

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118500.D
 Acq On : 8 Jan 2020 14:09
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 15:16:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 14:21:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	88792	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	388303	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	206506	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	372850	20.00	ng	0.00
76) Chrysene-d12	14.04	240	227411	20.00	ng	0.00
87) Perylene-d12	15.52	264	208475	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	799756	161.69	ng	0.00
7) Phenol-d6	6.49	99	955411	151.33	ng	0.01
23) Nitrobenzene-d5	7.42	82	979652	136.66	ng	0.01
42) 2,4,6-Tribromophenol	10.69	330	385350	153.23	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2087649	149.24	ng	0.00
79) Terphenyl-d14	12.97	244	2282305	153.73	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.54	88	135093	80.765	ng	99
3) Pyridine	3.30	79	388645	84.520	ng	98
4) n-Nitrosodimethylamine	3.28	42	193621	87.125	ng	95
6) Aniline	6.51	93	588043	75.384	ng	97
8) 2-Chlorophenol	6.63	128	449659	77.989	ng	98
9) Benzaldehyde	6.39	77	195784	56.293	ng	98
10) Phenol	6.50	94	539844	76.713	ng	92
11) bis(2-Chloroethyl)ether	6.57	93	387432	79.514	ng	98
12) 1,3-Dichlorobenzene	6.77	146	522898	76.759	ng	96
13) 1,4-Dichlorobenzene	6.85	146	529070	76.583	ng	97
14) 1,2-Dichlorobenzene	7.01	146	496756	76.618	ng	99
15) Benzyl Alcohol	6.99	79	396191	78.292	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	415763	76.406	ng	99
17) 2-Methylphenol	7.10	107	353363	75.585	ng	# 92
18) Hexachloroethane	7.35	117	199192	78.426	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	313609	79.830	ng	99
20) 3+4-Methylphenols	7.26	107	475589	77.621	ng	95
22) Acetophenone	7.26	105	670817	67.365	ng	# 95
24) Nitrobenzene	7.43	77	480903	67.837	ng	95
25) Isophorone	7.67	82	893874	73.140	ng	99
26) 2-Nitrophenol	7.75	139	284480	75.084	ng	98
27) 2,4-Dimethylphenol	7.79	122	375307	75.657	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	591452	76.494	ng	99
29) 2,4-Dichlorophenol	7.99	162	443552	75.828	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	518082	74.845	ng	99
31) Naphthalene	8.15	128	1542017	75.513	ng	100
32) Benzoic acid	7.96	122	306754	88.739	ng	100
33) 4-Chloroaniline	8.20	127	628281	73.369	ng	99
34) Hexachlorobutadiene	8.26	225	302252	73.195	ng	100
35) Caprolactam	8.61	113	92841	50.277	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	404113	65.651	ng	99
37) 2-Methylnaphthalene	8.84	142	981759	70.328	ng	97
38) 1-Methylnaphthalene	8.94	142	954751	71.460	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	482926	77.302	ng	99

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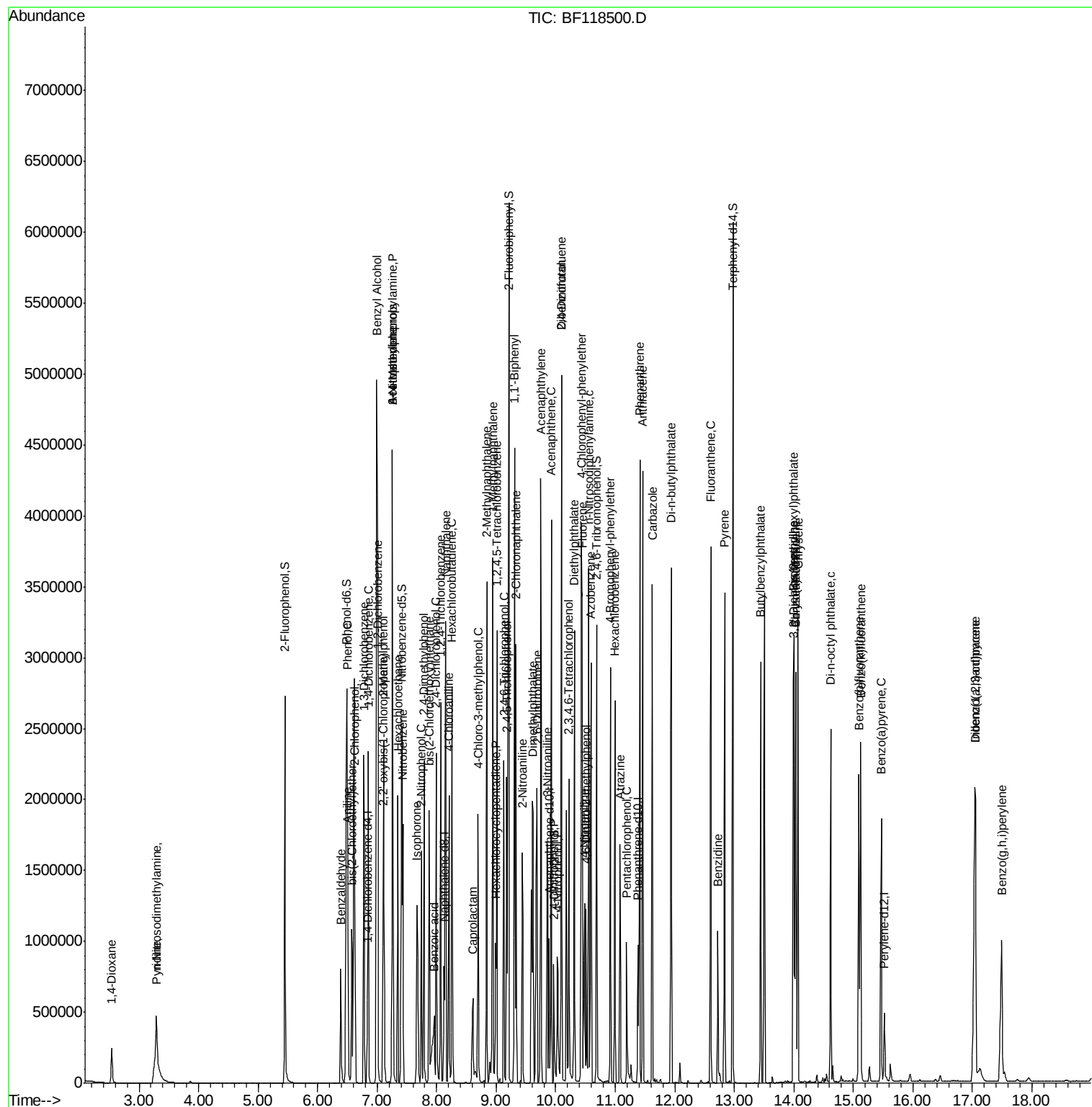
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	144239	127.551	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	313648	78.611	nq	100
44) 2,4,5-Trichlorophenol	9.17	196	319983	78.783	nq	99
46) 1,1'-Biphenyl	9.31	154	1276559	77.225	nq	98
47) 2-Chloronaphthalene	9.34	162	982601	74.167	nq	96
48) 2-Nitroaniline	9.44	65	270464	70.655	nq	95
49) Acenaphthylene	9.75	152	1512536	76.788	nq	99
50) Dimethylphthalate	9.61	163	1204896	75.791	nq	99
51) 2,6-Dinitrotoluene	9.69	165	260871	80.071	nq	86
52) Acenaphthene	9.93	154	924075	74.505	nq	98
53) 3-Nitroaniline	9.86	138	310062	77.756	nq	91
54) 2,4-Dinitrophenol	9.97	184	124158	90.105	nq	97
55) Dibenzofuran	10.10	168	1324115	75.405	nq	99
56) 4-Nitrophenol	10.03	139	169957	88.624	nq	96
57) 2,4-Dinitrotoluene	10.10	165	347427	77.509	nq	98
58) Fluorene	10.45	166	1057844	73.467	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	255856	75.930	nq	99
60) Diethylphthalate	10.32	149	1177148	75.300	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	534455	74.265	nq	92
62) 4-Nitroaniline	10.49	138	286382	70.170	nq	100
63) Azobenzene	10.59	77	1007212	74.919	nq	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	172628	80.901	nq	87
66) n-Nitrosodiphenylamine	10.56	169	938377	73.500	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	345936	73.180	nq	98
68) Hexachlorobenzene	11.00	284	407800	72.507	nq	96
69) Atrazine	11.08	200	207714	52.907	nq	98
70) Pentachlorophenol	11.19	266	141227	80.805	nq	99
71) Phenanthrene	11.41	178	1579321	76.757	nq	99
72) Anthracene	11.46	178	1555823	74.701	nq	100
73) Carbazole	11.62	167	1355885	71.000	nq	99
74) Di-n-butylphthalate	11.94	149	1765728	70.501	nq	100
75) Fluoranthene	12.60	202	1590878	73.385	nq	99
77) Benzidine	12.73	184	442849	68.895	nq	96
78) Pyrene	12.84	202	1529131	77.856	nq	100
80) Butylbenzylphthalate	13.45	149	685905	79.268	nq	96
81) Benzo(a)anthracene	14.03	228	1244237	76.900	nq	98
82) 3,3'-Dichlorobenzidine	13.99	252	410539	79.979	nq	99
83) Chrysene	14.07	228	1198488	77.265	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	936252	86.476	nq	98
85) Di-n-octyl phthalate	14.62	149	1311508	78.719	nq	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	1162679	104.917	nq	99
88) Benzo(b)fluoranthene	15.09	252	1062166	73.246	nq	99
89) Benzo(k)fluoranthene	15.12	252	1074375	75.279	nq	98
90) Benzo(a)pyrene	15.47	252	985290	74.521	nq	98
91) Dibenzo(a,h)anthracene	17.04	278	950035	92.142	nq	98
92) Benzo(g,h,i)perylene	17.49	276	916912	85.729	nq	98

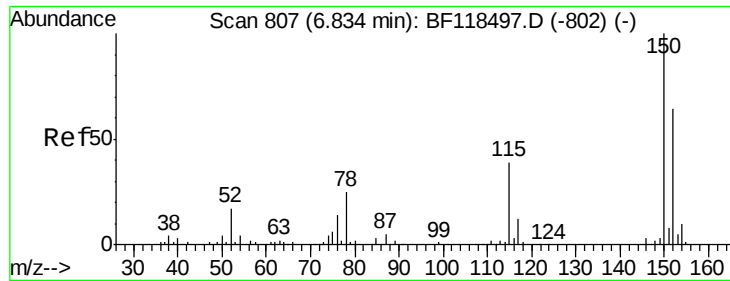
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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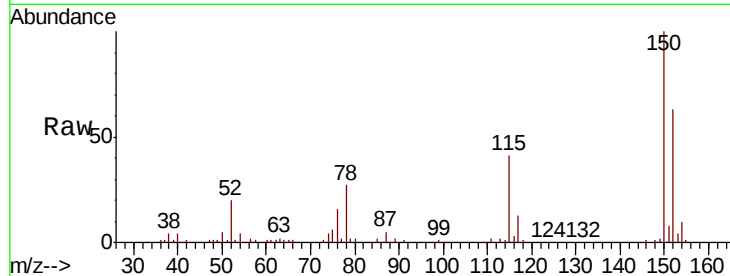


#1

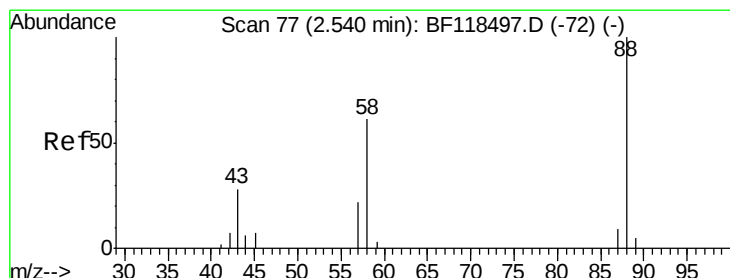
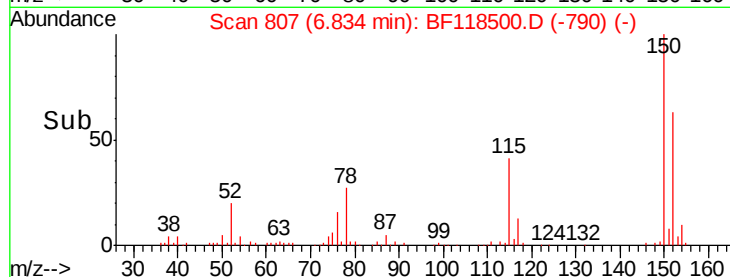
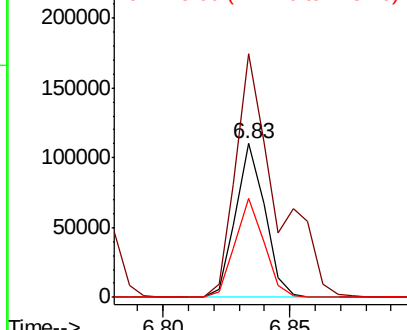
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88792
Ion Ratio Lower Upper
152 100
150 158.2 124.7 187.1
115 64.4 49.0 73.6



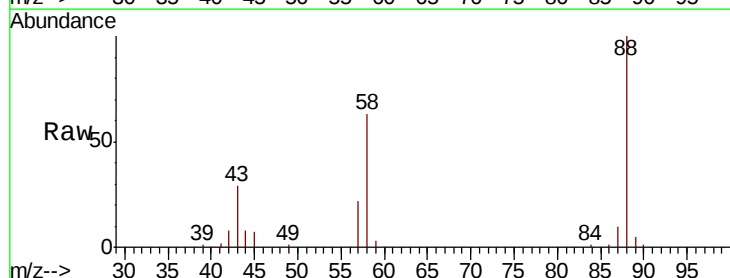
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



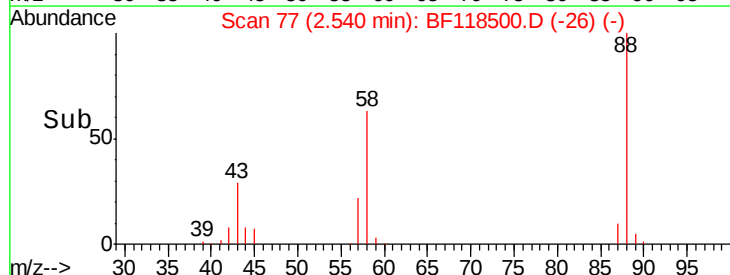
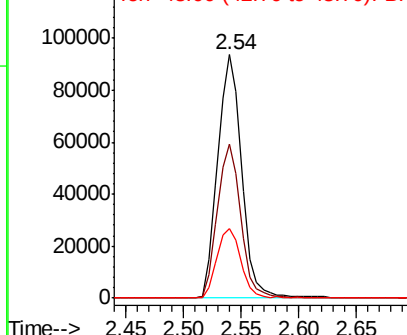
#2

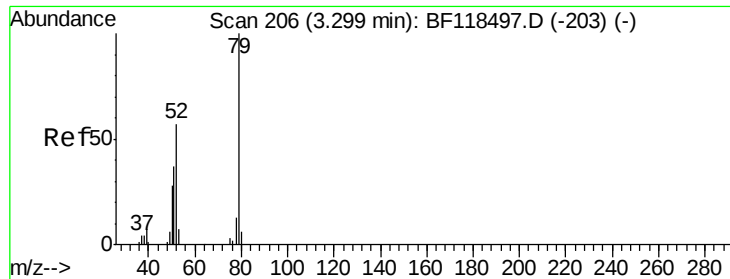
1,4-Dioxane
Concen: 80.765 ng
RT: 2.54 min Scan# 77
Delta R.T. -0.00 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion: 88 Resp: 135093
Ion Ratio Lower Upper
88 100
58 61.3 48.3 72.5
43 28.9 23.4 35.0



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: 84.520 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.00 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampleId :

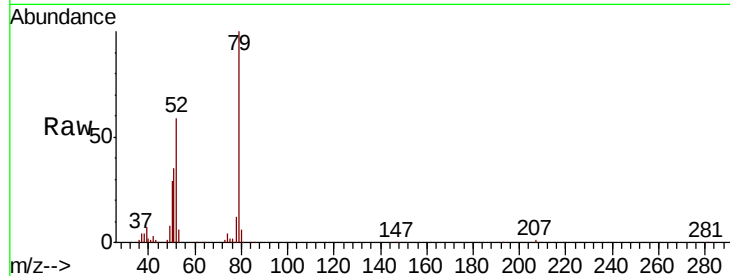
Tot Ion: 79 Resp: 388645

Ion Ratio Lower Upper

79 100

52 58.5 45.9 68.9

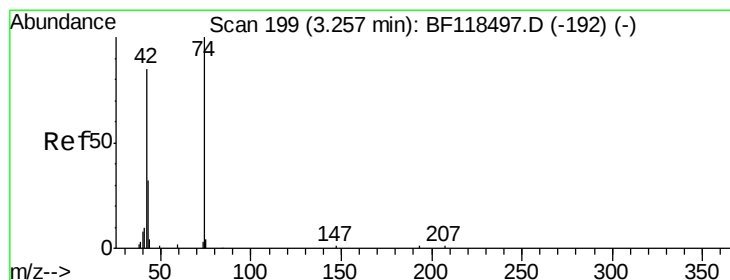
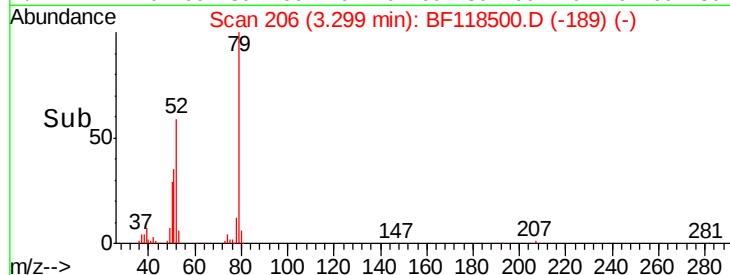
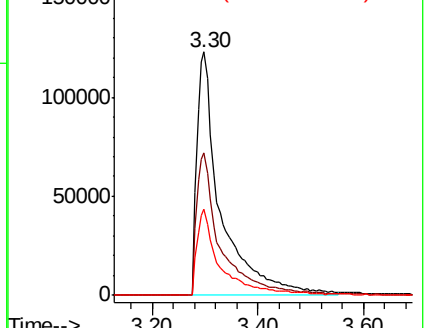
51 35.2 29.8 44.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 87.125 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.02 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

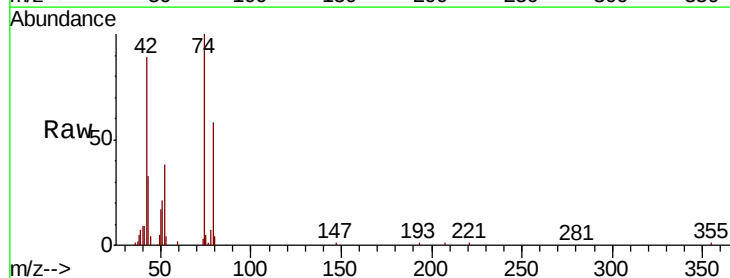
Tgt Ion: 42 Resp: 193621

Ion Ratio Lower Upper

42 100

74 111.9 94.1 141.1

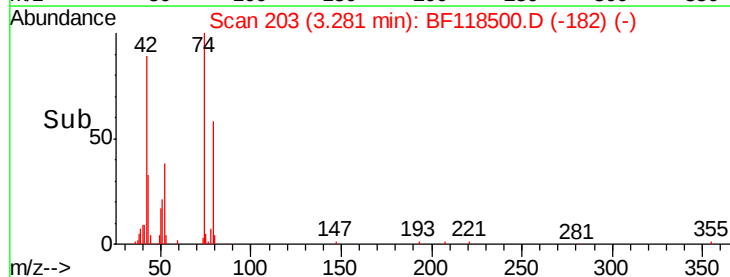
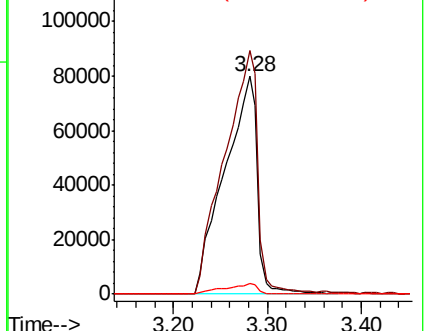
44 4.8 4.1 6.1

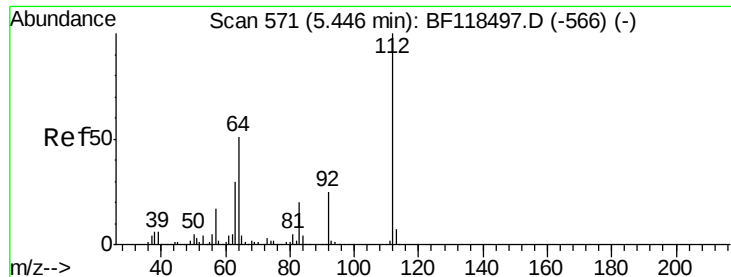


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 161.686 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampled :

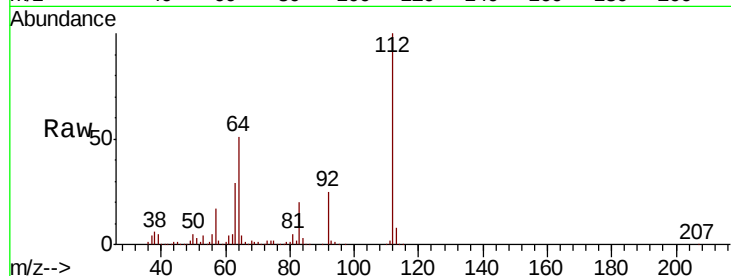
Tot Ion:112 Resp: 799756

Ion Ratio Lower Upper

112 100

64 51.4 41.1 61.7

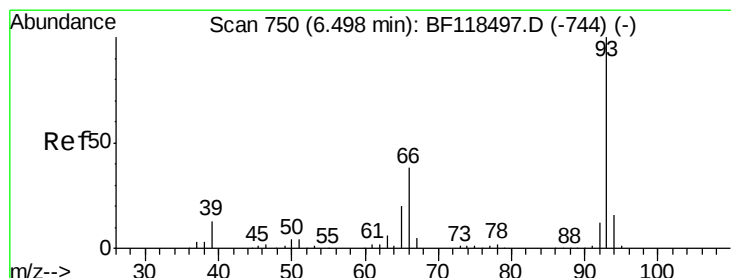
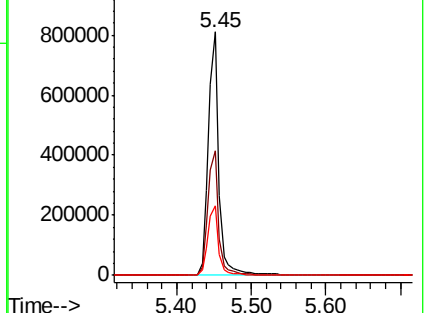
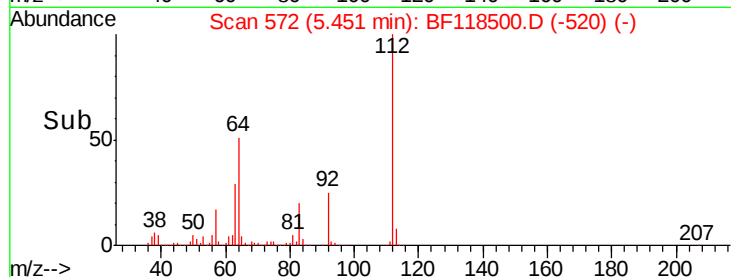
63 28.6 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 75.384 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

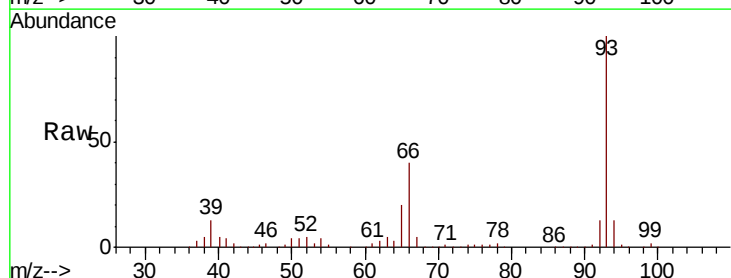
Tgt Ion: 93 Resp: 588043

Ion Ratio Lower Upper

93 100

66 39.5 33.4 50.0

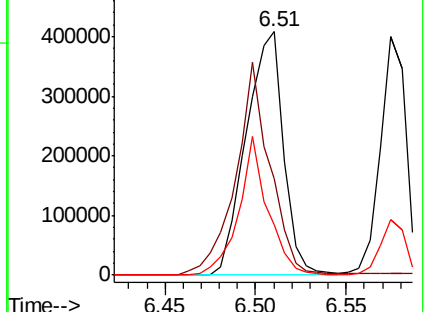
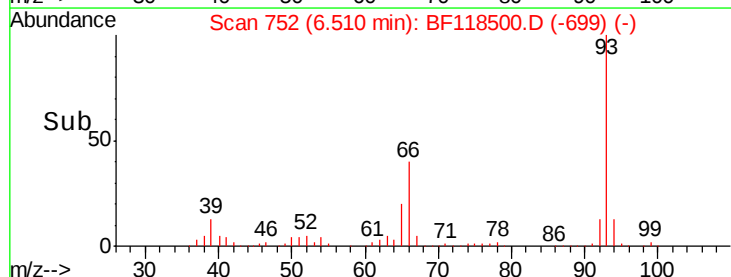
65 20.5 16.7 25.1

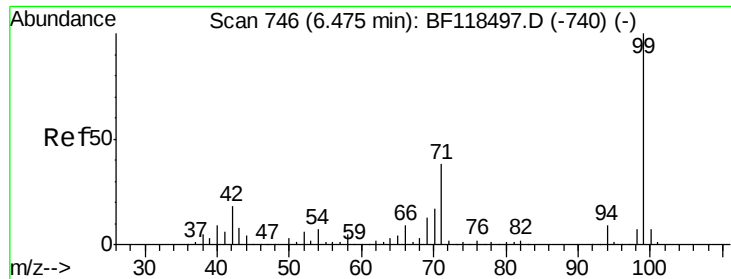


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 151.329 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF118500.D

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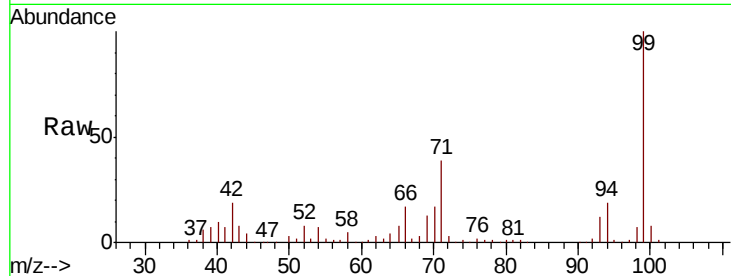
Tot Ion: 99 Resp: 955411

Ion Ratio Lower Upper

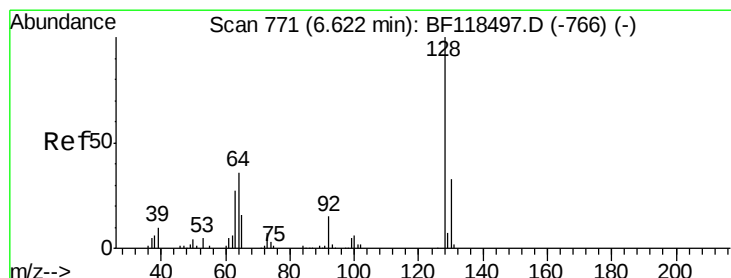
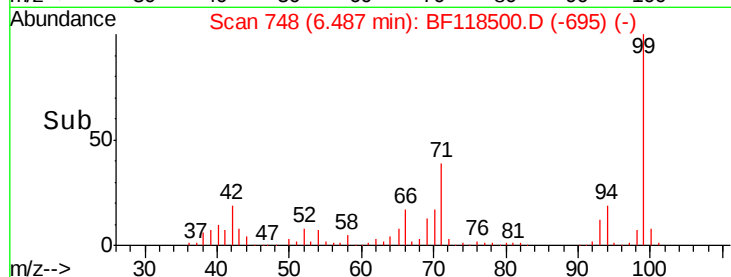
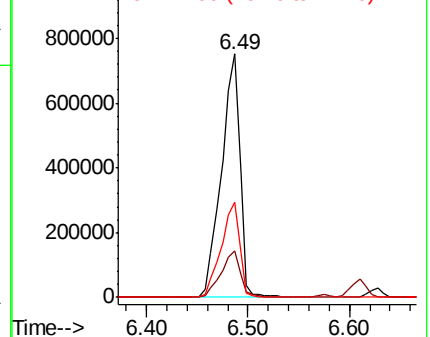
99 100

42 19.0 14.5 21.7

71 39.3 30.6 45.8



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



#8

2-Chlorophenol

Concen: 77.989 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

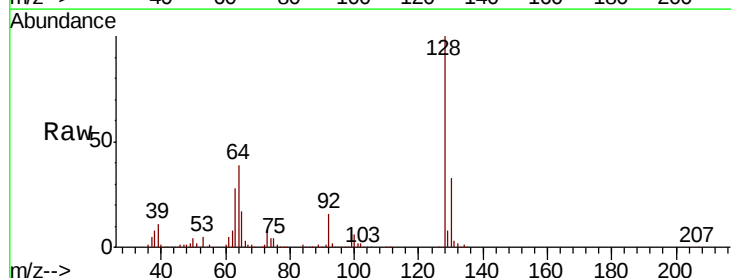
Tgt Ion:128 Resp: 449659

Ion Ratio Lower Upper

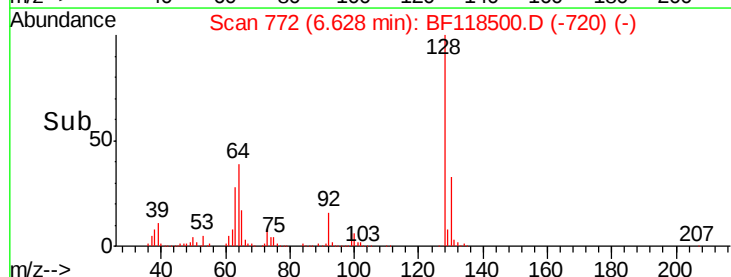
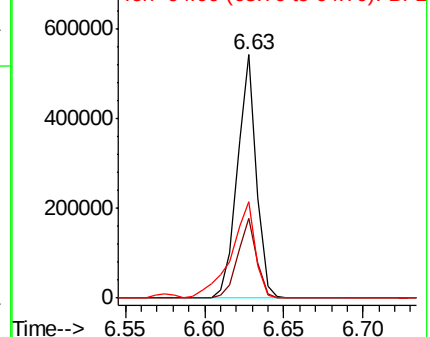
128 100

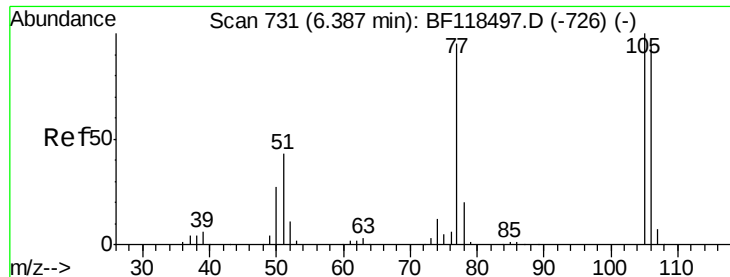
130 32.5 12.7 52.7

64 39.5 17.8 57.8



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: 56.293 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

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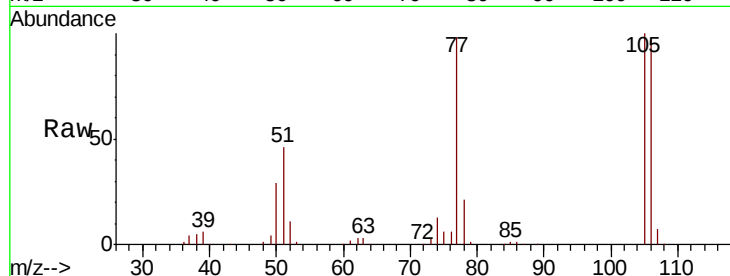
Tot Ion: 77 Resp: 195784

Ion Ratio Lower Upper

77 100

105 102.4 85.4 125.4

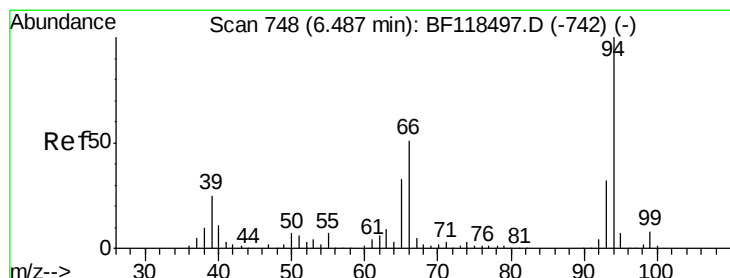
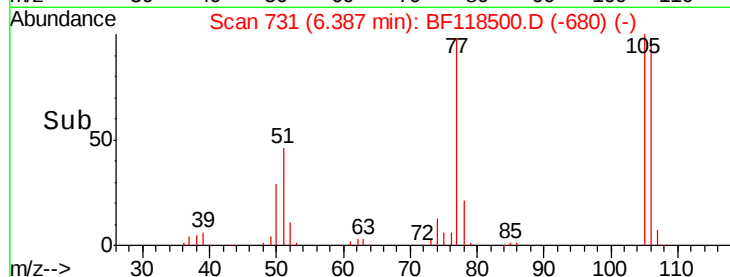
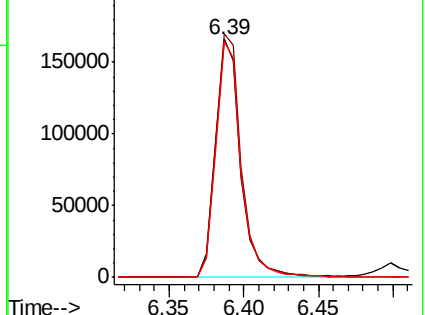
106 99.1 79.5 119.5



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: 76.713 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

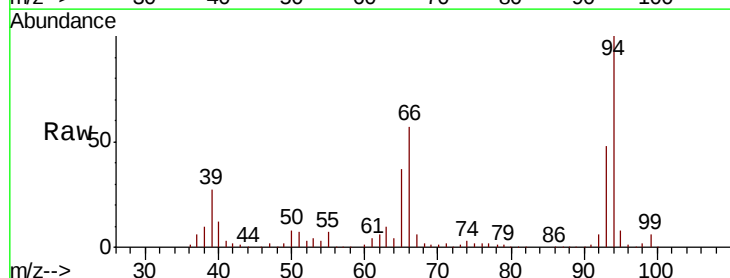
Tgt Ion: 94 Resp: 539844

Ion Ratio Lower Upper

94 100

65 37.1 13.3 53.3

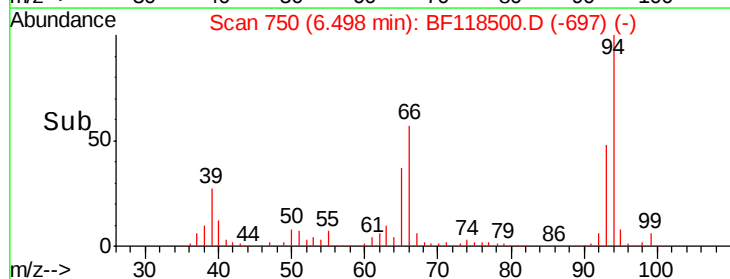
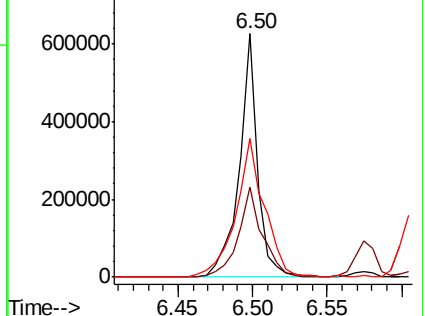
66 57.1 30.9 70.9

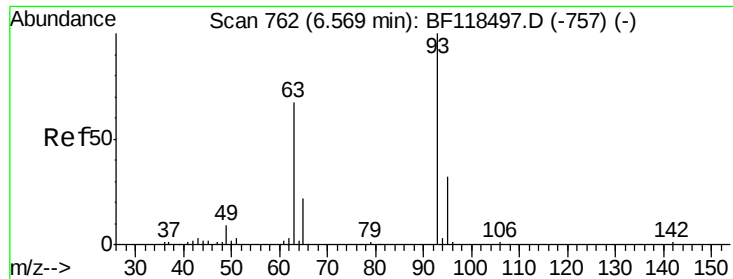


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



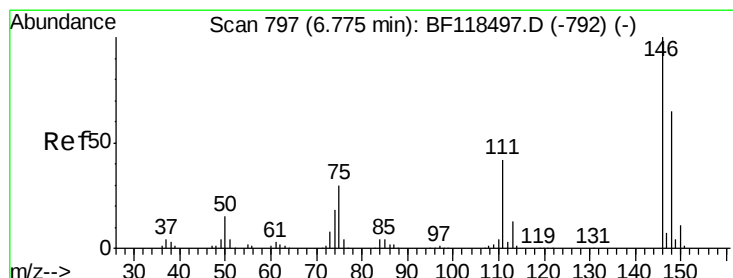
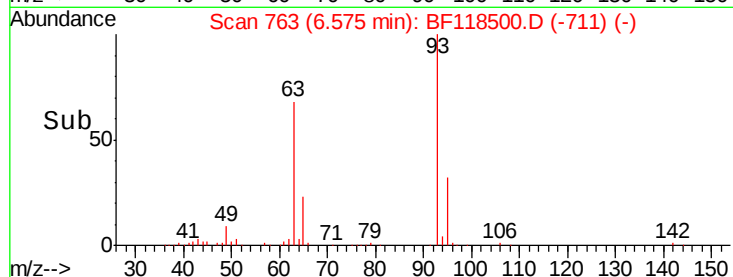
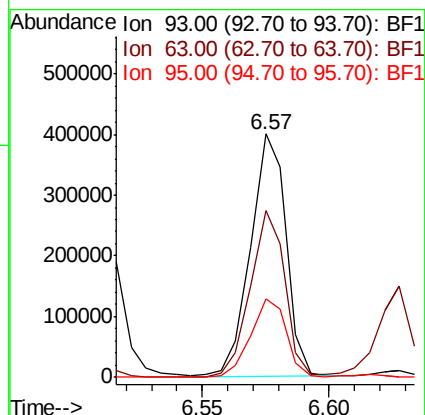
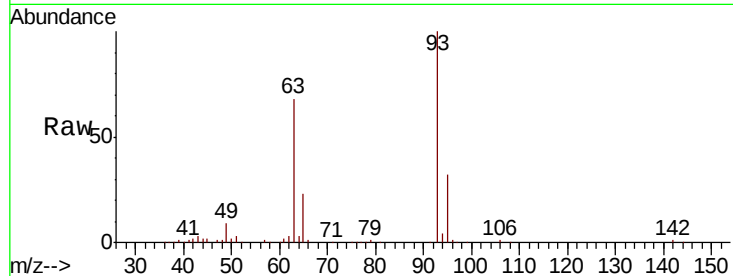


#11

bis(2-Chloroethyl)ether
Concen: 79.514 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :

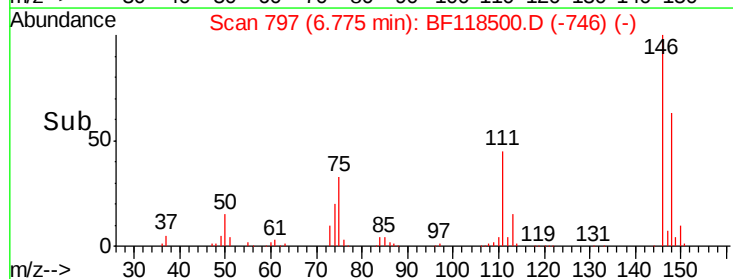
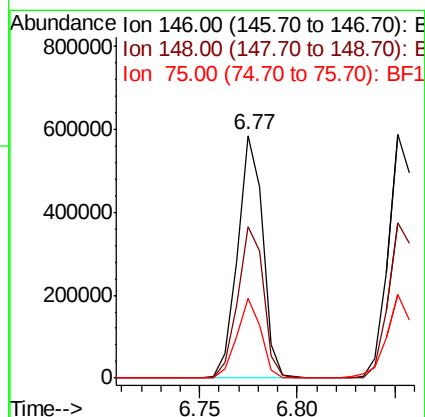
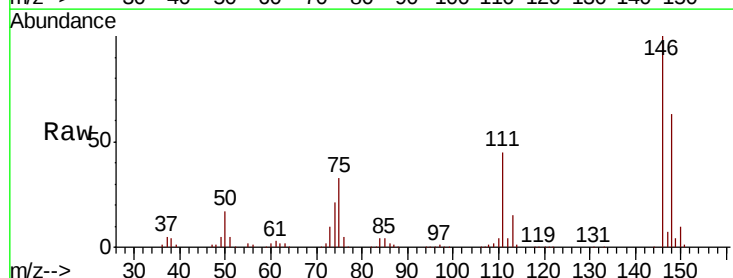
Tot Ion	93	Resp	387432
Ion	Ratio	Lower	Upper
93	100		
63	68.3	46.6	86.6
95	32.2	11.5	51.5

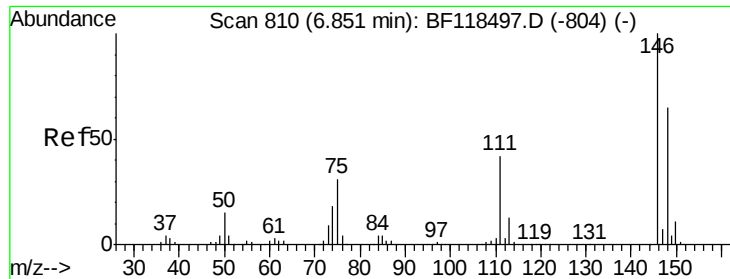


#12

1,3-Dichlorobenzene
Concen: 76.759 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	146	Resp	522898
Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.4	78.6
75	32.7	24.1	36.1

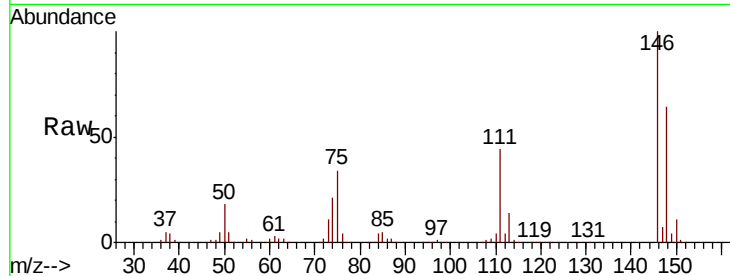




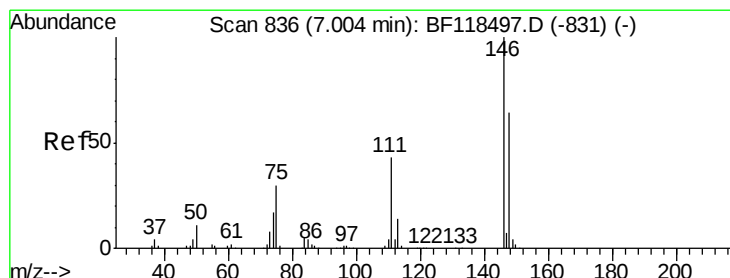
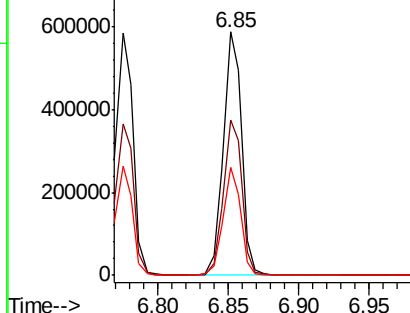
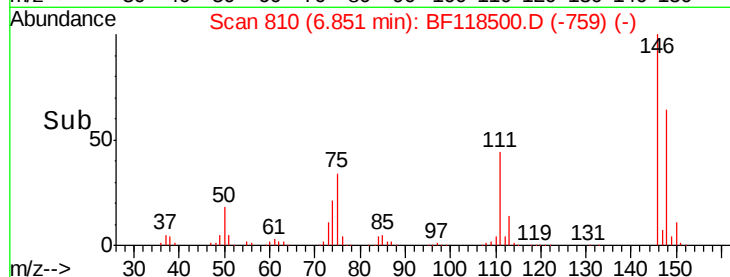
#13
 1,4-Dichlorobenzene
 Concen: 76.583 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 529070
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.2
 111 44.1 33.2 49.8

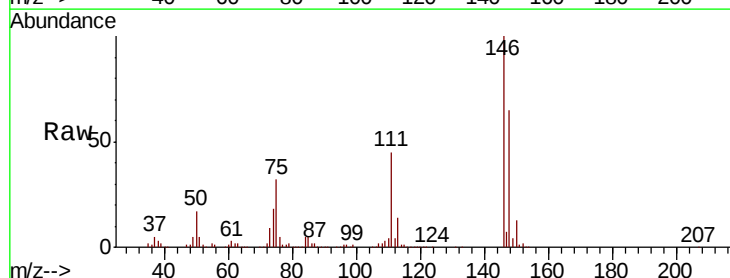


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

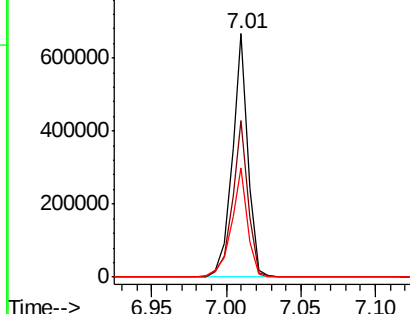
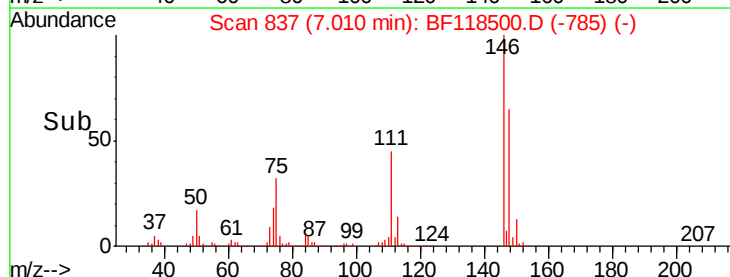


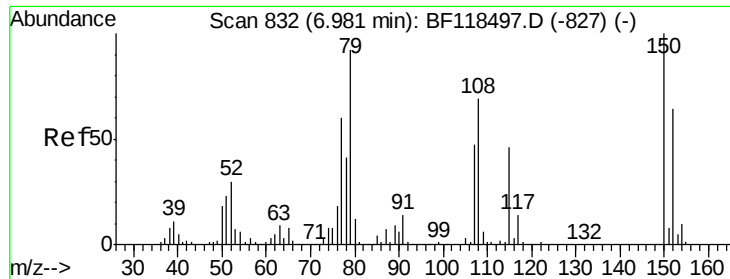
#14
 1,2-Dichlorobenzene
 Concen: 76.618 ng
 RT: 7.01 min Scan# 837
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Tgt Ion:146 Resp: 496756
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.3 76.9
 111 44.9 34.7 52.1



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

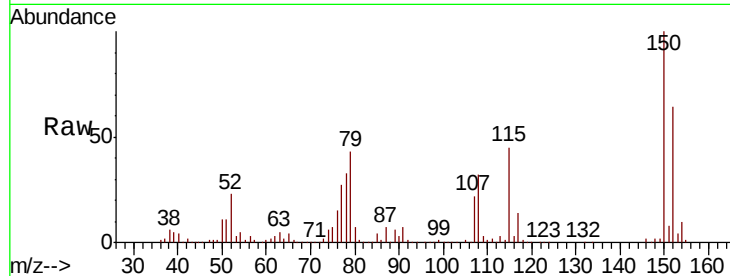




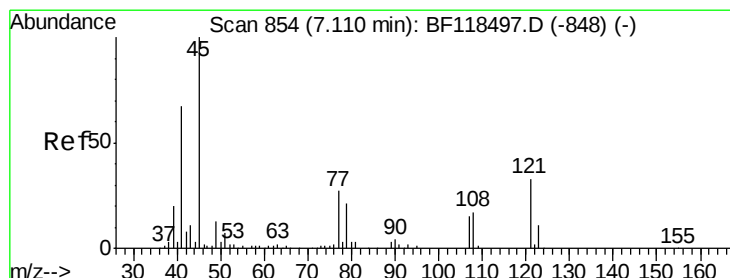
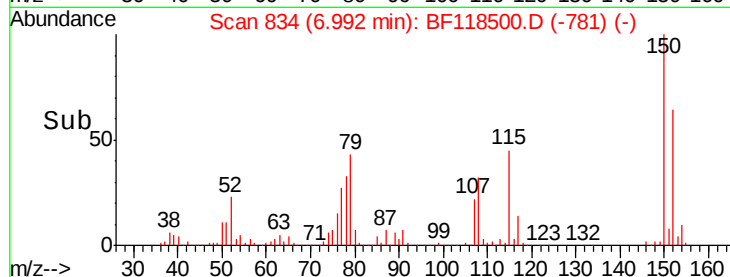
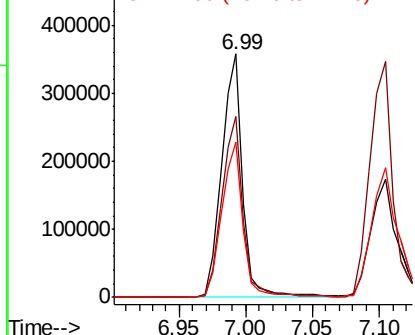
#15
Benzyl Alcohol
Concen: 78.292 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 79 Resp: 396191
Ion Ratio Lower Upper
79 100
108 74.5 60.2 90.2
77 64.0 51.8 77.8

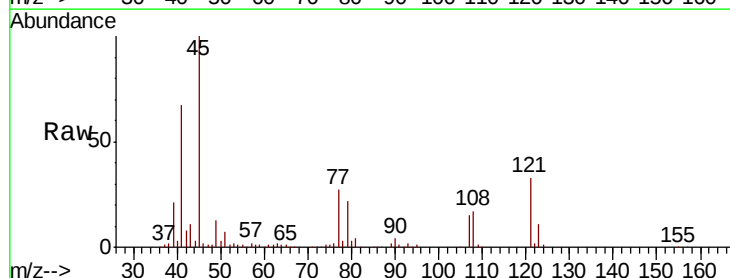


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

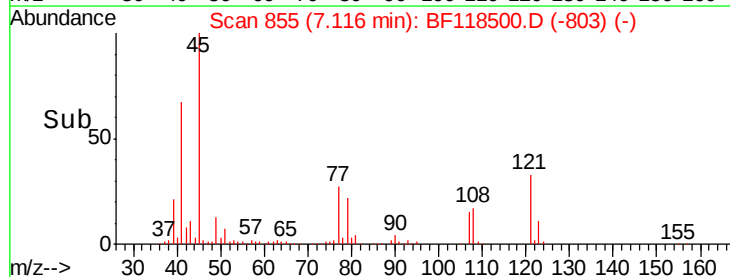
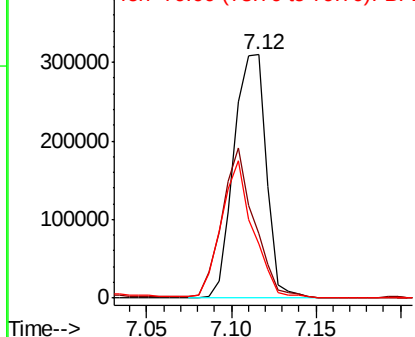


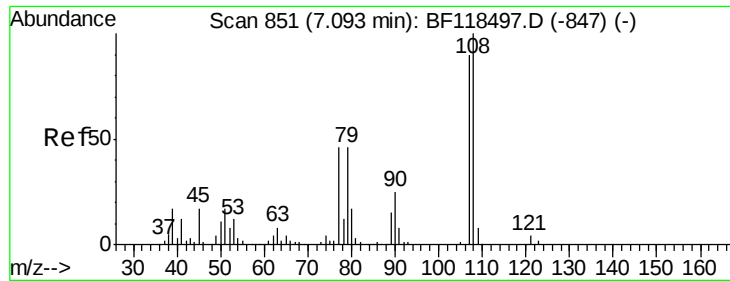
#16
2,2'-oxybis(1-Chloropropane)
Concen: 76.406 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion: 45 Resp: 415763
Ion Ratio Lower Upper
45 100
77 26.7 7.6 47.6
79 22.3 2.0 42.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

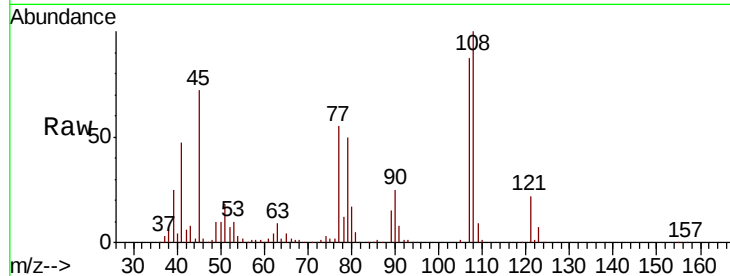




#17
2-Methylphenol
Concen: 75.585 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	88.9	133.3
77	63.2	41.2	61.8
79	57.6	41.6	62.4



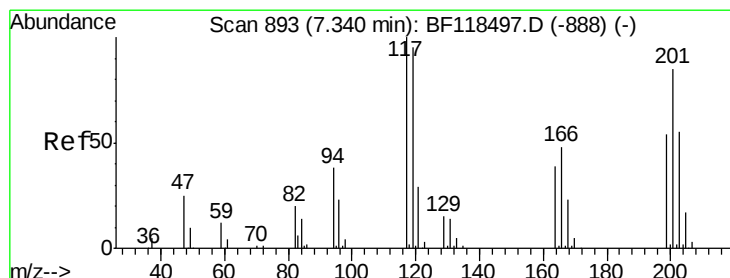
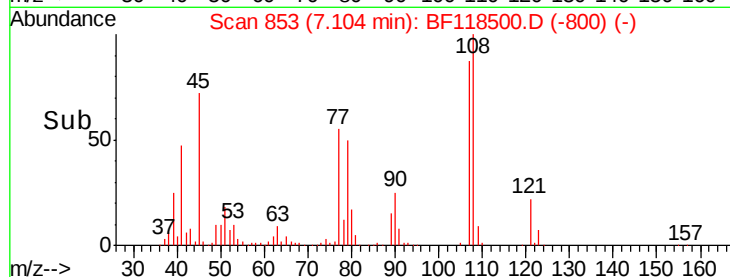
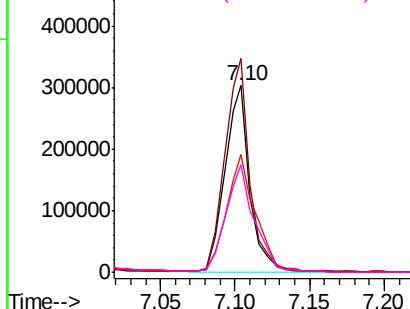
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

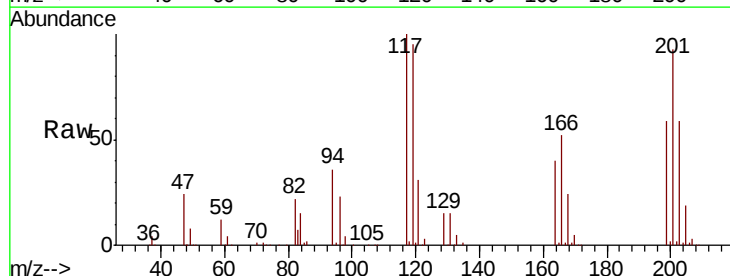
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 78.426 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.2	114.4
201	93.2	67.7	101.5

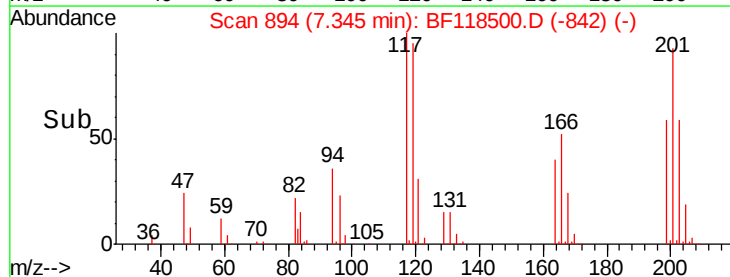
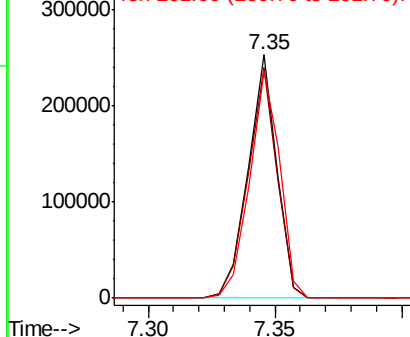


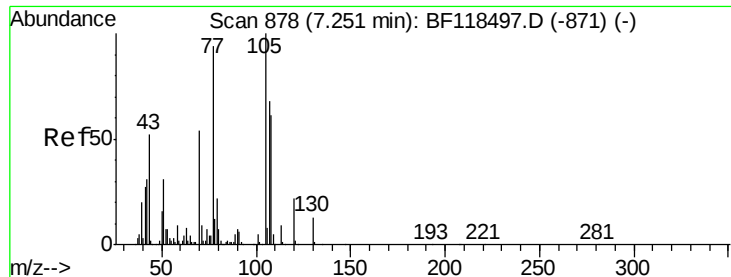
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

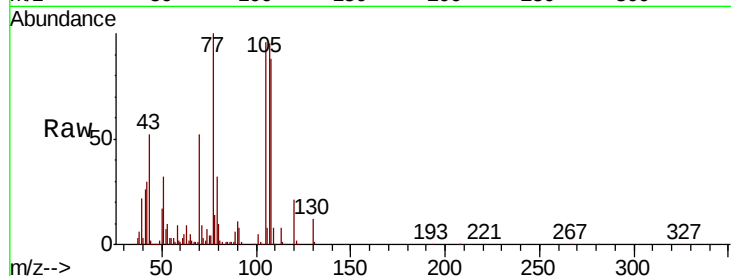




#19
n-Nitroso-di-n-propylamine
Concen: 79.830 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.9	45.6	68.4
101	10.2	8.2	12.2
130	23.0	19.2	28.8



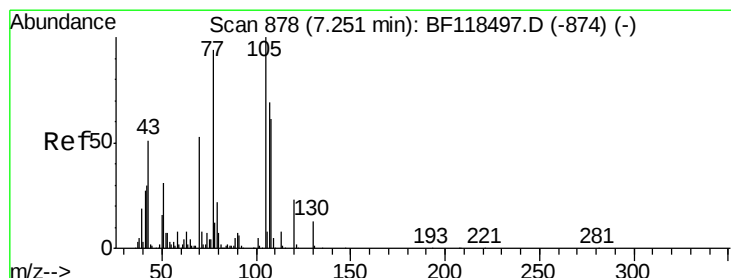
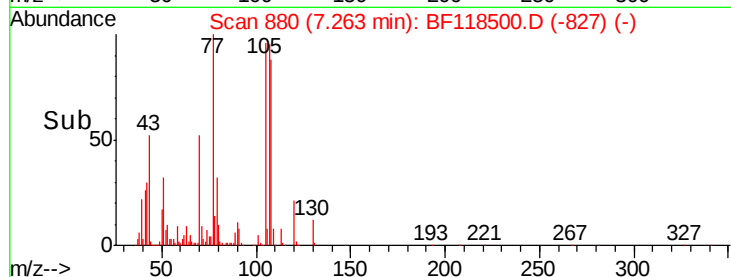
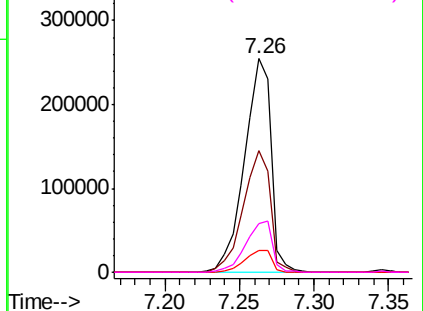
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 77.621 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.9	108.9
77	127.9	116.8	156.8
79	29.8	11.7	51.7

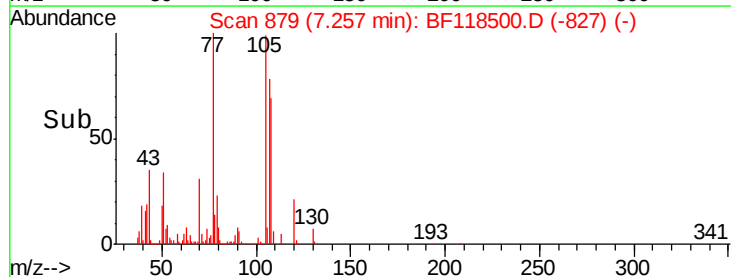
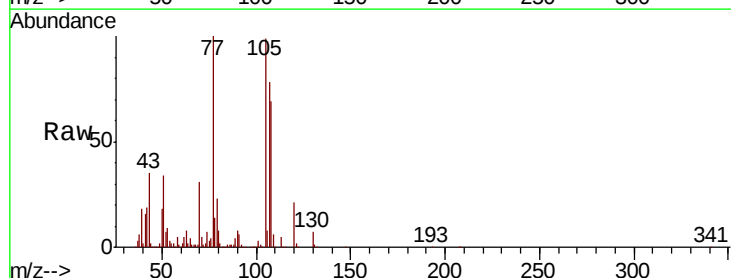
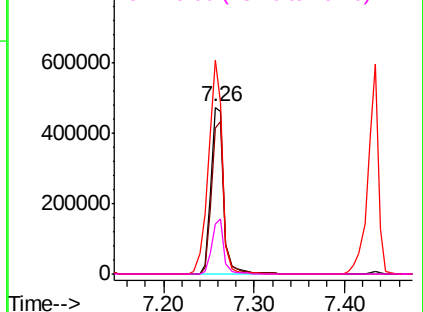
Abundance

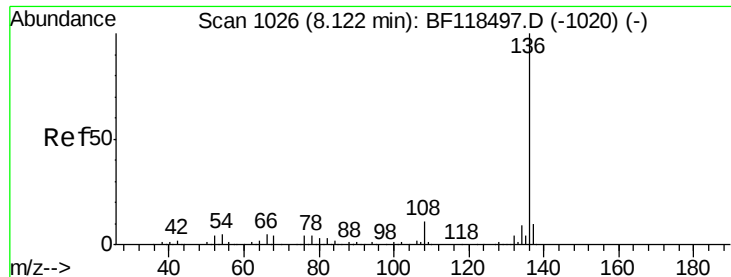
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 388303

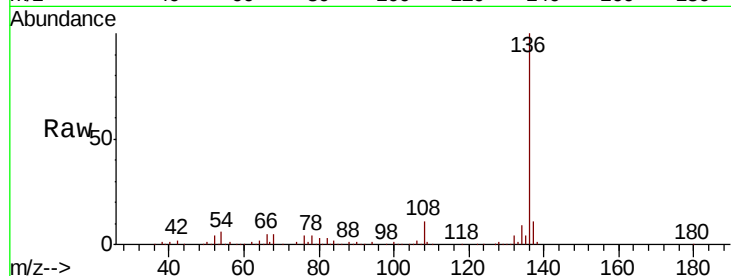
Ion Ratio Lower Upper

136 100

137 11.2 8.3 12.5

54 5.7 4.2 6.2

68 4.7 3.3 4.9

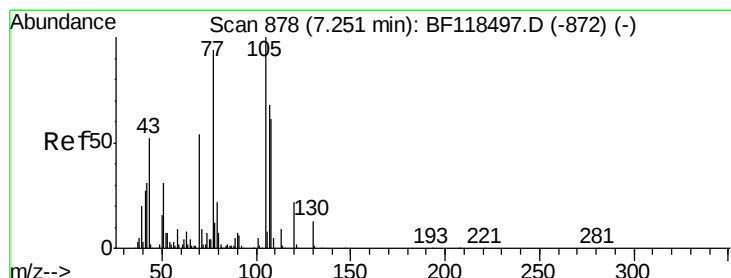
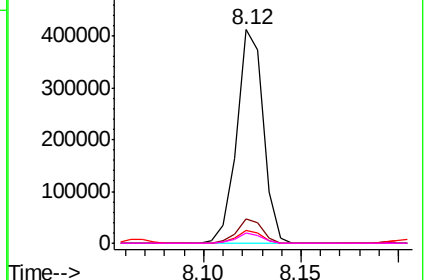
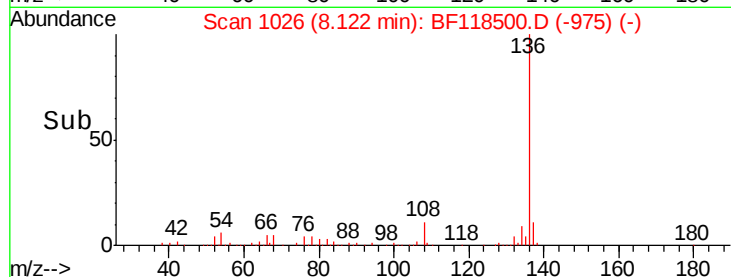


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 67.365 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Tgt Ion:105 Resp: 670817

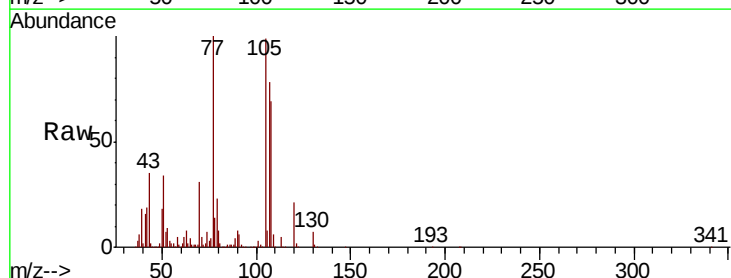
Ion Ratio Lower Upper

105 100

71 5.3 6.9 10.3#

51 34.8 25.0 37.4

120 21.5 18.0 27.0

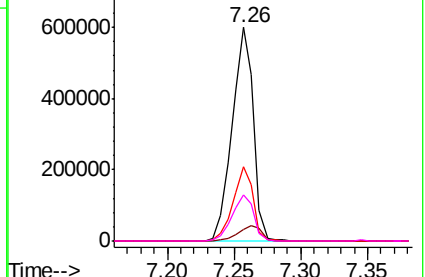
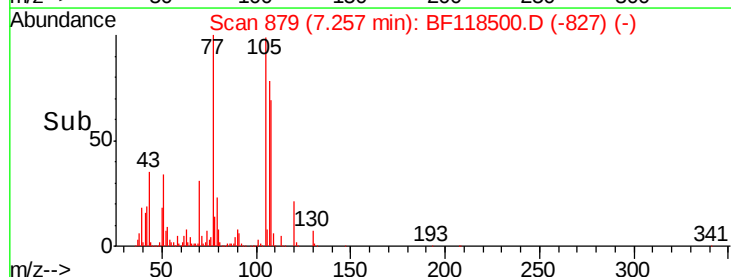


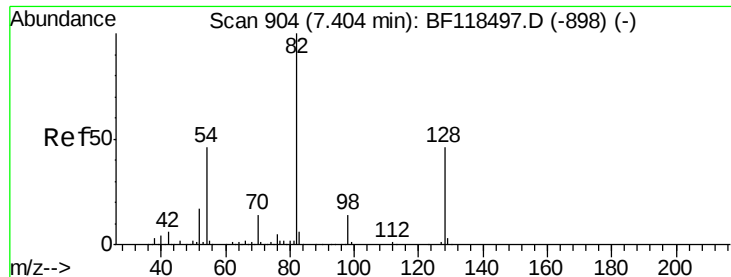
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

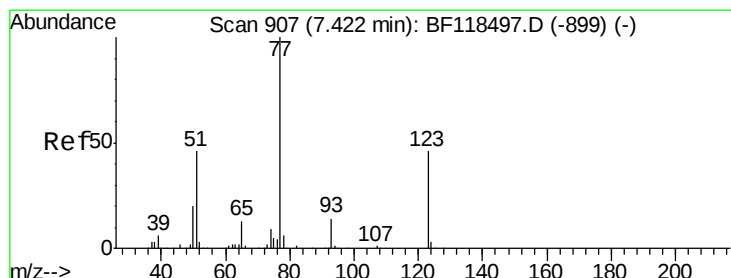
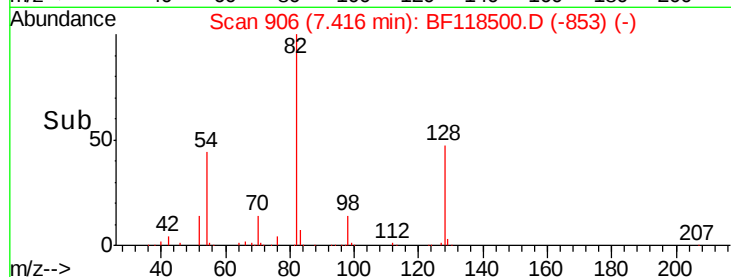
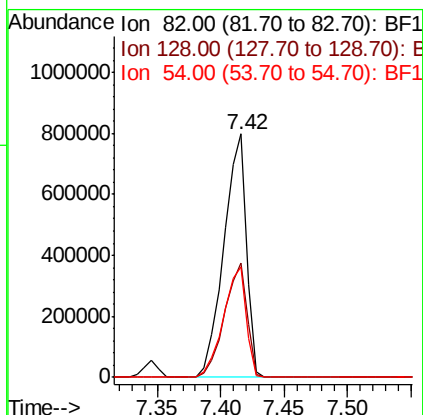
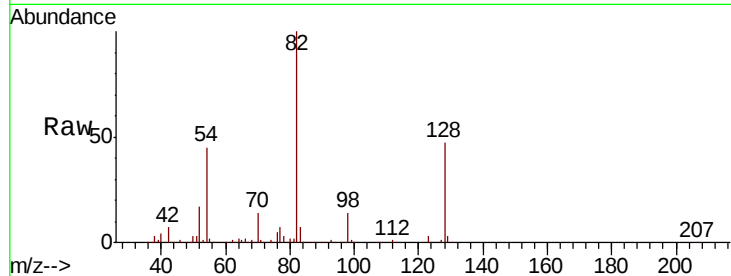




#23
 Nitrobenzene-d5
 Concen: 136.655 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

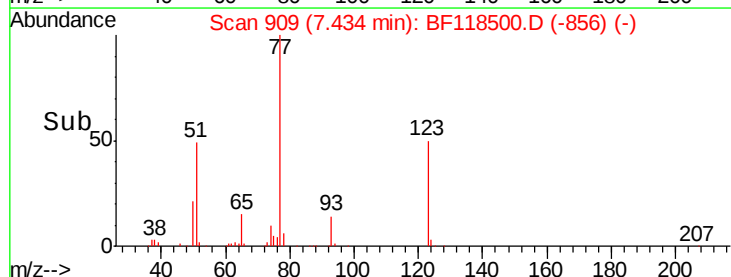
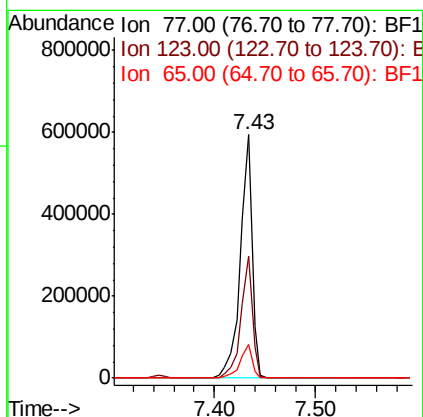
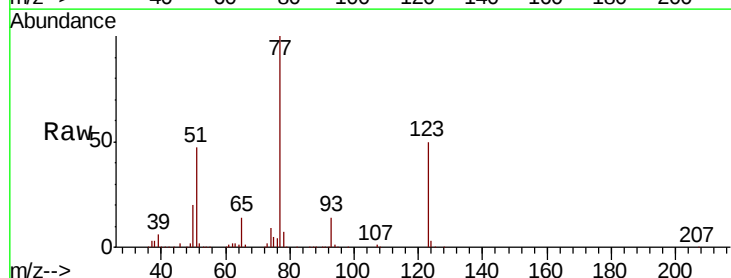
Instrument :
 BNA_F
 ClientSampleId :

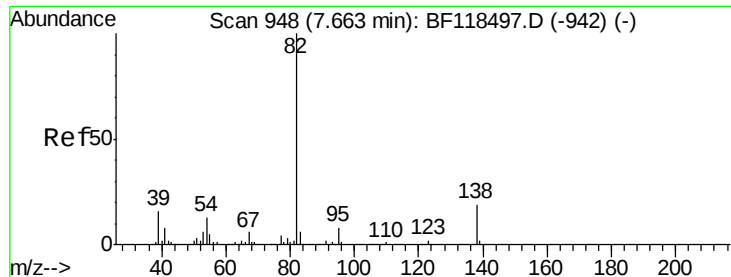
Tot Ion: 82 Resp: 979652
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.6 54.8
 54 45.4 37.0 55.6



#24
 Nitrobenzene
 Concen: 67.837 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Tgt Ion: 77 Resp: 480903
 Ion Ratio Lower Upper
 77 100
 123 49.9 37.0 55.4
 65 13.8 10.7 16.1





#25

Isophorone

Concen: 73.140 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampleId :

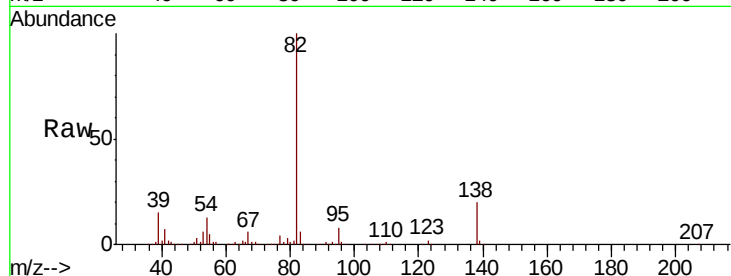
Tot Ion: 82 Resp: 893874

Ion Ratio Lower Upper

82 100

95 8.0 6.6 9.8

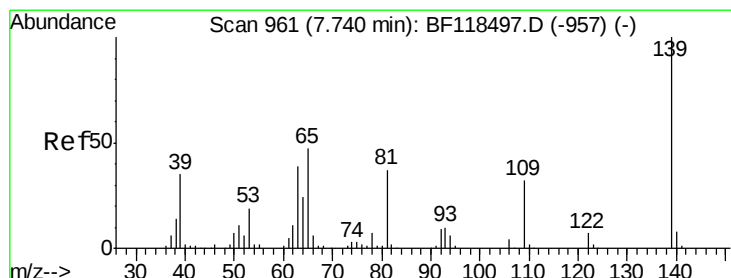
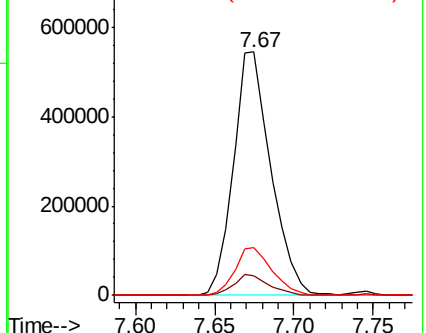
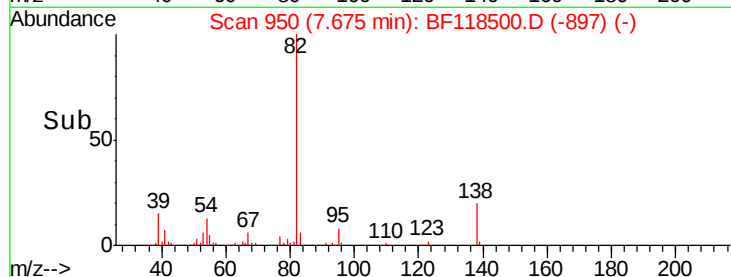
138 19.7 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 75.084 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

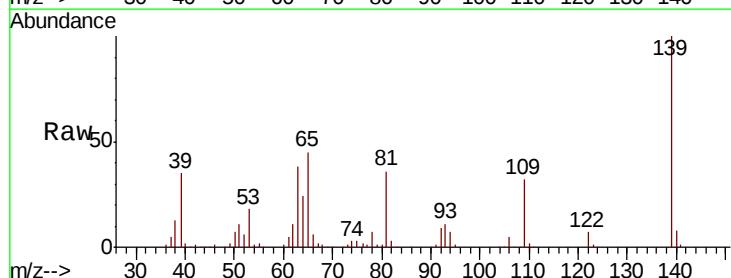
Tgt Ion: 139 Resp: 284480

Ion Ratio Lower Upper

139 100

109 32.0 25.7 38.5

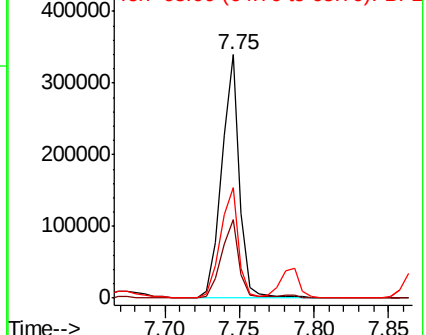
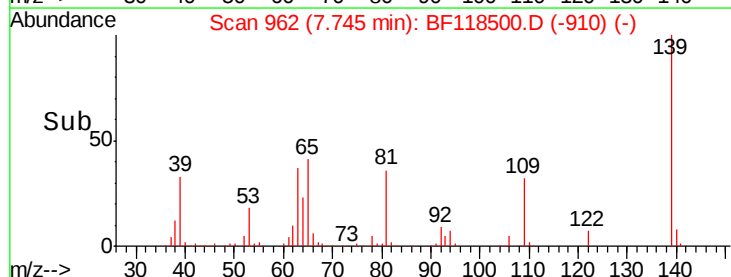
65 45.4 37.8 56.6

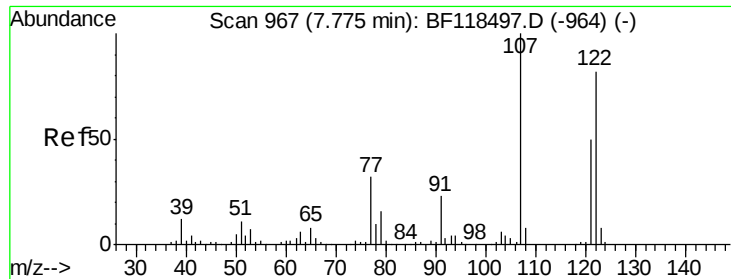


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

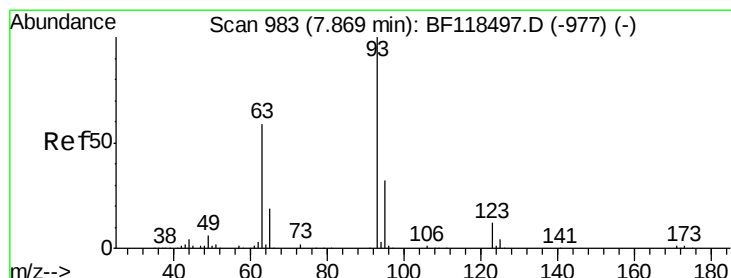
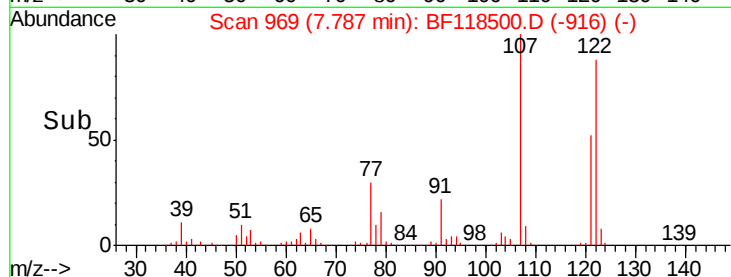
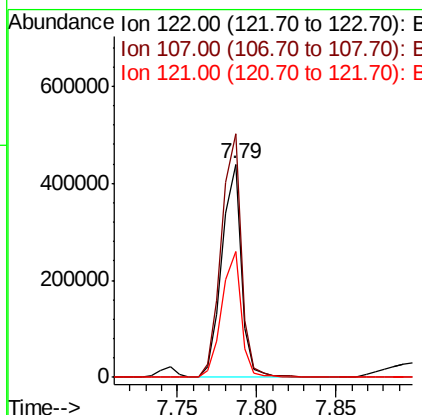
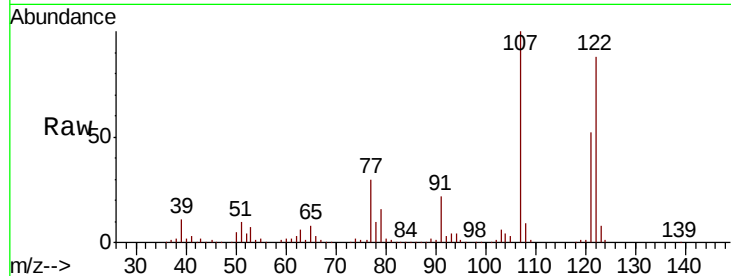




#27
 2,4-Dimethylphenol
 Concen: 75.657 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

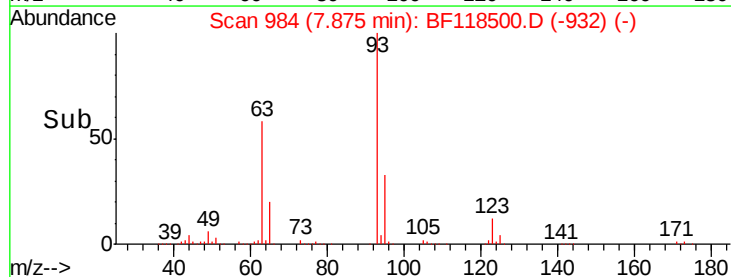
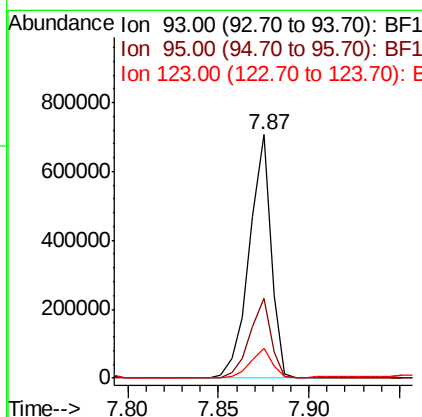
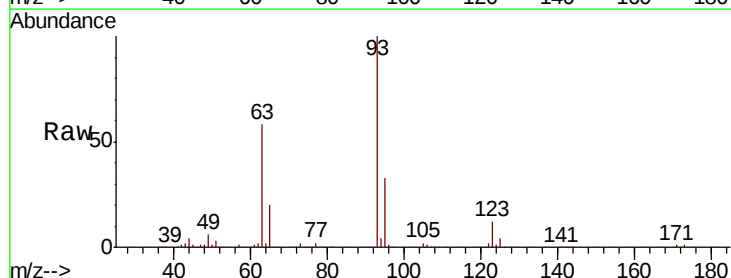
Instrument :
 BNA_F
 ClientSampled :

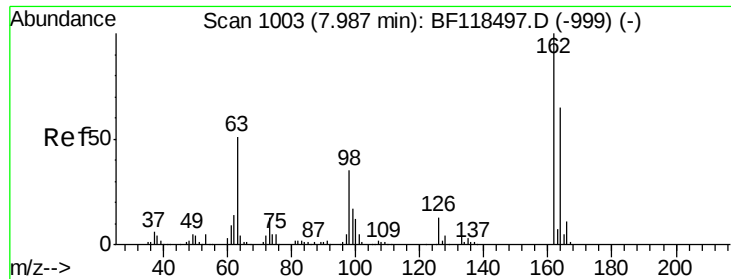
Tot Ion:122 Resp: 375307
 Ion Ratio Lower Upper
 122 100
 107 114.1 97.9 146.9
 121 58.9 49.0 73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 76.494 ng
 RT: 7.87 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Tgt Ion: 93 Resp: 591452
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.9 38.9
 123 12.3 9.7 14.5

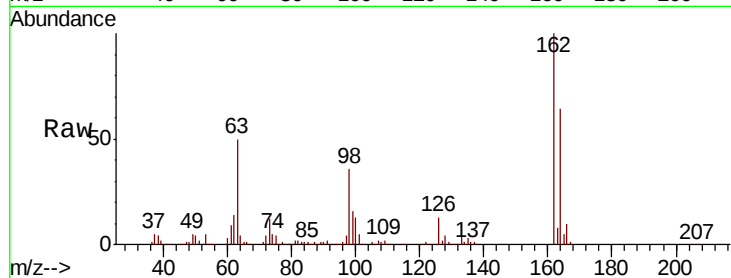




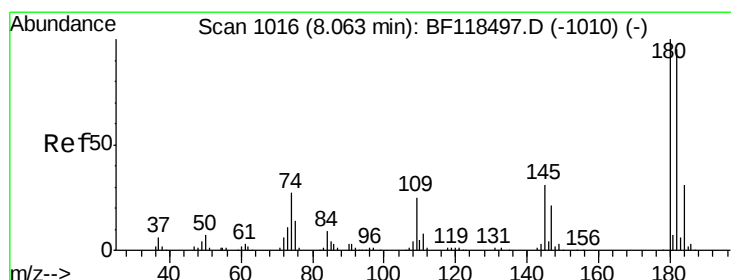
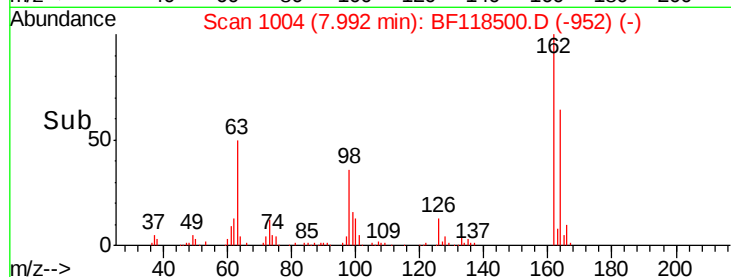
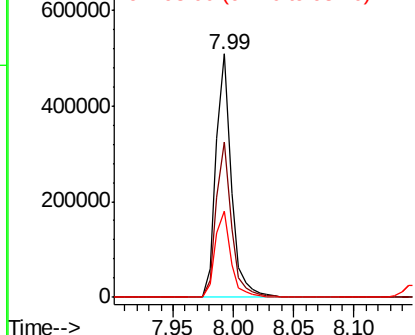
#29
2,4-Dichlorophenol
Concen: 75.828 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 443552
Ion Ratio Lower Upper
162 100
164 64.0 44.8 84.8
98 35.6 15.1 55.1

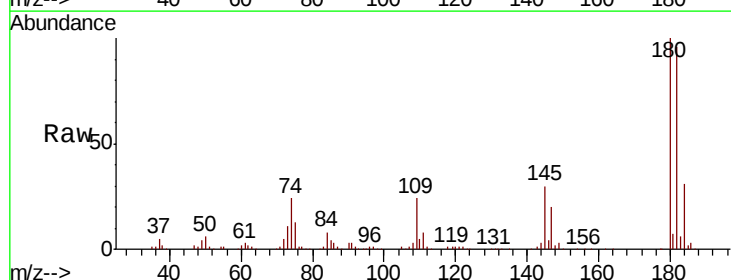


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

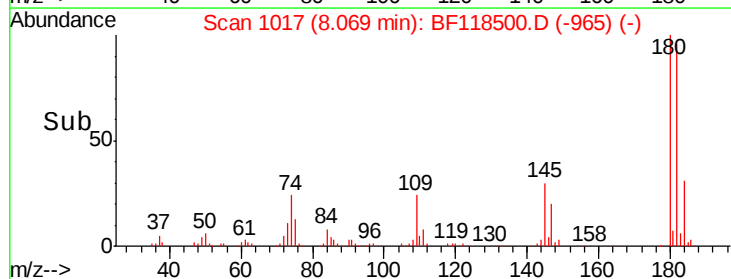
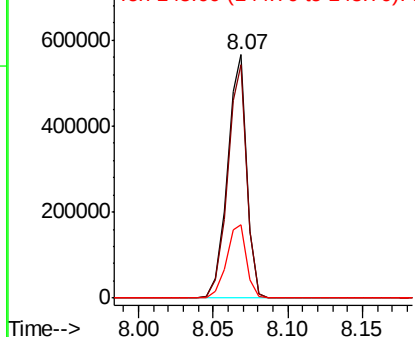


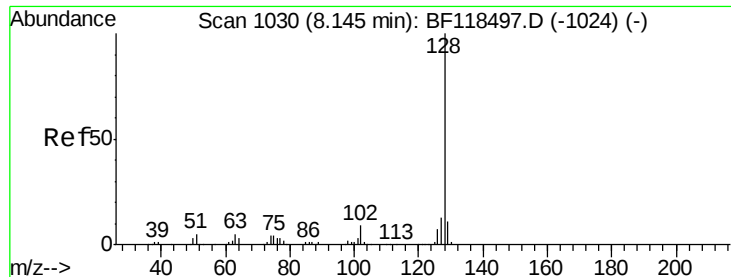
#30
1,2,4-Trichlorobenzene
Concen: 74.845 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion:180 Resp: 518082
Ion Ratio Lower Upper
180 100
182 95.8 75.8 113.6
145 30.3 25.0 37.6



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

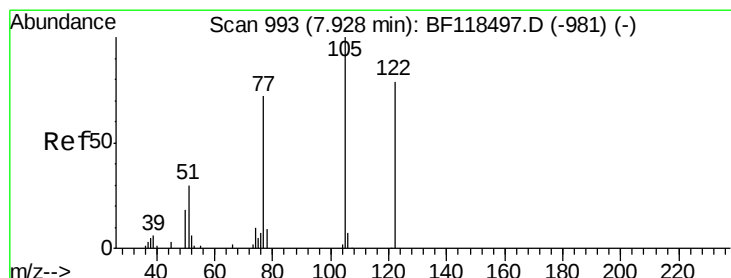
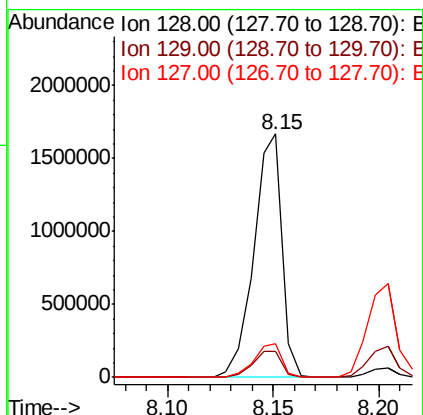
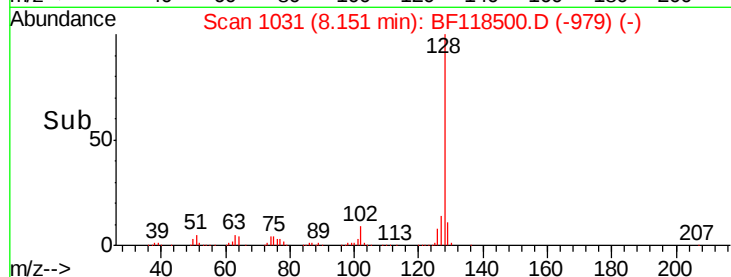
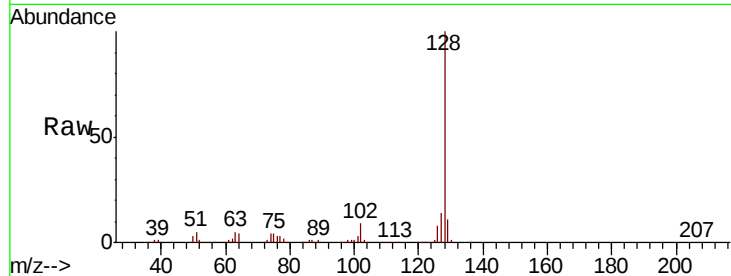




#31
Naphthalene
Concen: 75.513 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

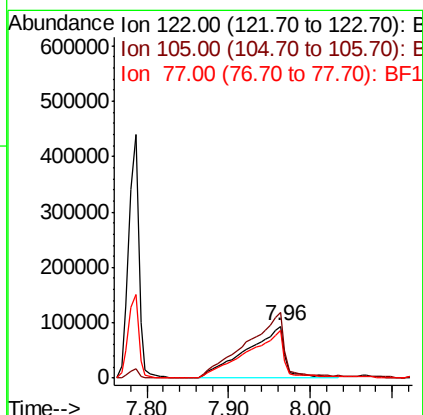
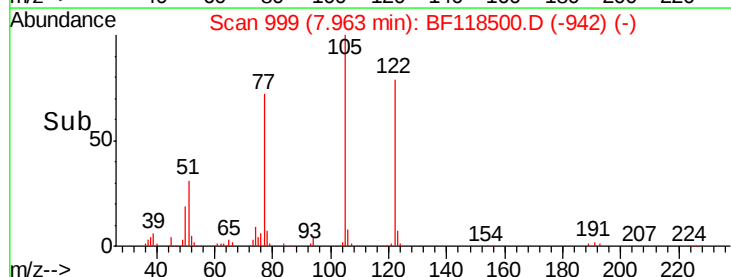
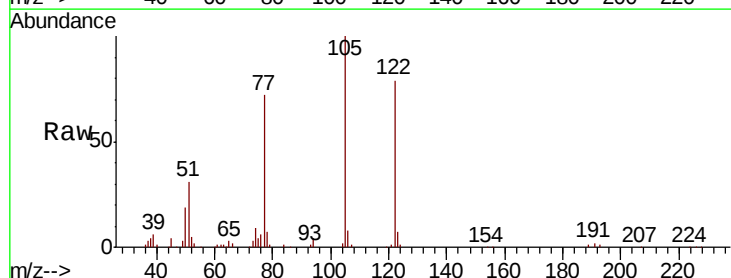
Instrument :
BNA_F
ClientSampleId :

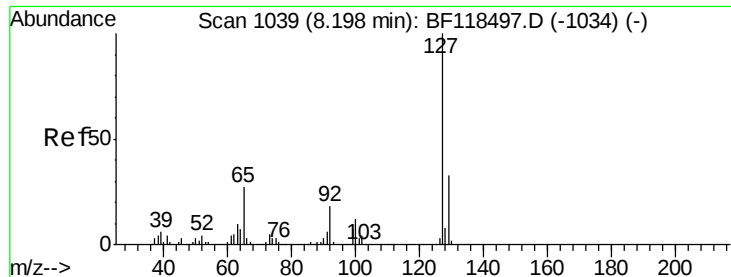
Tot Ion:128 Resp: 1542017
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 88.739 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.04 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion:122 Resp: 306754
Ion Ratio Lower Upper
122 100
105 125.9 105.7 145.7
77 91.1 71.0 111.0

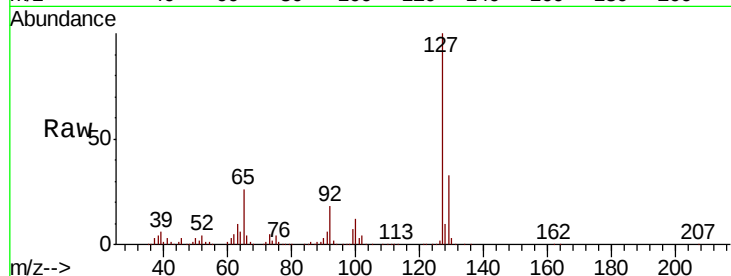




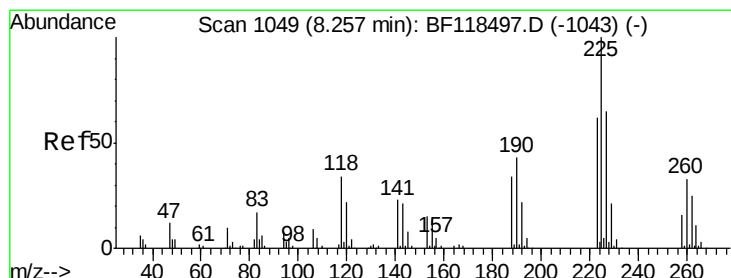
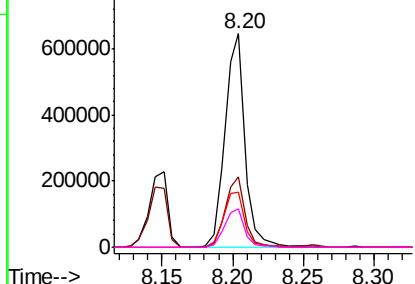
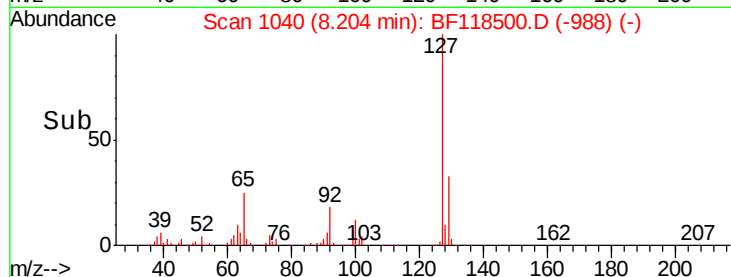
#33
4-Chloroaniline
Concen: 73.369 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp: 628281
Ion Ratio	Lower Upper
127 100	
129 32.7	26.2 39.4
65 25.6	21.6 32.4
92 18.1	14.3 21.5

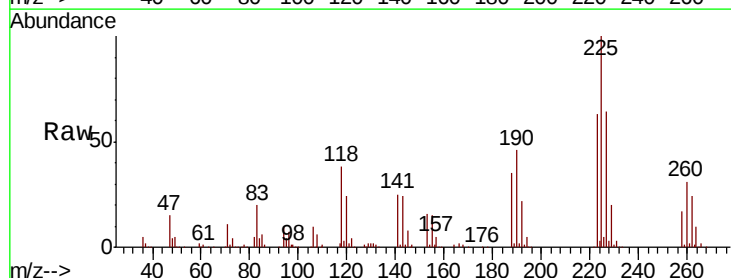


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

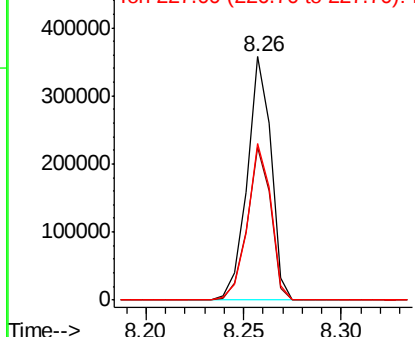
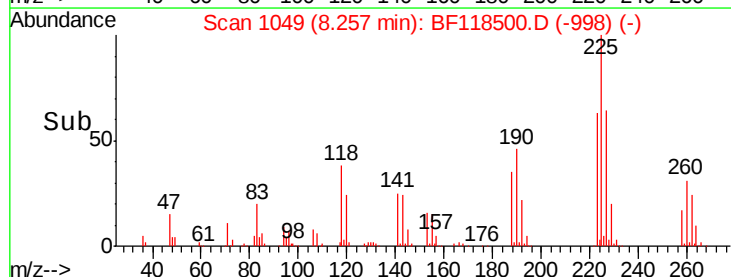


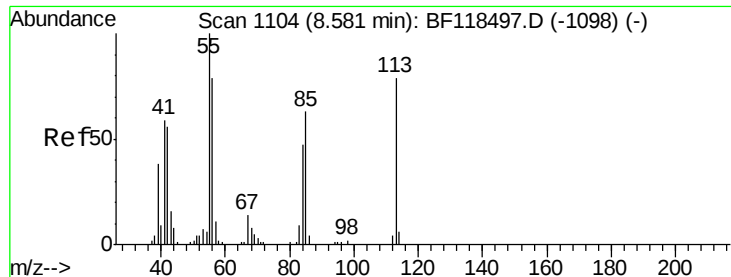
#34
Hexachlorobutadiene
Concen: 73.195 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	225	Resp: Lower	302252 Upper
	Ratio		
225	100		
223	62.5	49.9	74.9
227	64.2	51.8	77.6



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

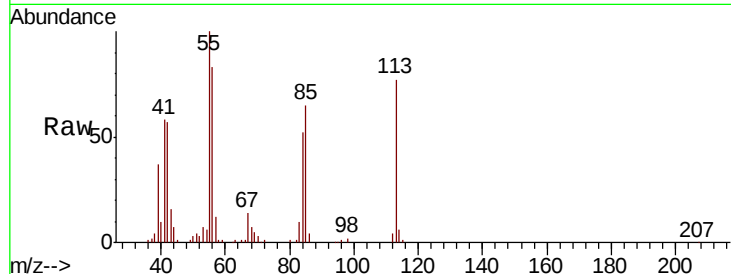




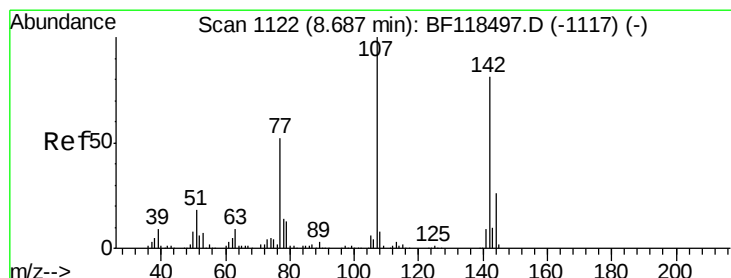
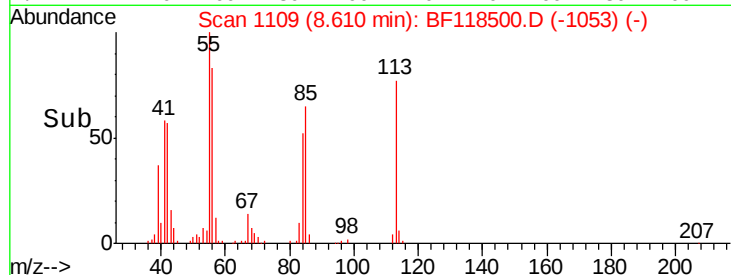
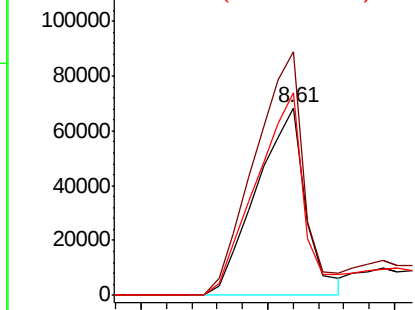
#35
 Caprolactam
 Concen: 50.277 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.03 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 92841
 Ion Ratio Lower Upper
 113 100
 55 129.7 106.5 146.5
 56 108.0 80.1 120.1

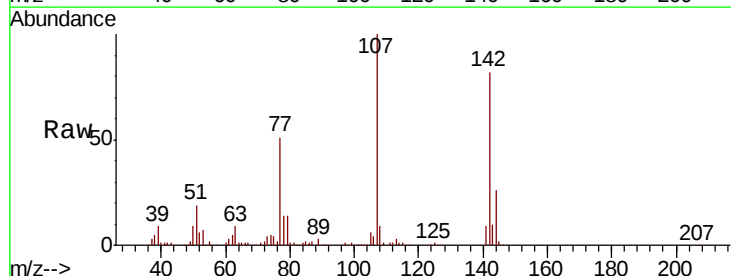


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

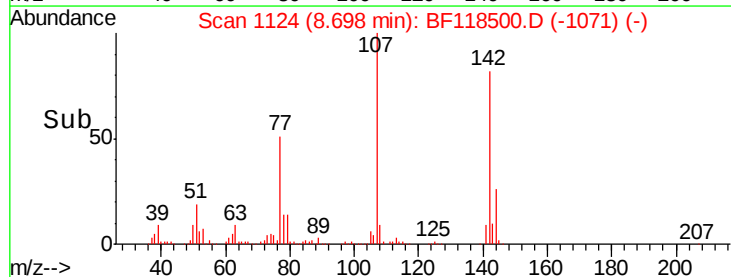
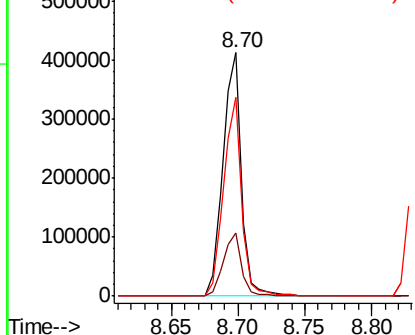


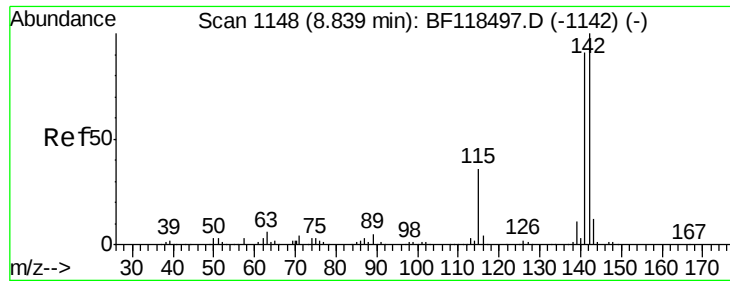
#36
 4-Chloro-3-methylphenol
 Concen: 65.651 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Tgt Ion:107 Resp: 404113
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.6 31.0
 142 81.9 65.0 97.4



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

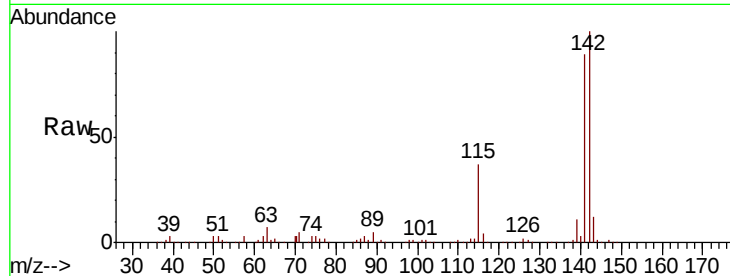




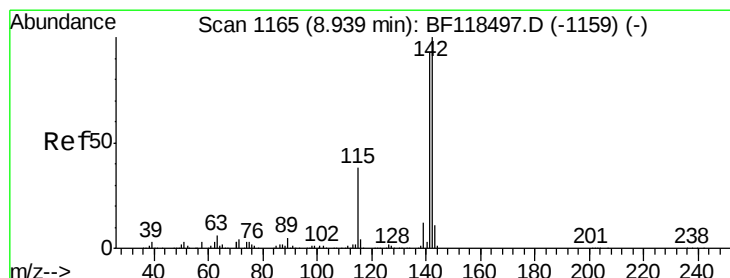
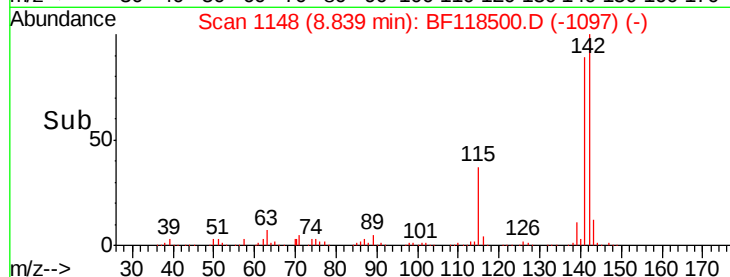
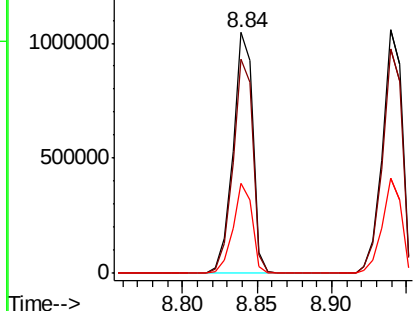
#37
 2-Methylnaphthalene
 Concen: 70.328 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.0	109.6
115	37.3	28.4	42.6

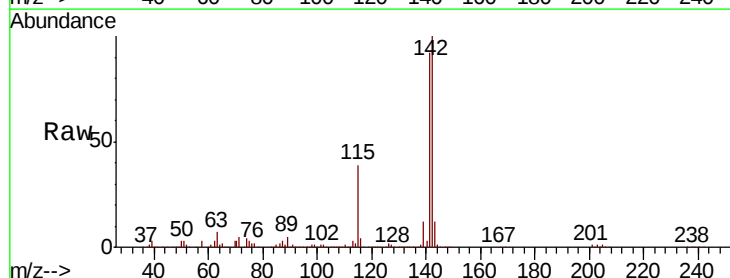


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

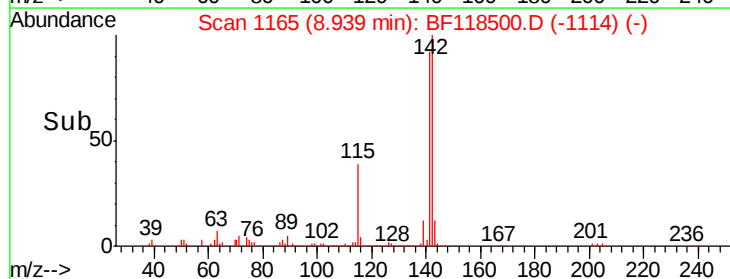
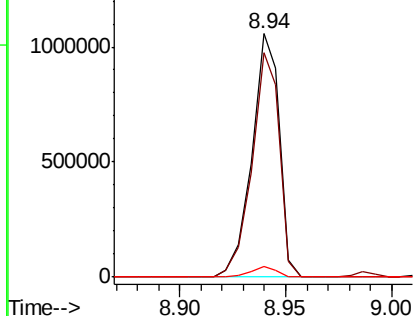


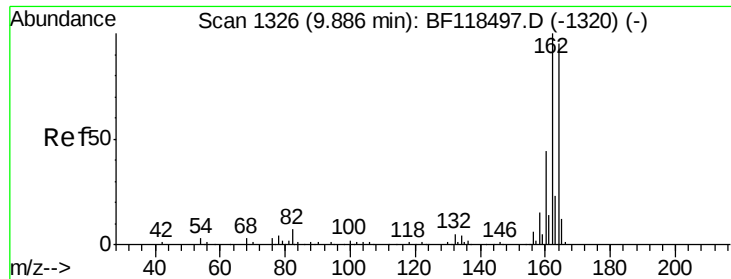
#38
 1-Methylnaphthalene
 Concen: 71.460 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.3	111.5
116	4.2	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

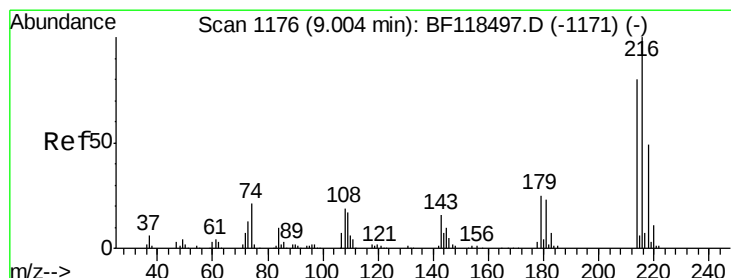
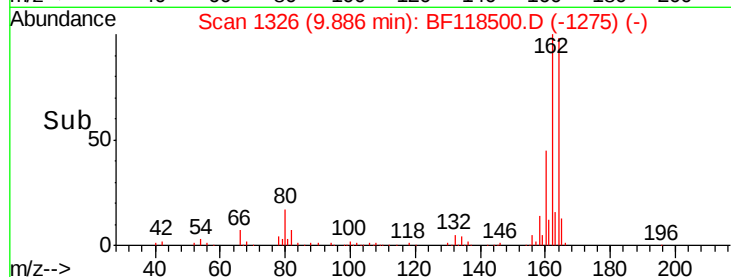
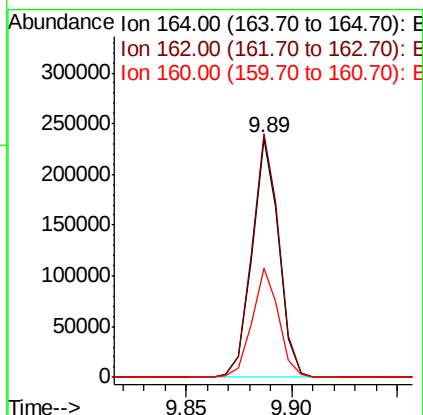
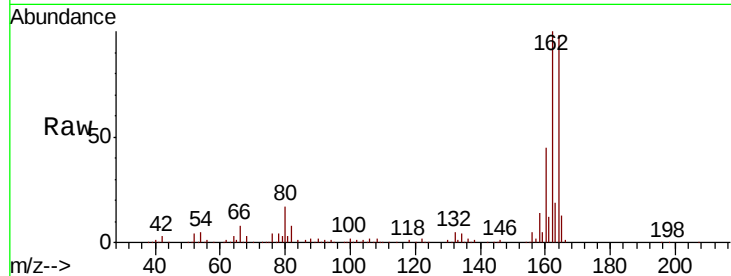




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

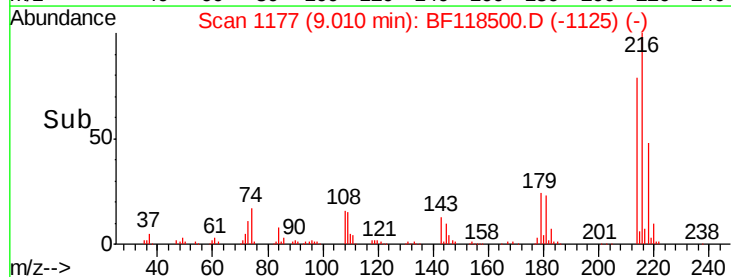
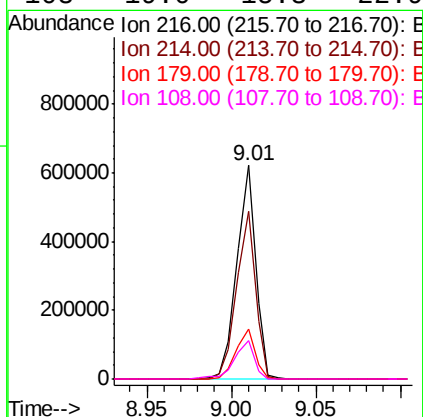
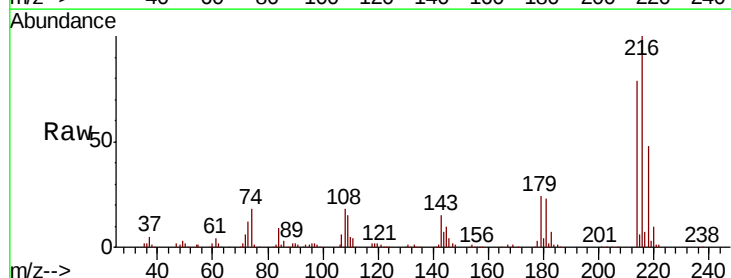
Instrument :
 BNA_F
 ClientSampleId :

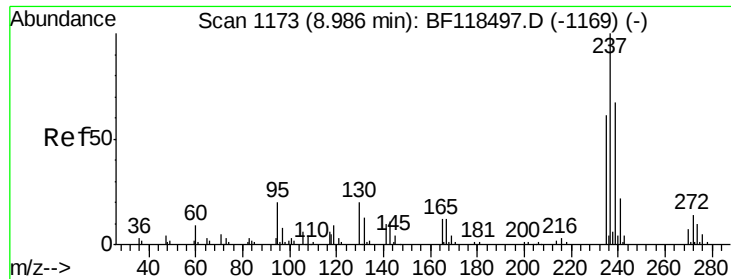
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	84.2	126.4
160	45.8	36.8	55.2



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 77.302 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.4	93.6
179	23.6	18.7	28.1
108	19.0	15.3	22.9





#41

Hexachlorocyclopentadiene

Concen: 127.551 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

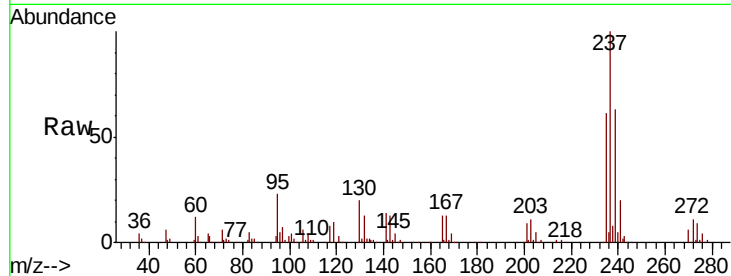
Instrument :

BNA_F

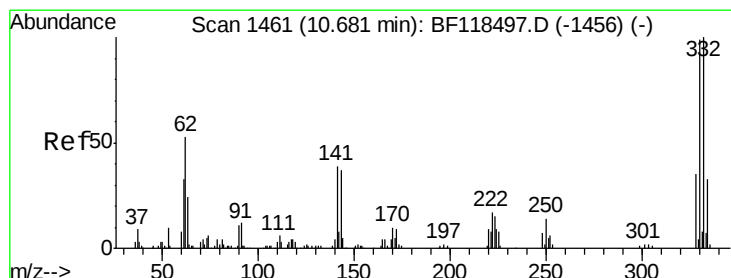
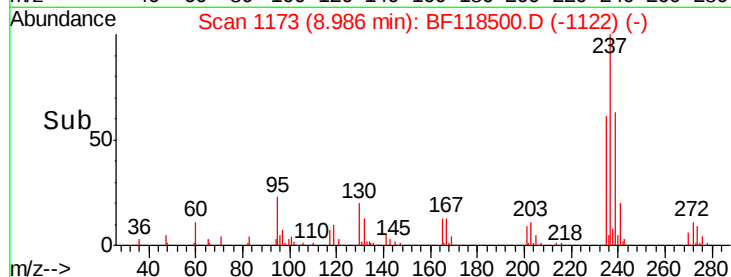
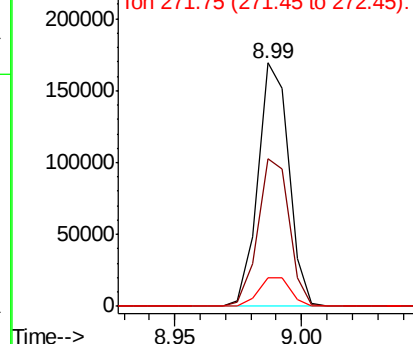
ClientSampleId :

Tot Ion:237 Resp: 144239

Ion	Ratio	Lower	Upper
237	100		
235	60.9	40.8	80.8
272	11.5	0.0	34.2



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: 153.225 ng

RT: 10.69 min Scan# 1462

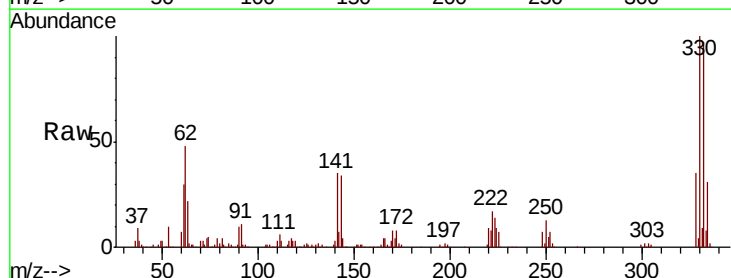
Delta R.T. 0.01 min

Lab File: BF118500.D

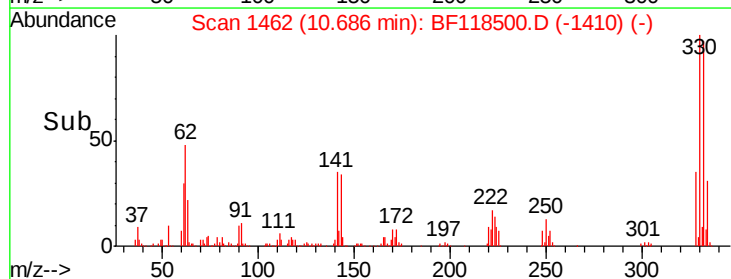
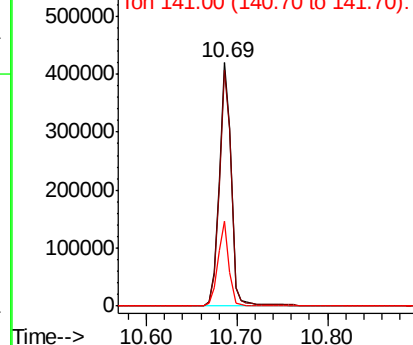
Acq: 8 Jan 2020 14:09

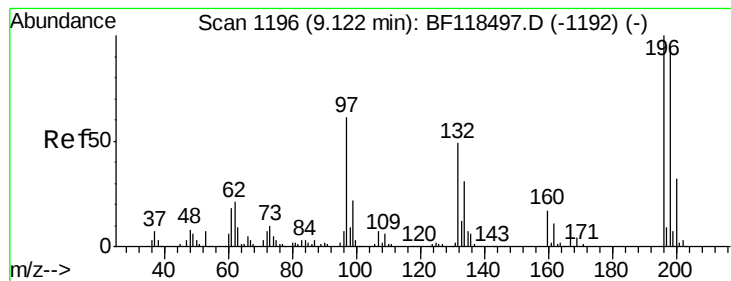
Tgt Ion:330 Resp: 385350

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.9	116.9
141	32.4	28.6	43.0



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: 78.611 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampled :

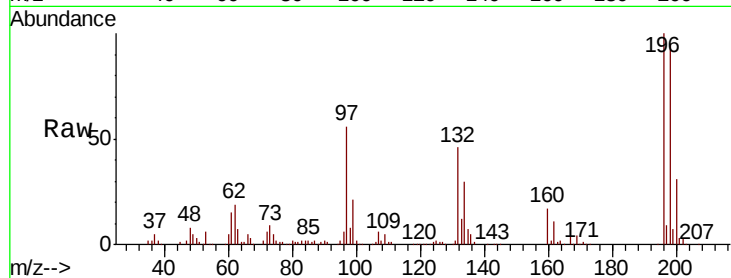
Tot Ion:196 Resp: 313648

Ion Ratio Lower Upper

196 100

198 95.4 76.2 114.4

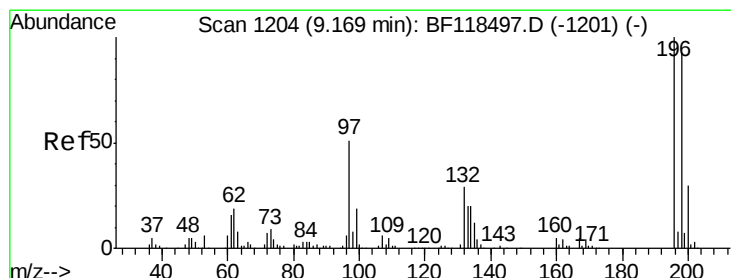
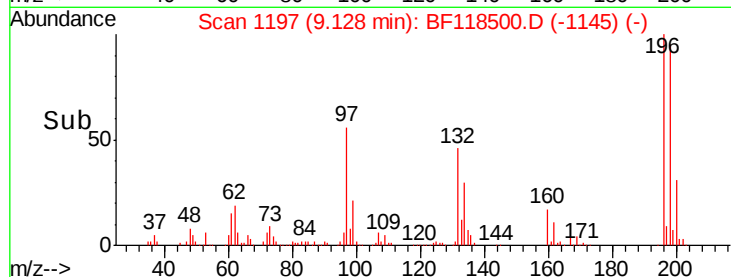
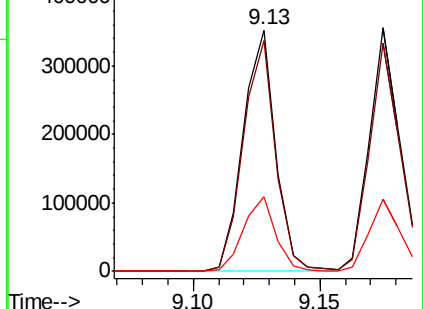
200 30.8 25.2 37.8



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: 78.783 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Tgt Ion:196 Resp: 319983

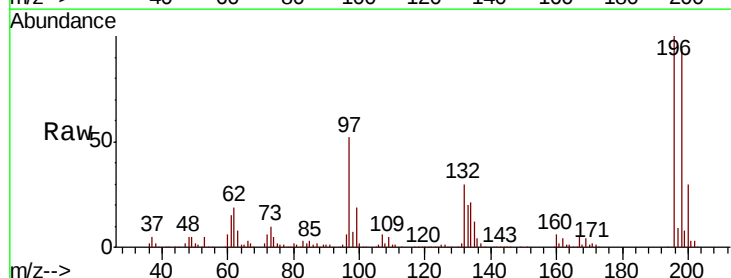
Ion Ratio Lower Upper

196 100

198 93.9 74.7 112.1

97 51.7 40.7 61.1

132 30.3 23.7 35.5

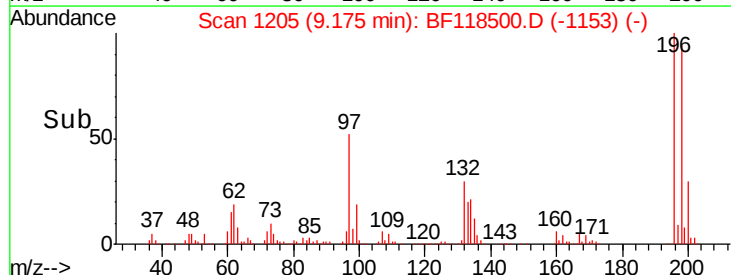
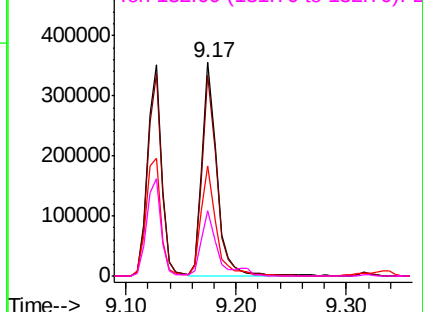


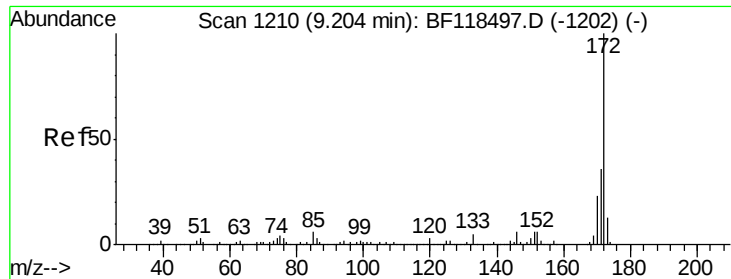
Abundance Ion 196.00 (195.70 to 196.70): E

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

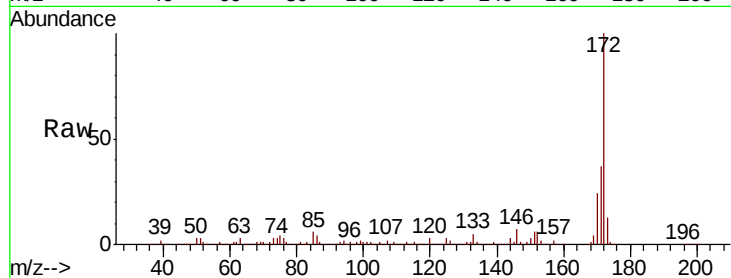




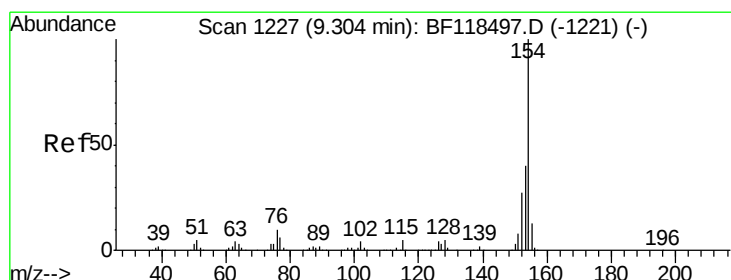
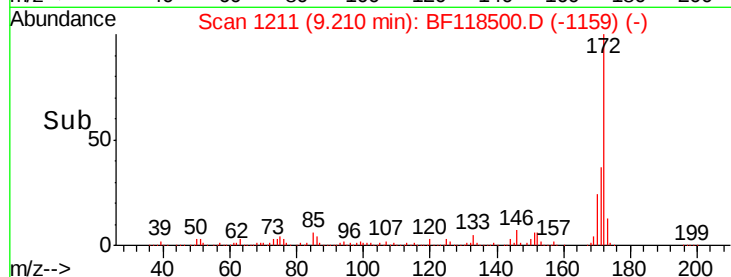
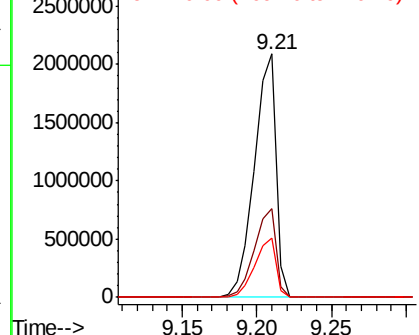
#45
2-Fluorobiphenyl
Concen: 149.242 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2087649
Ion Ratio Lower Upper
172 100
171 36.7 28.6 42.8
170 24.1 18.6 27.8

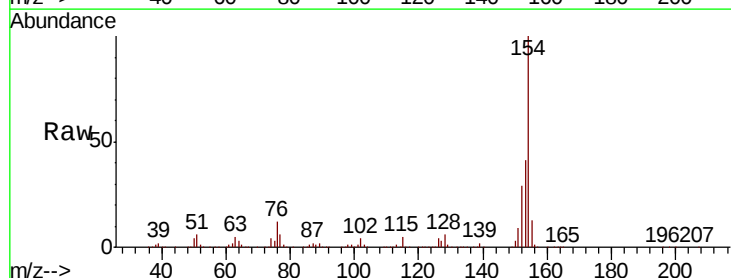


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

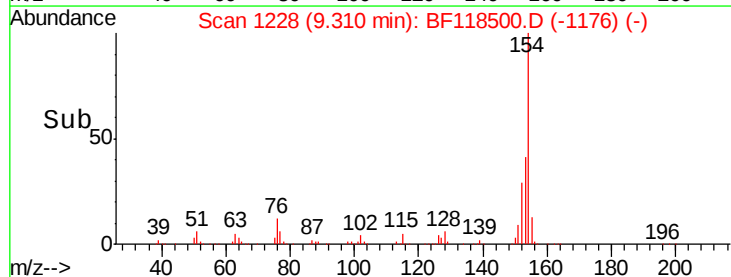
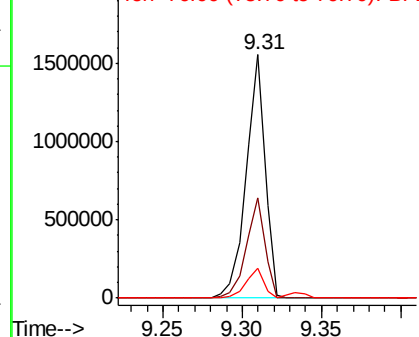


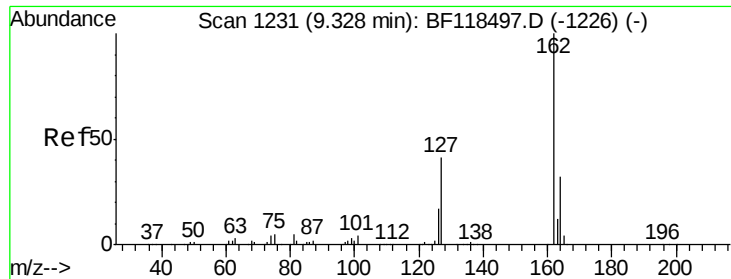
#46
1,1'-Biphenyl
Concen: 77.225 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion:154 Resp: 1276559
Ion Ratio Lower Upper
154 100
153 41.4 20.2 60.2
76 12.0 0.0 30.4



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

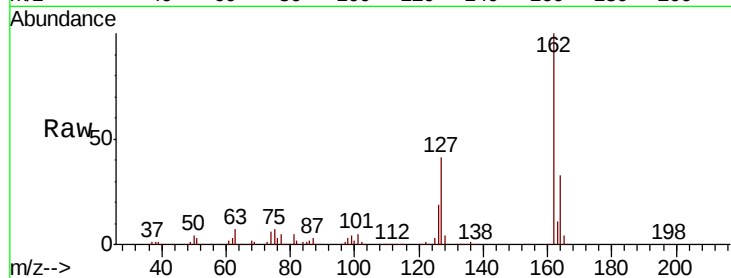




#47
2-Chloronaphthalene
Concen: 74.167 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	35.5	53.3
164	32.8	25.8	38.8

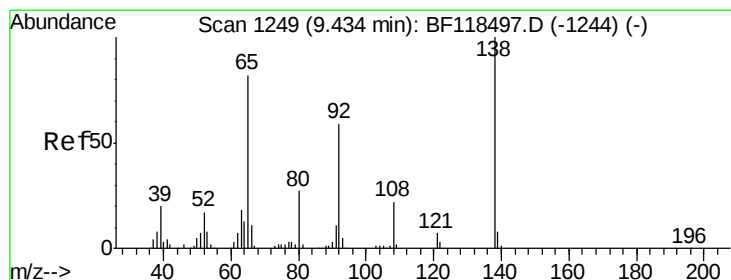
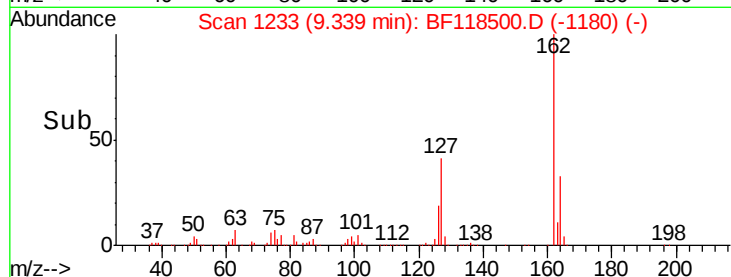
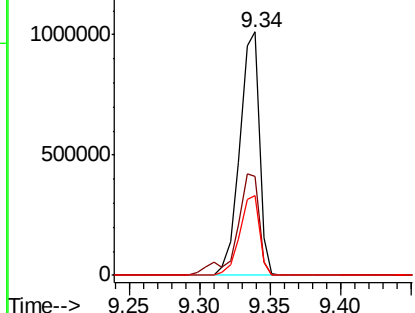


Abundance

Ion 162.00 (161.70 to 162.70): E

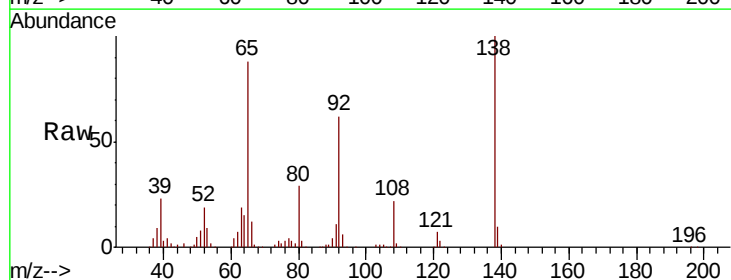
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 70.655 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	57.7	86.5
138	113.9	97.2	145.8

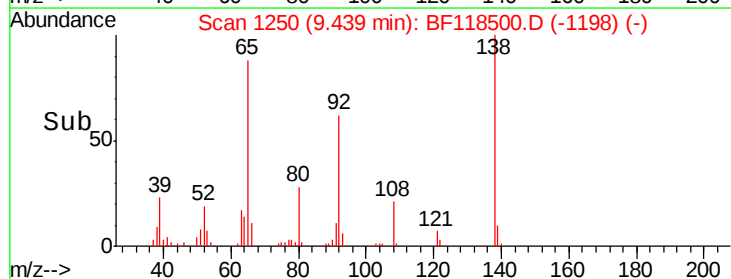
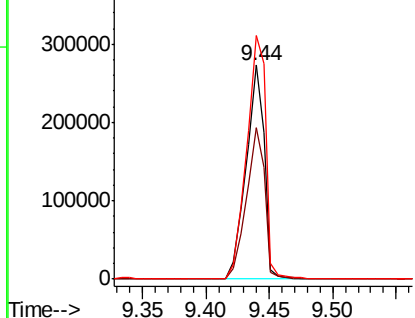


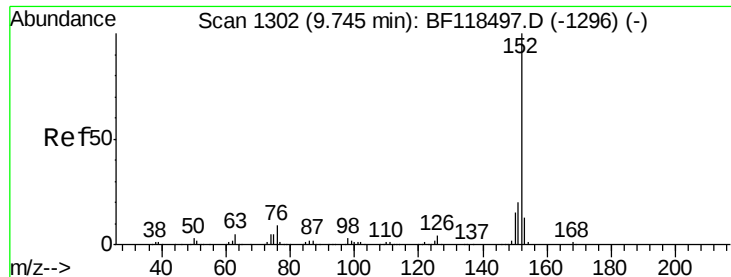
Abundance

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: 76.788 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampleId :

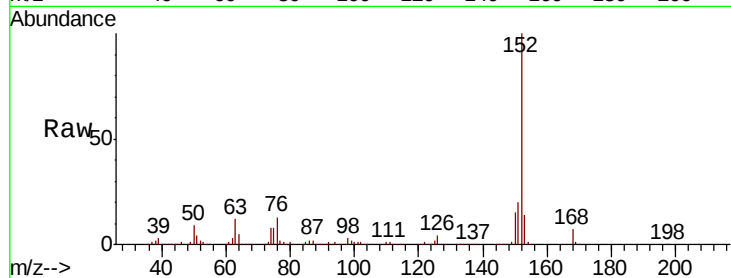
Tot Ion:152 Resp: 1512536

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

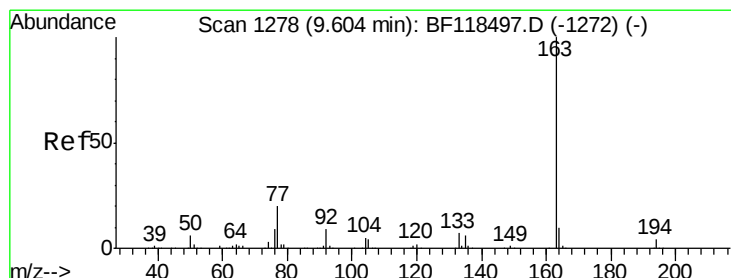
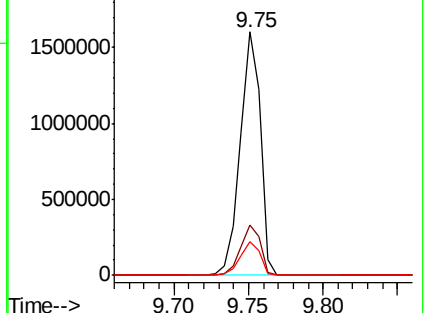
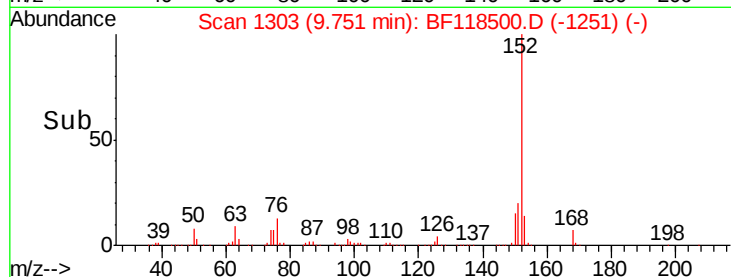
153 13.7 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 75.791 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

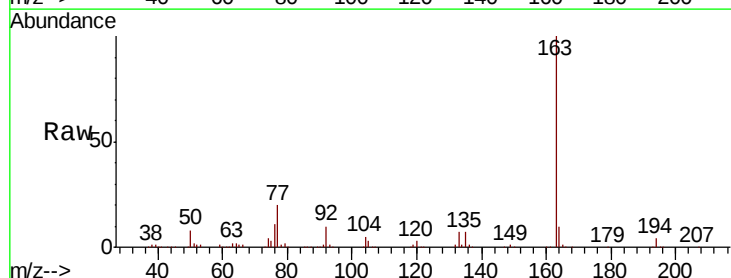
Tgt Ion:163 Resp: 1204896

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

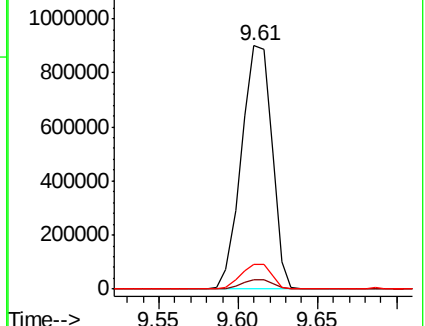
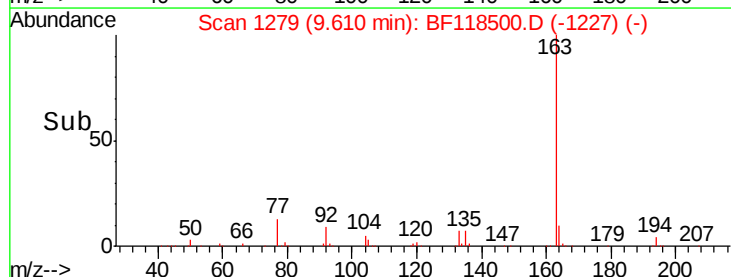
164 10.4 8.1 12.1

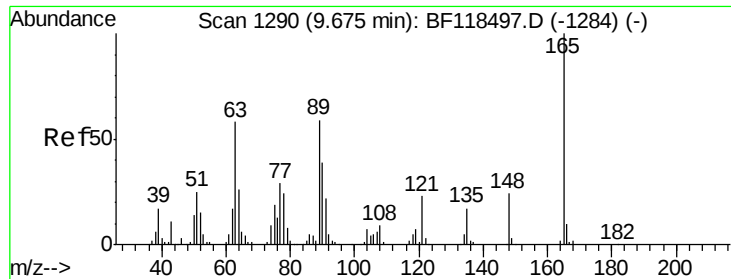


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 80.071 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampleId :

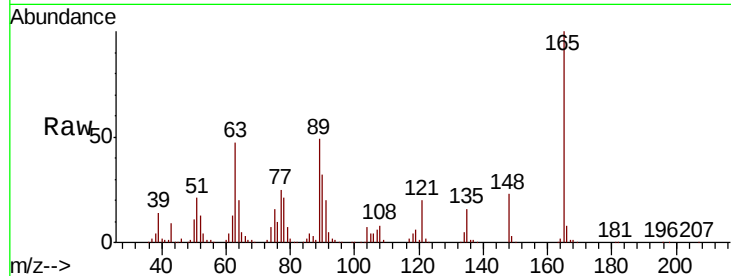
Tot Ion:165 Resp: 260871

Ion Ratio Lower Upper

165 100

63 47.1 46.6 70.0

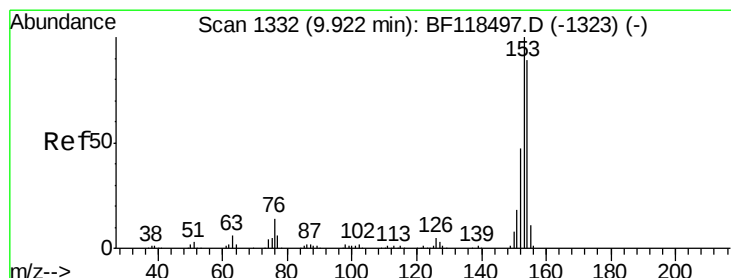
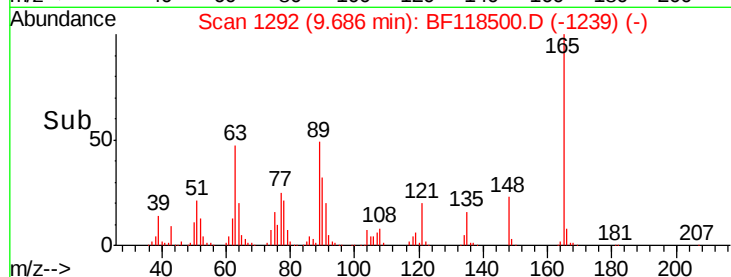
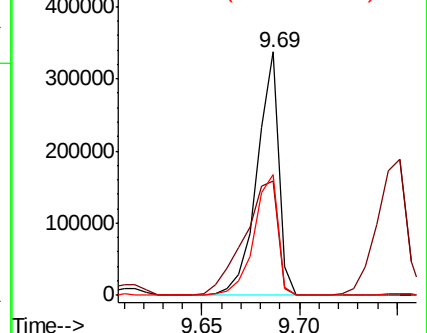
89 49.5 47.5 71.3

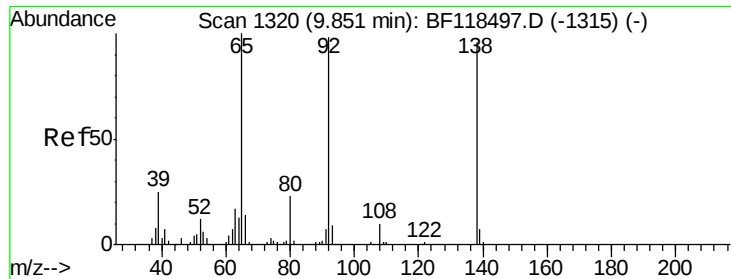


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

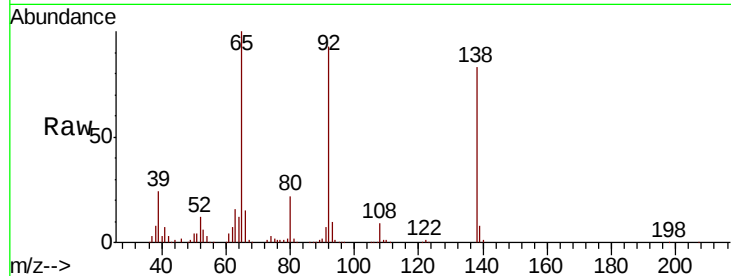




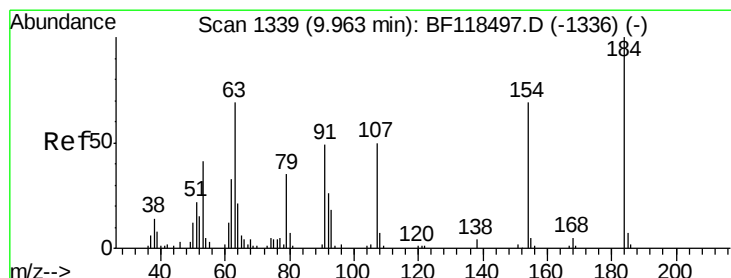
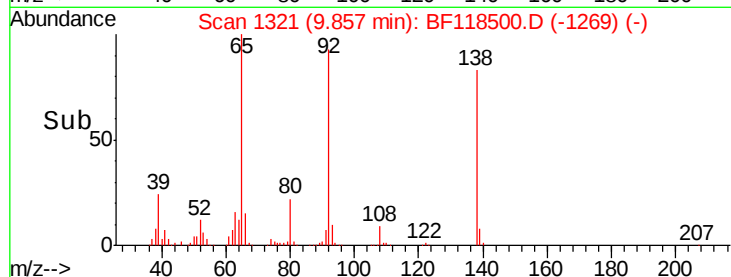
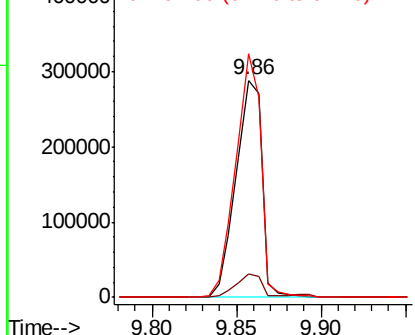
#53
3-Nitroaniline
Concen: 77.756 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 310062
Ion Ratio Lower Upper
138 100
108 11.0 8.1 12.1
92 112.3 81.6 122.4

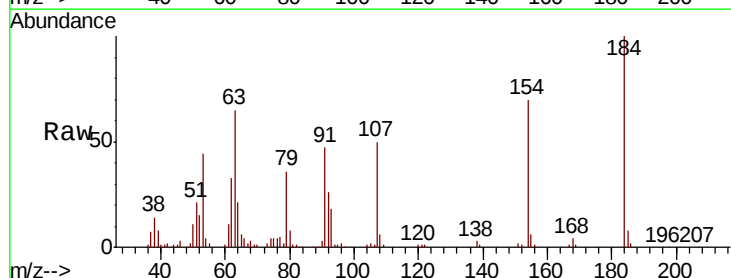


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

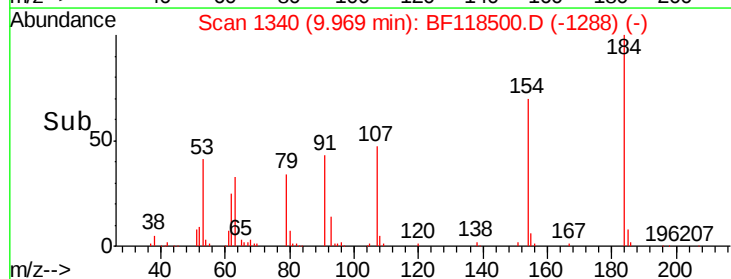
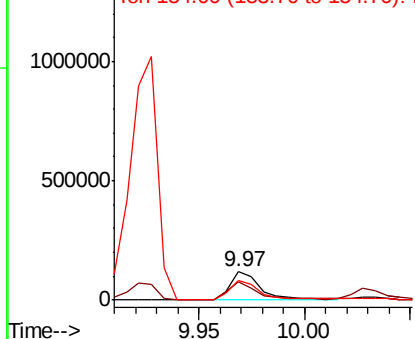


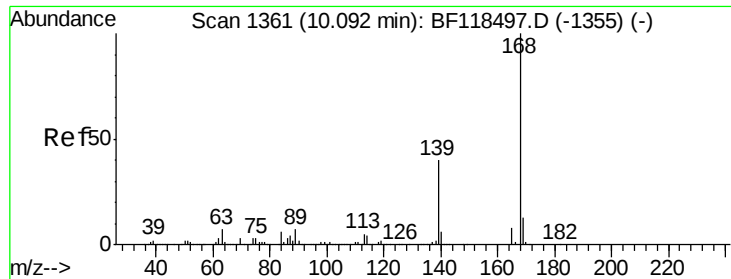
#54
2,4-Dinitrophenol
Concen: 90.105 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion:184 Resp: 124158
Ion Ratio Lower Upper
184 100
63 64.8 55.3 82.9
154 69.9 55.0 82.4



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

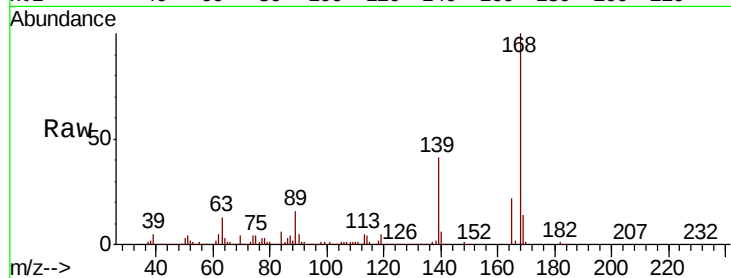




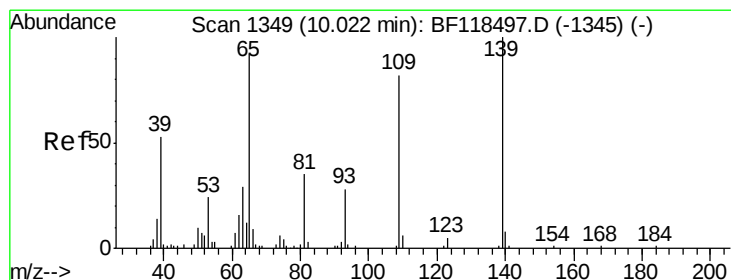
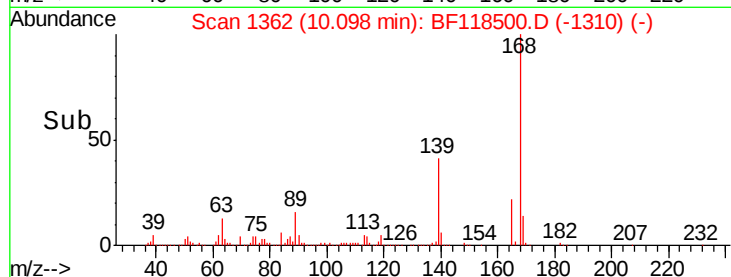
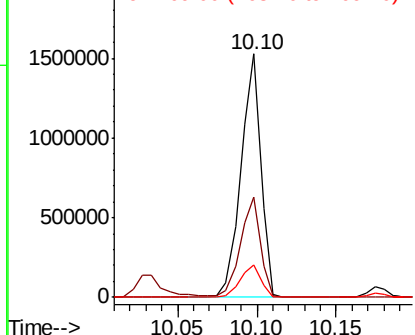
#55
Dibenzofuran
Concen: 75.405 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1324115
Ion Ratio Lower Upper
168 100
139 41.3 32.5 48.7
169 13.5 10.6 16.0

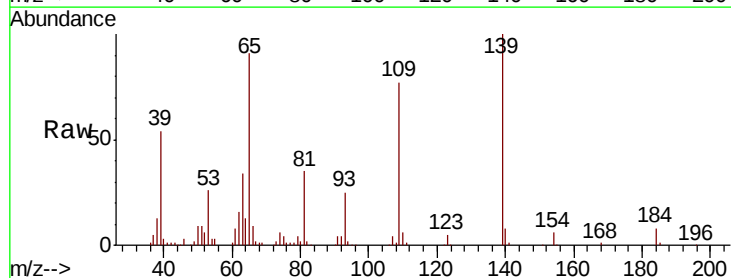


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

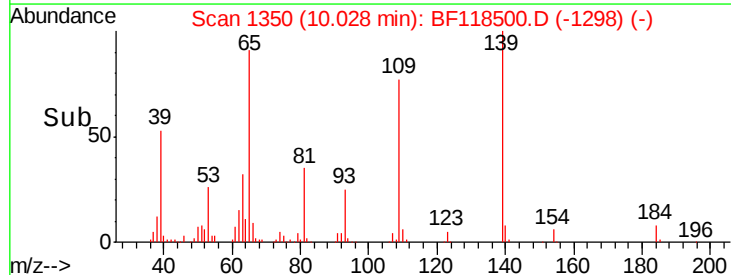
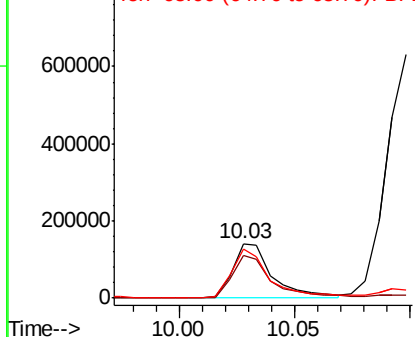


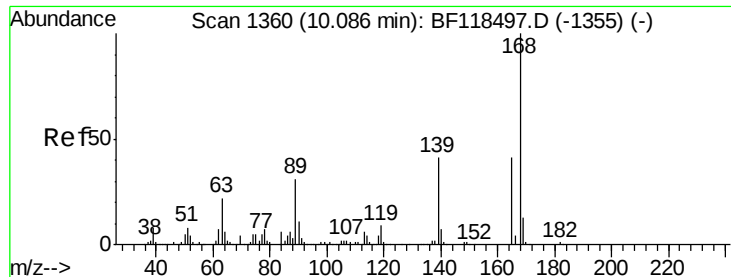
#56
4-Nitrophenol
Concen: 88.624 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion:139 Resp: 169957
Ion Ratio Lower Upper
139 100
109 77.3 62.2 102.2
65 90.9 72.8 112.8



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

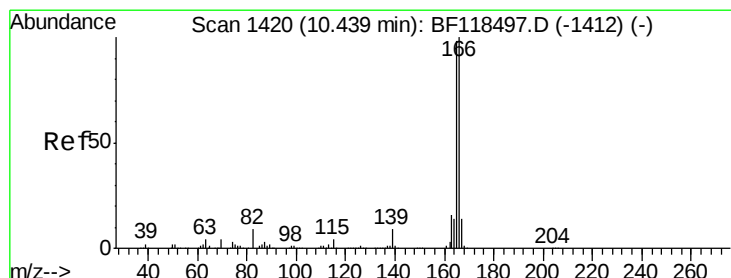
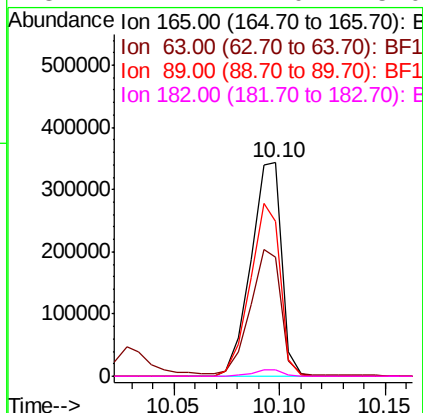
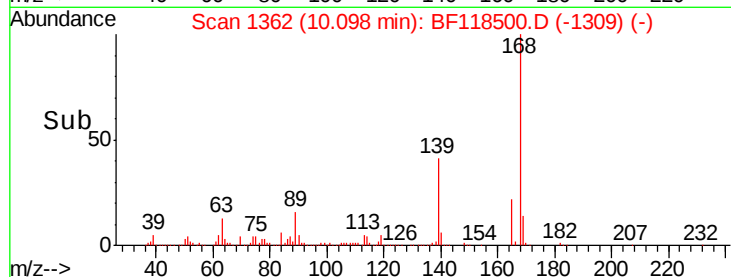
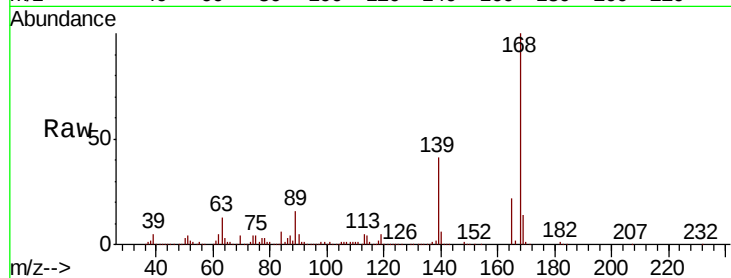




#57
2,4-Dinitrotoluene
Concen: 77.509 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

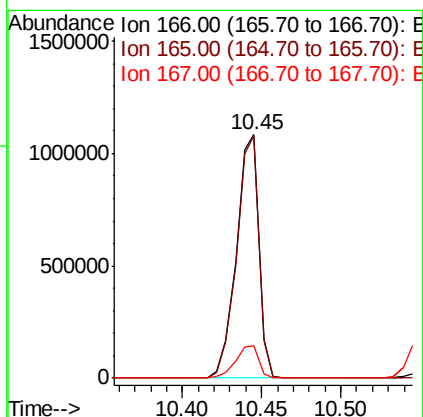
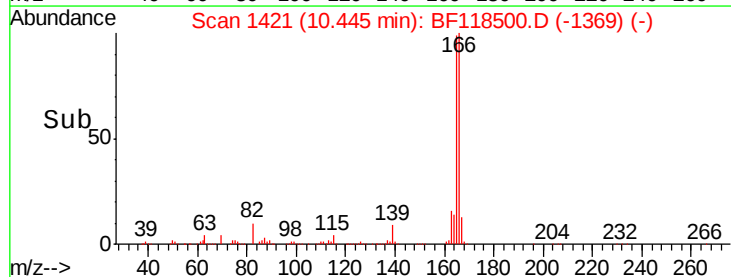
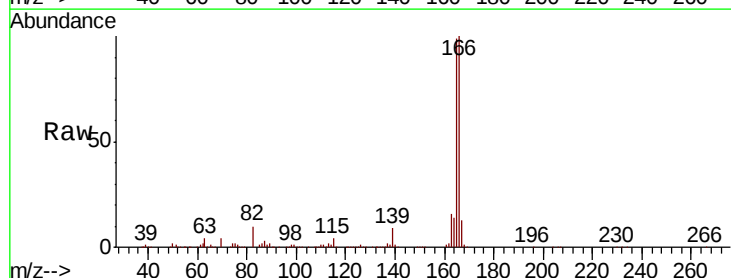
Instrument :
BNA_F
ClientSampleId :

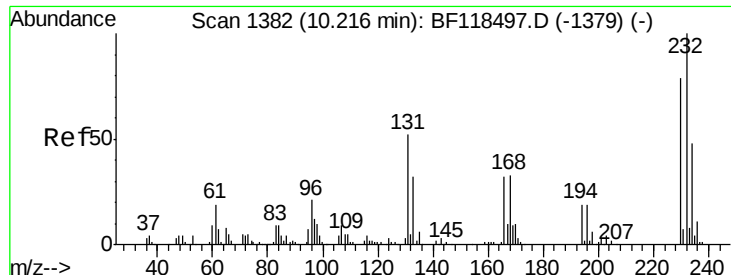
Tot Ion:165 Resp: 347427
Ion Ratio Lower Upper
165 100
63 55.7 44.1 66.1
89 72.8 60.4 90.6
182 2.7 2.0 3.0



#58
Fluorene
Concen: 73.467 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion:166 Resp: 1057844
Ion Ratio Lower Upper
166 100
165 99.4 78.6 117.8
167 13.3 10.8 16.2

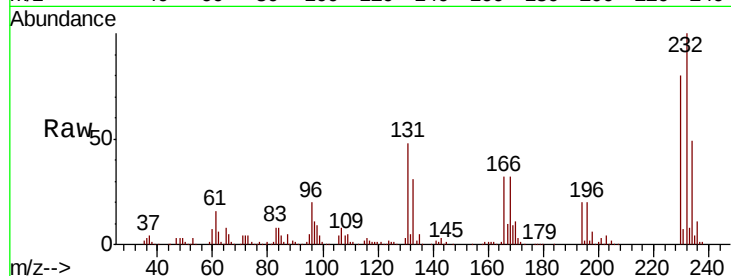




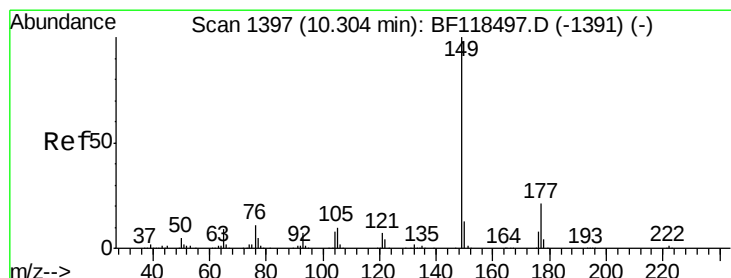
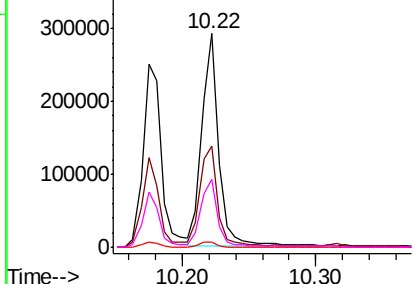
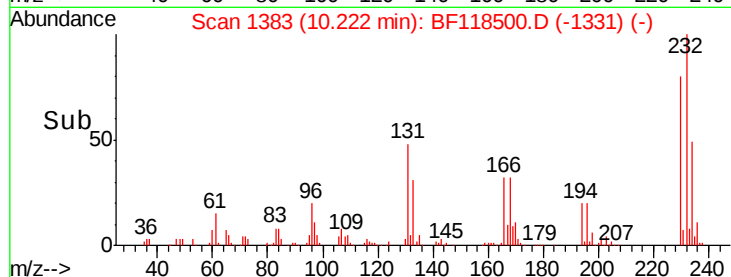
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 75.930 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 255856
 Ion Ratio Lower Upper
 232 100
 131 51.6 42.2 63.4
 130 2.7 2.1 3.1
 166 31.8 25.7 38.5

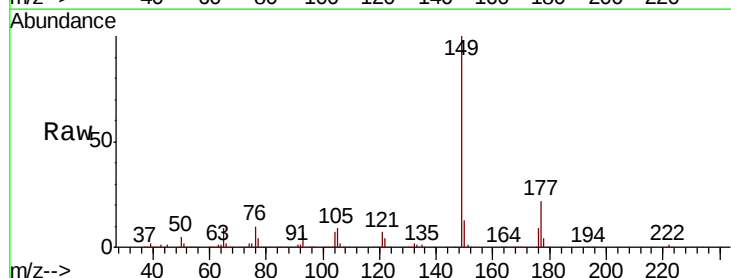


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

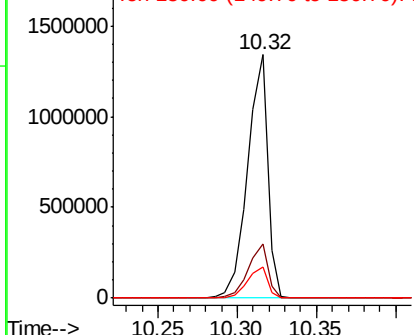
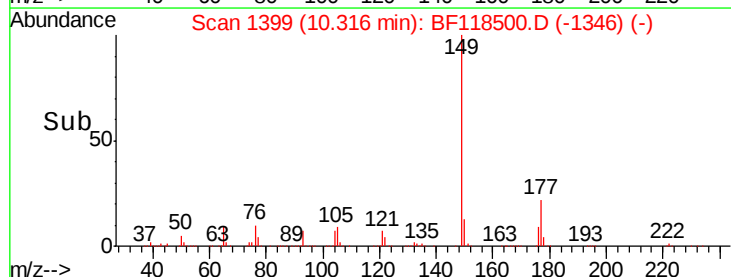


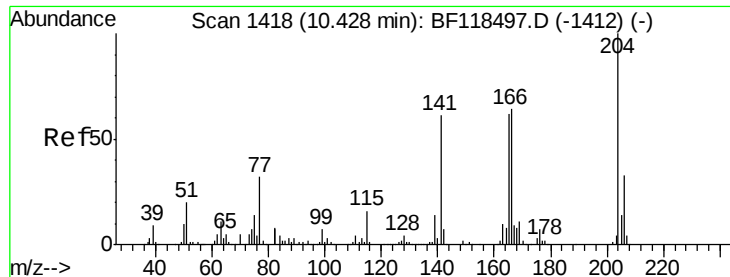
#60
 Diethylphthalate
 Concen: 75.300 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Tgt Ion:149 Resp: 1177148
 Ion Ratio Lower Upper
 149 100
 177 22.0 16.5 24.7
 150 12.8 10.2 15.2



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

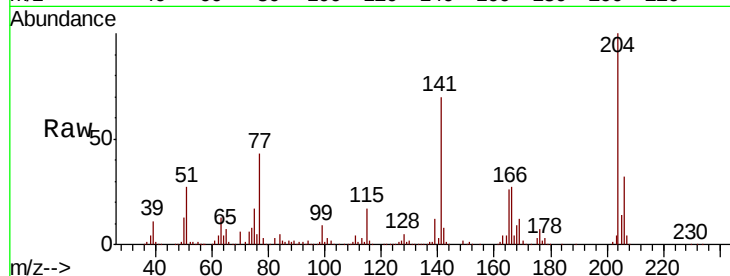




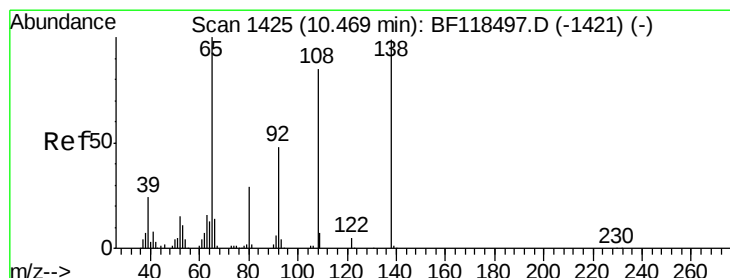
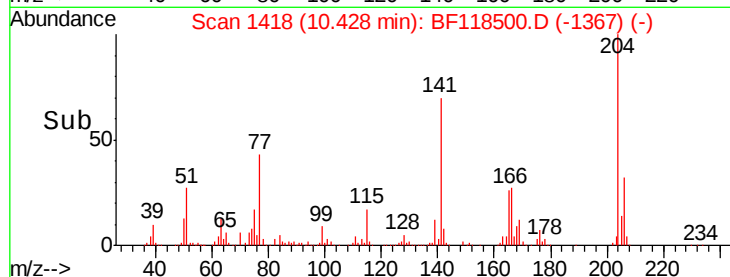
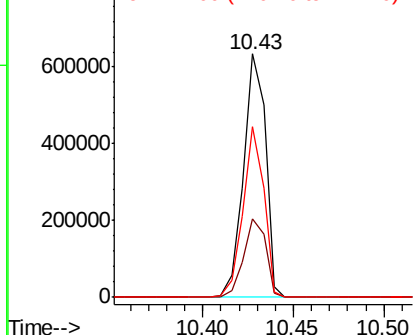
#61
4-Chlorophenyl-phenylether
Concen: 74.265 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 534455
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 70.2 49.0 73.6

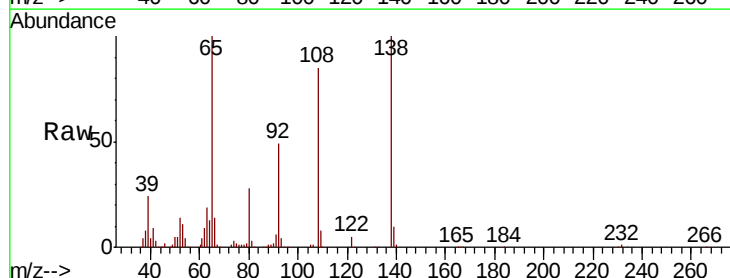


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

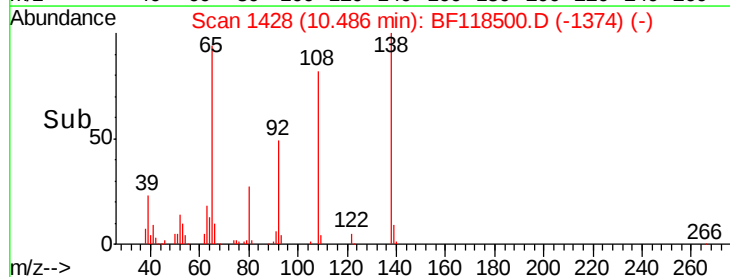
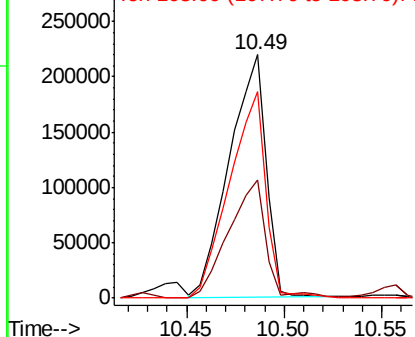


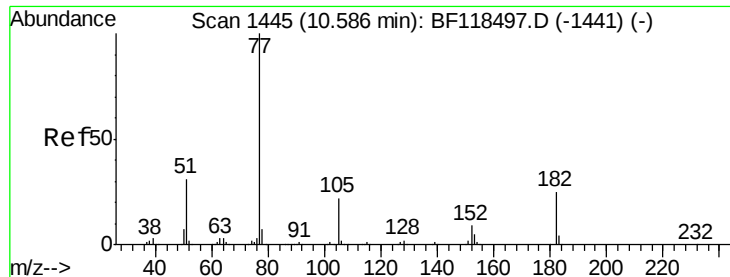
#62
4-Nitroaniline
Concen: 70.170 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.02 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion:138 Resp: 286382
Ion Ratio Lower Upper
138 100
92 48.7 27.9 67.9
108 84.8 64.7 104.7



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

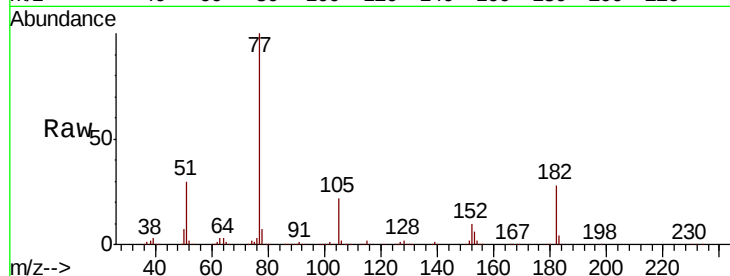




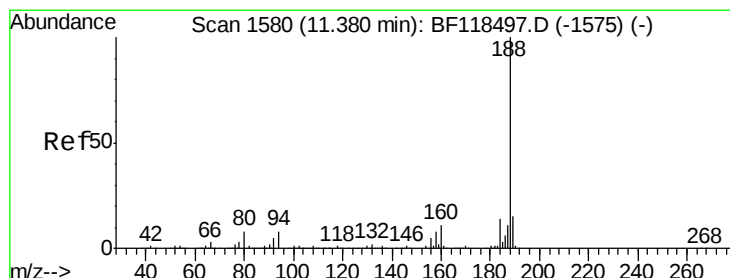
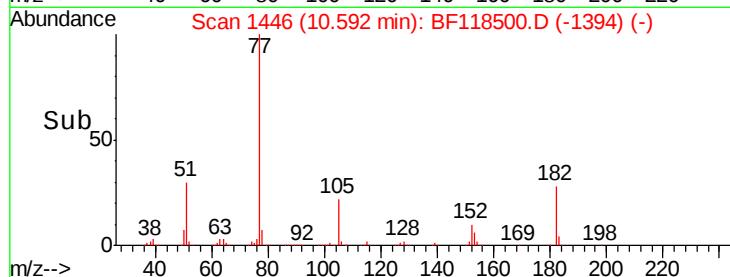
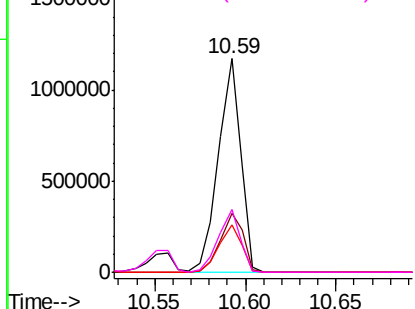
#63
Azobenzene
Concen: 74.919 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1007212
Ion Ratio Lower Upper
77 100
182 27.5 5.2 45.2
105 22.3 1.7 41.7
51 29.6 11.2 51.2

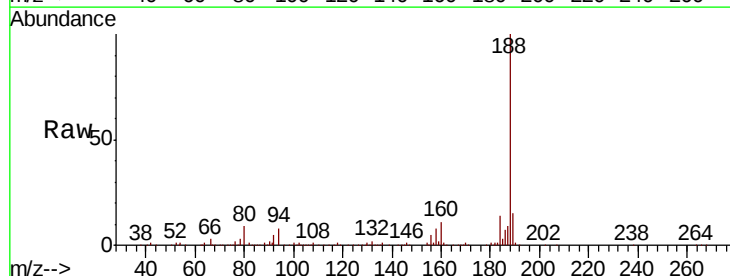


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

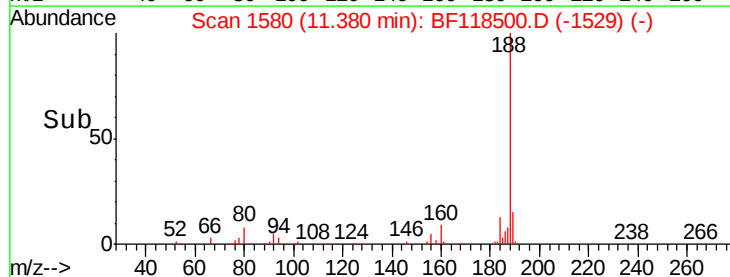
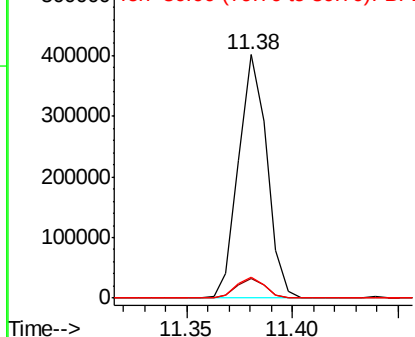


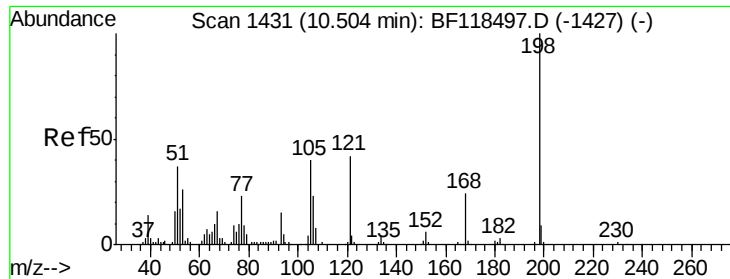
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion: 188 Resp: 372850
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.4
80 8.9 6.6 10.0



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: 80.901 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampleId :

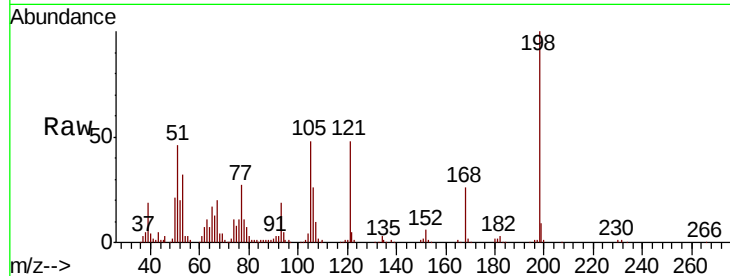
Tot Ion:198 Resp: 172628

Ion Ratio Lower Upper

198 100

51 45.7 17.8 57.8

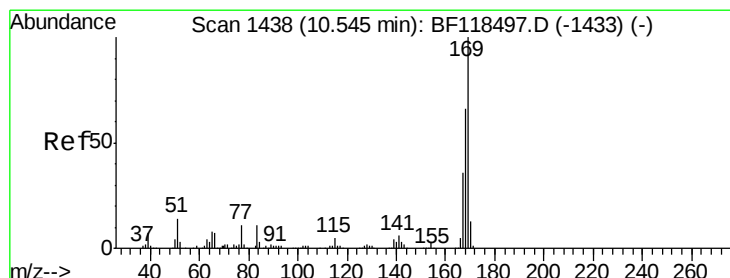
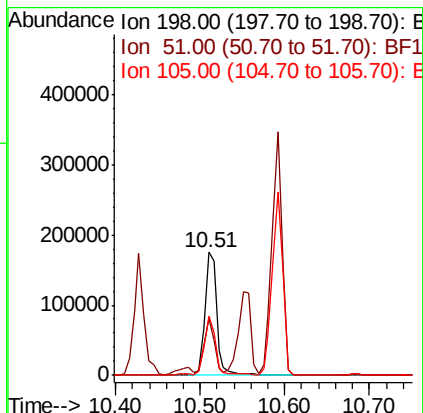
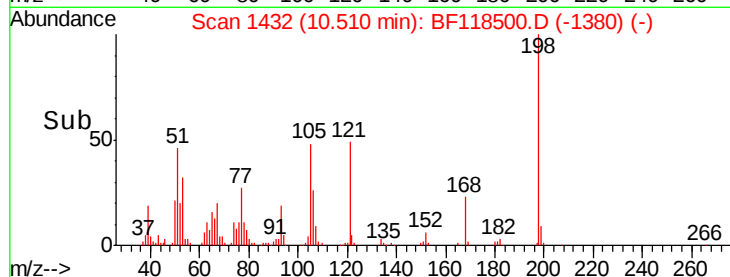
105 48.1 20.1 60.1



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: 73.500 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

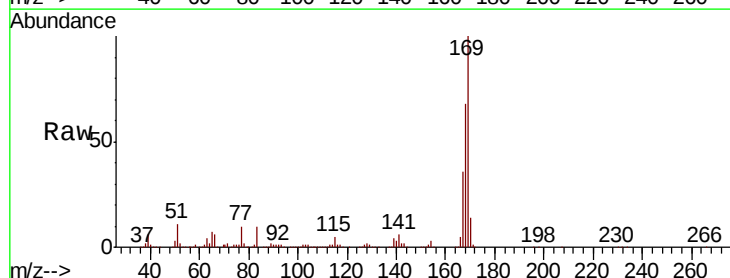
Tgt Ion:169 Resp: 938377

Ion Ratio Lower Upper

169 100

168 67.6 53.4 80.2

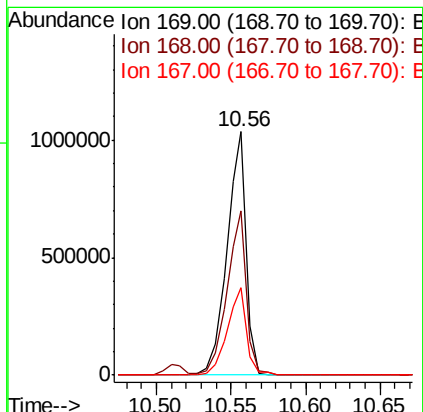
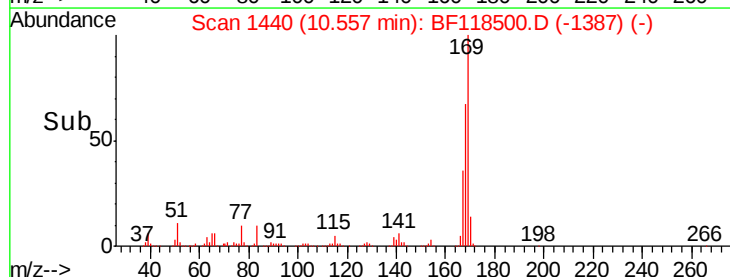
167 35.9 28.9 43.3

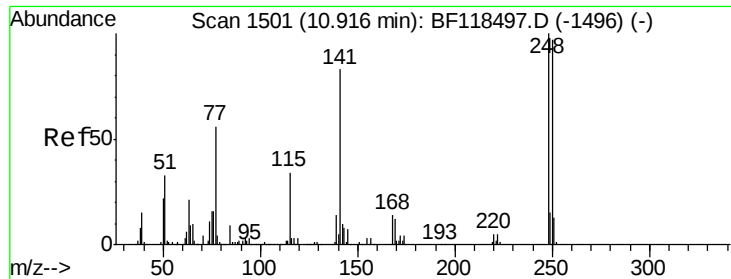


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

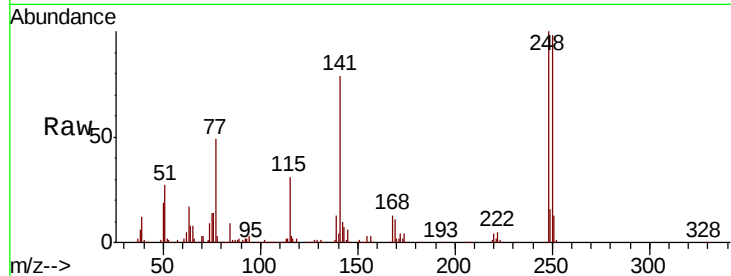




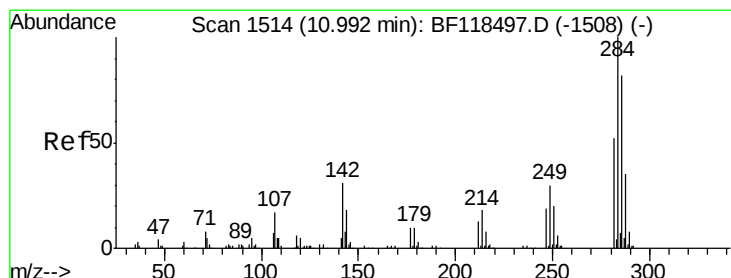
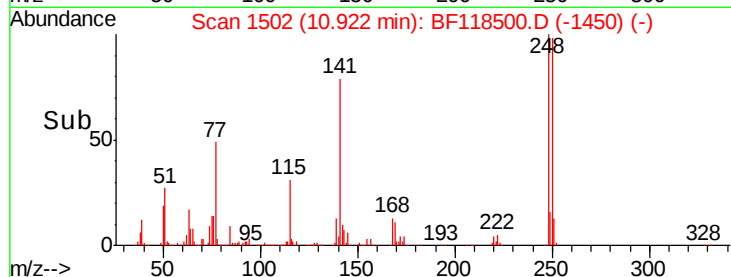
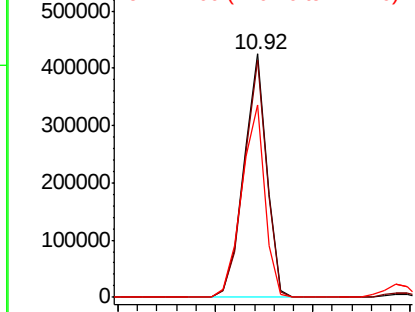
#67
4-Bromophenyl-phenylether
Concen: 73.180 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 345936
Ion Ratio Lower Upper
248 100
250 97.5 77.4 116.0
141 79.2 66.2 99.4

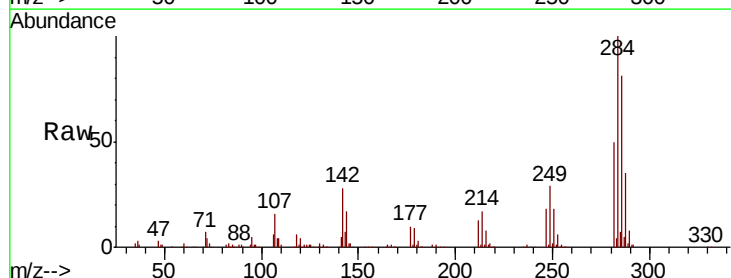


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

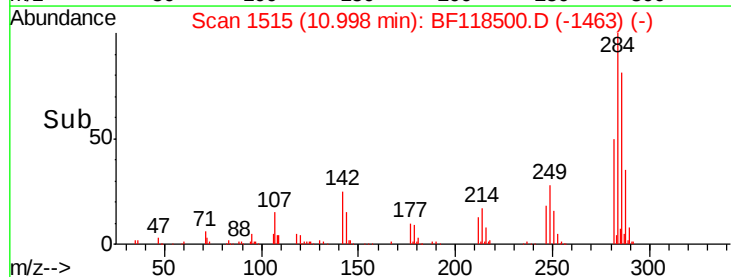
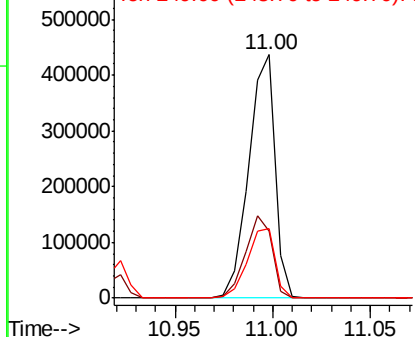


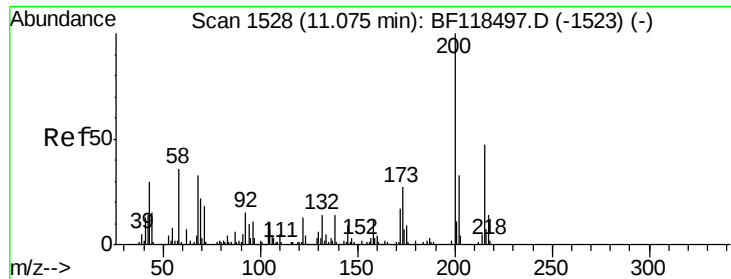
#68
Hexachlorobenzene
Concen: 72.507 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion:284 Resp: 407800
Ion Ratio Lower Upper
284 100
142 27.6 24.6 37.0
249 28.8 24.0 36.0



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

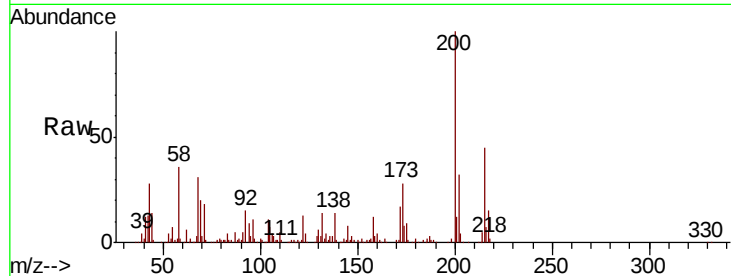




#69
Atrazine
Concen: 52.907 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.0	47.0
215	45.2	27.0	67.0

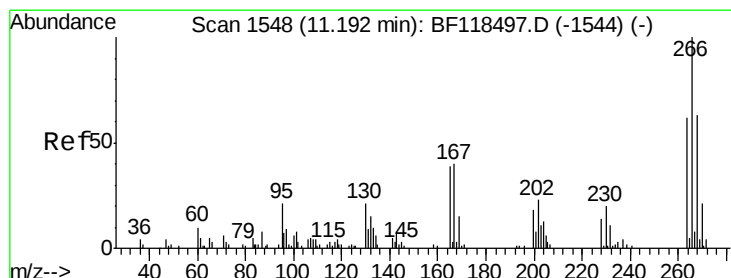
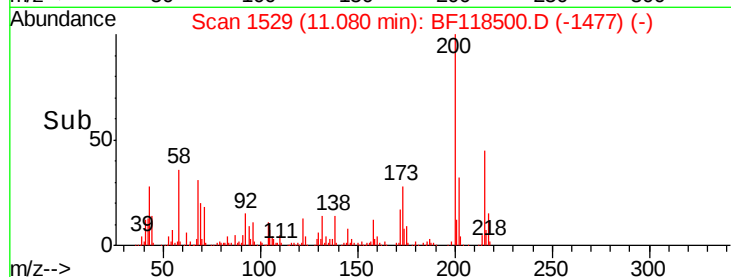
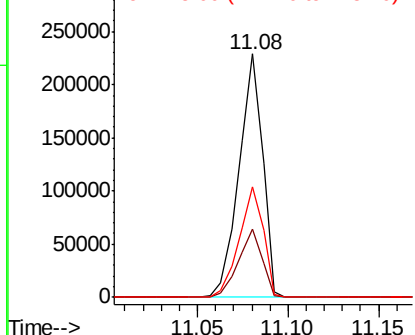


Abundance

Ion 200.00 (199.70 to 200.70): E

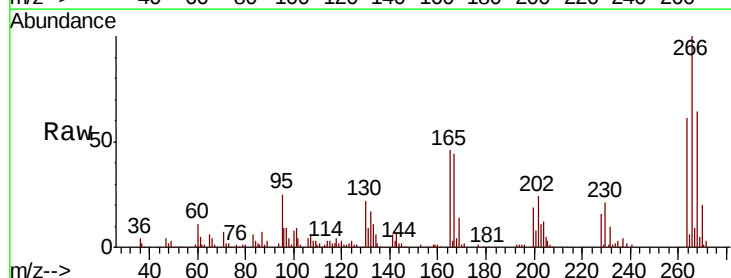
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 80.805 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.2	75.2
264	61.4	49.4	74.0

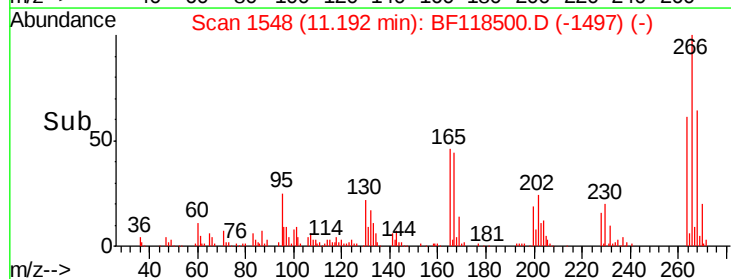
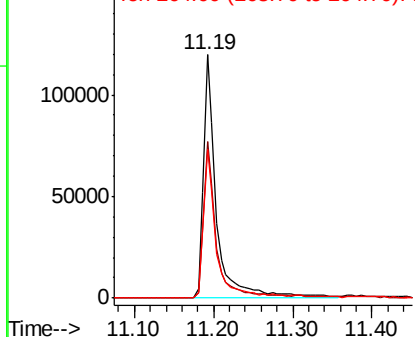


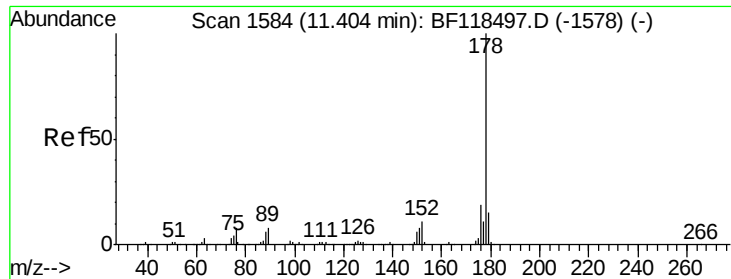
Abundance

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

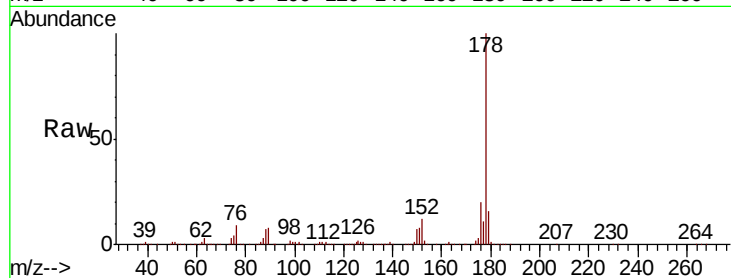




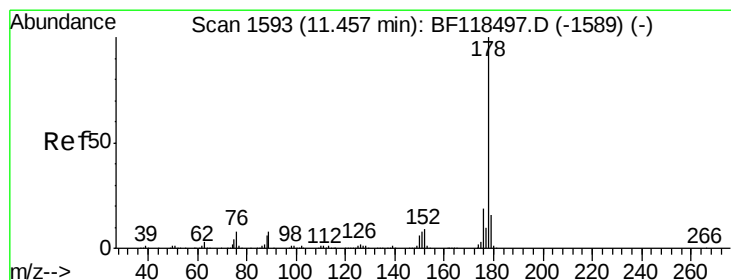
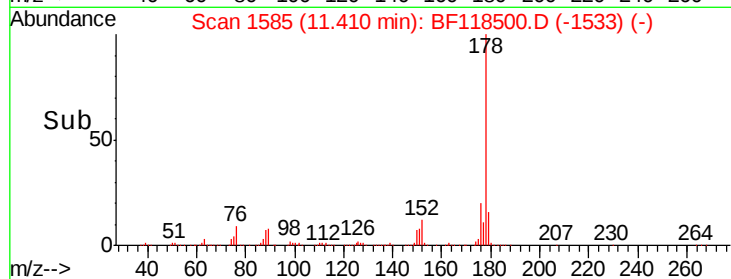
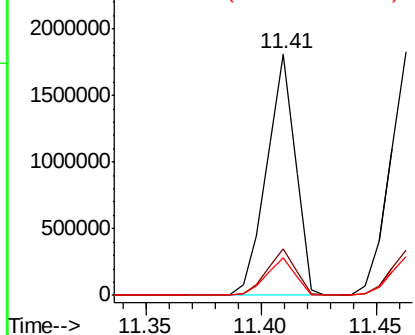
#71
Phenanthrene
Concen: 76.757 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1579321
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.7 12.3 18.5

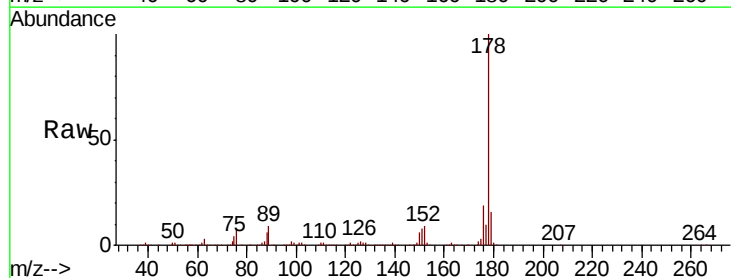


Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

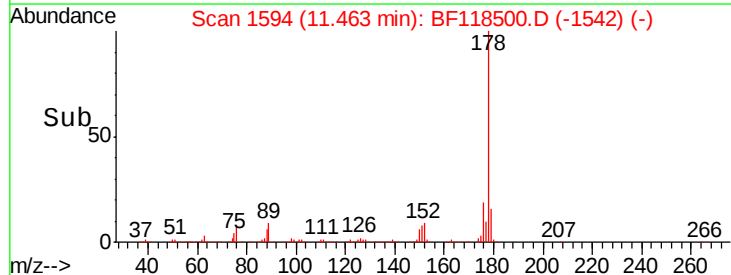
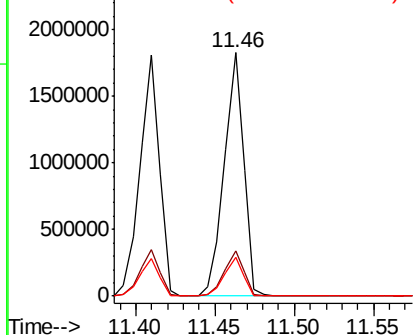


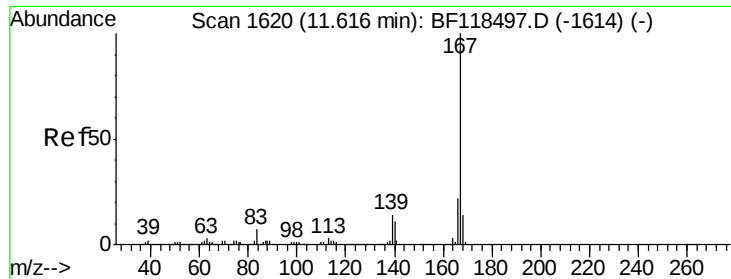
#72
Anthracene
Concen: 74.701 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion:178 Resp: 1555823
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 16.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



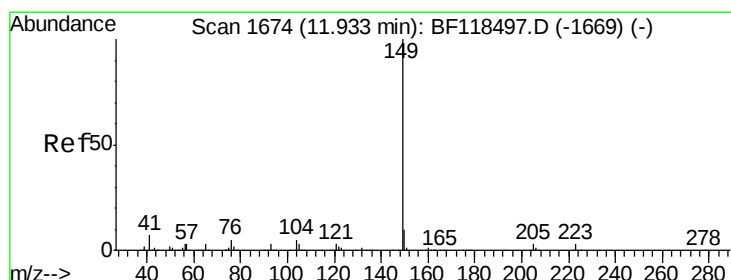
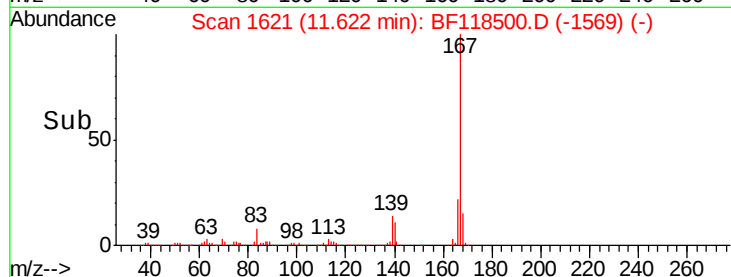
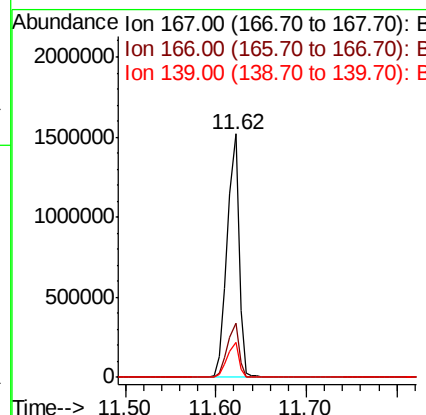
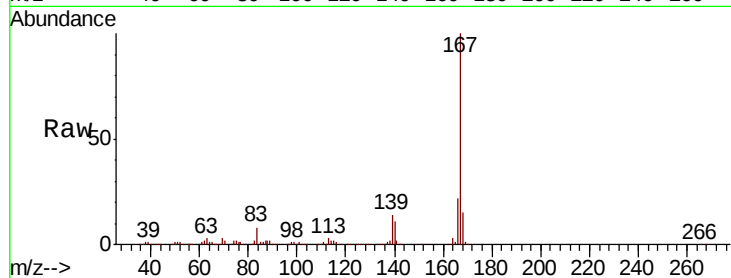


#73
 Carbazole
 Concen: 71.000 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1355885

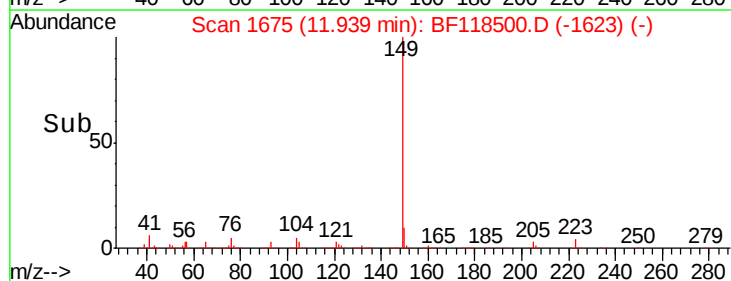
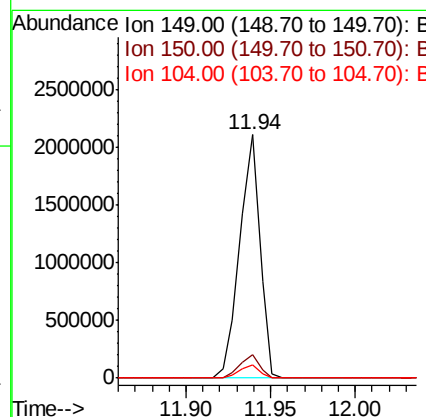
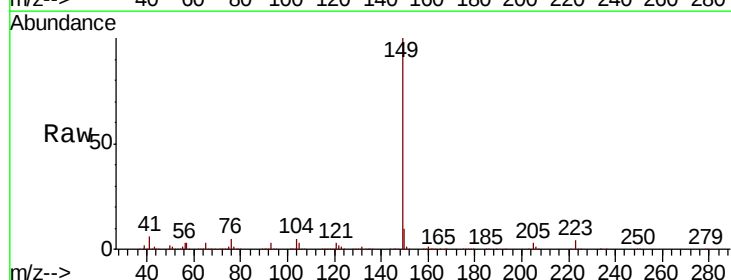
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.2
139	14.4	10.9	16.3

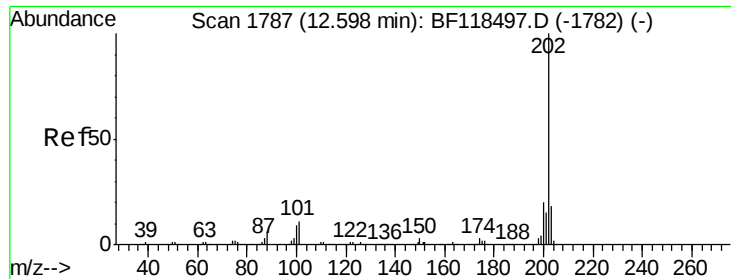


#74
 Di-n-butylphthalate
 Concen: 70.501 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.01 min
 Lab File: BF118500.D
 Acq: 8 Jan 2020 14:09

Tgt Ion:149 Resp: 1765728

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	5.3	4.2	6.4





#75

Fluoranthene

Concen: 73.385 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampleId :

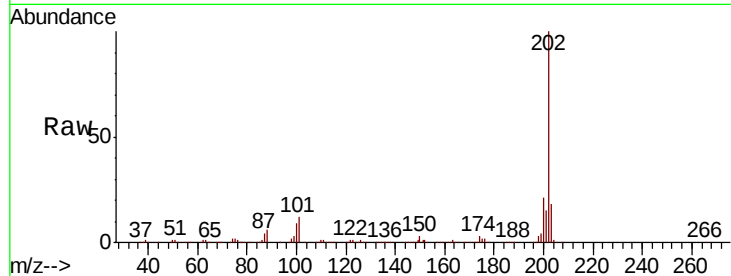
Tot Ion:202 Resp: 1590878

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.4

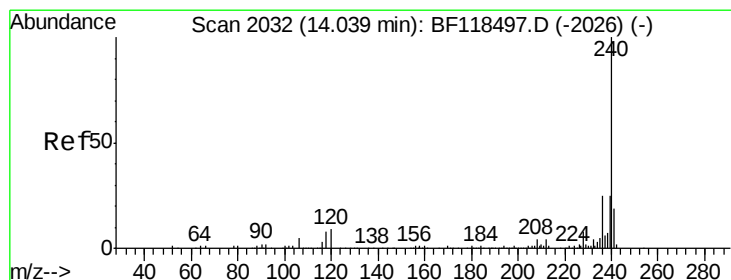
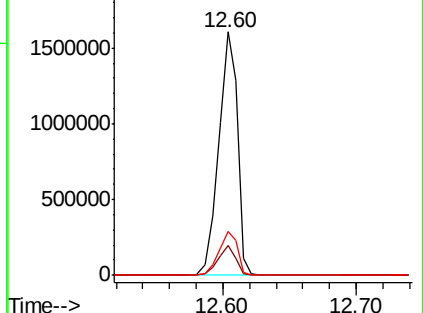
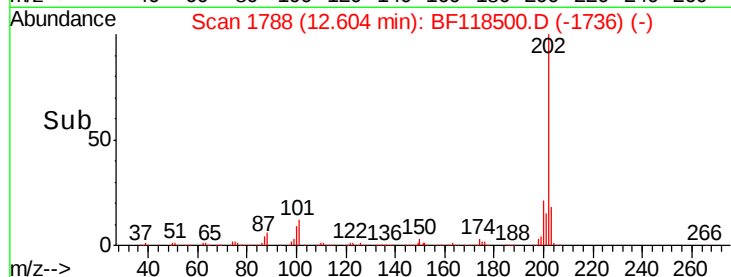
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

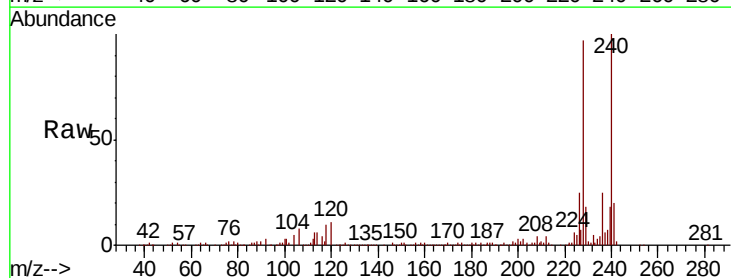
Tgt Ion:240 Resp: 227411

Ion Ratio Lower Upper

240 100

120 11.2 7.0 10.6#

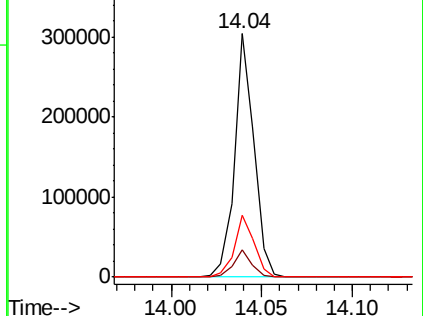
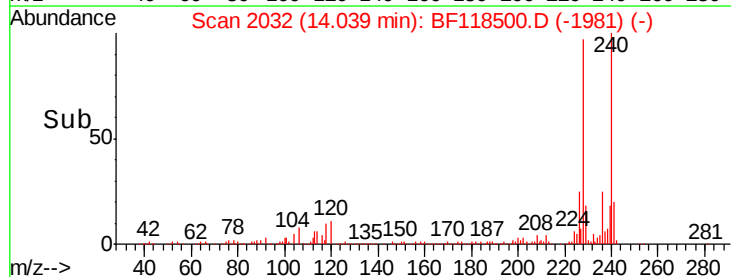
236 25.3 20.1 30.1

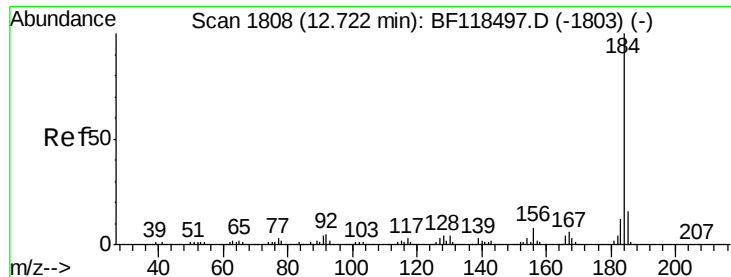


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 68.895 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampled :

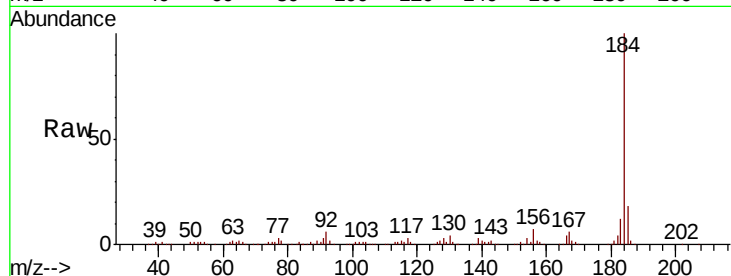
Tot Ion:184 Resp: 442849

Ion Ratio Lower Upper

184 100

185 18.0 12.6 18.8

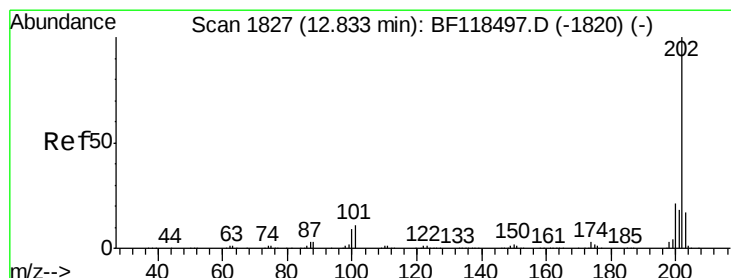
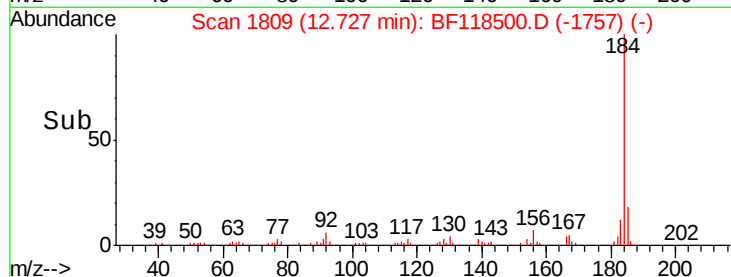
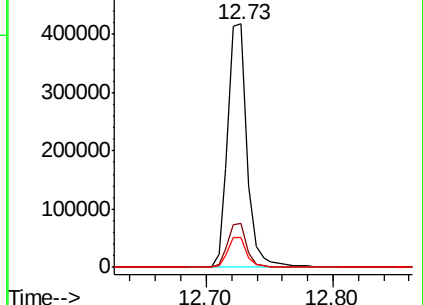
183 12.1 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 77.856 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

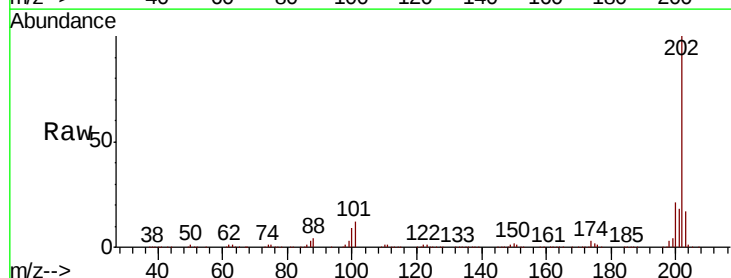
Tgt Ion:202 Resp: 1529131

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

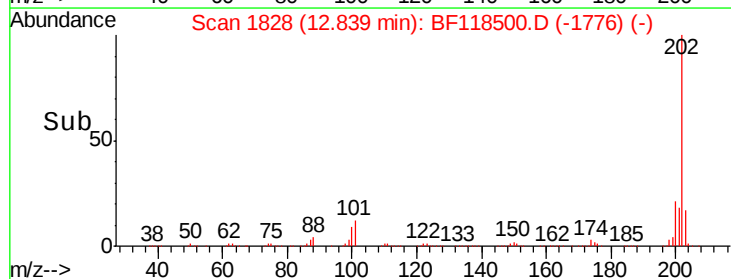
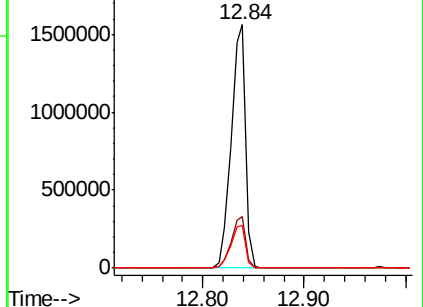
203 17.4 13.9 20.9

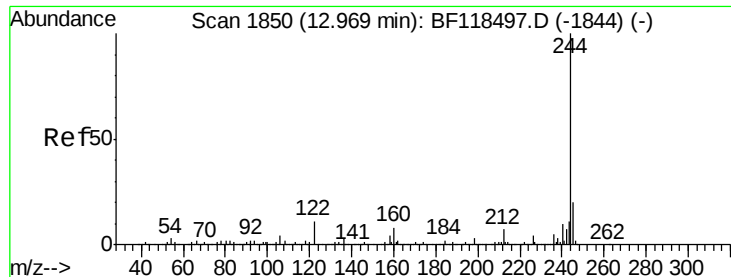


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 153.726 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampled :

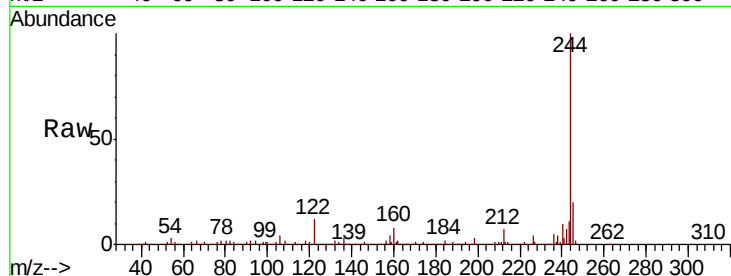
Tot Ion:244 Resp: 2282305

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

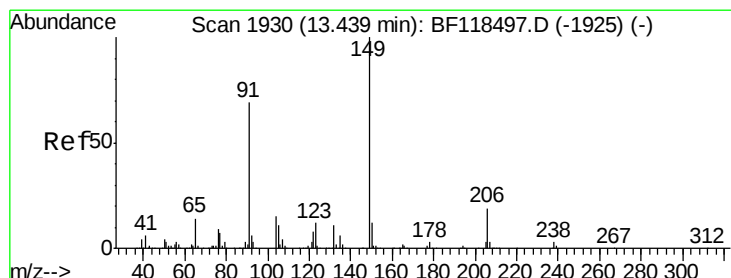
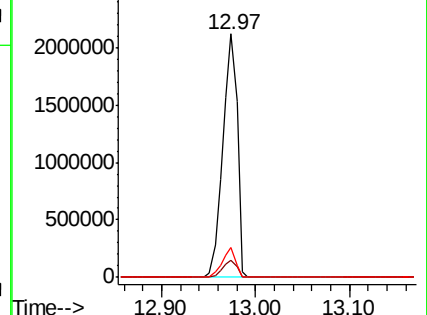
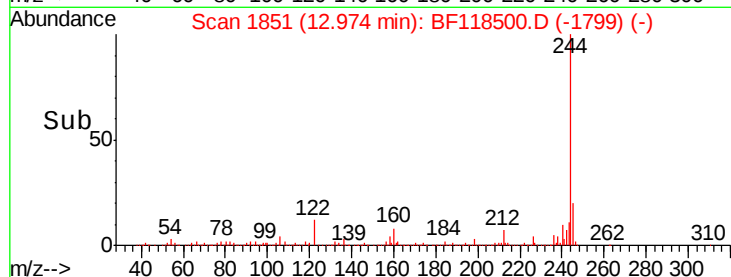
122 12.5 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 79.268 ng

RT: 13.45 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

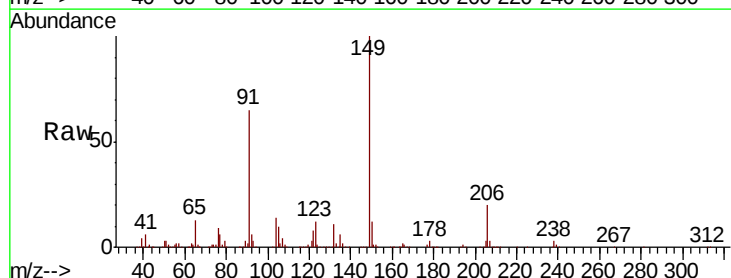
Tgt Ion:149 Resp: 685905

Ion Ratio Lower Upper

149 100

91 65.2 55.2 82.8

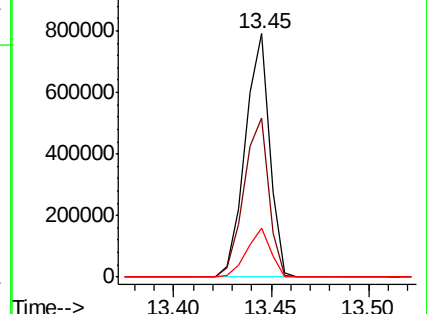
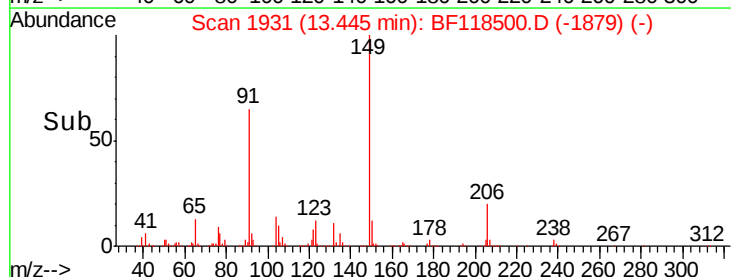
206 20.1 15.1 22.7

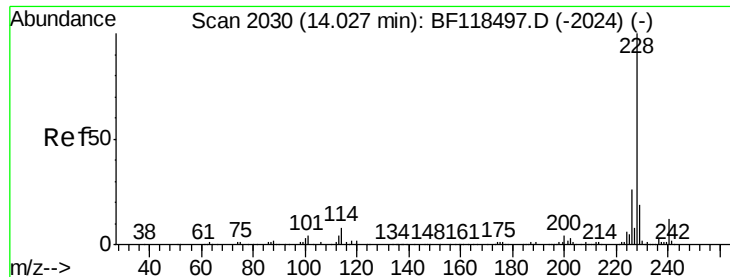


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 76.900 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampleId :

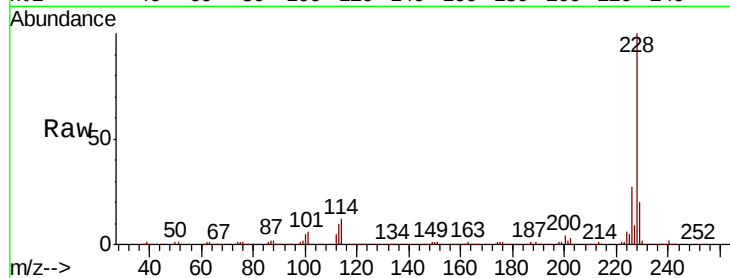
Tot Ion:228 Resp: 1244237

Ion	Ratio	Lower	Upper
228	100		
226	27.1	20.7	31.1
229	20.5	15.4	23.2

228 100

226 27.1 20.7 31.1

229 20.5 15.4 23.2

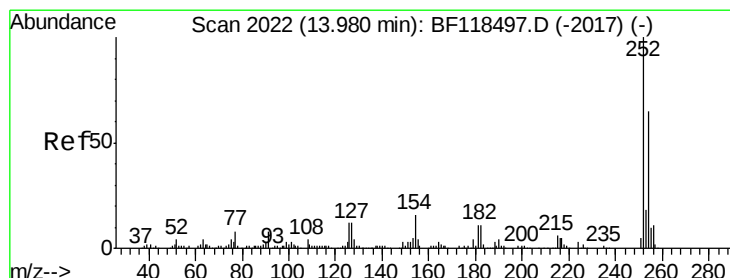
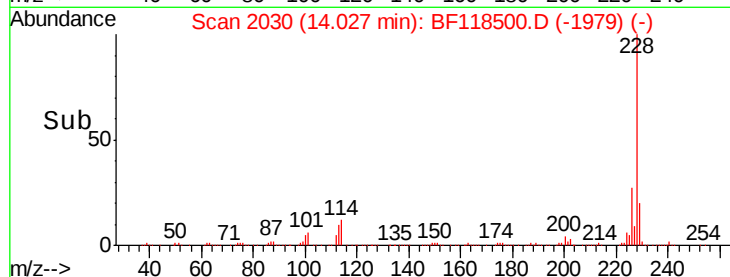
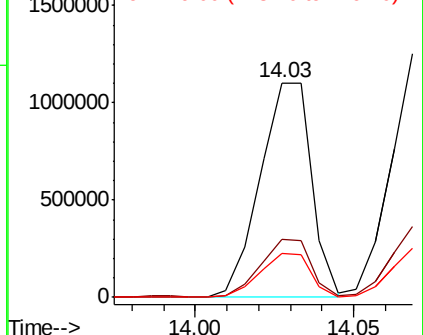


Abundance

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: 79.979 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

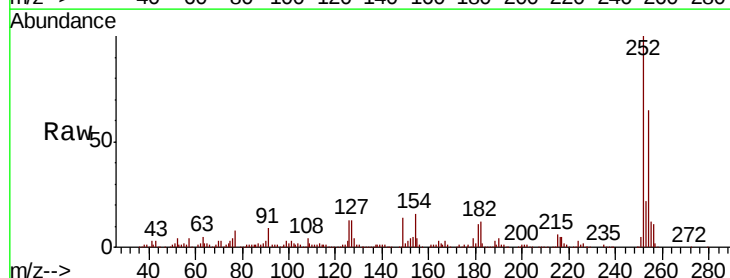
Tgt Ion:252 Resp: 410539

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.1	78.1
126	13.0	9.6	14.4

252 100

254 64.9 52.1 78.1

126 13.0 9.6 14.4

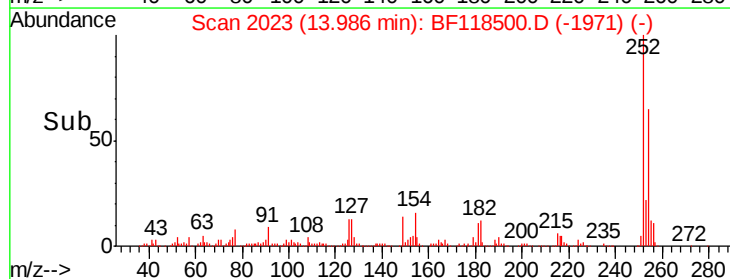
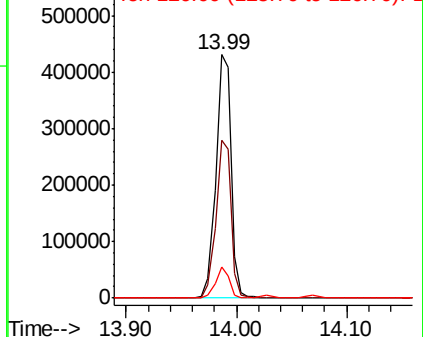


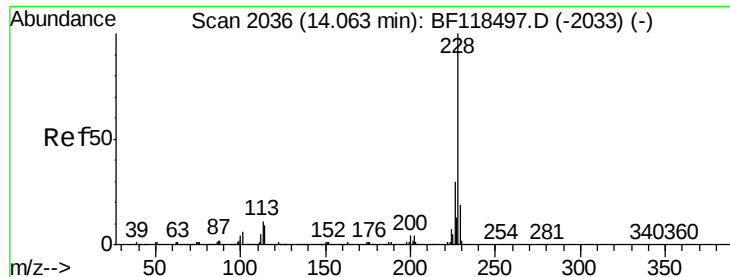
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 77.265 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Instrument :

BNA_F

ClientSampleId :

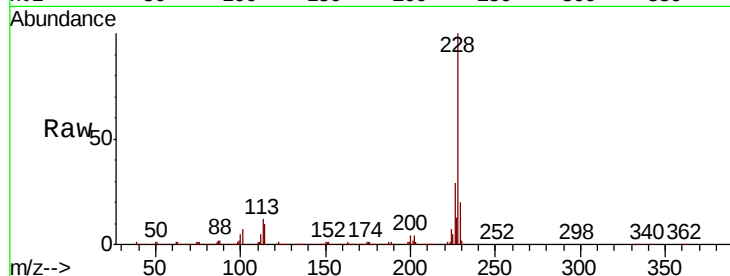
Tot Ion:228 Resp: 1198488

Ion Ratio Lower Upper

228 100

226 29.2 23.6 35.4

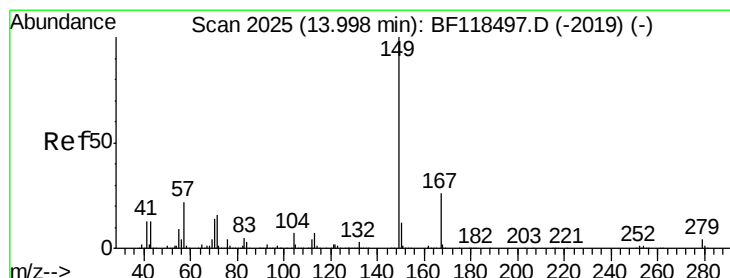
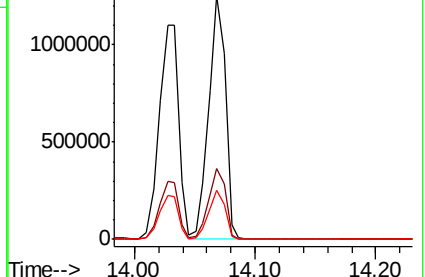
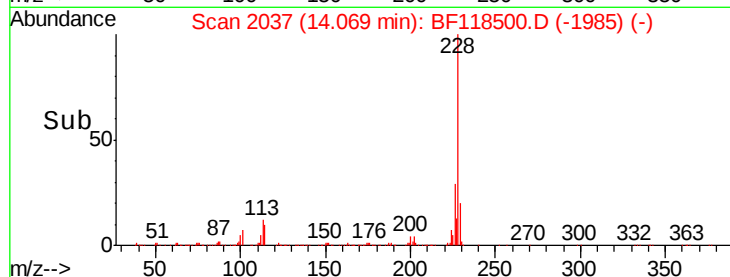
229 20.1 15.6 23.4



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: 86.476 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

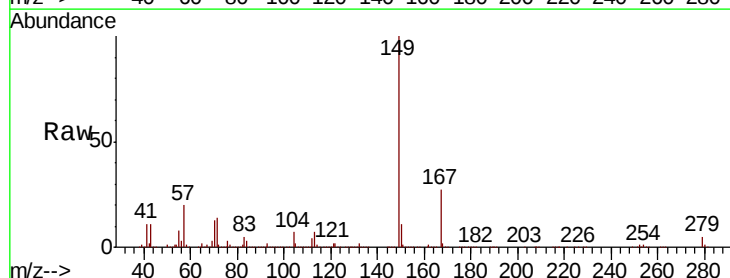
Tgt Ion:149 Resp: 936252

Ion Ratio Lower Upper

149 100

167 26.7 20.6 30.8

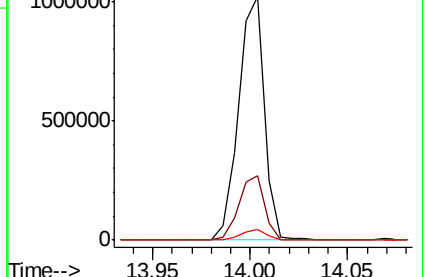
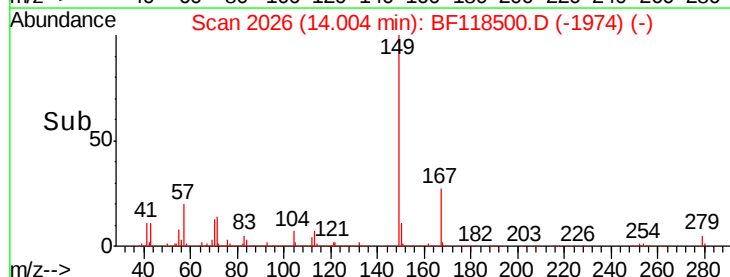
279 4.5 3.1 4.7

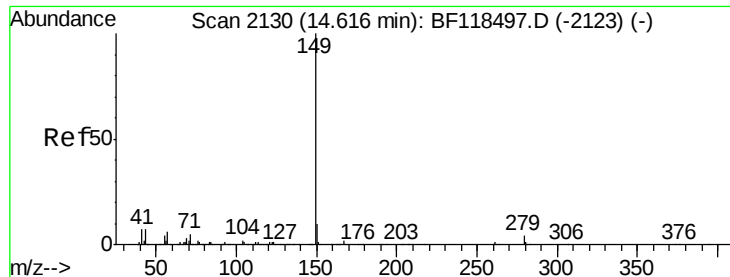


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 78.719 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

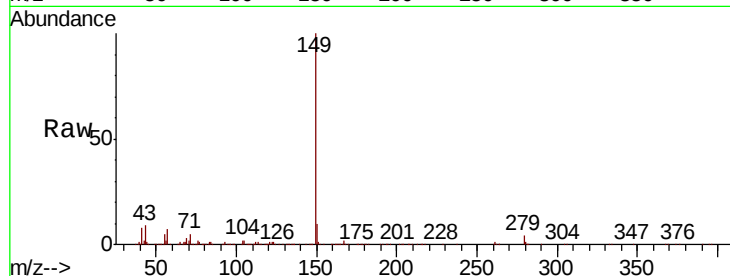
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1311508

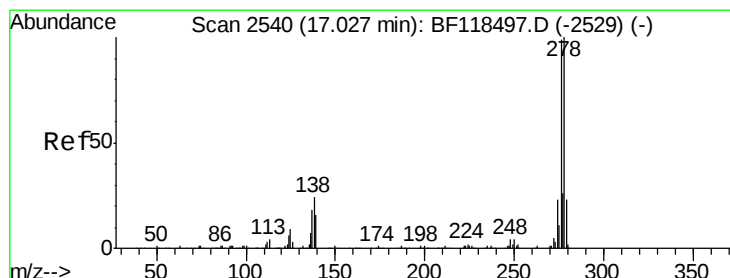
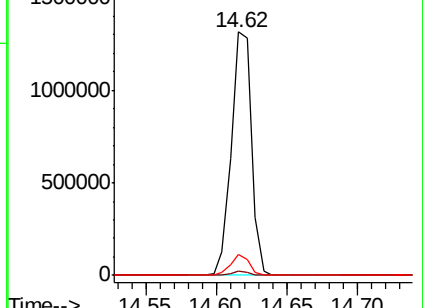
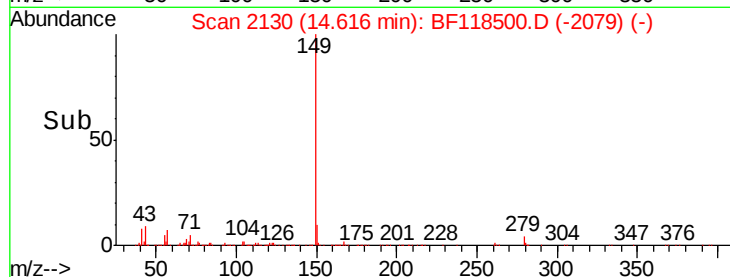
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.1	6.4	9.6



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: 104.917 ng

RT: 17.04 min Scan# 2542

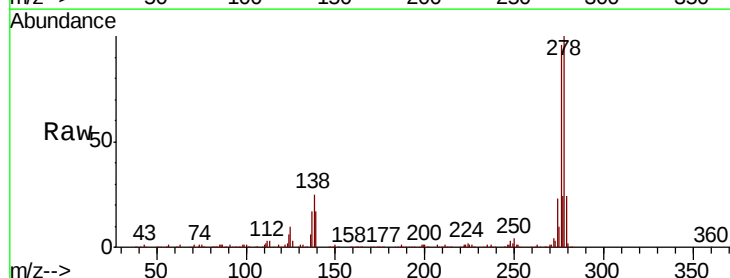
Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Tgt Ion:276 Resp: 1162679

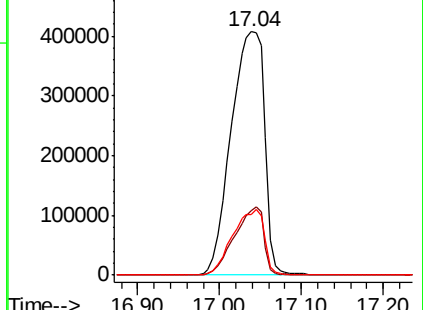
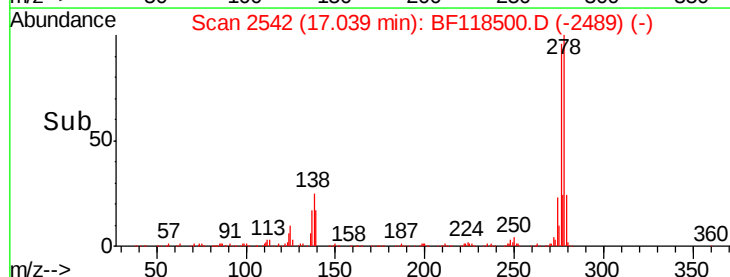
Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.0	28.4
277	25.4	20.5	30.7

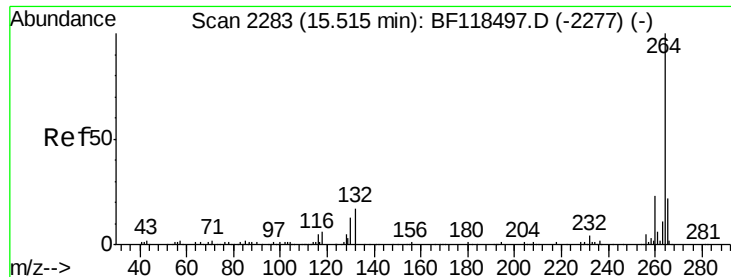


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

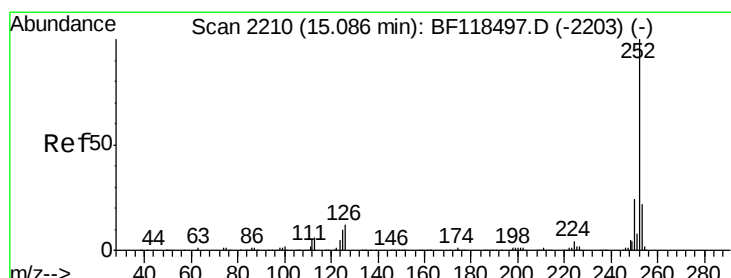
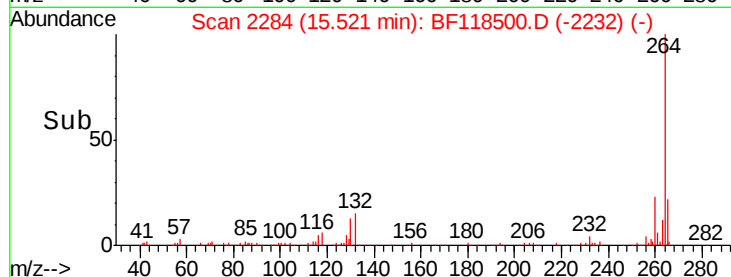
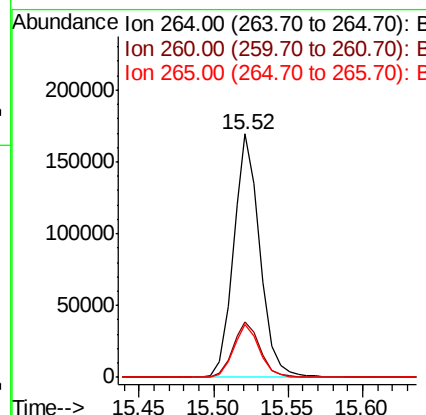
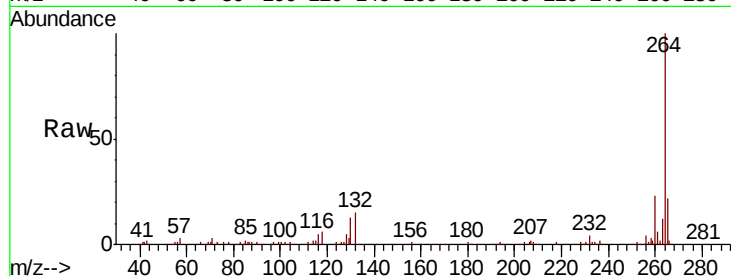




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

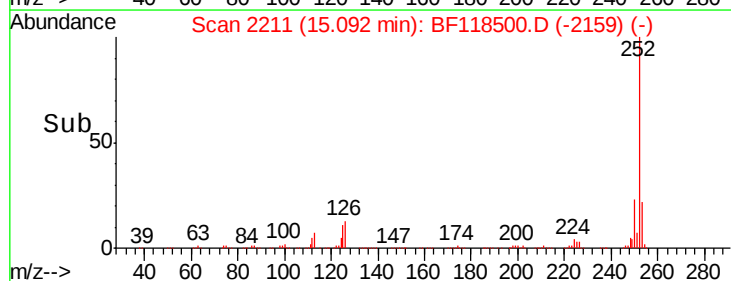
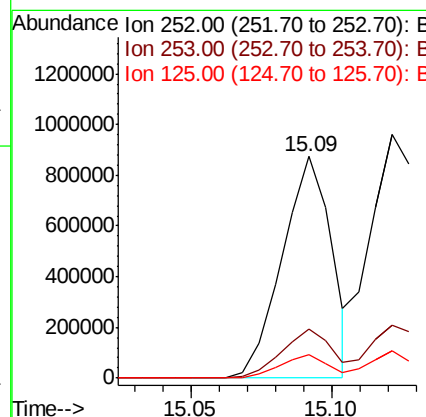
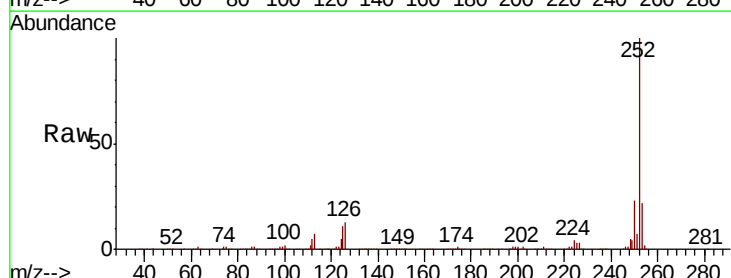
Instrument :
BNA_F
ClientSampleId :

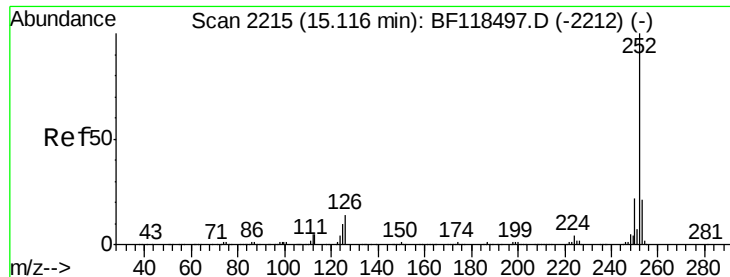
Tot Ion:264 Resp: 208475
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 21.9 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 73.246 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion:252 Resp: 1062166
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.7 7.8 11.6

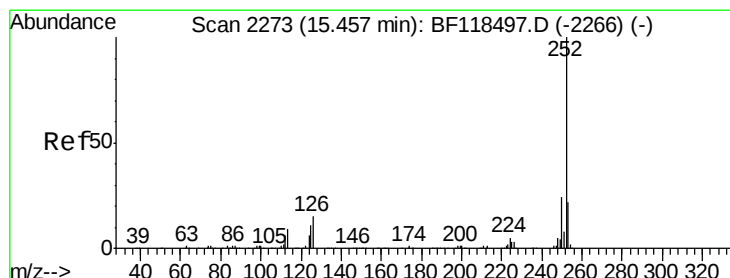
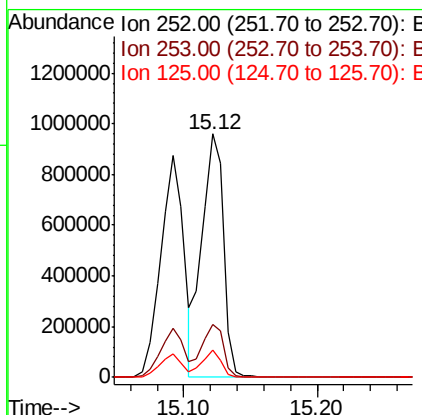
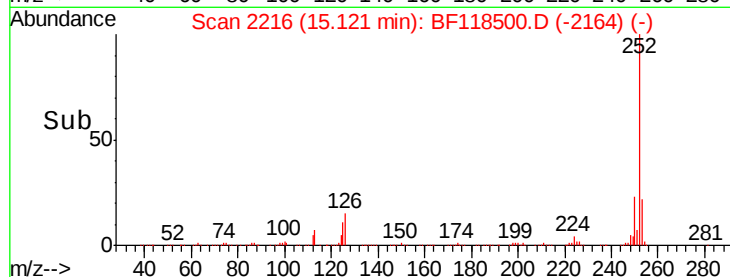
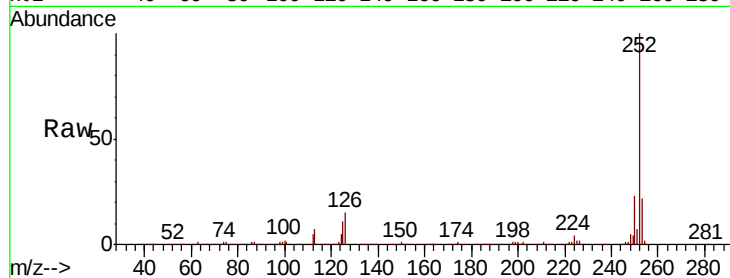




#89
Benzo(k)fluoranthene
Concen: 75.279 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

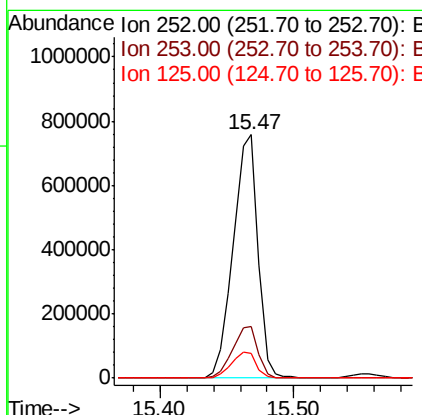
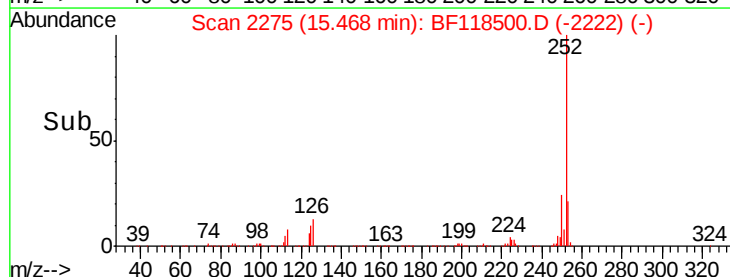
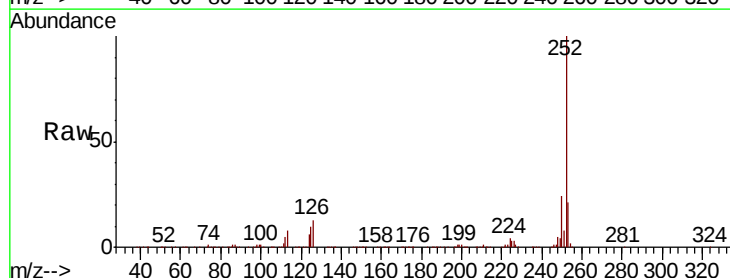
Instrument :
BNA_F
ClientSampleId :

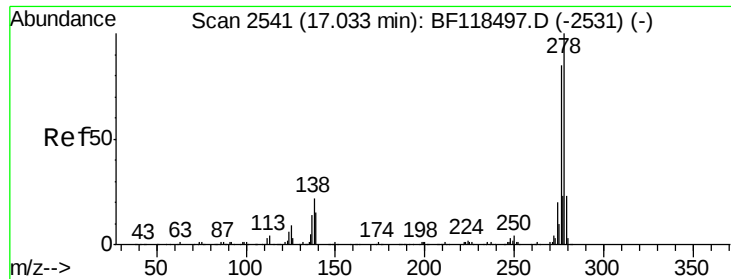
Tot Ion:252 Resp: 1074375
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 11.1 7.8 11.6



#90
Benzo(a)pyrene
Concen: 74.521 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF118500.D
Acq: 8 Jan 2020 14:09

Tgt Ion:252 Resp: 985290
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 10.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 92.142 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

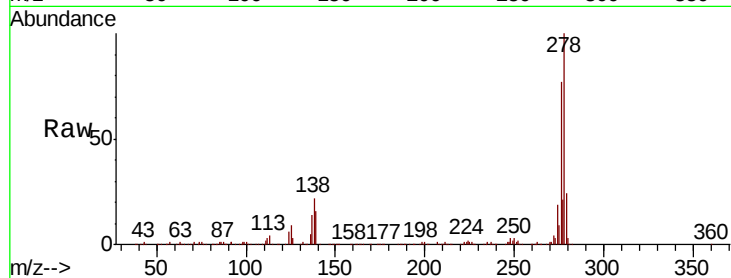
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 950035

Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.9	17.9
279	24.1	18.6	27.8

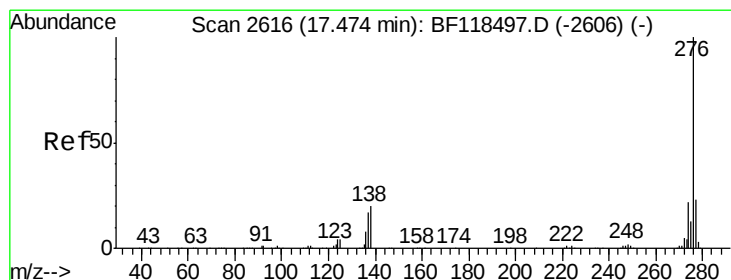
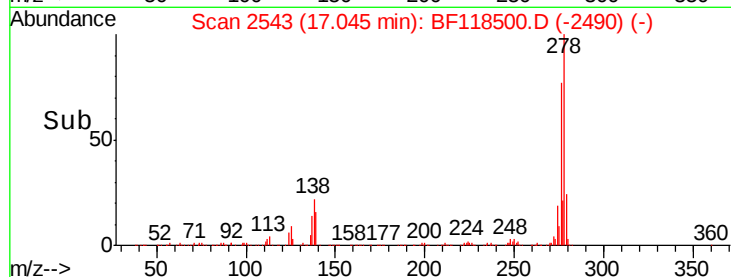
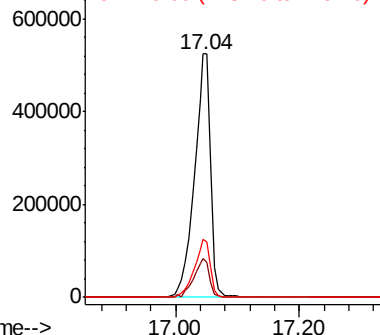


Abundance

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: 85.729 ng

RT: 17.49 min Scan# 2619

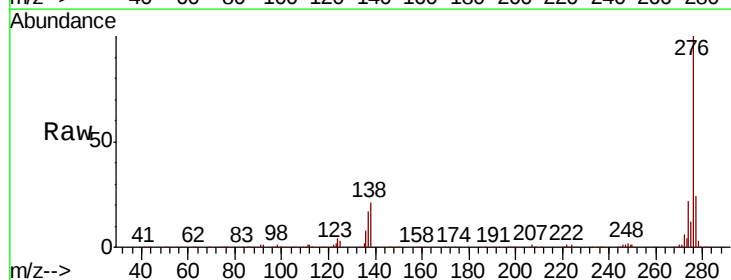
Delta R.T. 0.02 min

Lab File: BF118500.D

Acq: 8 Jan 2020 14:09

Tgt Ion:276 Resp: 916912

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.2	27.4
138	21.3	16.3	24.5



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

