

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118001.D
 Acq On : 26 Nov 2019 12:34
 Operator : JU
 Sample : PB125061BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 13:02:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	147966	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	632689	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	413560	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	756952	20.00	ng	0.00
76) Chrysene-d12	14.09	240	428851	20.00	ng	0.00
87) Perylene-d12	15.59	264	453177	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1114631	133.34	ng	0.02
7) Phenol-d6	6.53	99	1204220	119.44	ng	0.00
23) Nitrobenzene-d5	7.46	82	651742	61.24	ng	0.00
42) 2,4,6-Tribromophenol	10.75	330	475405	108.58	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1541701	66.88	ng	0.00
79) Terphenyl-d14	13.03	244	1467711	62.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	129109	33.042	ng	96
3) Pyridine	3.50	79	347565	33.910	ng	96
4) n-Nitrosodimethylamine	3.45	42	187179	41.835	ng	94
6) Aniline	6.56	93	465852	34.964	ng	100
8) 2-Chlorophenol	6.68	128	399447	44.038	ng	99
9) Benzaldehyde	6.44	77	185422	25.346	ng	98
10) Phenol	6.54	94	474634	45.302	ng	94
11) bis(2-Chloroethyl)ether	6.63	93	345142	41.022	ng	98
12) 1,3-Dichlorobenzene	6.83	146	415188	38.880	ng	97
13) 1,4-Dichlorobenzene	6.91	146	432558	40.074	ng	98
14) 1,2-Dichlorobenzene	7.06	146	412139	39.924	ng	99
15) Benzyl Alcohol	7.03	79	356562	45.806	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	439360	33.918	ng	95
17) 2-Methylphenol	7.15	107	342117	44.539	ng	98
18) Hexachloroethane	7.41	117	156149	39.380	ng	98
19) n-Nitroso-di-n-propylamine	7.31	70	263083	42.296	ng	96
20) 3+4-Methylphenols	7.30	107	413446	43.361	ng	# 81
22) Acetophenone	7.30	105	546416	38.440	ng	95
24) Nitrobenzene	7.48	77	425432	38.747	ng	98
25) Isophorone	7.72	82	761630	39.043	ng	99
26) 2-Nitrophenol	7.79	139	236474	44.249	ng	92
27) 2,4-Dimethylphenol	7.83	122	368826	44.414	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	456283	36.860	ng	99
29) 2,4-Dichlorophenol	8.04	162	359068	39.862	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	387770	37.113	ng	99
31) Naphthalene	8.20	128	1213709	41.149	ng	99
32) Benzoic acid	7.97	122	260876	37.519	ng	96
33) 4-Chloroaniline	8.25	127	355140	26.895	ng	98
34) Hexachlorobutadiene	8.32	225	225082	36.846	ng	99
35) Caprolactam	8.63	113	78918	27.567	ng	88
36) 4-Chloro-3-methylphenol	8.73	107	455108	49.784	ng	94
37) 2-Methylnaphthalene	8.90	142	991354	49.744	ng	99
38) 1-Methylnaphthalene	9.00	142	923428	49.012	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	432791	36.035	ng	99

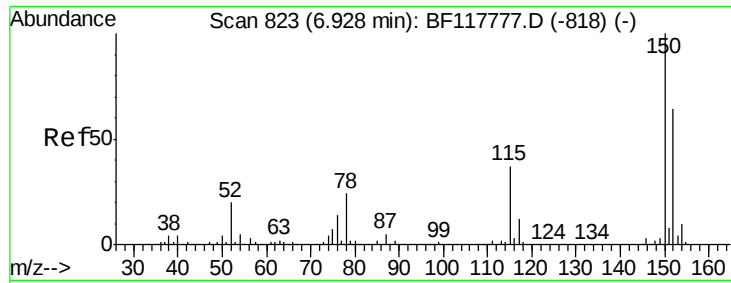
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118001.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	536734	79.746	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	317825	36.946	nq	98
44) 2,4,5-Trichlorophenol	9.22	196	352454	39.461	nq	99
46) 1,1'-Biphenyl	9.36	154	1192313	38.860	nq	99
47) 2-Chloronaphthalene	9.39	162	928860	36.800	nq	99
48) 2-Nitroaniline	9.49	65	272476	35.756	nq	91
49) Acenaphthylene	9.81	152	1460900	39.698	nq	99
50) Dimethylphthalate	9.67	163	1120507	38.637	nq	99
51) 2,6-Dinitrotoluene	9.73	165	256960	40.542	nq	94
52) Acenaphthene	9.98	154	859929	36.478	nq	99
53) 3-Nitroaniline	9.90	138	210254	27.723	nq	97
54) 2,4-Dinitrophenol	10.01	184	257093	79.039	nq	90
55) Dibenzofuran	10.16	168	1271025	38.936	nq	99
56) 4-Nitrophenol	10.07	139	420219	74.230	nq	91
57) 2,4-Dinitrotoluene	10.14	165	338861	42.029	nq	91
58) Fluorene	10.50	166	952707	37.661	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	274675	37.428	nq	97
60) Diethylphthalate	10.37	149	1086304	38.421	nq	99
61) 4-Chlorophenyl-phenylether	10.49	204	477978	37.232	nq	96
62) 4-Nitroaniline	10.52	138	267128	35.178	nq	99
63) Azobenzene	10.65	77	960938	37.358	nq	95
65) 4,6-Dinitro-2-methylphenol	10.55	198	168836	47.779	nq	97
66) n-Nitrosodiphenylamine	10.61	169	880739	39.980	nq	99
67) 4-Bromophenyl-phenylether	10.98	248	310685	38.040	nq	95
68) Hexachlorobenzene	11.05	284	359348	37.732	nq	97
69) Atrazine	11.14	200	312123	43.071	nq	99
70) Pentachlorophenol	11.25	266	387653	69.672	nq	100
71) Phenanthrene	11.47	178	1468492	38.587	nq	99
72) Anthracene	11.52	178	1339825	35.508	nq	99
73) Carbazole	11.67	167	1311183	39.765	nq	100
74) Di-n-butylphthalate	12.00	149	1607622	39.159	nq	99
75) Fluoranthene	12.66	202	1240504	33.947	nq	99
77) Benzidine	12.77	184	551224	39.240	nq	99
78) Pyrene	12.89	202	1246855	35.976	nq	100
80) Butylbenzylphthalate	13.50	149	559137	37.562	nq	98
81) Benzo(a)anthracene	14.08	228	1074191	37.905	nq	99
82) 3,3'-Dichlorobenzidine	14.04	252	299141	30.177	nq	99
83) Chrysene	14.12	228	993912	36.194	nq	98
84) Bis(2-ethylhexyl)phthalate	14.06	149	749772	41.546	nq	98
85) Di-n-octyl phthalate	14.68	149	1385845	52.272	nq	97
86) Indeno(1,2,3-cd)pyrene	17.12	276	1138891	48.730	nq	99
88) Benzo(b)fluoranthene	15.15	252	1110518	37.717	nq	98
89) Benzo(k)fluoranthene	15.18	252	1096857	39.538	nq	98
90) Benzo(a)pyrene	15.53	252	973072	37.584	nq	98
91) Dibenzo(a,h)anthracene	17.14	278	949211	42.595	nq	99
92) Benzo(g,h,i)perylene	17.59	276	930960	41.943	nq	100

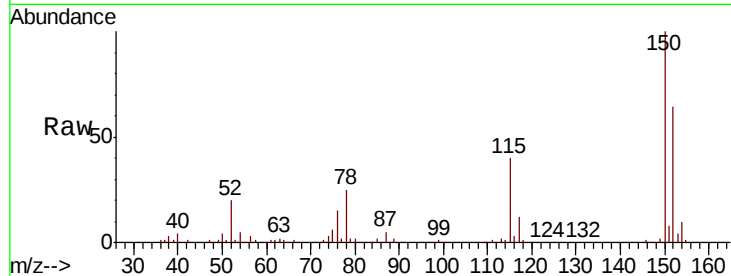
(#) = qualifier out of range (m) = manual integration (+) = signals summed



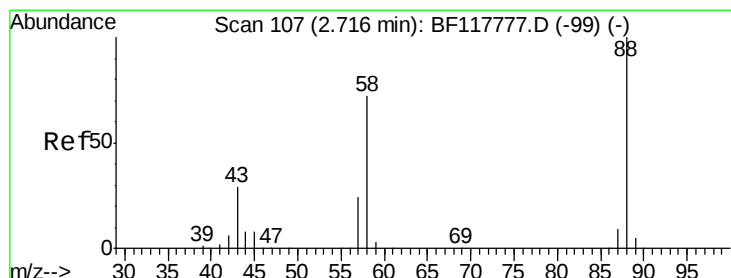
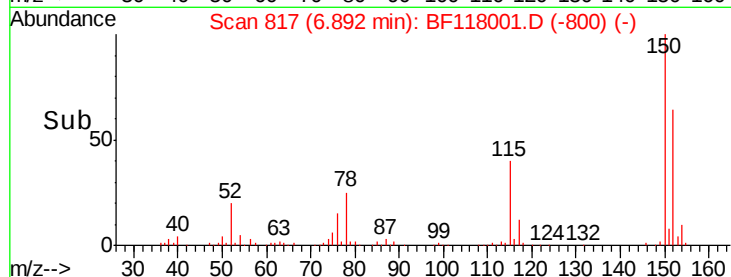
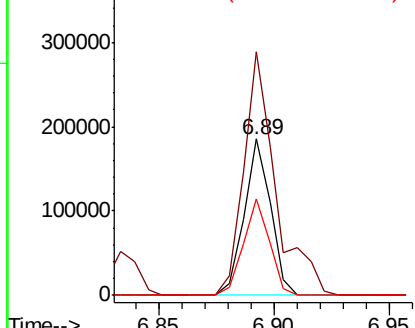
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 147966
 Ion Ratio Lower Upper
 152 100
 150 155.8 125.3 187.9
 115 62.1 47.0 70.4

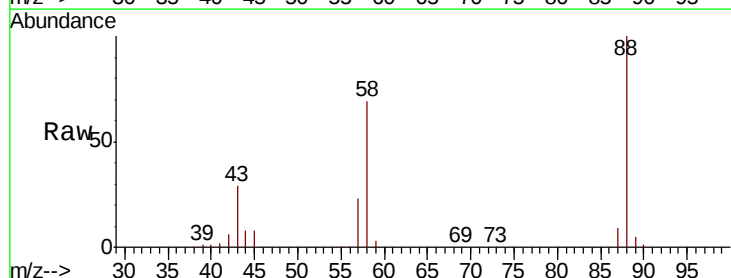


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

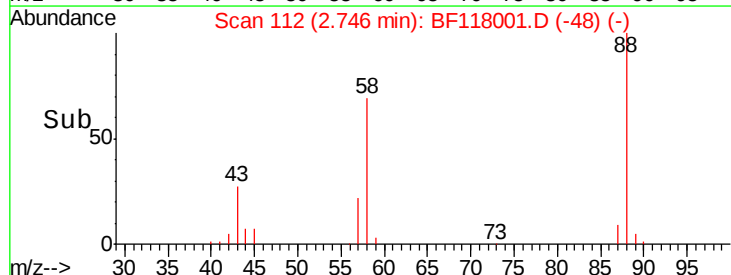
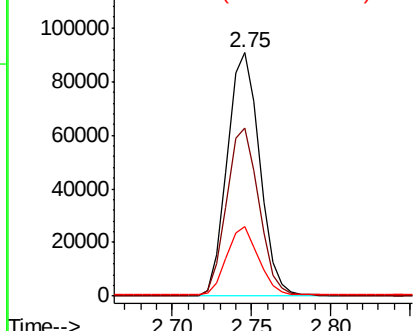


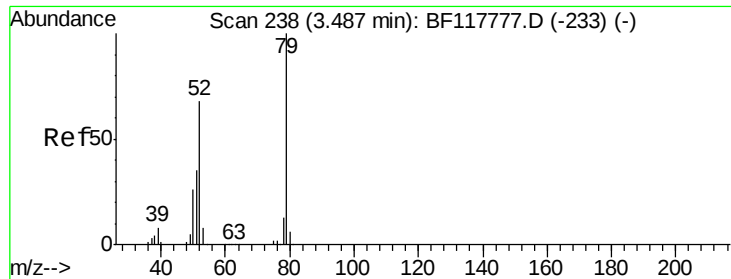
#2
 1,4-Dioxane
 Concen: 33.042 ng
 RT: 2.75 min Scan# 112
 Delta R.T. 0.08 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 12:34

Tgt Ion: 88 Resp: 129109
 Ion Ratio Lower Upper
 88 100
 58 69.2 58.2 87.2
 43 27.5 23.3 34.9



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: 33.910 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.06 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampleId :

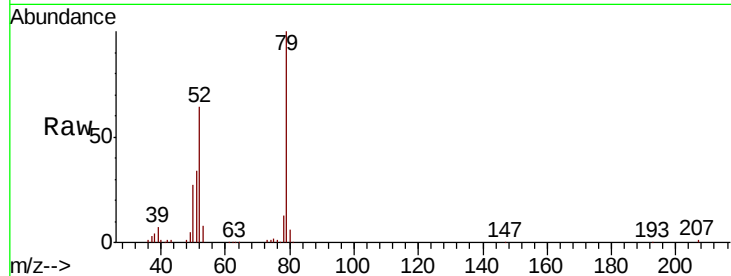
Tot Ion: 79 Resp: 347565

Ion Ratio Lower Upper

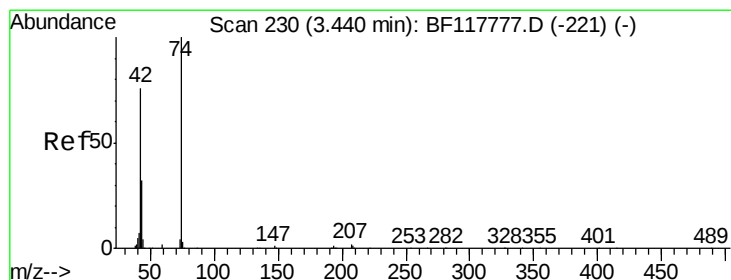
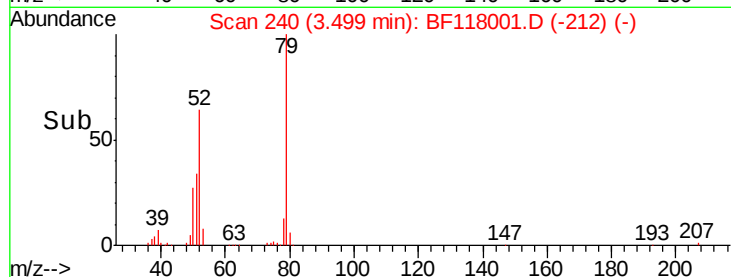
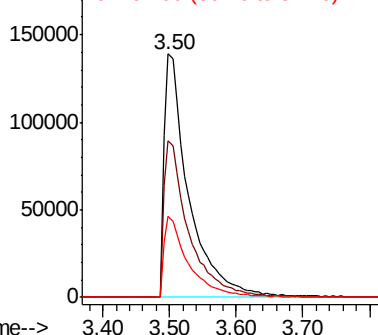
79 100

52 64.5 54.8 82.2

51 33.5 28.2 42.4



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: 41.835 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.06 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

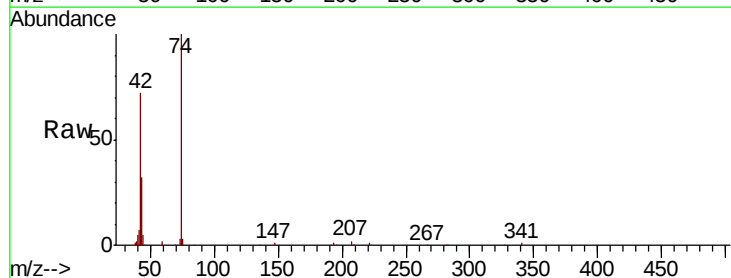
Tgt Ion: 42 Resp: 187179

Ion Ratio Lower Upper

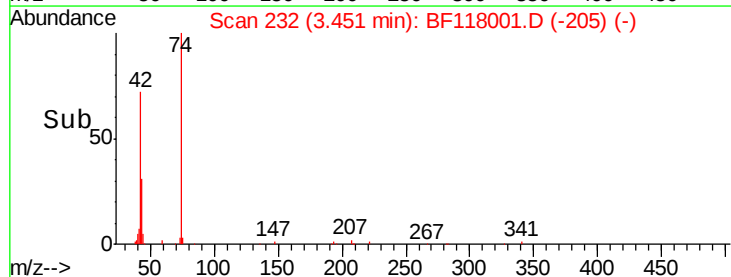
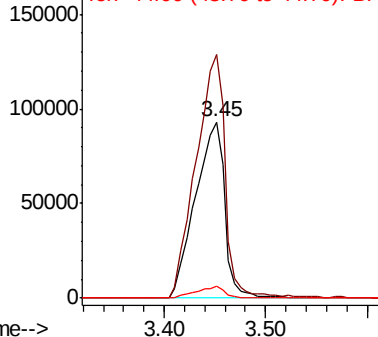
42 100

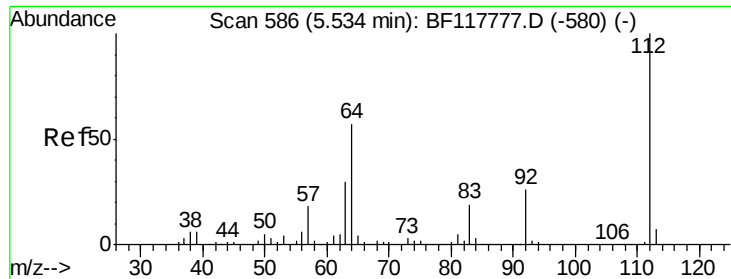
74 138.1 105.1 157.7

44 6.6 4.6 7.0



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: 133.342 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :
BNA_F
ClientSampleId :

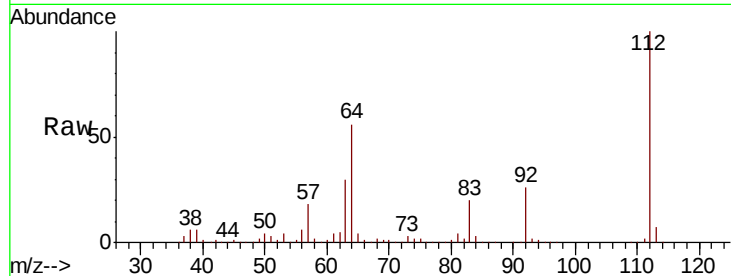
Tot Ion:112 Resp: 1114631

Ion Ratio Lower Upper

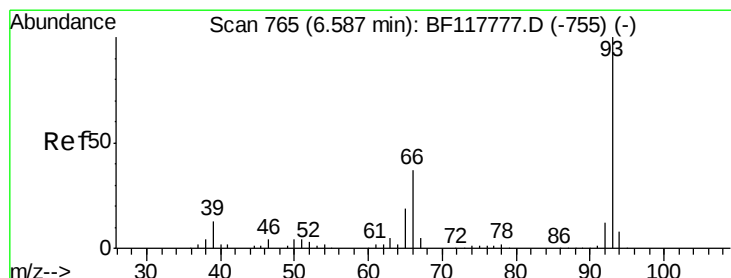
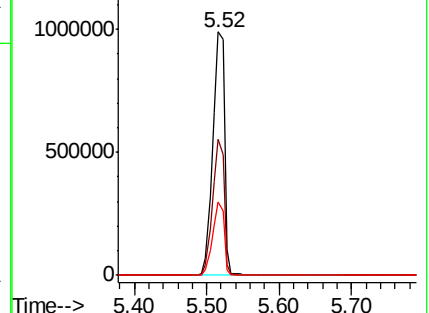
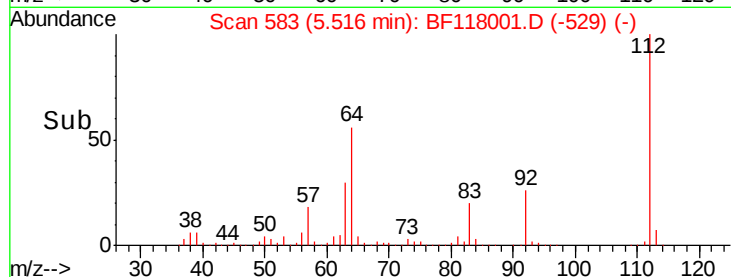
112 100

64 55.9 45.6 68.4

63 30.3 24.1 36.1



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: 34.964 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

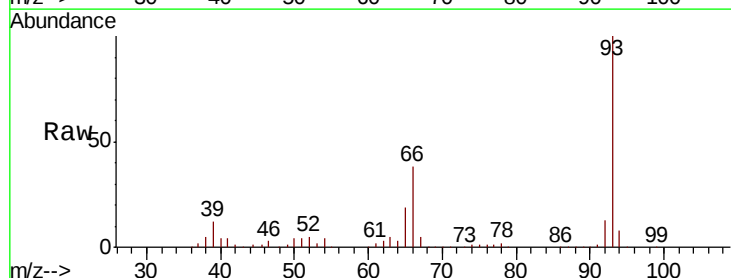
Tgt Ion: 93 Resp: 465852

Ion Ratio Lower Upper

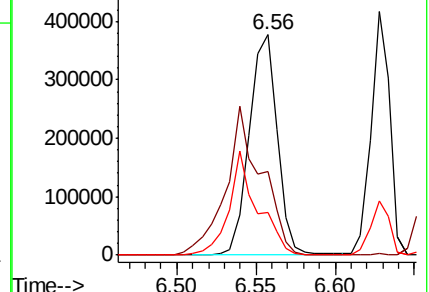
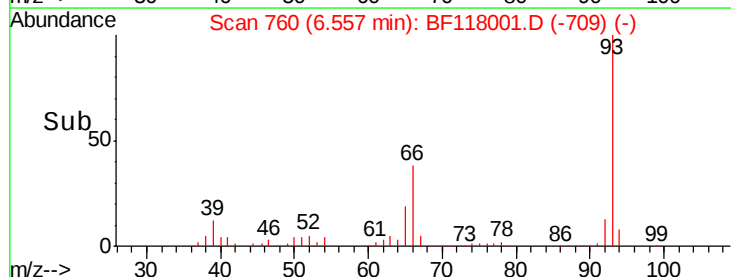
93 100

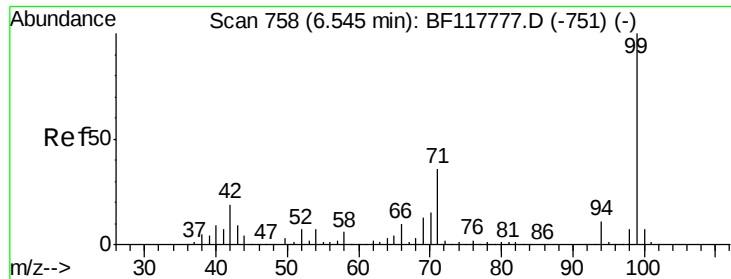
66 38.3 30.6 45.8

65 19.4 15.6 23.4



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: 119.437 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

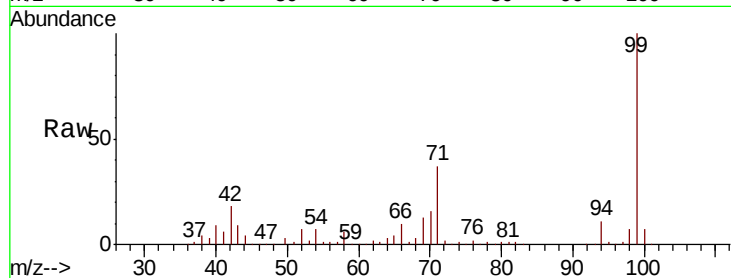
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1204220

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.9	22.3
71	37.1	28.6	43.0

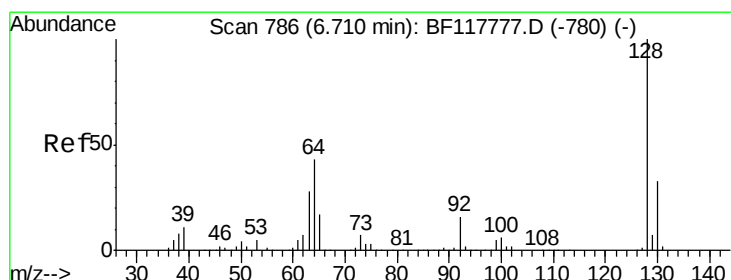
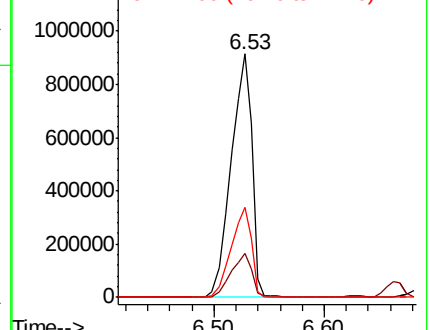
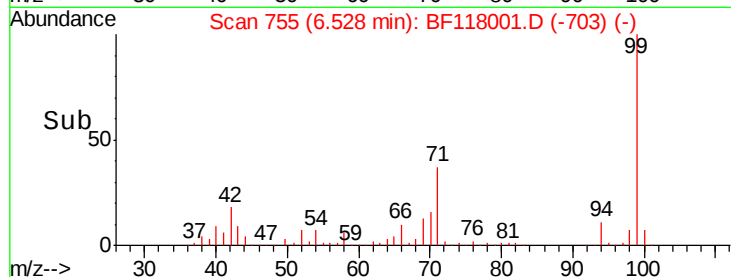


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.038 ng

RT: 6.68 min Scan# 781

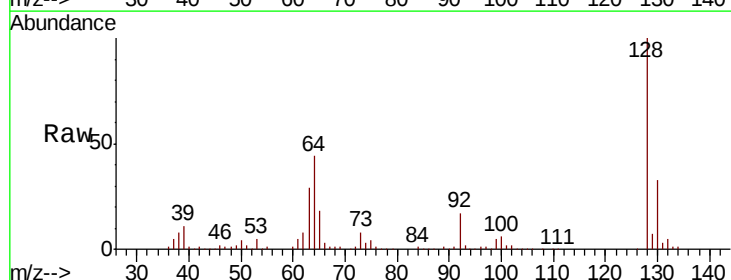
Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Tgt Ion: 128 Resp: 399447

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.2	53.2
64	44.1	23.7	63.7

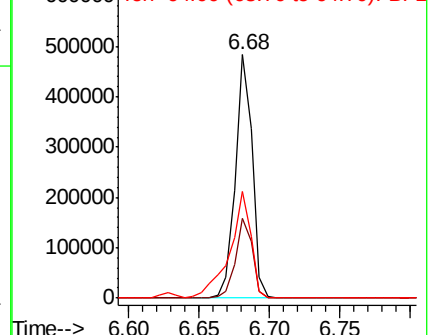
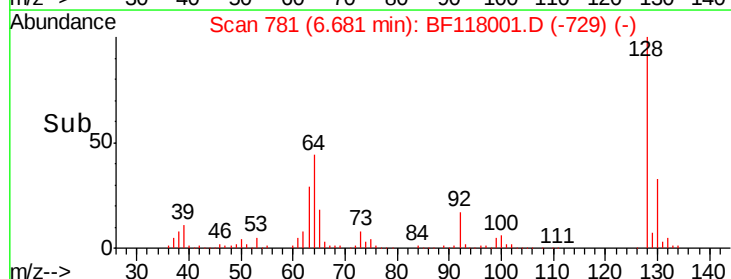


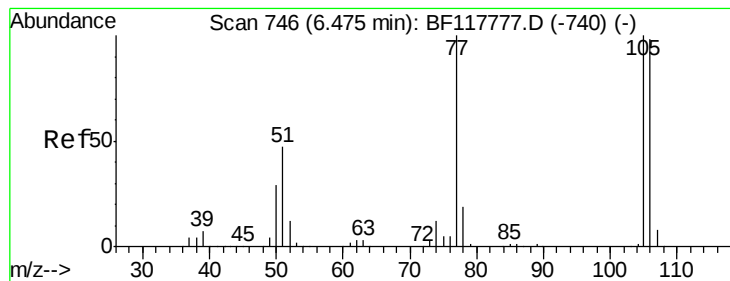
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.346 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampleId :

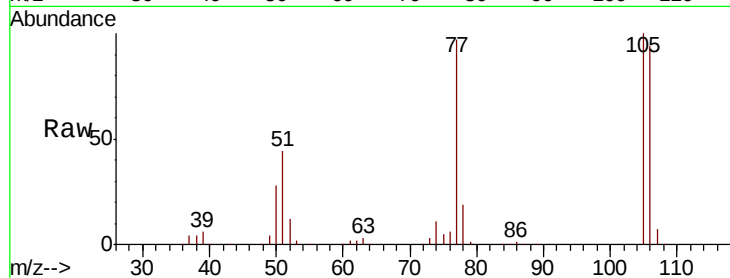
Tot Ion: 77 Resp: 185422

Ion Ratio Lower Upper

77 100

105 103.2 80.2 120.2

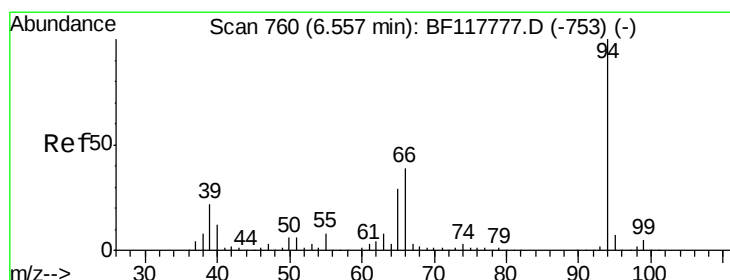
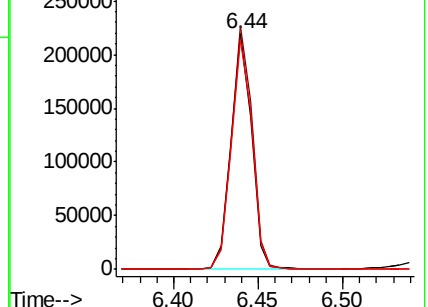
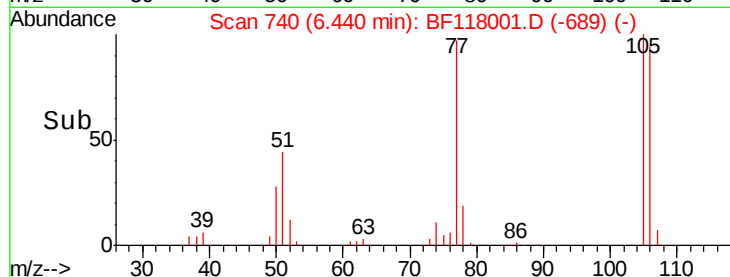
106 97.1 78.4 118.4



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: 45.302 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

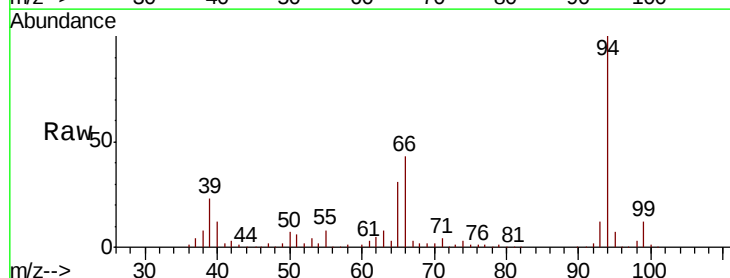
Tgt Ion: 94 Resp: 474634

Ion Ratio Lower Upper

94 100

65 30.6 8.9 48.9

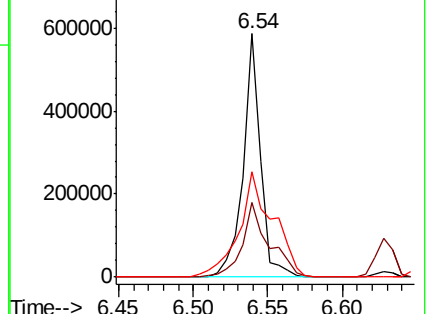
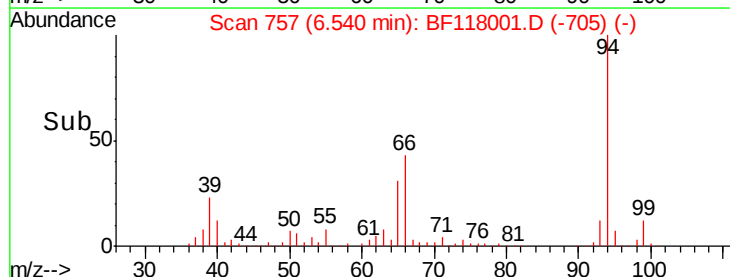
66 43.3 18.7 58.7

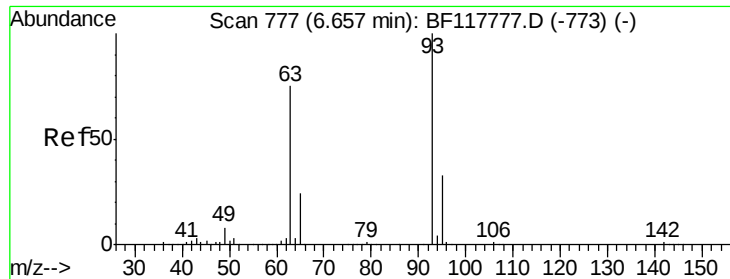


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

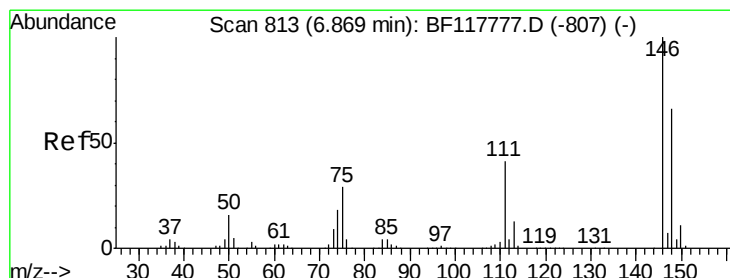
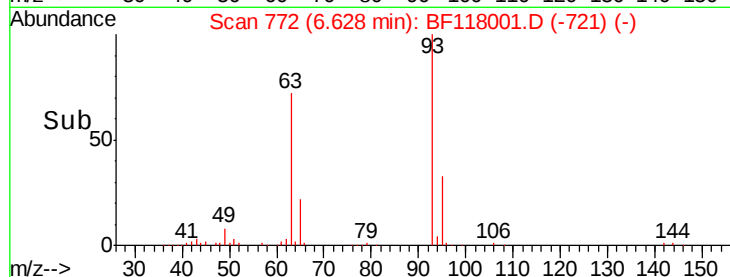
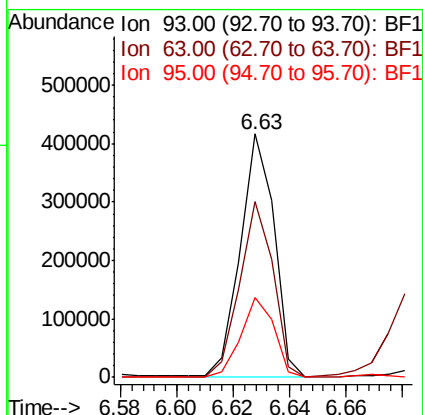
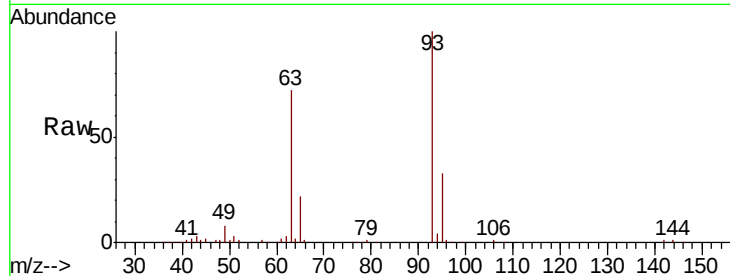




#11
bis(2-Chloroethyl)ether
Concen: 41.022 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

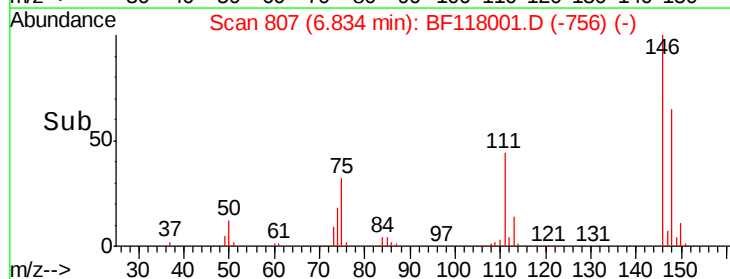
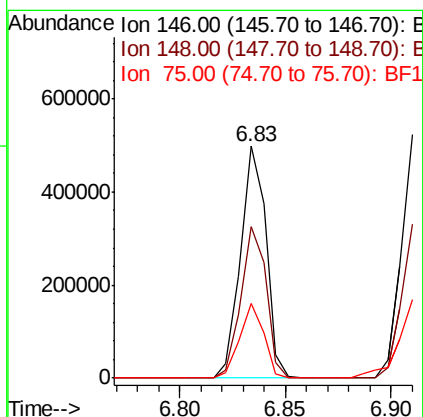
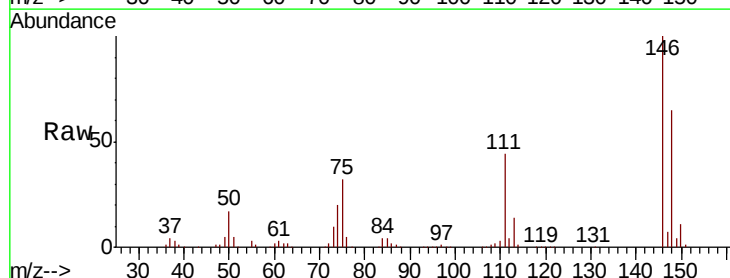
Instrument :
BNA_F
ClientSampled :

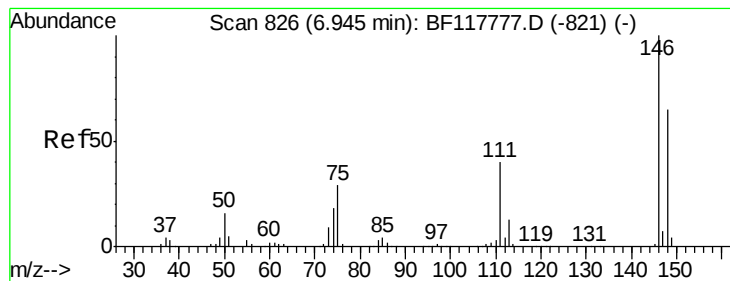
Tot Ion: 93 Resp: 345142
Ion Ratio Lower Upper
93 100
63 72.1 54.8 94.8
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.880 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion: 146 Resp: 415188
Ion Ratio Lower Upper
146 100
148 65.1 52.8 79.2
75 32.5 23.4 35.0





#13

1,4-Dichlorobenzene

Concen: 40.074 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampleId :

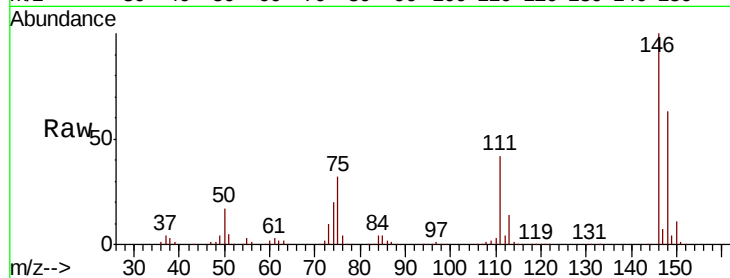
Tot Ion:146 Resp: 432558

Ion Ratio Lower Upper

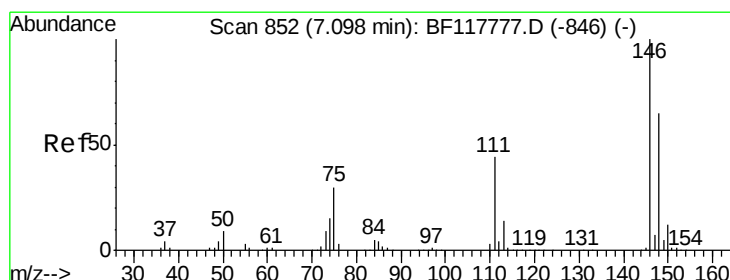
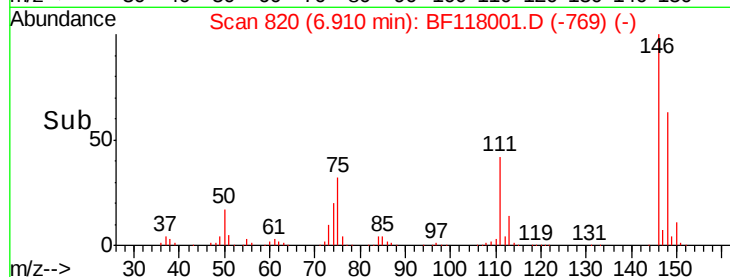
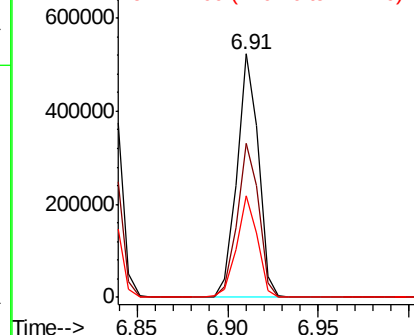
146 100

148 63.3 52.3 78.5

111 41.7 32.2 48.4



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



#14

1,2-Dichlorobenzene

Concen: 39.924 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

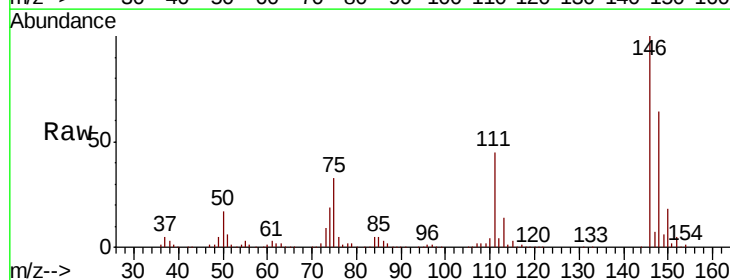
Tgt Ion:146 Resp: 412139

Ion Ratio Lower Upper

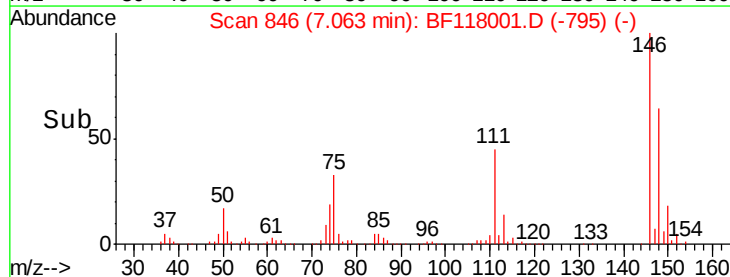
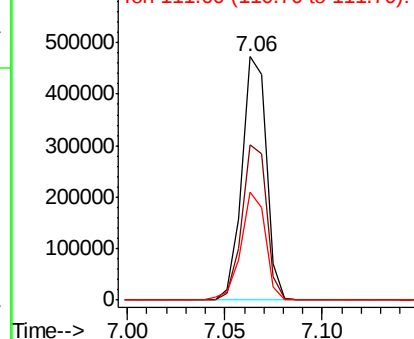
146 100

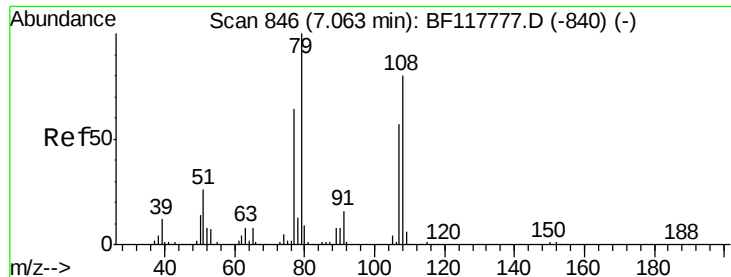
148 63.7 51.8 77.8

111 44.5 35.0 52.6



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





#15

Benzyl Alcohol

Concen: 45.806 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampled :

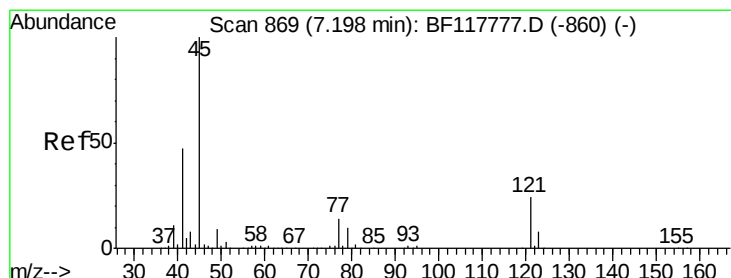
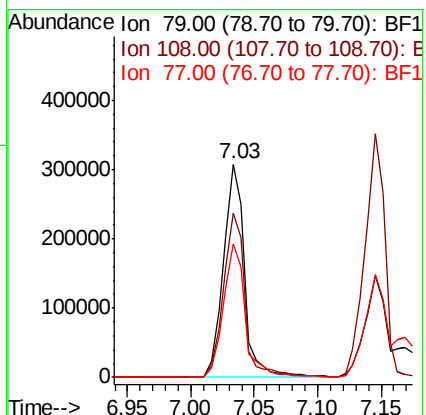
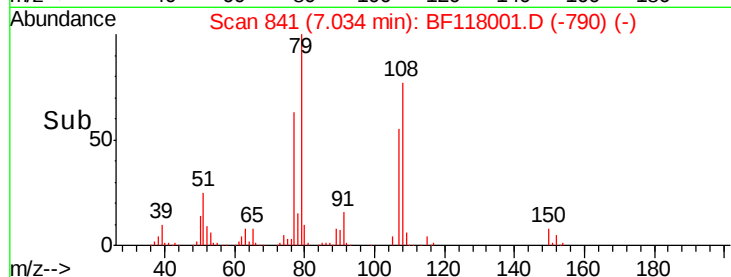
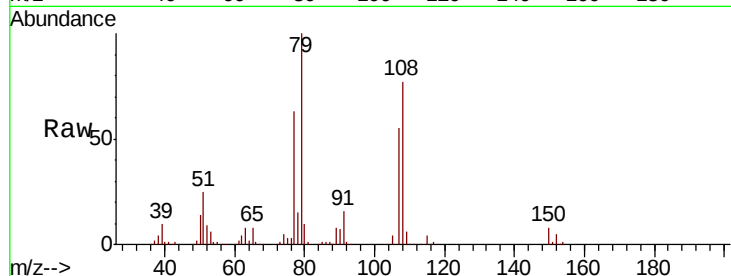
Tot Ion: 79 Resp: 356562

Ion Ratio Lower Upper

79 100

108 77.3 64.1 96.1

77 62.6 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.918 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

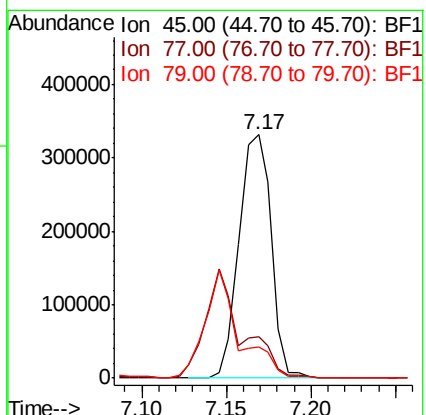
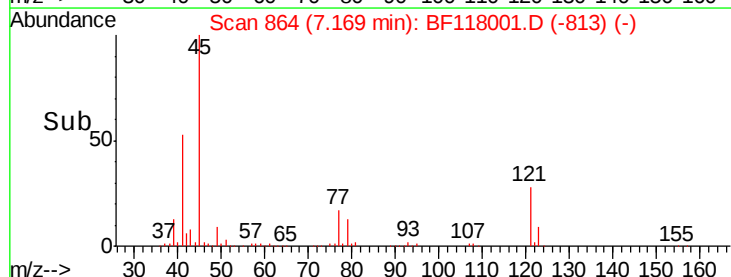
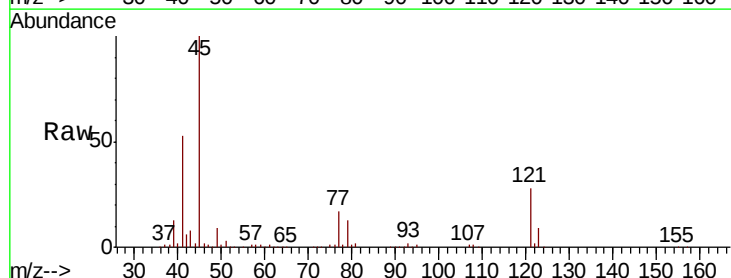
Tgt Ion: 45 Resp: 439360

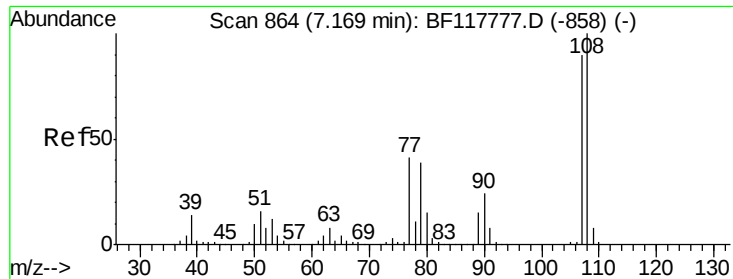
Ion Ratio Lower Upper

45 100

77 17.2 0.0 35.0

79 12.8 0.0 31.1

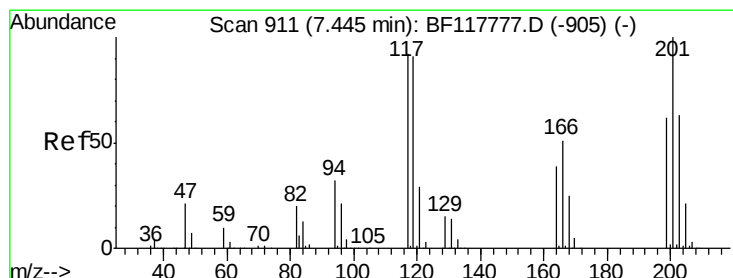
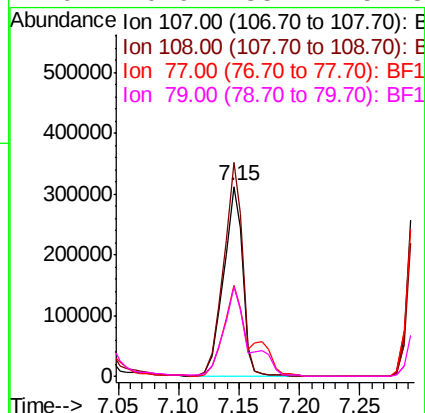
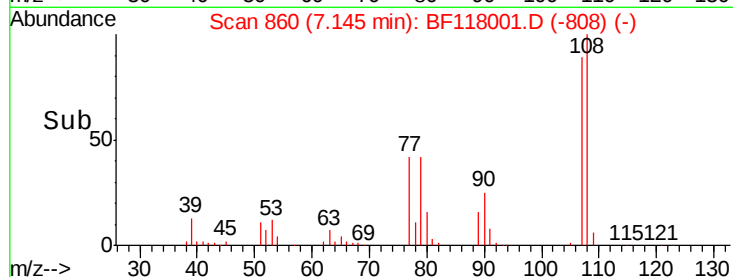
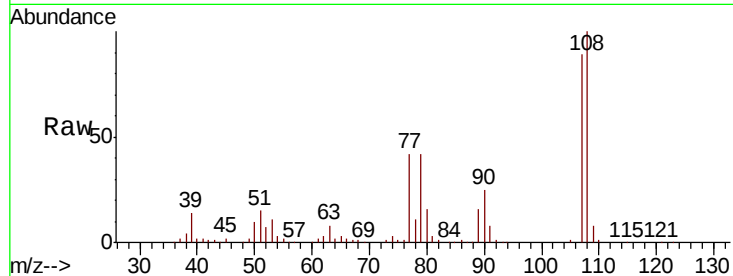




#17
2-Methylphenol
Concen: 44.539 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

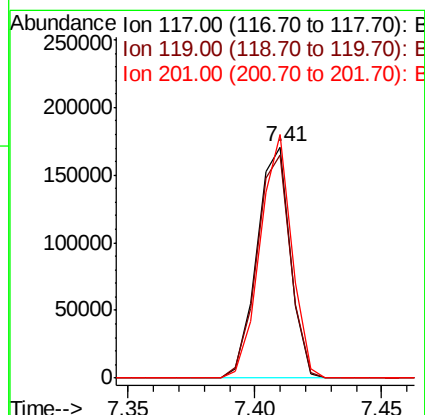
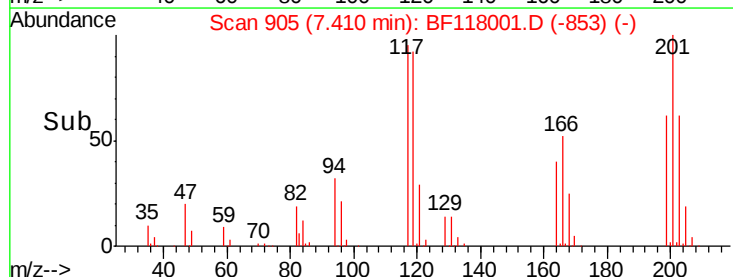
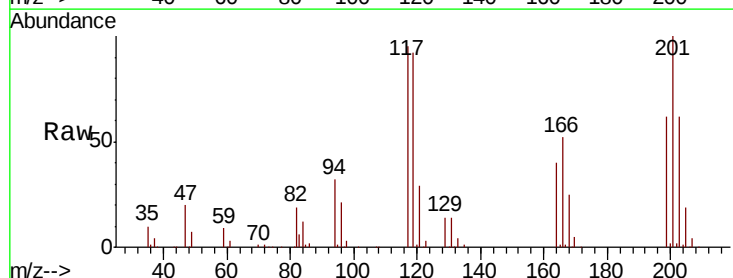
Instrument :
BNA_F
ClientSampleId :

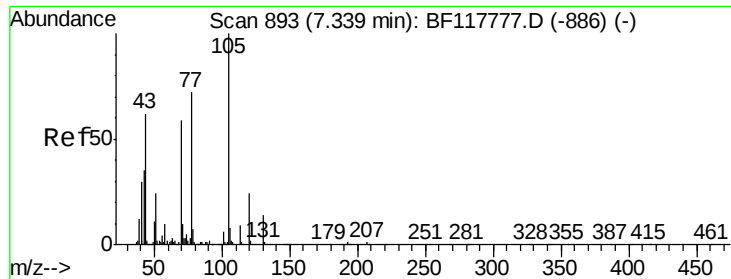
Tot Ion:	107	Resp:	342117
Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.1	133.7
77	47.5	36.6	54.8
79	46.9	35.2	52.8



#18
Hexachloroethane
Concen: 39.380 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion:	117	Resp:	156149
Ion	Ratio	Lower	Upper
117	100		
119	96.6	78.7	118.1
201	105.4	86.5	129.7

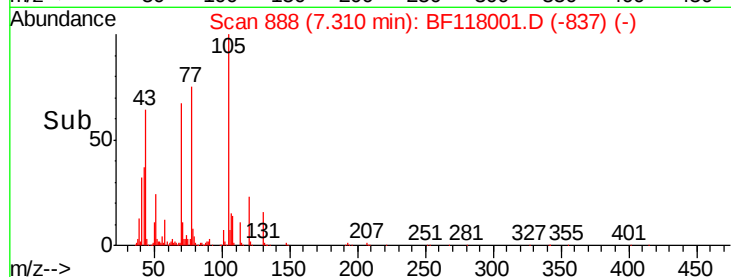
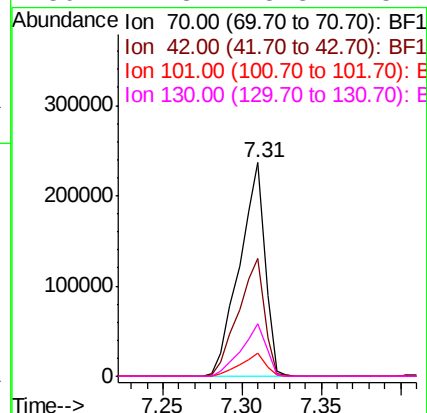
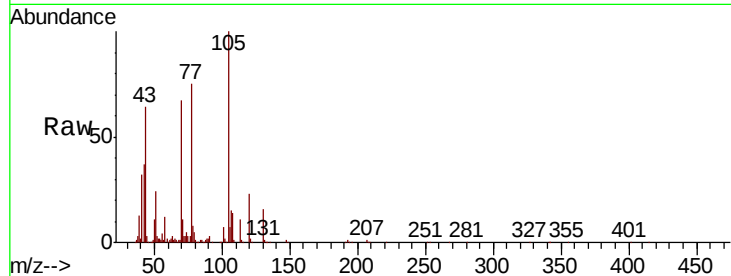




#19
n-Nitroso-di-n-propylamine
Concen: 42.296 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

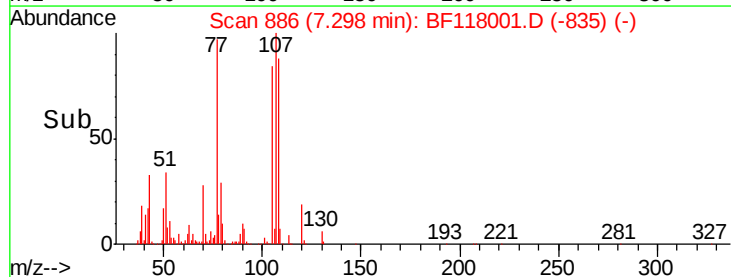
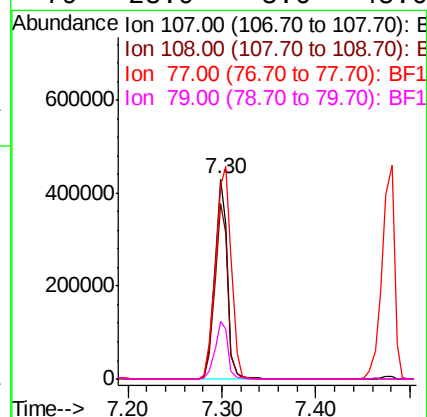
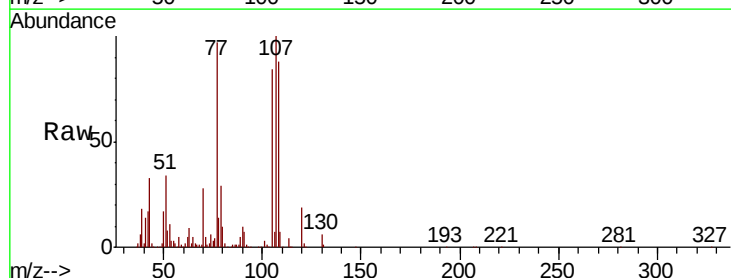
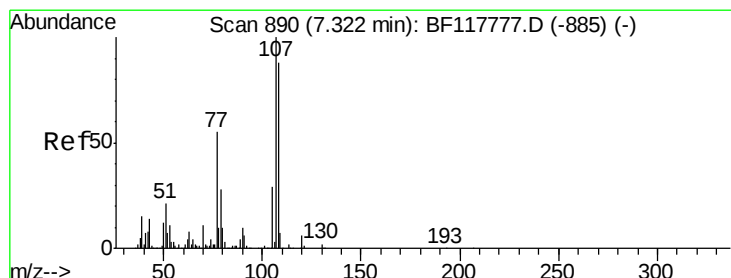
Instrument :
BNA_F
ClientSampleId :

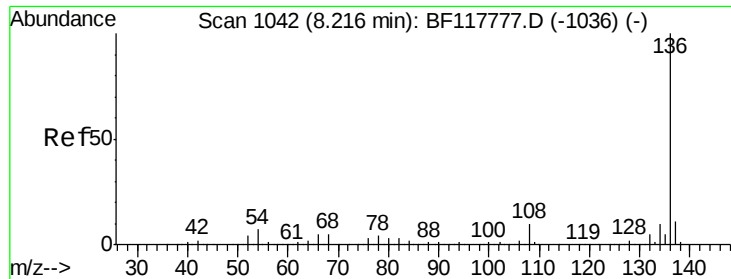
Tot Ion:	70	Resp:	263083
Ion	Ratio	Lower	Upper
70	100		
42	55.1	47.4	71.2
101	10.6	8.4	12.6
130	24.3	18.8	28.2



#20
3+4-Methylphenols
Concen: 43.361 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion:	107	Resp:	413446
Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.4	108.4
77	96.7	35.2	75.2
79	28.9	8.6	48.6

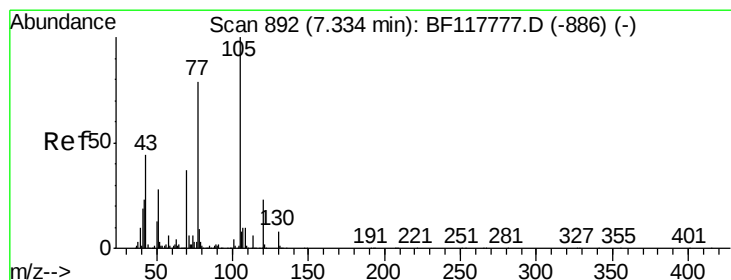
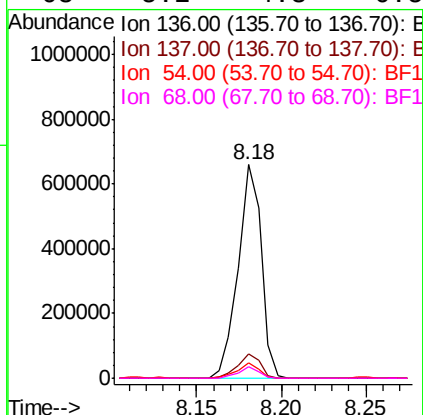
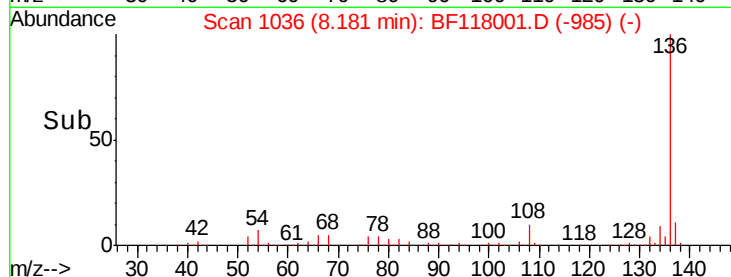
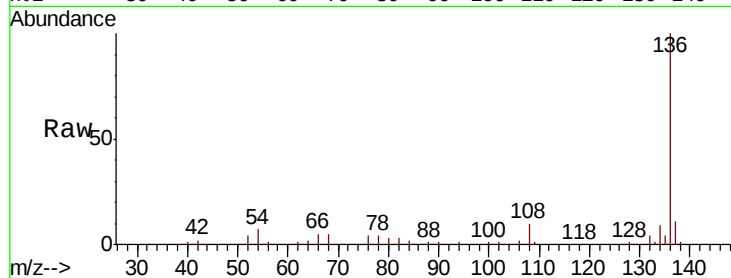




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

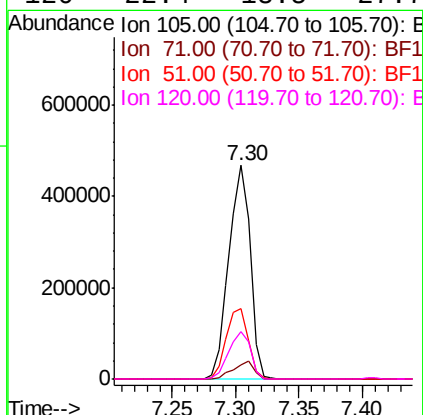
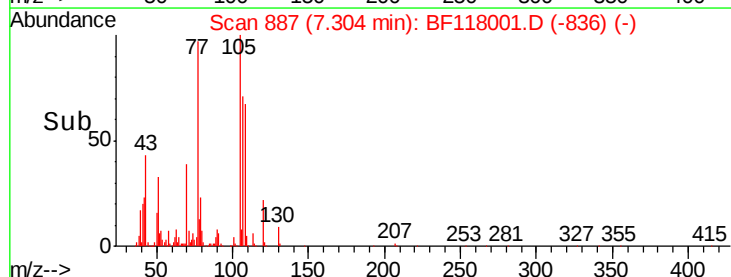
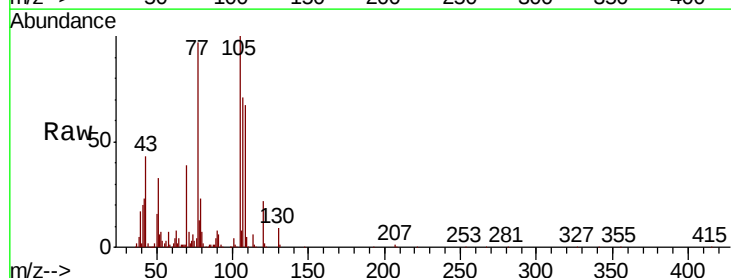
Instrument :
BNA_F
ClientSampleId :

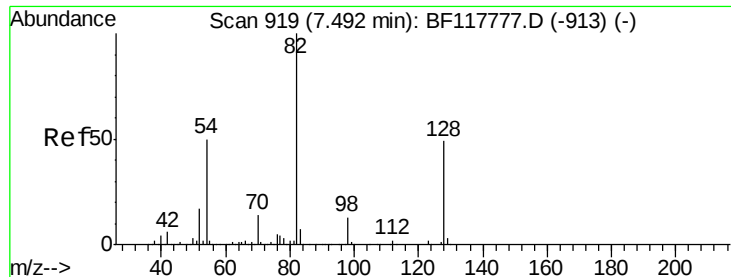
Tot Ion:136	Resp:	632689
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.4
54	7.1	5.4 8.2
68	5.2	4.3 6.5



#22
Acetophenone
Concen: 38.440 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion:105	Resp:	546416
Ion Ratio	Lower	Upper
105	100	
71	6.7	4.9 7.3
51	32.7	22.7 34.1
120	22.4	18.5 27.7

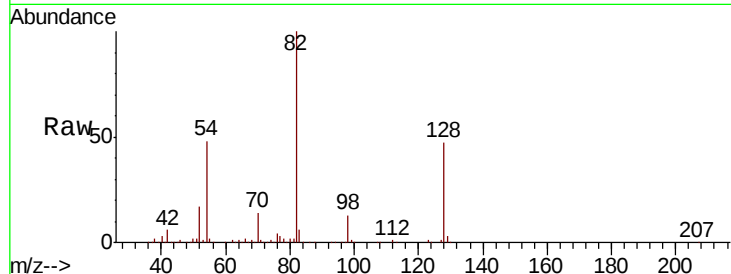




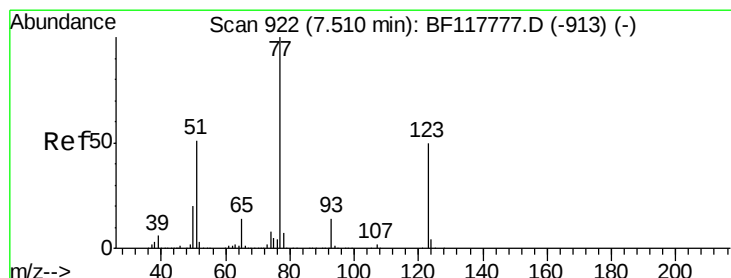
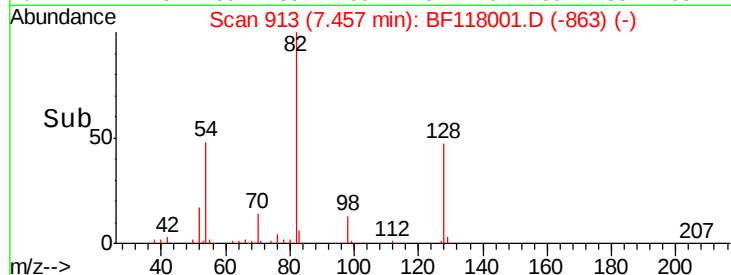
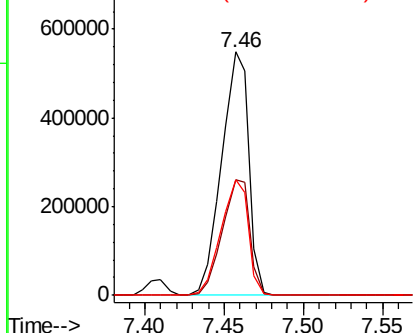
#23
Nitrobenzene-d5
Concen: 61.236 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	651742
Ion Ratio	Lower	Upper	
82	100		
128	47.3	38.9	58.3
54	47.7	39.8	59.6

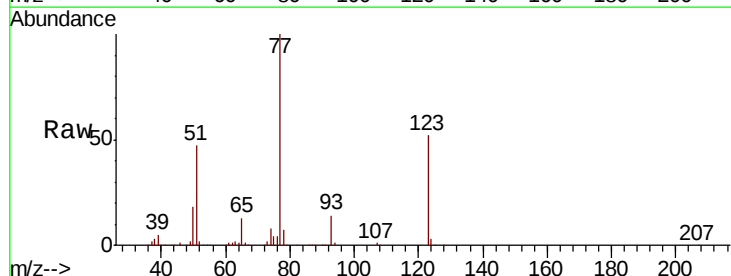


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

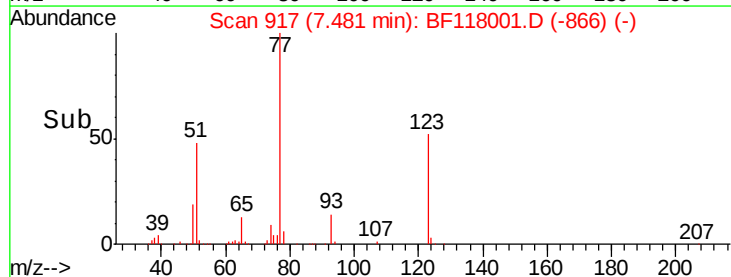
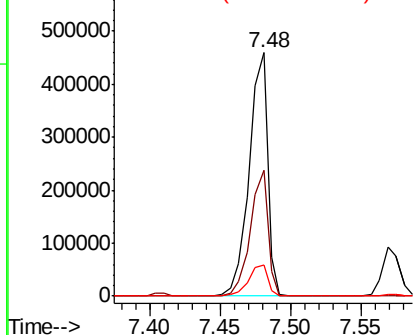


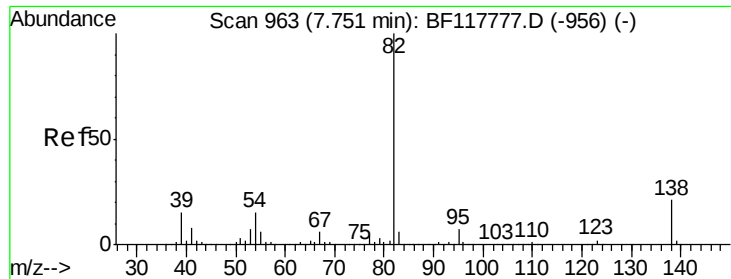
#24
Nitrobenzene
Concen: 38.747 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion	77	Resp	425432
Ion Ratio	Lower	Upper	
77	100		
123	51.7	40.3	60.5
65	13.0	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

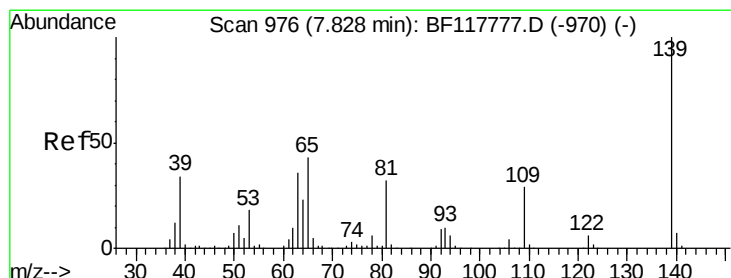
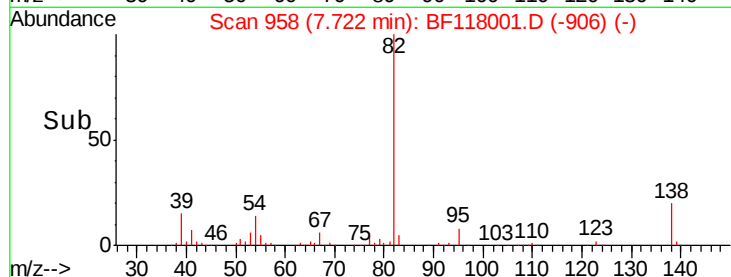
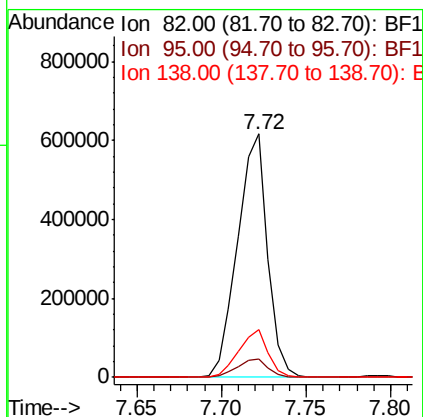
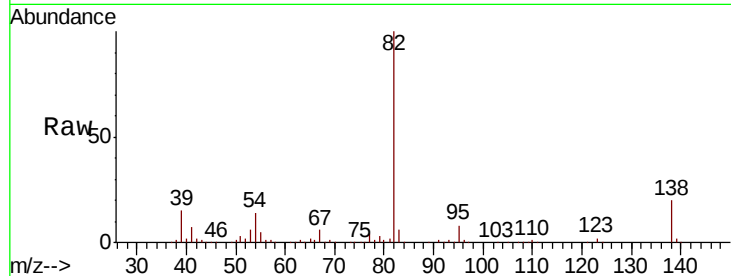




#25
Isophorone
Concen: 39.043 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

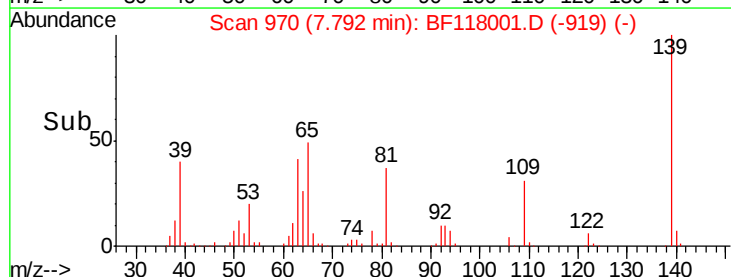
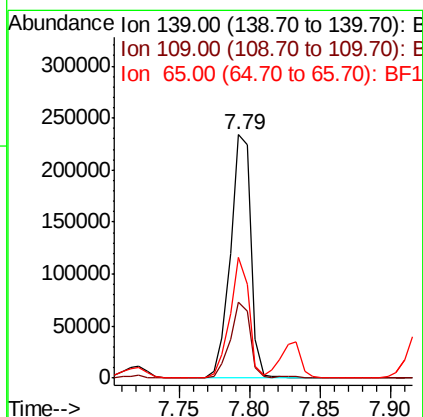
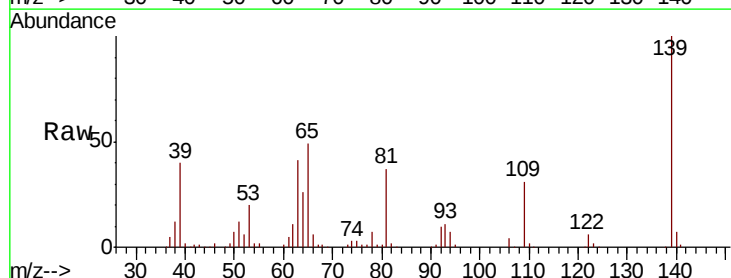
Instrument :
BNA_F
ClientSampleId :

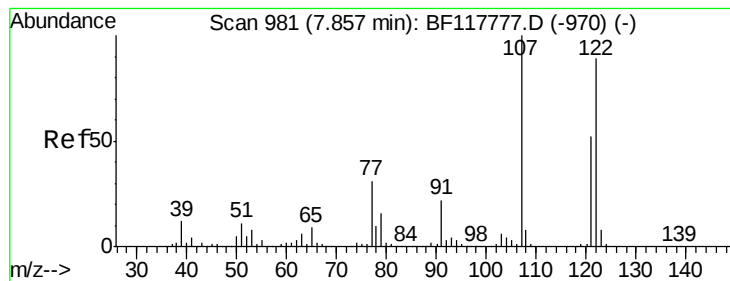
Tot Ion: 82 Resp: 761630
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.8
138 19.8 16.5 24.7



#26
2-Nitrophenol
Concen: 44.249 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion: 139 Resp: 236474
Ion Ratio Lower Upper
139 100
109 31.4 23.0 34.4
65 49.3 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 44.414 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampled :

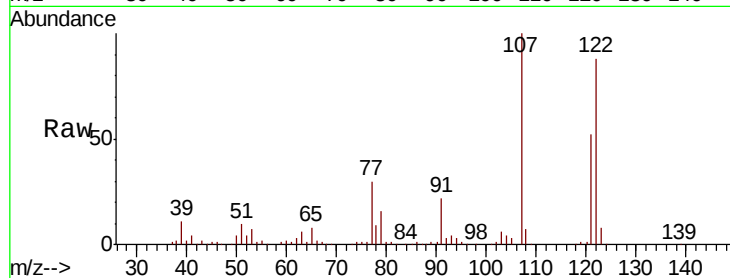
Tot Ion:122 Resp: 368826

Ion Ratio Lower Upper

122 100

107 113.9 90.0 135.0

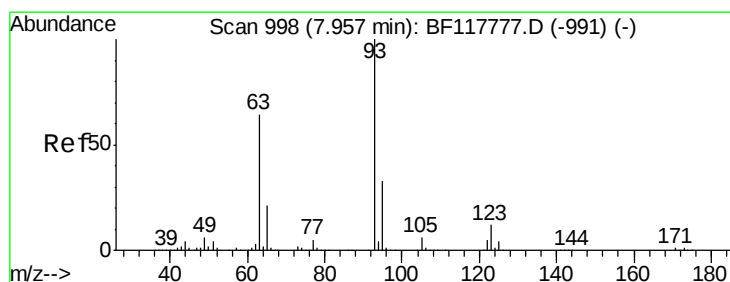
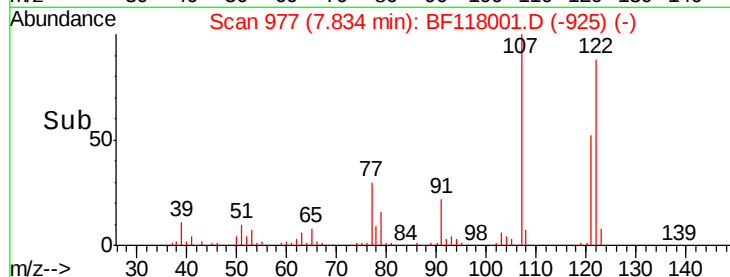
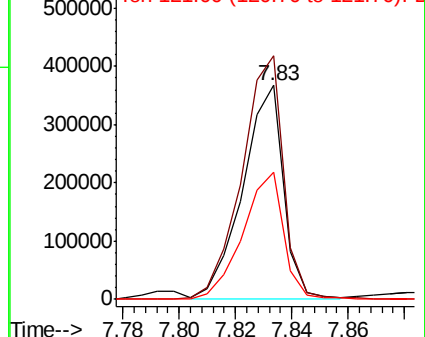
121 59.4 46.7 70.1



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: 36.860 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

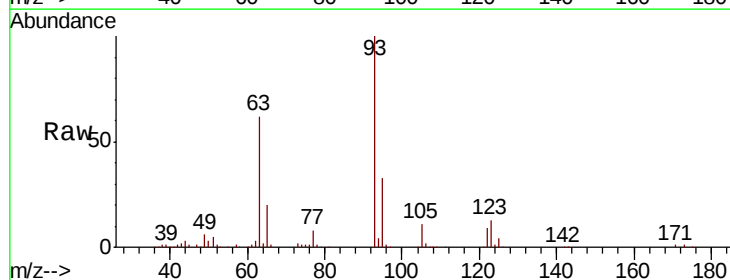
Tgt Ion: 93 Resp: 456283

Ion Ratio Lower Upper

93 100

95 32.9 26.6 40.0

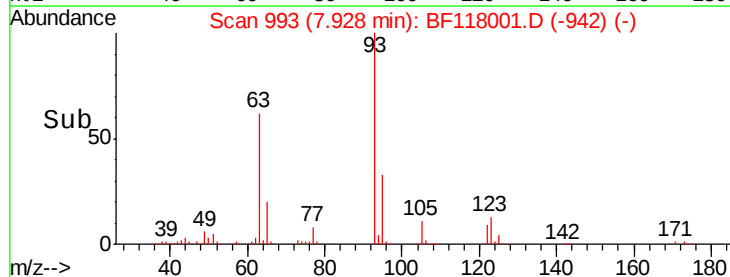
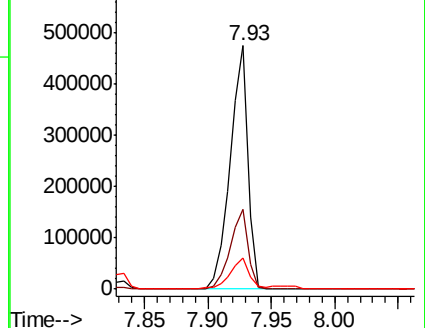
123 12.7 10.3 15.5

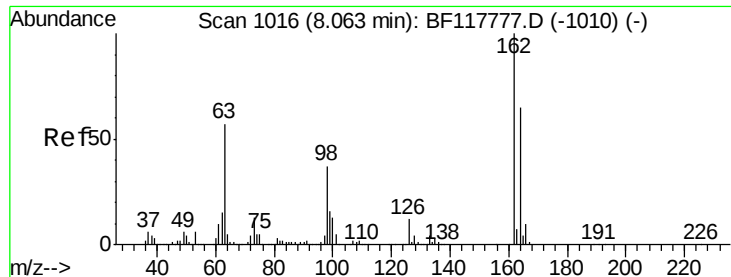


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

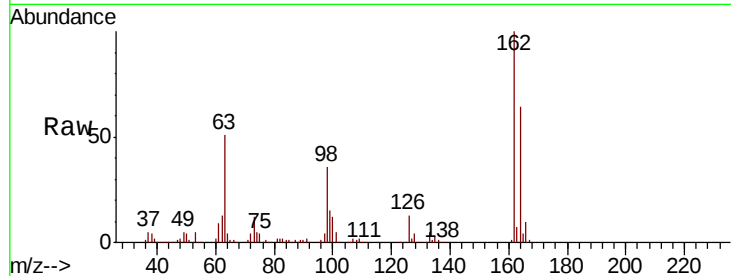




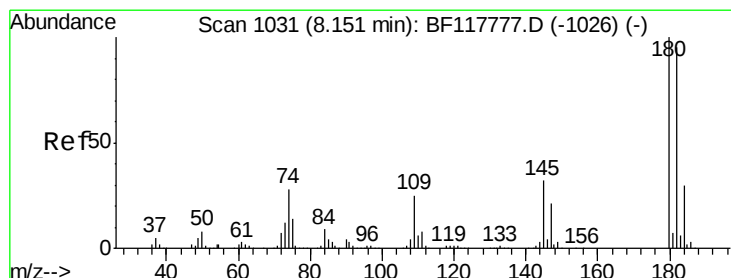
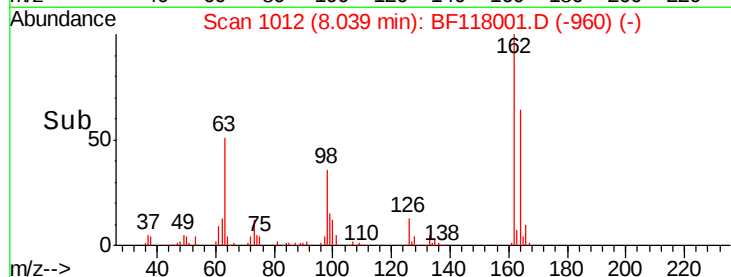
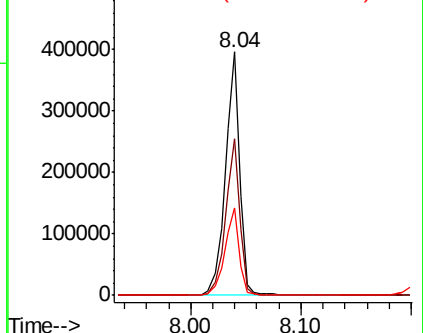
#29
2,4-Dichlorophenol
Concen: 39.862 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 359068
Ion Ratio Lower Upper
162 100
164 64.4 45.1 85.1
98 35.9 17.2 57.2

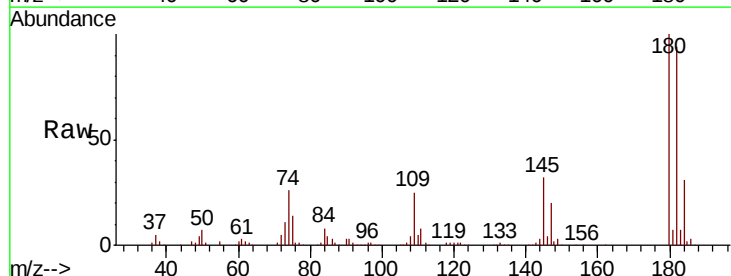


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

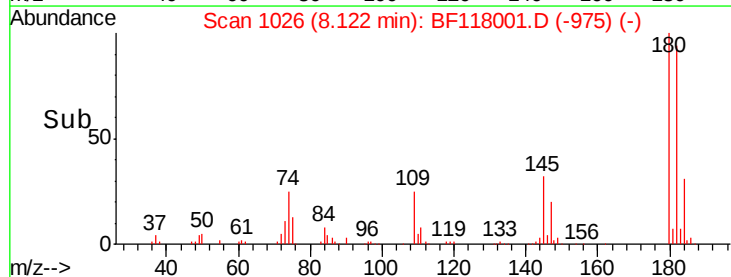
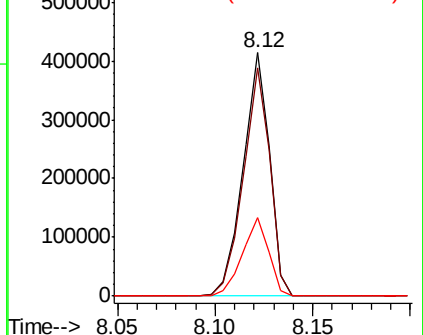


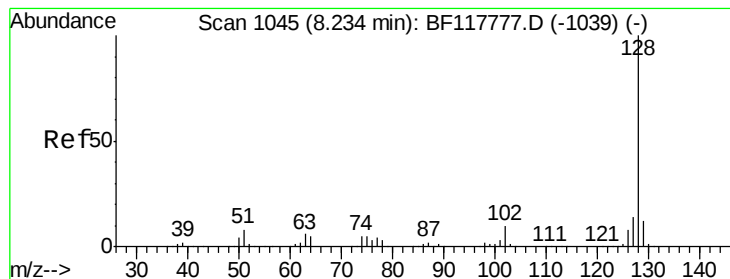
#30
1,2,4-Trichlorobenzene
Concen: 37.113 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion:180 Resp: 387770
Ion Ratio Lower Upper
180 100
182 93.9 75.8 113.6
145 32.5 25.5 38.3



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





#31

Naphthalene

Concen: 41.149 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampleId :

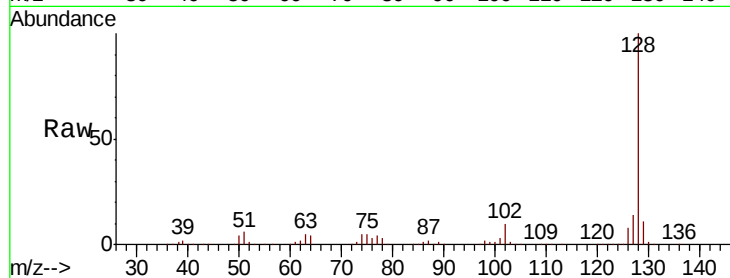
Tot Ion:128 Resp: 1213709

Ion Ratio Lower Upper

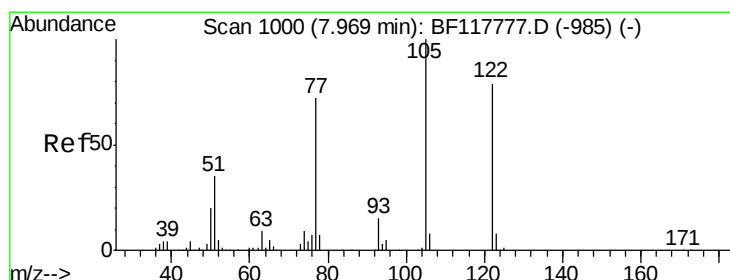
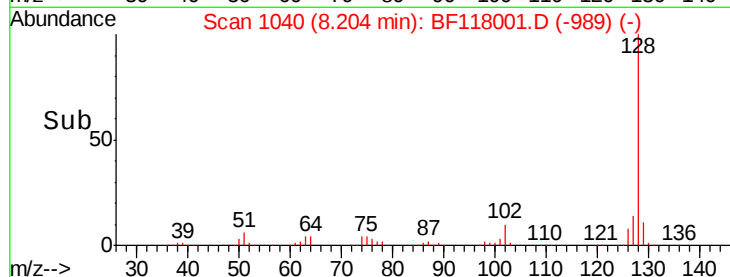
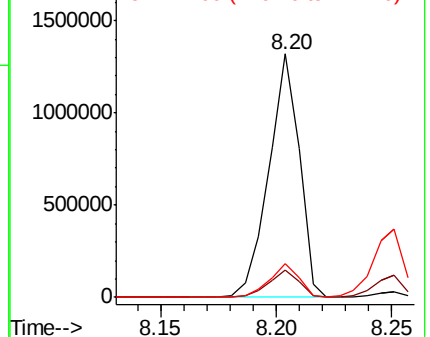
128 100

129 11.5 9.5 14.3

127 13.6 11.3 16.9



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: 37.519 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.02 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

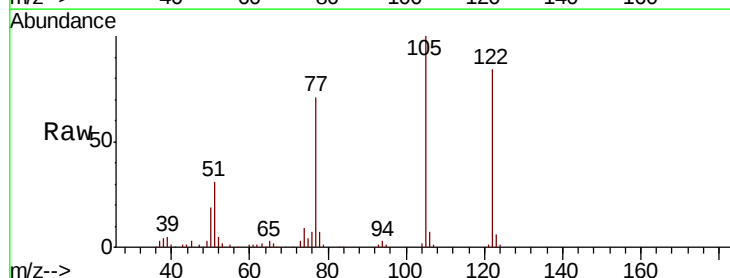
Tgt Ion:122 Resp: 260876

Ion Ratio Lower Upper

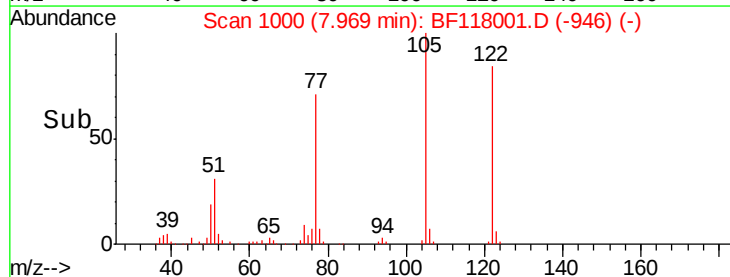
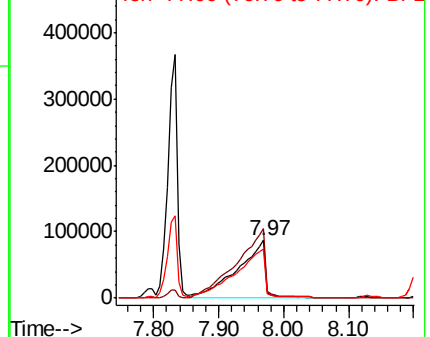
122 100

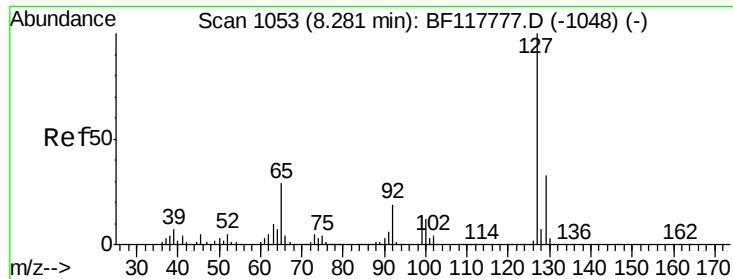
105 119.5 102.7 142.7

77 85.2 70.5 110.5



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

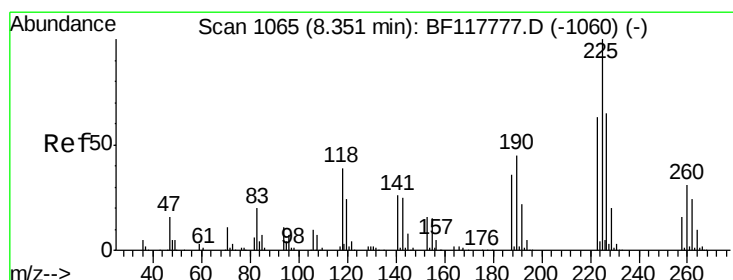
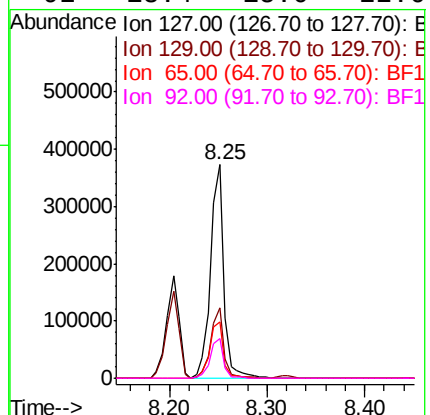
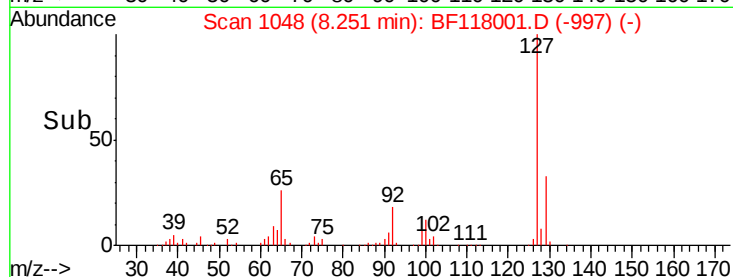
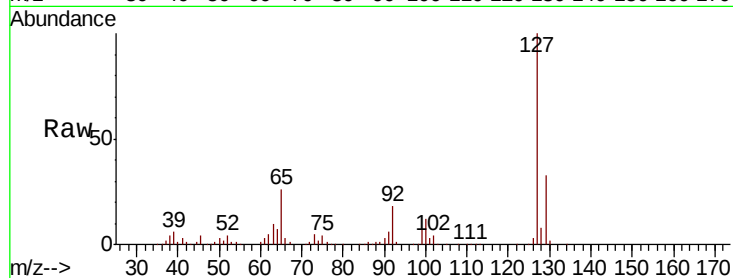




#33
4-Chloroaniline
Concen: 26.895 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

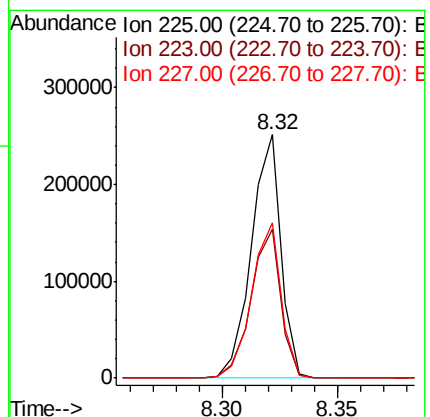
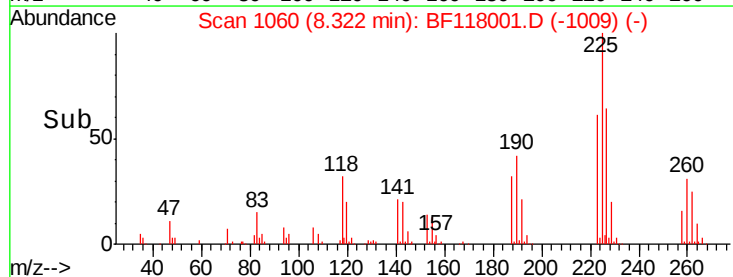
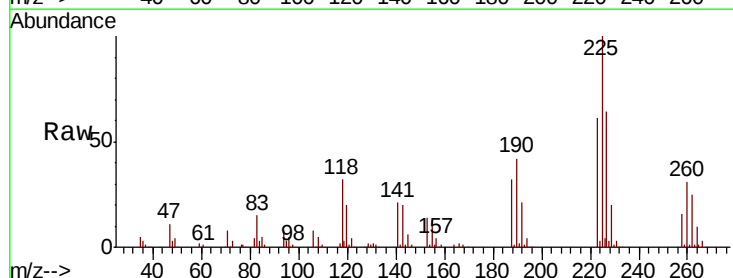
Instrument :
BNA_F
ClientSampleId :

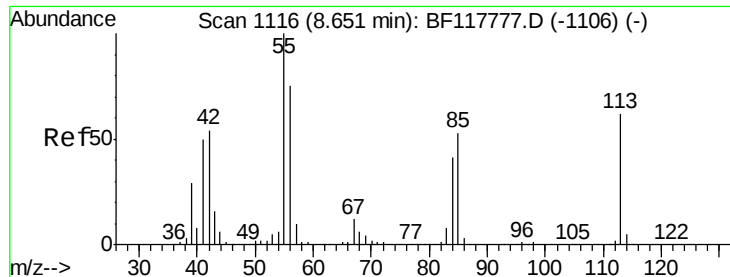
Tot Ion:	127	Resp:	355140
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.5	39.7
65	26.5	22.9	34.3
92	18.4	15.0	22.6



#34
Hexachlorobutadiene
Concen: 36.846 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion:	225	Resp:	225082
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.0	75.0
227	63.8	51.8	77.6

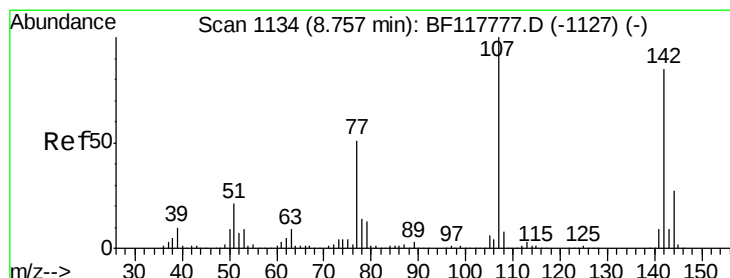
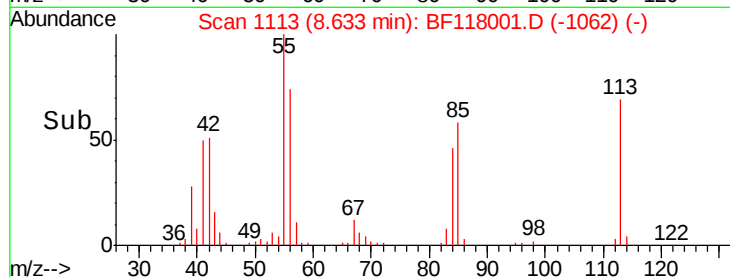
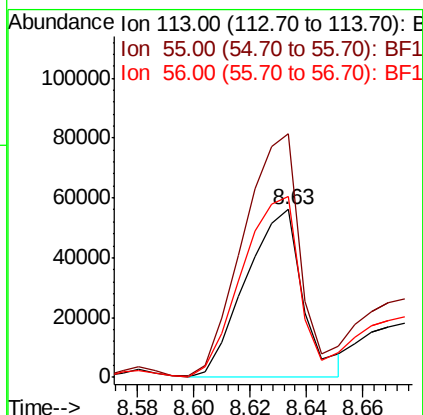
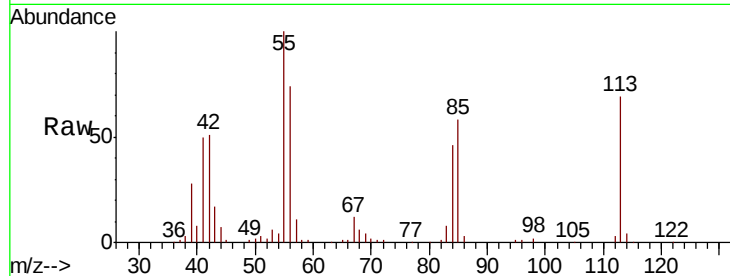




#35
Caprolactam
Concen: 27.567 ng
RT: 8.63 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

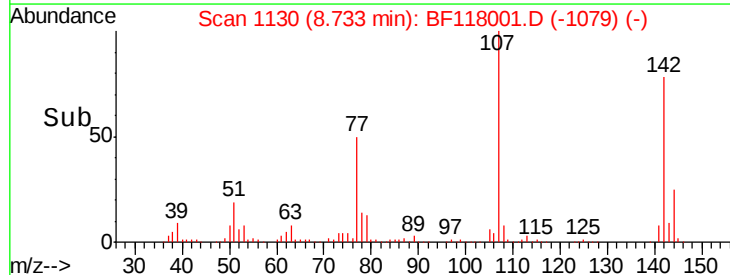
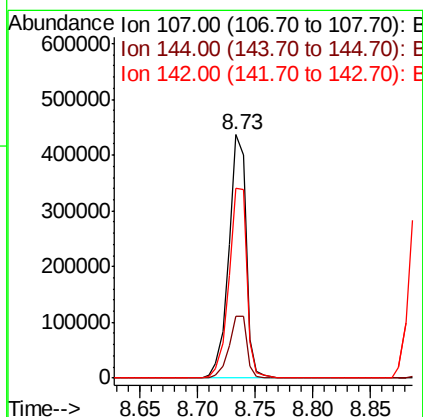
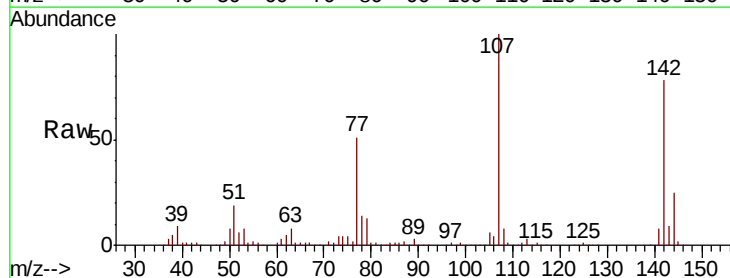
Instrument :
BNA_F
ClientSampleId :

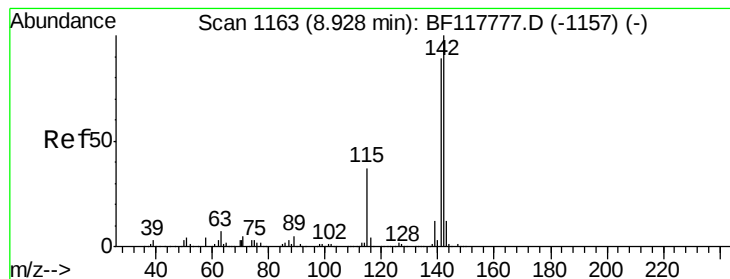
Tot Ion:113 Resp: 78918
Ion Ratio Lower Upper
113 100
55 145.2 141.1 181.1
56 107.5 100.5 140.5



#36
4-Chloro-3-methylphenol
Concen: 49.784 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion:107 Resp: 455108
Ion Ratio Lower Upper
107 100
144 25.4 21.9 32.9
142 78.1 67.7 101.5





#37

2-Methylnaphthalene

Concen: 49.744 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampleId :

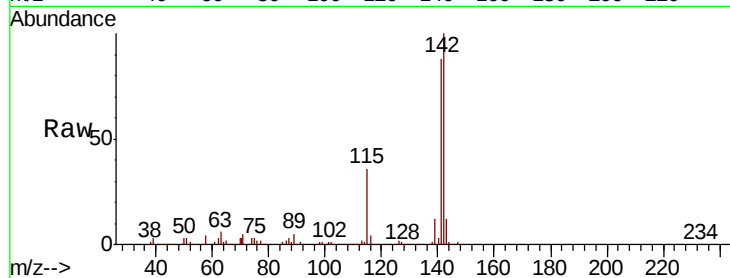
Tot Ion:142 Resp: 991354

Ion Ratio Lower Upper

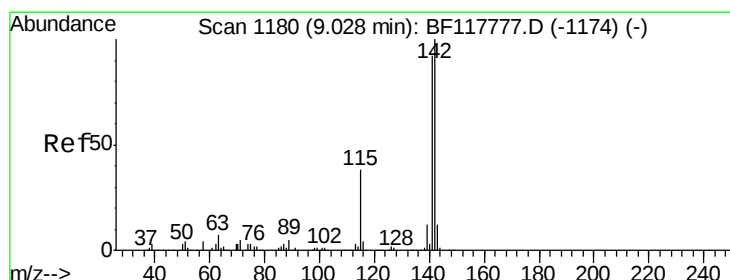
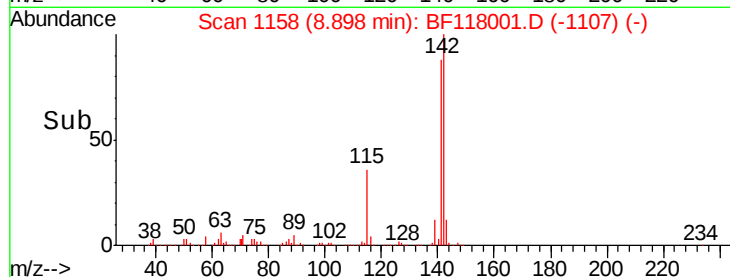
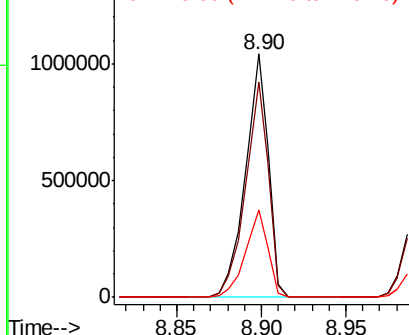
142 100

141 88.3 71.1 106.7

115 35.8 29.2 43.8



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: 49.012 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

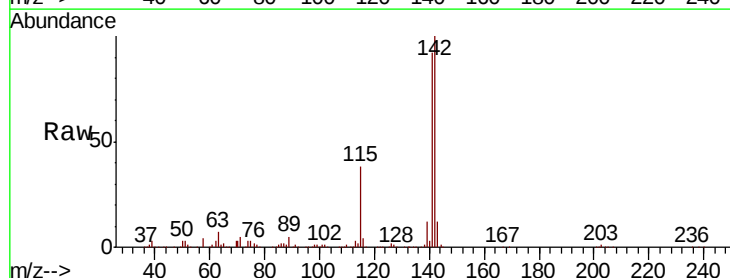
Tgt Ion:142 Resp: 923428

Ion Ratio Lower Upper

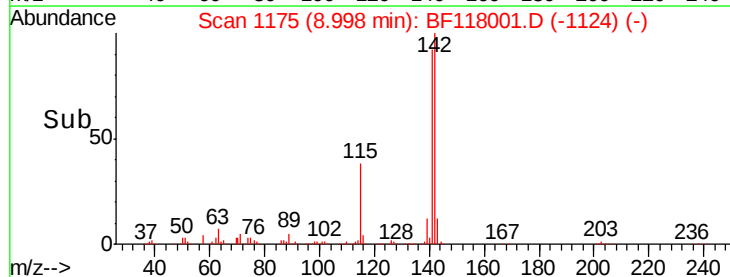
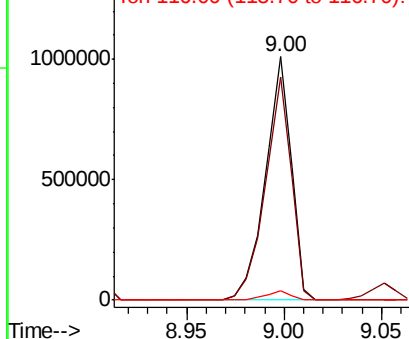
142 100

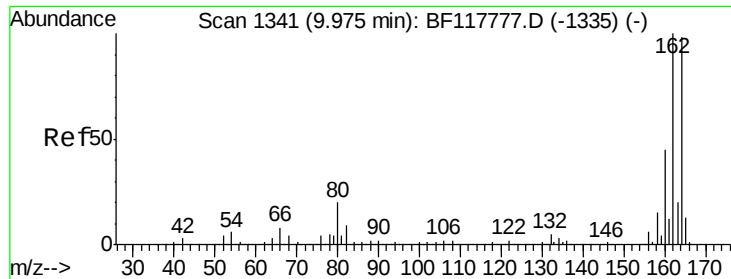
141 91.8 73.5 110.3

116 3.8 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

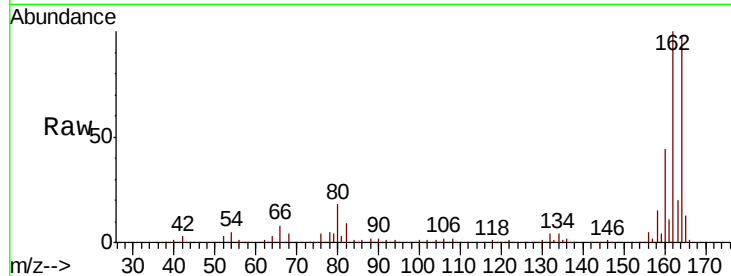




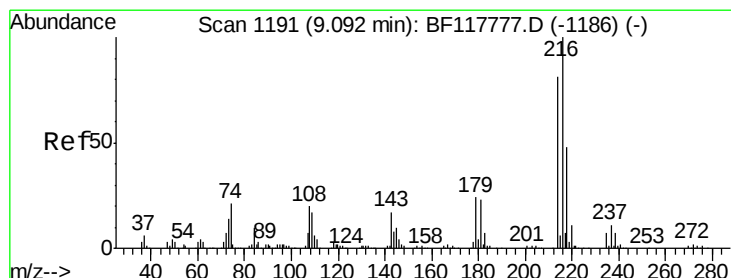
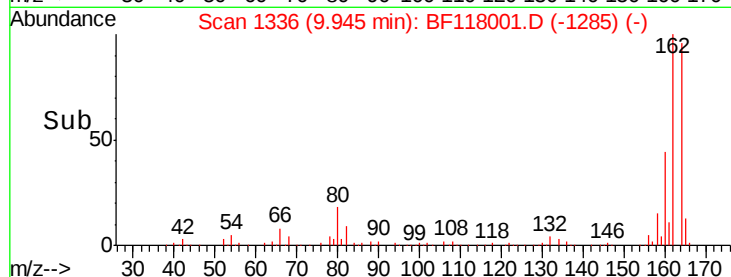
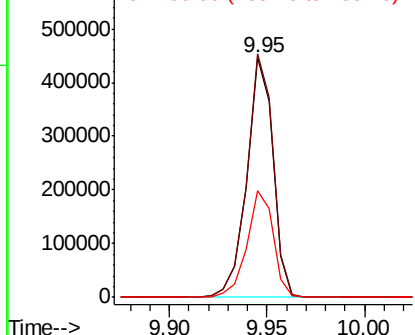
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 413560
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 44.4 36.6 55.0

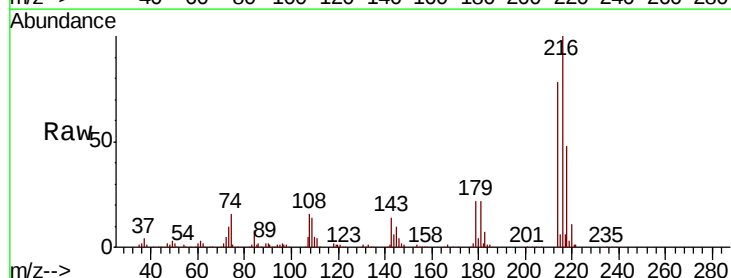


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

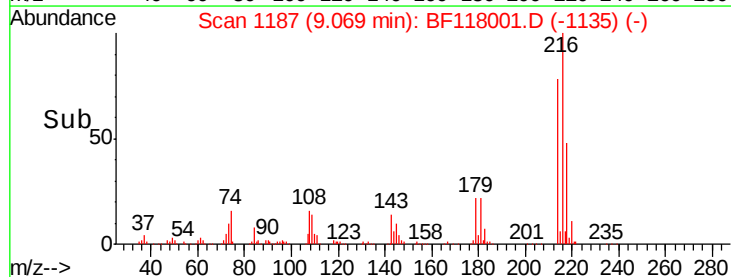
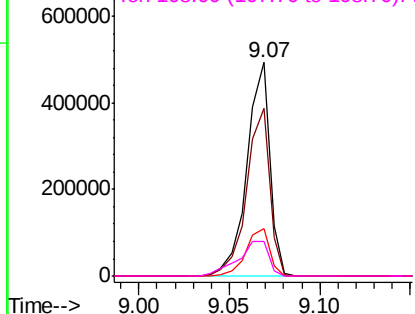


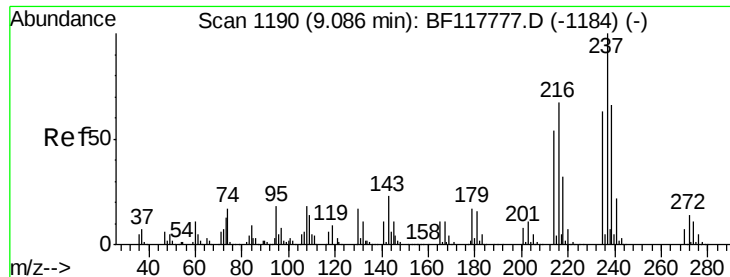
#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.035 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion:216 Resp: 432791
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.0
179 23.1 18.2 27.4
108 21.9 16.0 24.0



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: 79.746 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampleId :

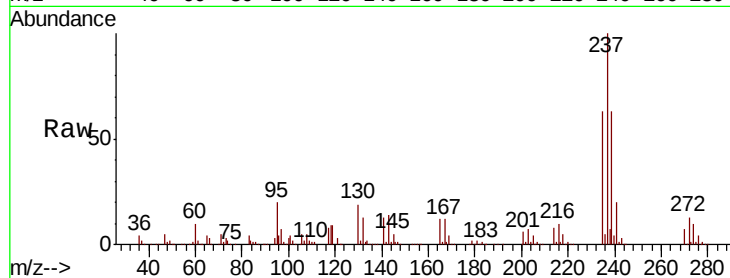
Tot Ion:237 Resp: 536734

Ion Ratio Lower Upper

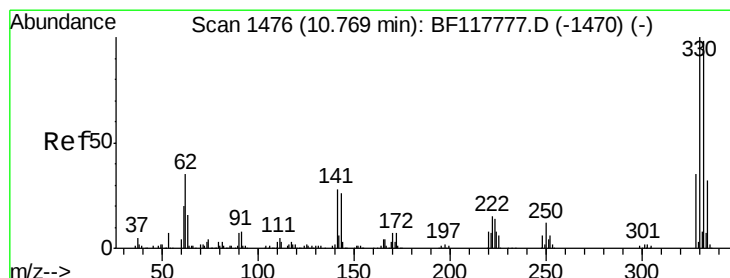
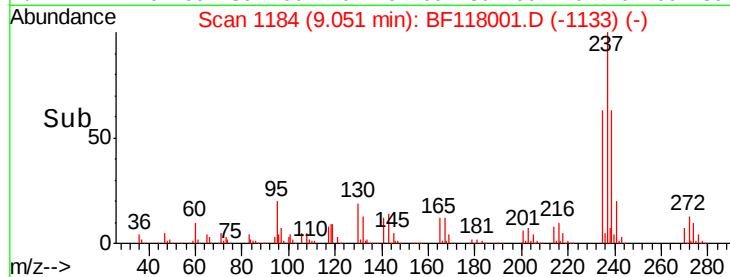
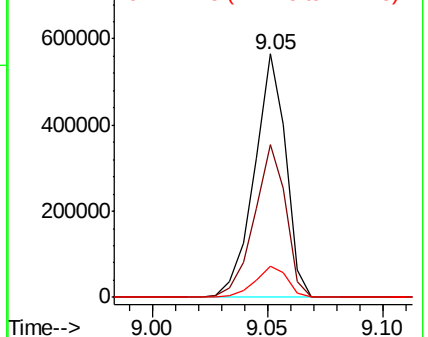
237 100

235 62.8 42.6 82.6

272 12.8 0.0 34.3



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



#42

2,4,6-Tribromophenol

Concen: 108.582 ng

RT: 10.75 min Scan# 1472

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

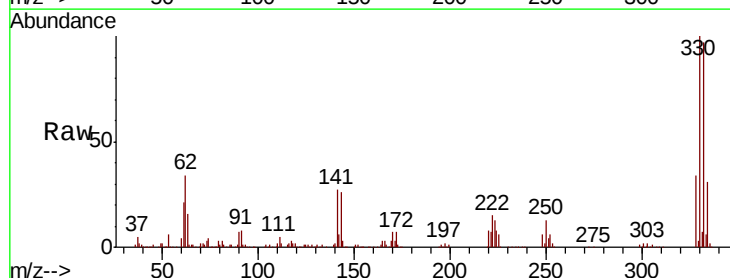
Tgt Ion:330 Resp: 475405

Ion Ratio Lower Upper

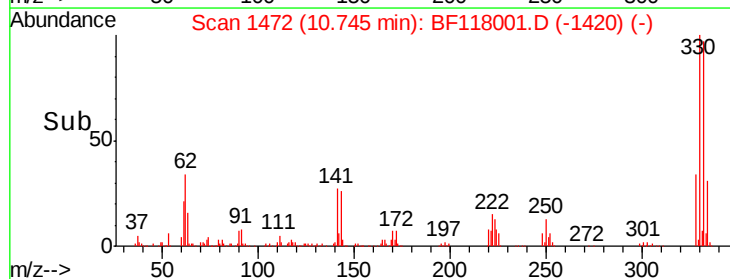
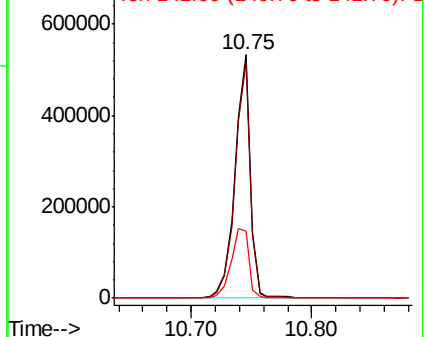
330 100

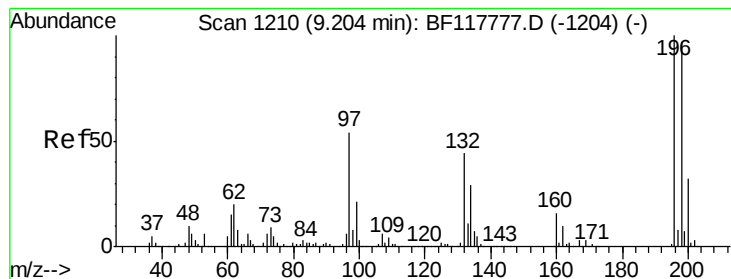
332 96.6 76.7 115.1

141 33.0 27.7 41.5



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: 36.946 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampled :

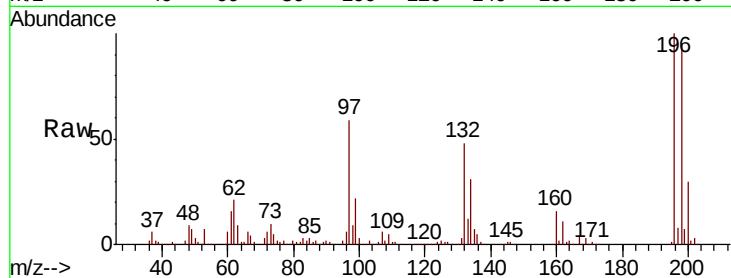
Tot Ion:196 Resp: 317825

Ion Ratio Lower Upper

196 100

198 95.0 77.8 116.6

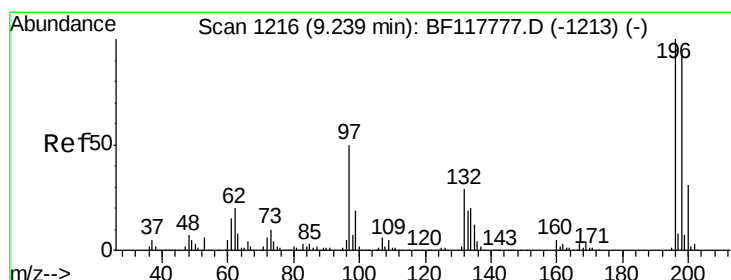
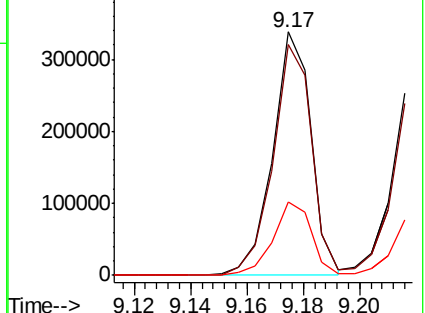
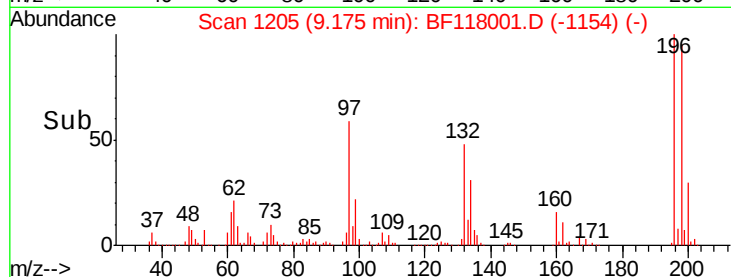
200 30.2 25.4 38.0



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: 39.461 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Tgt Ion:196 Resp: 352454

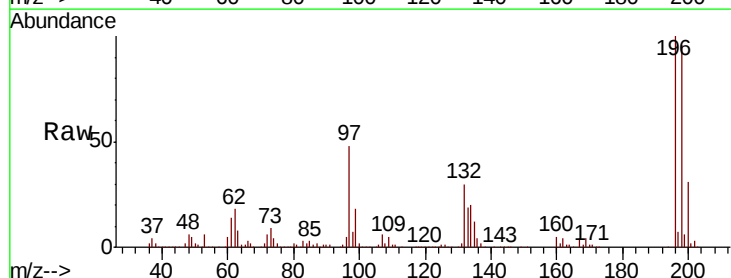
Ion Ratio Lower Upper

196 100

198 95.6 76.3 114.5

97 48.3 40.0 60.0

132 29.7 23.6 35.4

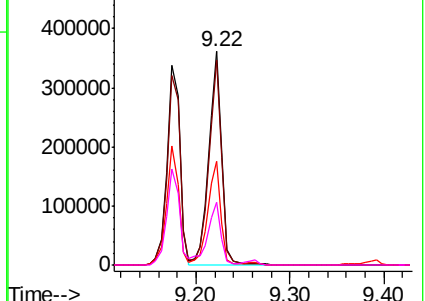
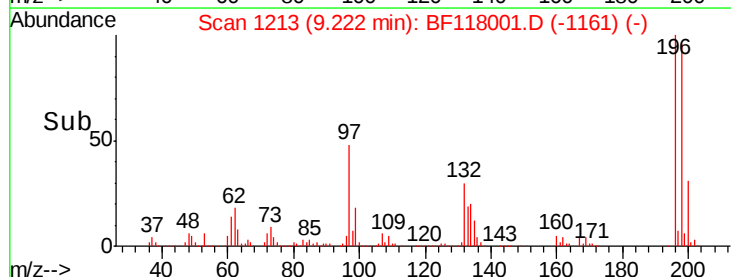


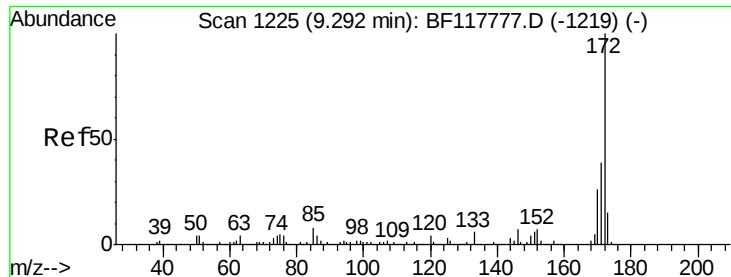
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

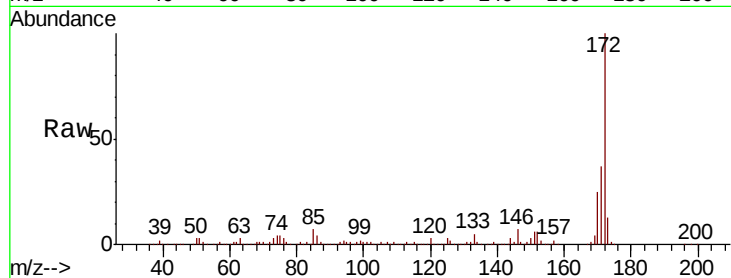




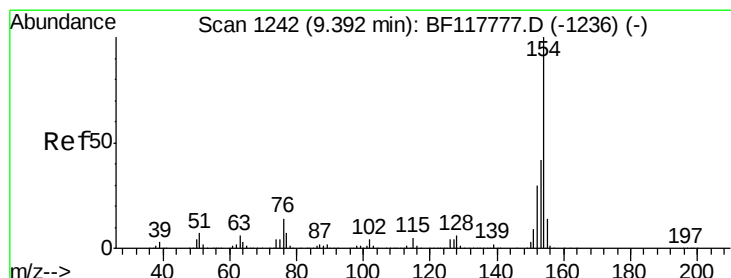
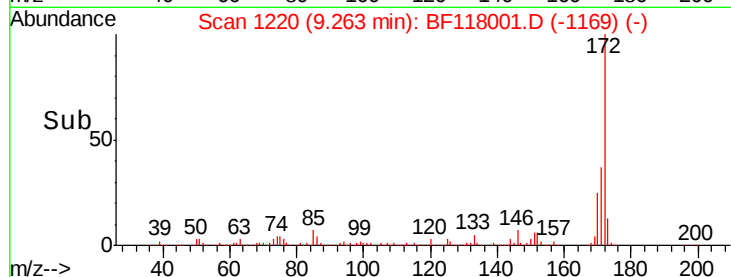
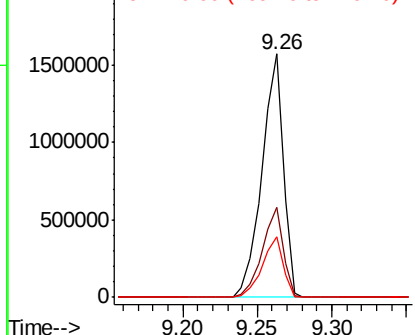
#45
2-Fluorobiphenyl
Concen: 66.879 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1541701
Ion Ratio Lower Upper
172 100
171 37.1 30.9 46.3
170 24.6 21.0 31.4

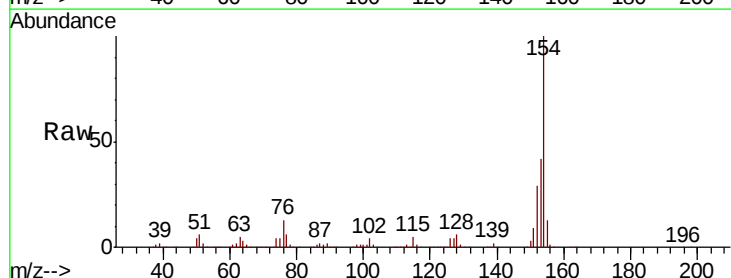


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

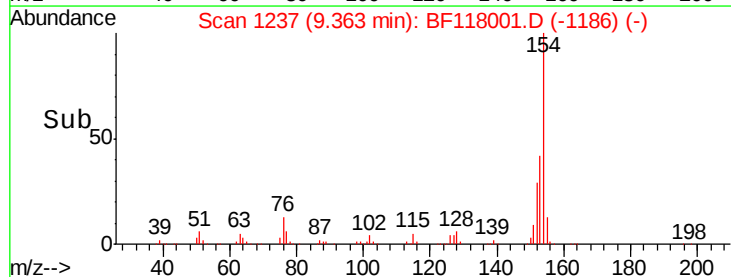
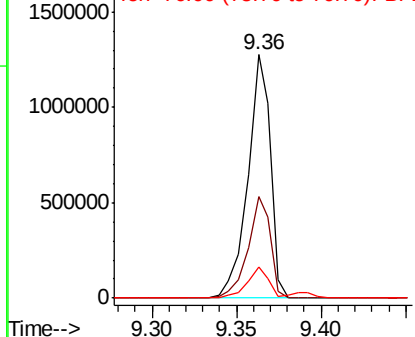


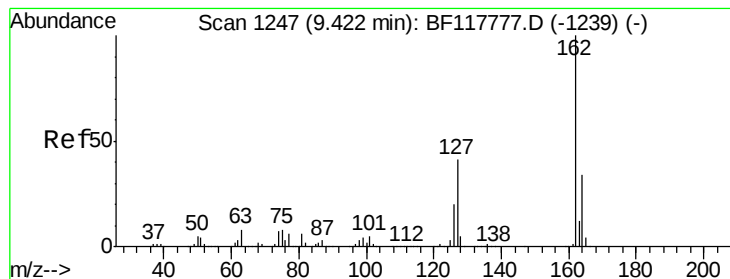
#46
1,1'-Biphenyl
Concen: 38.860 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion:154 Resp: 1192313
Ion Ratio Lower Upper
154 100
153 41.9 21.9 61.9
76 12.8 0.0 33.6



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





#47

2-Chloronaphthalene

Concen: 36.800 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampleId :

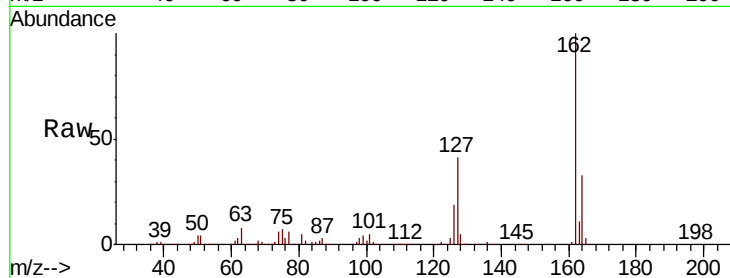
Tot Ion:162 Resp: 928860

Ion Ratio Lower Upper

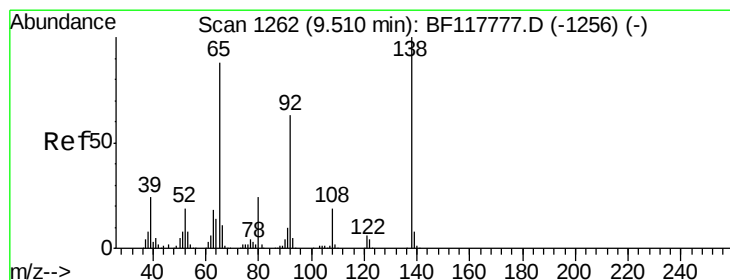
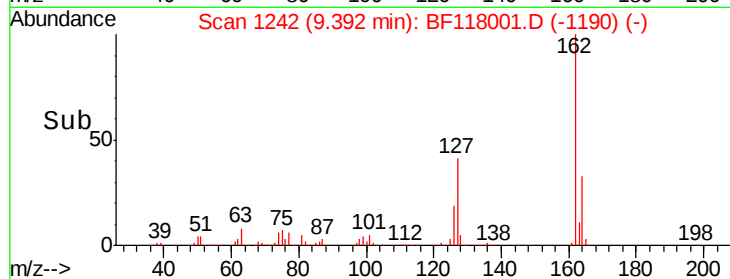
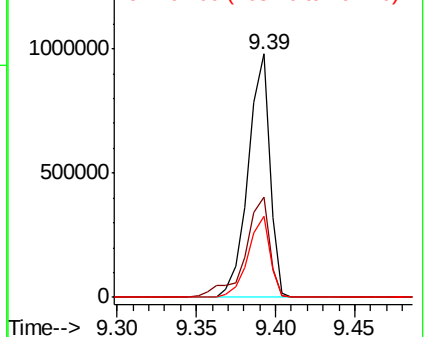
162 100

127 41.4 33.2 49.8

164 33.4 27.3 40.9



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



#48

2-Nitroaniline

Concen: 35.756 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

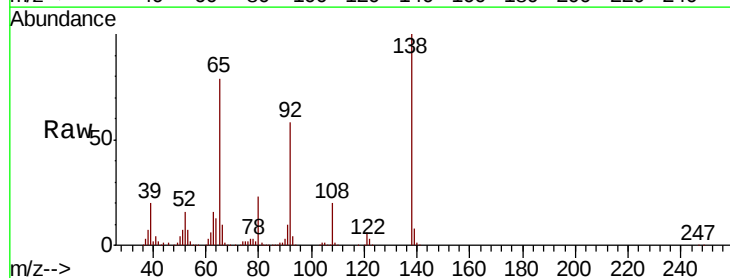
Tgt Ion: 65 Resp: 272476

Ion Ratio Lower Upper

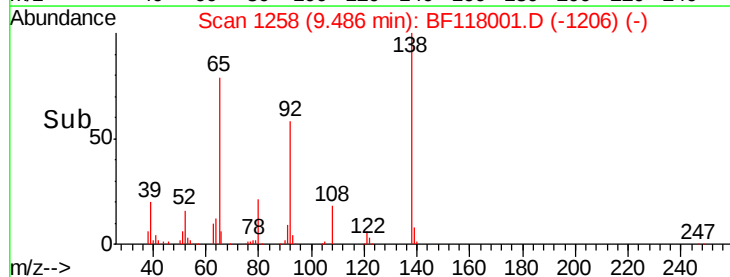
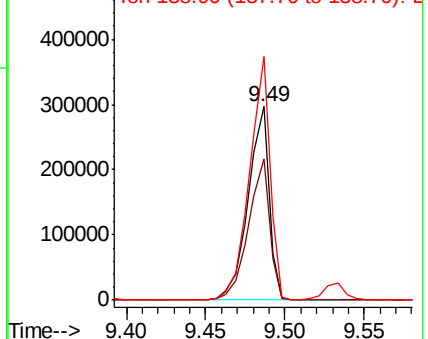
65 100

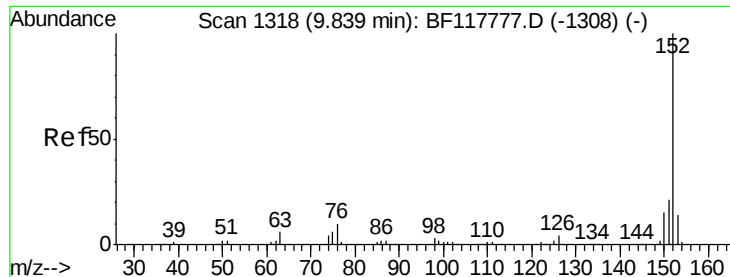
92 73.4 56.6 84.8

138 126.1 90.5 135.7



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: 39.698 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampleId :

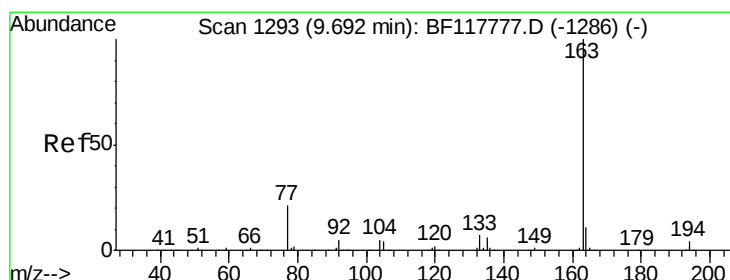
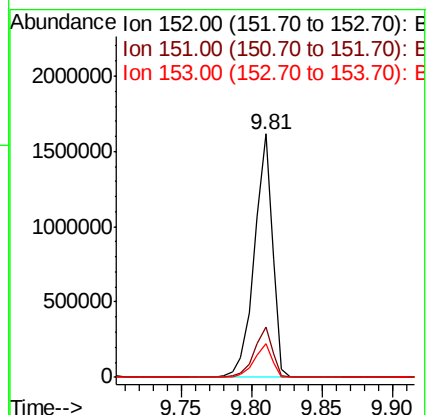
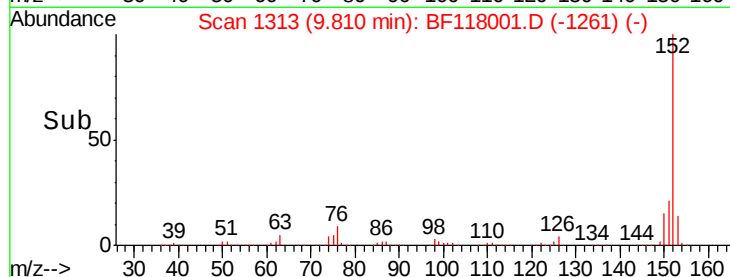
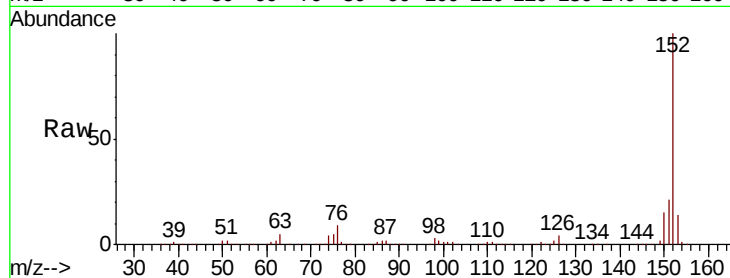
Tot Ion:152 Resp: 1460900

Ion Ratio Lower Upper

152 100

151 20.9 17.0 25.6

153 13.6 11.0 16.6



#50

Dimethylphthalate

Concen: 38.637 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

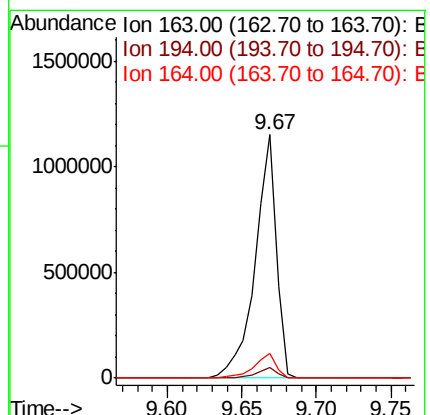
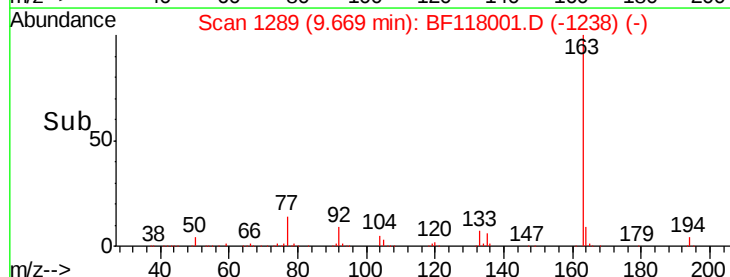
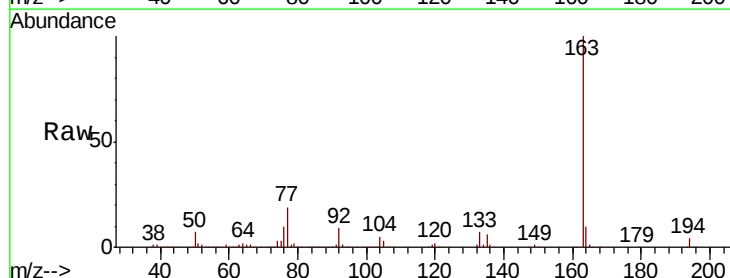
Tgt Ion:163 Resp: 1120507

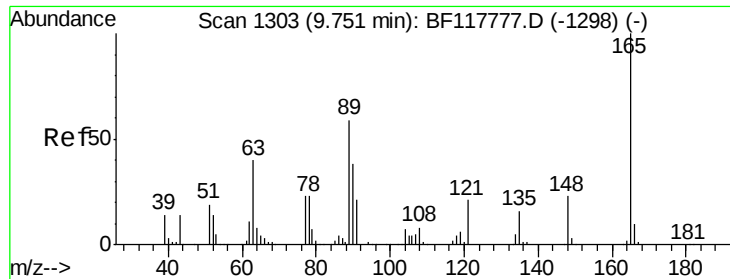
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 8.7 13.1

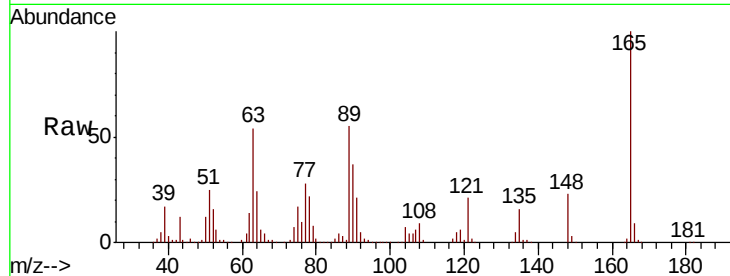




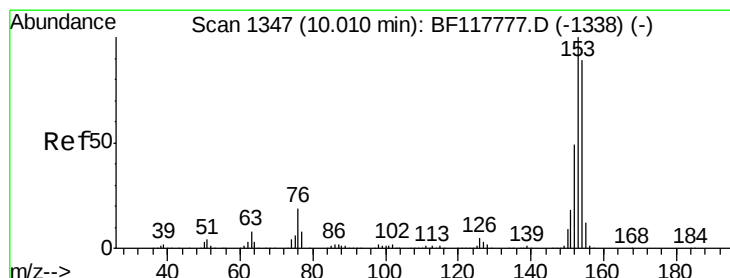
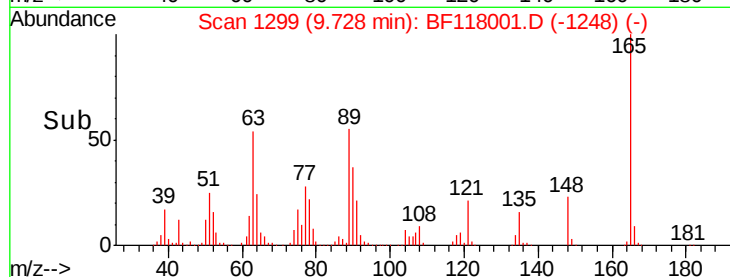
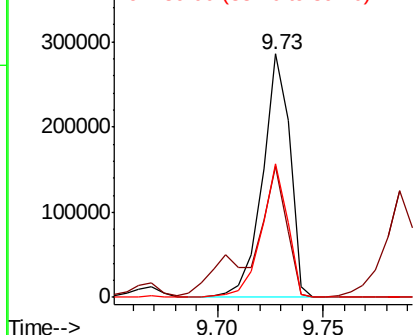
#51
 2,6-Dinitrotoluene
 Concen: 40.542 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 12:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.6	46.0	69.0
89	54.9	47.7	71.5

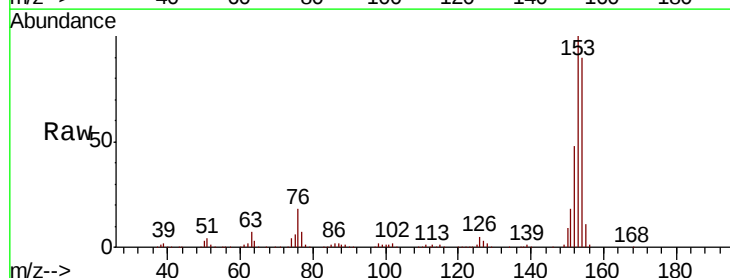


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

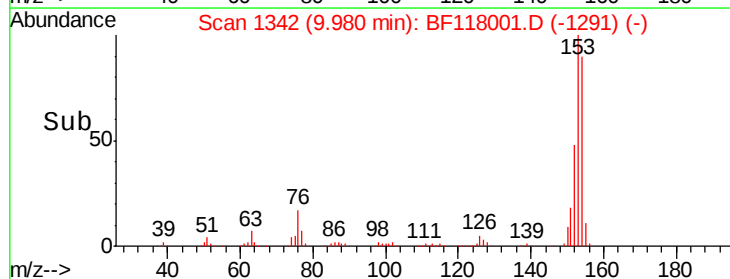
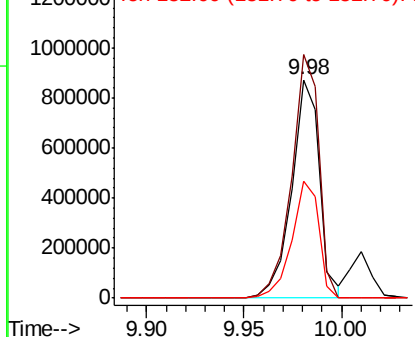


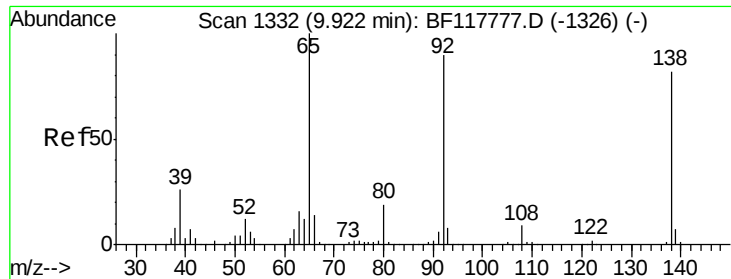
#52
 Acenaphthene
 Concen: 36.478 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 12:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.1	135.1
152	53.8	44.0	66.0



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

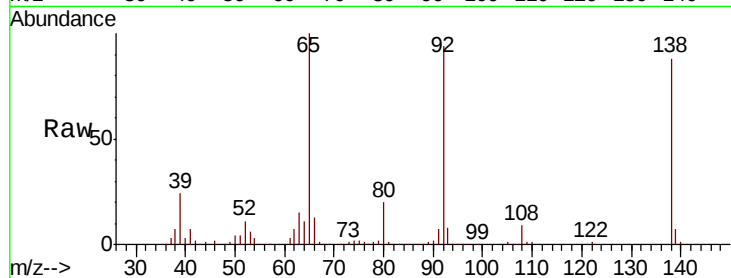




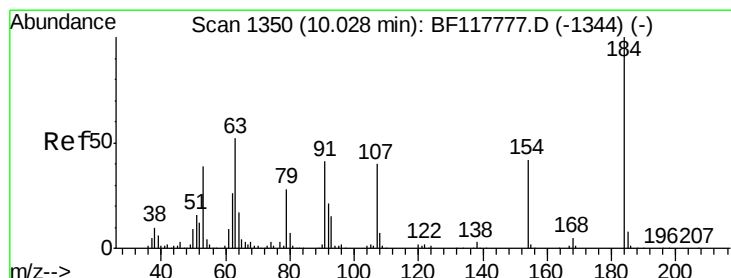
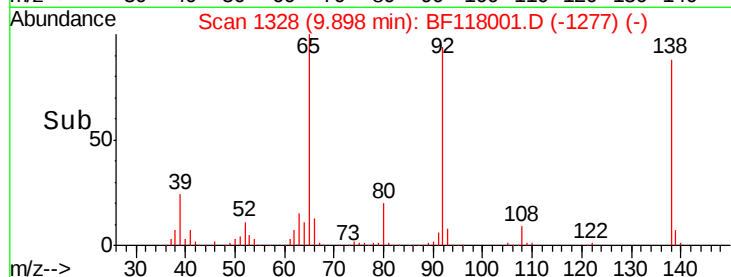
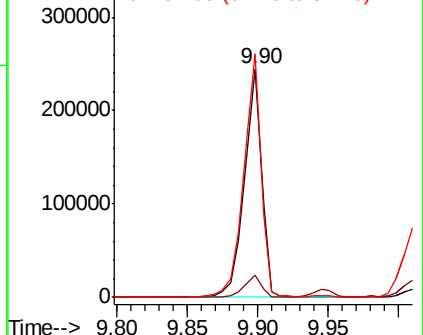
#53
3-Nitroaniline
Concen: 27.723 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 210254
Ion Ratio Lower Upper
138 100
108 9.9 8.6 12.8
92 106.5 87.9 131.9

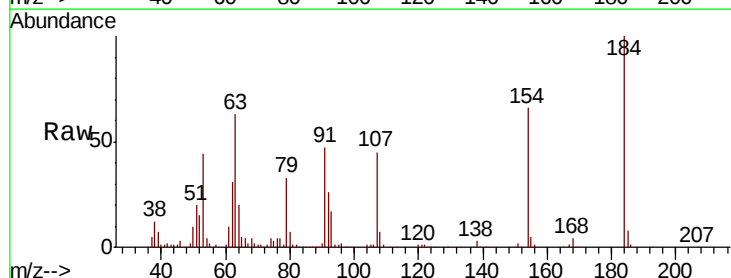


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

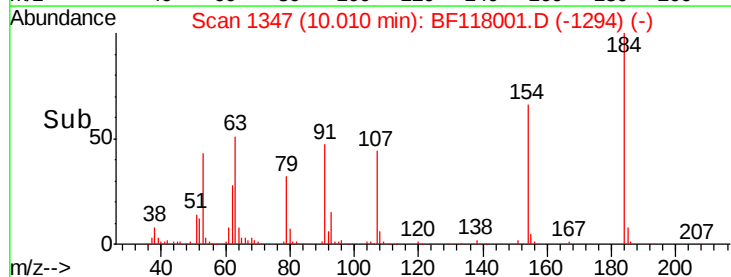
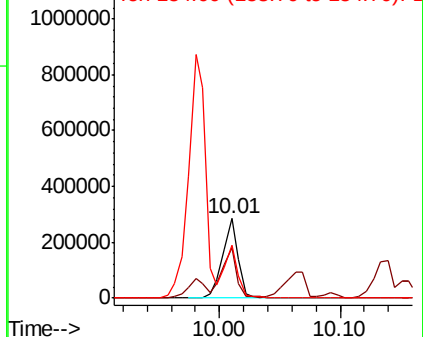


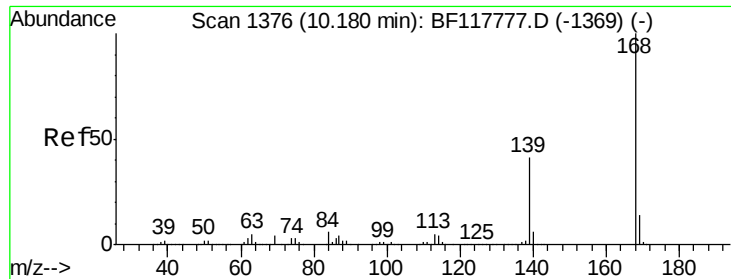
#54
2,4-Dinitrophenol
Concen: 79.039 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion:184 Resp: 257093
Ion Ratio Lower Upper
184 100
63 62.7 43.0 64.6
154 65.7 48.0 72.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

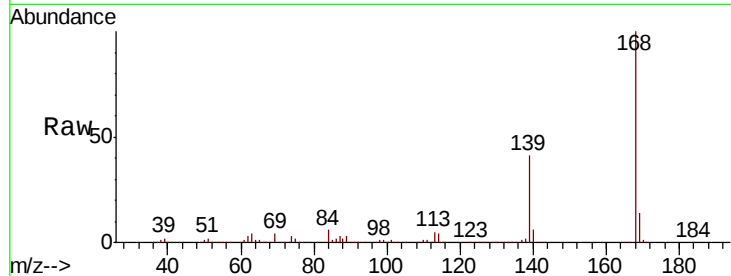




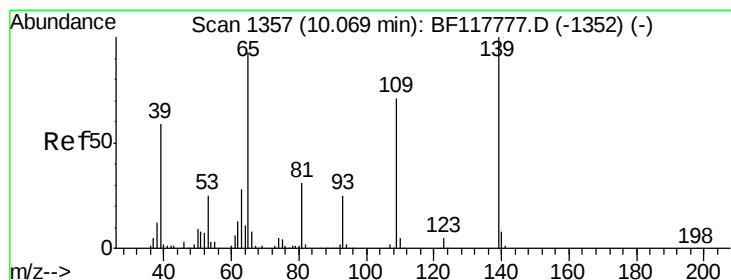
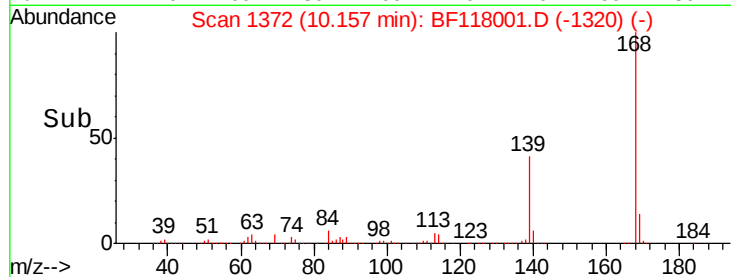
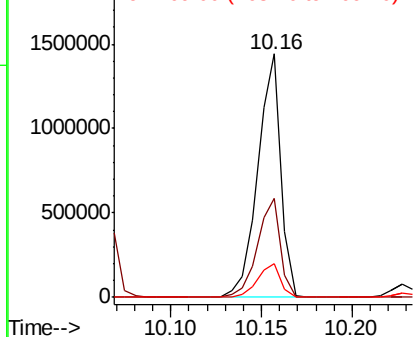
#55
Dibenzofuran
Concen: 38.936 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1271025
Ion Ratio Lower Upper
168 100
139 40.5 33.0 49.6
169 13.8 11.5 17.3

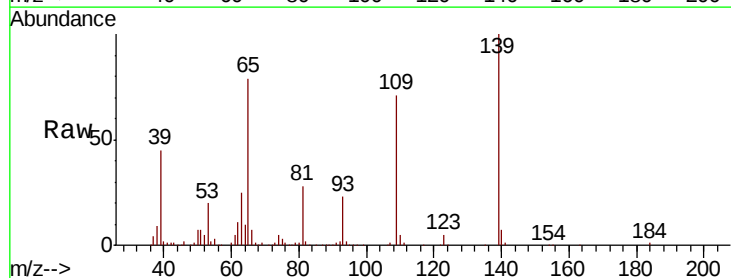


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

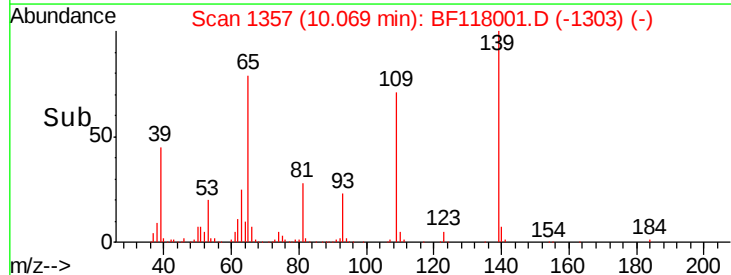
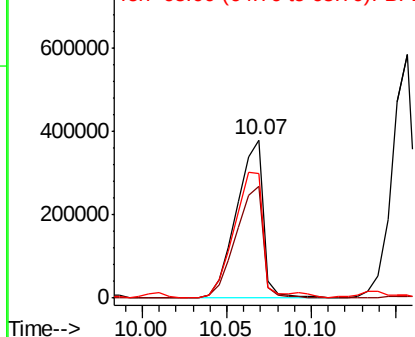


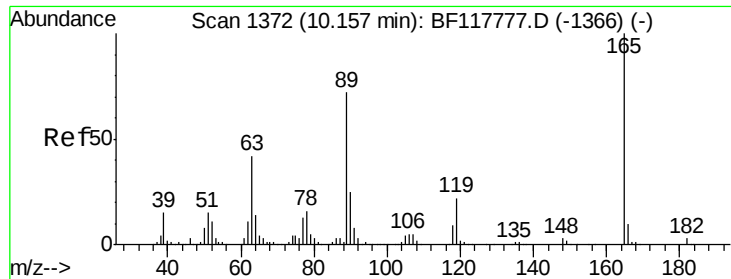
#56
4-Nitrophenol
Concen: 74.230 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.02 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion:139 Resp: 420219
Ion Ratio Lower Upper
139 100
109 70.5 50.8 90.8
65 79.2 73.6 113.6



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

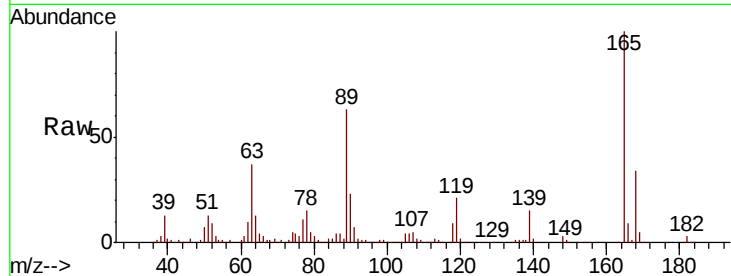




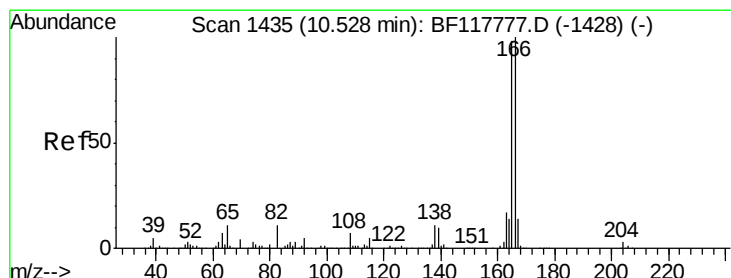
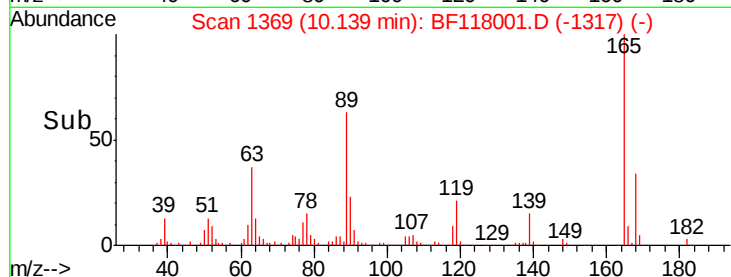
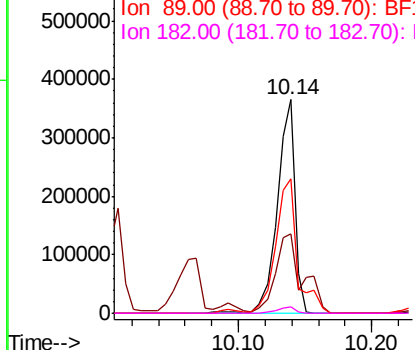
#57
2,4-Dinitrotoluene
Concen: 42.029 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.3	33.7	50.5
89	63.2	57.3	85.9
182	2.9	2.3	3.5

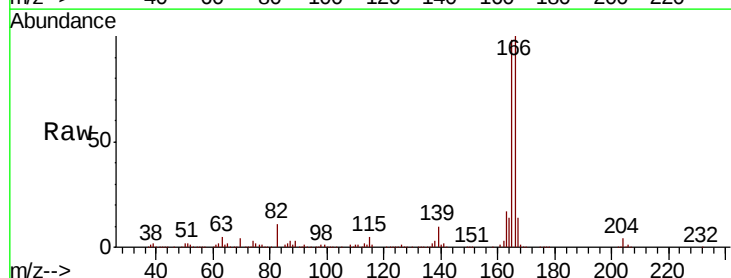


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

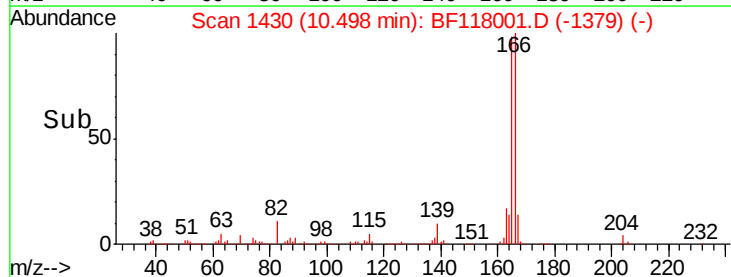
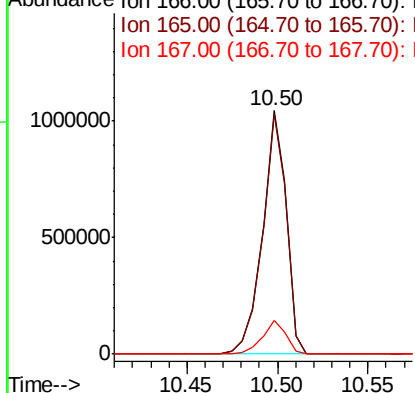


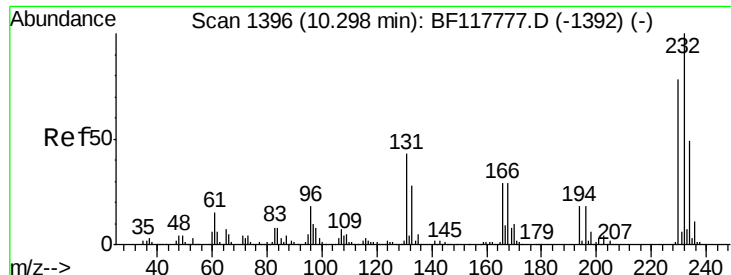
#58
Fluorene
Concen: 37.661 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	13.9	11.0	16.4



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

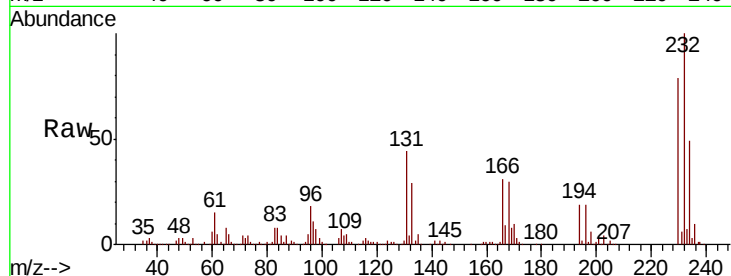




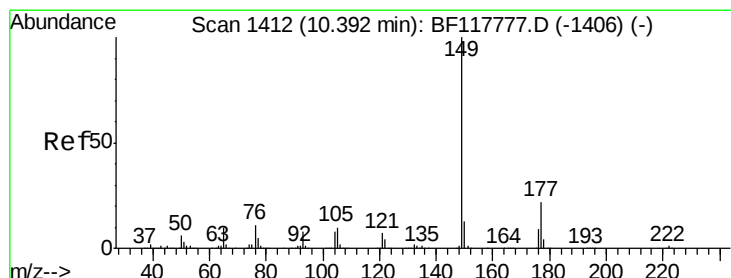
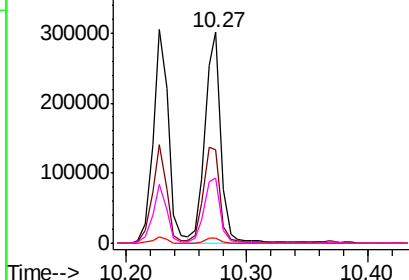
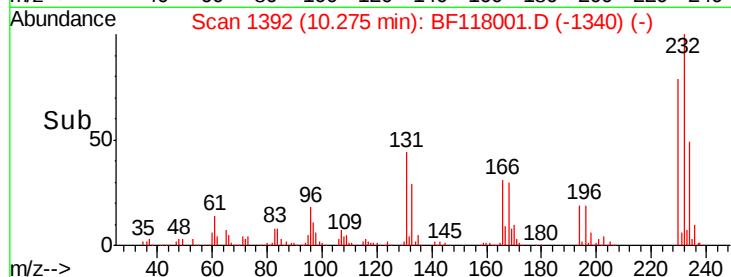
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.428 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 274675
 Ion Ratio Lower Upper
 232 100
 131 48.6 37.6 56.4
 130 2.3 1.9 2.9
 166 32.6 24.2 36.4

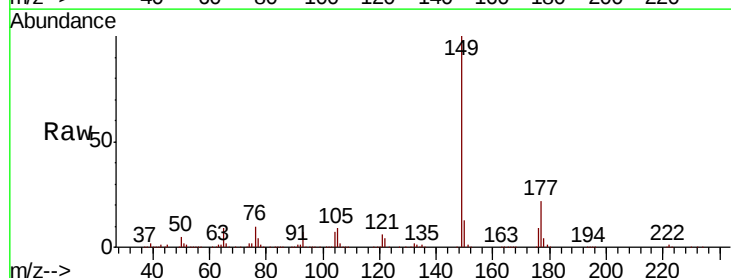


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

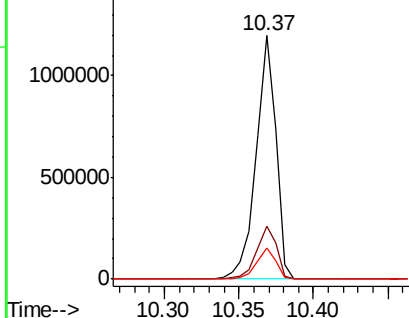
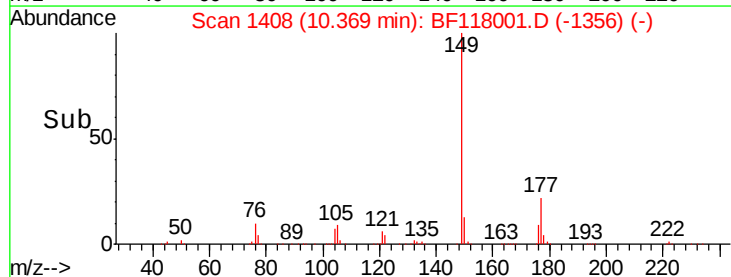


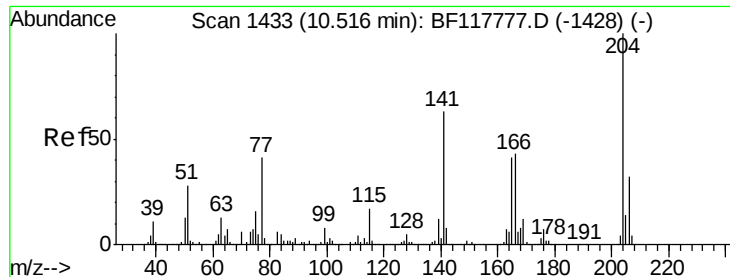
#60
 Diethylphthalate
 Concen: 38.421 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 12:34

Tgt Ion:149 Resp: 1086304
 Ion Ratio Lower Upper
 149 100
 177 21.9 18.0 27.0
 150 13.0 10.5 15.7



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

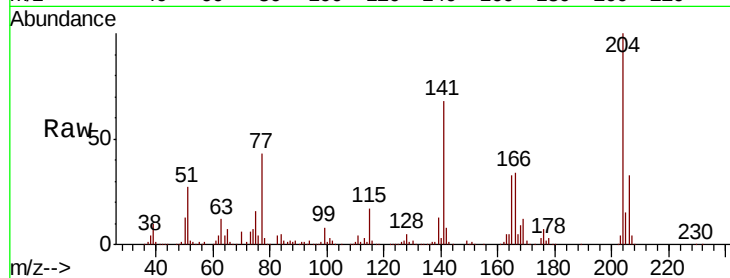




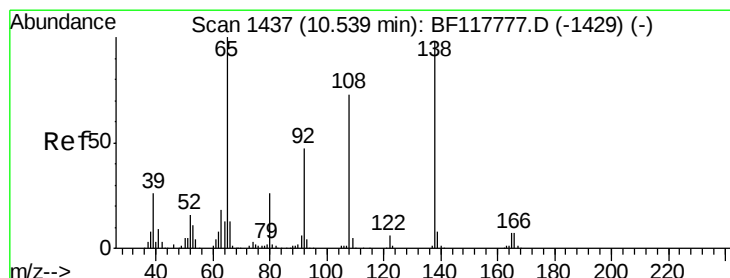
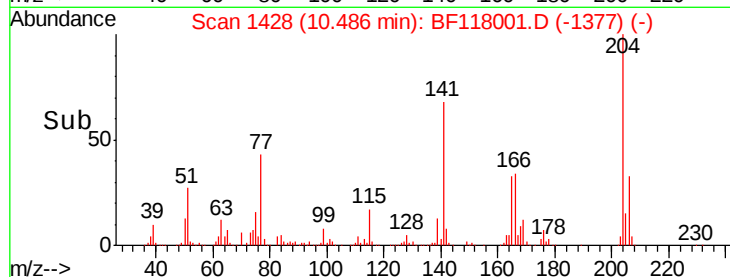
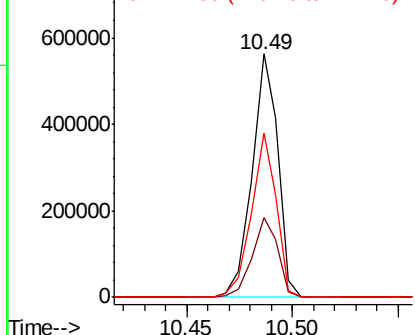
#61
4-Chlorophenyl-phenylether
Concen: 37.232 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 477978
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 67.7 50.7 76.1

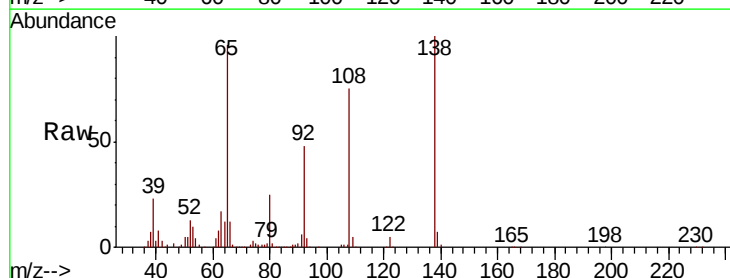


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

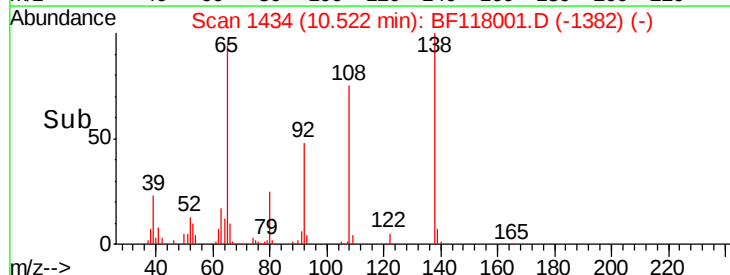
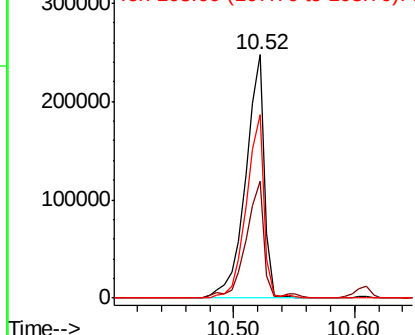


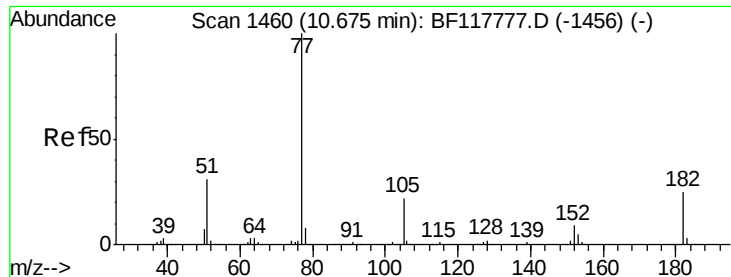
#62
4-Nitroaniline
Concen: 35.178 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion:138 Resp: 267128
Ion Ratio Lower Upper
138 100
92 48.0 28.3 68.3
108 75.4 54.3 94.3



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

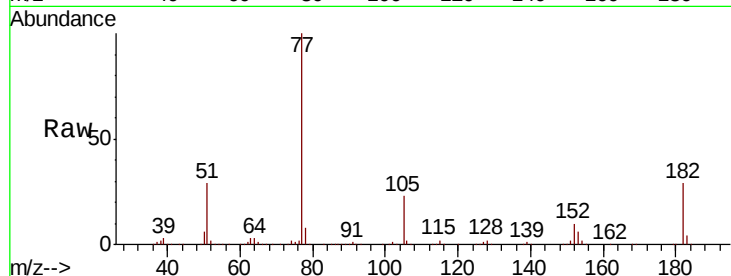




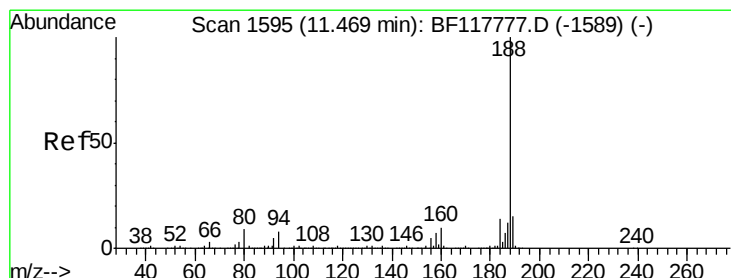
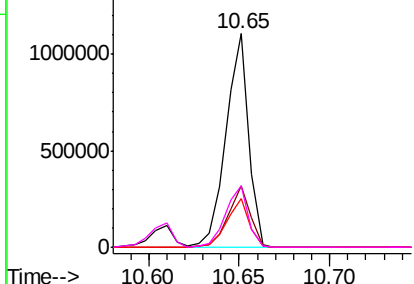
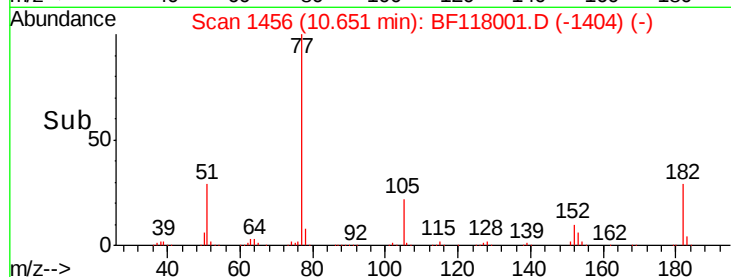
#63
Azobenzene
Concen: 37.358 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.7	4.8	44.8	
105	22.5	2.1	42.1	
51	28.5	11.4	51.4	

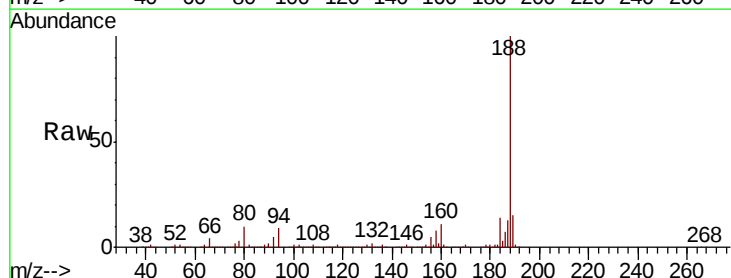


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

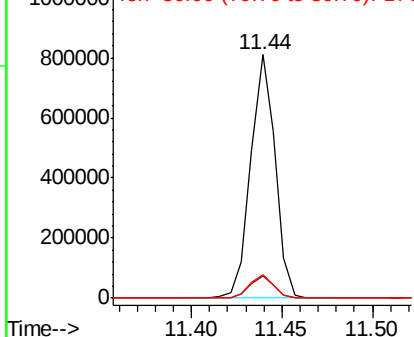
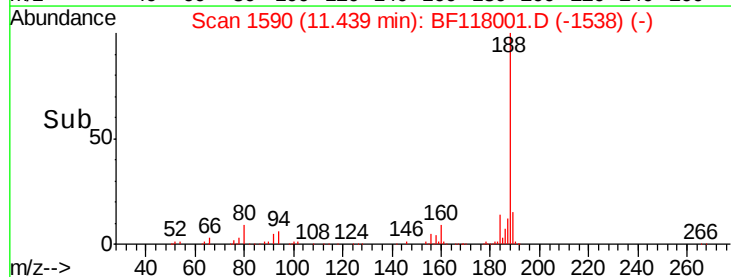


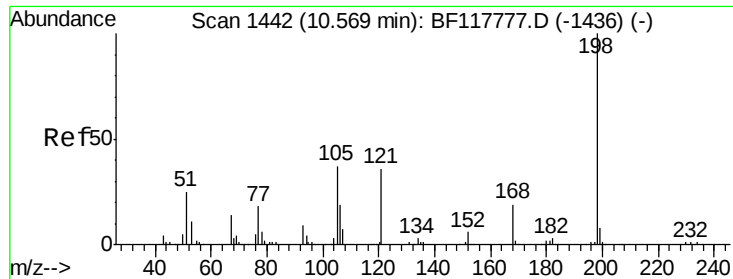
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.0	6.6	10.0	
80	9.8	7.2	10.8	



Abundance Ion 188.00 (187.70 to 188.70): E
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: 47.779 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampleId :

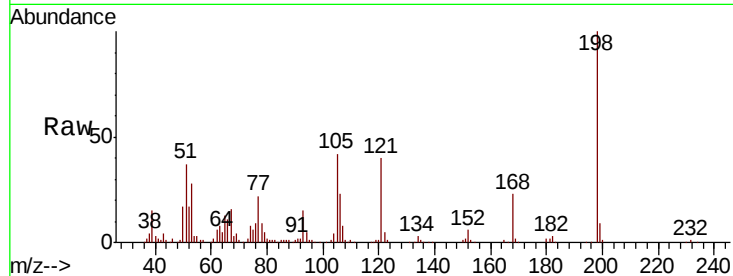
Tot Ion:198 Resp: 168836

Ion Ratio Lower Upper

198 100

51 36.9 16.0 56.0

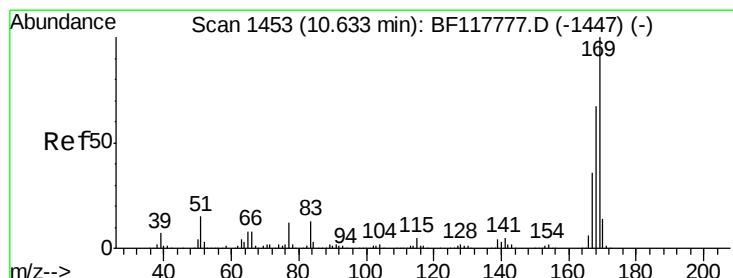
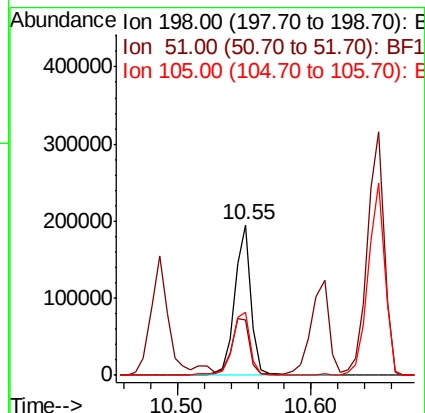
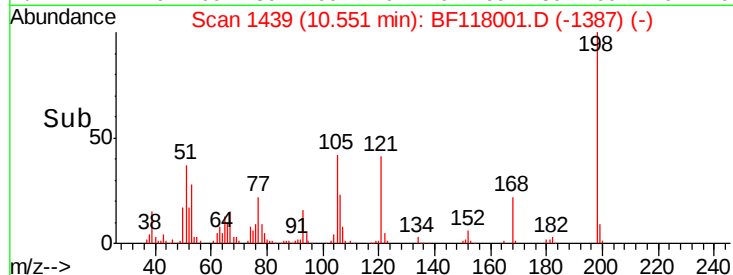
105 42.0 19.1 59.1



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: 39.980 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

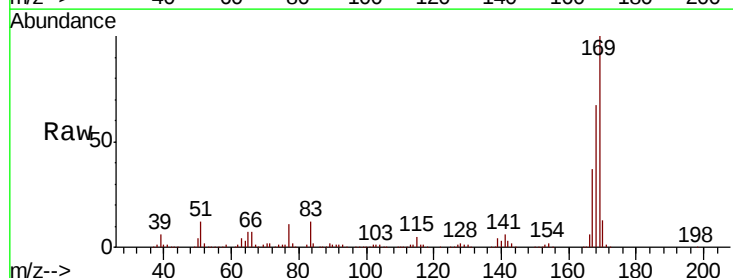
Tgt Ion:169 Resp: 880739

Ion Ratio Lower Upper

169 100

168 67.3 53.5 80.3

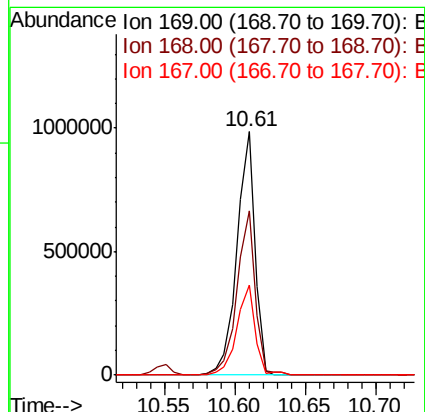
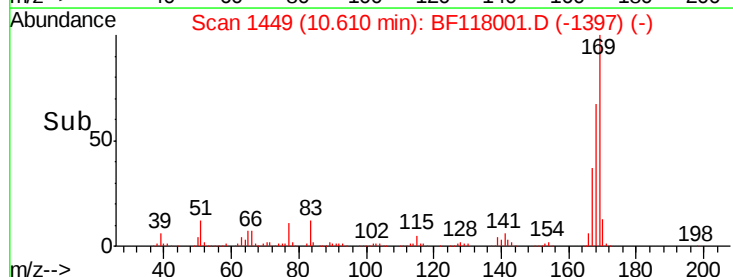
167 36.9 29.0 43.4

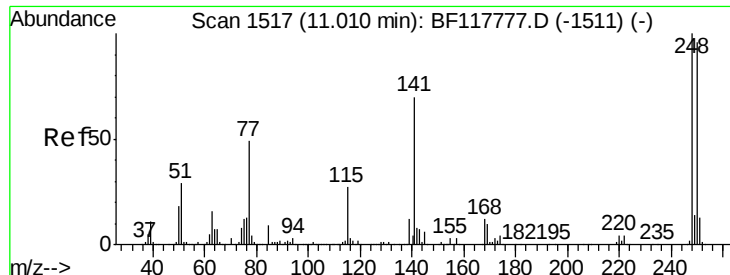


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

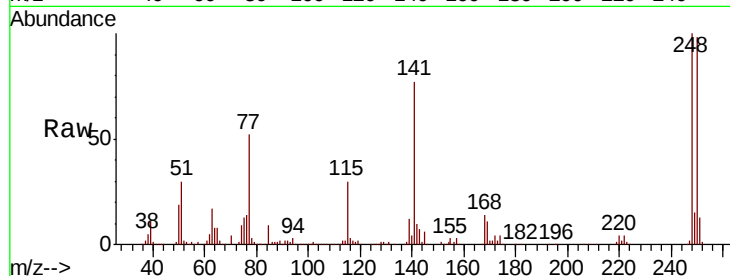




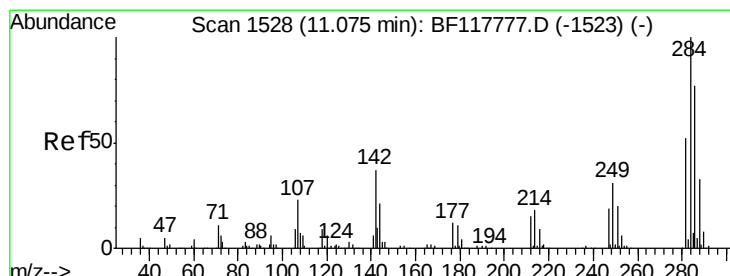
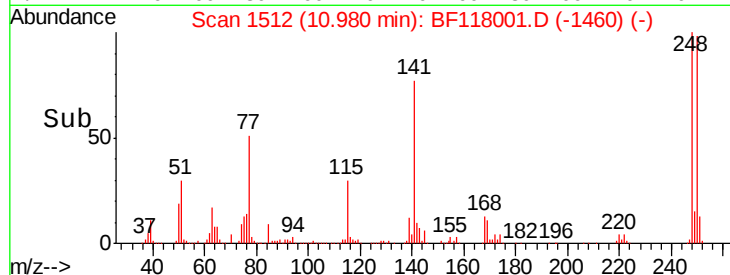
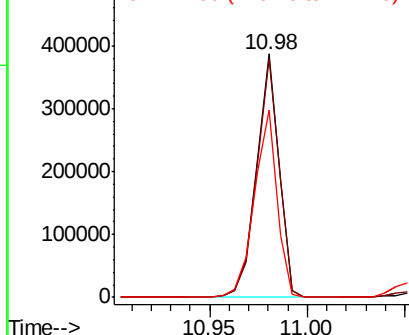
#67
 4-Bromophenyl-phenylether
 Concen: 38.040 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 12:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 310685
 Ion Ratio Lower Upper
 248 100
 250 98.1 76.6 115.0
 141 76.8 55.9 83.9

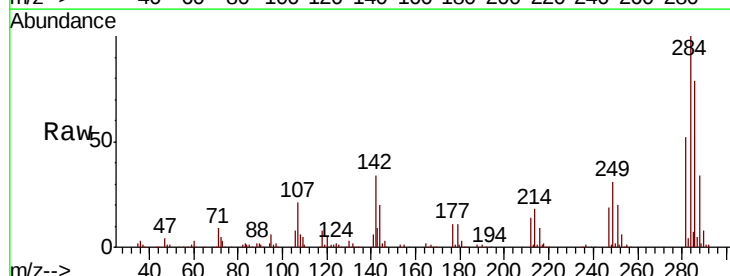


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

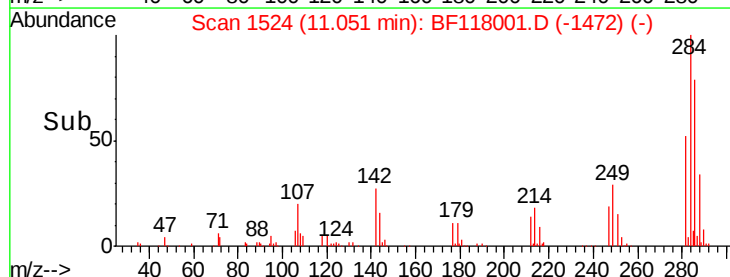
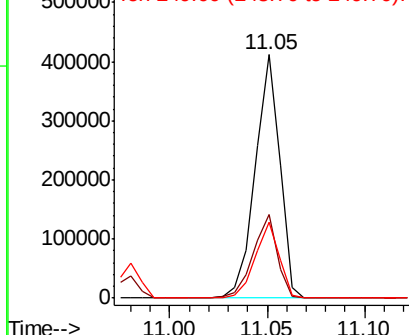


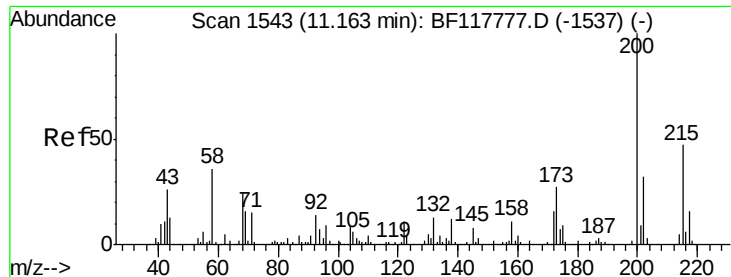
#68
 Hexachlorobenzene
 Concen: 37.732 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 12:34

Tgt Ion:284 Resp: 359348
 Ion Ratio Lower Upper
 284 100
 142 34.3 29.4 44.2
 249 31.2 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: 43.071 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampleId :

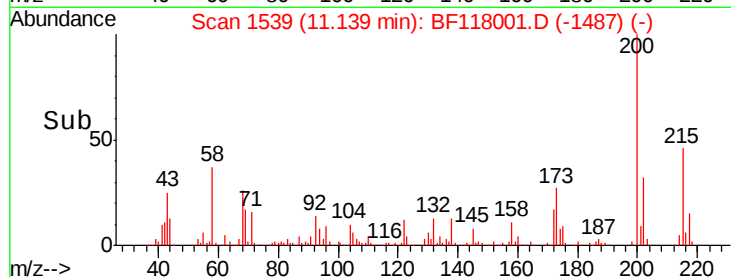
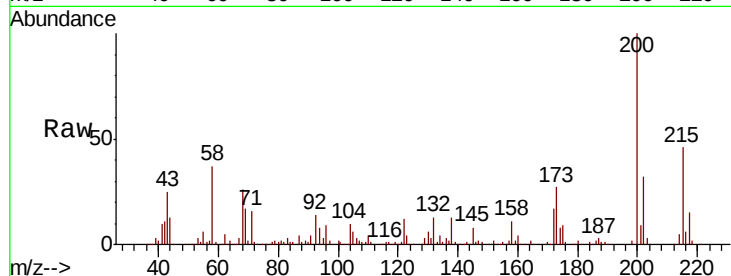
Tot Ion:200 Resp: 312123

Ion Ratio Lower Upper

200 100

173 26.8 6.7 46.7

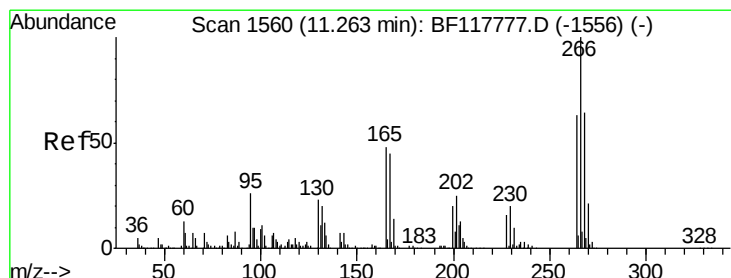
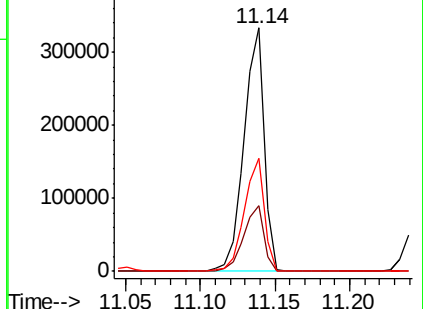
215 46.5 27.5 67.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 69.672 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

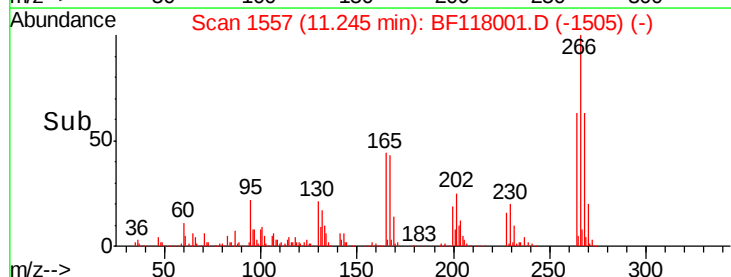
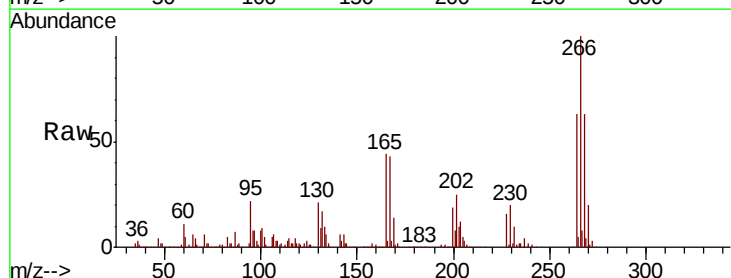
Tgt Ion:266 Resp: 387653

Ion Ratio Lower Upper

266 100

268 63.1 50.8 76.2

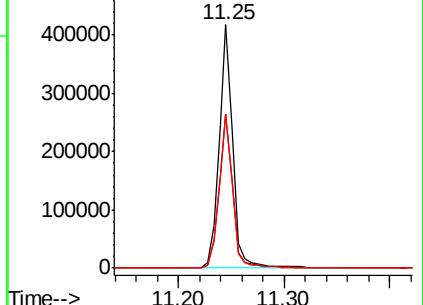
264 63.3 50.7 76.1

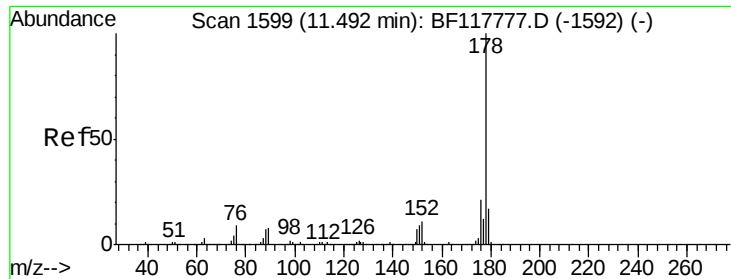


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.587 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampleId :

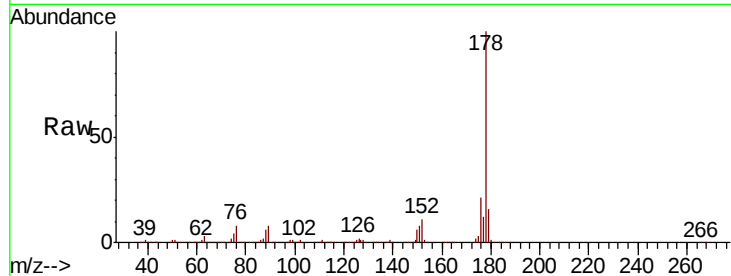
Tot Ion:178 Resp: 1468492

Ion Ratio Lower Upper

178 100

176 20.5 16.6 25.0

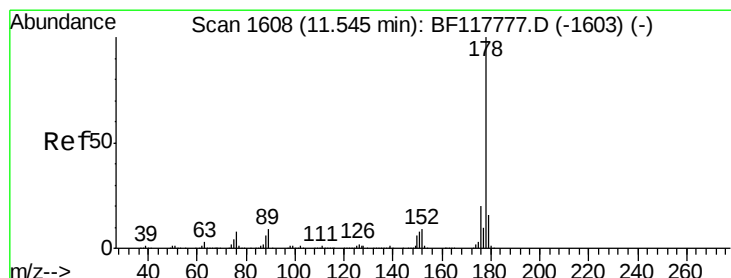
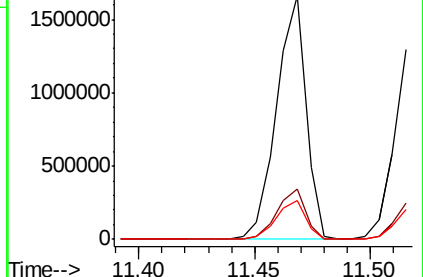
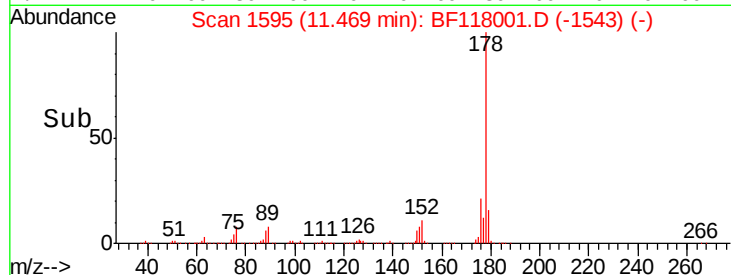
179 15.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 35.508 ng

RT: 11.52 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

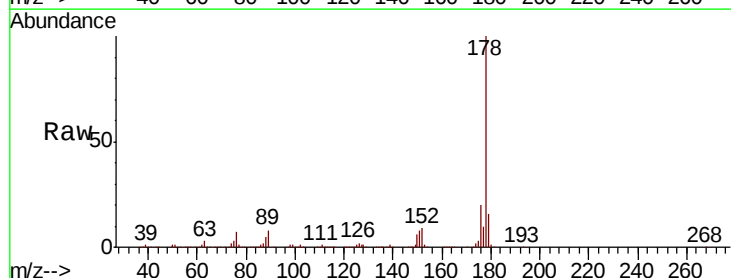
Tgt Ion:178 Resp: 1339825

Ion Ratio Lower Upper

178 100

176 19.7 16.1 24.1

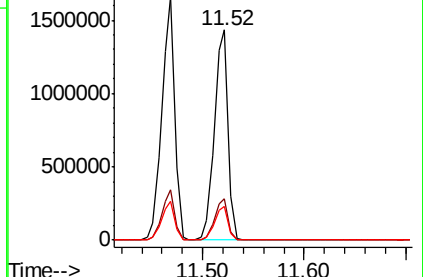
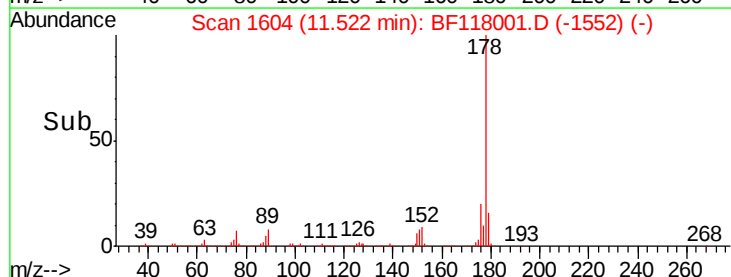
179 15.8 13.0 19.4

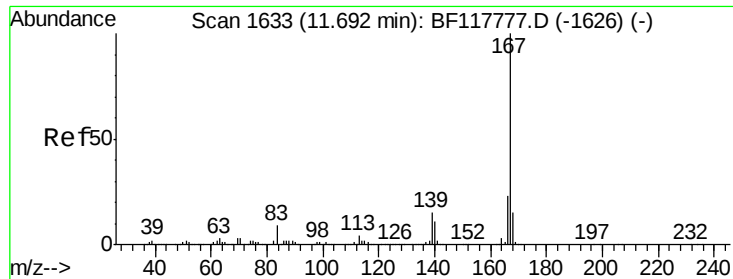


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

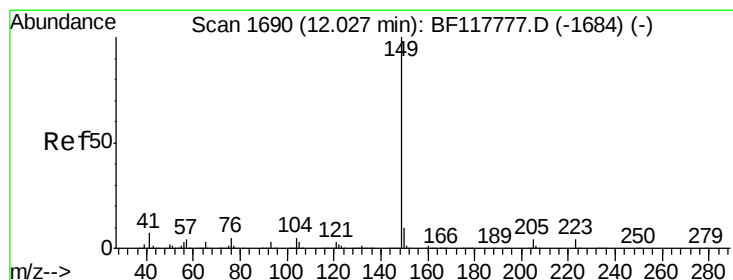
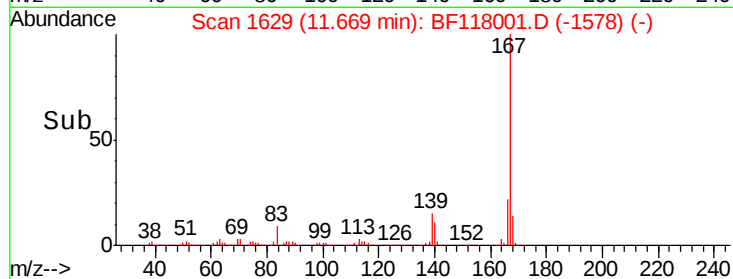
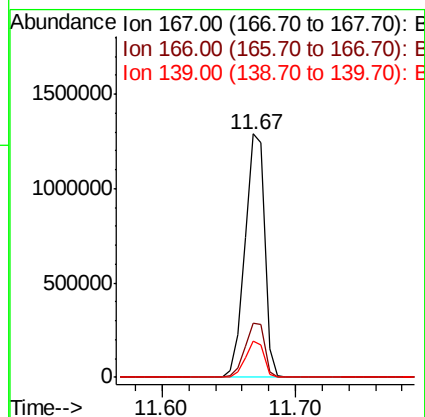
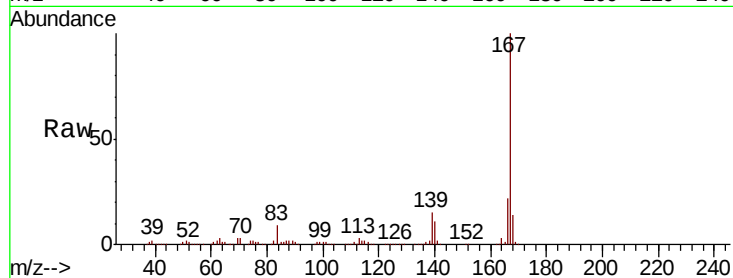




#73
 Carbazole
 Concen: 39.765 ng
 RT: 11.67 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 12:34

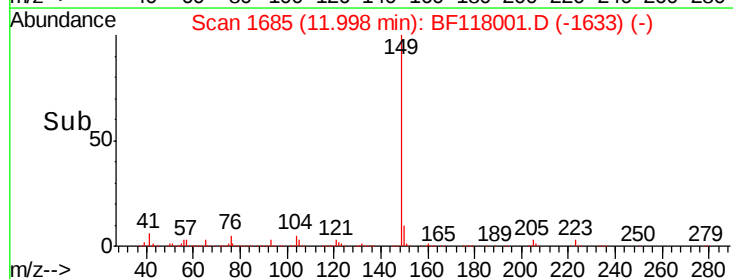
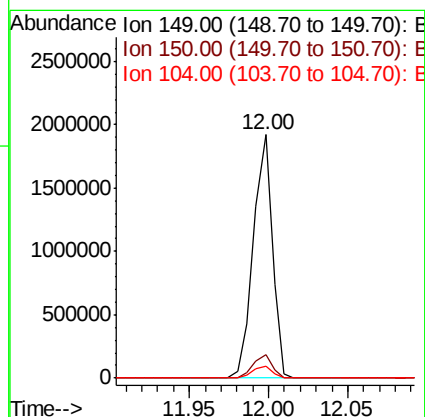
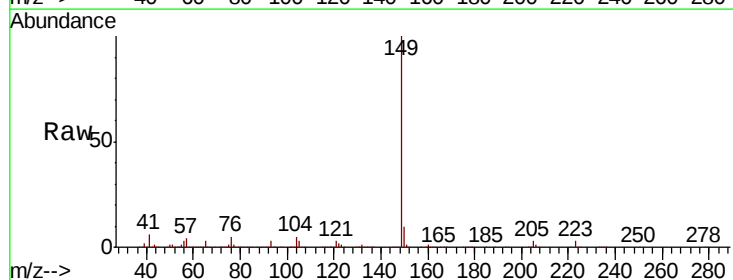
Instrument :
 BNA_F
 ClientSampleId :

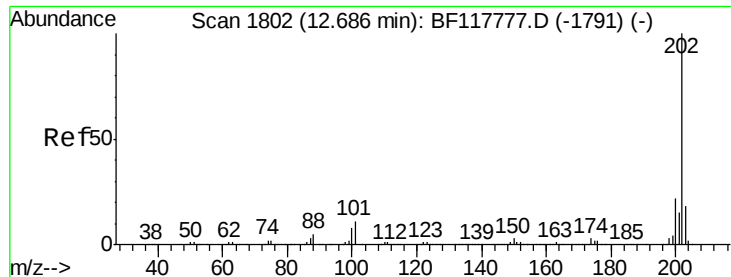
Tot Ion:167 Resp: 1311183
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 14.8 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 39.159 ng
 RT: 12.00 min Scan# 1685
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 12:34

Tgt Ion:149 Resp: 1607622
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.9 11.9
 104 5.2 4.2 6.4





#75

Fluoranthene

Concen: 33.947 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampleId :

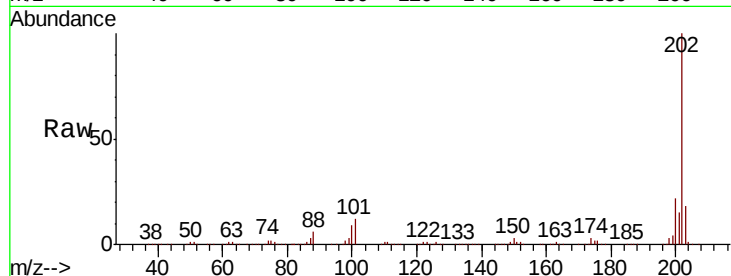
Tot Ion:202 Resp: 1240504

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.1

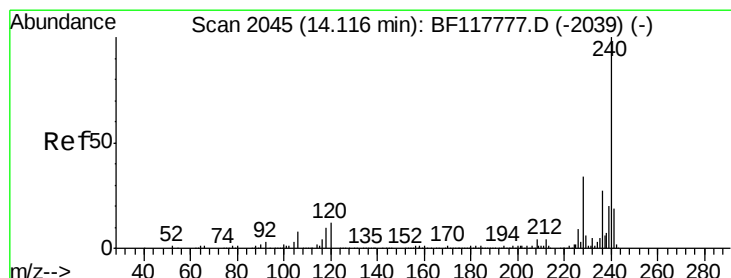
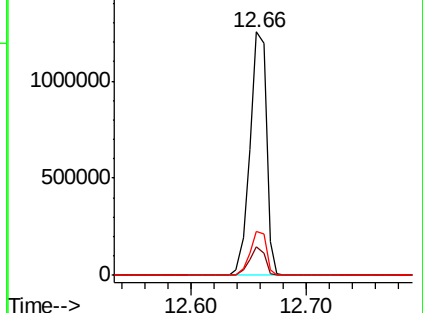
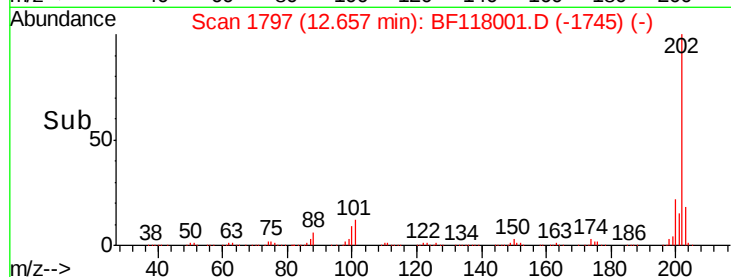
203 18.2 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

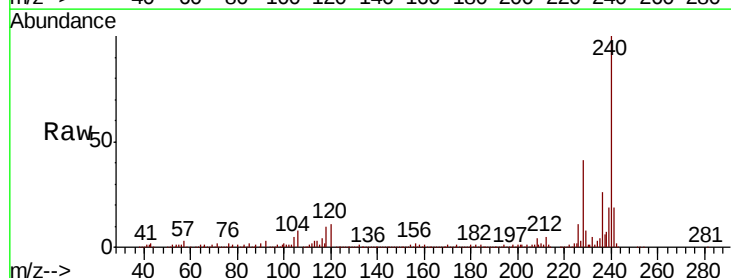
Tgt Ion:240 Resp: 428851

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

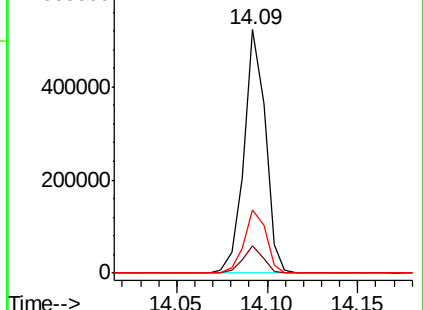
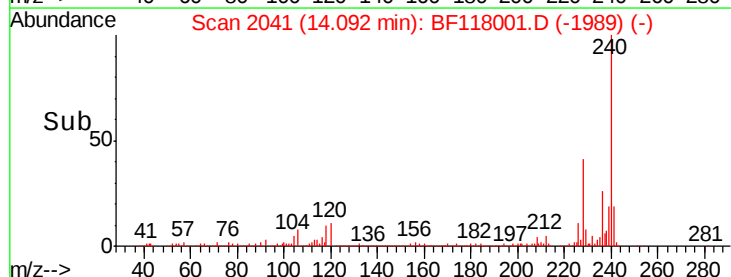
236 26.1 21.3 31.9

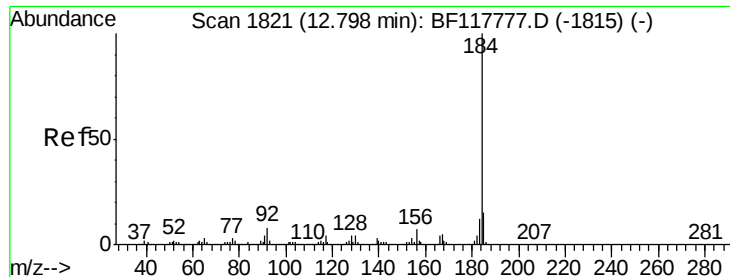


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

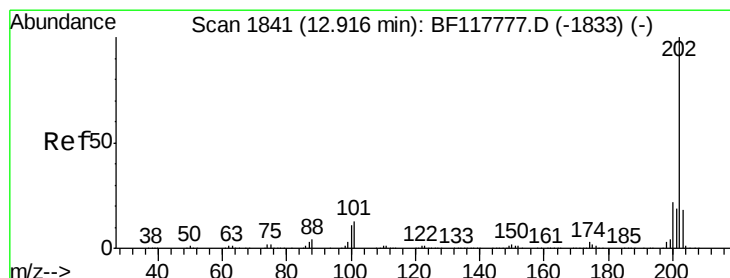
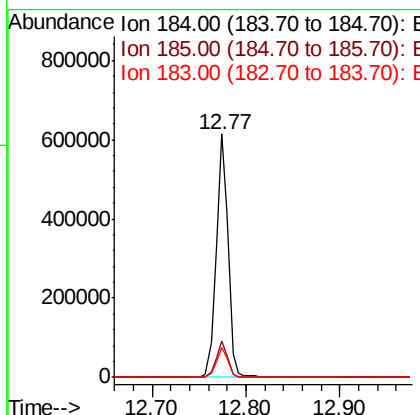
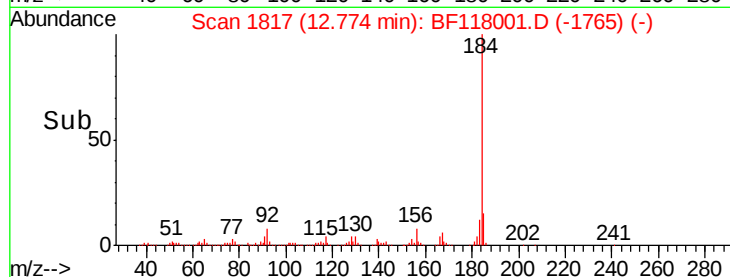
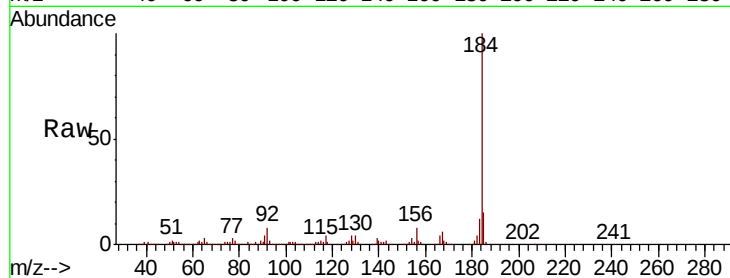




#77
Benzidine
Concen: 39.240 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

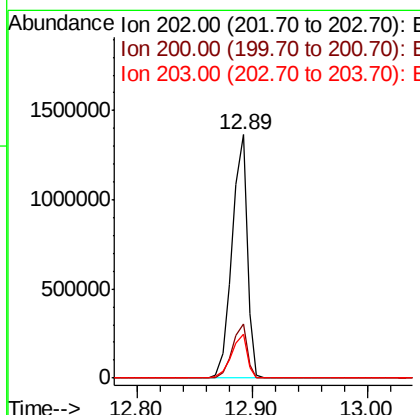
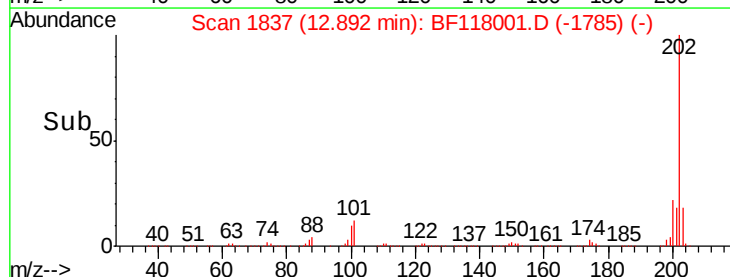
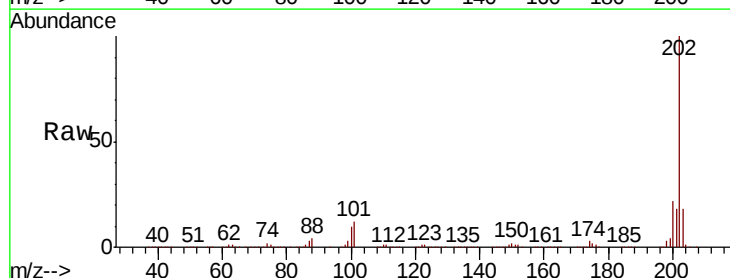
Instrument :
BNA_F
ClientSampleId :

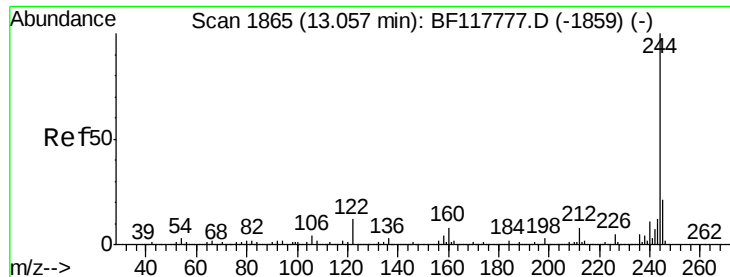
Tot Ion:184 Resp: 551224
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.4
183 12.2 9.5 14.3



#78
Pyrene
Concen: 35.976 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion:202 Resp: 1246855
Ion Ratio Lower Upper
202 100
200 22.5 17.8 26.8
203 18.1 14.6 22.0

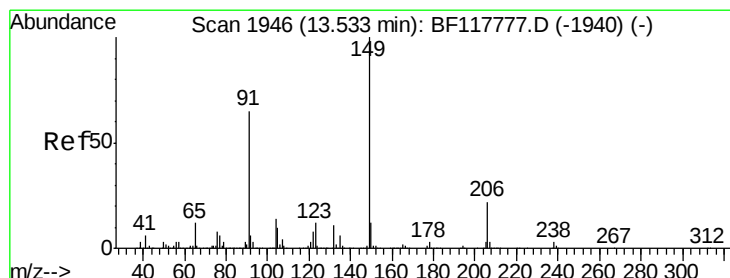
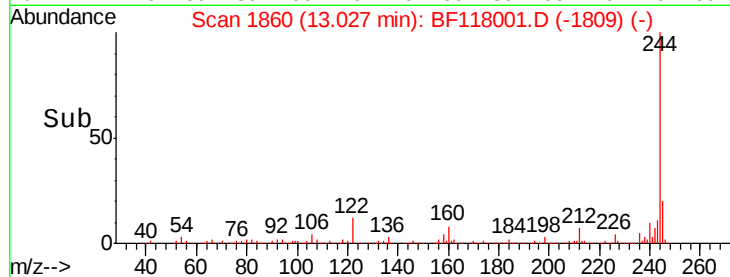
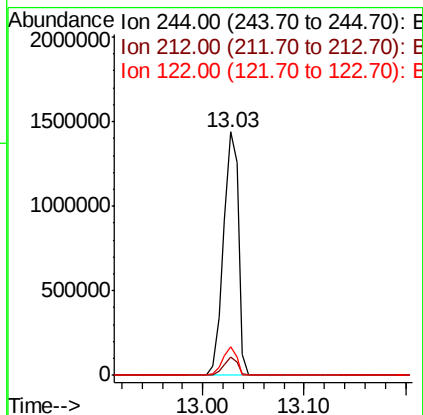
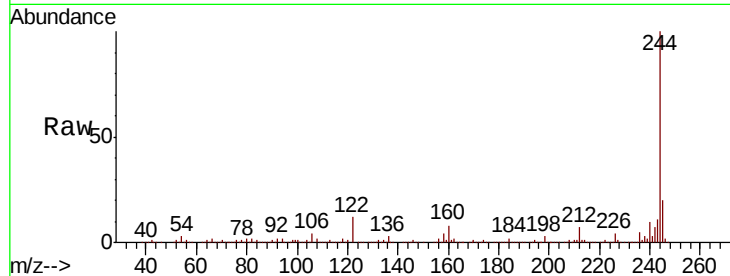




#79
 Terphenyl-d14
 Concen: 62.549 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 12:34

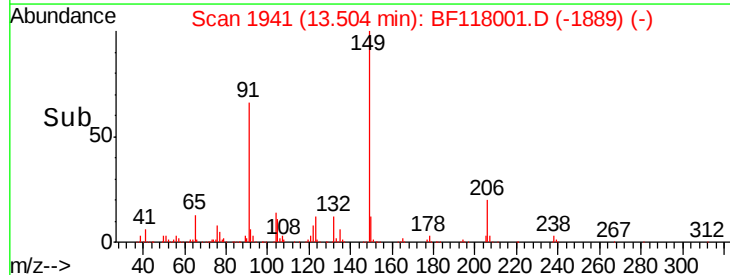
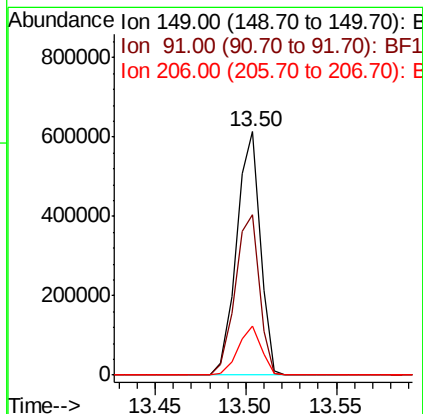
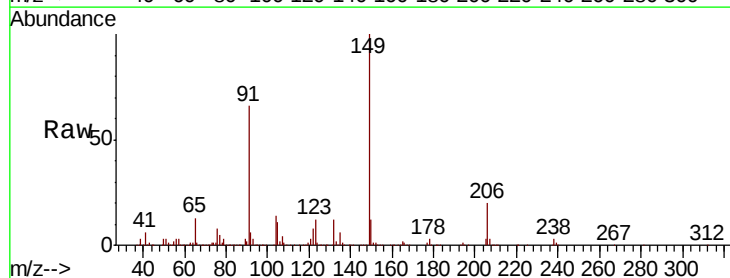
Instrument :
 BNA_F
 ClientSampleId :

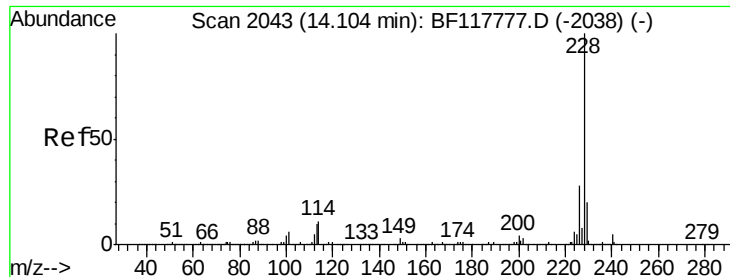
Tot Ion:244 Resp: 1467711
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 11.7 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 37.562 ng
 RT: 13.50 min Scan# 1941
 Delta R.T. 0.01 min
 Lab File: BF118001.D
 Acq: 26 Nov 2019 12:34

Tgt Ion:149 Resp: 559137
 Ion Ratio Lower Upper
 149 100
 91 66.0 51.9 77.9
 206 19.9 17.2 25.8





#81

Benzo(a)anthracene

Concen: 37.905 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampleId :

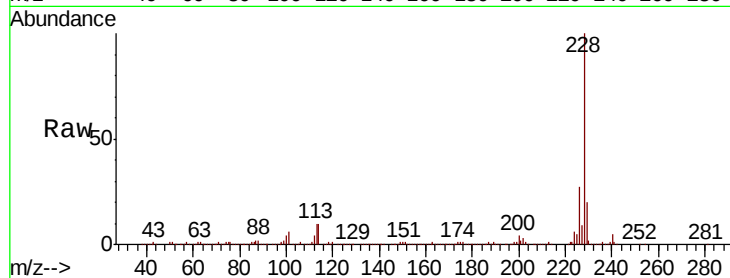
Tot Ion:228 Resp: 1074191

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.2

229 20.4 15.9 23.9

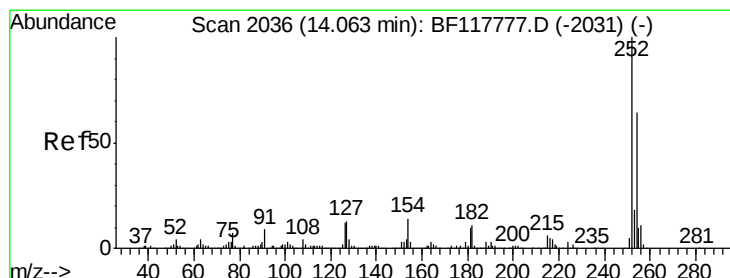
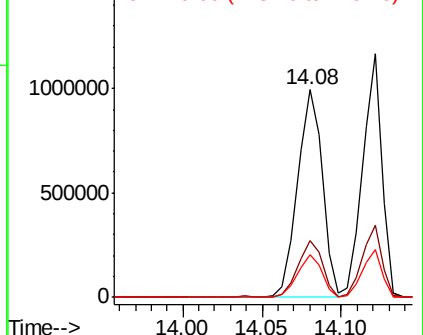
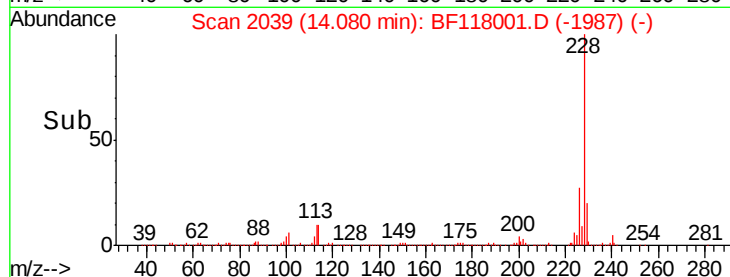


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.177 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

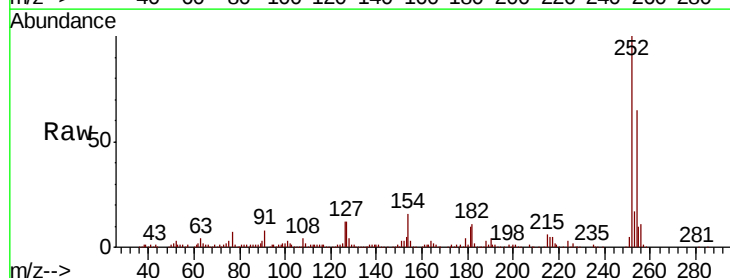
Tgt Ion:252 Resp: 299141

Ion Ratio Lower Upper

252 100

254 64.7 51.0 76.6

126 11.9 9.7 14.5

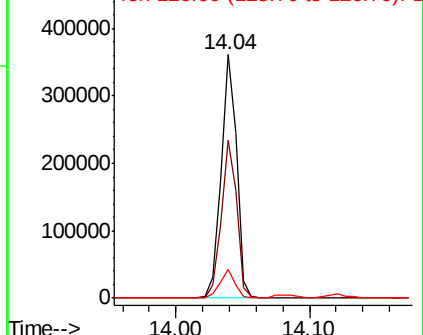
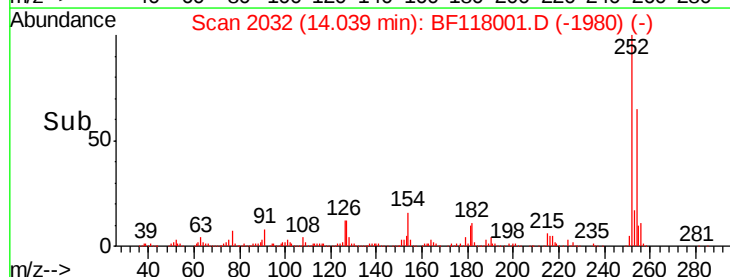


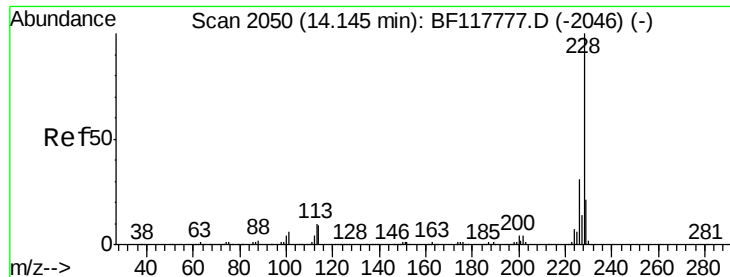
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.194 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampleId :

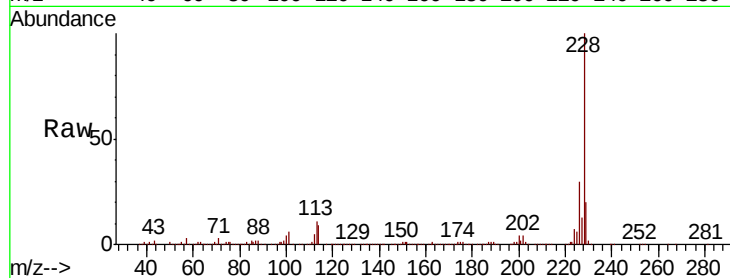
Tot Ion:228 Resp: 993912

Ion Ratio Lower Upper

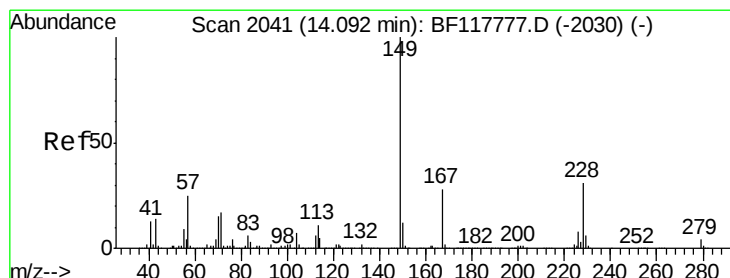
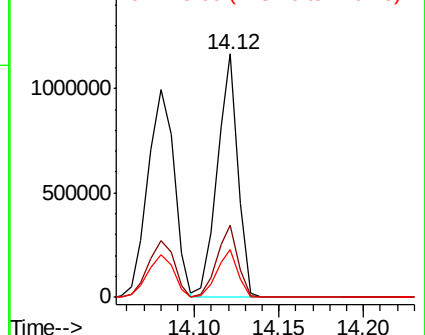
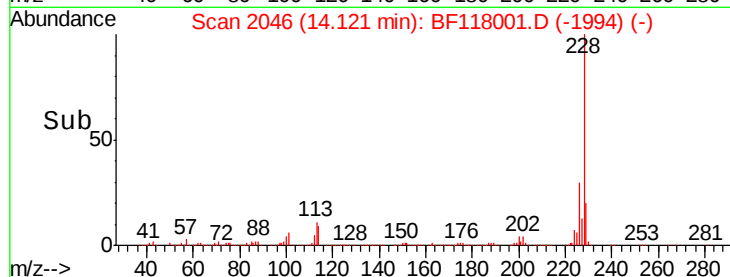
228 100

226 29.8 25.0 37.4

229 19.8 16.6 25.0



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: 41.546 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

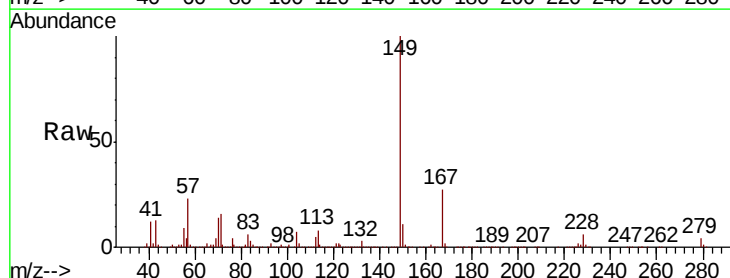
Tgt Ion:149 Resp: 749772

Ion Ratio Lower Upper

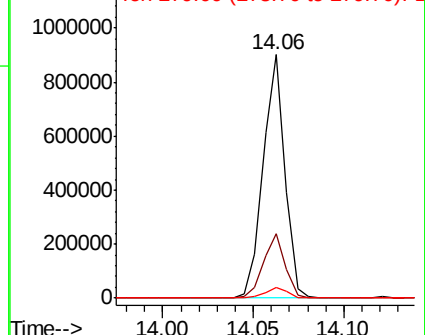
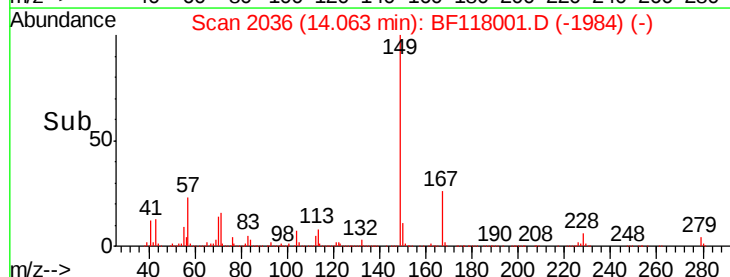
149 100

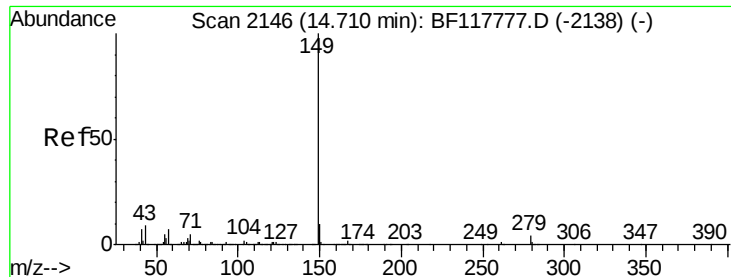
167 26.5 22.2 33.2

279 4.2 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.272 ng

RT: 14.68 min Scan# 2141

Delta R.T. 0.01 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampleId :

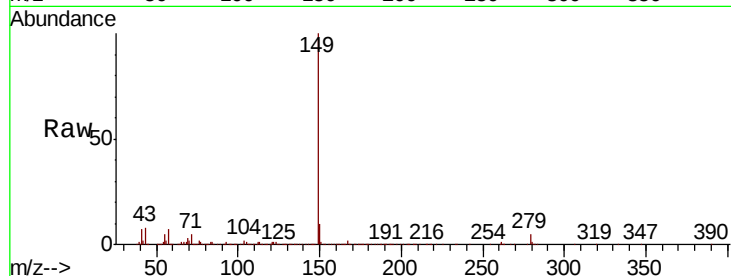
Tot Ion:149 Resp: 1385845

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

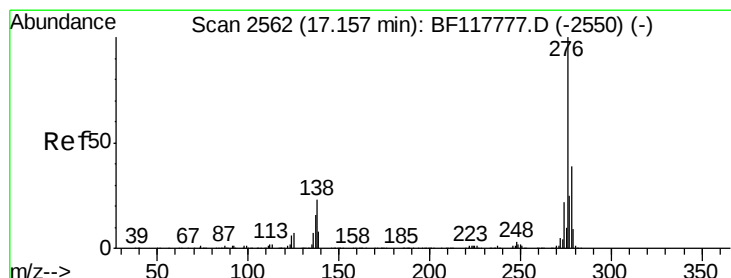
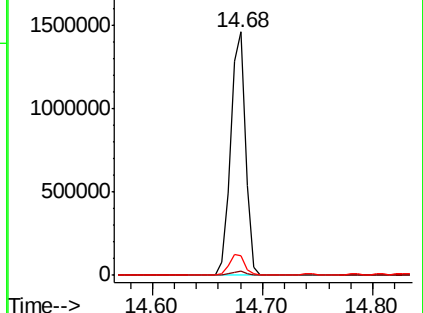
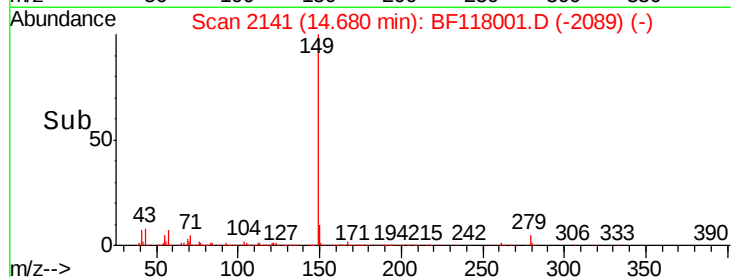
43 8.2 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.730 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.02 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

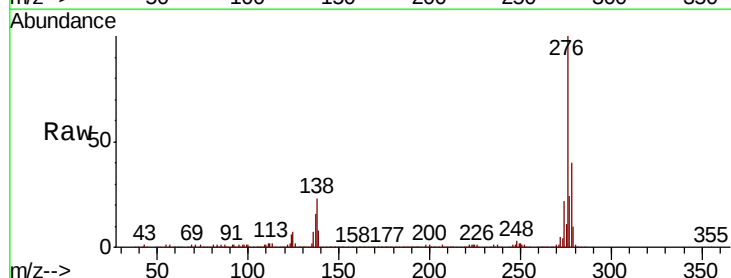
Tgt Ion:276 Resp: 1138891

Ion Ratio Lower Upper

276 100

138 25.3 20.9 31.3

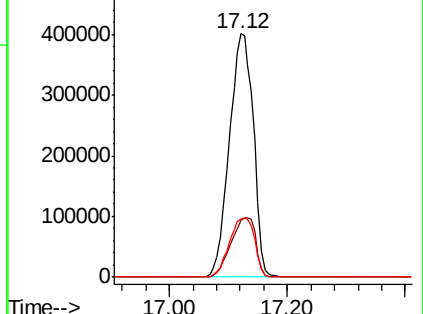
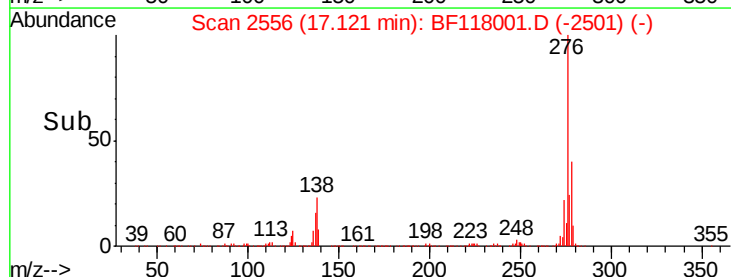
277 25.8 20.3 30.5

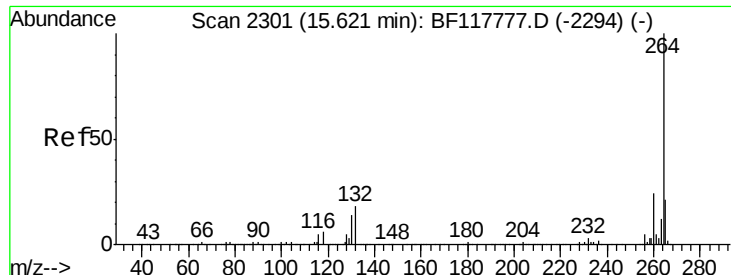


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



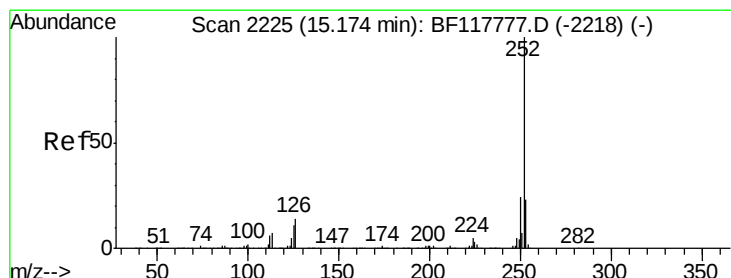
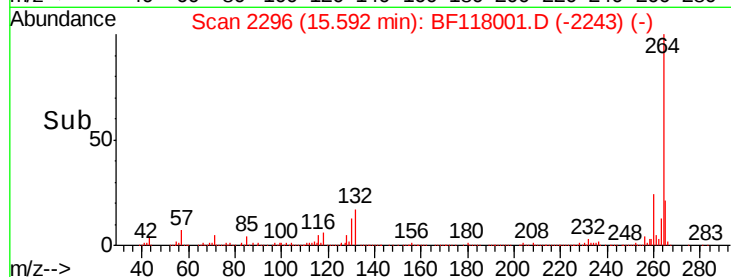
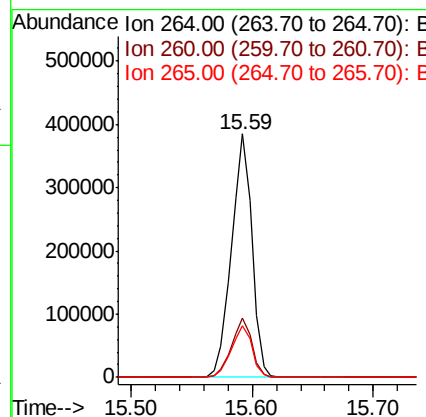
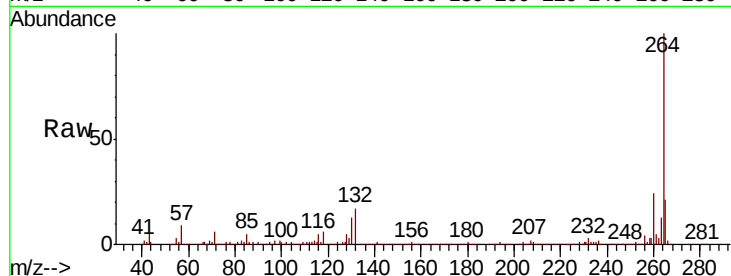


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 453177

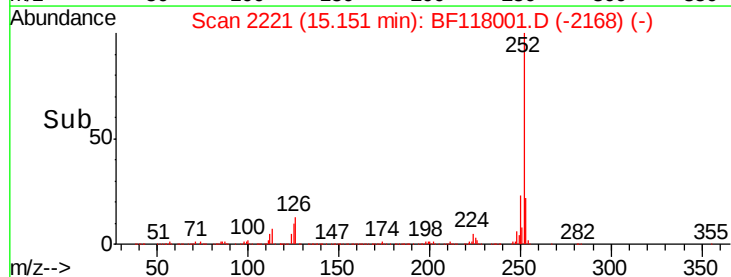
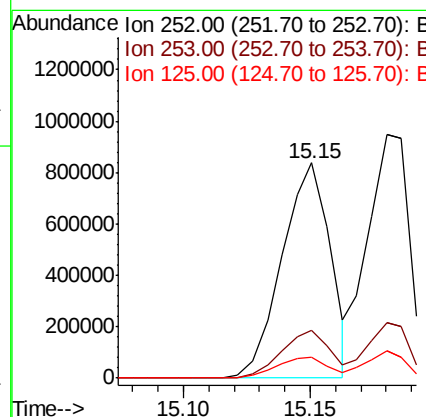
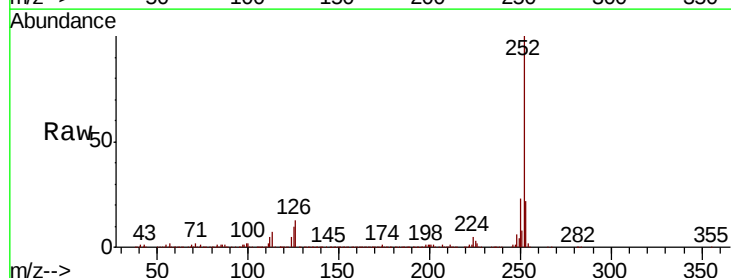
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	21.4	17.1	25.7

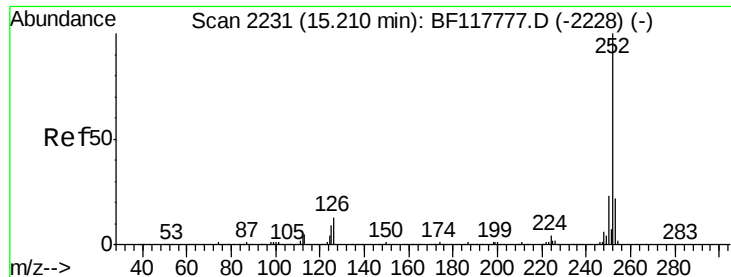


#88
Benzo(b)fluoranthene
Concen: 37.717 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion:252 Resp: 1110518

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.8	8.6	13.0

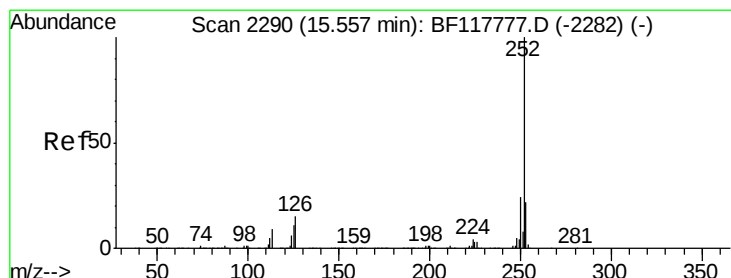
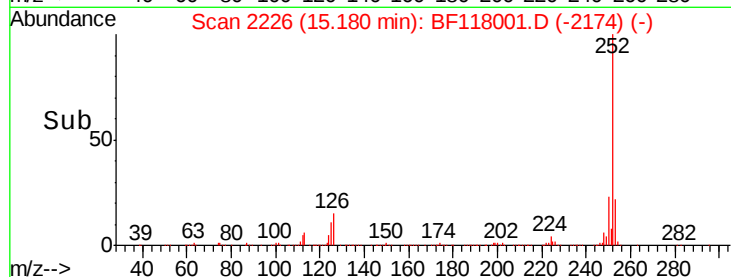
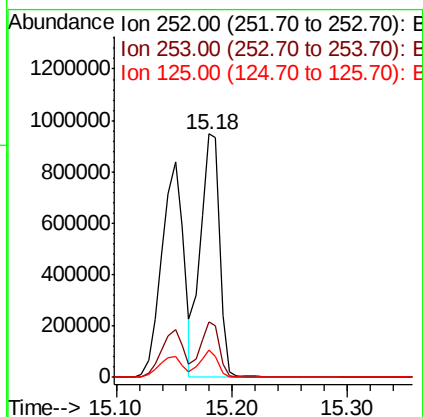
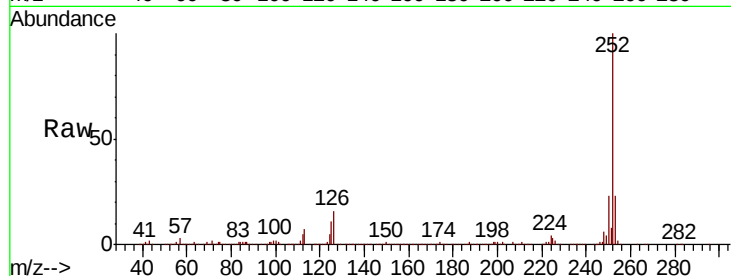




#89
Benzo(k)fluoranthene
Concen: 39.538 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

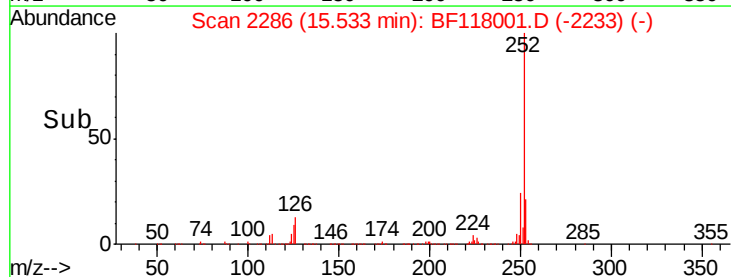
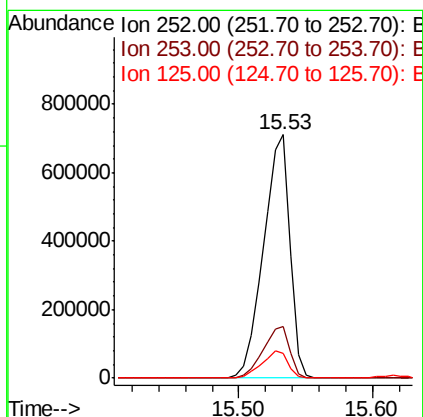
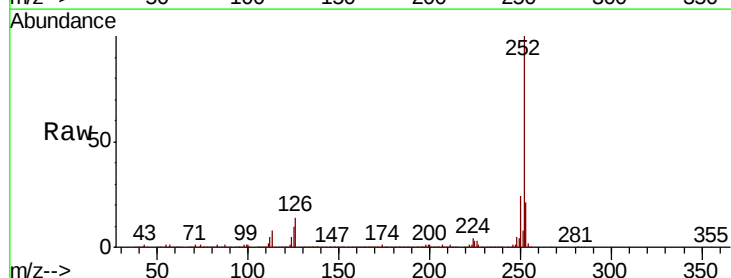
Instrument :
BNA_F
ClientSampleId :

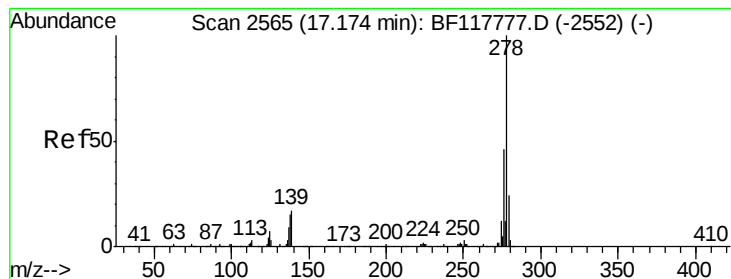
Tot Ion:252 Resp: 1096857
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 11.0 7.9 11.9



#90
Benzo(a)pyrene
Concen: 37.584 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF118001.D
Acq: 26 Nov 2019 12:34

Tgt Ion:252 Resp: 973072
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 10.4 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 42.595 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.02 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

Instrument :

BNA_F

ClientSampleId :

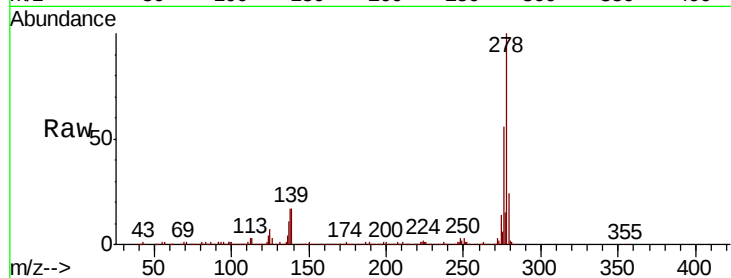
Tot Ion:278 Resp: 949211

Ion Ratio Lower Upper

278 100

139 16.7 13.8 20.8

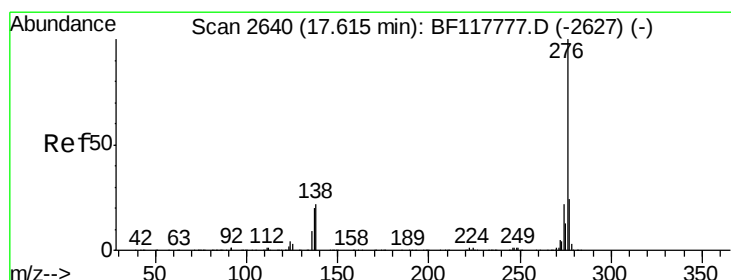
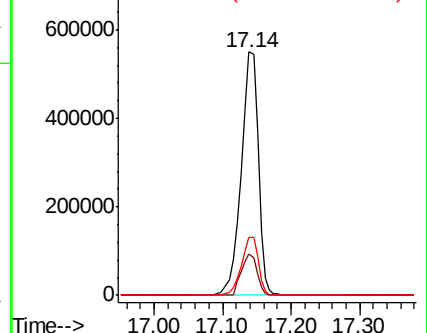
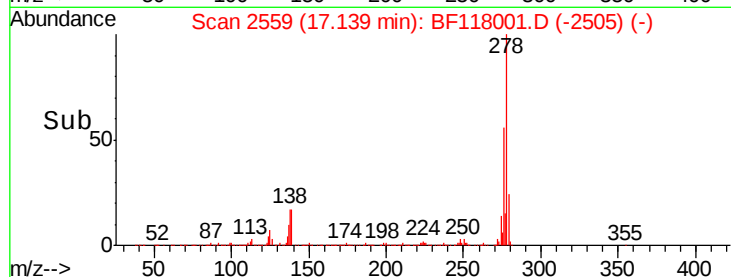
279 23.7 19.6 29.4



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: 41.943 ng

RT: 17.59 min Scan# 2636

Delta R.T. 0.04 min

Lab File: BF118001.D

Acq: 26 Nov 2019 12:34

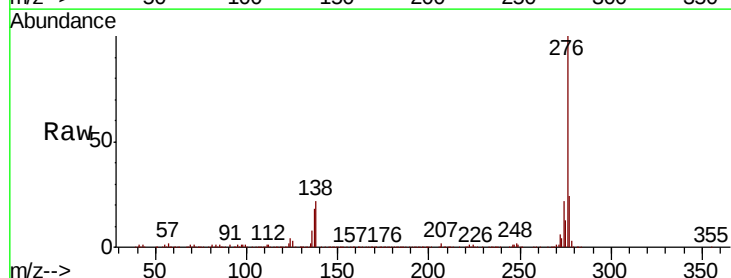
Tgt Ion:276 Resp: 930960

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 21.6 17.4 26.2



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

