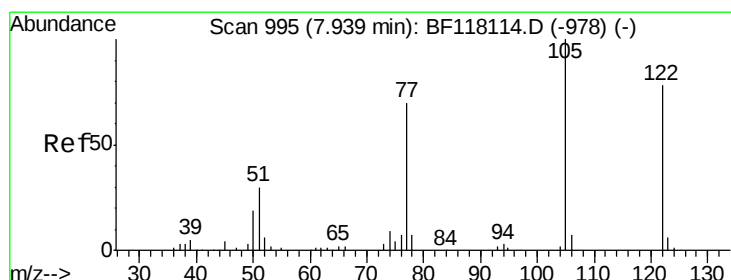
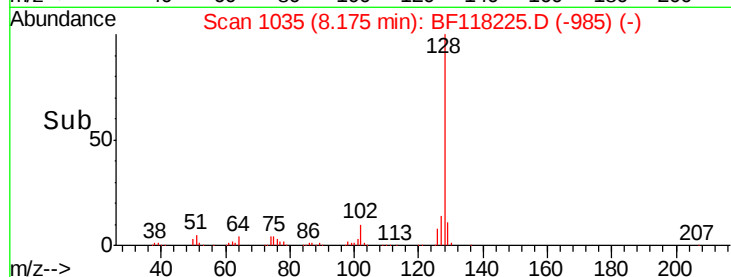
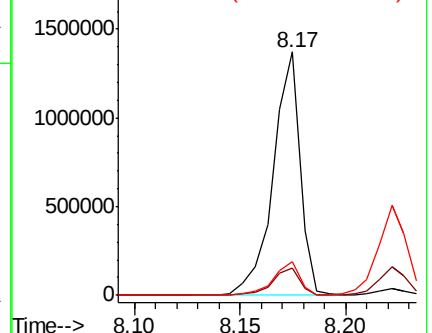
127 13.9 10.6 16.0



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: 38.025 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

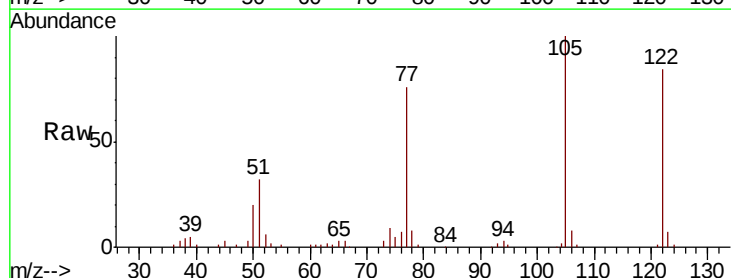
Tgt Ion:122 Resp: 265059

Ion Ratio Lower Upper

122 100

105 118.7 104.7 144.7

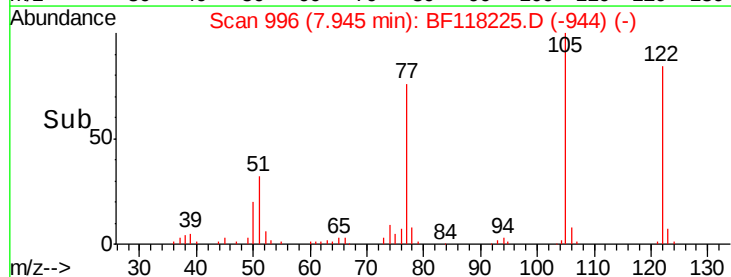
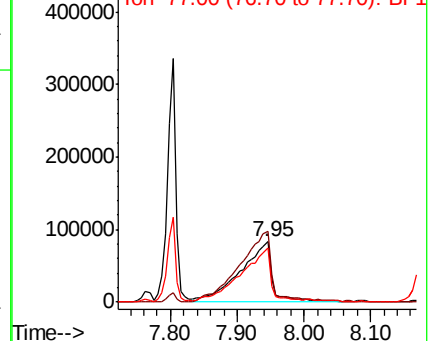
77 90.0 69.1 109.1

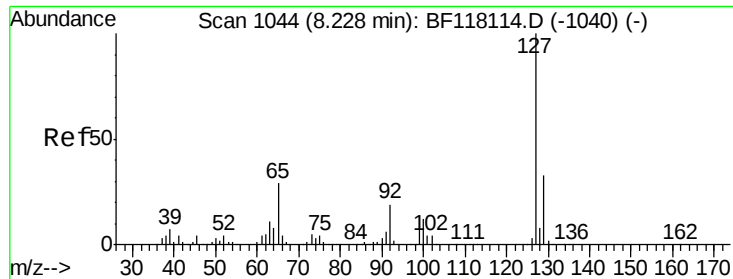


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

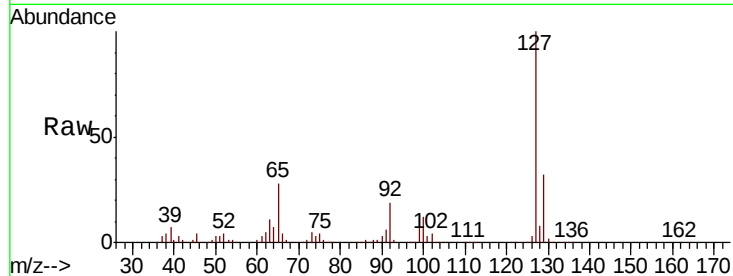




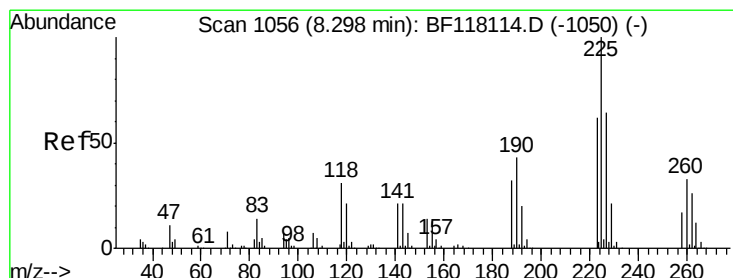
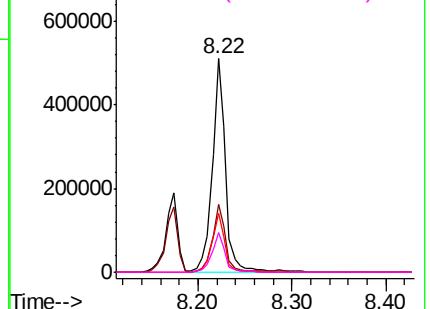
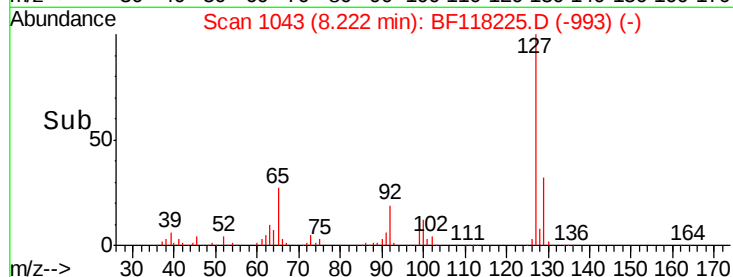
#33
4-Chloroaniline
Concen: 37.926 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	509953
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.6	40.0
65	27.8	23.2	34.8
92	18.8	15.4	23.0

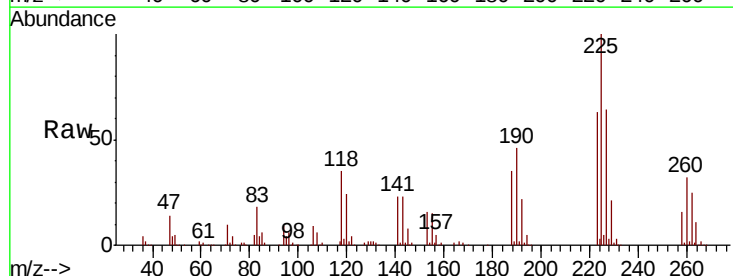


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

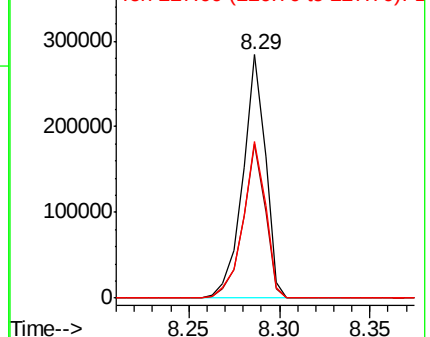
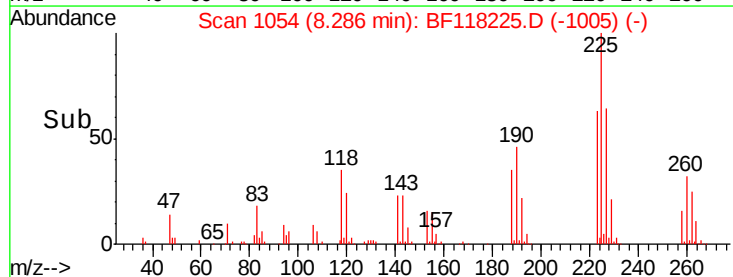


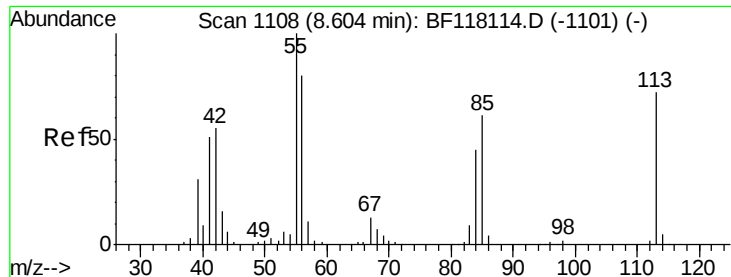
#34
Hexachlorobutadiene
Concen: 39.113 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion:	225	Resp:	246689
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.6	74.4
227	64.5	51.0	76.6



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

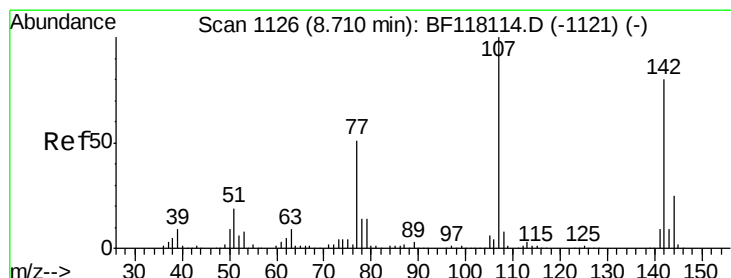
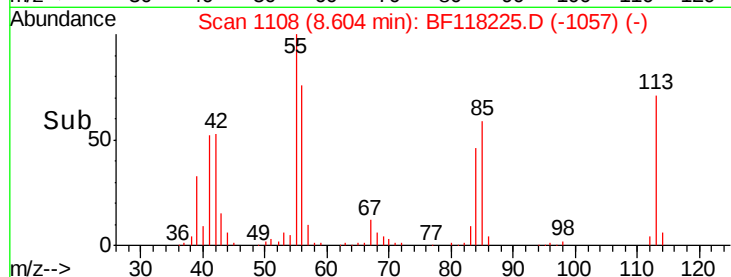
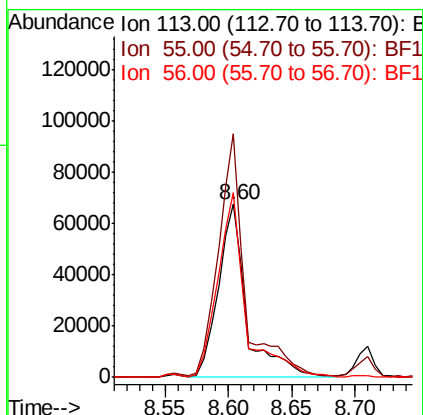
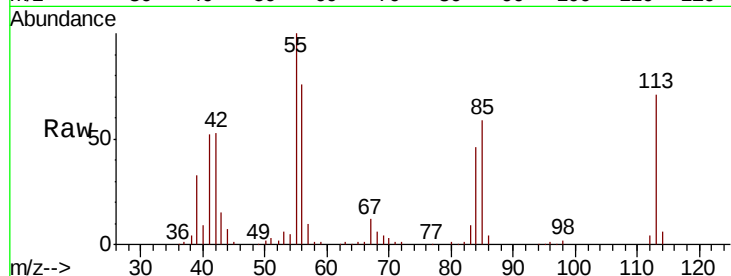




#35
 Caprolactam
 Concen: 37.200 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

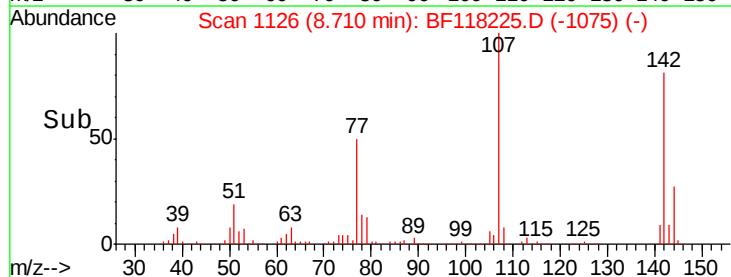
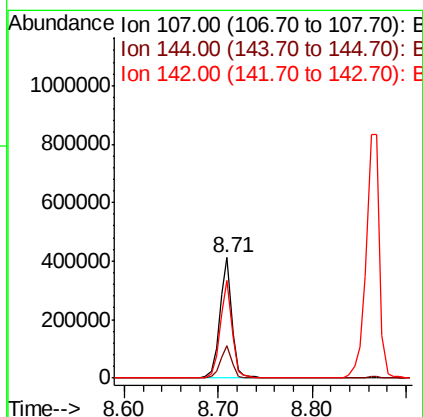
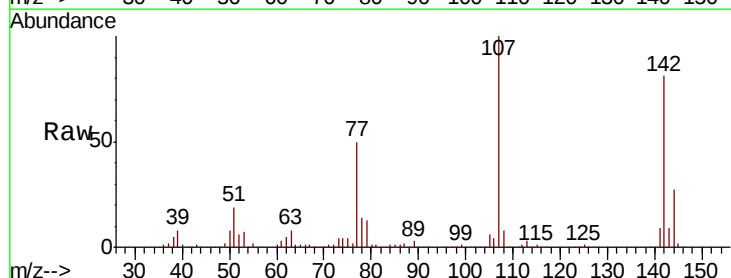
Instrument :
 BNA_F
 ClientSampleID :

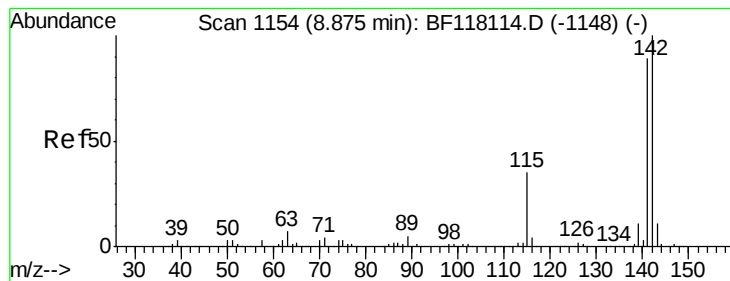
Tot Ion:113 Resp: 103249
 Ion Ratio Lower Upper
 113 100
 55 140.9 118.9 158.9
 56 106.9 91.4 131.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.637 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Tgt Ion:107 Resp: 365941
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.3 30.5
 142 81.0 63.7 95.5





#37

2-Methylnaphthalene

Concen: 39.306 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampled :

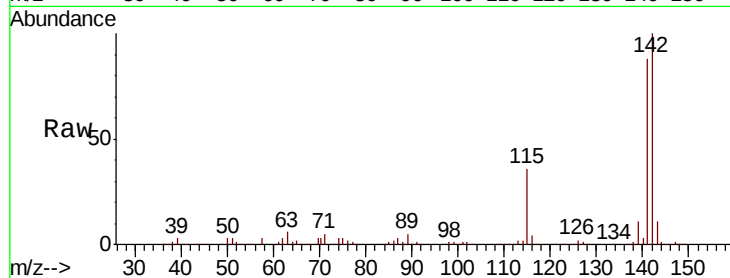
Tot Ion:142 Resp: 828663

Ion Ratio Lower Upper

142 100

141 87.5 71.4 107.0

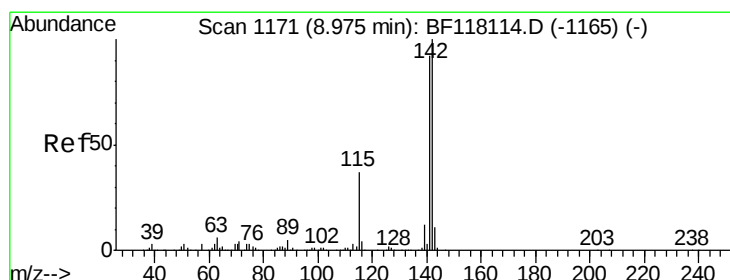
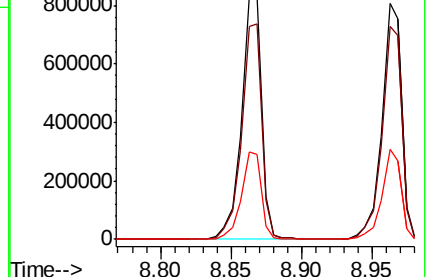
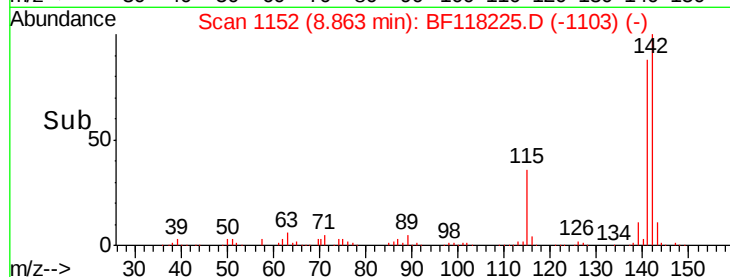
115 36.2 28.2 42.4



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: 39.091 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

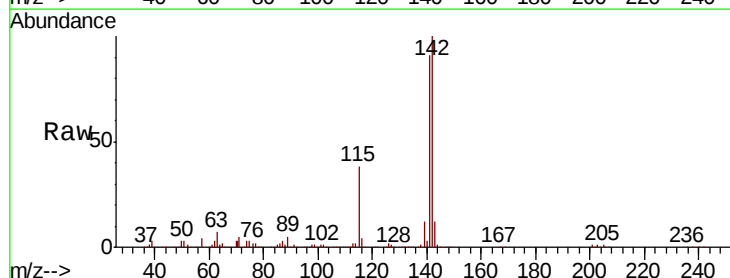
Tgt Ion:142 Resp: 773815

Ion Ratio Lower Upper

142 100

141 90.6 74.0 111.0

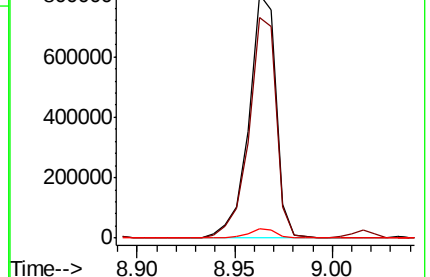
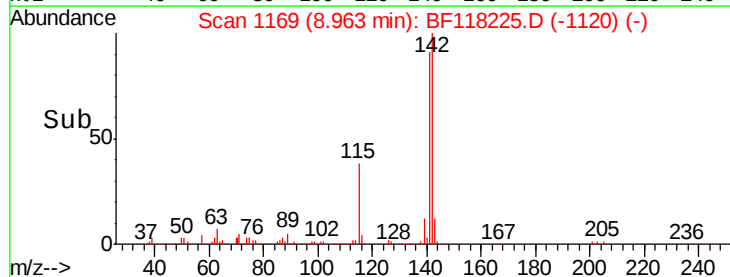
116 3.9 3.2 4.8

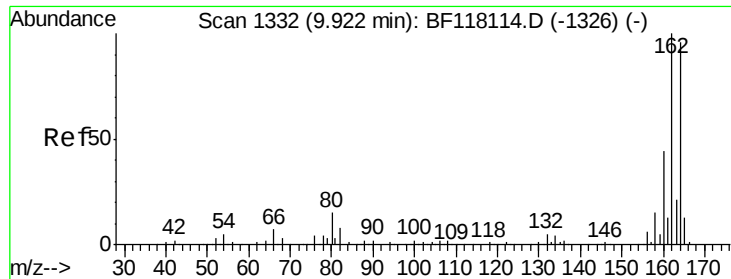


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampleId :

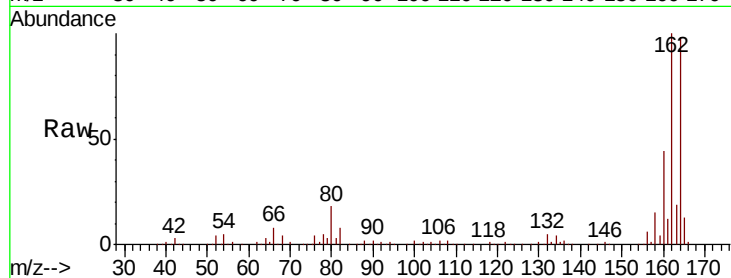
Tot Ion:164 Resp: 326143

Ion Ratio Lower Upper

164 100

162 101.7 83.4 125.0

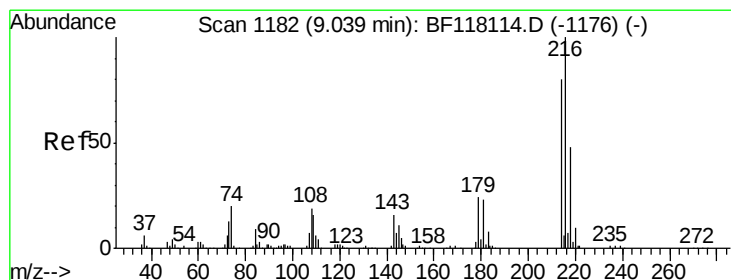
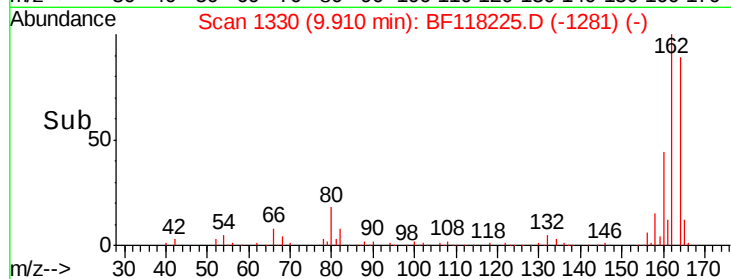
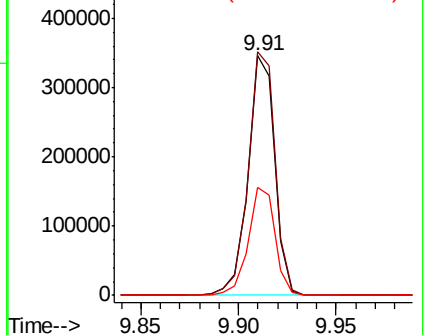
160 44.8 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.748 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Tgt Ion:216 Resp: 382830

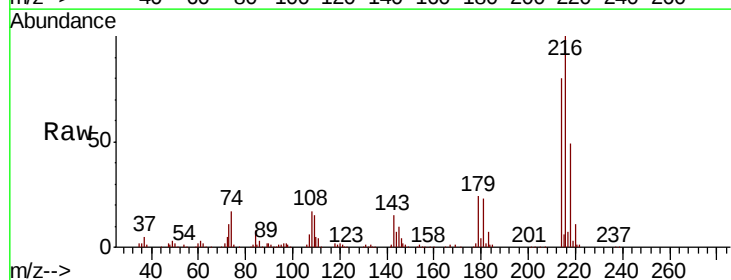
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 23.6 18.6 27.8

108 19.5 15.4 23.0

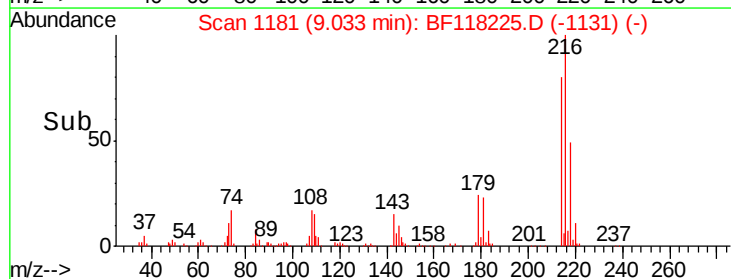
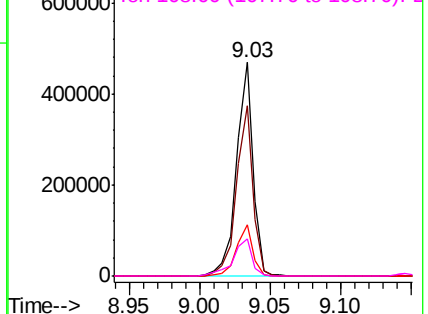


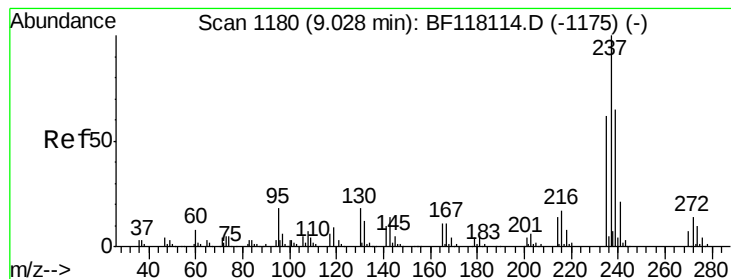
Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.204 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampled :

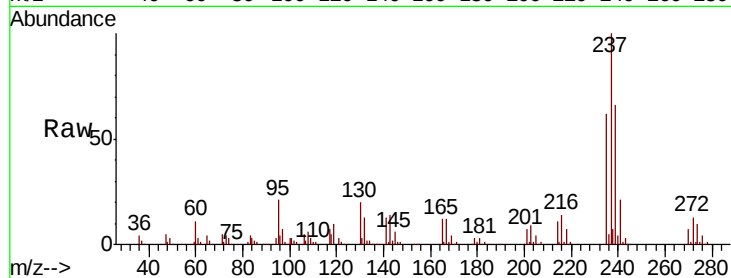
Tot Ion:237 Resp: 177972

Ion Ratio Lower Upper

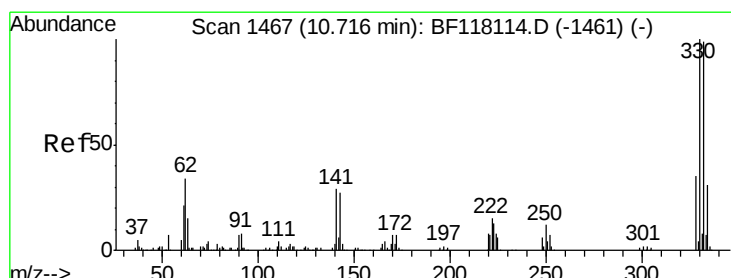
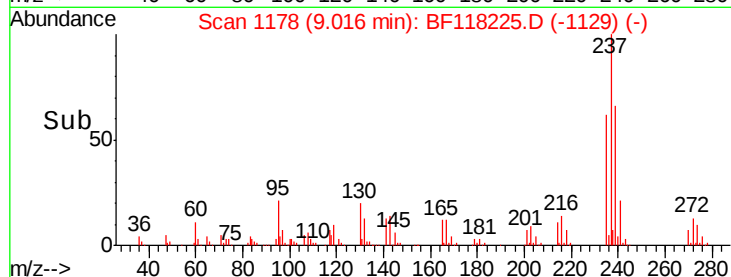
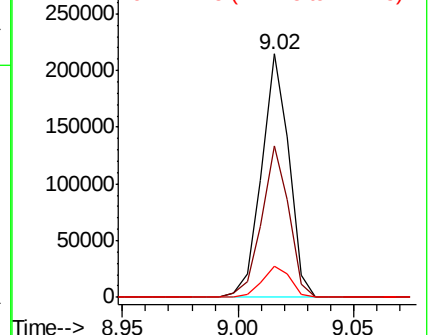
237 100

235 62.1 41.5 81.5

272 12.8 0.0 33.7



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: 76.795 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

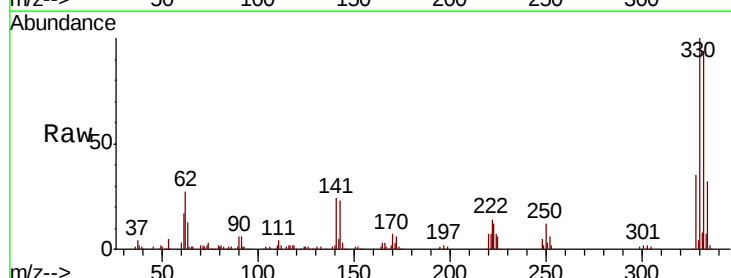
Tgt Ion:330 Resp: 304266

Ion Ratio Lower Upper

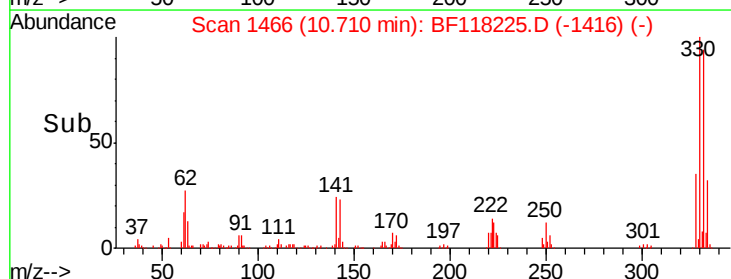
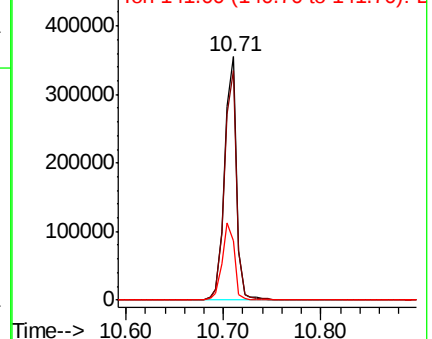
330 100

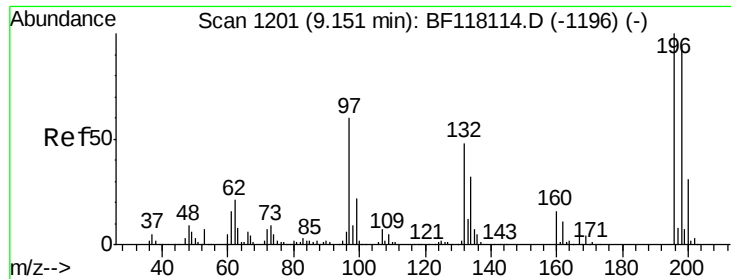
332 95.5 78.1 117.1

141 32.5 26.9 40.3



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

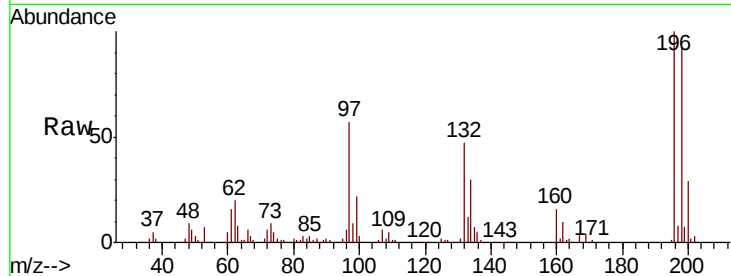




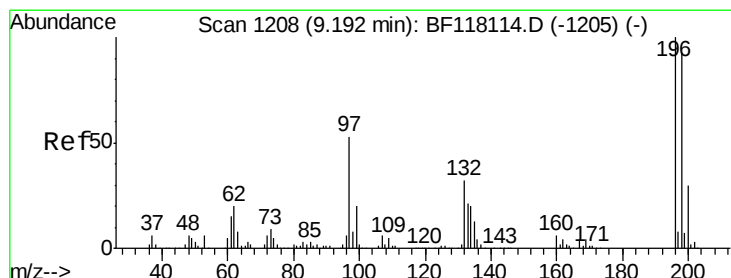
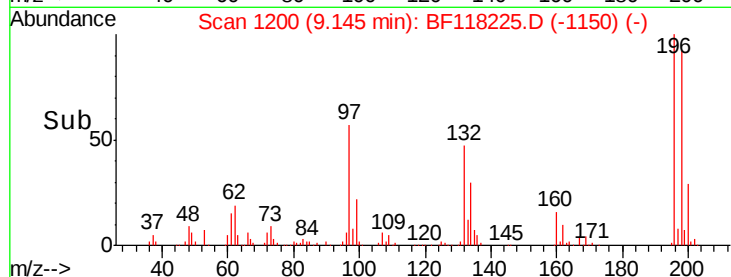
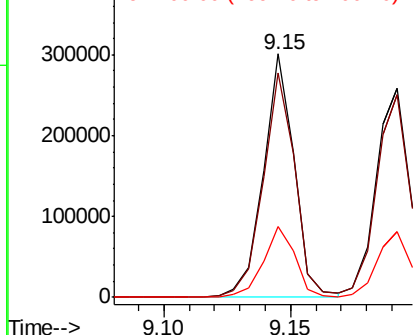
#43
 2,4,6-Trichlorophenol
 Concen: 38.907 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 256659
 Ion Ratio Lower Upper
 196 100
 198 92.4 75.0 112.4
 200 29.1 24.5 36.7



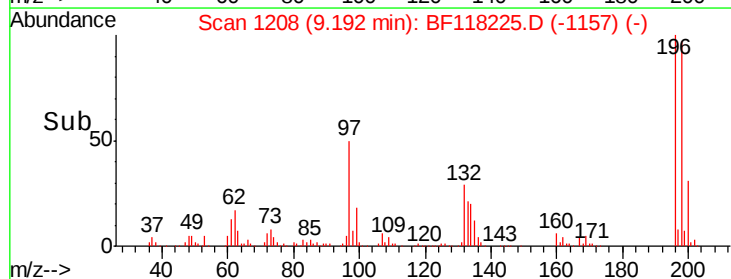
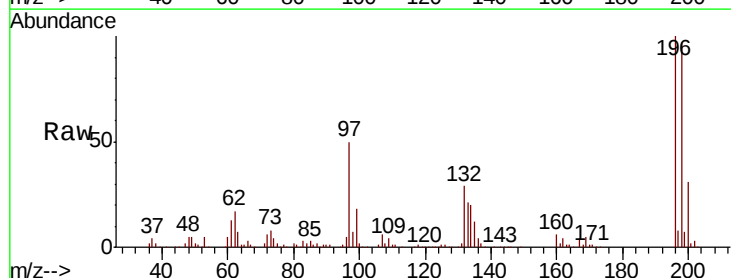
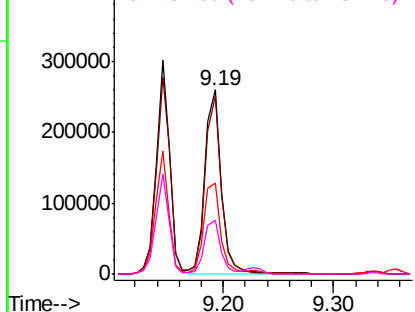
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

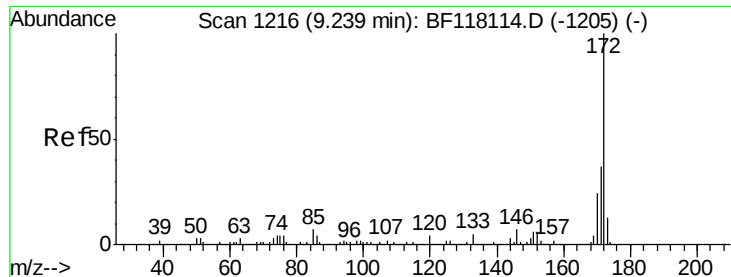


#44
 2,4,5-Trichlorophenol
 Concen: 37.596 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Tgt Ion:196 Resp: 256951
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.2 111.4
 97 49.6 42.5 63.7
 132 29.2 25.4 38.2

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

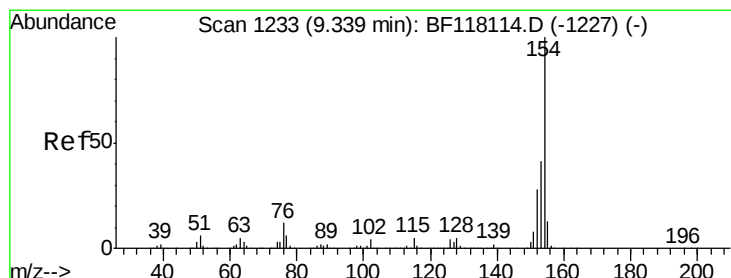
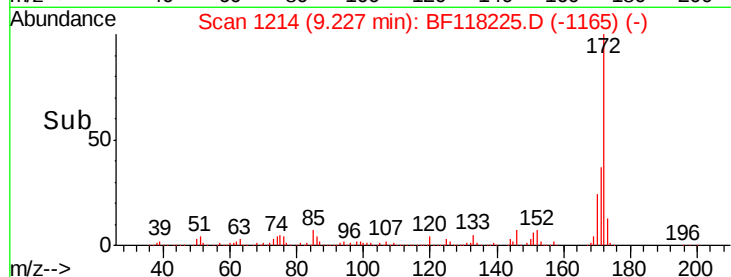
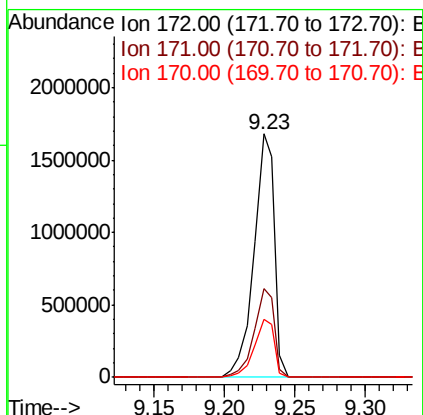
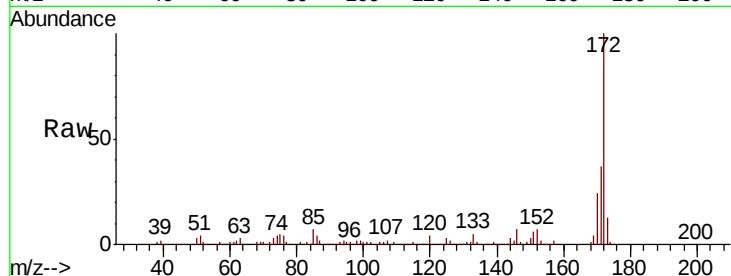




#45
2-Fluorobiphenyl
Concen: 80.040 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

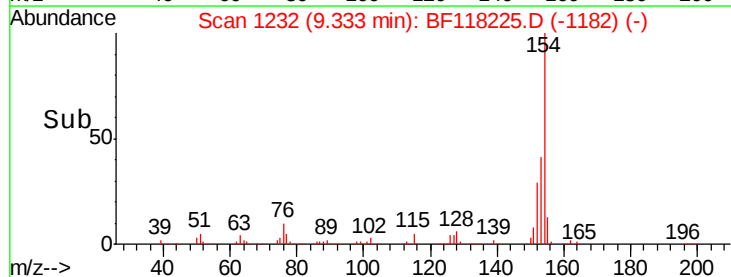
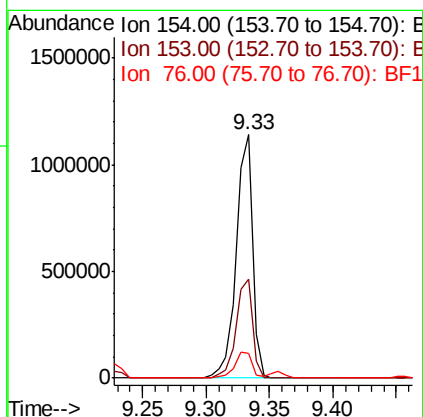
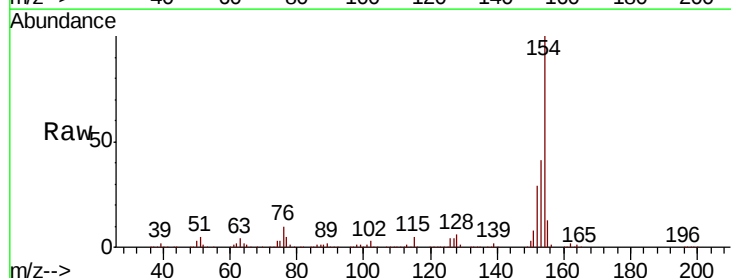
Instrument :
BNA_F
ClientSampleId :

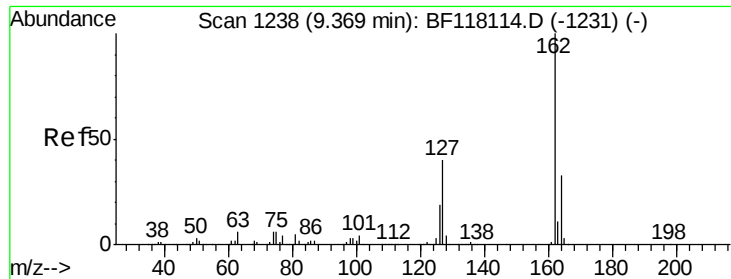
Tot Ion:172 Resp: 1715551
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 23.9 19.4 29.2



#46
1,1'-Biphenyl
Concen: 39.173 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion:154 Resp: 1007640
Ion Ratio Lower Upper
154 100
153 40.9 20.7 60.7
76 10.2 0.0 31.9

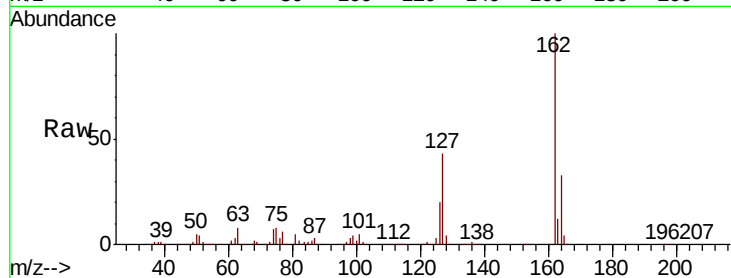




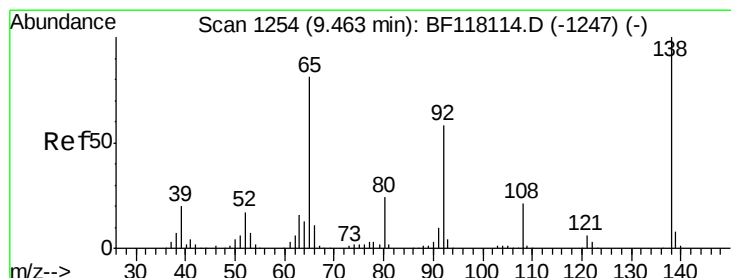
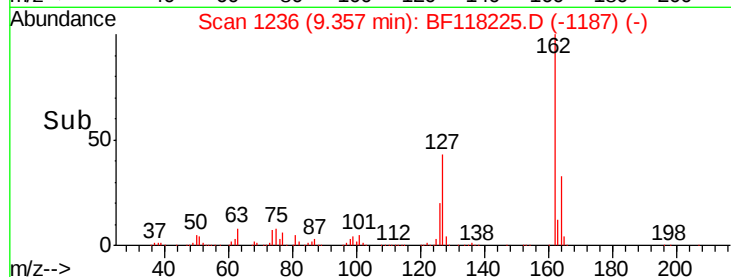
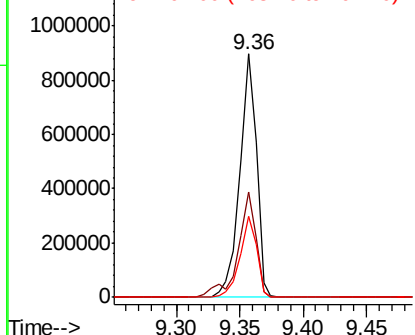
#47
2-Chloronaphthalene
Concen: 39.035 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 807692
Ion Ratio Lower Upper
162 100
127 43.3 32.0 48.0
164 33.1 26.1 39.1

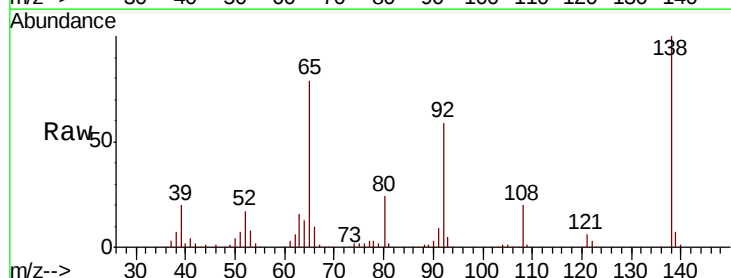


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

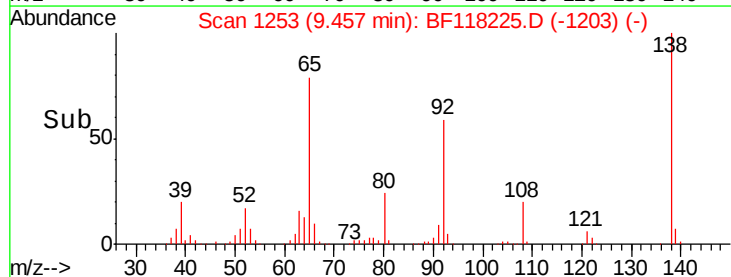
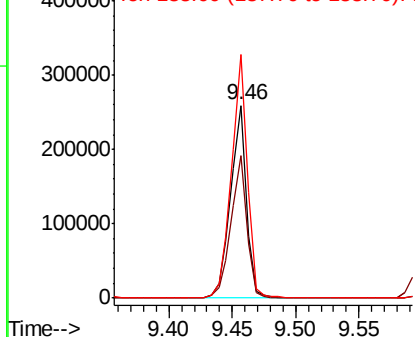


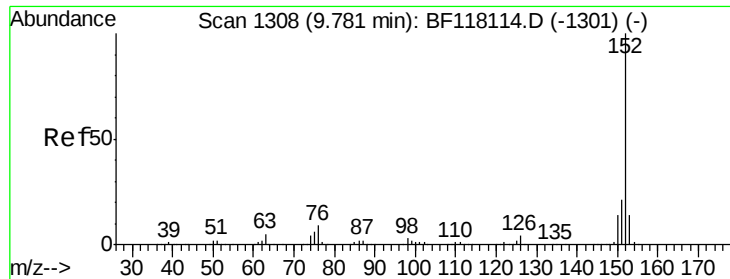
#48
2-Nitroaniline
Concen: 38.106 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion: 65 Resp: 224847
Ion Ratio Lower Upper
65 100
92 74.1 57.8 86.6
138 126.1 98.8 148.2



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: 38.666 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampleId :

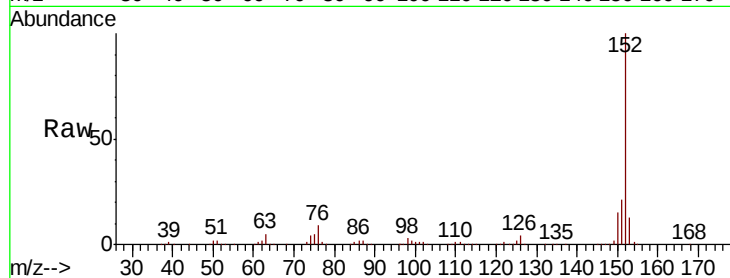
Tot Ion:152 Resp: 1180014

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

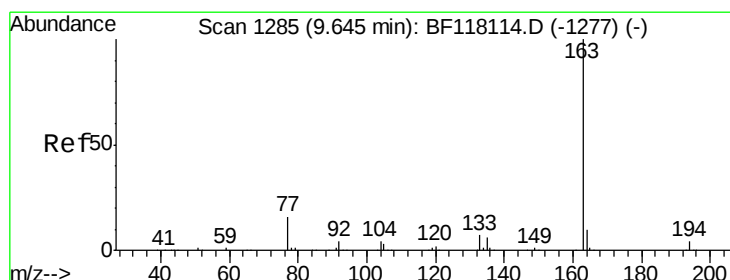
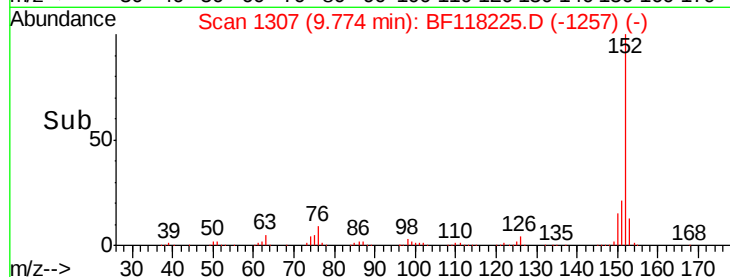
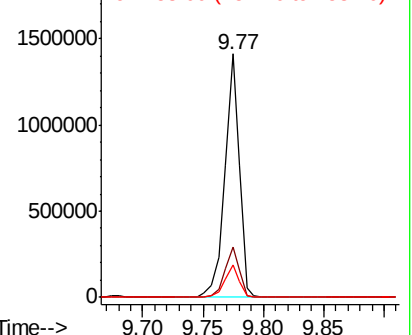
153 13.4 10.8 16.2



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: 38.817 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

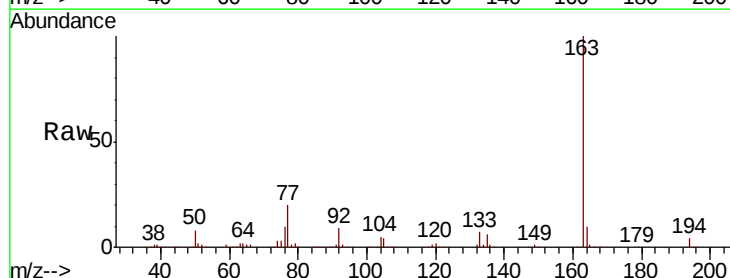
Tgt Ion:163 Resp: 935124

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

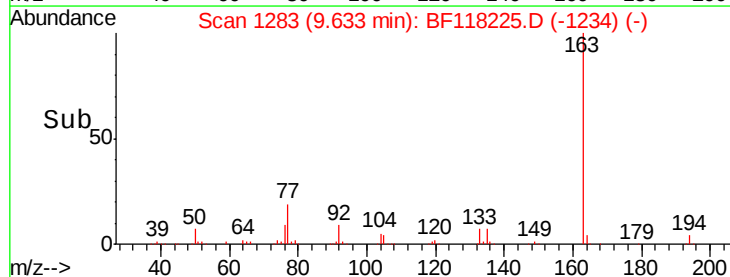
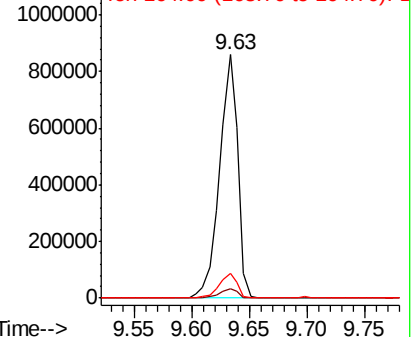
164 10.4 7.7 11.5

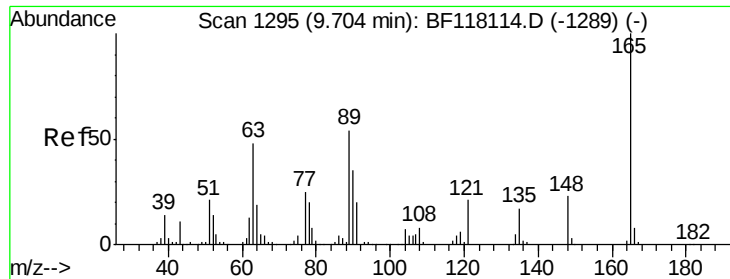


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

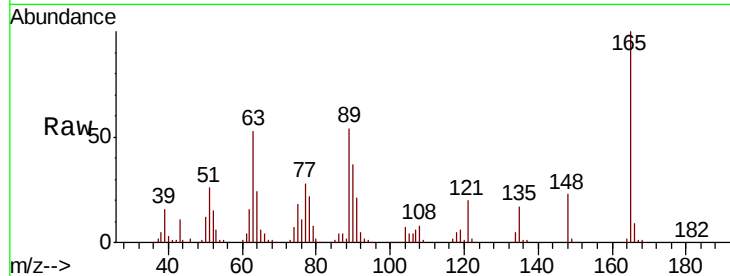




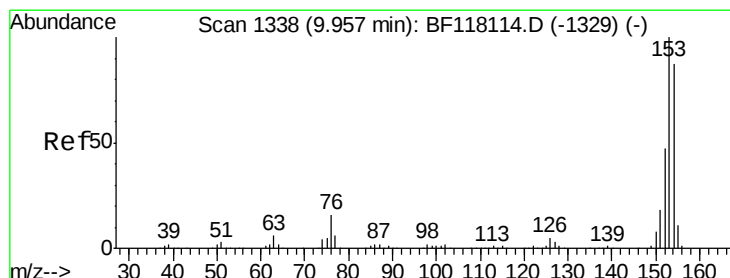
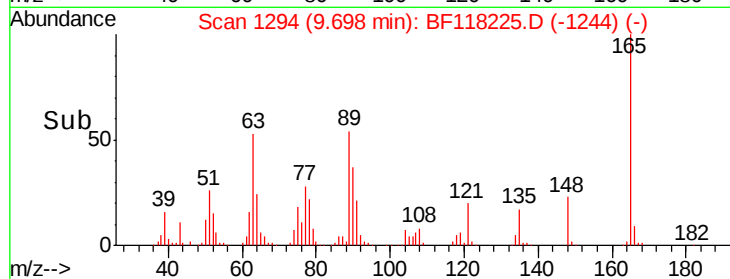
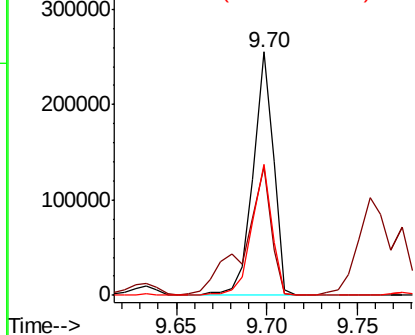
#51
2,6-Dinitrotoluene
Concen: 38.240 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.9	41.4	62.0
89	54.0	42.9	64.3

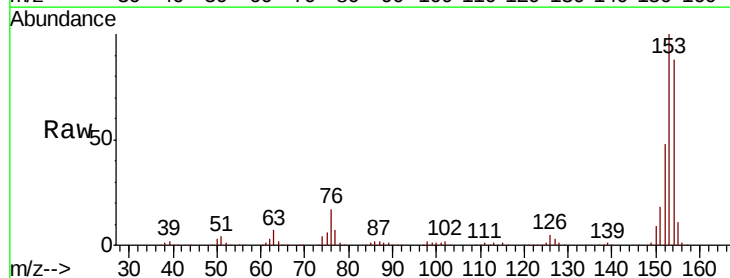


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

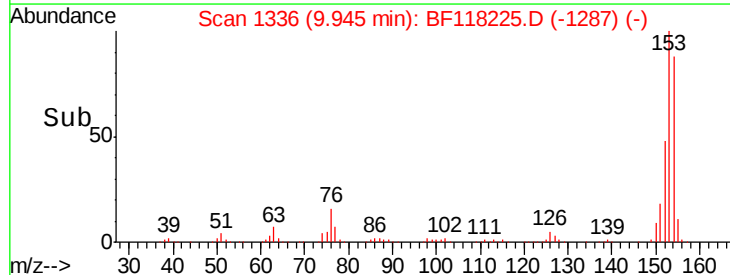
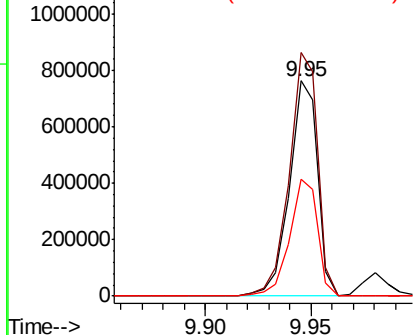


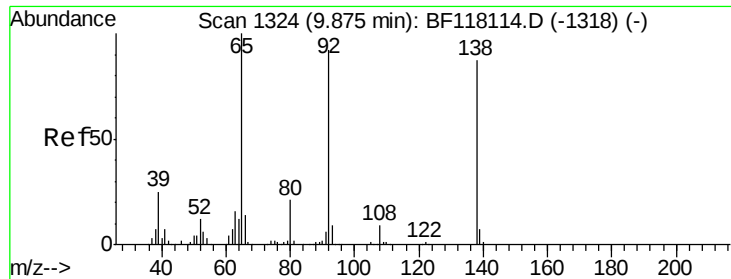
#52
Acenaphthene
Concen: 38.389 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.8	137.6
152	54.3	43.3	64.9



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

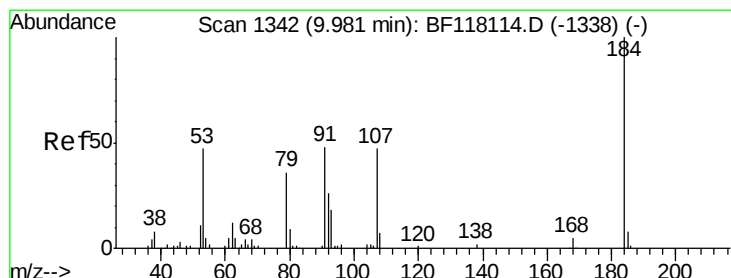
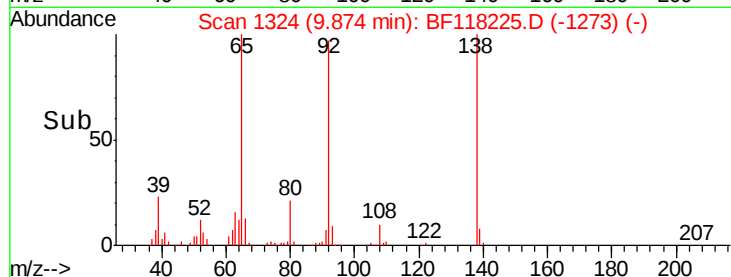
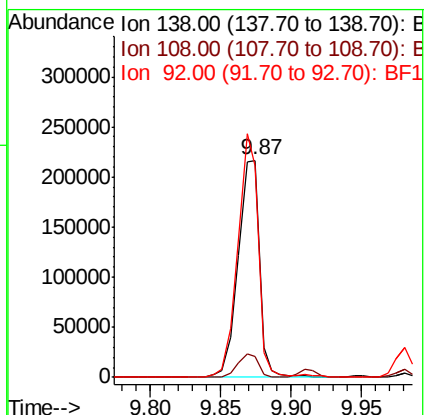
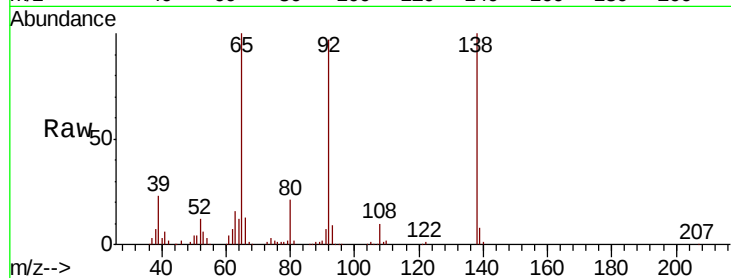




#53
3-Nitroaniline
Concen: 37.135 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

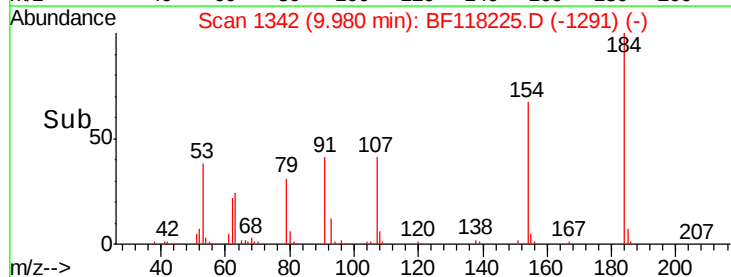
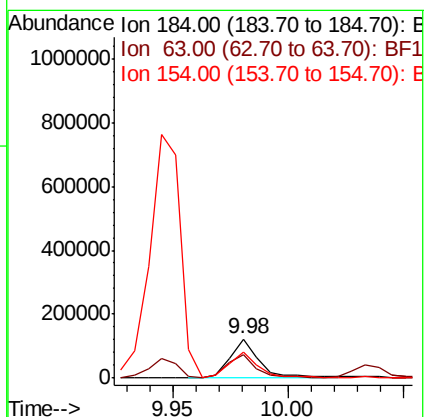
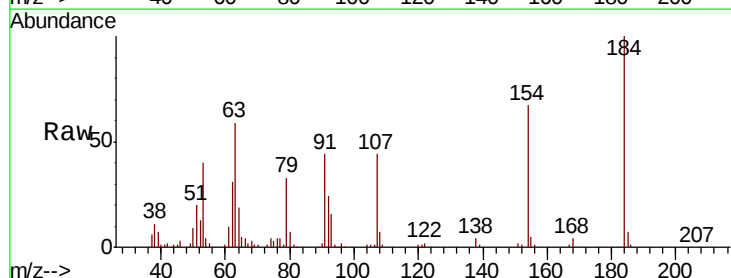
Instrument :
BNA_F
ClientSampleId :

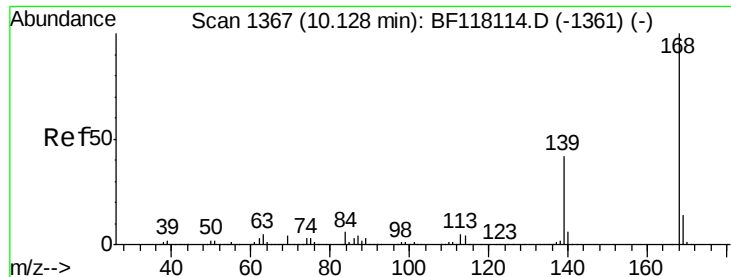
Tot Ion:138 Resp: 228924
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.4
92 97.5 84.9 127.3



#54
2,4-Dinitrophenol
Concen: 41.244 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion:184 Resp: 107488
Ion Ratio Lower Upper
184 100
63 59.4 53.9 80.9
154 66.9 56.3 84.5

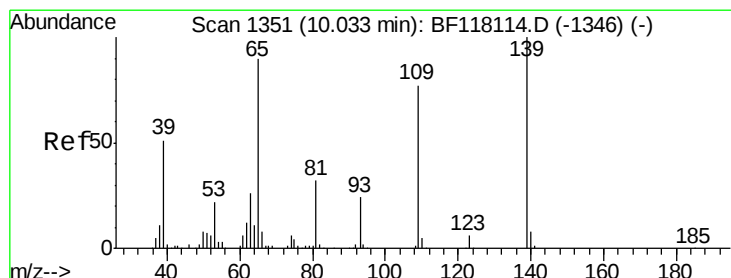
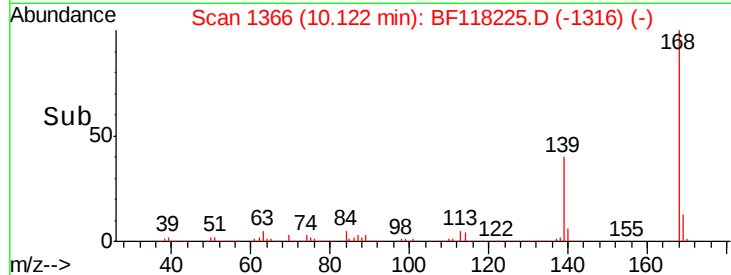
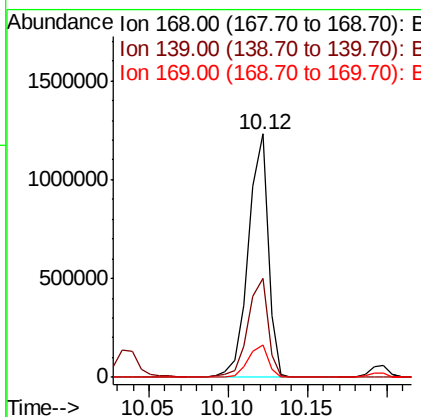
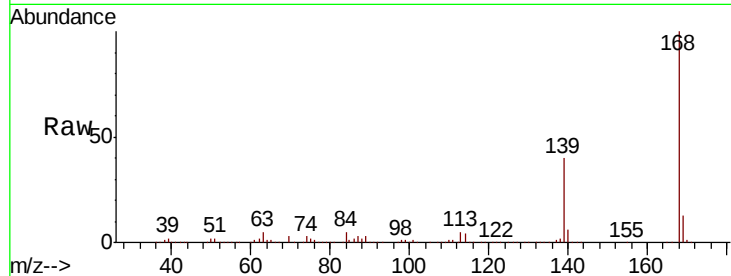




#55
Dibenzenofuran
Concen: 38.987 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

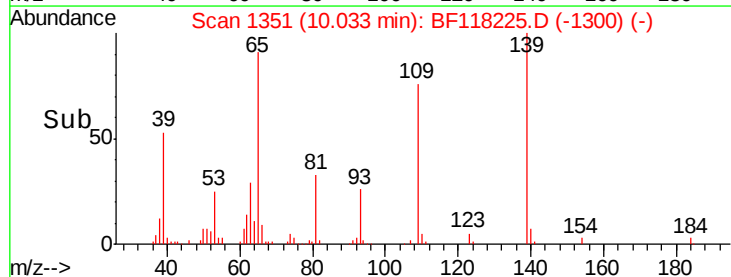
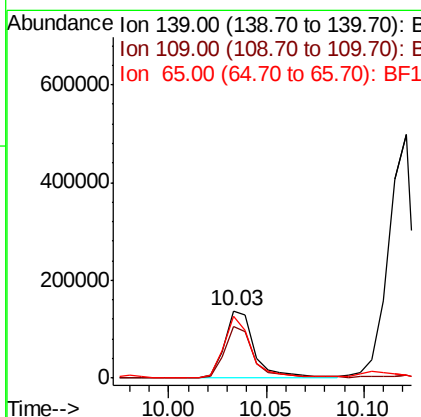
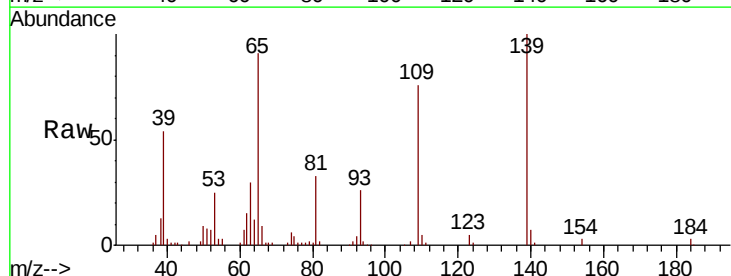
Instrument :
BNA_F
ClientSampleId :

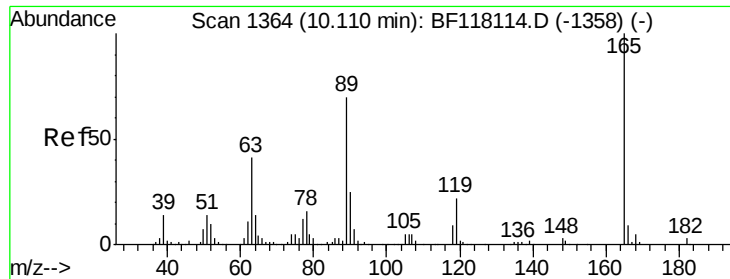
Tot Ion:168 Resp: 1064116
Ion Ratio Lower Upper
168 100
139 40.4 33.4 50.0
169 13.2 11.0 16.6



#56
4-Nitrophenol
Concen: 34.334 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion:139 Resp: 146890
Ion Ratio Lower Upper
139 100
109 76.4 57.3 97.3
65 91.5 70.2 110.2

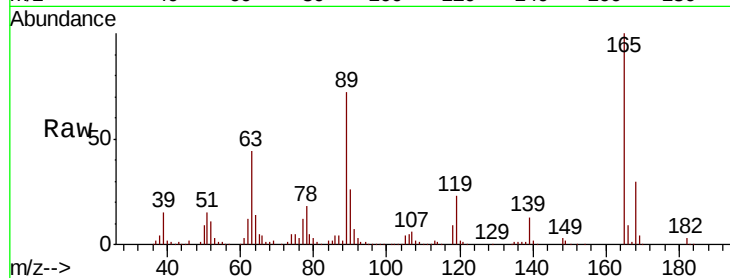




#57
2,4-Dinitrotoluene
Concen: 38.521 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.2	32.6	49.0
89	72.0	56.1	84.1
182	2.8	2.1	3.1



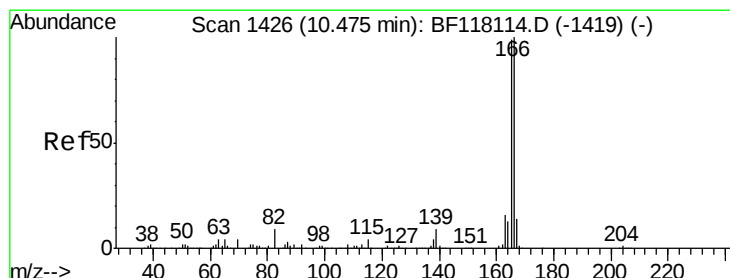
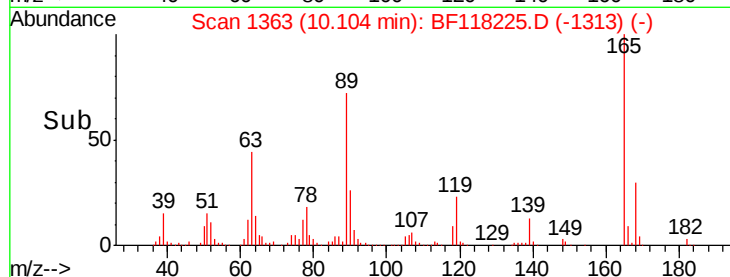
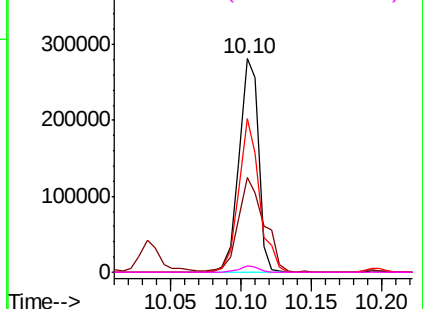
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

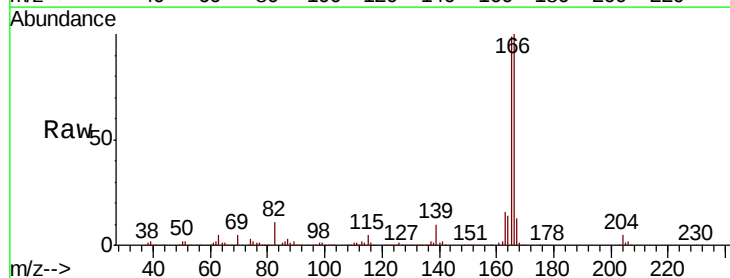
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.163 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.4
167	13.5	10.9	16.3

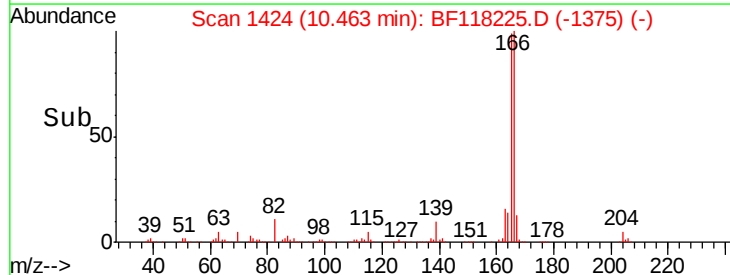
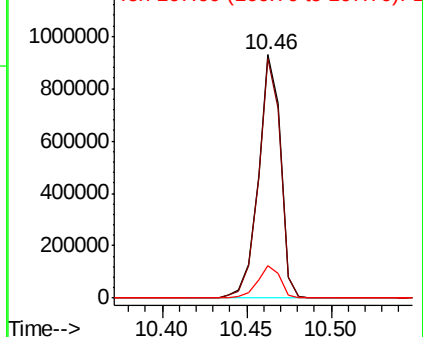


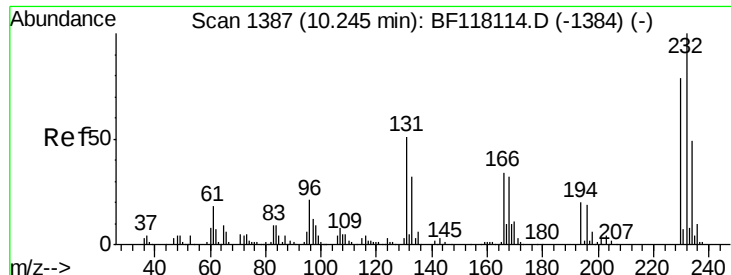
Abundance

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: 37.687 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 212501

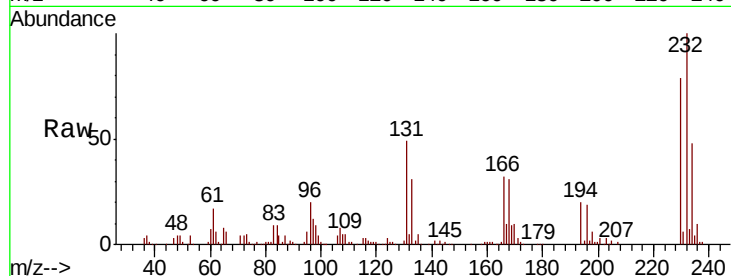
Ion Ratio Lower Upper

232 100

131 49.3 38.8 58.2

130 2.3 1.9 2.9

166 31.6 25.4 38.0

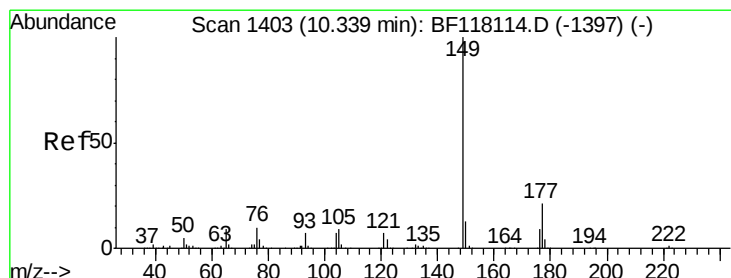
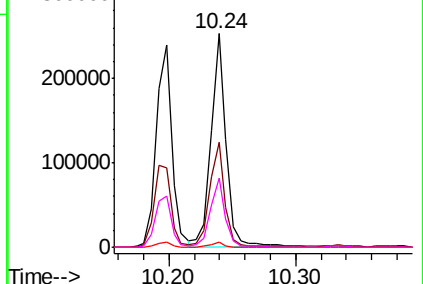
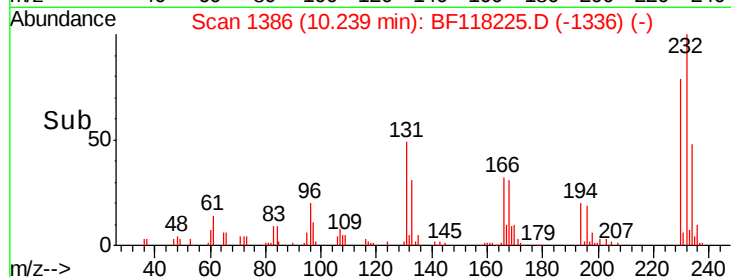


Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.813 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

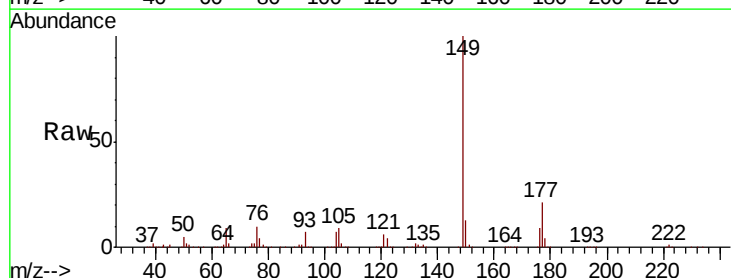
Tgt Ion:149 Resp: 921238

Ion Ratio Lower Upper

149 100

177 21.5 17.0 25.4

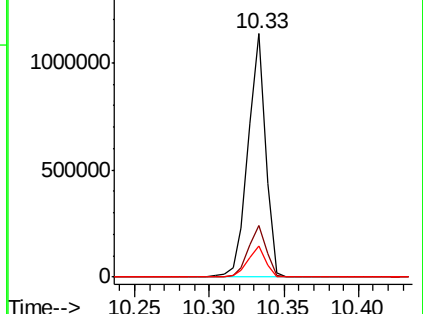
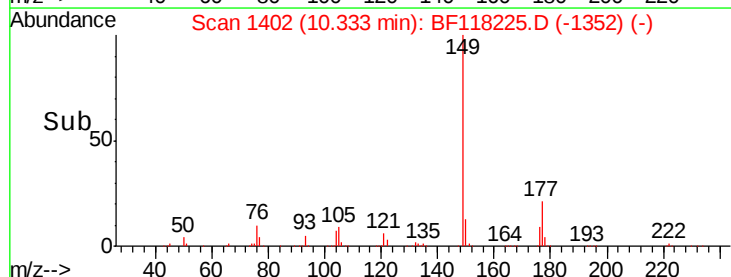
150 12.8 10.1 15.1

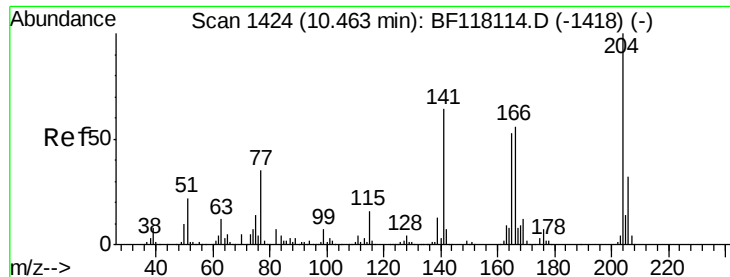


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

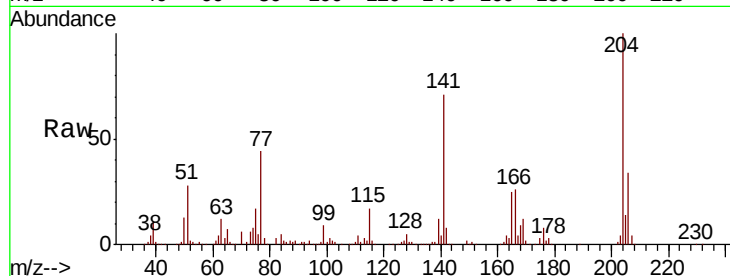




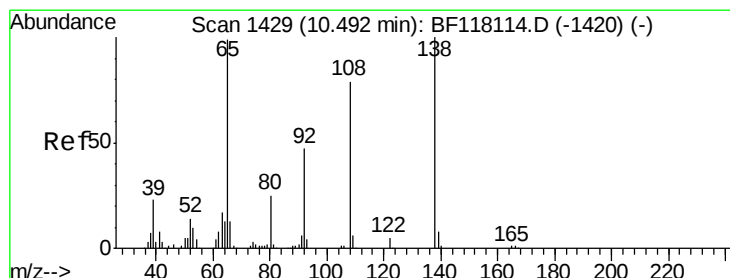
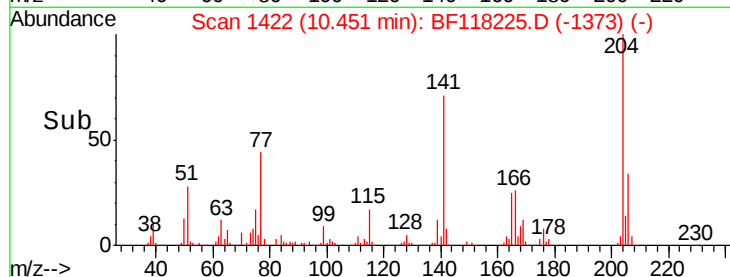
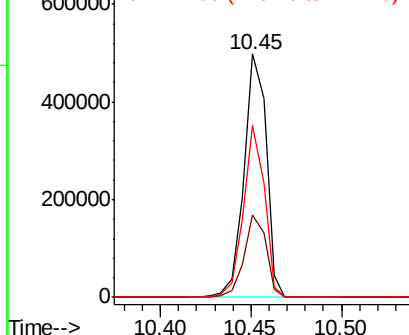
#61
4-Chlorophenyl-phenylether
Concen: 38.954 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 425140
Ion Ratio Lower Upper
204 100
206 33.7 26.0 39.0
141 70.7 51.0 76.6

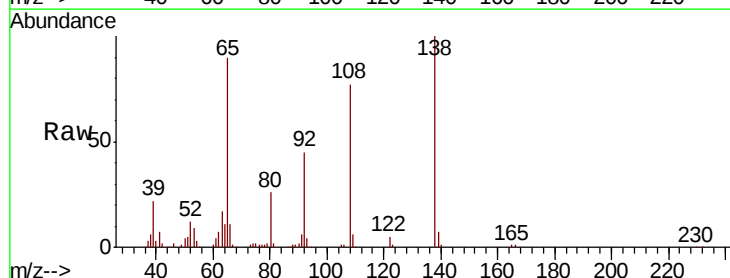


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

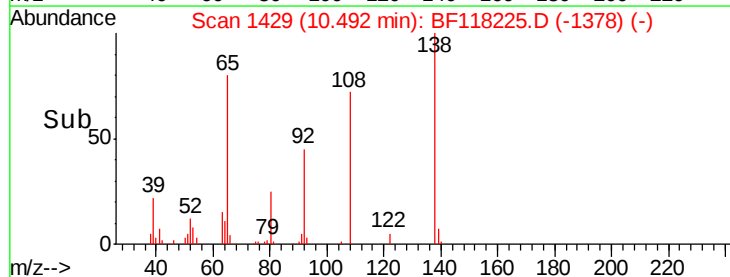
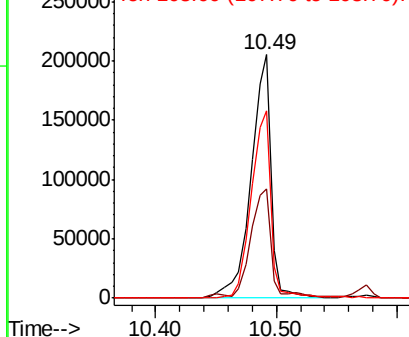


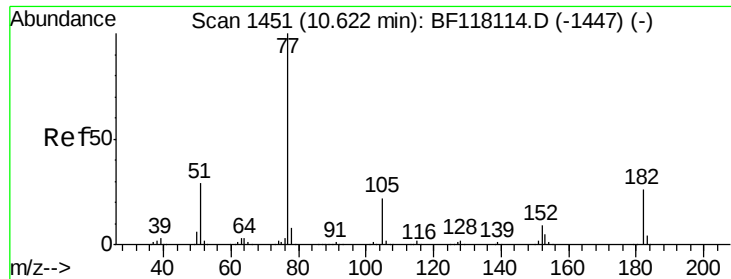
#62
4-Nitroaniline
Concen: 37.315 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion:138 Resp: 239919
Ion Ratio Lower Upper
138 100
92 44.8 27.1 67.1
108 76.9 59.0 99.0



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





#63

Azobenzene

Concen: 38.667 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 783457

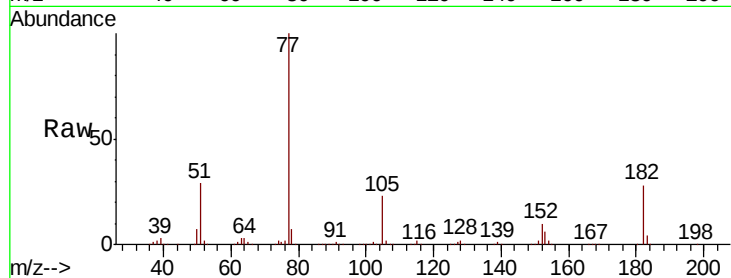
Ion Ratio Lower Upper

77 100

182 28.3 5.7 45.7

105 22.9 2.2 42.2

51 28.6 9.6 49.6

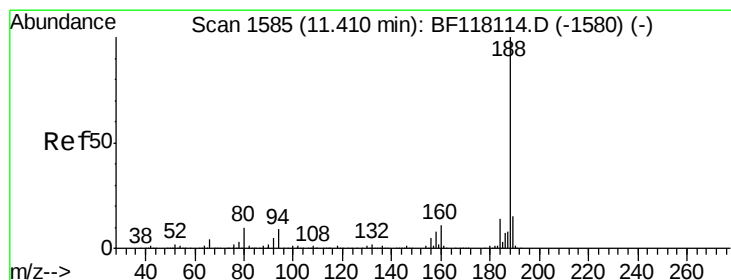
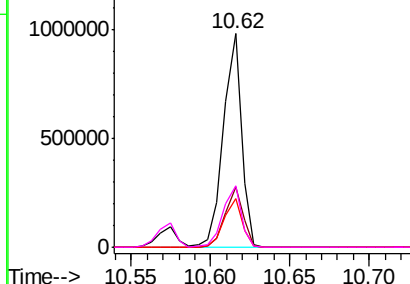
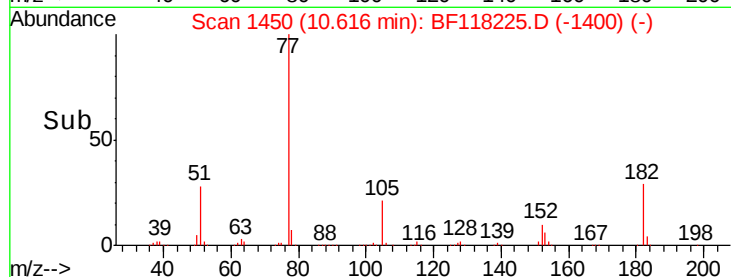


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

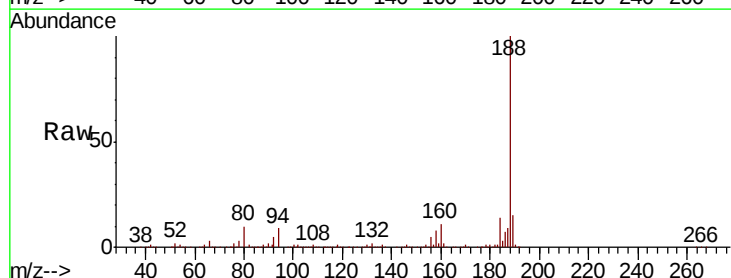
Tgt Ion: 188 Resp: 598814

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

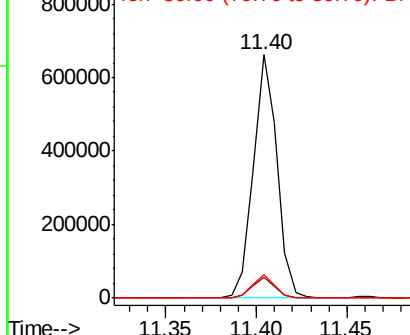
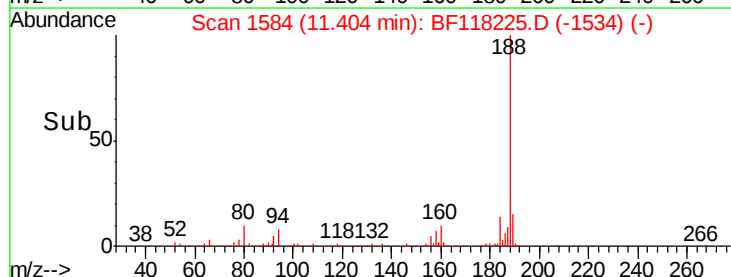
80 9.6 7.9 11.9

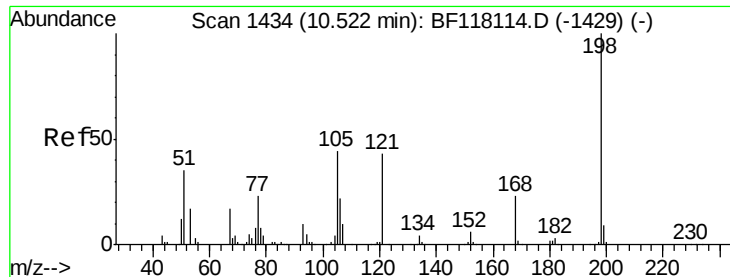


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 36.940 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampled :

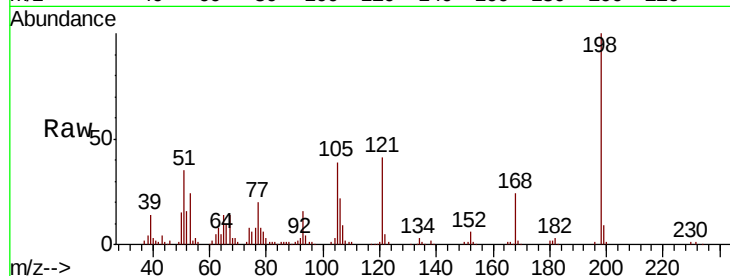
Tot Ion:198 Resp: 122159

Ion Ratio Lower Upper

198 100

51 34.7 22.0 62.0

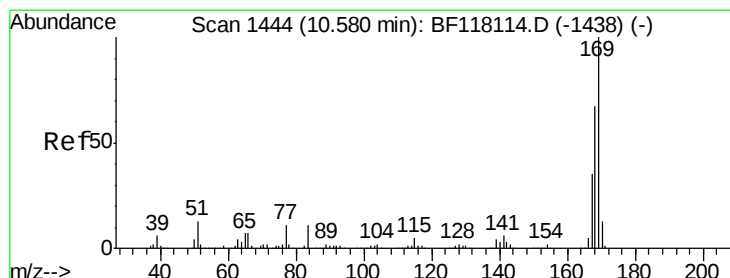
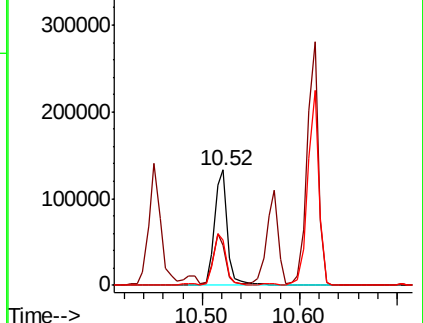
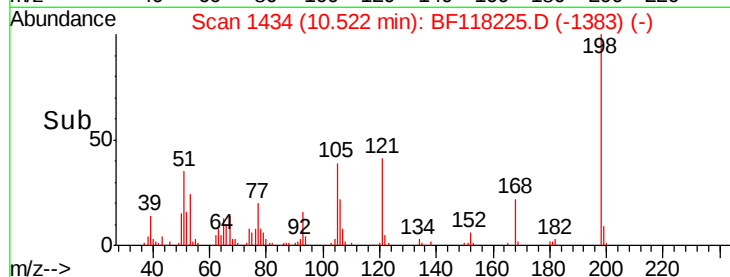
105 39.1 25.6 65.6



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: 39.239 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

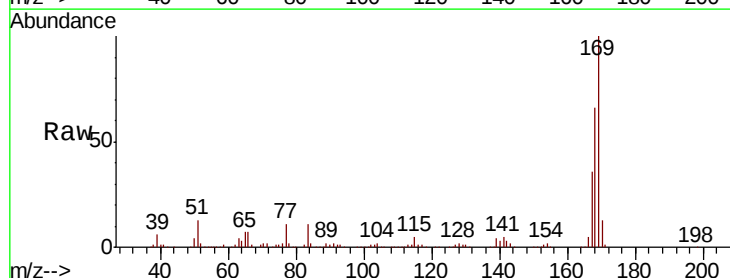
Tgt Ion:169 Resp: 733759

Ion Ratio Lower Upper

169 100

168 66.4 53.4 80.2

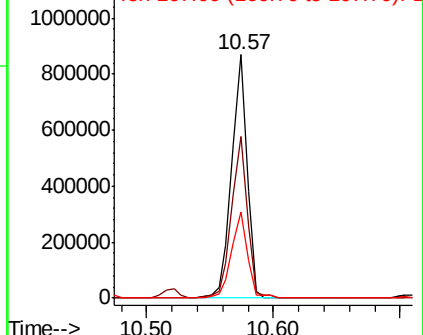
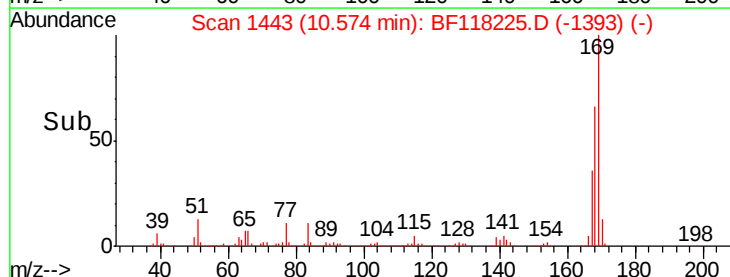
167 35.5 28.4 42.6

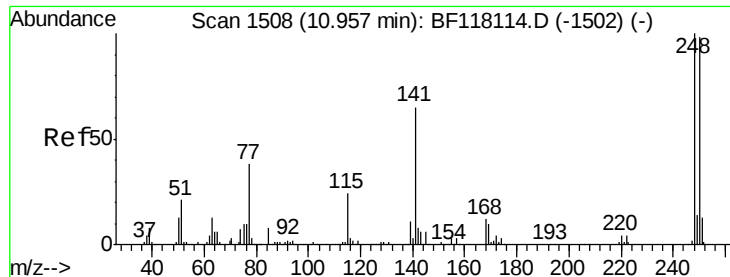


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

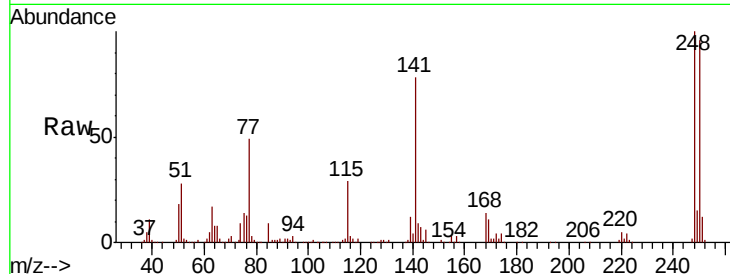




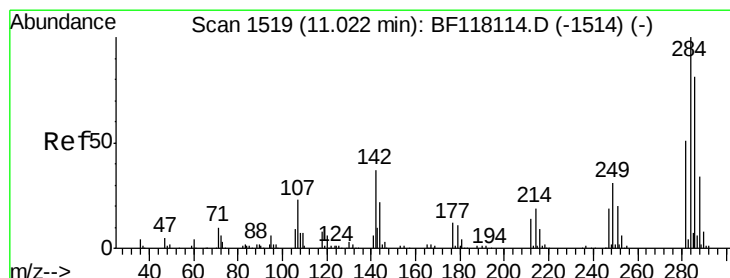
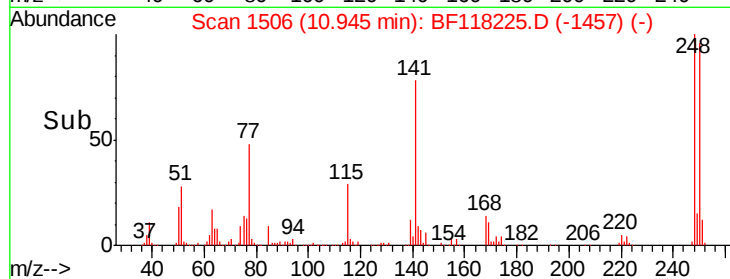
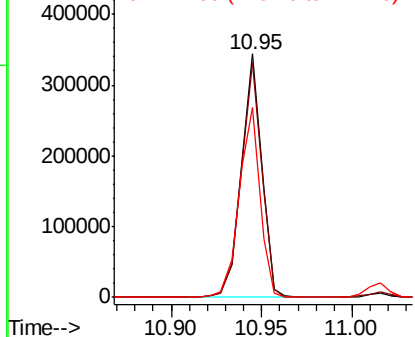
#67
 4-Bromophenyl-phenylether
 Concen: 39.457 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 269714
 Ion Ratio Lower Upper
 248 100
 250 96.4 78.3 117.5
 141 78.1 52.2 78.4

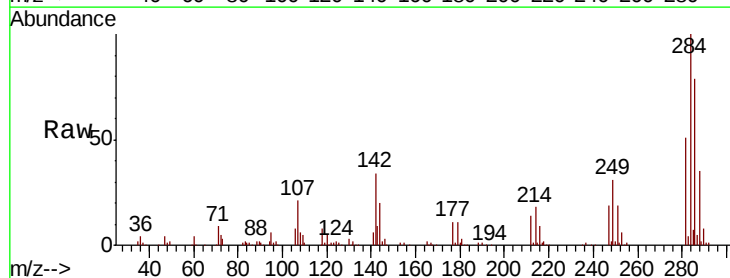


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

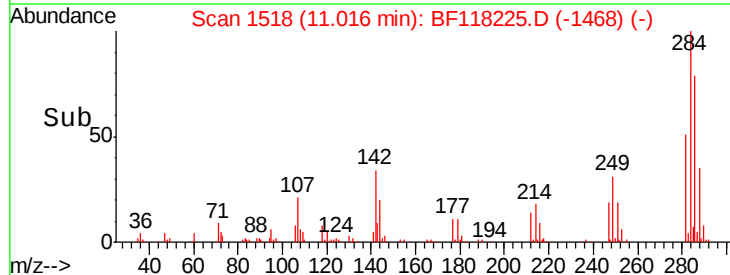
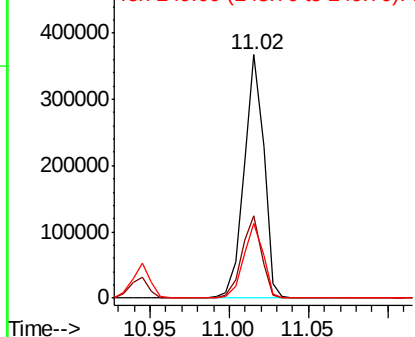


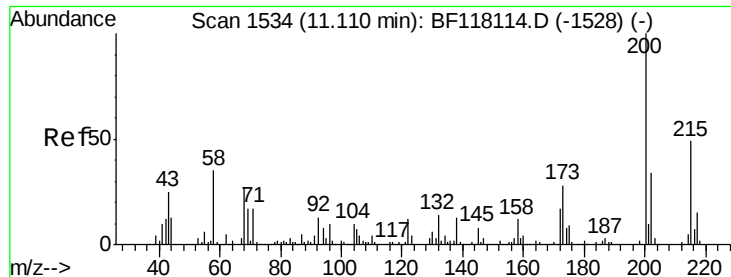
#68
 Hexachlorobenzene
 Concen: 39.194 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Tgt Ion:284 Resp: 315336
 Ion Ratio Lower Upper
 284 100
 142 33.8 29.7 44.5
 249 30.9 24.6 37.0



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

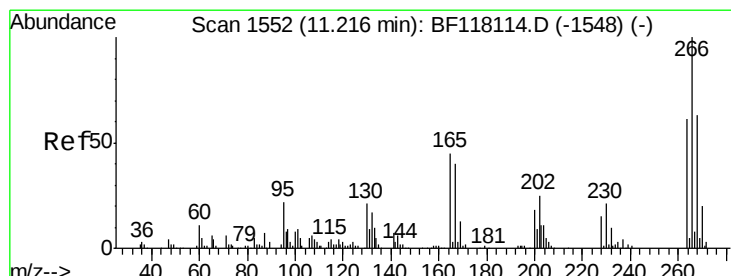
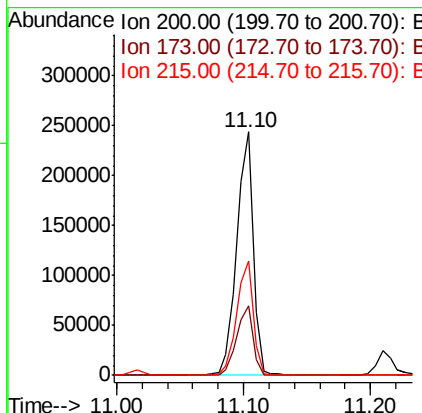
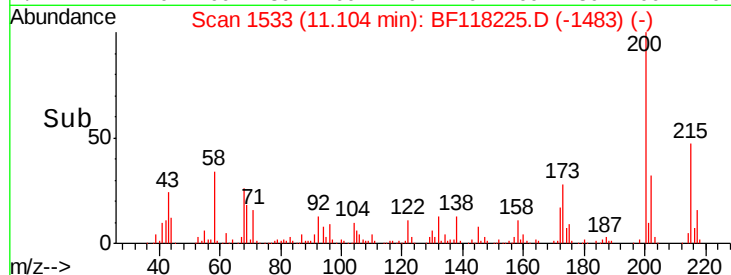
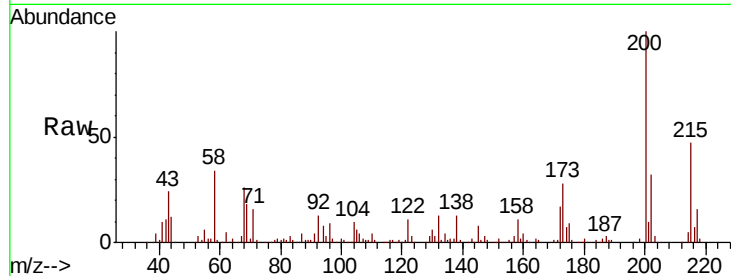




#69
Atrazine
Concen: 43.307 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

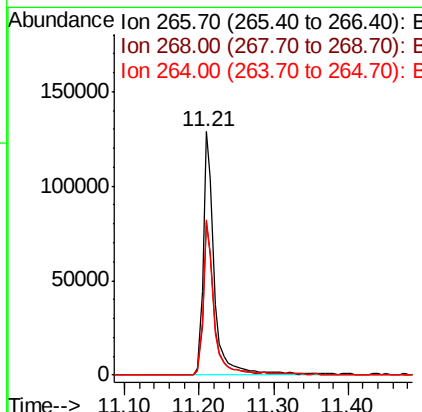
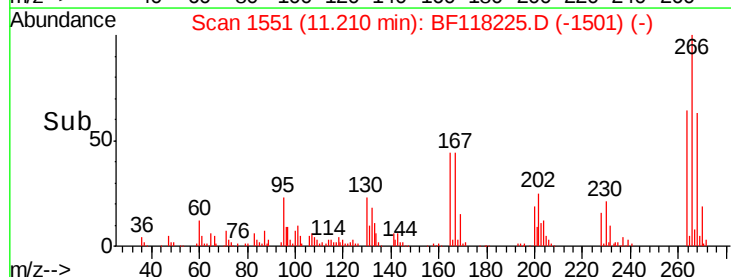
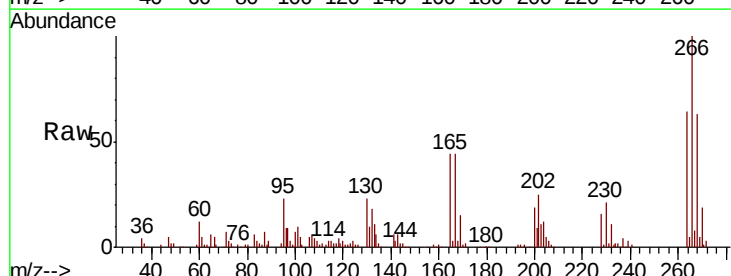
Instrument :
BNA_F
ClientSampleId :

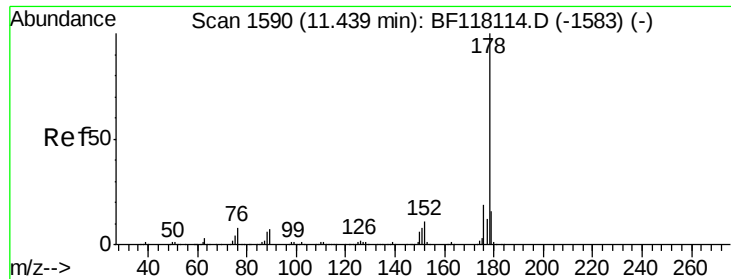
Tot Ion:200 Resp: 218821
Ion Ratio Lower Upper
200 100
173 28.4 8.1 48.1
215 46.9 29.0 69.0



#70
Pentachlorophenol
Concen: 36.554 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion:266 Resp: 138306
Ion Ratio Lower Upper
266 100
268 62.8 50.7 76.1
264 63.7 48.7 73.1

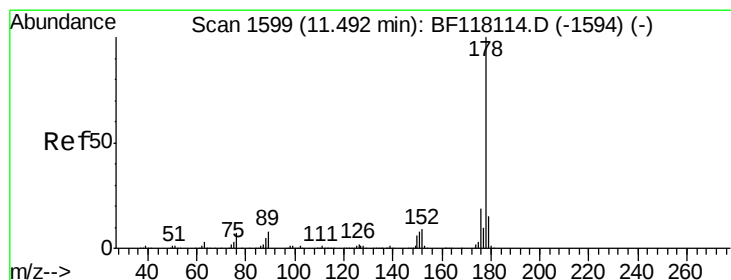
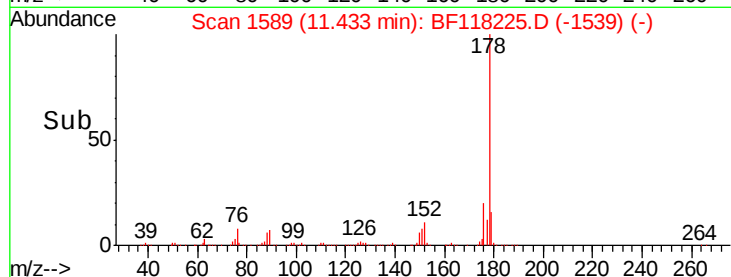
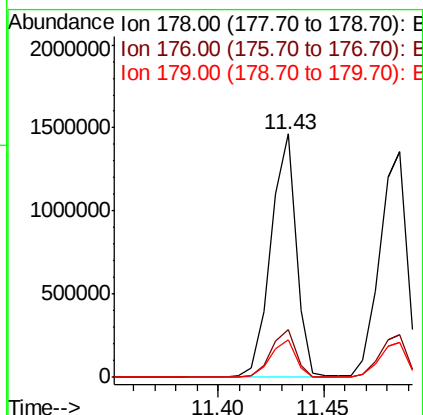
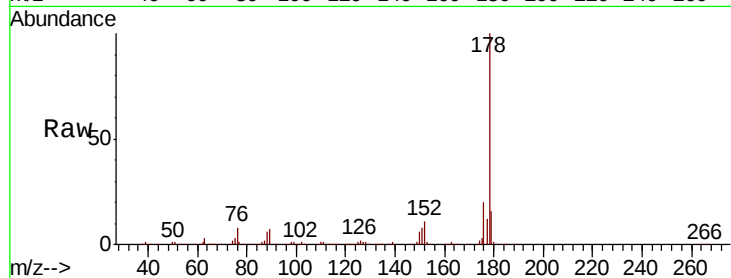




#71
Phenanthrene
Concen: 38.539 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

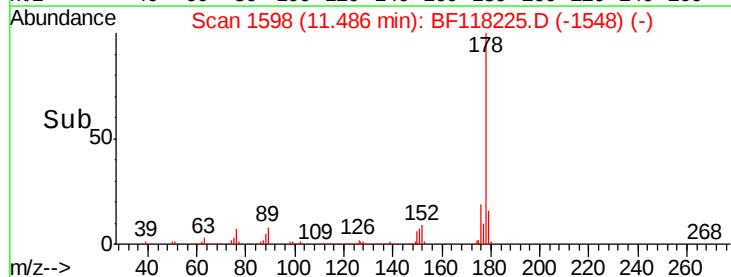
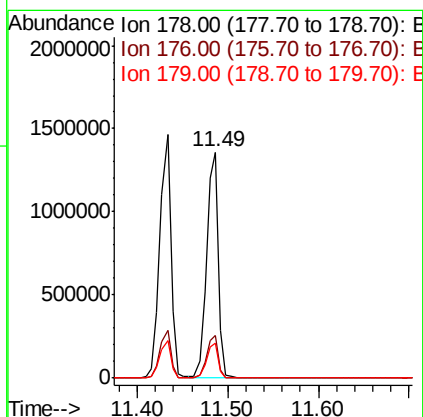
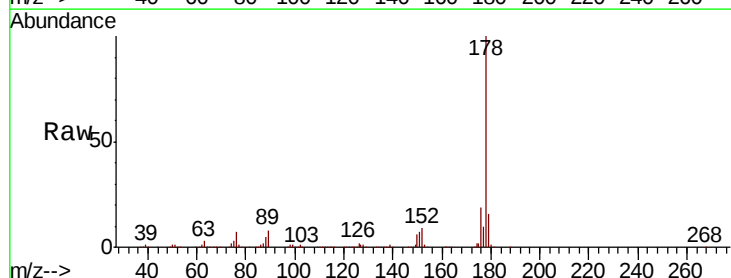
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1226770
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.6 12.6 18.8



#72
Anthracene
Concen: 39.337 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion:178 Resp: 1249160
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.6 12.2 18.4



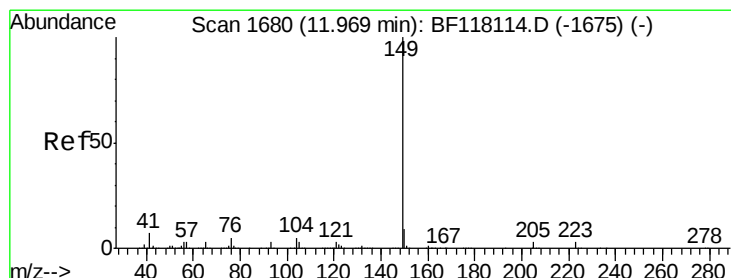
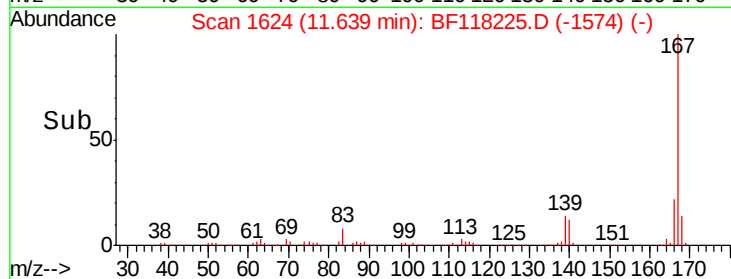
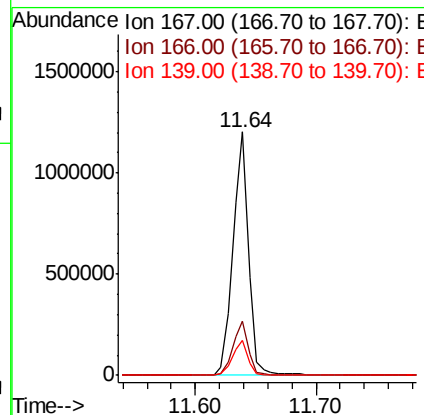
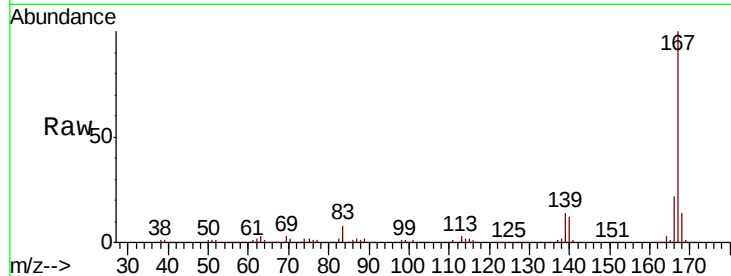


#73
 Carbazole
 Concen: 37.854 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1078500

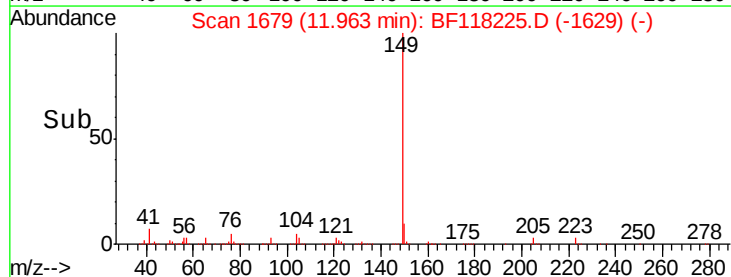
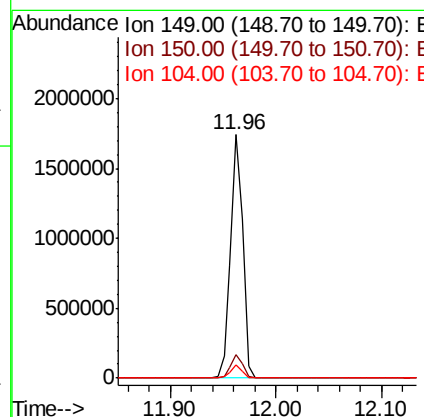
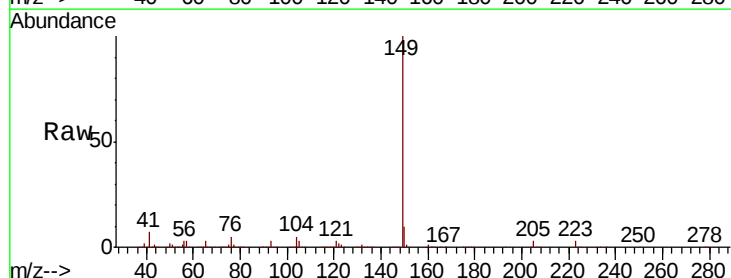
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.2
139	14.4	11.4	17.0

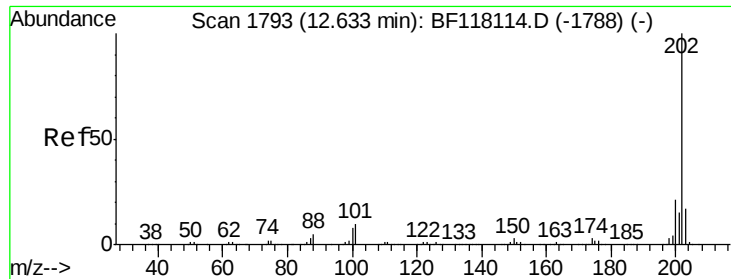


#74
 Di-n-butylphthalate
 Concen: 39.348 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Tgt Ion:149 Resp: 1403029

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	5.3	4.3	6.5

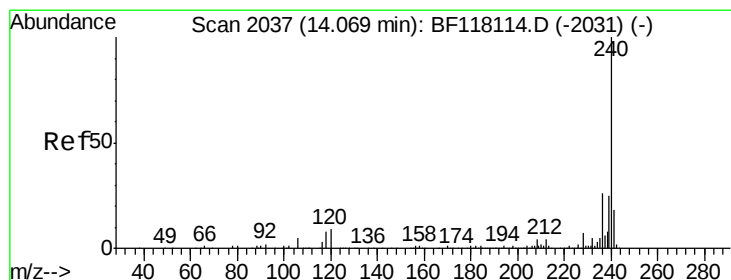
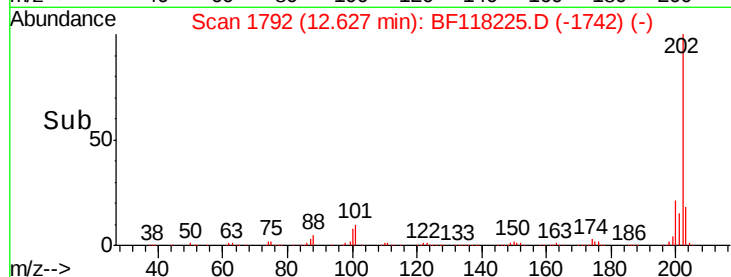
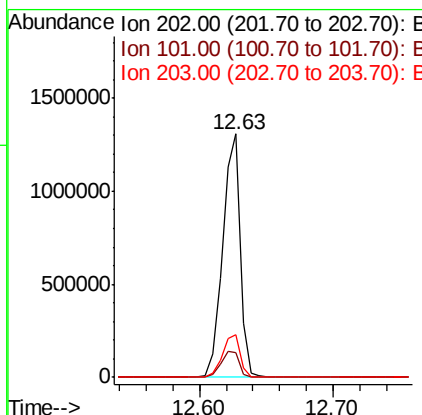
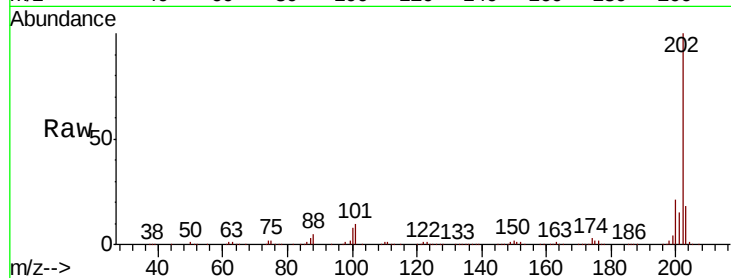




#75
 Fluoranthene
 Concen: 37.283 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

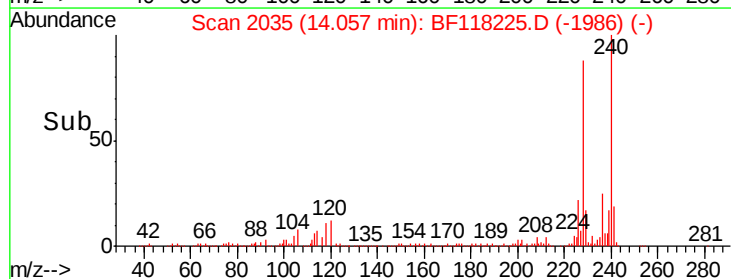
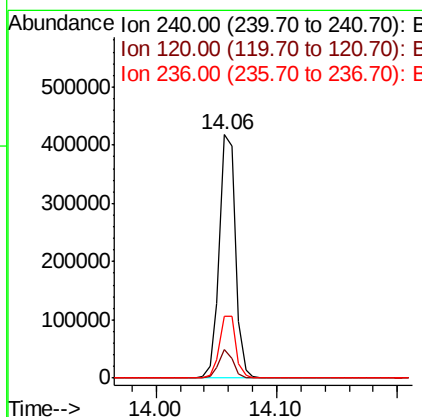
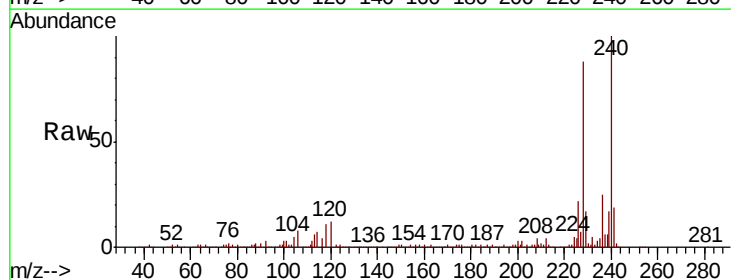
Instrument :
 BNA_F
 ClientSampleId :

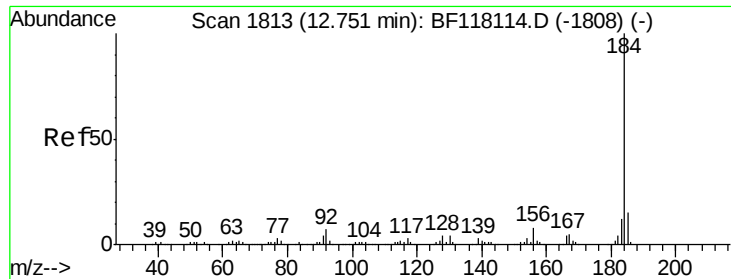
Tot Ion:202 Resp: 1213404
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 30.4
 203 17.7 0.0 37.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Tgt Ion:240 Resp: 384387
 Ion Ratio Lower Upper
 240 100
 120 11.9 7.1 10.7#
 236 25.4 21.0 31.6

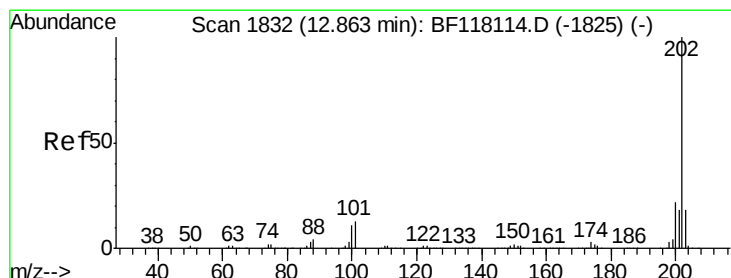
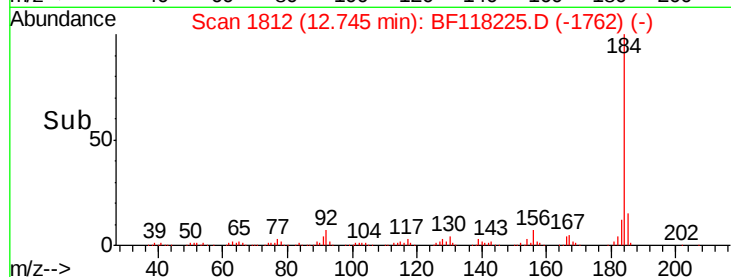
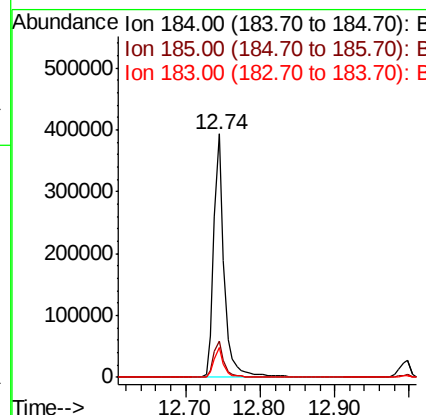
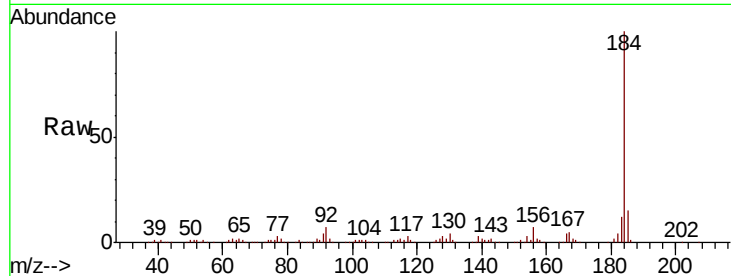




#77
Benzidine
Concen: 38.152 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

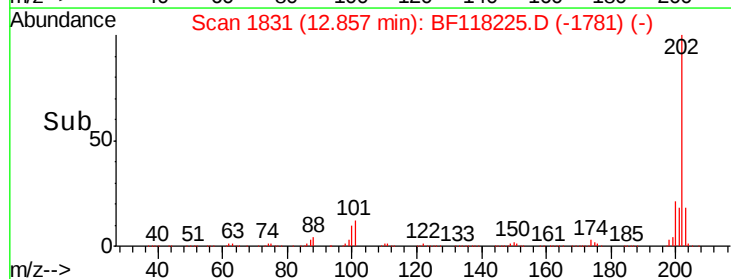
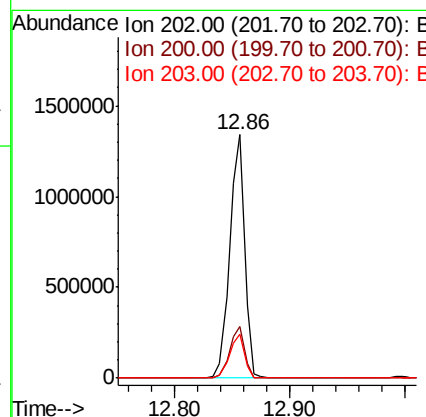
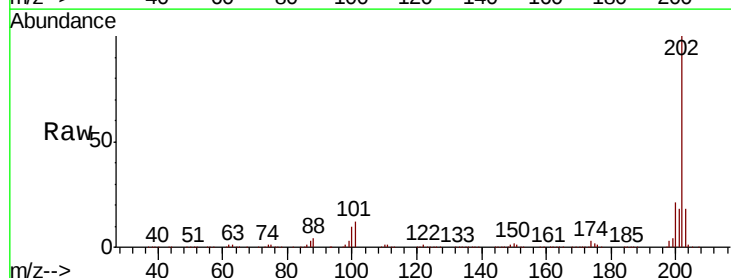
Instrument :
BNA_F
ClientSampled :

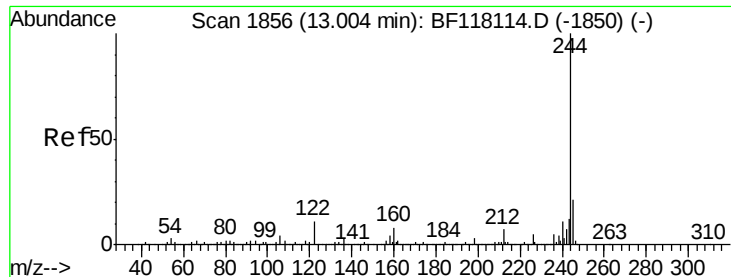
Tot Ion:184 Resp: 386062
Ion Ratio Lower Upper
184 100
185 14.9 12.3 18.5
183 12.0 9.9 14.9



#78
Pyrene
Concen: 39.617 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion:202 Resp: 1200044
Ion Ratio Lower Upper
202 100
200 21.3 17.5 26.3
203 18.2 14.6 21.8





#79

Terphenyl-d14

Concen: 81.230 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampleId :

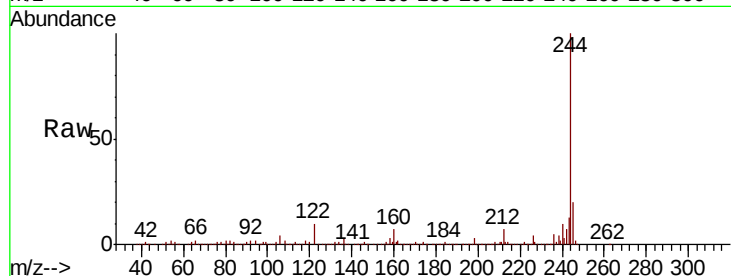
Tot Ion:244 Resp: 1815726

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

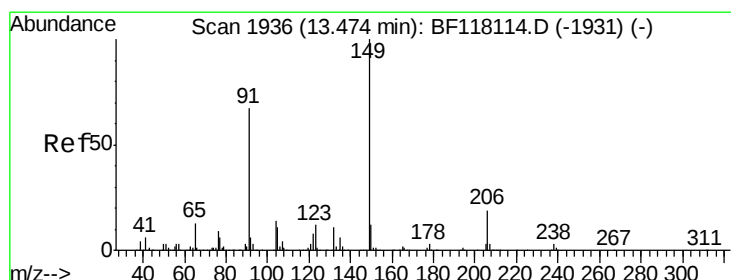
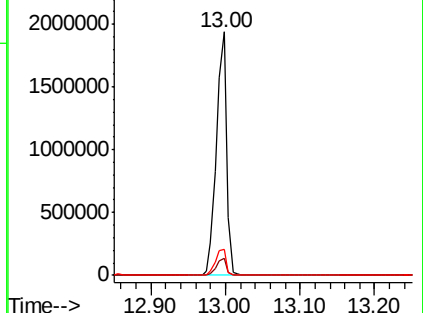
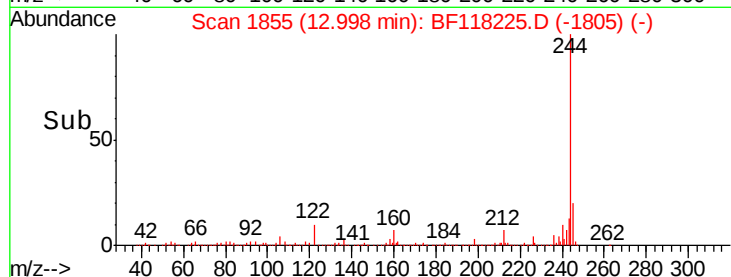
122 10.5 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.260 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

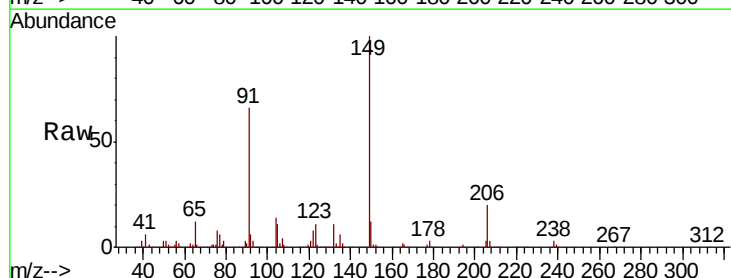
Tgt Ion:149 Resp: 552310

Ion Ratio Lower Upper

149 100

91 65.6 53.9 80.9

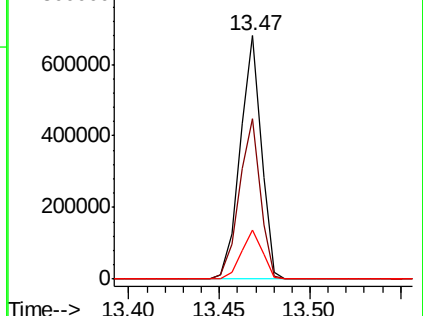
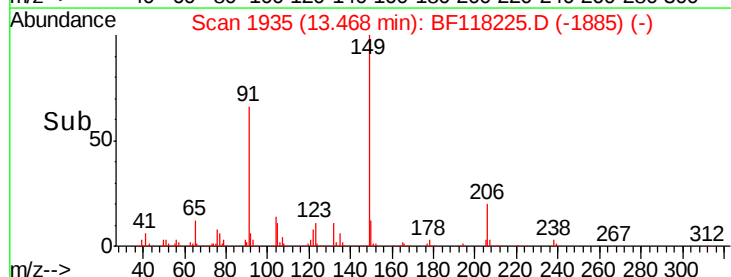
206 20.0 15.2 22.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.366 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampled :

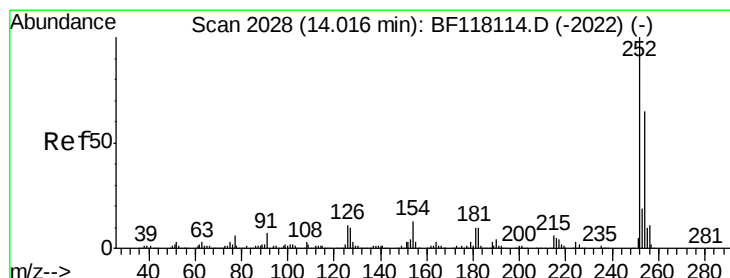
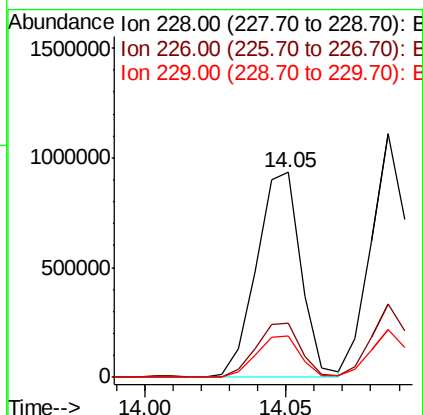
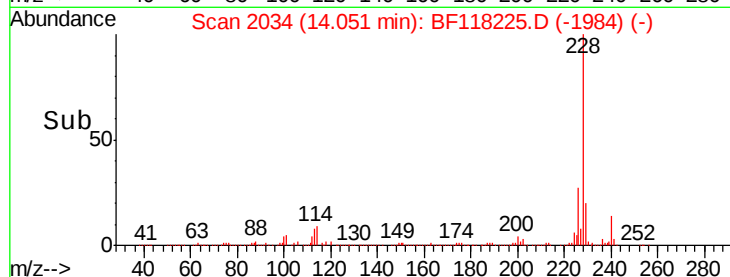
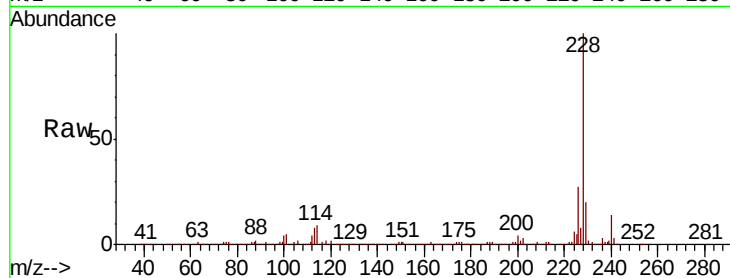
Tot Ion:228 Resp: 1019740

Ion Ratio Lower Upper

228 100

226 26.5 21.8 32.8

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 38.330 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

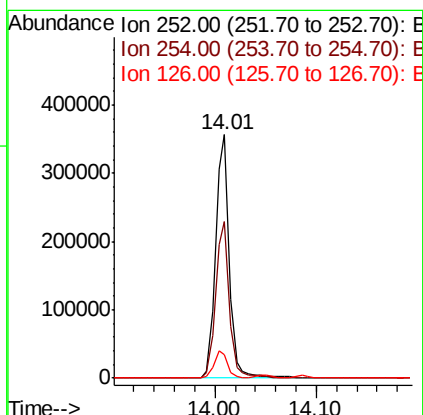
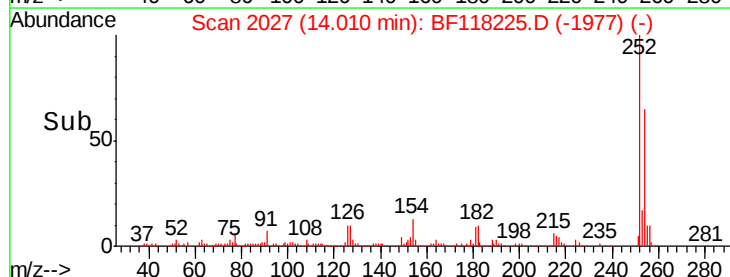
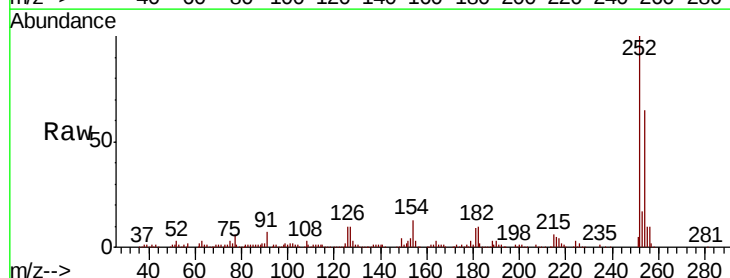
Tgt Ion:252 Resp: 334592

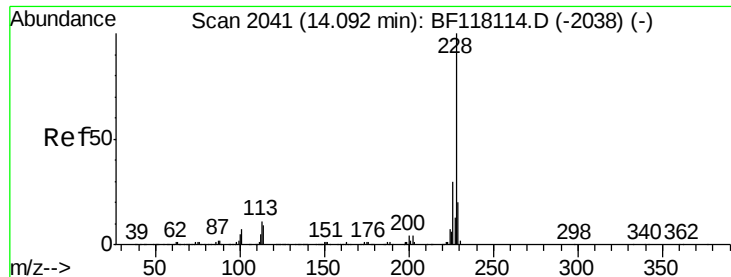
Ion Ratio Lower Upper

252 100

254 64.5 52.2 78.4

126 9.8 8.6 13.0





#83

Chrysene

Concen: 37.851 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampled :

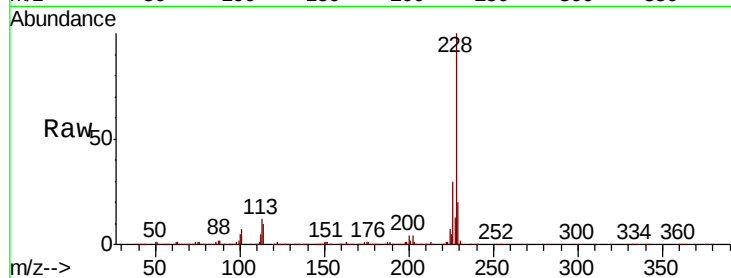
Tot Ion:228 Resp: 961014

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

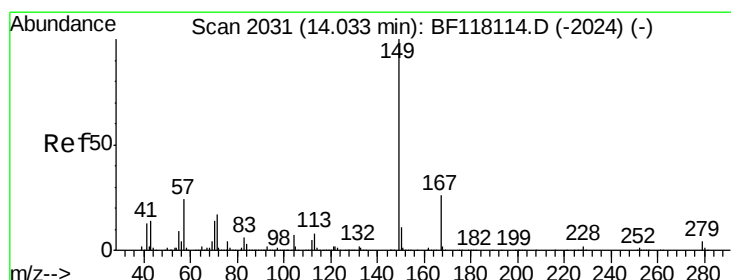
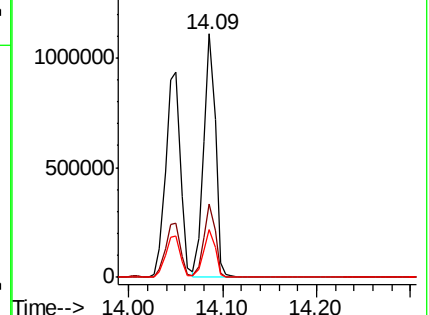
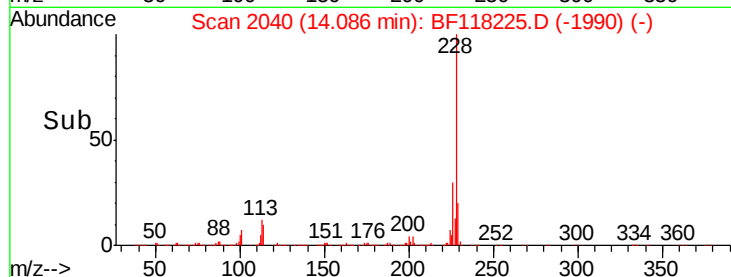
229 19.7 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.665 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

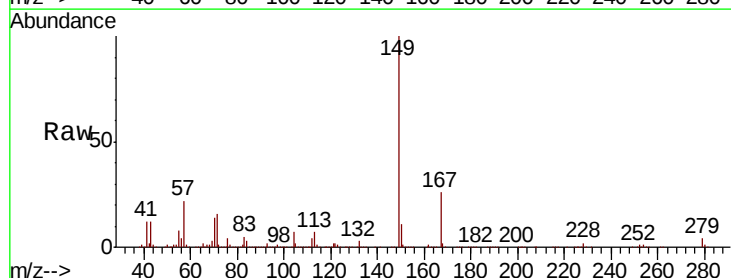
Tgt Ion:149 Resp: 735592

Ion Ratio Lower Upper

149 100

167 26.2 20.8 31.2

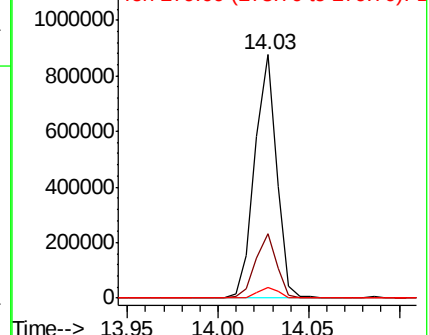
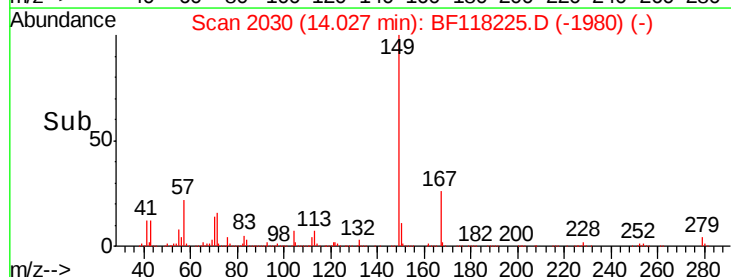
279 4.1 2.9 4.3

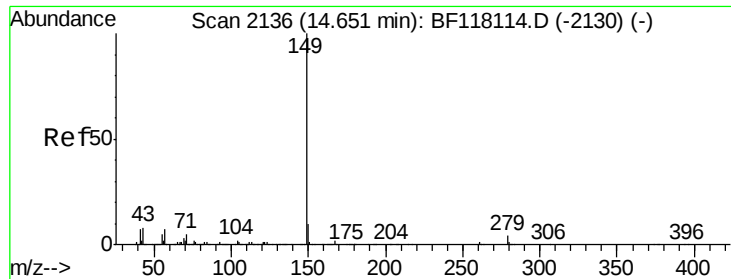


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.017 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampled :

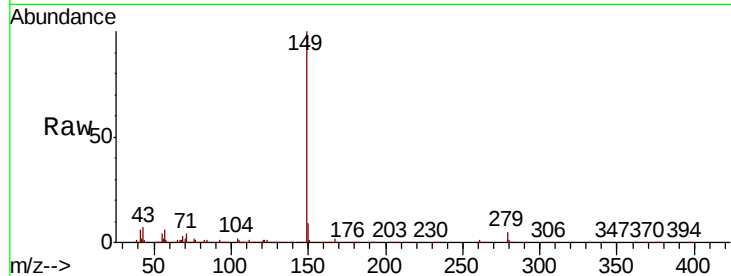
Tot Ion:149 Resp: 1069163

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

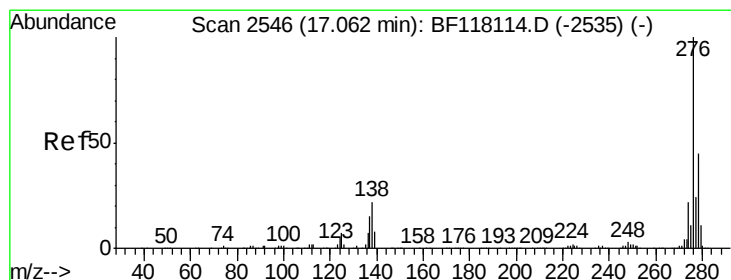
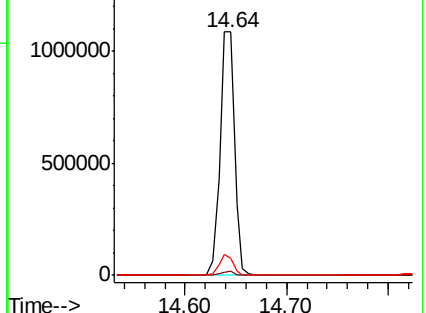
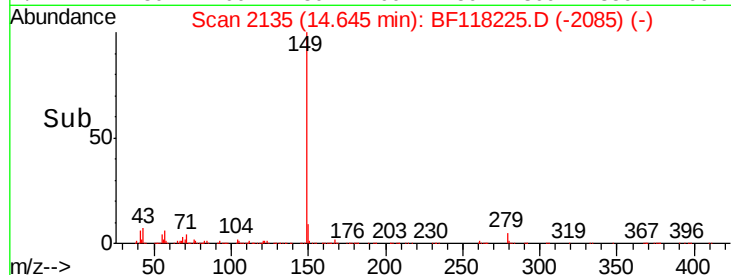
43 8.1 6.5 9.7



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: 38.223 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

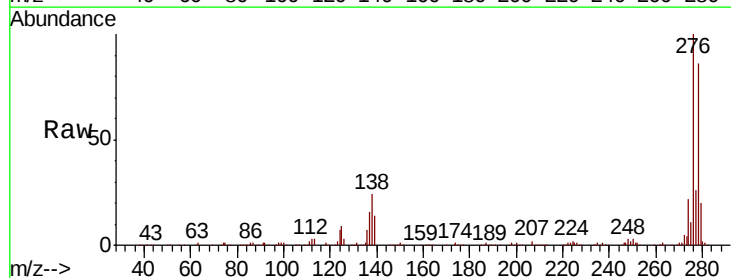
Tgt Ion:276 Resp: 816550

Ion Ratio Lower Upper

276 100

138 23.7 18.9 28.3

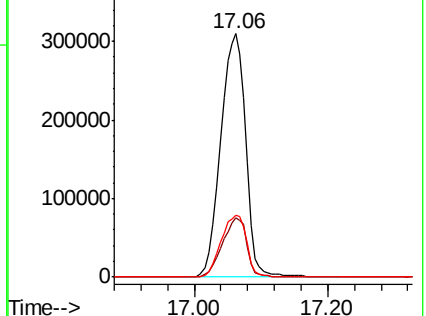
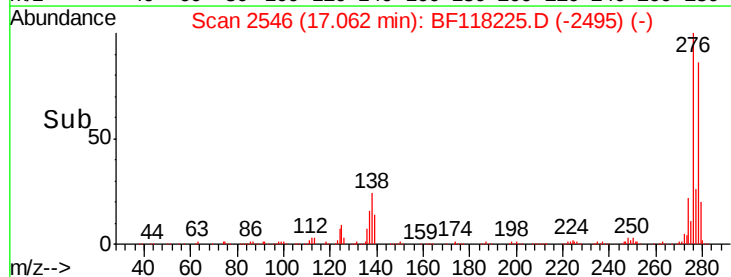
277 26.1 20.4 30.6

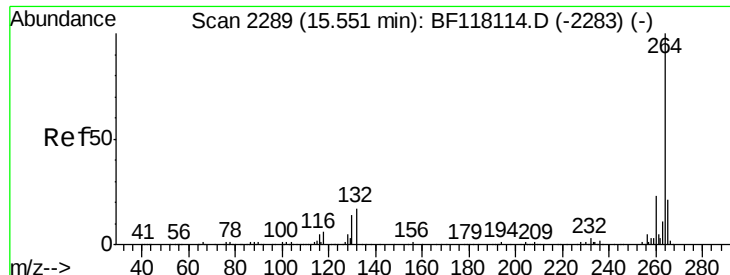


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

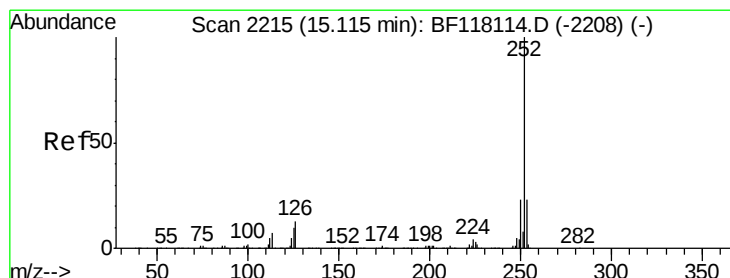
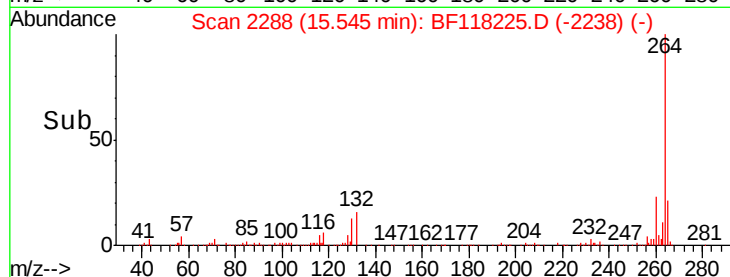
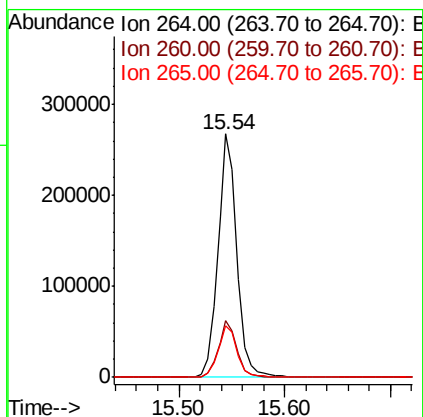
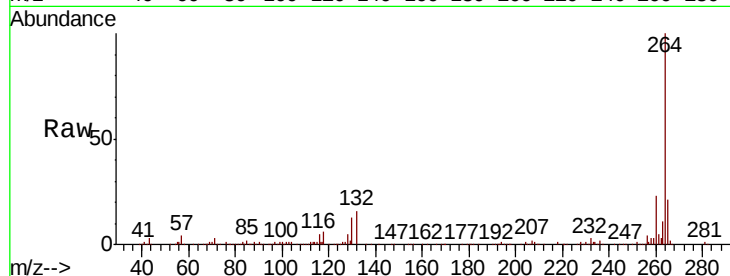




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

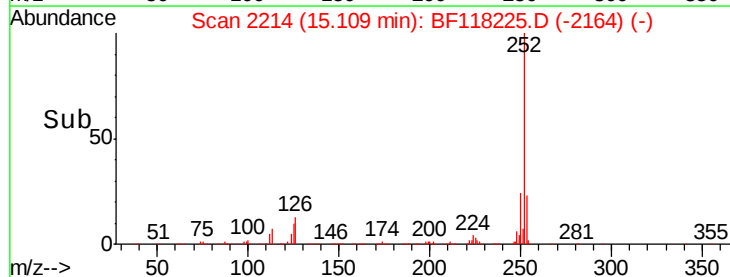
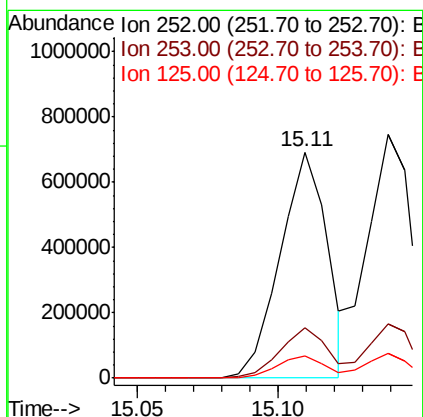
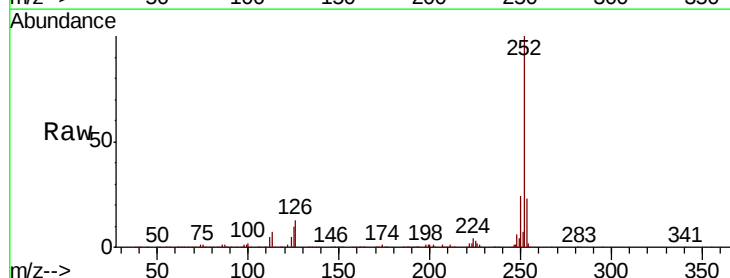
Instrument :
BNA_F
ClientSampleId :

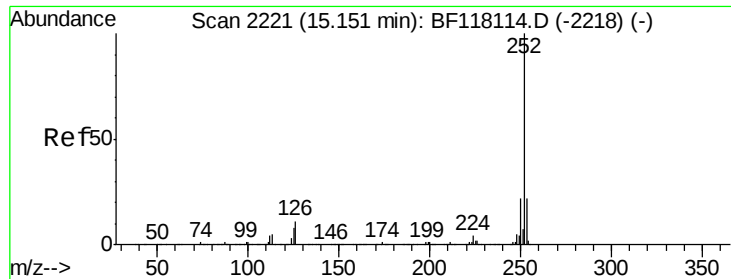
Tot Ion:264 Resp: 334723
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.3 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 36.331 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion:252 Resp: 804266
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 9.7 8.3 12.5

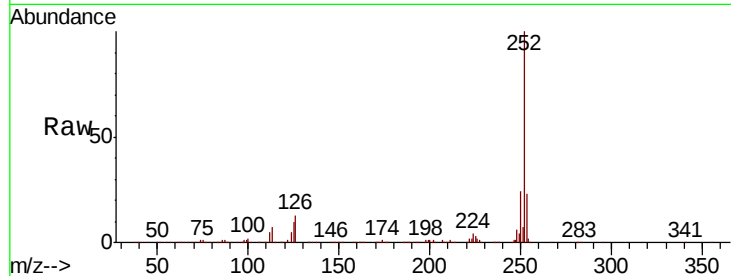




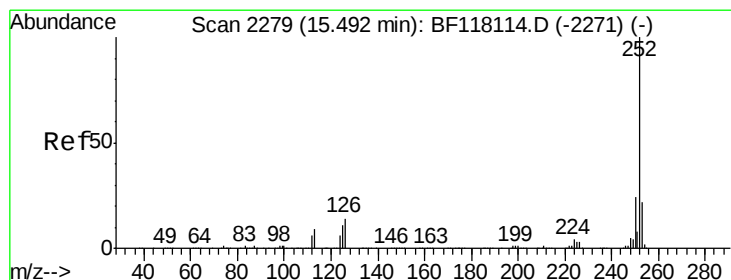
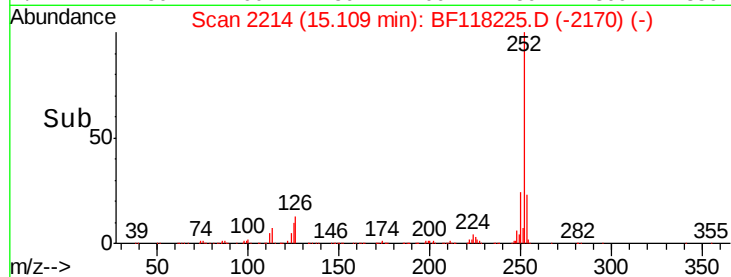
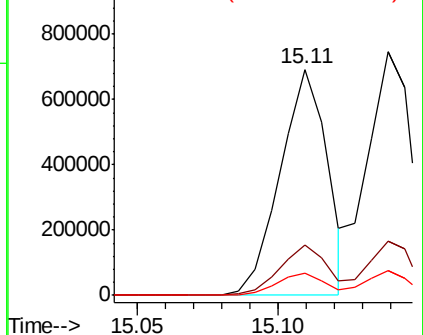
#89
Benzo(k)fluoranthene
Concen: 37.818 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.04 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	9.7	6.7	10.1

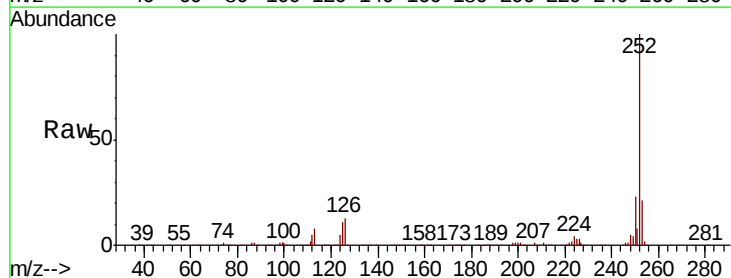


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

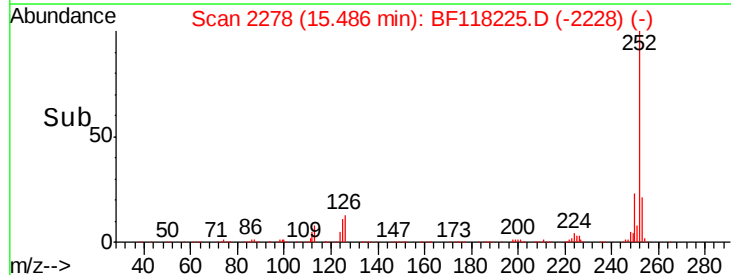
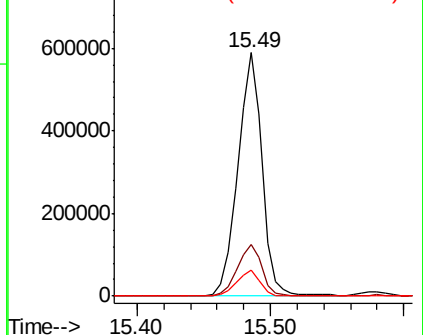


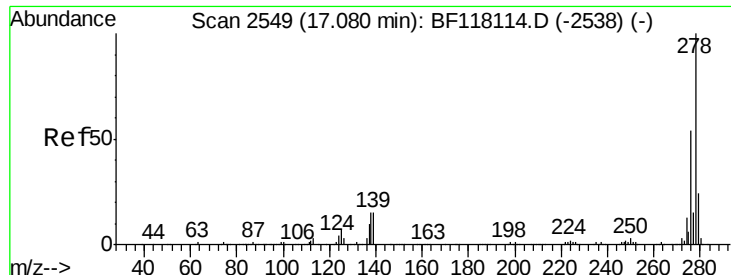
#90
Benzo(a)pyrene
Concen: 37.894 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.8	9.1	13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

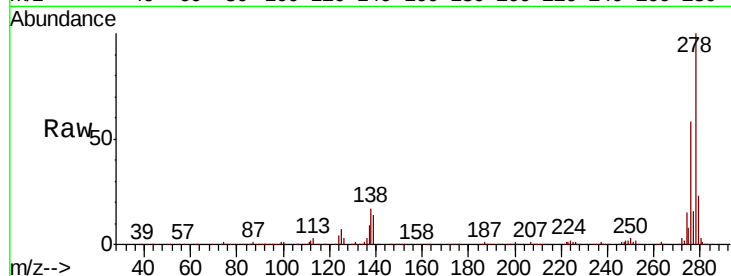




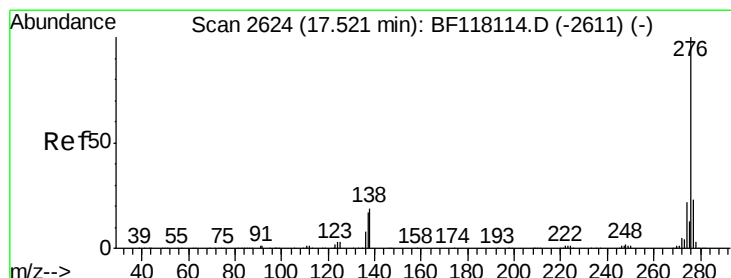
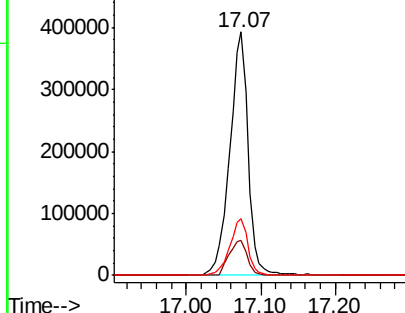
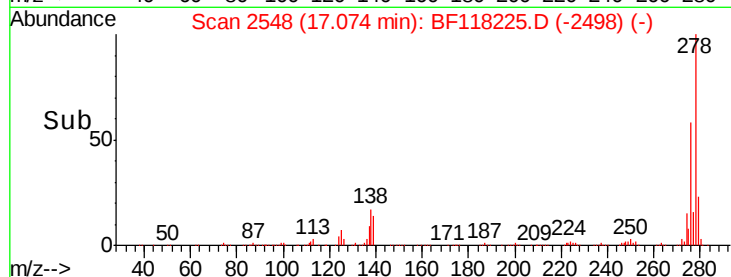
#91
Dibenzo(a,h)anthracene
Concen: 40.377 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 677111
Ion Ratio Lower Upper
278 100
139 14.4 11.7 17.5
279 23.1 19.0 28.4

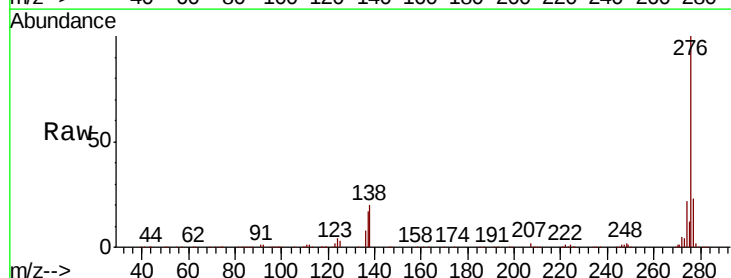


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.910 ng
RT: 17.52 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion:276 Resp: 659239
Ion Ratio Lower Upper
276 100
277 23.1 18.2 27.4
138 19.8 15.5 23.3



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

