

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BF118532.D
 Acq On : 13 Jan 2020 14:42
 Operator : JU
 Sample : STDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 14 10:25:55 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 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	92640	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	402948	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	217184	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	428799	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	276715	20.00	ng	-0.02
87) Perylene-d12	15.49	264	249986	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	492382	87.74	ng	-0.01
7) Phenol-d6	6.46	99	684333	101.99	ng	-0.01
23) Nitrobenzene-d5	7.39	82	617223	80.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	225319	87.92	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1277181	84.34	ng	-0.02
79) Terphenyl-d14	12.94	244	1599294	91.59	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	77491	41.418	ng	99
3) Pyridine	3.28	79	228753	45.422	ng	98
4) n-Nitrosodimethylamine	3.25	42	121794	48.260	ng	89
6) Aniline	6.49	93	429941	51.537	ng	97
8) 2-Chlorophenol	6.61	128	304386	49.608	ng	99
9) Benzaldehyde	6.37	77	170644	45.685	ng	99
10) Phenol	6.47	94	385581	51.862	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	261260	49.290	ng	98
12) 1,3-Dichlorobenzene	6.76	146	321452	44.815	ng	97
13) 1,4-Dichlorobenzene	6.83	146	334933	45.764	ng	96
14) 1,2-Dichlorobenzene	6.99	146	310111	43.848	ng	99
15) Benzyl Alcohol	6.97	79	246554	45.301	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	268619	45.684	ng	83
17) 2-Methylphenol	7.09	107	228163	45.247	ng	94
18) Hexachloroethane	7.33	117	127017	45.803	ng	94
19) n-Nitroso-di-n-propylamine	7.24	70	204105	47.231	ng	99
20) 3+4-Methylphenols	7.24	107	308957	45.168	ng	95
22) Acetophenone	7.24	105	432149	42.310	ng	97
24) Nitrobenzene	7.41	77	297039	38.944	ng	98
25) Isophorone	7.65	82	515810	41.975	ng	99
26) 2-Nitrophenol	7.73	139	159940	42.471	ng	97
27) 2,4-Dimethylphenol	7.76	122	212324	41.925	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	340804	42.184	ng	100
29) 2,4-Dichlorophenol	7.97	162	250286	42.327	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	301555	43.908	ng	99
31) Naphthalene	8.13	128	920095	43.653	ng	99
32) Benzoic acid	7.93	122	134920	39.943	ng	96
33) 4-Chloroaniline	8.18	127	394729	45.490	ng	97
34) Hexachlorobutadiene	8.24	225	183803	43.599	ng	98
35) Caprolactam	8.57	113	61473	34.512	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	258707	40.696	ng	98
37) 2-Methylnaphthalene	8.82	142	593031	40.996	ng	98
38) 1-Methylnaphthalene	8.92	142	559671	41.207	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	280326	42.009	ng	100

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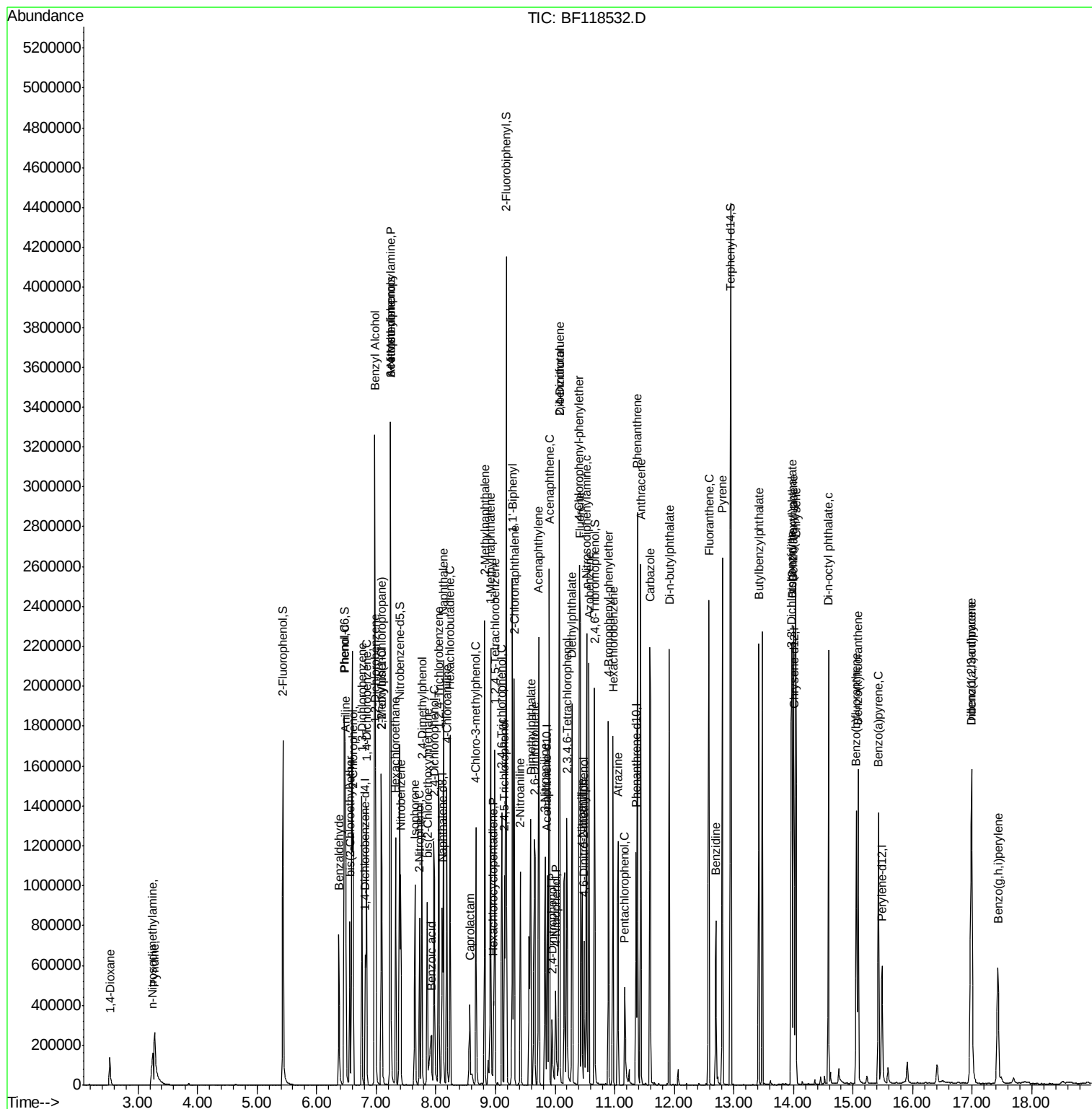
Instrument :
 BNA_F
 ClientSampleId :

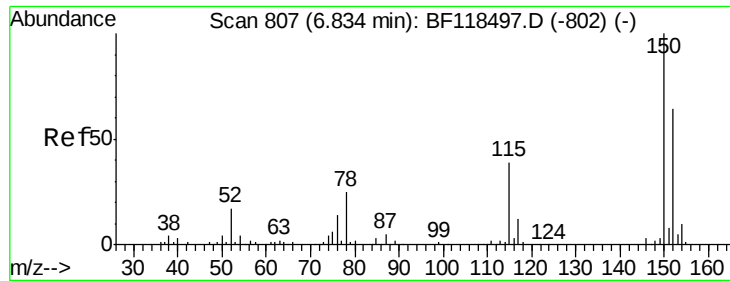
Quant Time: Jan 14 10:25:55 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	47711	35.445	ng	97
43) 2,4,6-Trichlorophenol	9.10	196	178024	43.172	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	184382	43.209	ng	98
46) 1,1'-Biphenyl	9.29	154	721021	40.631	ng	99
47) 2-Chloronaphthalene	9.32	162	581776	41.422	ng	97
48) 2-Nitroaniline	9.42	65	177878	43.827	ng	95
49) Acenaphthylene	9.73	152	875847	41.892	ng	100
50) Dimethylphthalate	9.59	163	693654	41.613	ng	100
51) 2,6-Dinitrotoluene	9.66	165	152909	42.597	ng	88
52) Acenaphthene	9.90	154	555874	43.539	ng	99
53) 3-Nitroaniline	9.83	138	177308	42.167	ng	93
54) 2,4-Dinitrophenol	9.95	184	57478	39.343	ng	94
55) Dibenzofuran	10.07	168	828619	43.211	ng	98
56) 4-Nitrophenol	10.01	139	90274	44.216	ng	96
57) 2,4-Dinitrotoluene	10.07	165	214497	44.627	ng	93
58) Fluorene	10.42	166	708144	45.944	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	160811	44.563	ng	98
60) Diethylphthalate	10.29	149	747426	44.047	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	348555	45.259	ng	90
62) 4-Nitroaniline	10.46	138	182879	44.418	ng	99
63) Azobenzene	10.57	77	649355	45.032	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	96417	42.535	ng	94
66) n-Nitrosodiphenylamine	10.53	169	613724	43.950	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	201549	40.129	ng	97
68) Hexachlorobenzene	10.97	284	237942	39.672	ng	94
69) Atrazine	11.06	200	139163	33.539	ng	98
70) Pentachlorophenol	11.17	266	78004	41.766	ng	99
71) Phenanthrene	11.39	178	1041864	43.374	ng	100
72) Anthracene	11.44	178	1025718	42.923	ng	100
73) Carbazole	11.59	167	902457	43.595	ng	99
74) Di-n-butylphthalate	11.92	149	1094898	39.646	ng	99
75) Fluoranthene	12.58	202	976910	40.013	ng	97
77) Benzidine	12.70	184	308759	47.640	ng	100
78) Pyrene	12.81	202	1040590	45.706	ng	100
80) Butylbenzylphthalate	13.42	149	488376	46.840	ng	100
81) Benzo(a)anthracene	14.00	228	842265	43.486	ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	279554	44.385	ng	99
83) Chrysene	14.04	228	814964	43.300	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	606800	42.863	ng	99
85) Di-n-octyl phthalate	14.59	149	992113	48.858	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	724875	47.838	ng	100
88) Benzo(b)fluoranthene	15.06	252	622047	34.417	ng	99
89) Benzo(k)fluoranthene	15.09	252	622347	36.075	ng	98
90) Benzo(a)pyrene	15.43	252	634347	42.829	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	603726	43.471	ng	99
92) Benzo(g,h,i)perylene	17.43	276	497216	37.785	ng	97

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

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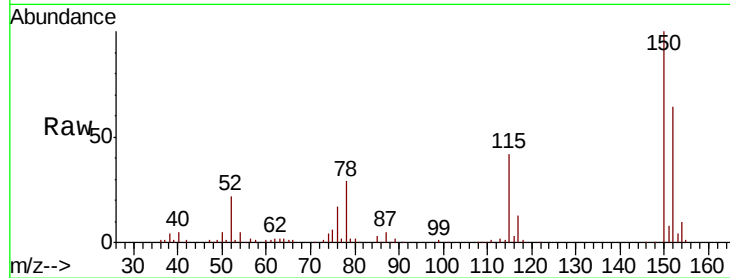


#1

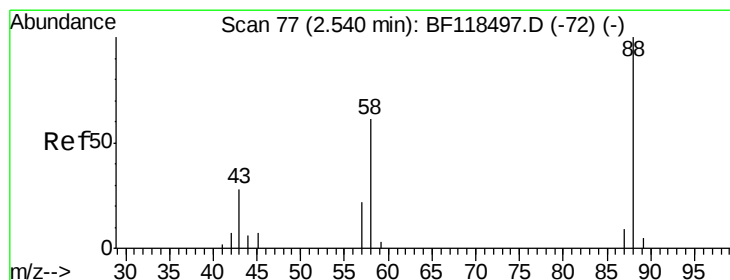
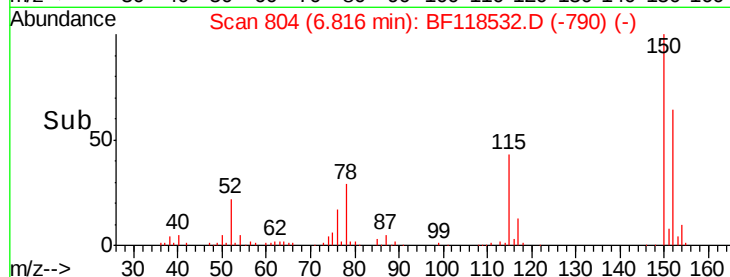
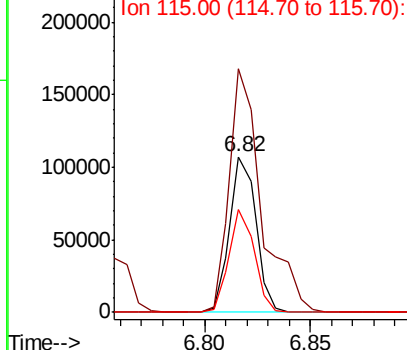
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92640
Ion Ratio Lower Upper
152 100
150 156.7 124.7 187.1
115 66.5 49.0 73.6



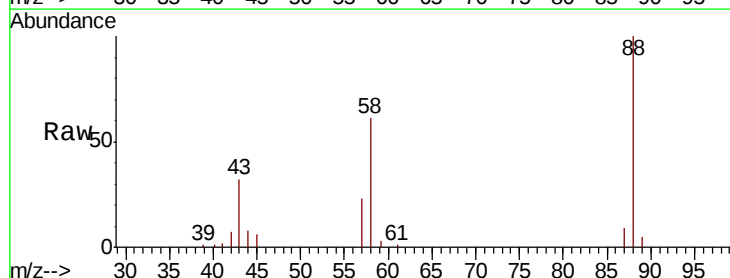
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



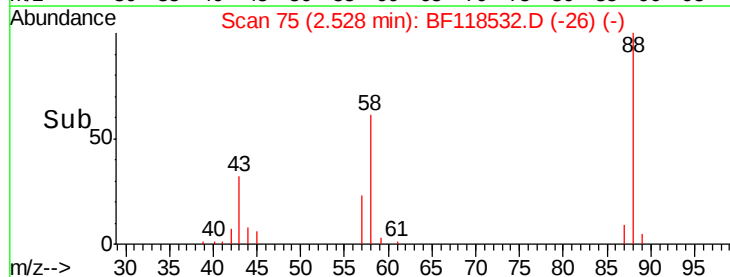
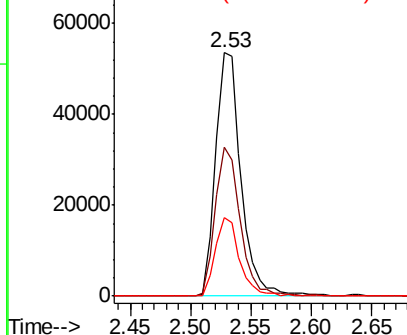
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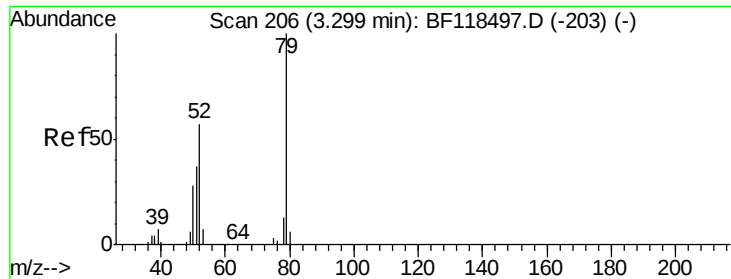
1,4-Dioxane
Concen: 41.418 ng
RT: 2.53 min Scan# 75
Delta R.T. -0.01 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion: 88 Resp: 77491
Ion Ratio Lower Upper
88 100
58 60.2 48.3 72.5
43 30.5 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: 45.422 ng

RT: 3.28 min Scan# 203

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

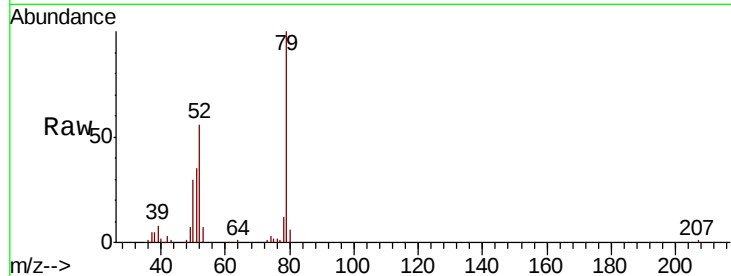
Tot Ion: 79 Resp: 228753

Ion Ratio Lower Upper

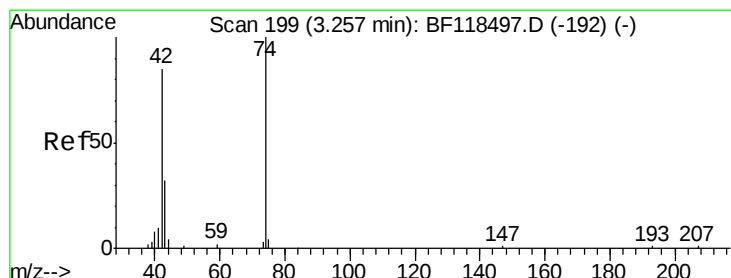
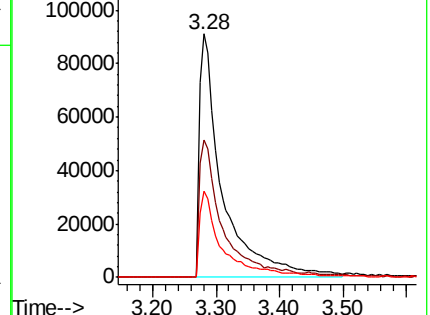
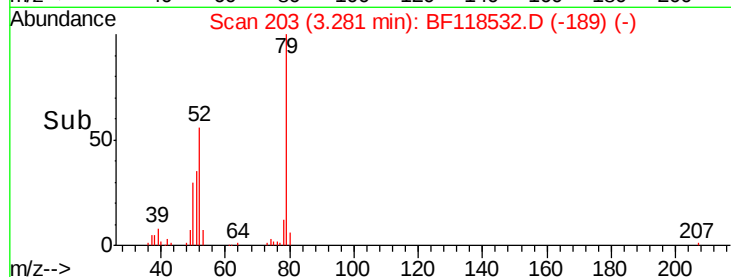
79 100

52 56.3 45.9 68.9

51 35.5 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: 48.260 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.01 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

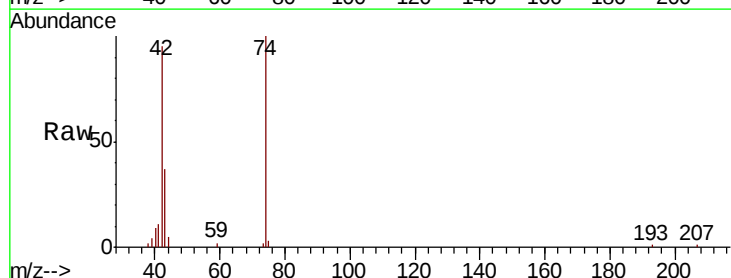
Tgt Ion: 42 Resp: 121794

Ion Ratio Lower Upper

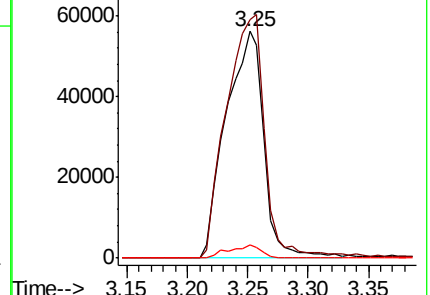
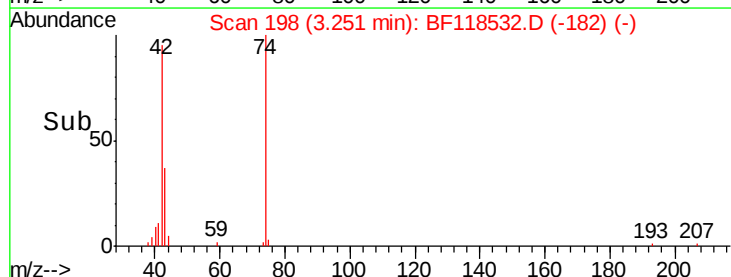
42 100

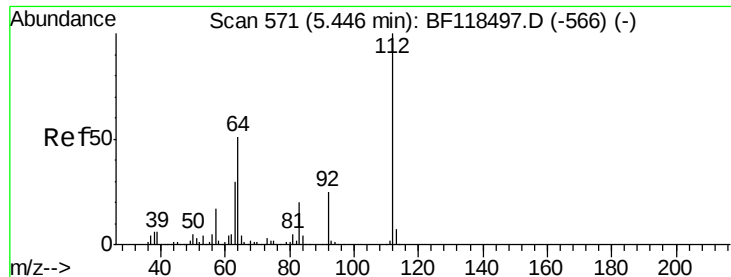
74 105.4 94.1 141.1

44 5.7 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: 87.737 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

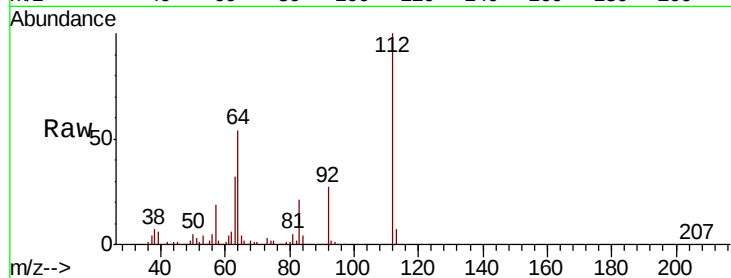
Tot Ion:112 Resp: 492382

Ion Ratio Lower Upper

112 100

64 54.2 41.1 61.7

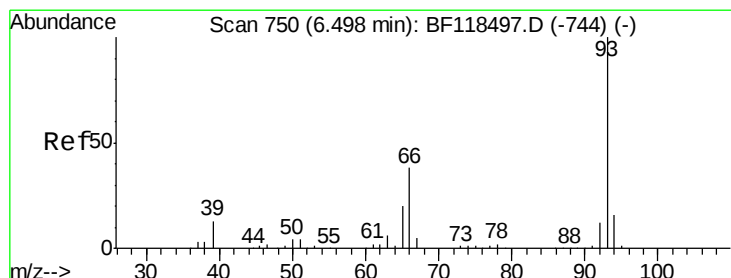
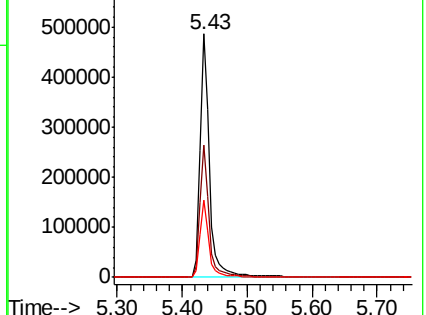
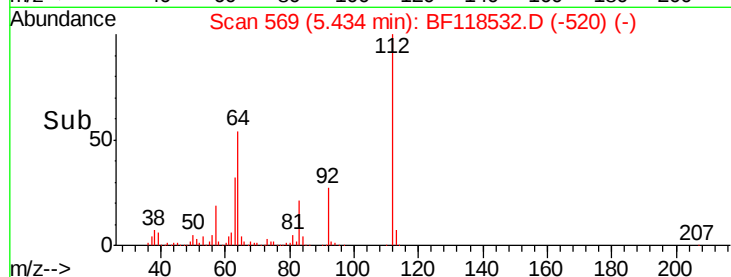
63 31.9 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 51.537 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

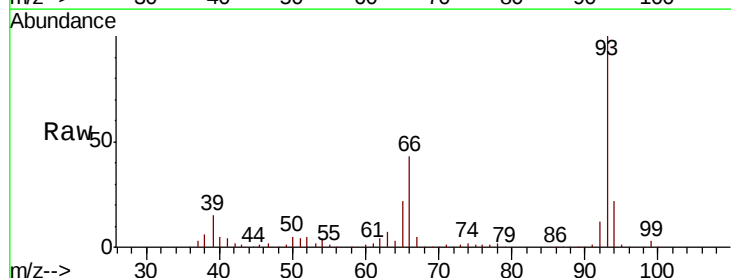
Tgt Ion: 93 Resp: 429941

Ion Ratio Lower Upper

93 100

66 43.5 33.4 50.0

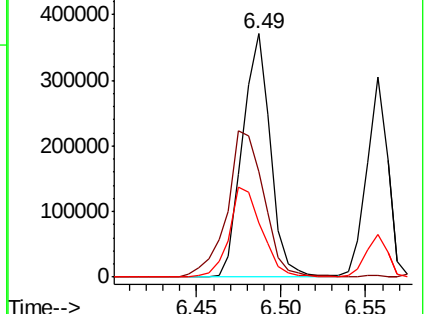
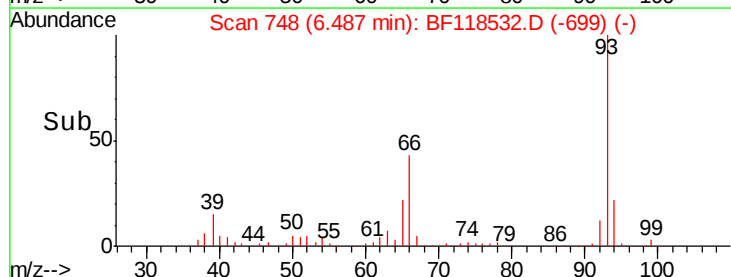
65 22.4 16.7 25.1

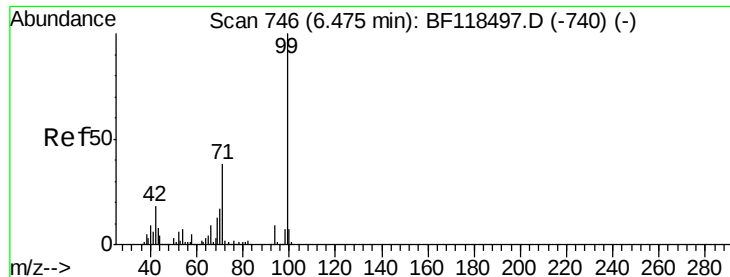


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.995 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

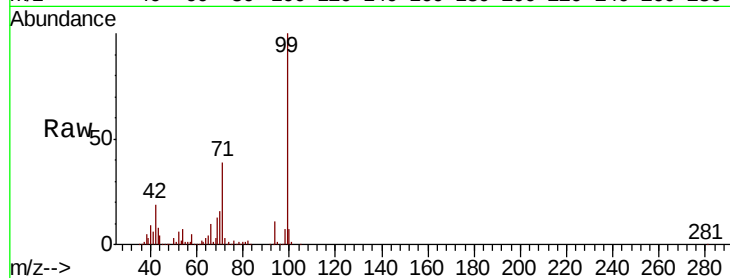
Tot Ion: 99 Resp: 684333

Ion Ratio Lower Upper

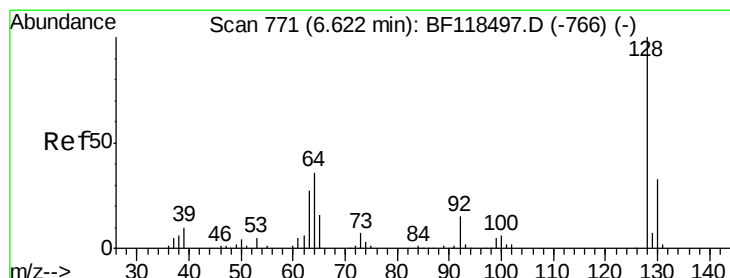
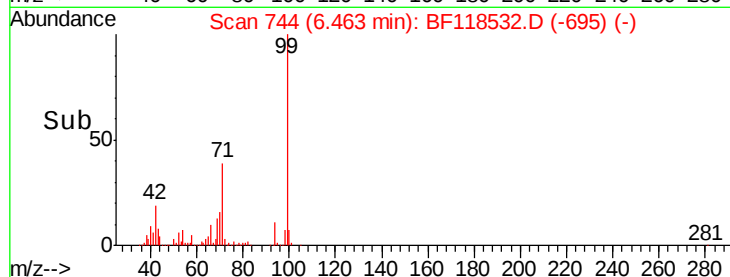
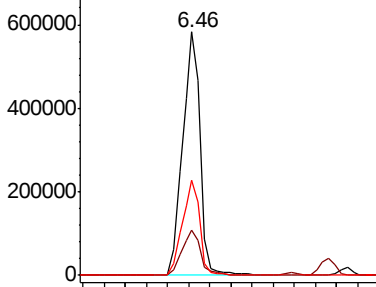
99 100

42 18.7 14.5 21.7

71 39.2 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: 49.608 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

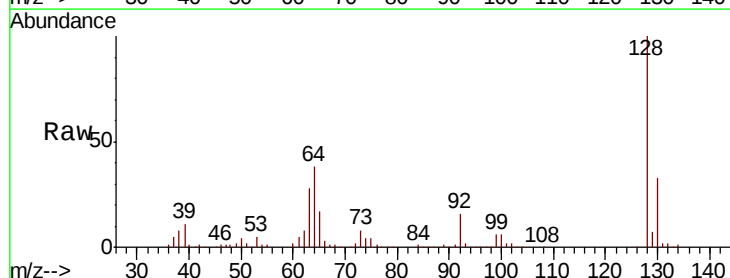
Tgt Ion: 128 Resp: 304386

Ion Ratio Lower Upper

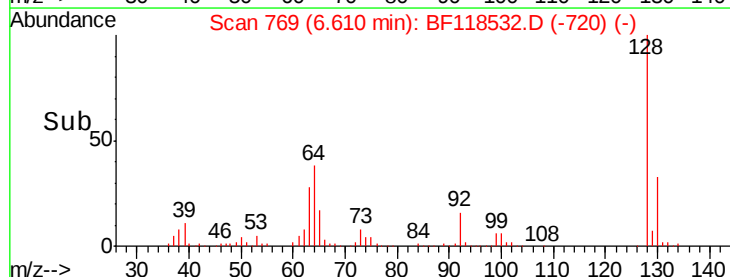
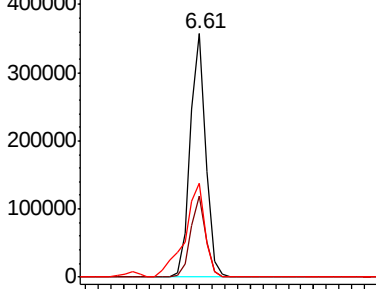
128 100

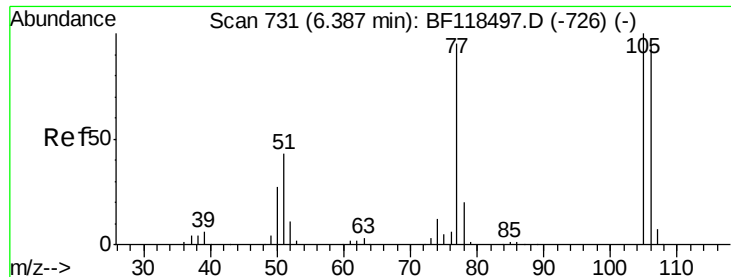
130 33.4 12.7 52.7

64 38.5 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

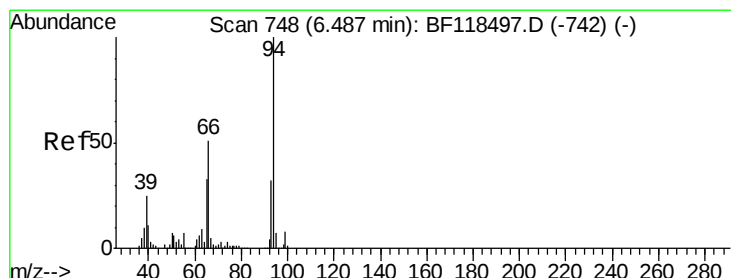
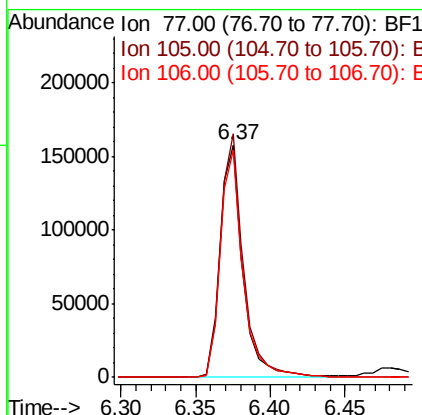
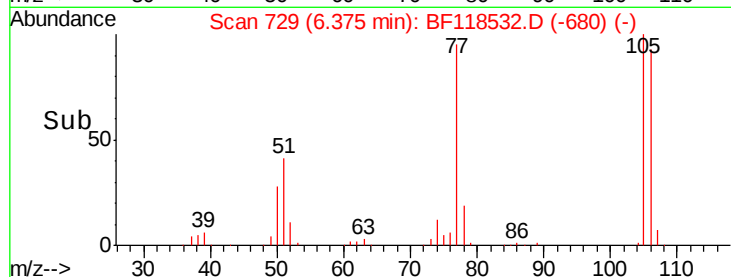
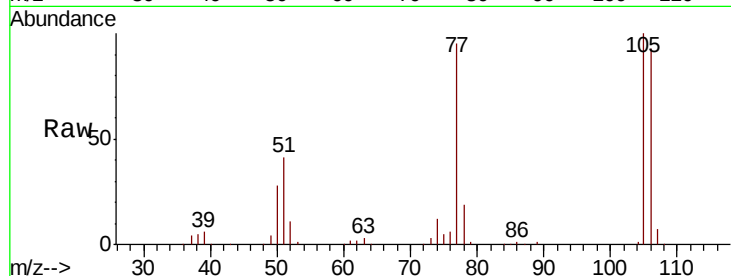




#9
Benzaldehyde
Concen: 45.685 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

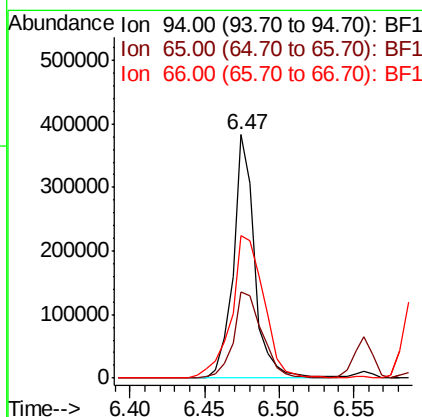
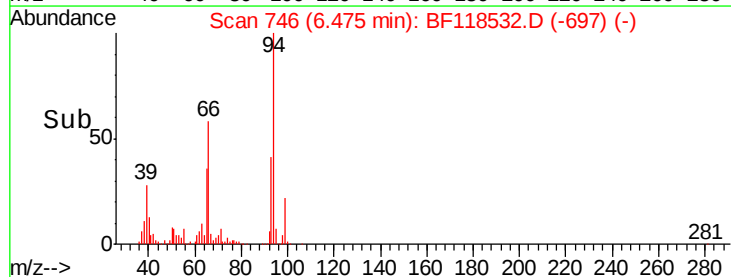
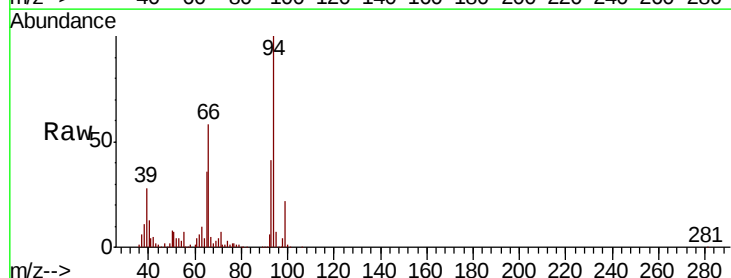
Instrument :
BNA_F
ClientSampleId :

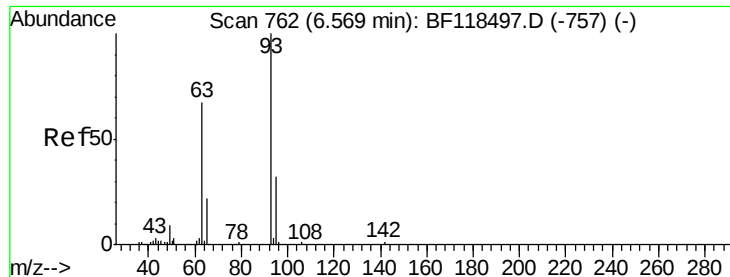
Tot Ion: 77 Resp: 170644
Ion Ratio Lower Upper
77 100
105 104.8 85.4 125.4
106 97.9 79.5 119.5



#10
Phenol
Concen: 51.862 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion: 94 Resp: 385581
Ion Ratio Lower Upper
94 100
65 35.6 13.3 53.3
66 58.4 30.9 70.9





#11

bis(2-Chloroethyl)ether

Concen: 49.290 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

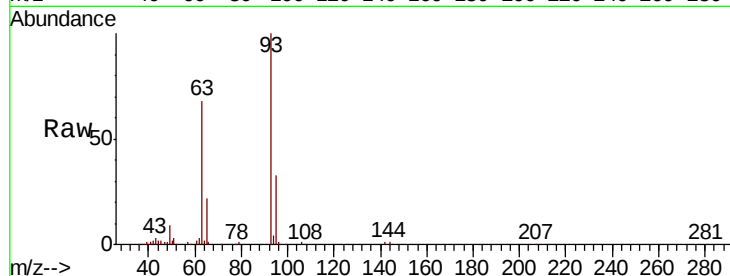
Tot Ion: 93 Resp: 261260

Ion Ratio Lower Upper

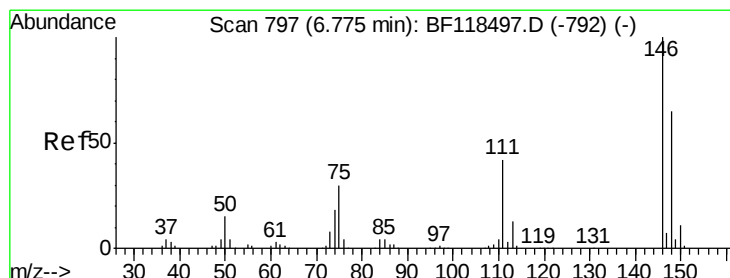
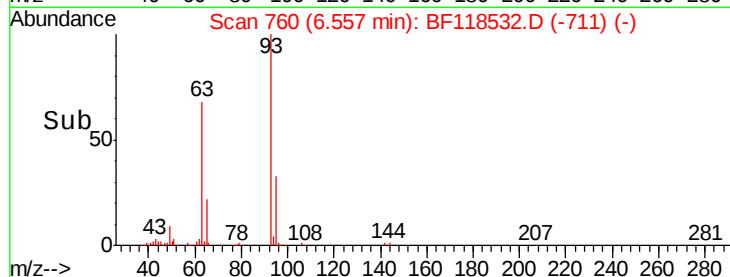
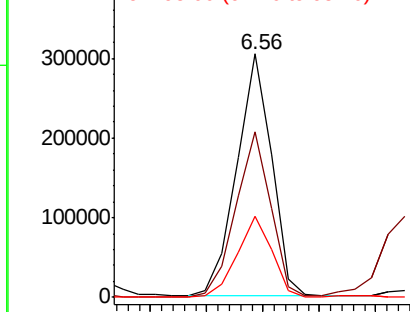
93 100

63 67.9 46.6 86.6

95 33.1 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 44.815 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

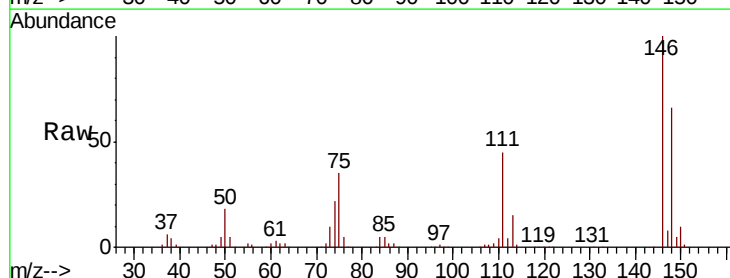
Tgt Ion: 146 Resp: 321452

Ion Ratio Lower Upper

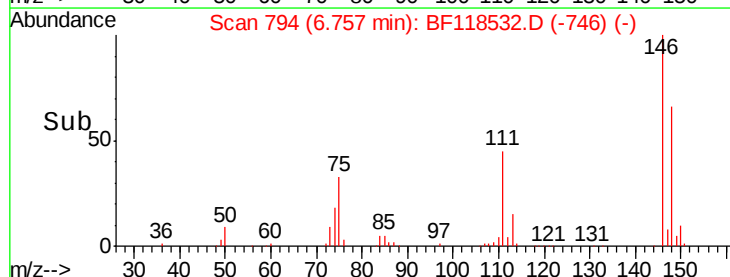
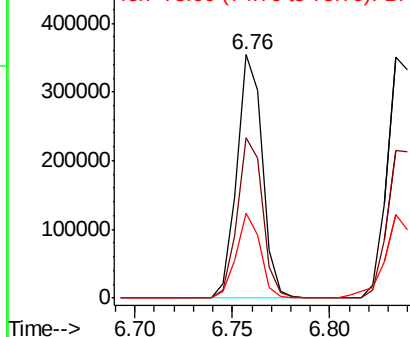
146 100

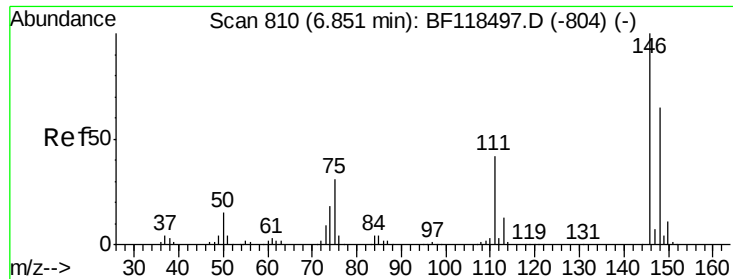
148 66.0 52.4 78.6

75 34.9 24.1 36.1



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

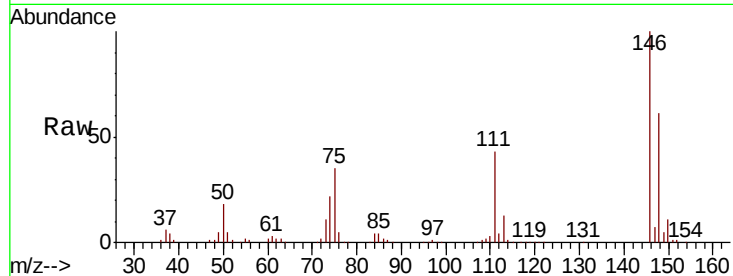




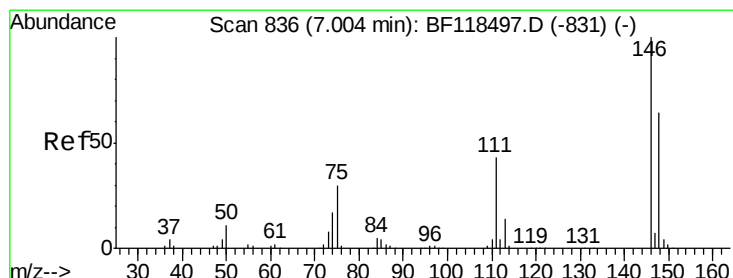
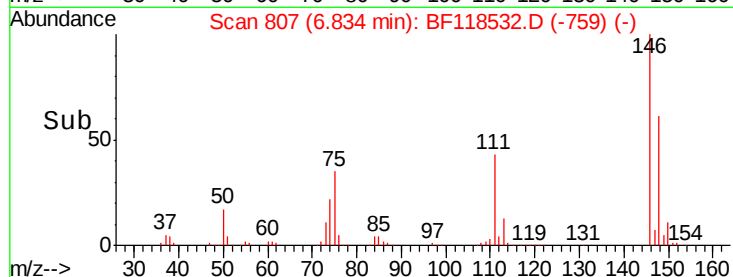
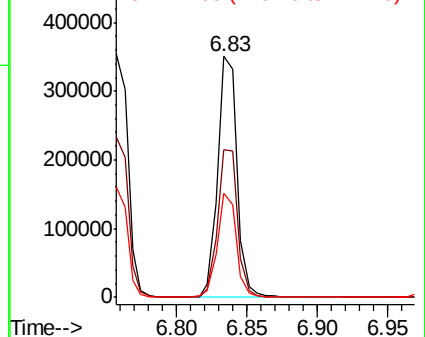
#13
 1,4-Dichlorobenzene
 Concen: 45.764 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 334933
 Ion Ratio Lower Upper
 146 100
 148 61.3 52.2 78.2
 111 43.2 33.2 49.8

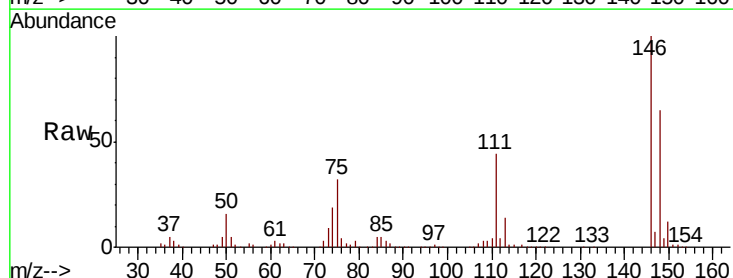


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

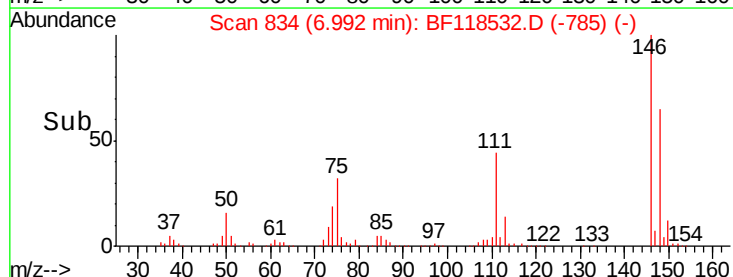
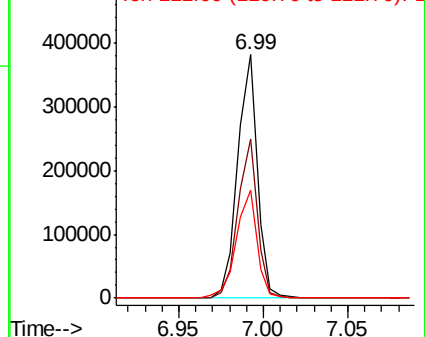


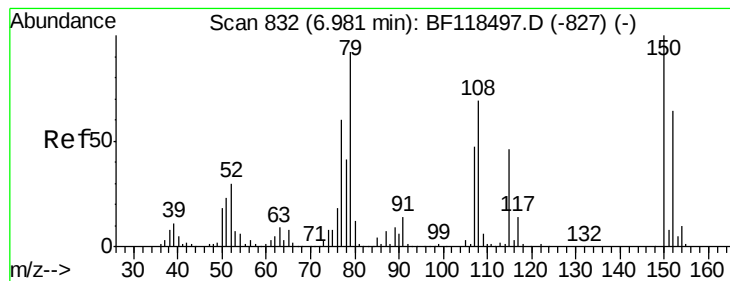
#14
 1,2-Dichlorobenzene
 Concen: 43.848 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Tgt Ion:146 Resp: 310111
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.3 76.9
 111 44.3 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: 45.301 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampled :

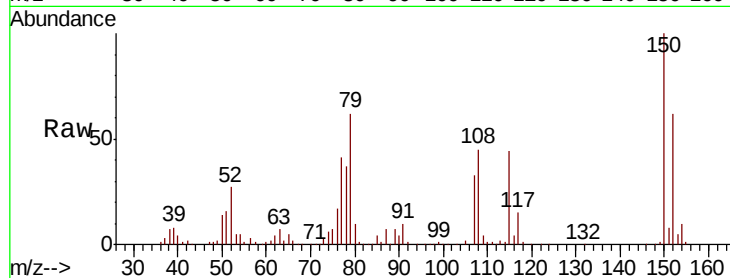
Tot Ion: 79 Resp: 246554

Ion Ratio Lower Upper

79 100

108 73.3 60.2 90.2

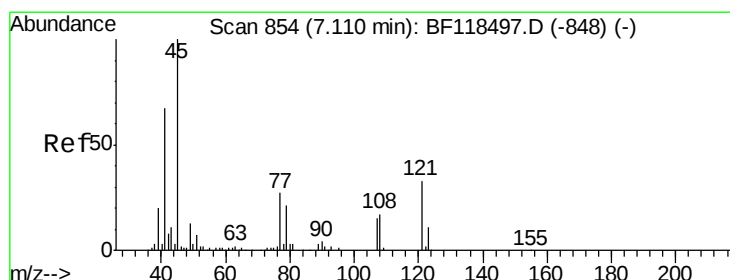
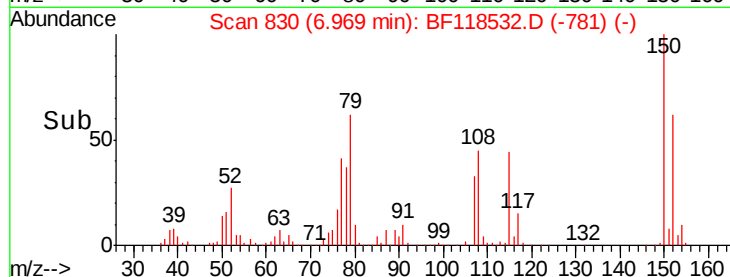
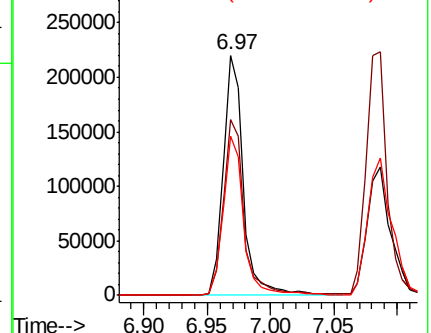
77 66.3 51.8 77.8



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: 45.684 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

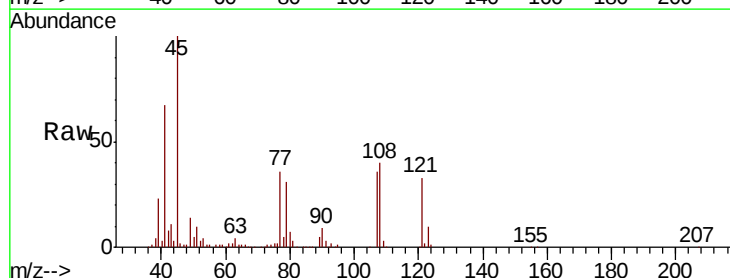
Tgt Ion: 45 Resp: 268619

Ion Ratio Lower Upper

45 100

77 36.0 7.6 47.6

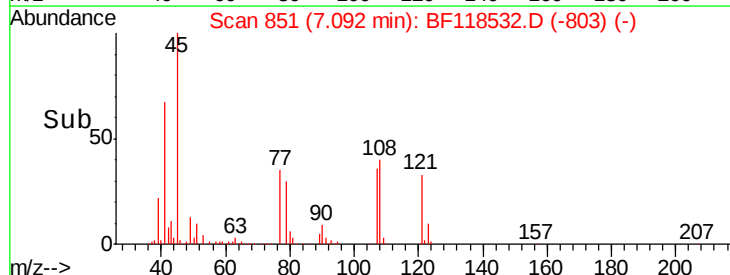
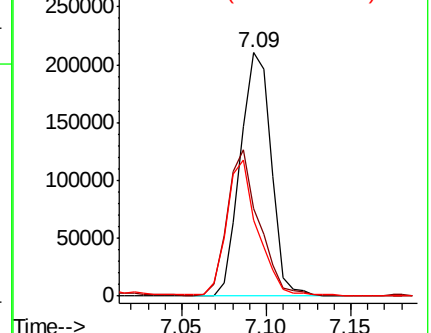
79 31.1 2.0 42.0

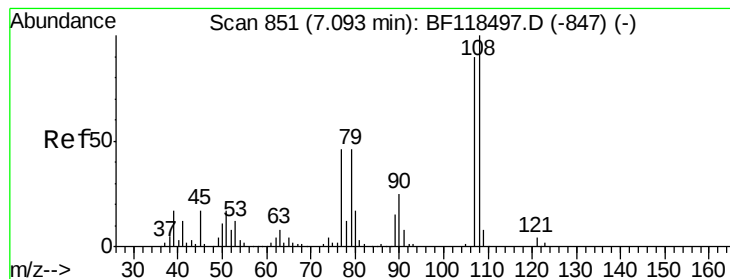


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

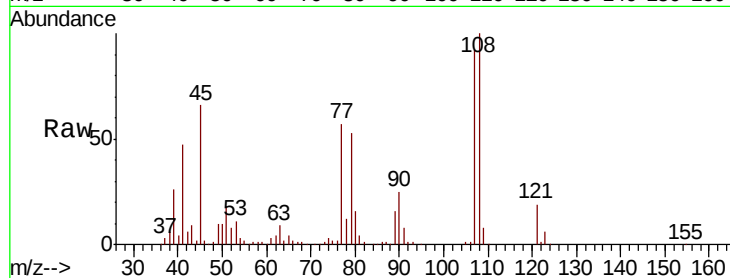




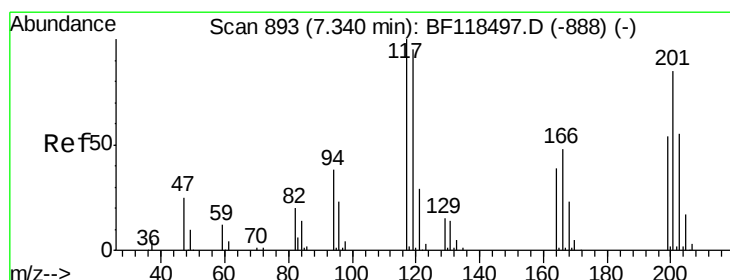
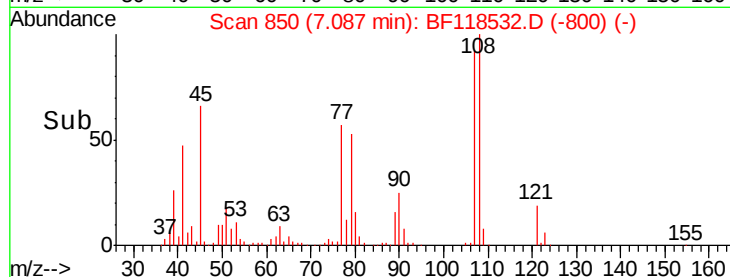
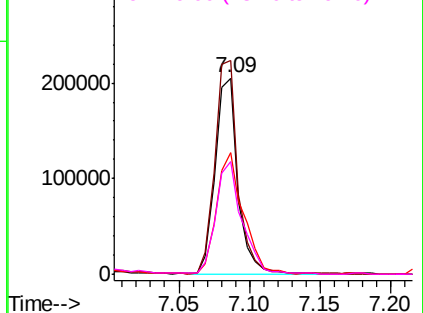
#17
2-Methylphenol
Concen: 45.247 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	228163
Ion	Ratio	Lower	Upper
107	100		
108	109.0	88.9	133.3
77	61.8	41.2	61.8
79	57.3	41.6	62.4

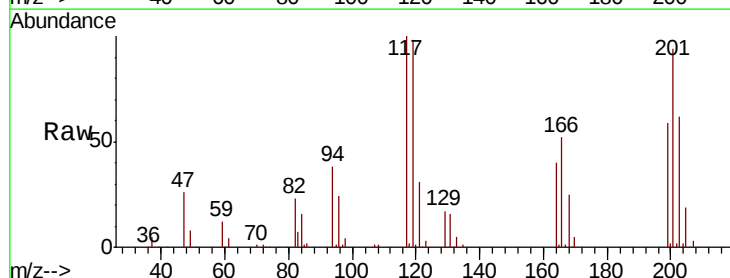


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

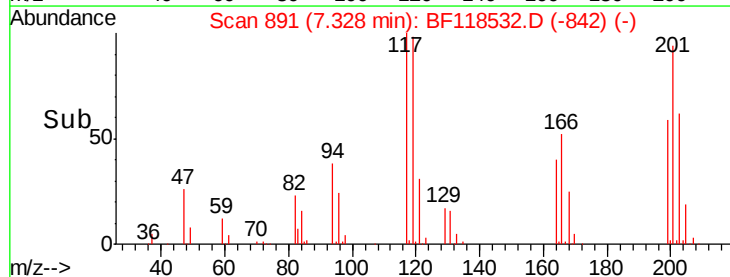
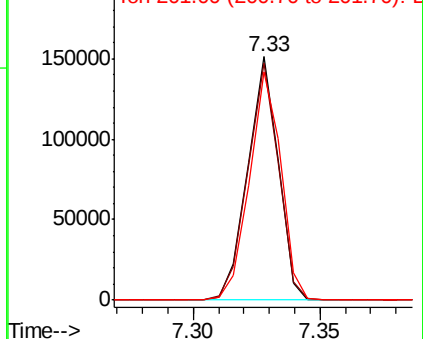


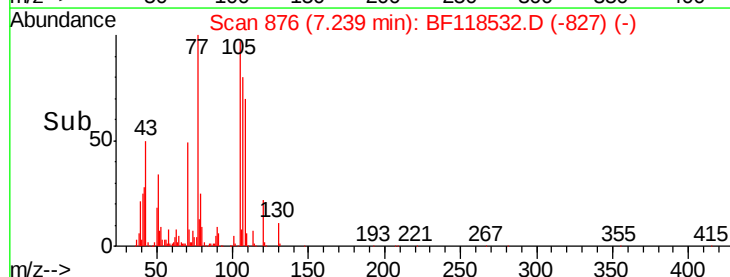
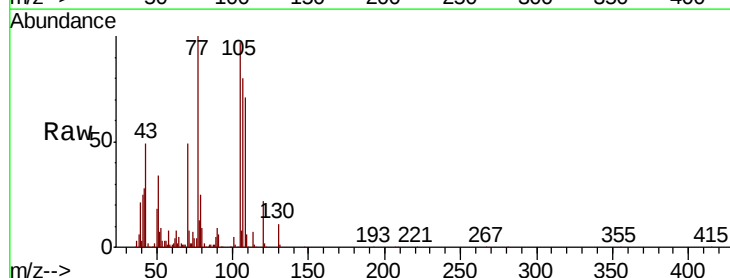
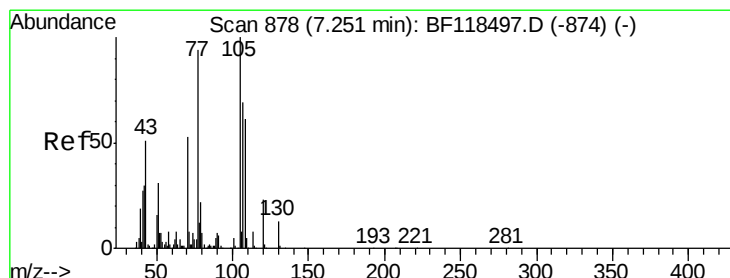
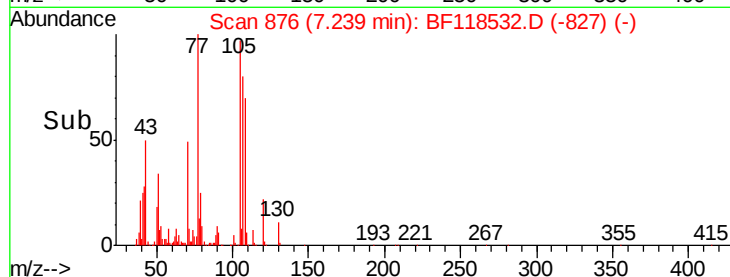
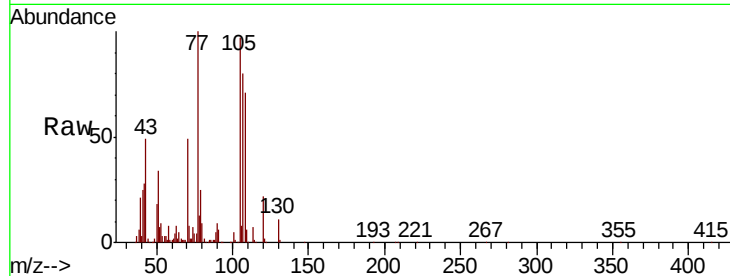
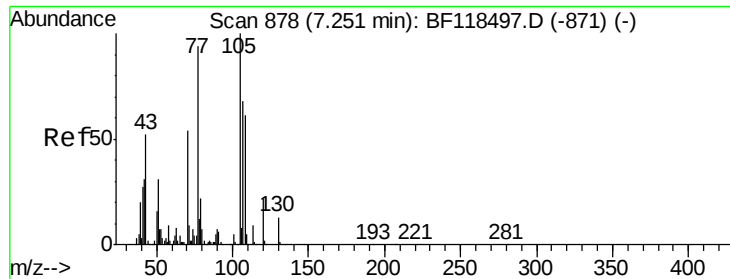
#18
Hexachloroethane
Concen: 45.803 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion:	117	Resp:	127017
Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.2	114.4
201	94.0	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

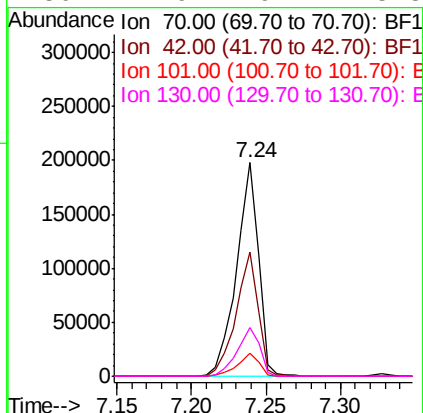




#19
n-Nitroso-di-n-propylamine
Concen: 47.231 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

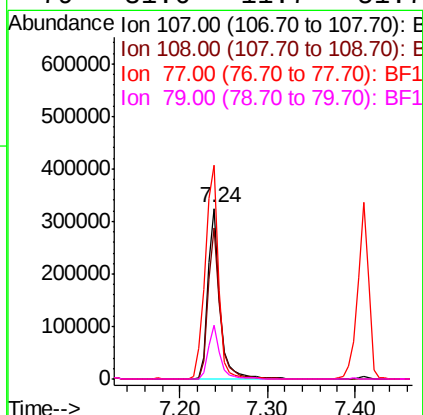
Instrument :
BNA_F
ClientSampleId :

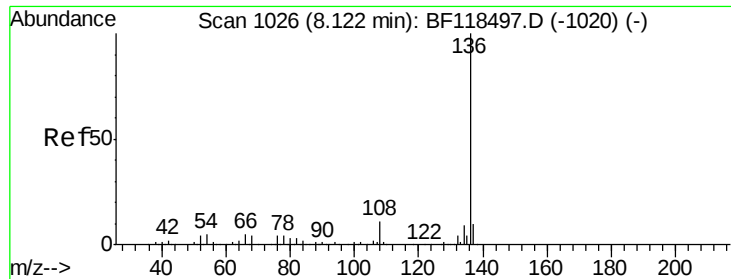
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.9	45.6	68.4
101	10.6	8.2	12.2
130	22.9	19.2	28.8



#20
3+4-Methylphenols
Concen: 45.168 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.9	108.9
77	125.1	116.8	156.8
79	31.6	11.7	51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 402948

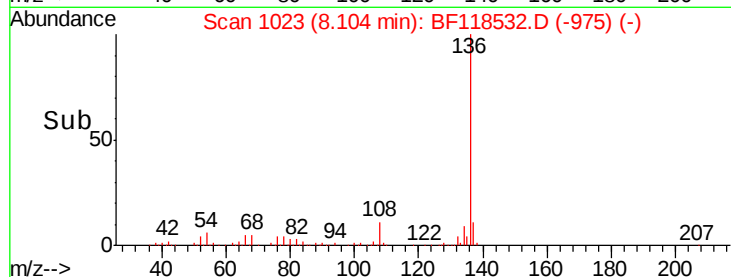
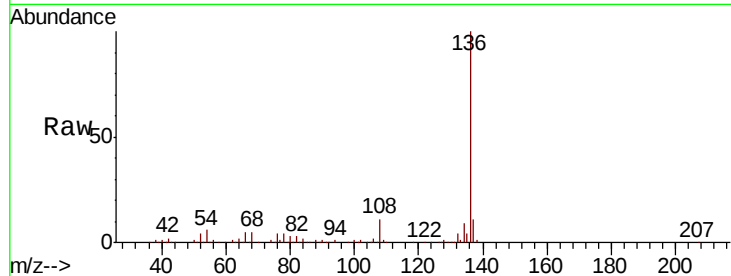
Ion Ratio Lower Upper

136 100

137 10.6 8.3 12.5

54 6.0 4.2 6.2

68 4.6 3.3 4.9

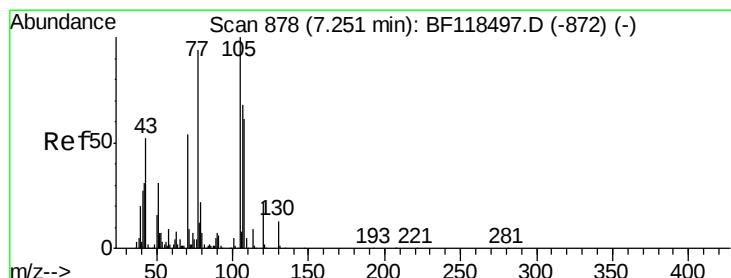
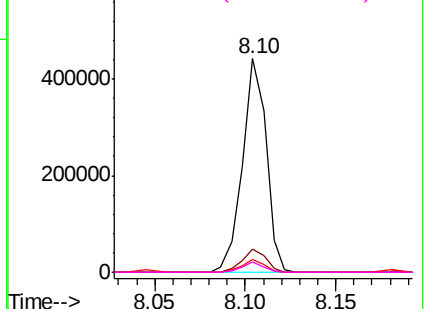


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.310 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Tgt Ion:105 Resp: 432149

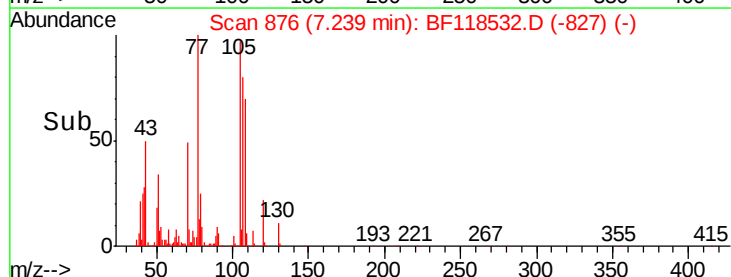
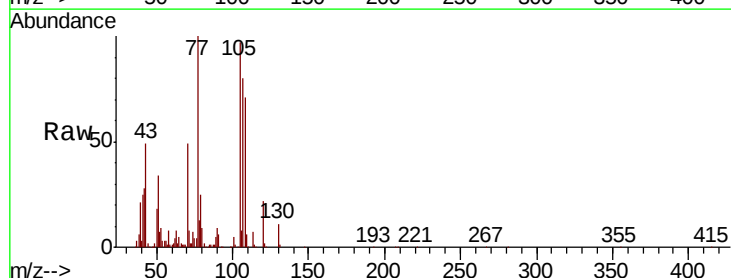
Ion Ratio Lower Upper

105 100

71 8.4 6.9 10.3

51 34.8 25.0 37.4

120 22.4 18.0 27.0

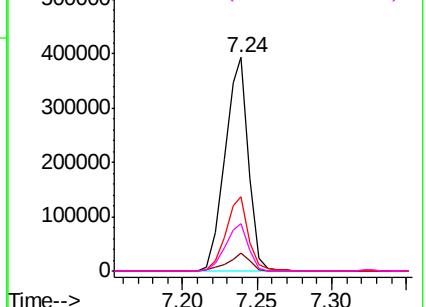


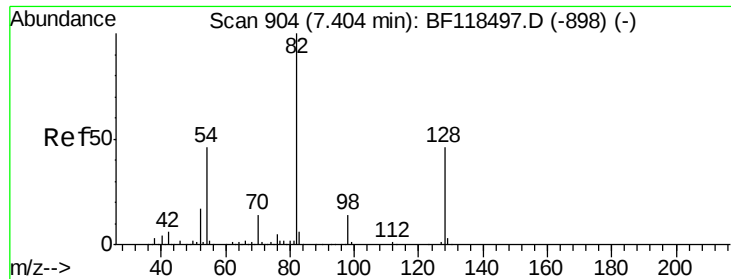
Abundance Ion 105.00 (104.70 to 105.70): E

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

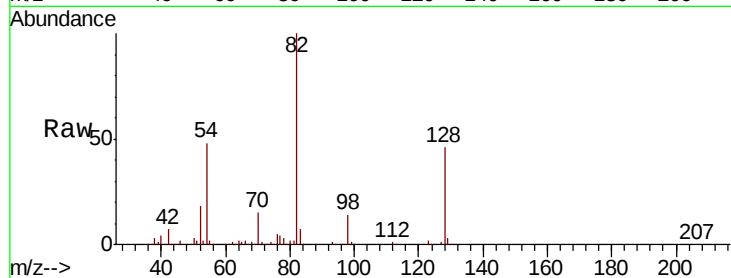




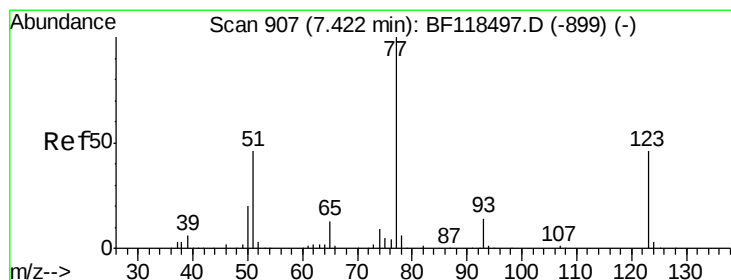
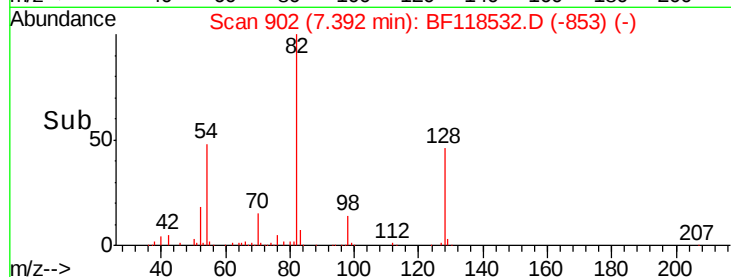
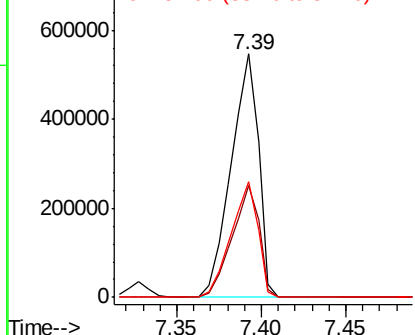
#23
 Nitrobenzene-d5
 Concen: 80.466 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 617223
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.6 54.8
 54 47.7 37.0 55.6

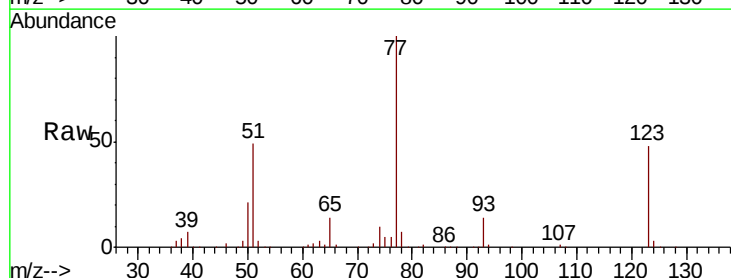


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

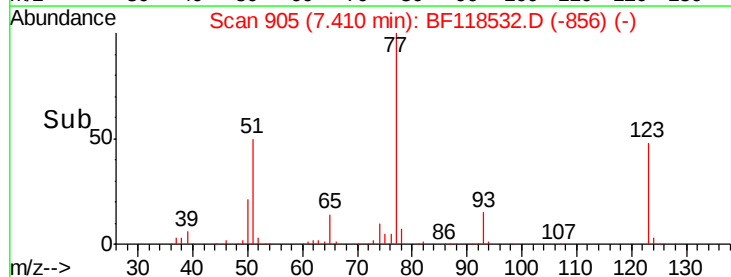
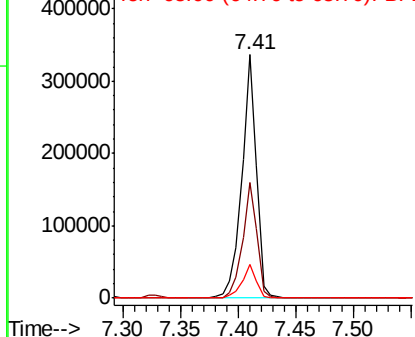


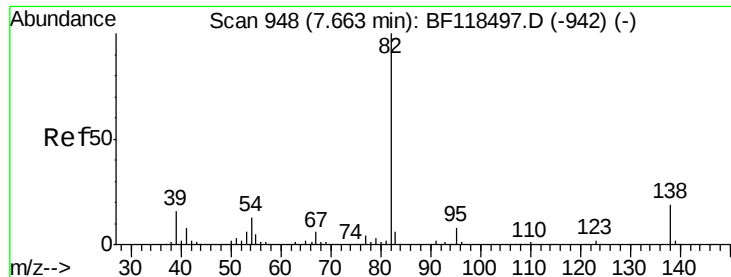
#24
 Nitrobenzene
 Concen: 38.944 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Tgt Ion: 77 Resp: 297039
 Ion Ratio Lower Upper
 77 100
 123 47.7 37.0 55.4
 65 13.9 10.7 16.1



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





#25

Isophorone

Concen: 41.975 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

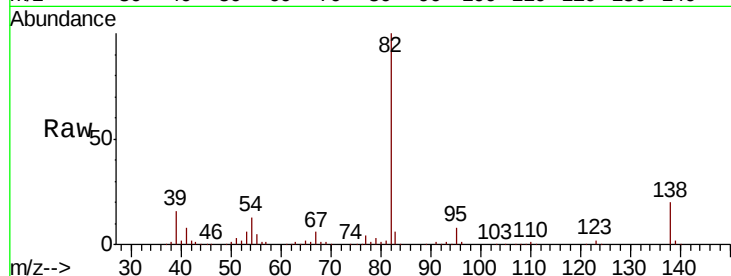
Tot Ion: 82 Resp: 515810

Ion Ratio Lower Upper

82 100

95 7.9 6.6 9.8

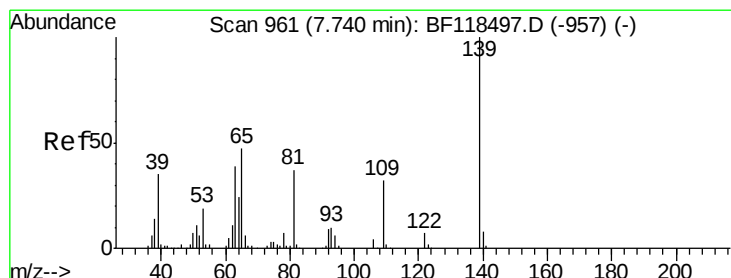
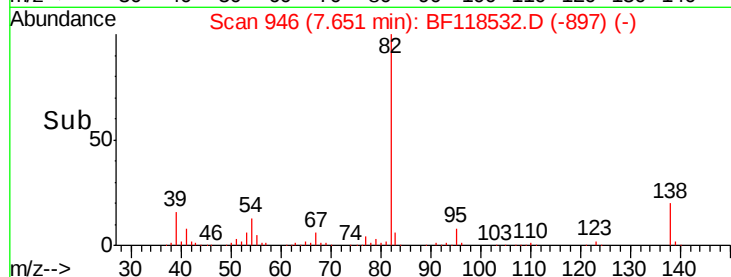
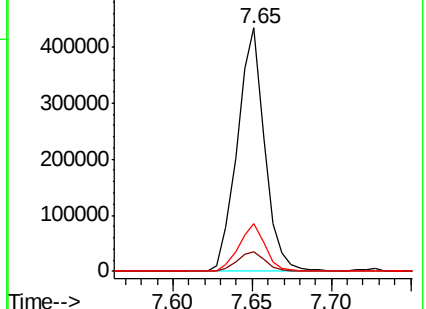
138 19.6 15.4 23.2



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: 42.471 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

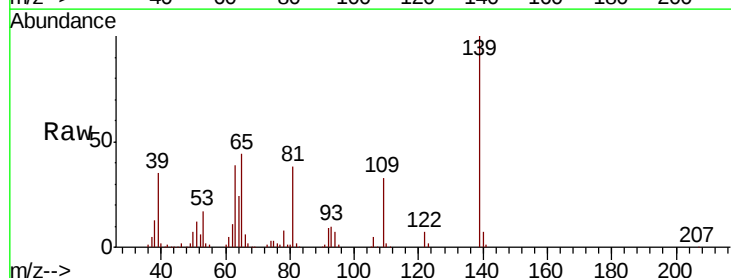
Tgt Ion: 139 Resp: 159940

Ion Ratio Lower Upper

139 100

109 33.0 25.7 38.5

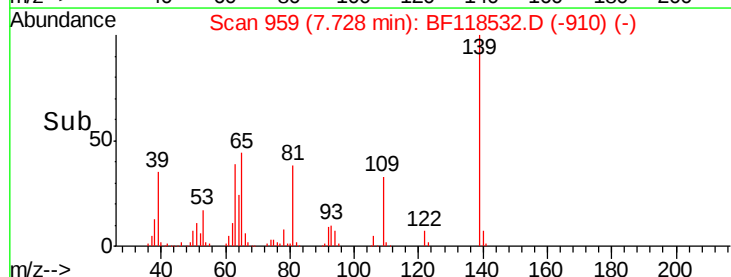
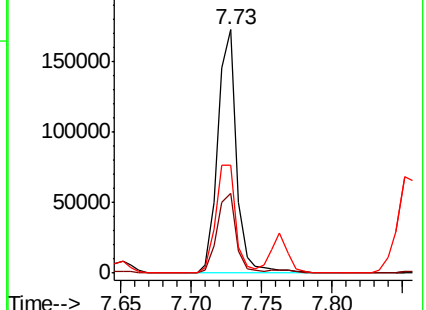
65 44.1 37.8 56.6

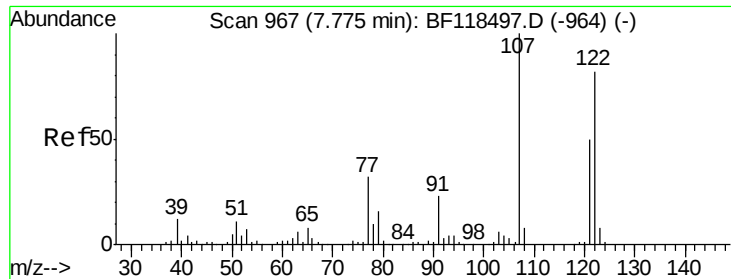


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

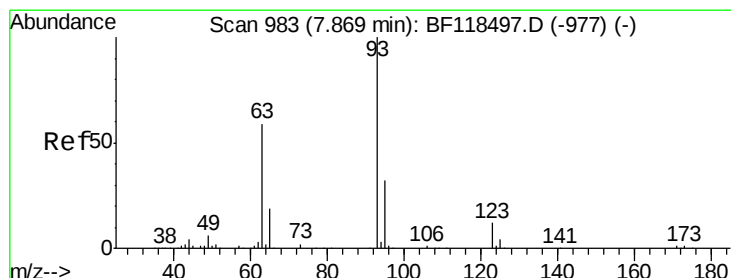
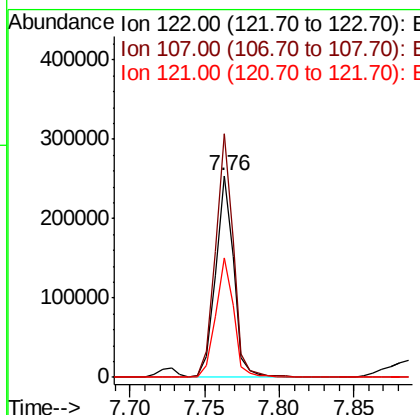
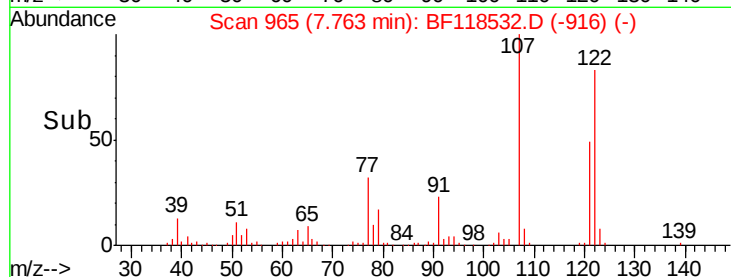
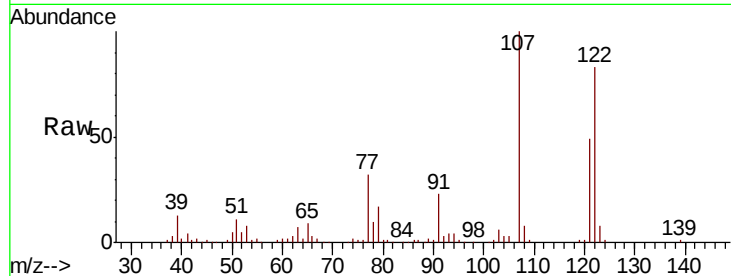




#27
 2,4-Dimethylphenol
 Concen: 41.925 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

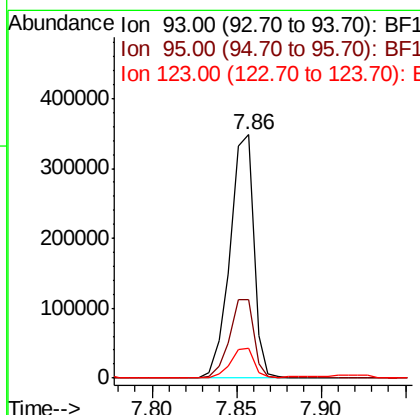
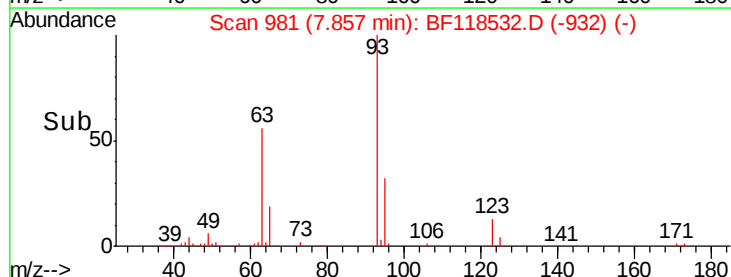
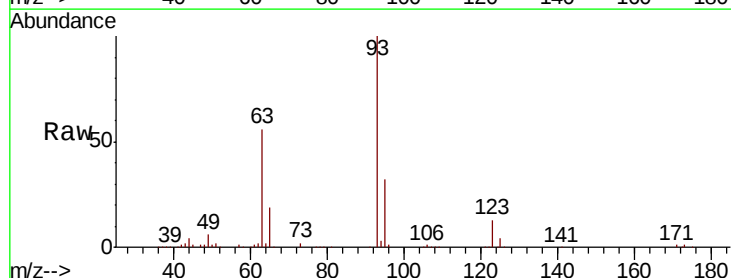
Instrument :
 BNA_F
 ClientSampleId :

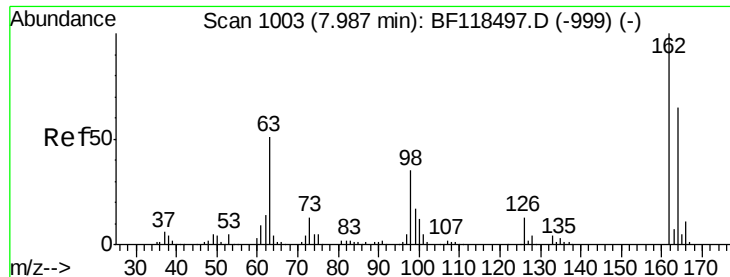
Tot Ion:122 Resp: 212324
 Ion Ratio Lower Upper
 122 100
 107 120.8 97.9 146.9
 121 59.2 49.0 73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.184 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Tgt Ion: 93 Resp: 340804
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.9 38.9
 123 12.5 9.7 14.5

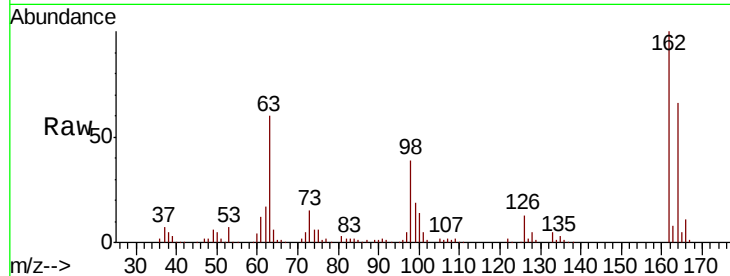




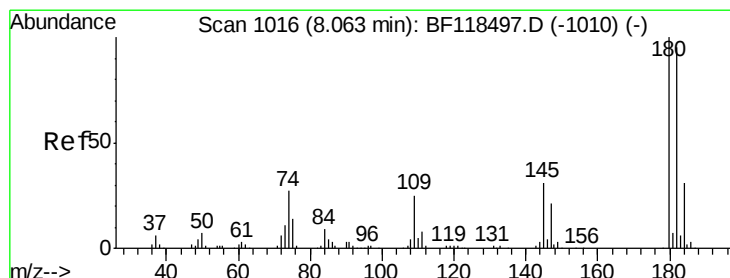
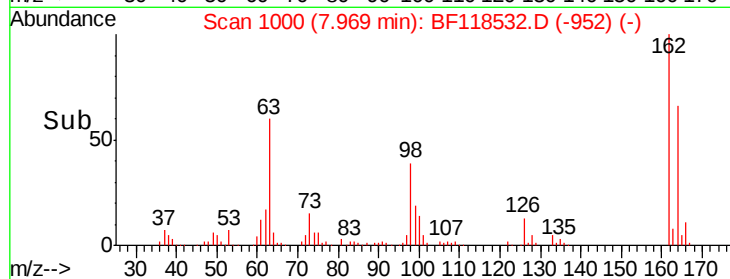
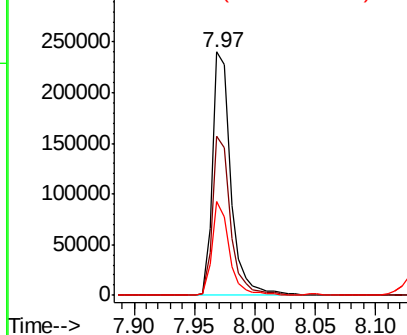
#29
2,4-Dichlorophenol
Concen: 42.327 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.8	84.8
98	38.7	15.1	55.1

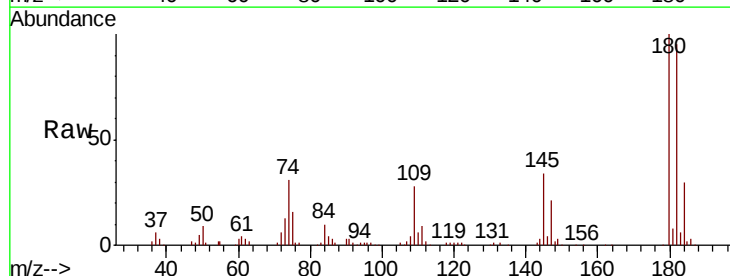


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

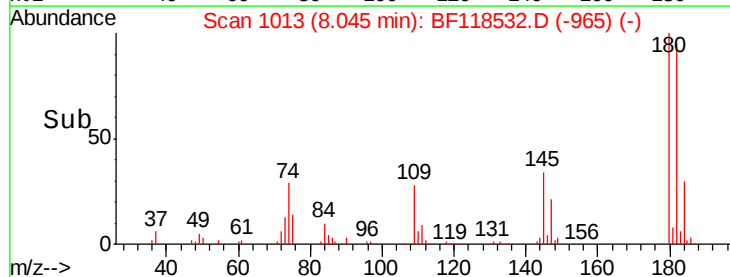
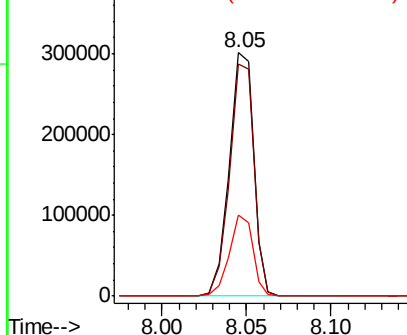


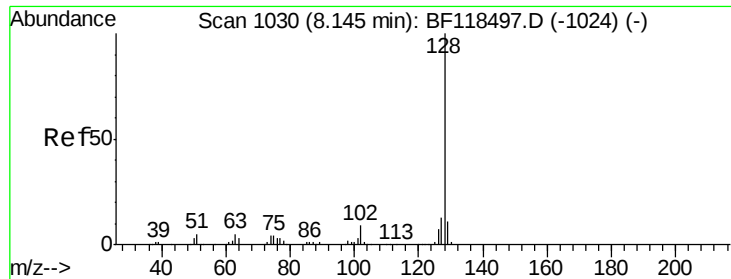
#30
1,2,4-Trichlorobenzene
Concen: 43.908 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.6
145	33.5	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

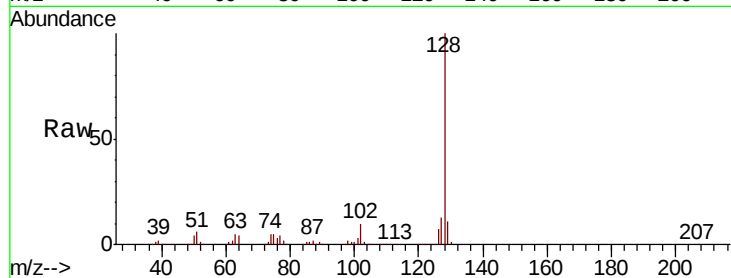




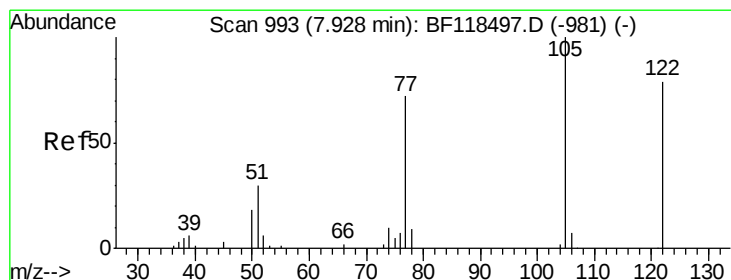
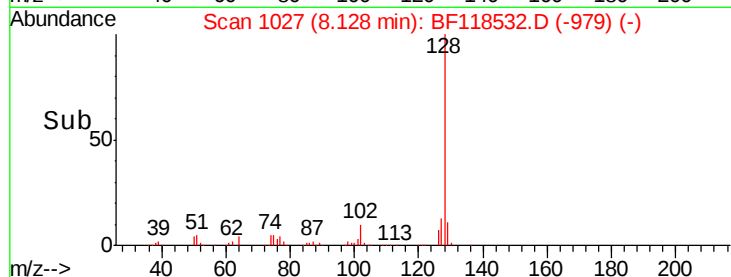
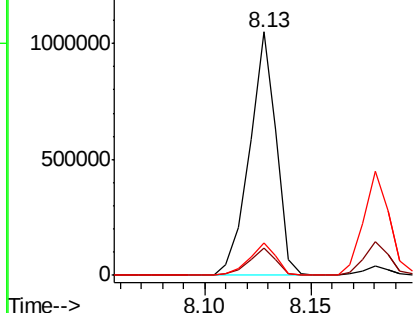
#31
Naphthalene
Concen: 43.653 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 920095
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.2 10.7 16.1

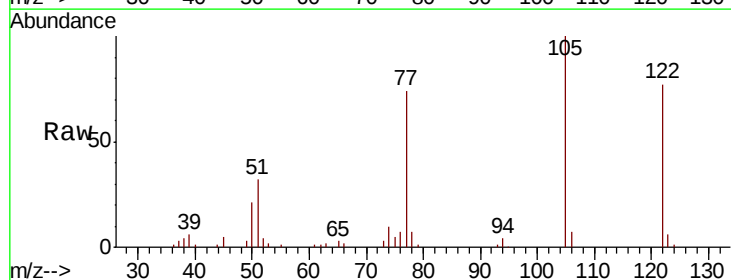


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

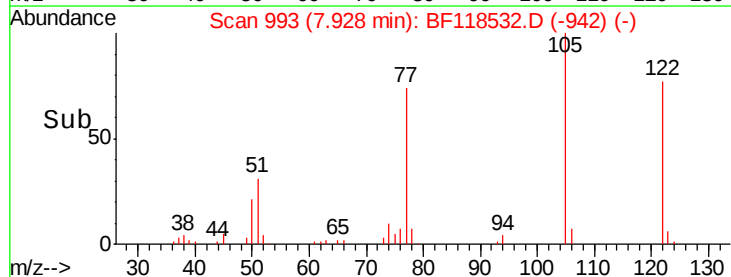
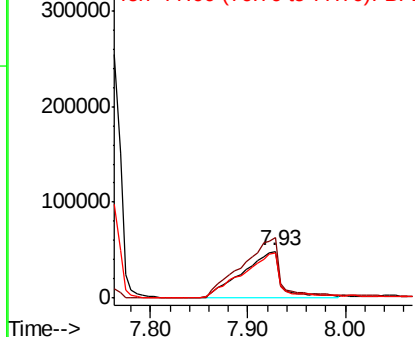


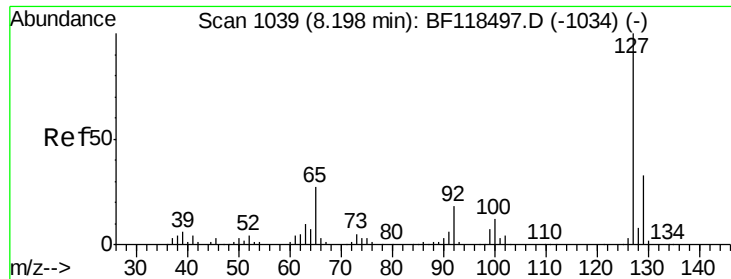
#32
Benzoic acid
Concen: 39.943 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion:122 Resp: 134920
Ion Ratio Lower Upper
122 100
105 129.5 105.7 145.7
77 95.7 71.0 111.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

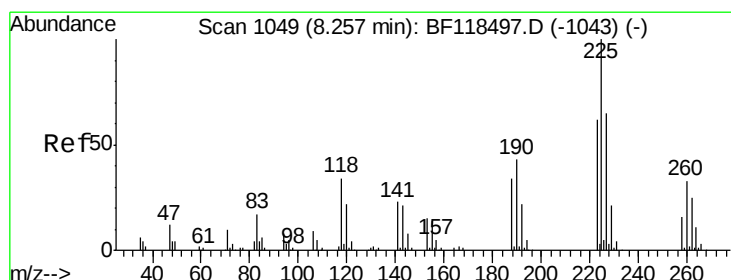
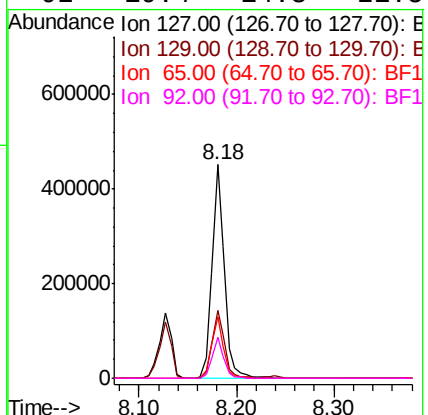
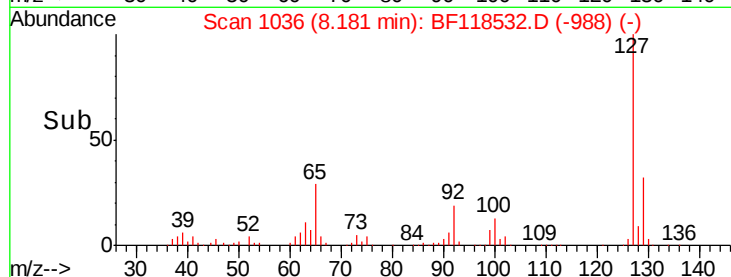
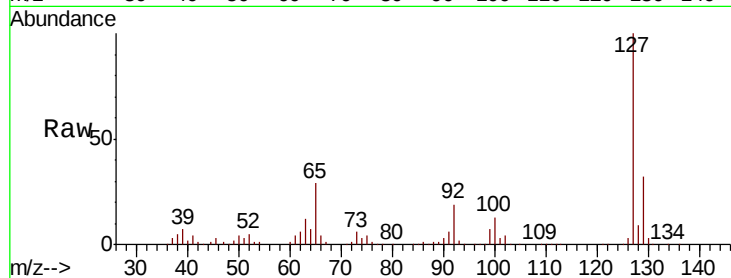




#33
4-Chloroaniline
Concen: 45.490 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

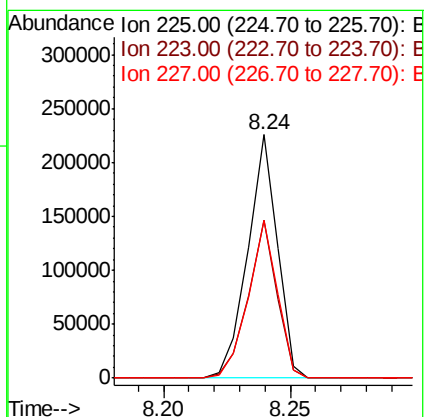
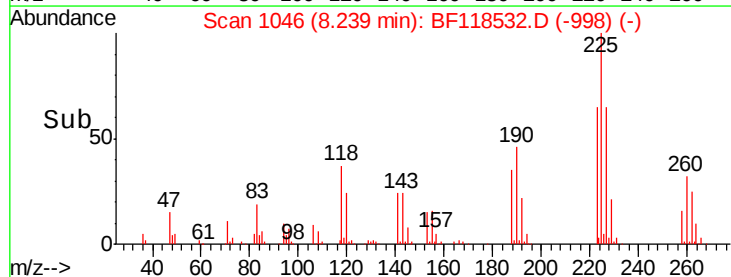
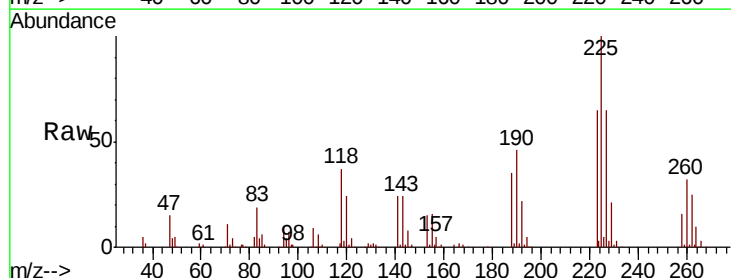
Instrument :
BNA_F
ClientSampleId :

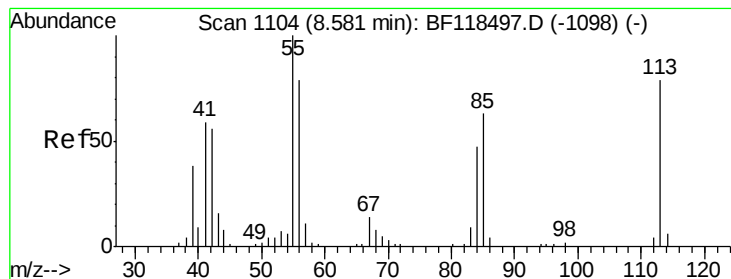
Tot Ion:	127	Resp:	394729
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	29.0	21.6	32.4
92	19.4	14.3	21.5



#34
Hexachlorobutadiene
Concen: 43.599 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion:	225	Resp:	183803
Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.9	74.9
227	65.0	51.8	77.6





#35

Caprolactam

Concen: 34.512 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

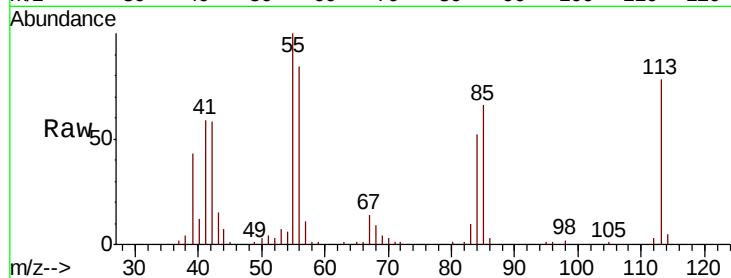
Tot Ion:113 Resp: 61473

Ion Ratio Lower Upper

113 100

55 127.6 106.5 146.5

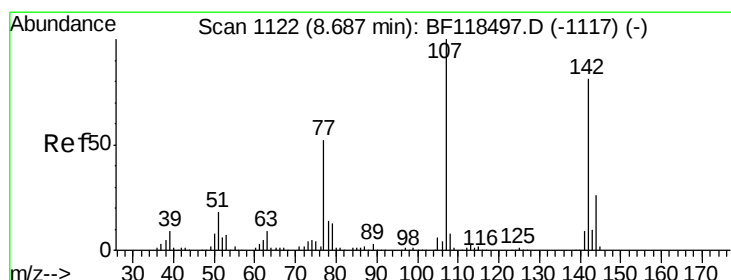
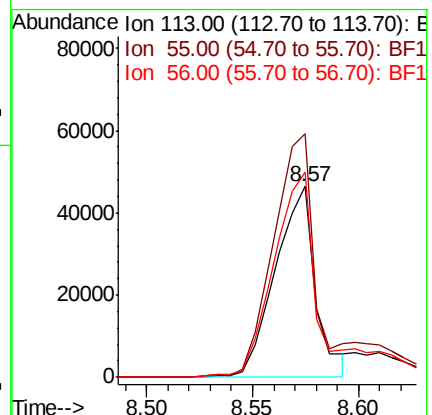
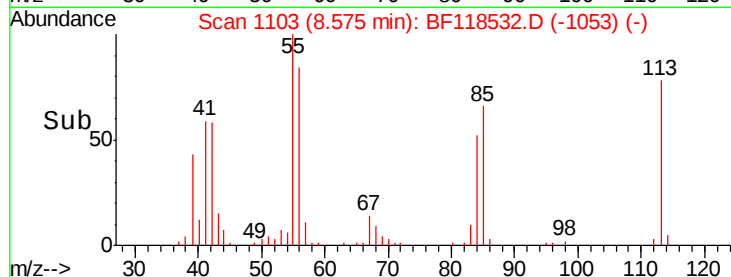
56 107.4 80.1 120.1



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: 40.696 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

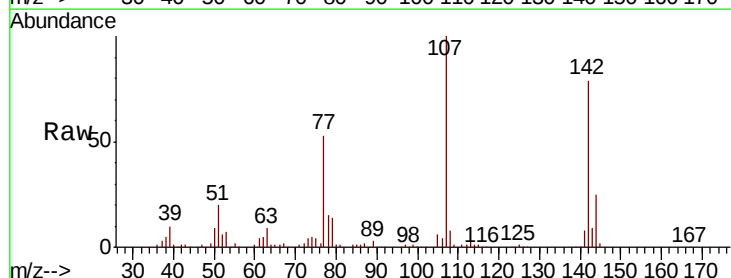
Tgt Ion:107 Resp: 258707

Ion Ratio Lower Upper

107 100

144 25.4 20.6 31.0

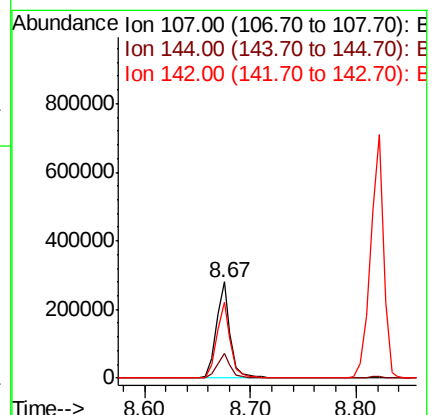
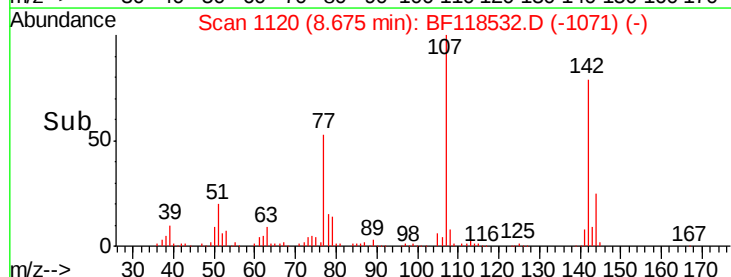
142 79.3 65.0 97.4

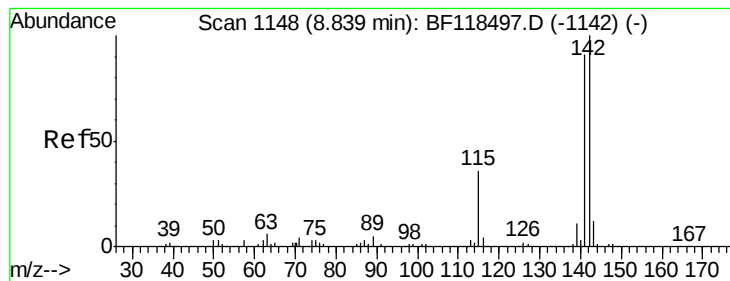


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.996 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampled :

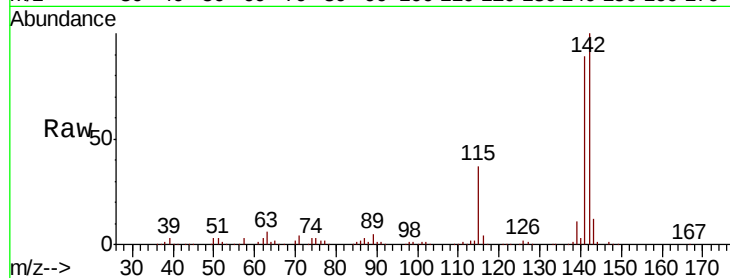
Tot Ion:142 Resp: 593031

Ion Ratio Lower Upper

142 100

141 89.0 73.0 109.6

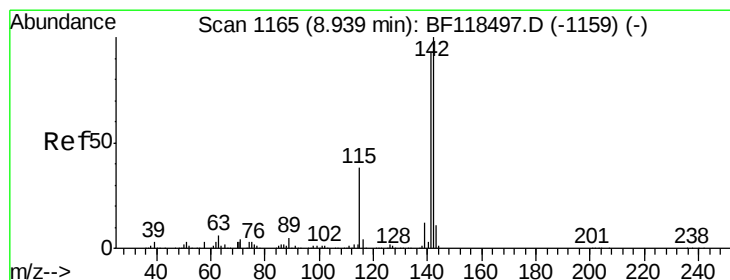
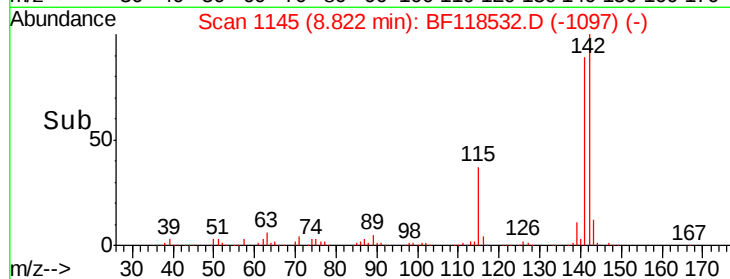
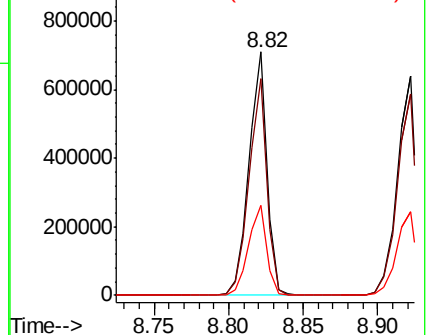
115 36.8 28.4 42.6



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: 41.207 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

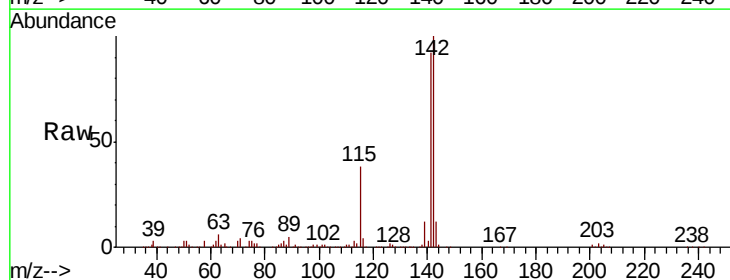
Tgt Ion:142 Resp: 559671

Ion Ratio Lower Upper

142 100

141 92.0 74.3 111.5

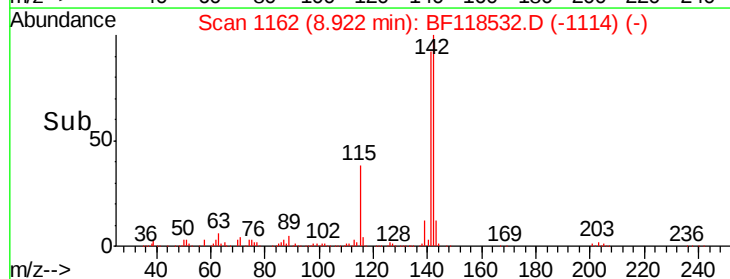
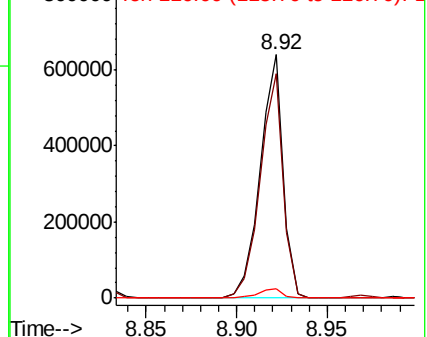
116 4.0 3.2 4.8

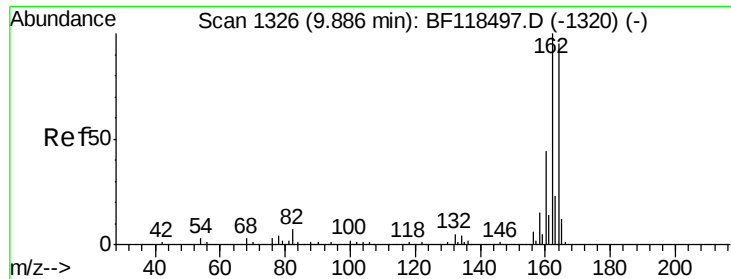


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

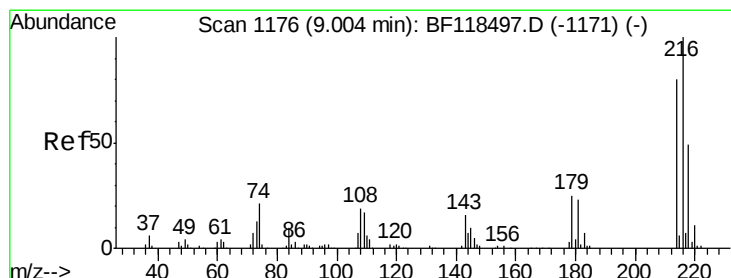
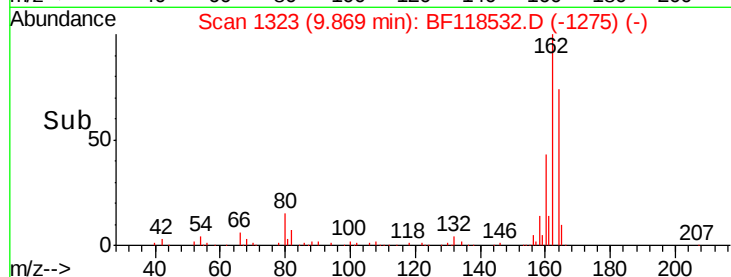
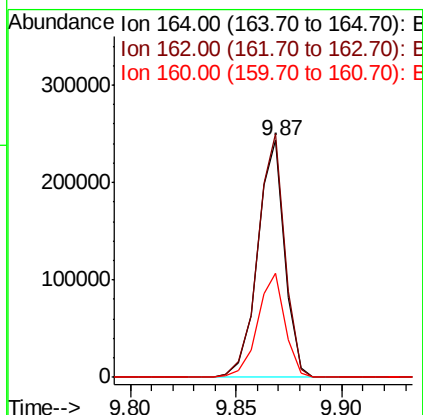
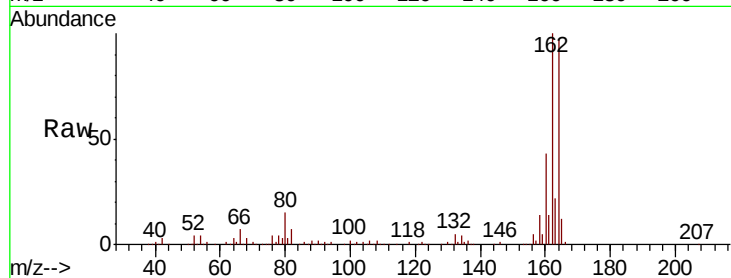




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

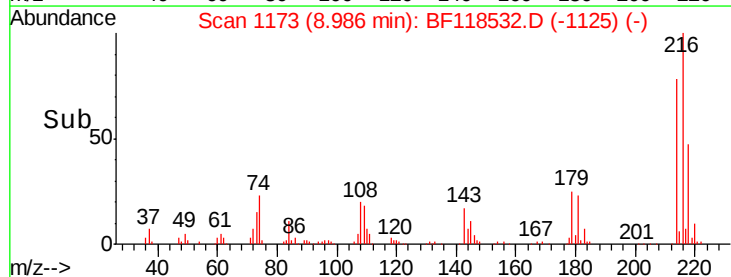
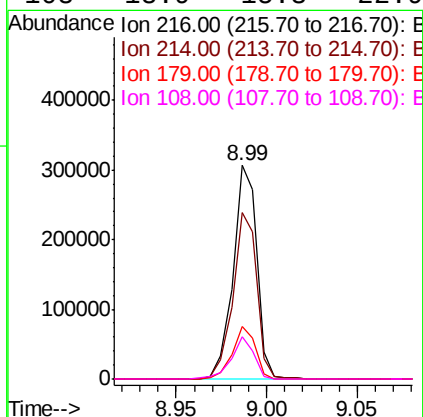
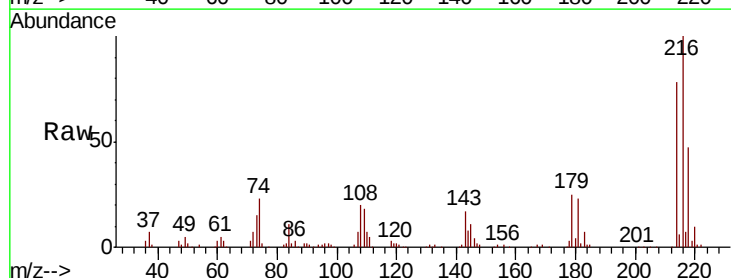
Instrument :
BNA_F
ClientSampleId :

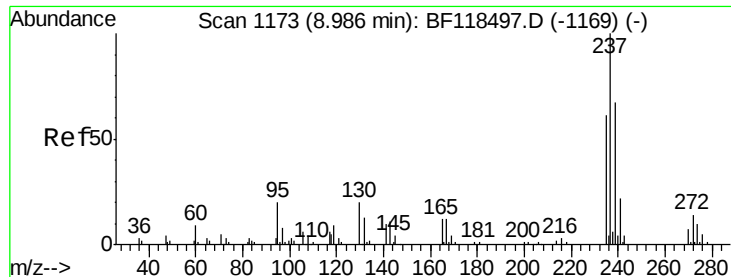
Tot Ion:164 Resp: 217184
Ion Ratio Lower Upper
164 100
162 102.9 84.2 126.4
160 44.1 36.8 55.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.009 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion:216 Resp: 280326
Ion Ratio Lower Upper
216 100
214 78.2 62.4 93.6
179 23.6 18.7 28.1
108 18.9 15.3 22.9





#41

Hexachlorocyclopentadiene

Concen: 35.445 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

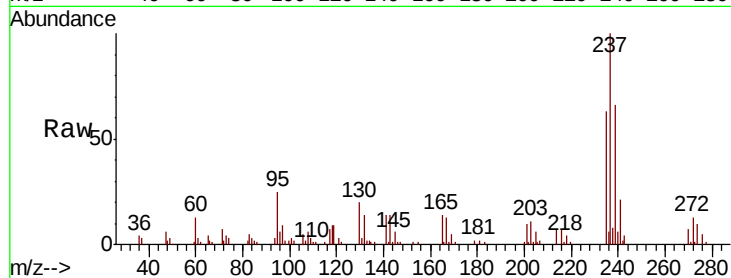
Tot Ion:237 Resp: 47711

Ion Ratio Lower Upper

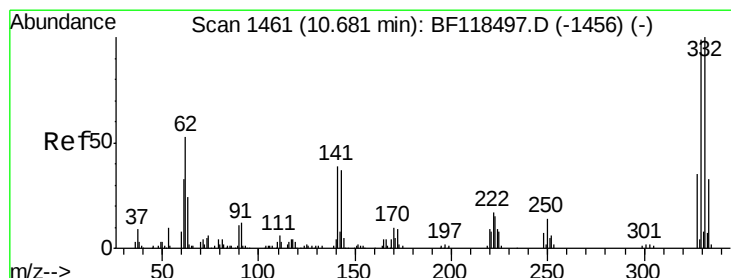
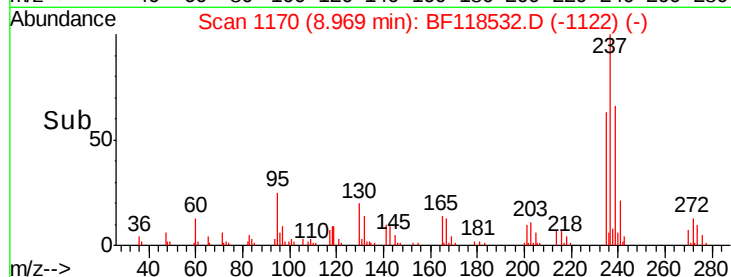
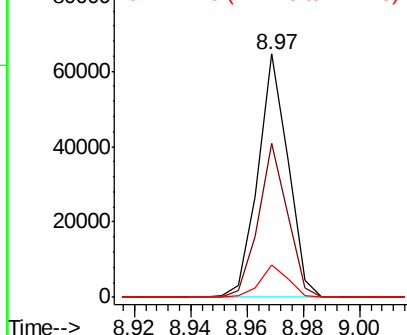
237 100

235 63.5 40.8 80.8

272 13.3 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: 87.921 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

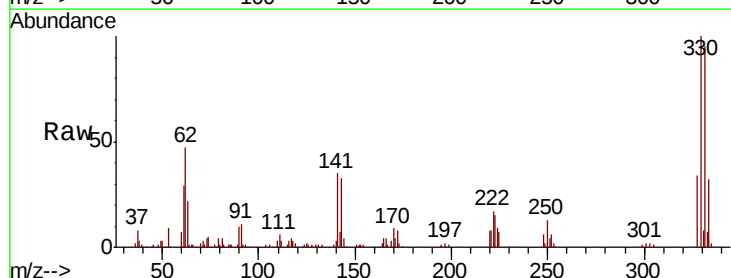
Tgt Ion:330 Resp: 225319

Ion Ratio Lower Upper

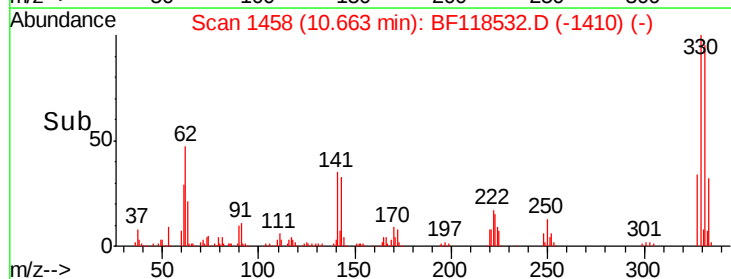
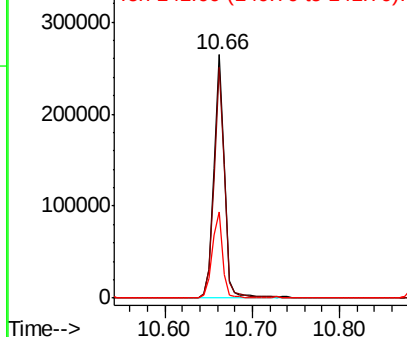
330 100

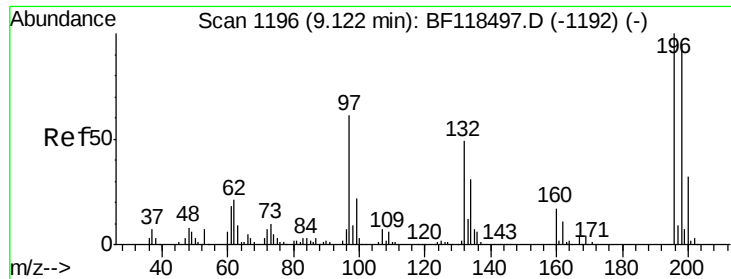
332 94.4 77.9 116.9

141 34.7 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

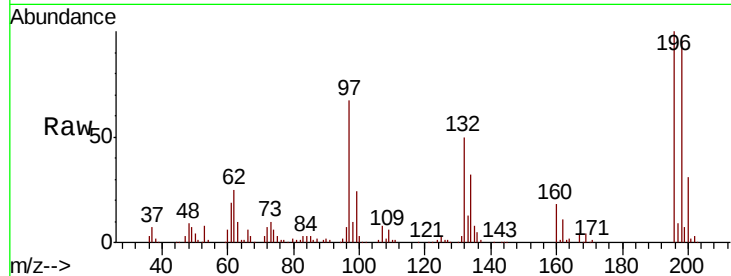




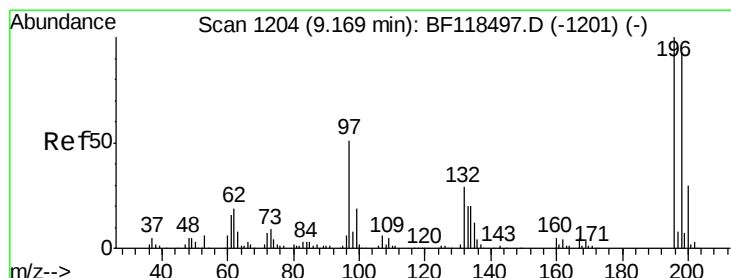
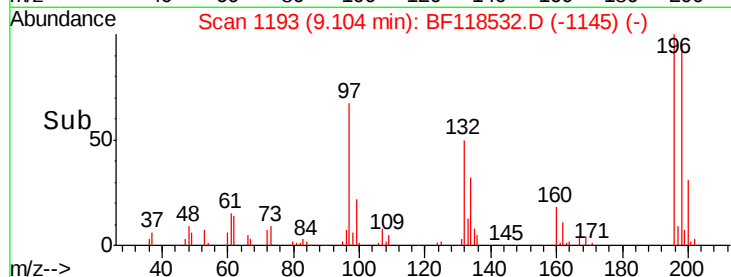
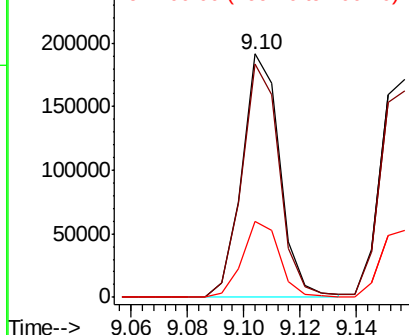
#43
 2,4,6-Trichlorophenol
 Concen: 43.172 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 178024
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.2 114.4
 200 31.0 25.2 37.8

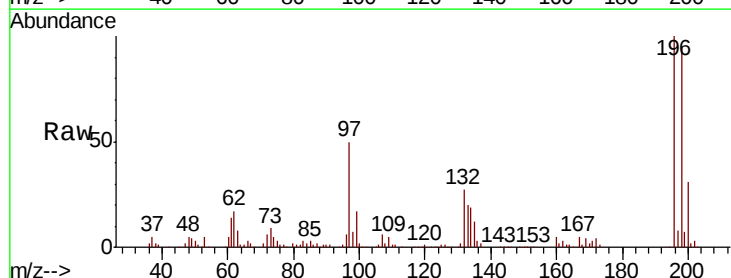


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

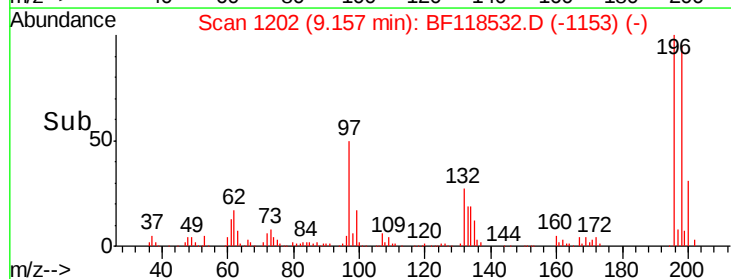
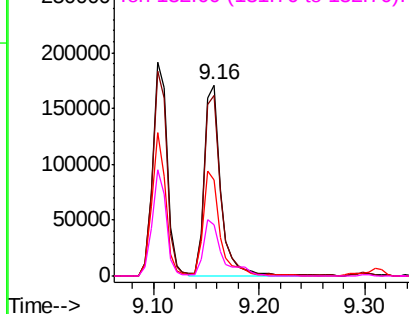


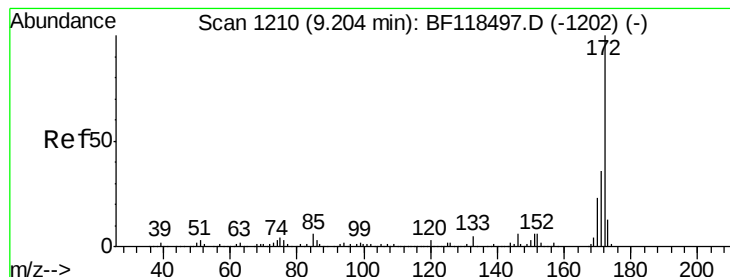
#44
 2,4,5-Trichlorophenol
 Concen: 43.209 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Tgt Ion:196 Resp: 184382
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.7 112.1
 97 50.1 40.7 61.1
 132 27.0 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: 84.340 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

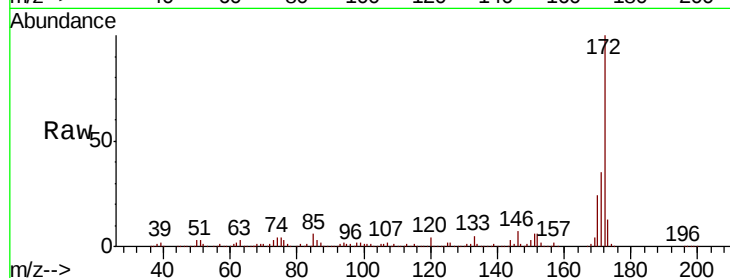
Tot Ion:172 Resp: 1277181

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

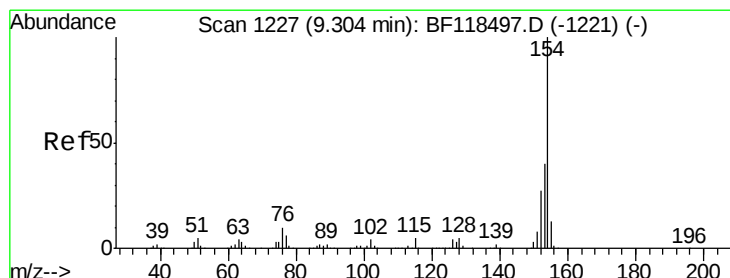
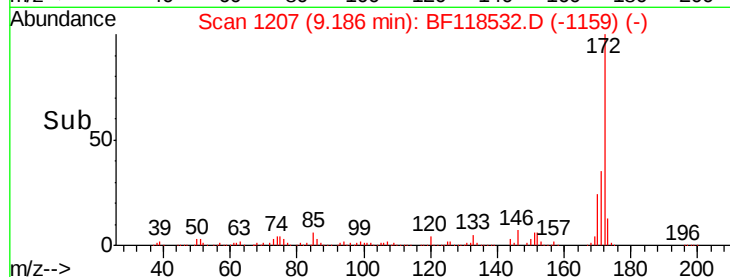
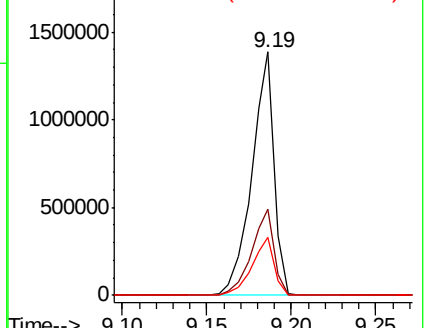
170 23.7 18.6 27.8



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: 40.631 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

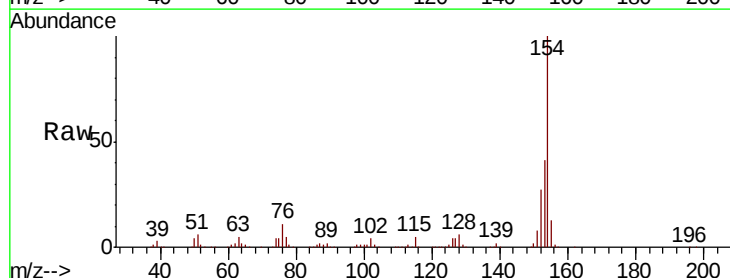
Tgt Ion:154 Resp: 721021

Ion Ratio Lower Upper

154 100

153 40.7 20.2 60.2

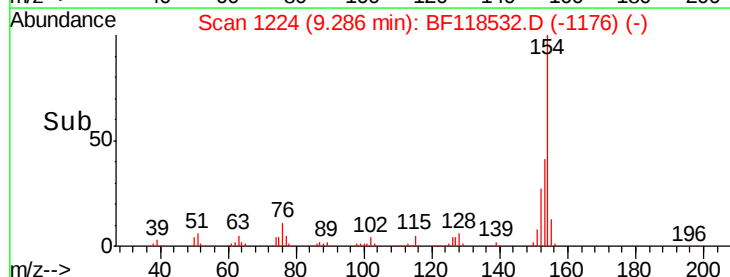
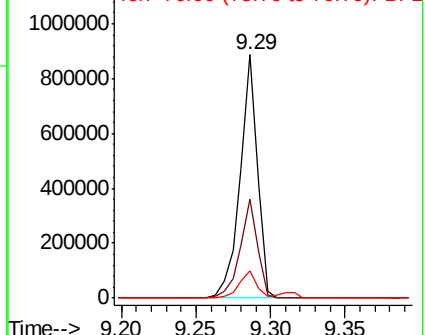
76 11.1 0.0 30.4

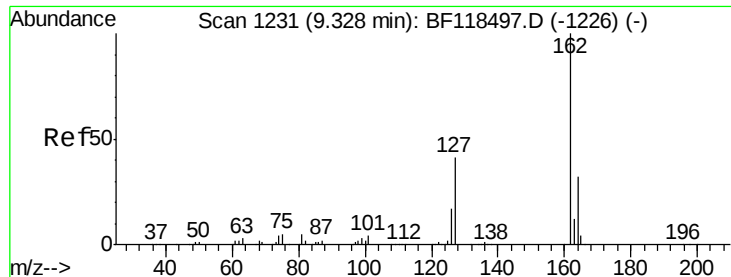


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

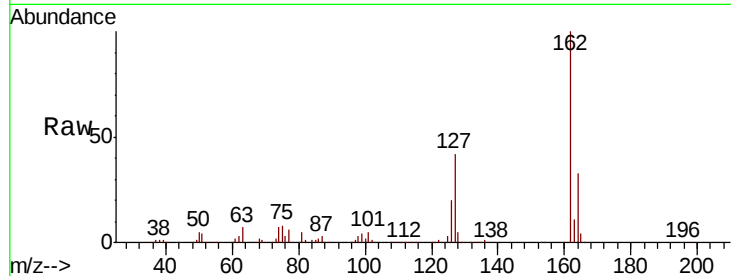




#47
 2-Chloronaphthalene
 Concen: 41.422 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	35.5	53.3
164	33.2	25.8	38.8

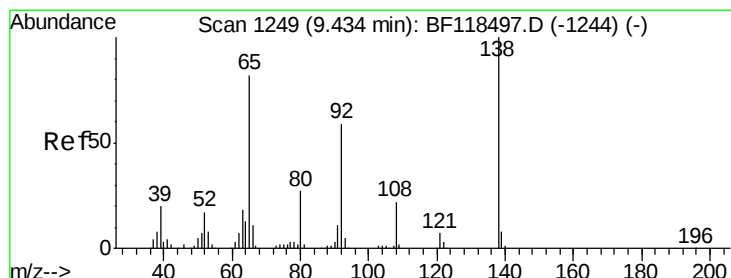
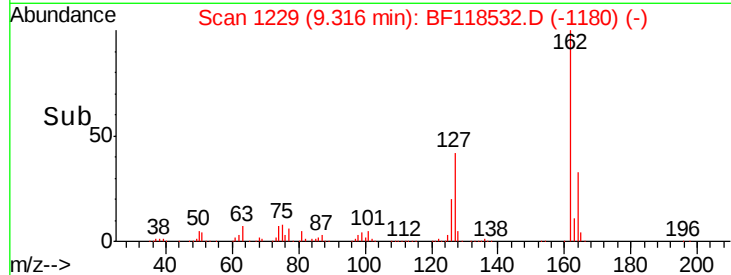
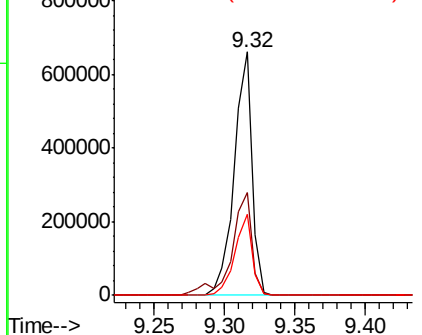


Abundance

Ion 162.00 (161.70 to 162.70): E

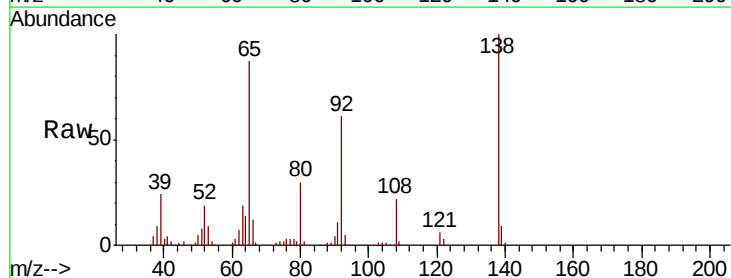
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 43.827 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	57.7	86.5
138	114.3	97.2	145.8

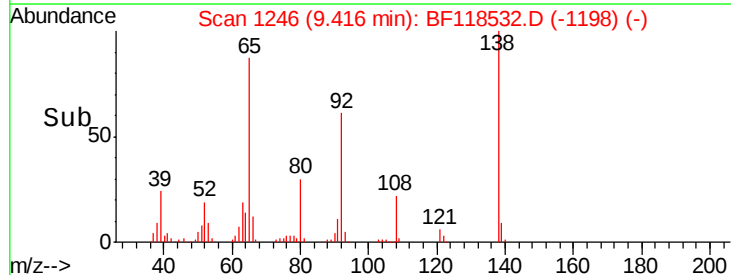
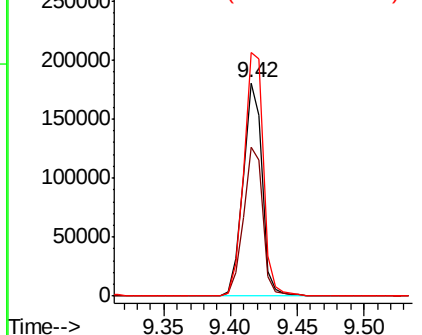


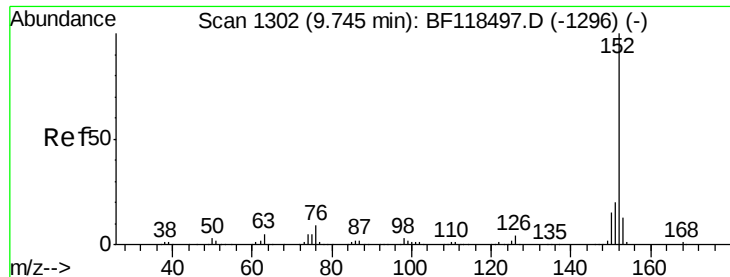
Abundance

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: 41.892 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

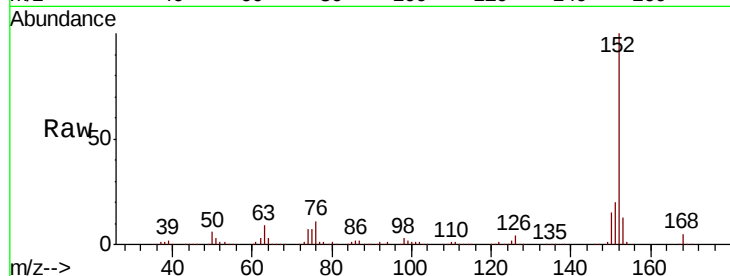
Tot Ion:152 Resp: 875847

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

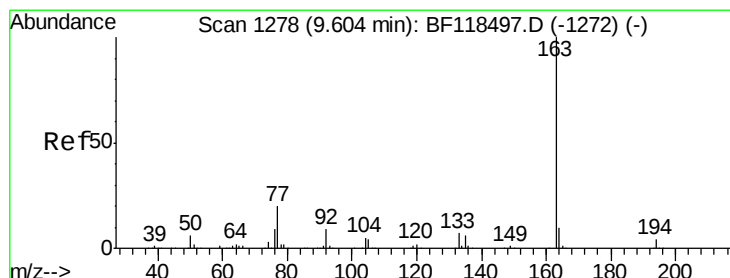
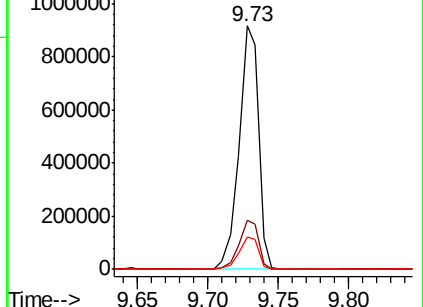
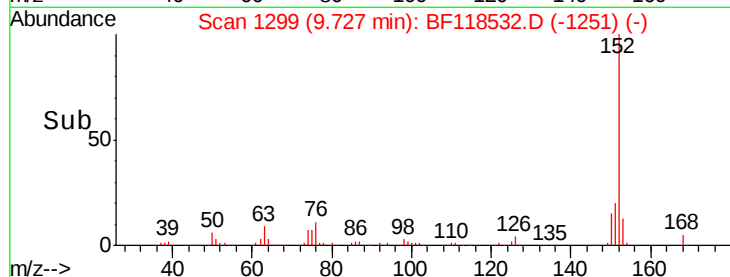
153 13.3 10.6 16.0



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: 41.613 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

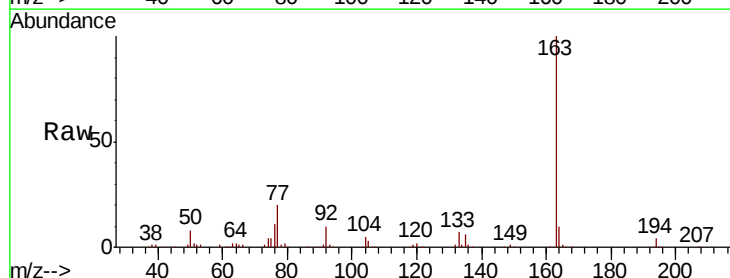
Tgt Ion:163 Resp: 693654

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

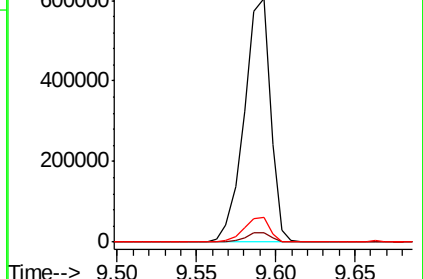
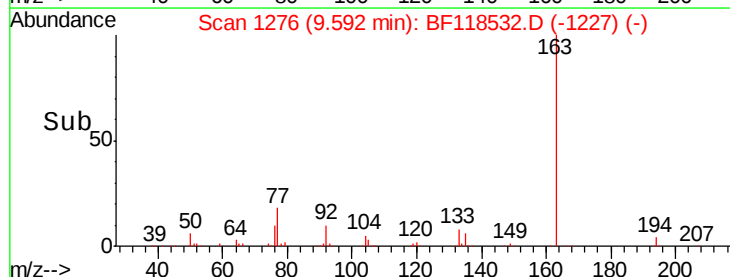
164 10.0 8.1 12.1

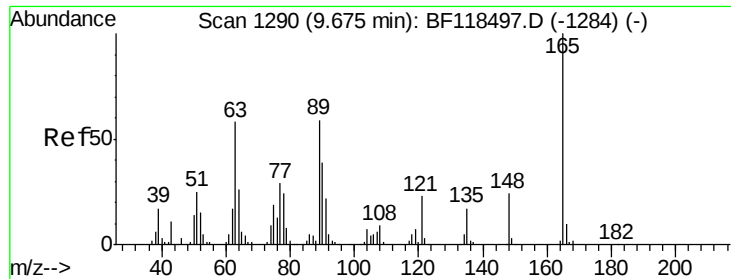


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

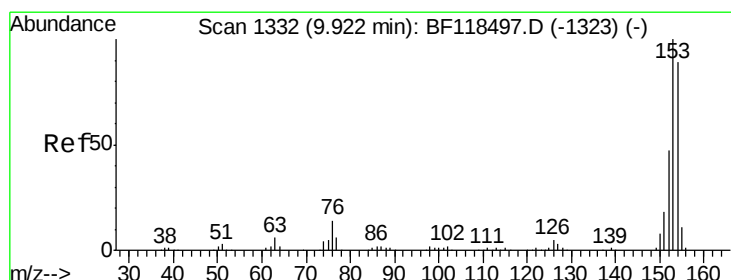
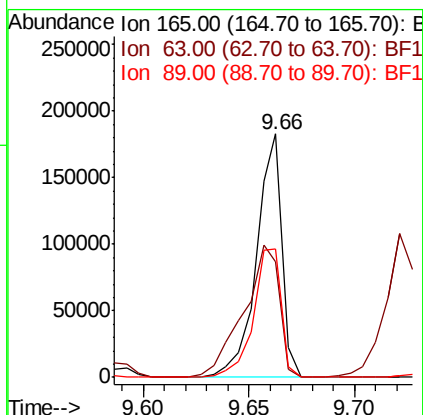
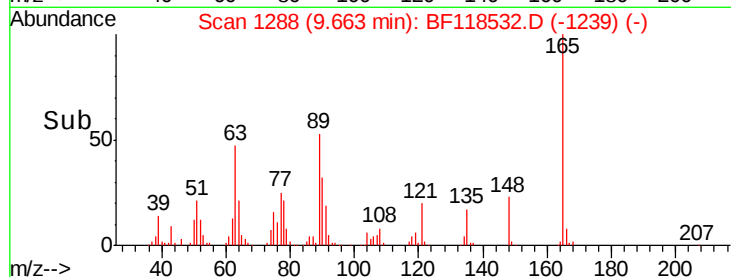
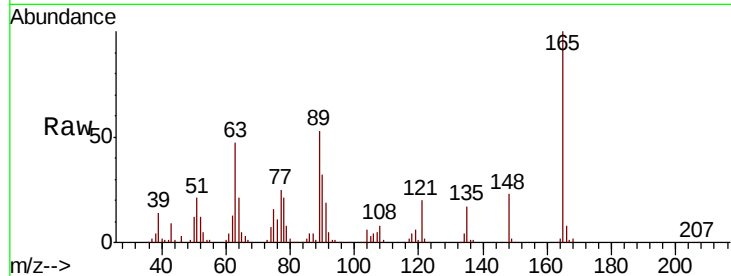




#51
 2,6-Dinitrotoluene
 Concen: 42.597 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

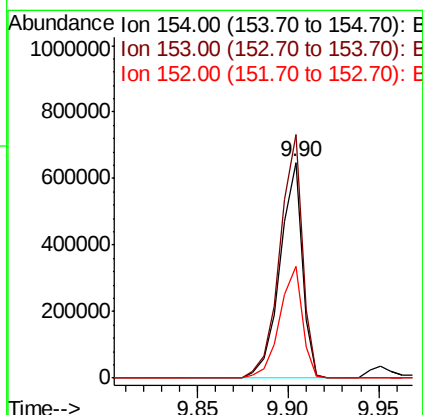
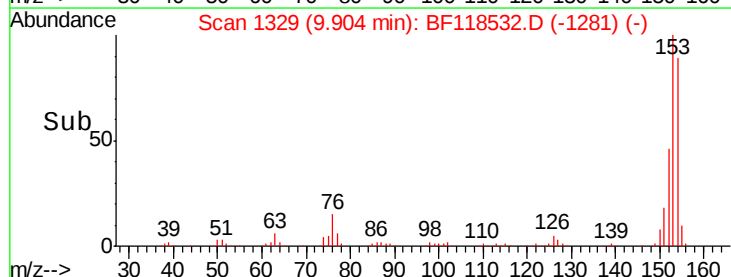
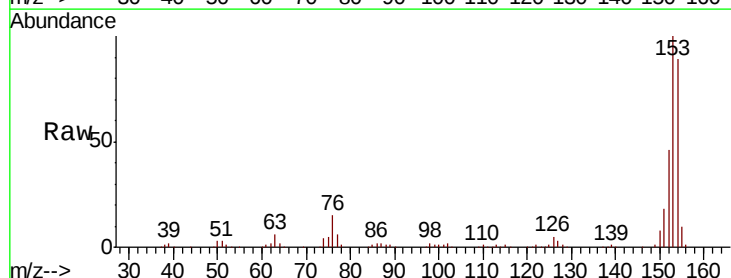
Instrument :
 BNA_F
 ClientSampled :

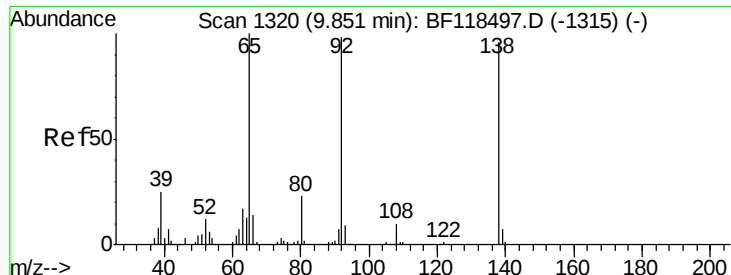
Tot Ion:165 Resp: 152909
 Ion Ratio Lower Upper
 165 100
 63 47.2 46.6 70.0
 89 52.5 47.5 71.3



#52
 Acenaphthene
 Concen: 43.539 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Tgt Ion:154 Resp: 555874
 Ion Ratio Lower Upper
 154 100
 153 112.8 89.7 134.5
 152 52.0 41.9 62.9

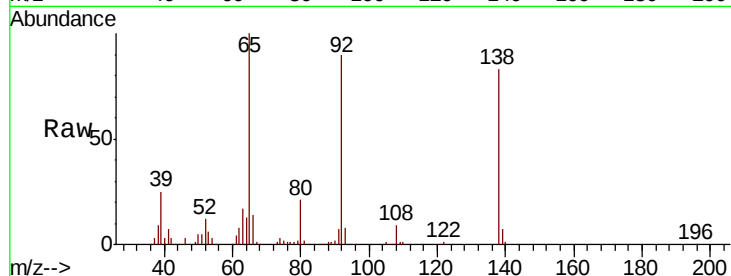




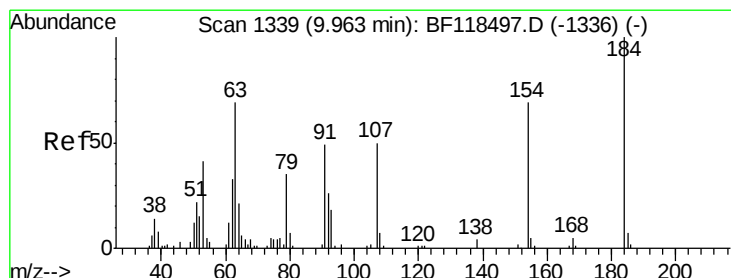
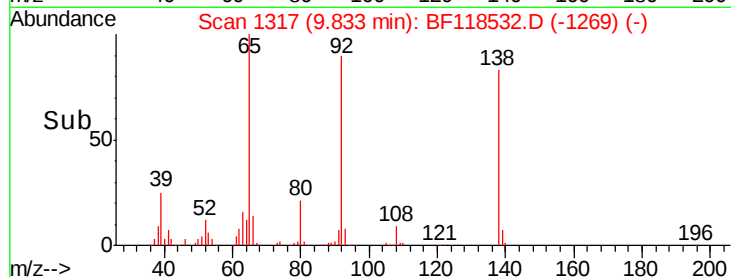
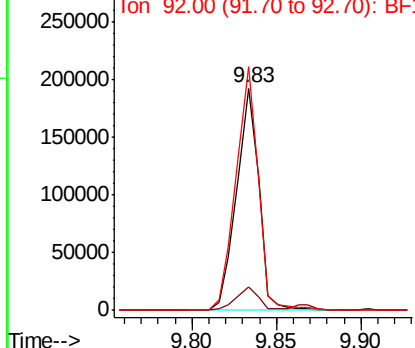
#53
3-Nitroaniline
Concen: 42.167 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 177308
Ion Ratio Lower Upper
138 100
108 10.5 8.1 12.1
92 109.4 81.6 122.4

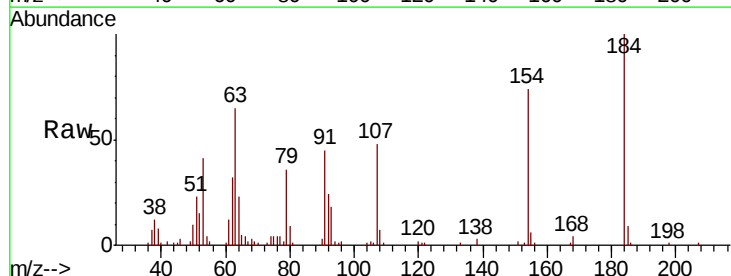


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

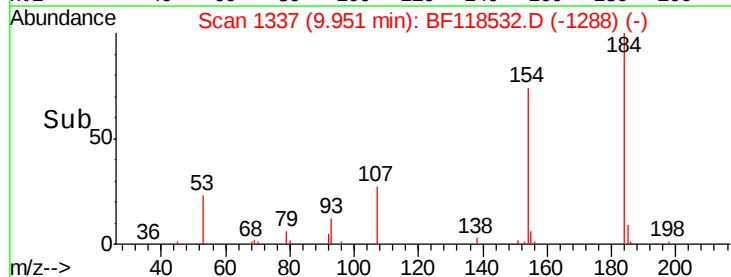
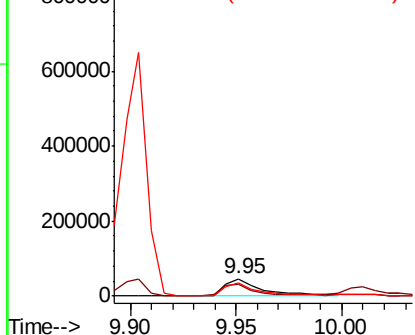


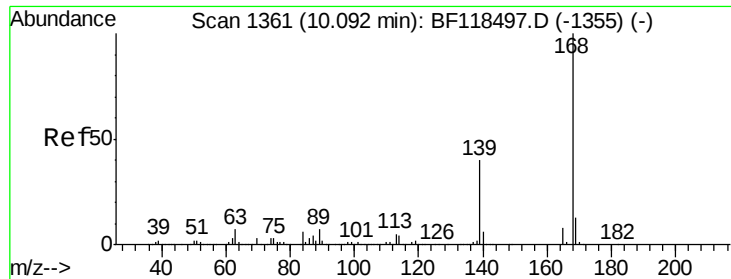
#54
2,4-Dinitrophenol
Concen: 39.343 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion:184 Resp: 57478
Ion Ratio Lower Upper
184 100
63 65.1 55.3 82.9
154 73.9 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

Dibenzenofuran

Concen: 43.211 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

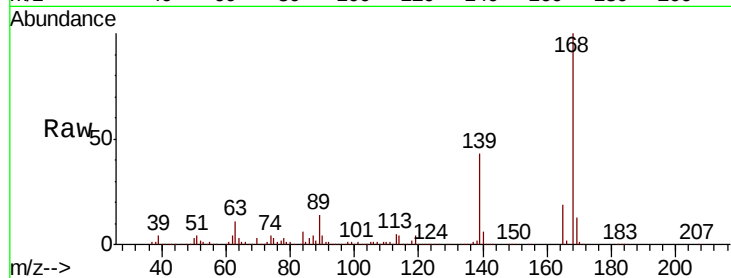
Tot Ion:168 Resp: 828619

Ion Ratio Lower Upper

168 100

139 42.6 32.5 48.7

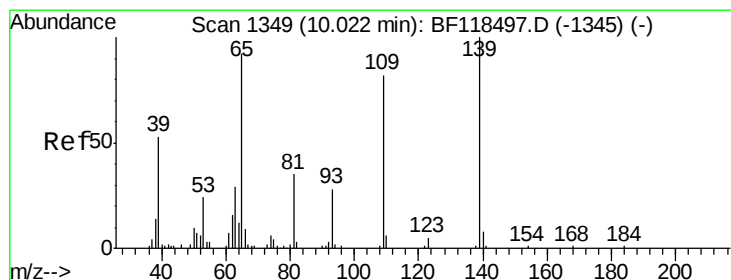
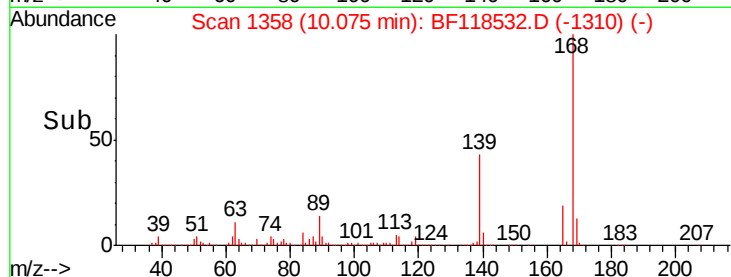
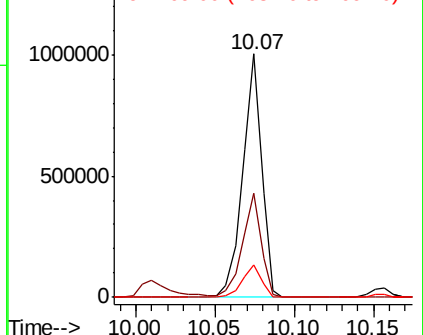
169 13.3 10.6 16.0



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: 44.216 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

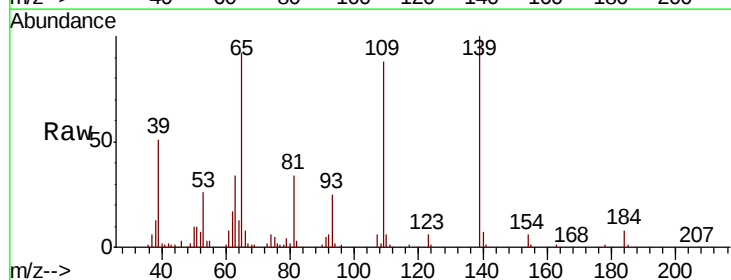
Tgt Ion:139 Resp: 90274

Ion Ratio Lower Upper

139 100

109 88.0 62.2 102.2

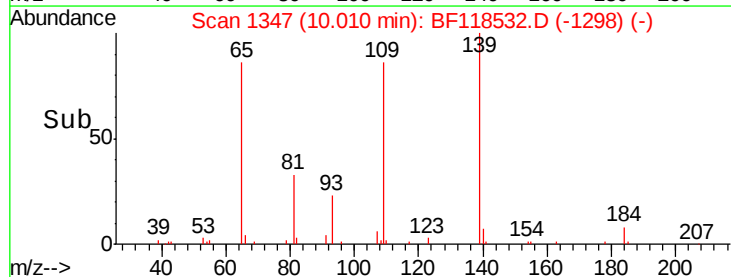
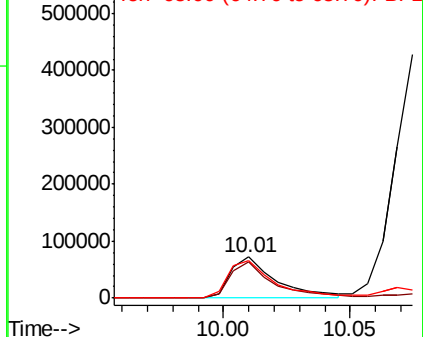
65 91.8 72.8 112.8

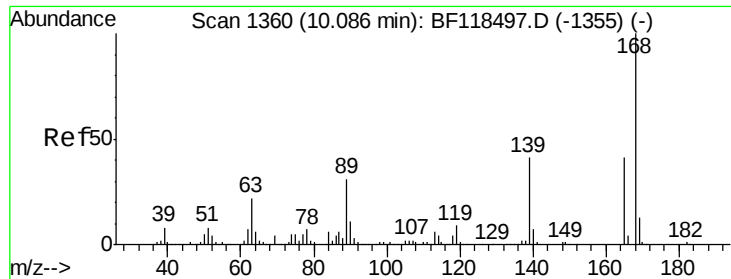


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

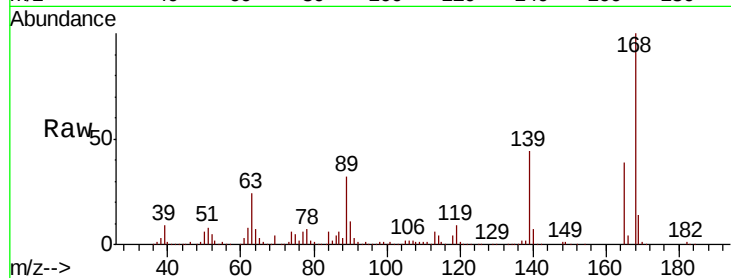




#57
2,4-Dinitrotoluene
Concen: 44.627 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.4	44.1	66.1
89	81.4	60.4	90.6
182	2.7	2.0	3.0



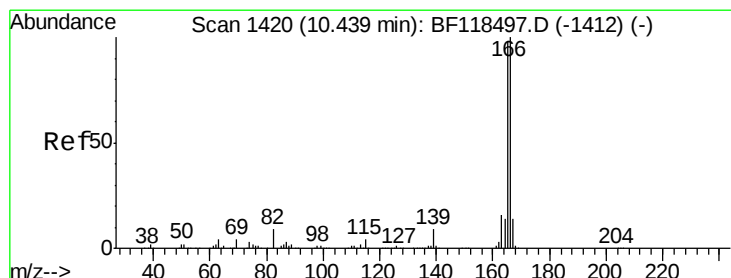
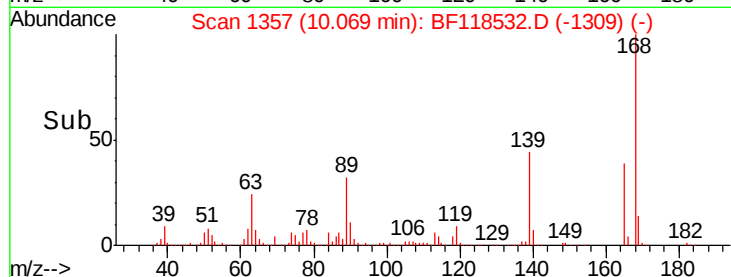
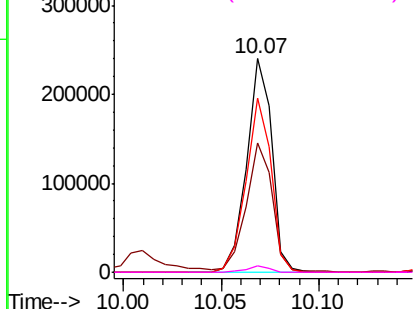
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

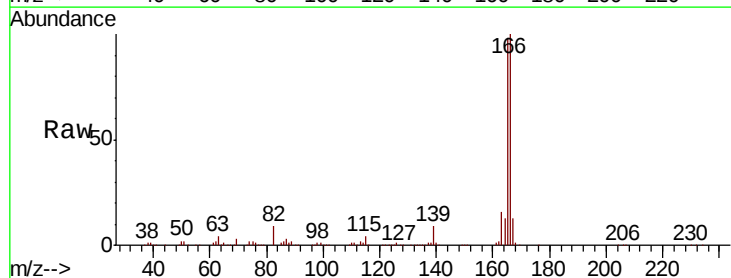
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.944 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	13.3	10.8	16.2

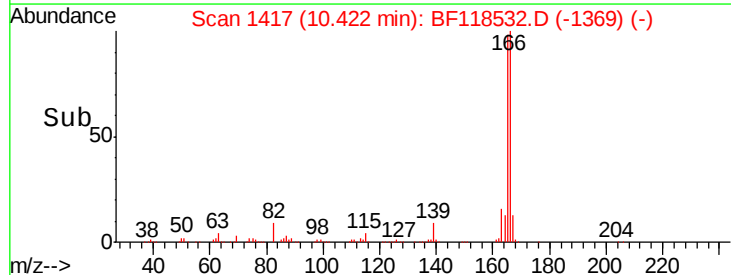
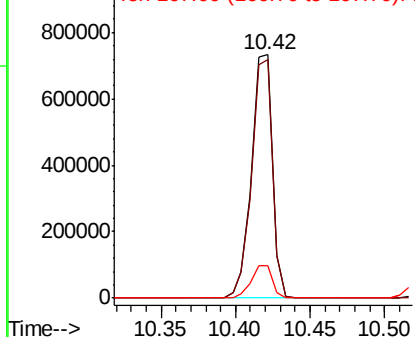


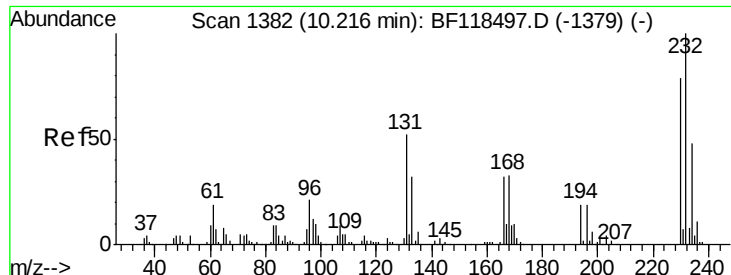
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

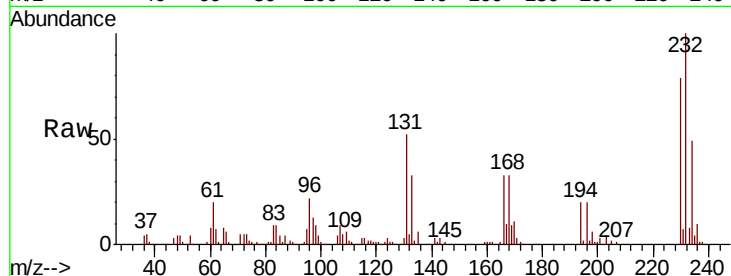




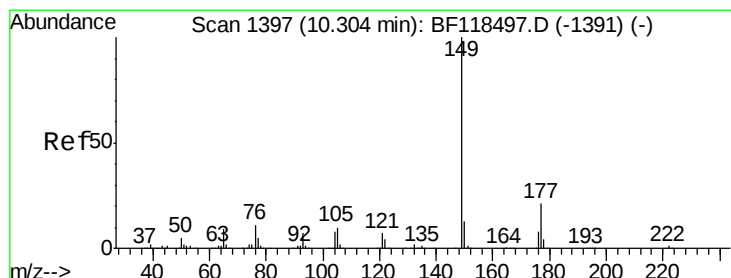
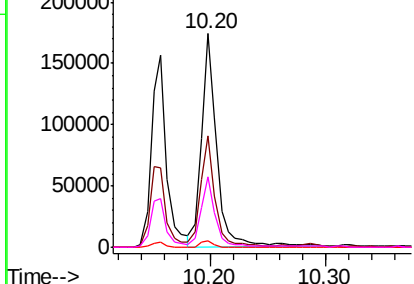
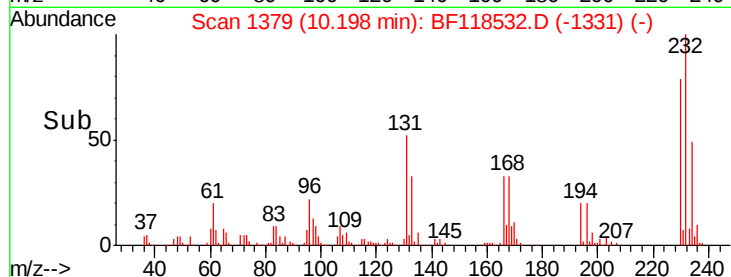
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.563 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.02 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 160811
 Ion Ratio Lower Upper
 232 100
 131 51.1 42.2 63.4
 130 2.9 2.1 3.1
 166 30.7 25.7 38.5

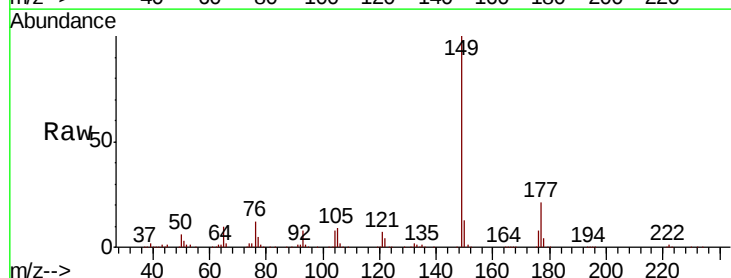


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

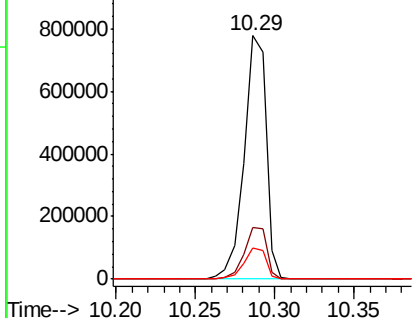
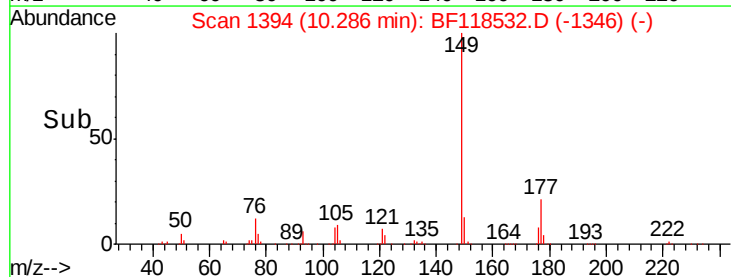


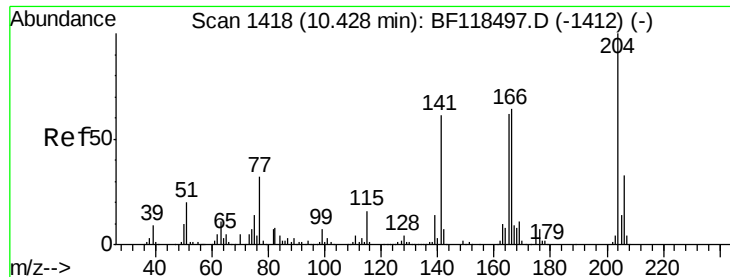
#60
 Diethylphthalate
 Concen: 44.047 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Tgt Ion:149 Resp: 747426
 Ion Ratio Lower Upper
 149 100
 177 21.4 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

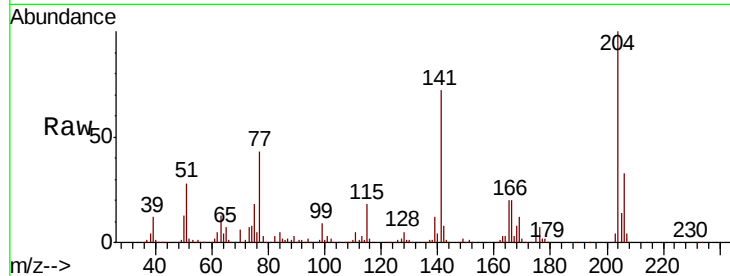




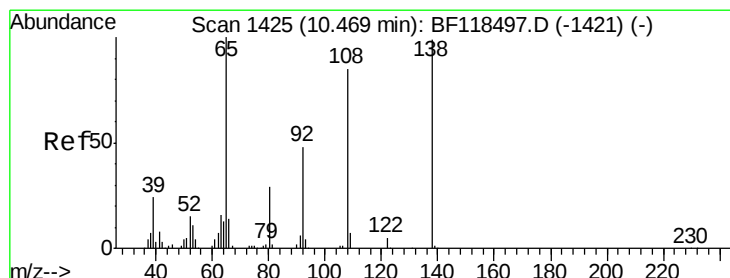
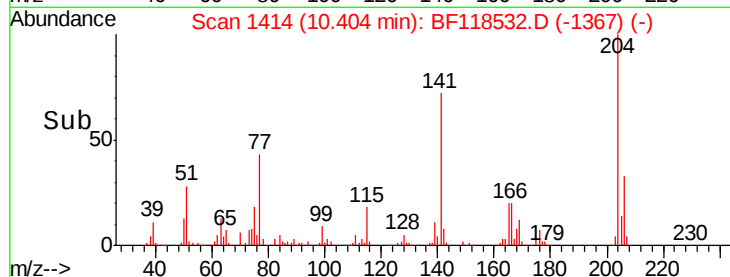
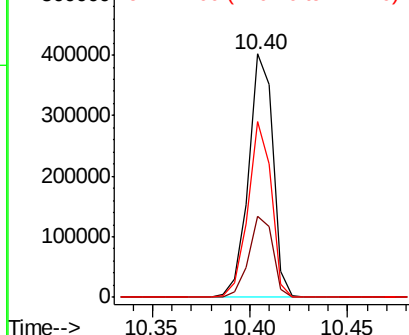
#61
4-Chlorophenyl-phenylether
Concen: 45.259 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 348555
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 72.1 49.0 73.6

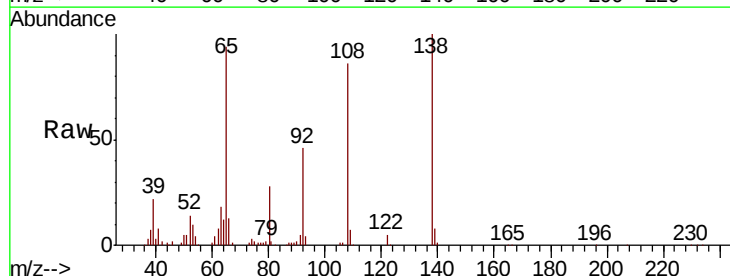


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

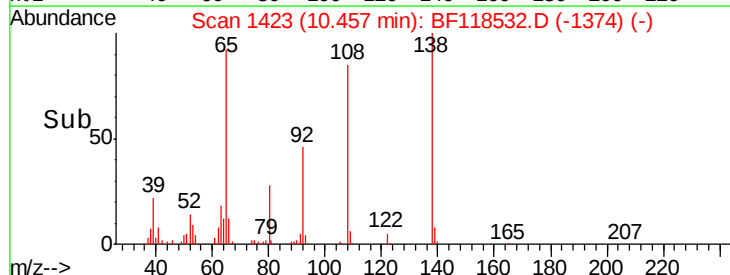
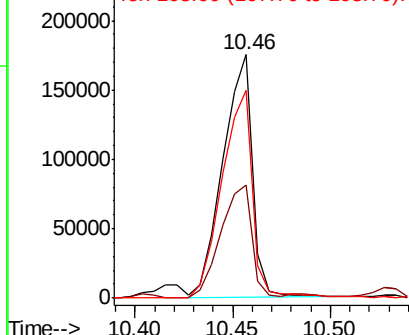


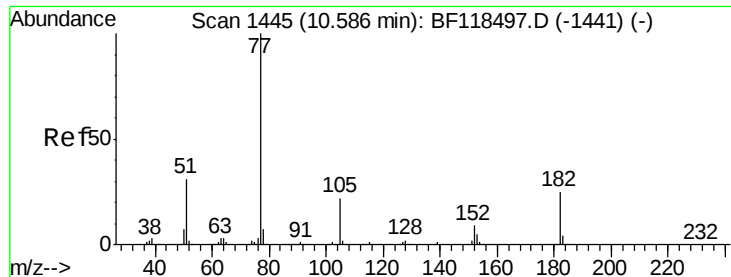
#62
4-Nitroaniline
Concen: 44.418 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion:138 Resp: 182879
Ion Ratio Lower Upper
138 100
92 46.4 27.9 67.9
108 85.6 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: 45.032 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 649355

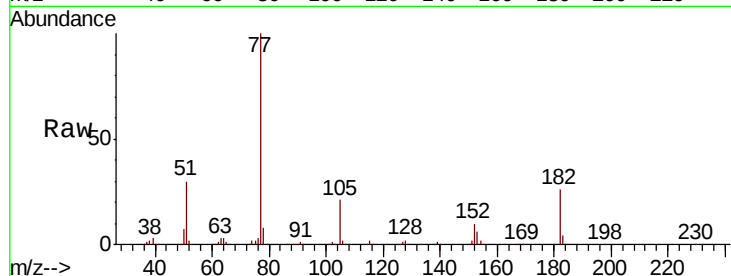
Ion Ratio Lower Upper

77 100

182 26.5 5.2 45.2

105 21.4 1.7 41.7

51 30.1 11.2 51.2

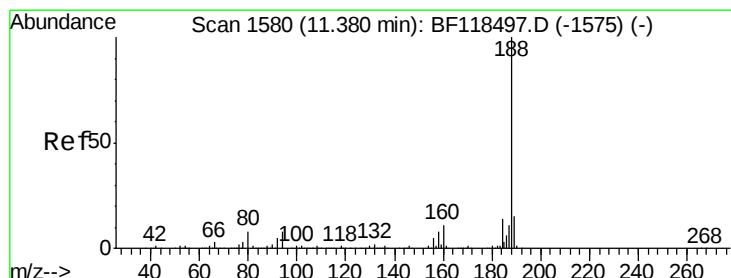
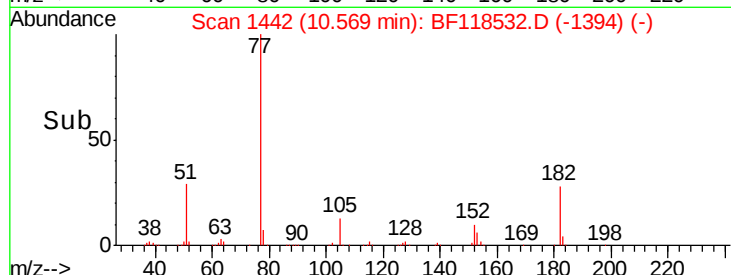
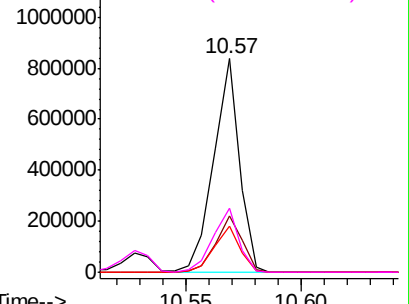


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

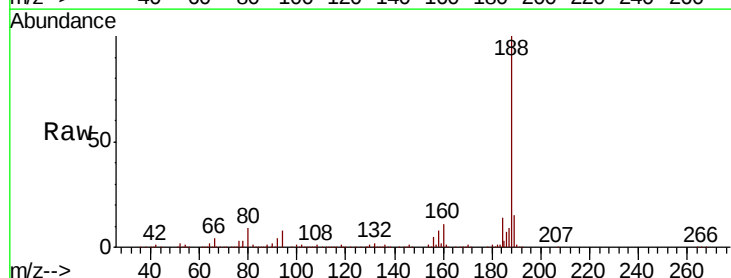
Tgt Ion: 188 Resp: 428799

Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.4

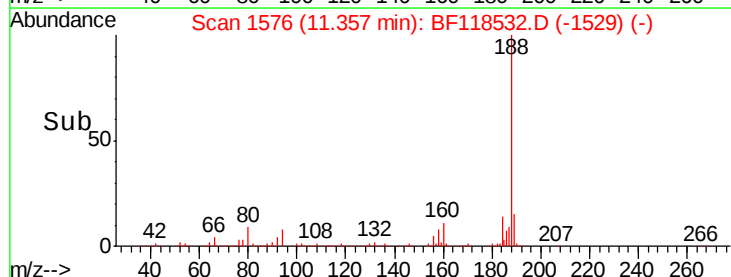
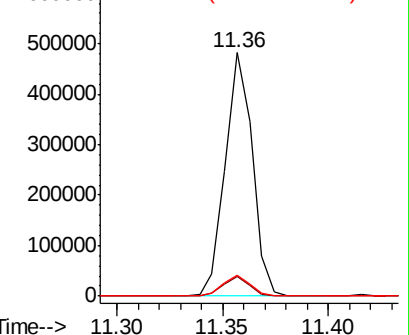
80 8.5 6.6 10.0

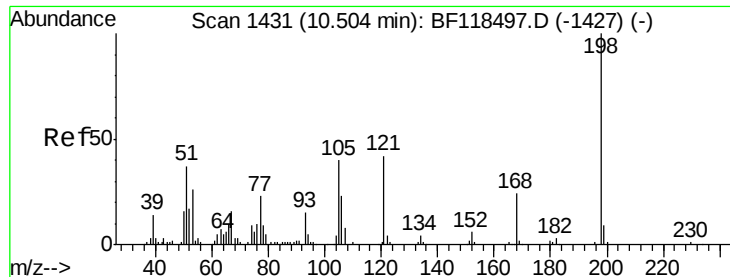


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

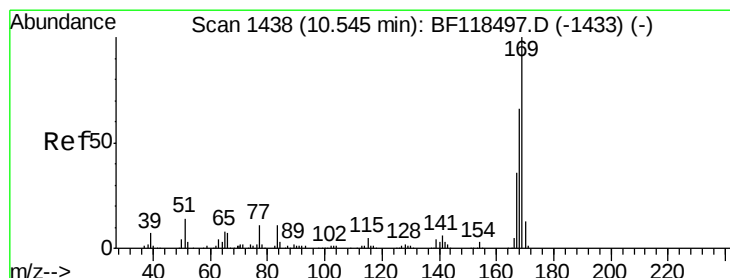
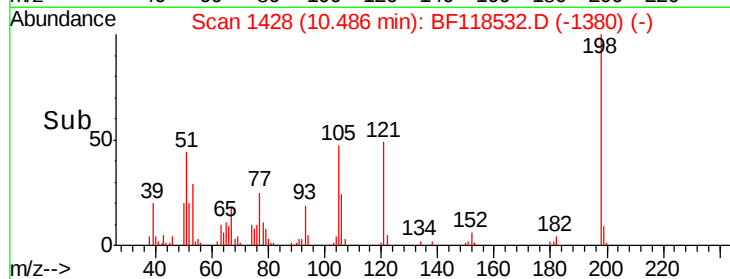
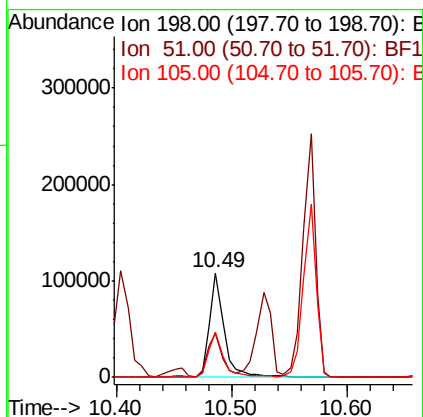
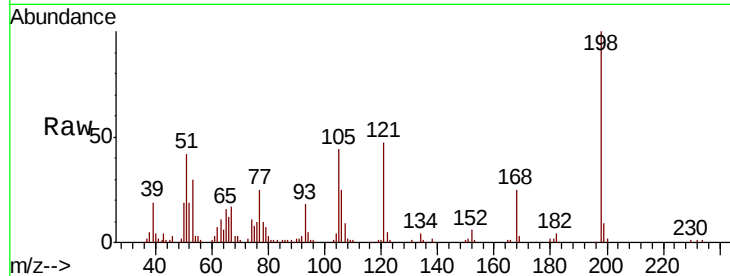




#65
4,6-Dinitro-2-methylphenol
Concen: 42.535 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

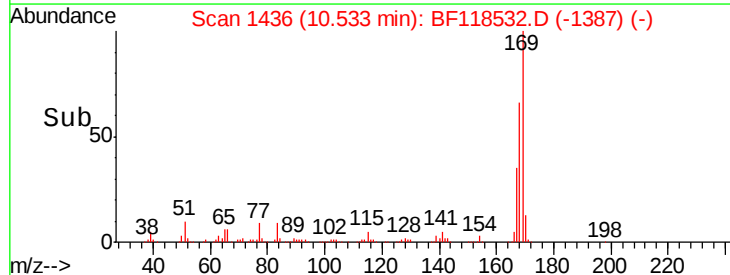
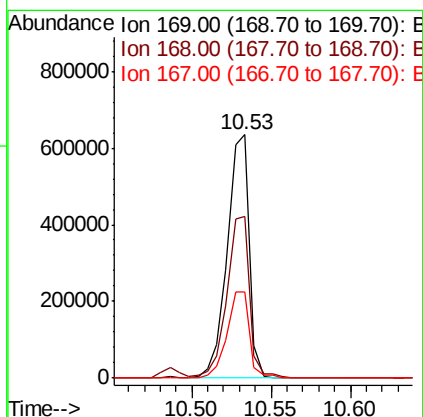
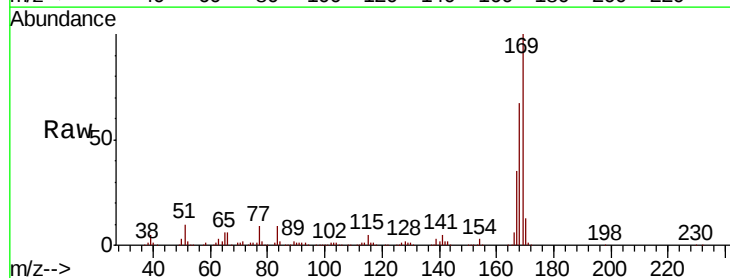
Instrument :
BNA_F
ClientSampleId :

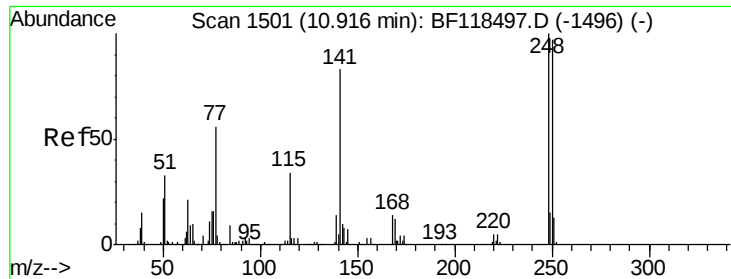
Tot Ion:198 Resp: 96417
Ion Ratio Lower Upper
198 100
51 41.9 17.8 57.8
105 43.9 20.1 60.1



#66
n-Nitrosodiphenylamine
Concen: 43.950 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion:169 Resp: 613724
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 35.4 28.9 43.3

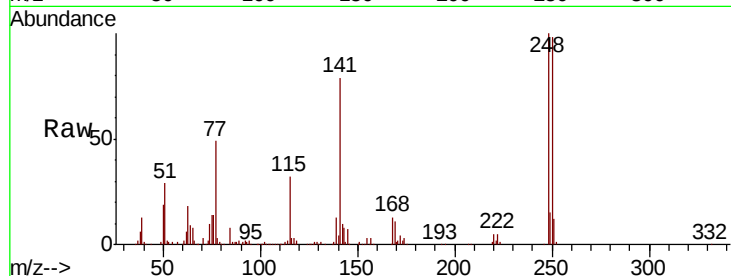




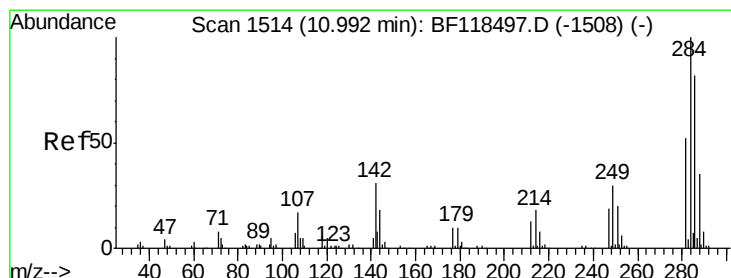
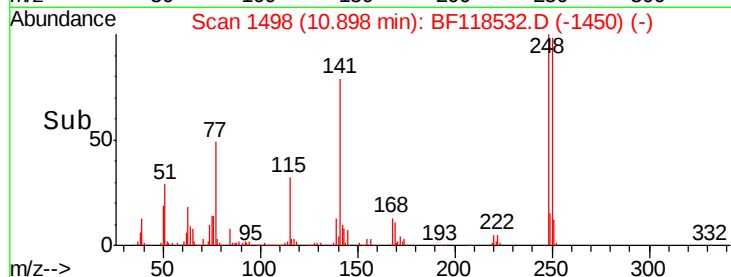
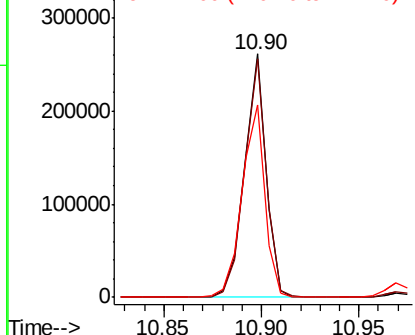
#67
4-Bromophenyl-phenylether
Concen: 40.129 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 201549
Ion Ratio Lower Upper
248 100
250 97.9 77.4 116.0
141 78.9 66.2 99.4

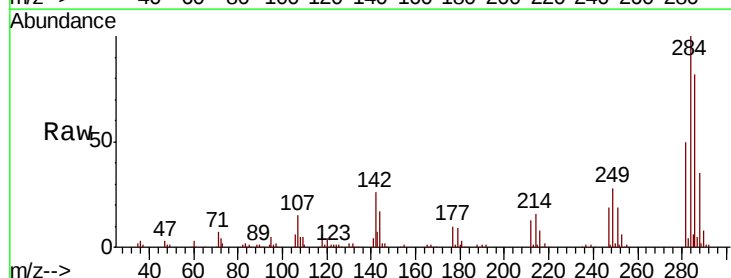


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

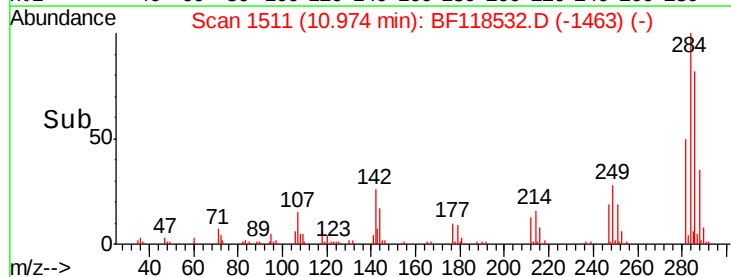
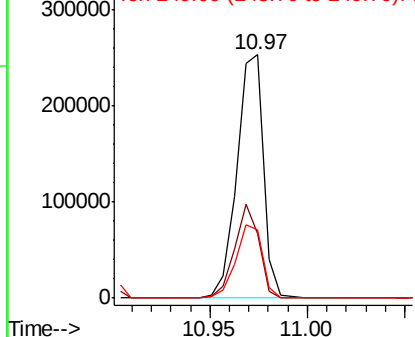


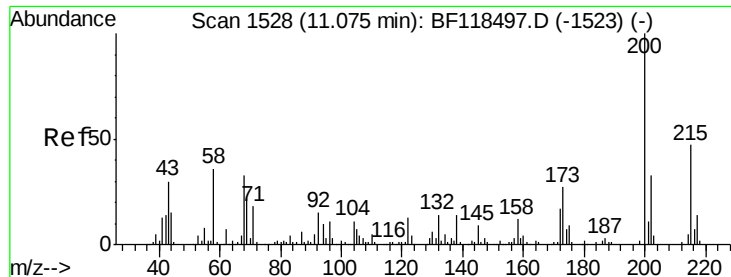
#68
Hexachlorobenzene
Concen: 39.672 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion:284 Resp: 237942
Ion Ratio Lower Upper
284 100
142 26.3 24.6 37.0
249 27.8 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

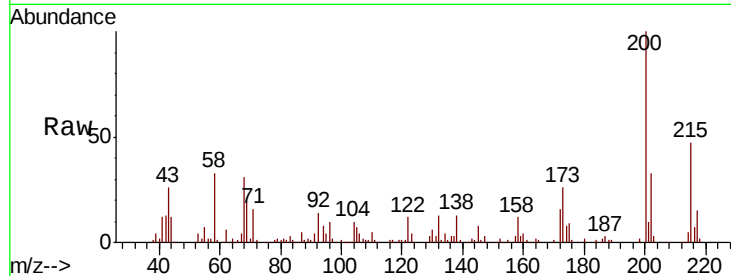




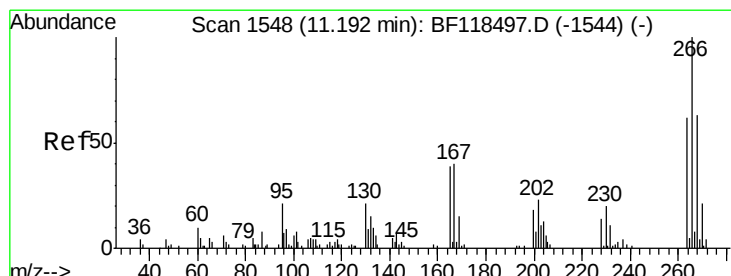
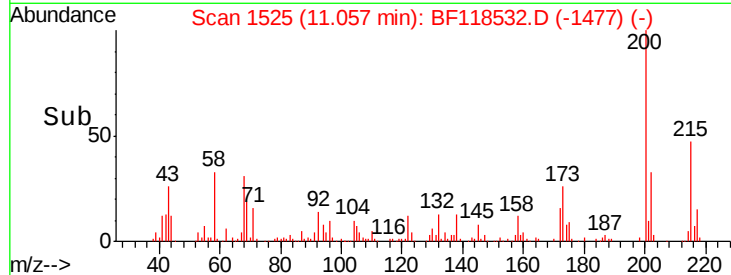
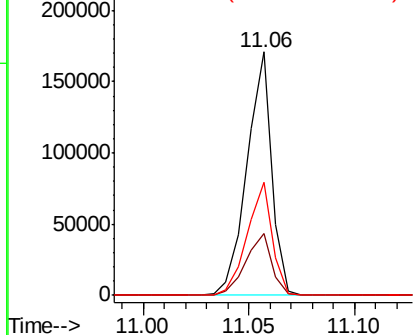
#69
 Atrazine
 Concen: 33.539 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	7.0	47.0
215	46.5	27.0	67.0

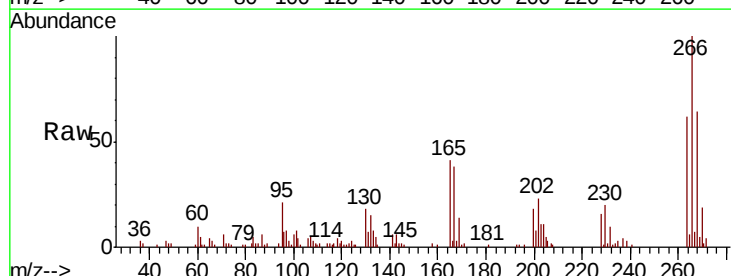


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

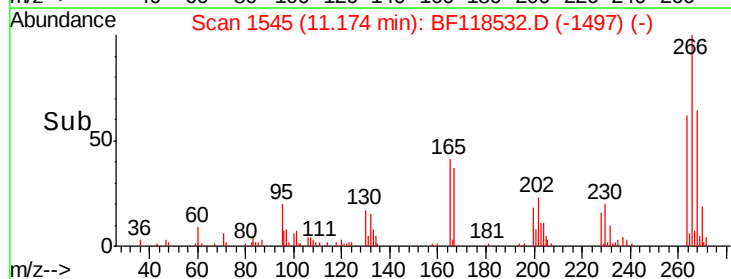
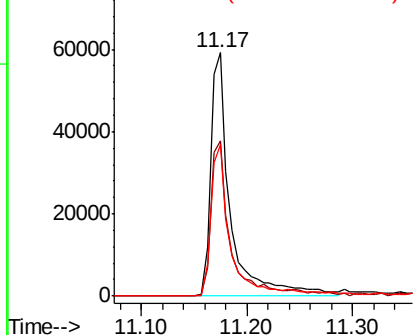


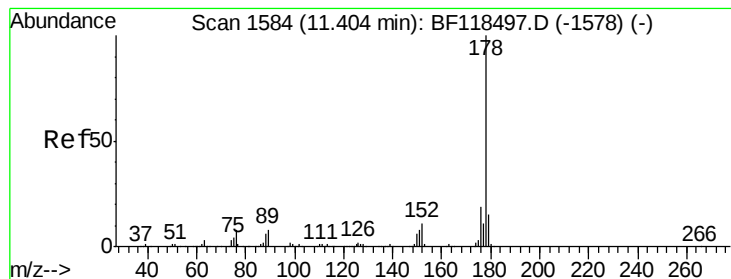
#70
 Pentachlorophenol
 Concen: 41.766 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.02 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	50.2	75.2
264	62.0	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

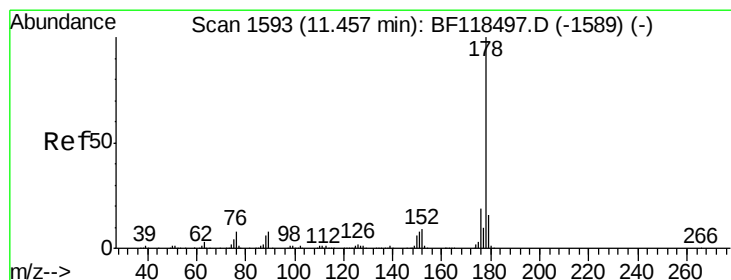
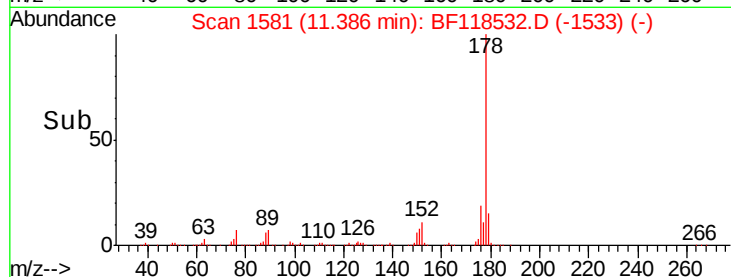
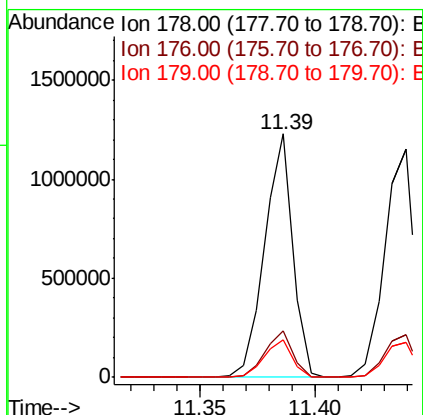
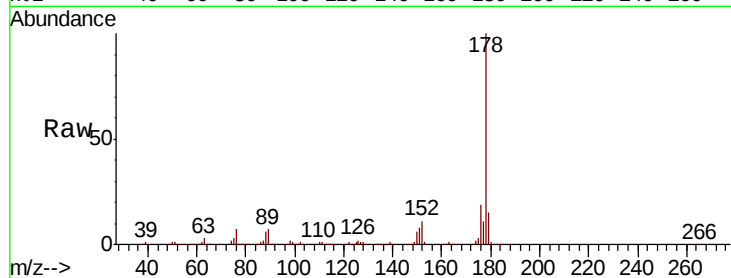




#71
Phenanthrene
Concen: 43.374 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

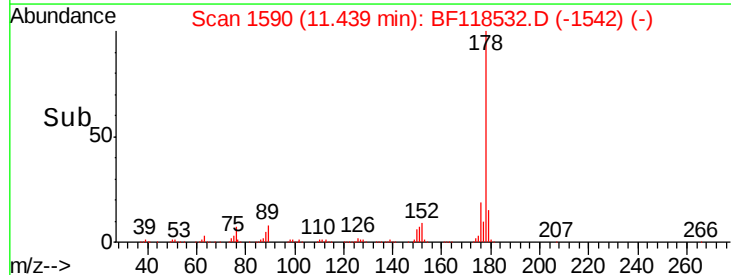
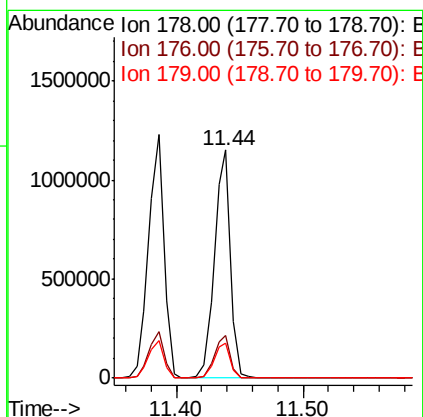
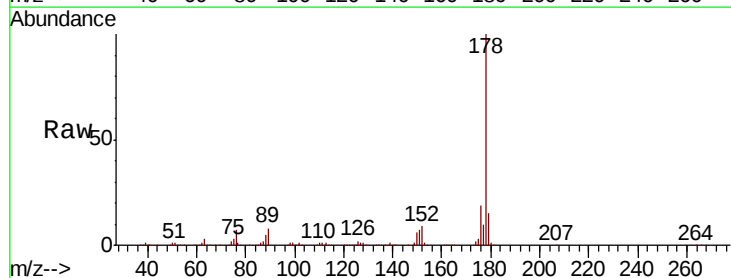
Instrument :
BNA_F
ClientSampleId :

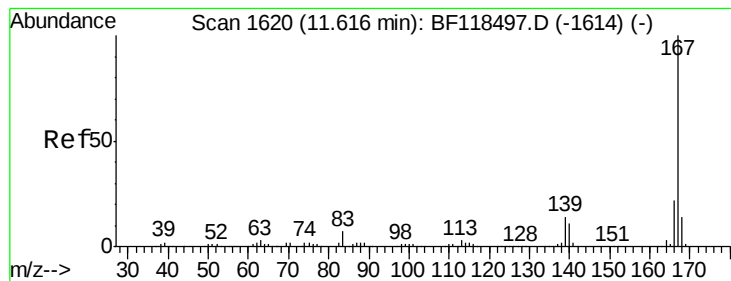
Tot Ion:178 Resp: 1041864
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.2 12.3 18.5



#72
Anthracene
Concen: 42.923 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion:178 Resp: 1025718
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.5 12.6 19.0





#73

Carbazole

Concen: 43.595 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

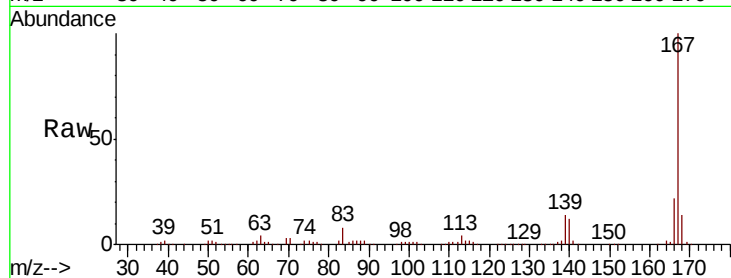
Tot Ion:167 Resp: 902457

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

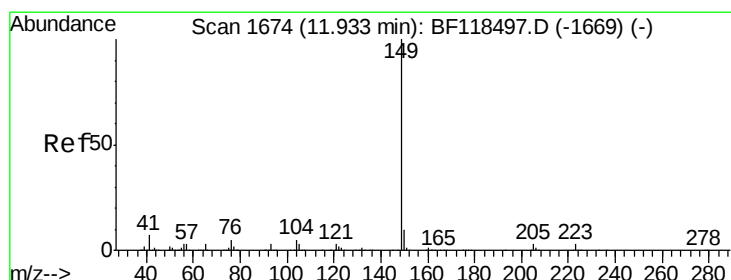
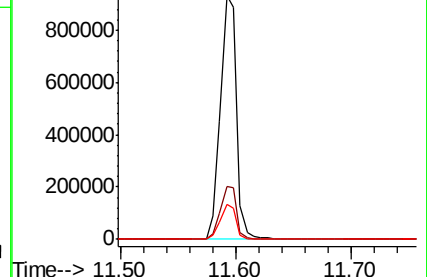
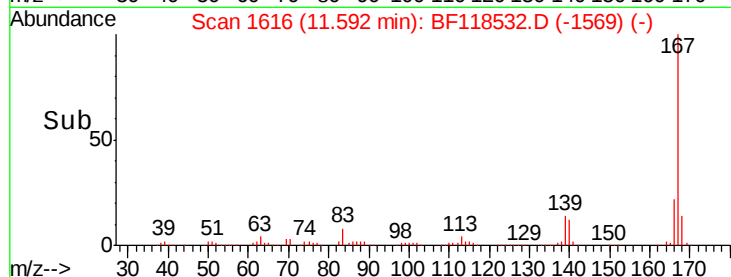
139 14.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.646 ng

RT: 11.92 min Scan# 1671

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

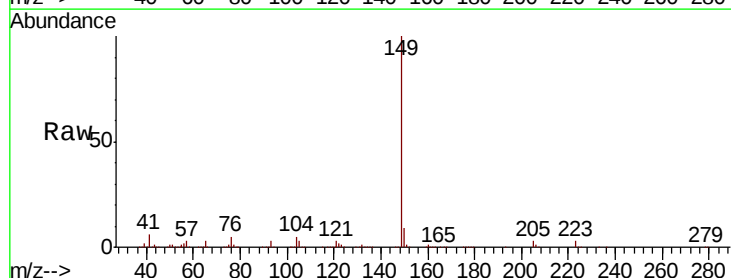
Tgt Ion:149 Resp: 1094898

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.8

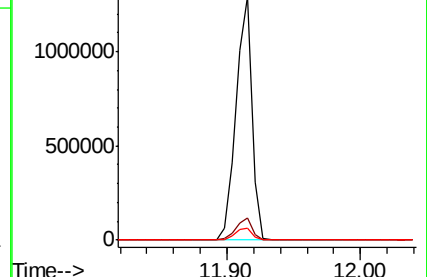
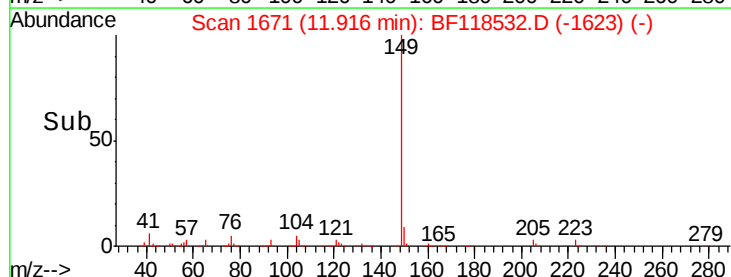
104 5.1 4.2 6.4

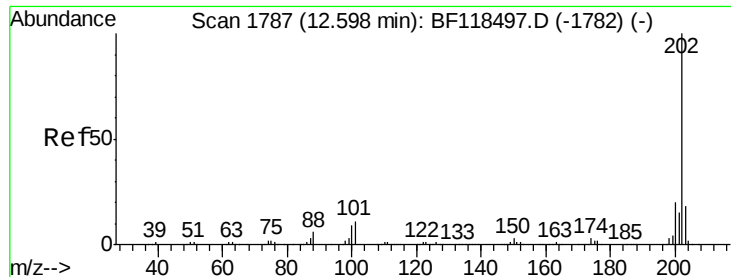


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

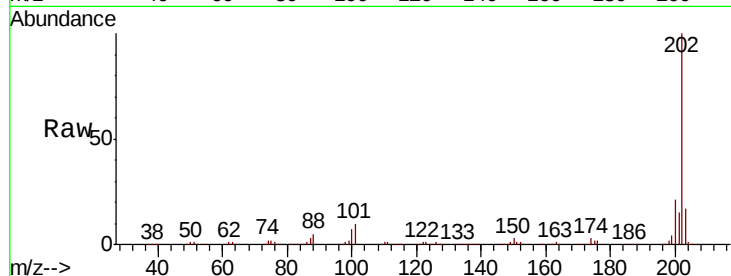




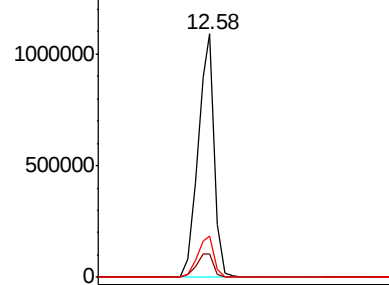
#75
 Fluoranthene
 Concen: 40.013 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.02 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Instrument :
 BNA_F
 ClientSampled :

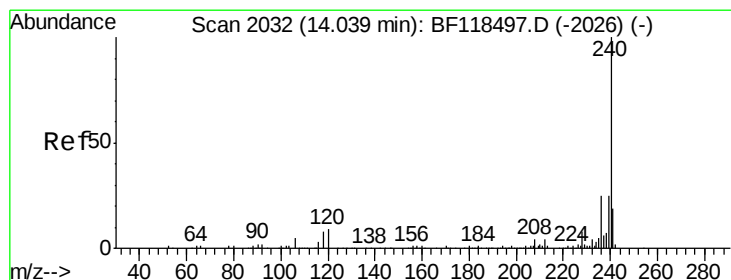
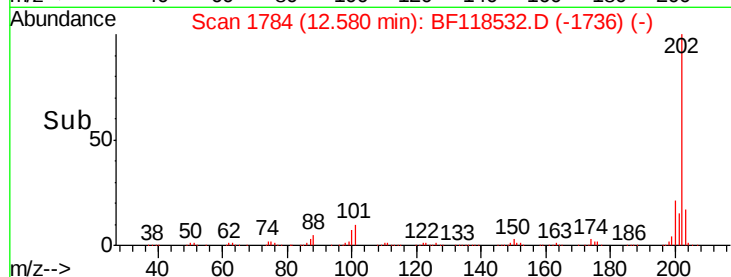
Tot Ion:202 Resp: 976910
 Ion Ratio Lower Upper
 202 100
 101 9.7 0.0 31.4
 203 17.2 0.0 38.1



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

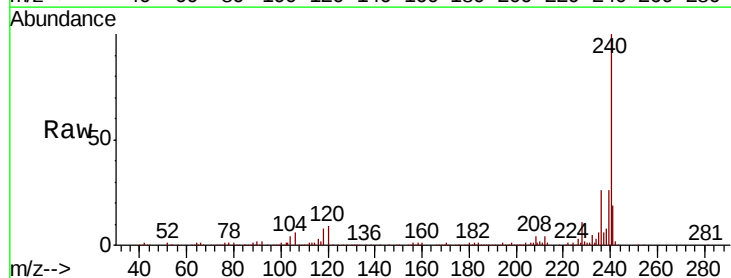


Time--> 12.50 12.60 12.70

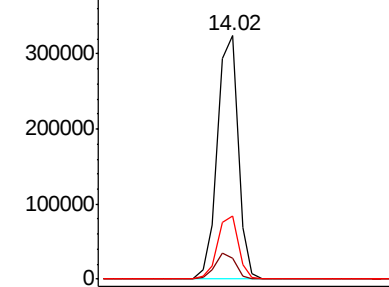


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

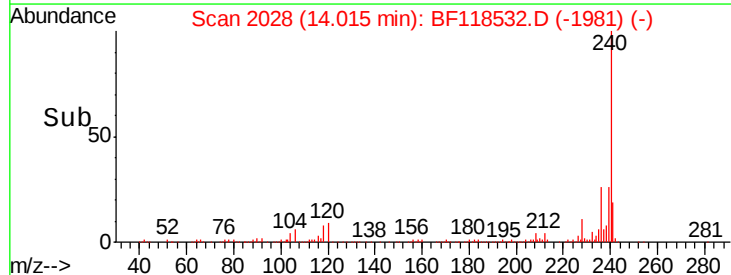
Tgt Ion:240 Resp: 276715
 Ion Ratio Lower Upper
 240 100
 120 8.6 7.0 10.6
 236 25.7 20.1 30.1

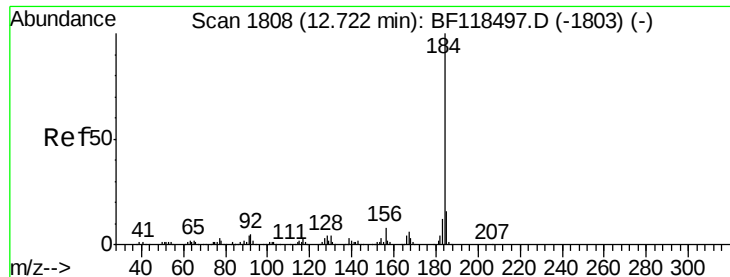


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time--> 13.95 14.00 14.05





#77

Benzidine

Concen: 47.640 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

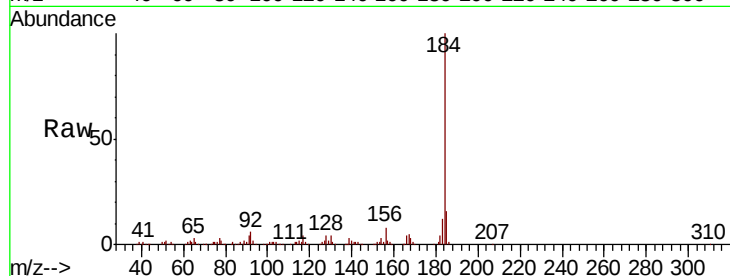
Tot Ion:184 Resp: 308759

Ion Ratio Lower Upper

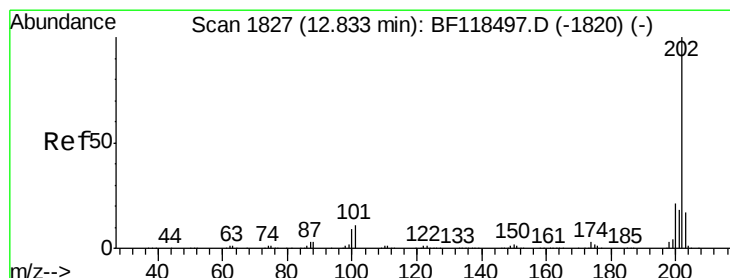
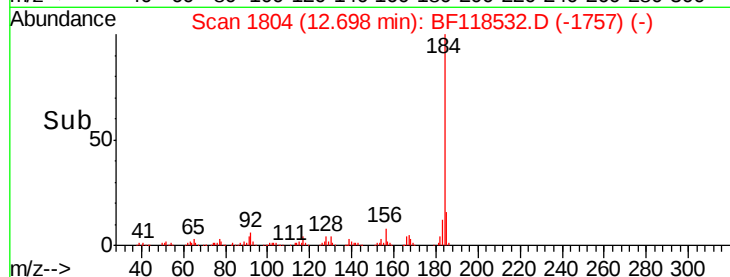
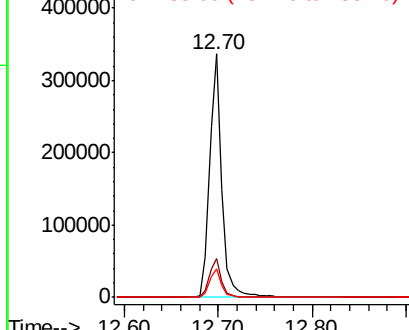
184 100

185 15.9 12.6 18.8

183 11.7 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: 45.706 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

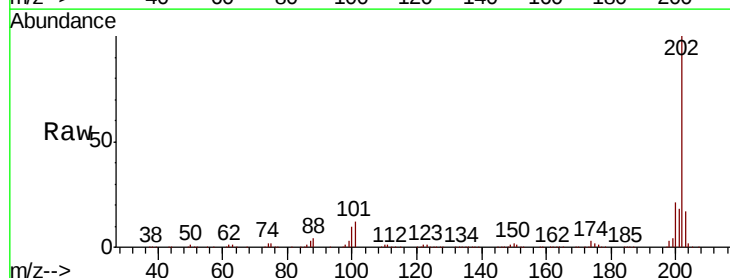
Tgt Ion:202 Resp: 1040590

Ion Ratio Lower Upper

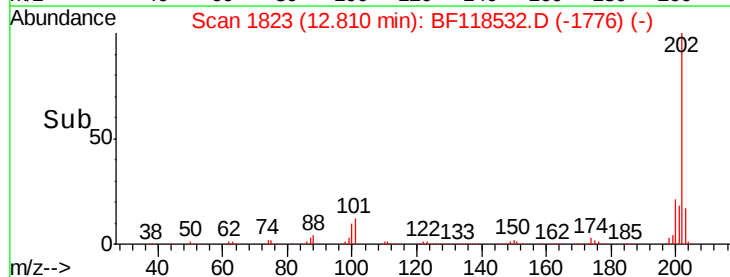
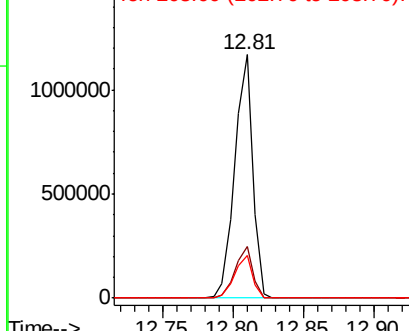
202 100

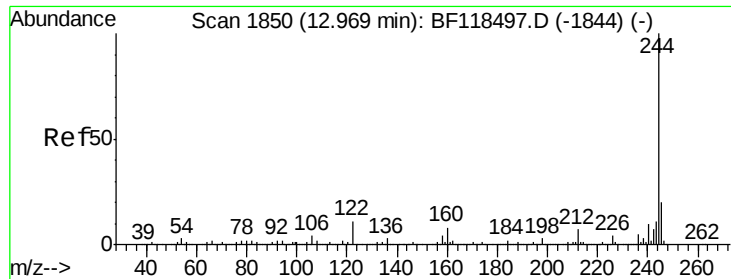
200 21.2 16.9 25.3

203 17.3 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

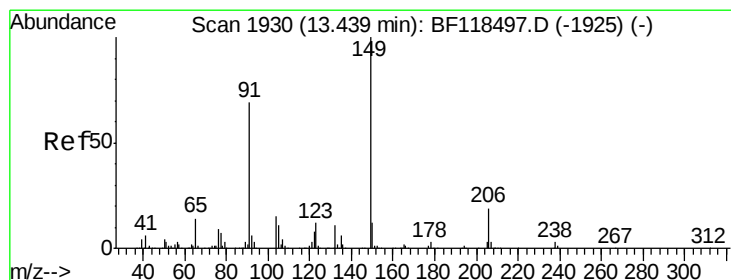
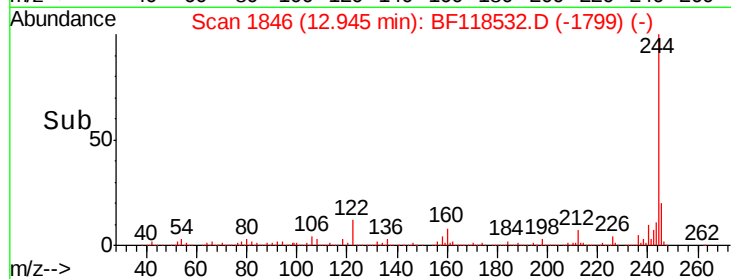
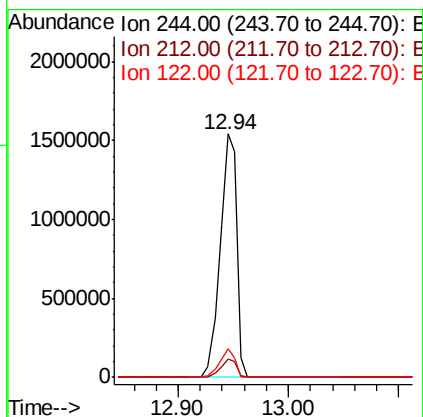
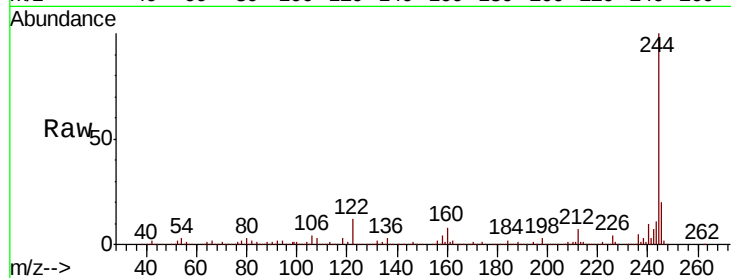




#79
 Terphenyl-d14
 Concen: 91.588 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

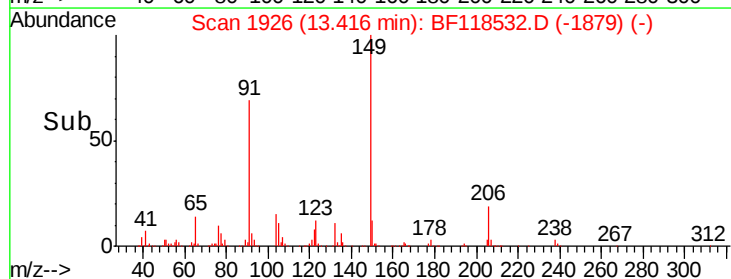
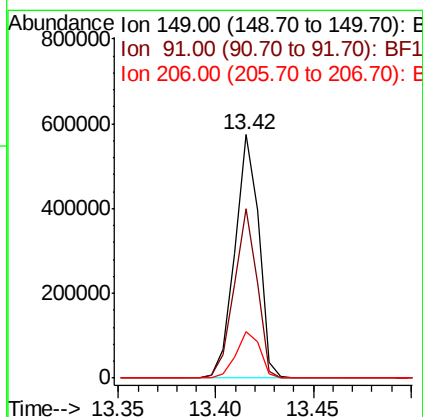
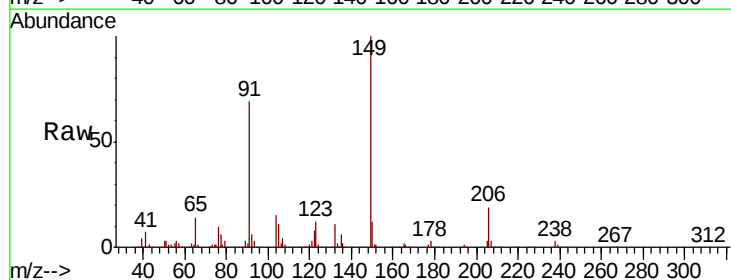
Instrument :
 BNA_F
 ClientSampleId :

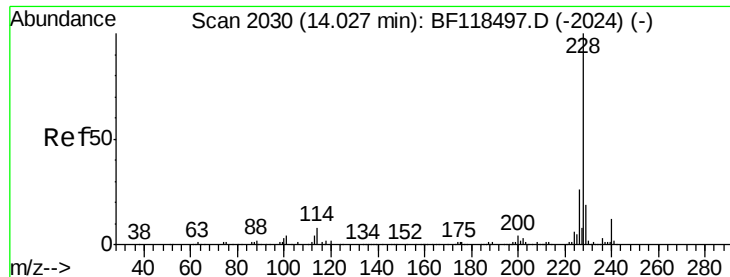
Tot Ion:244 Resp: 1599294
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 11.9 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 46.840 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Tgt Ion:149 Resp: 488376
 Ion Ratio Lower Upper
 149 100
 91 69.4 55.2 82.8
 206 18.9 15.1 22.7

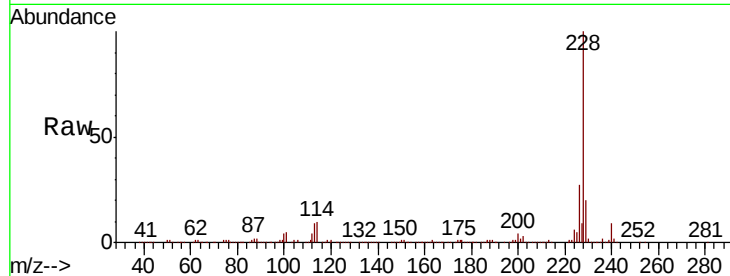




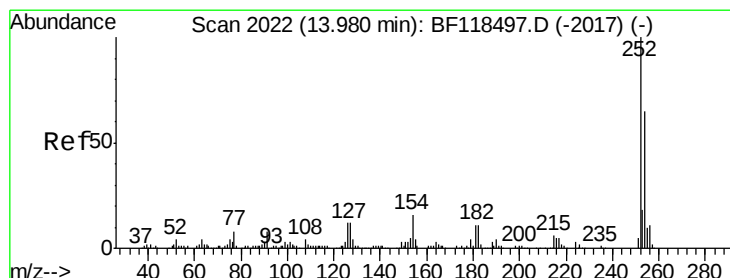
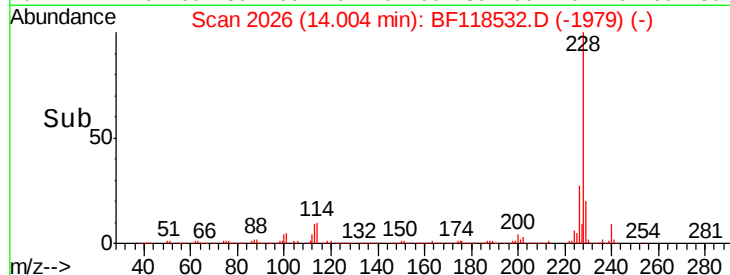
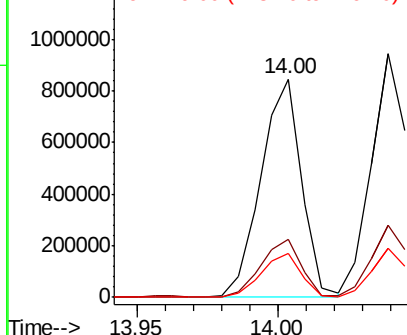
#81
Benzo(a)anthracene
Concen: 43.486 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 842265
Ion Ratio Lower Upper
228 100
226 26.7 20.7 31.1
229 20.1 15.4 23.2

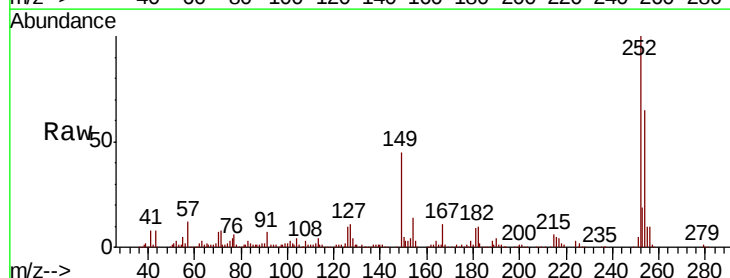


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

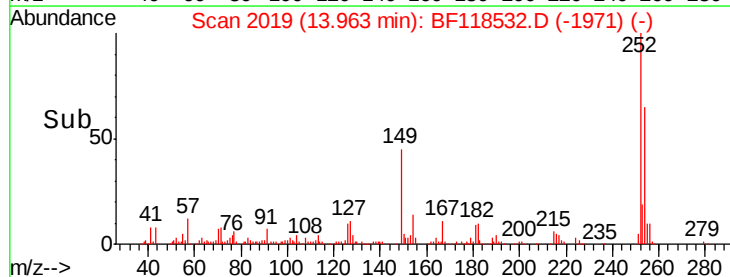
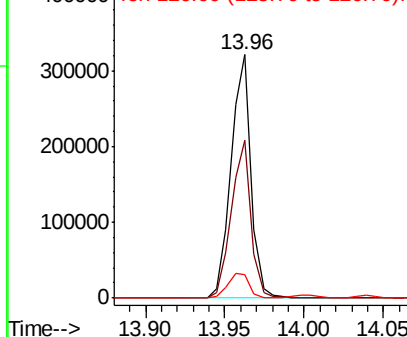


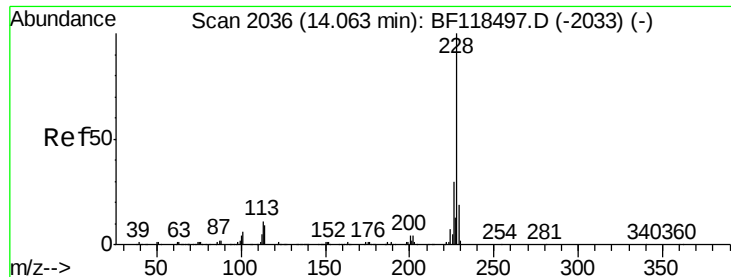
#82
3,3'-Dichlorobenzidine
Concen: 44.385 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion:252 Resp: 279554
Ion Ratio Lower Upper
252 100
254 64.6 52.1 78.1
126 9.6 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

Chrysene

Concen: 43.300 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

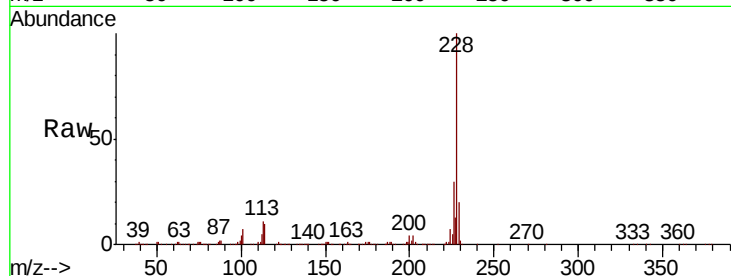
Tot Ion:228 Resp: 814964

Ion Ratio Lower Upper

228 100

226 29.9 23.6 35.4

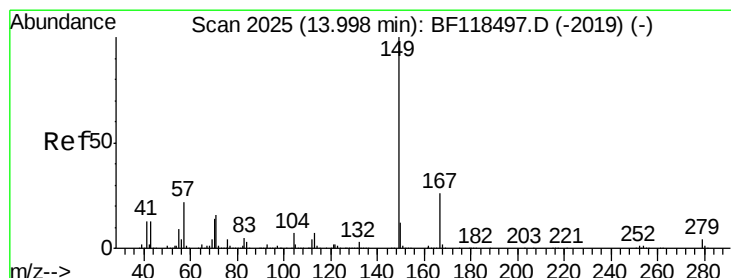
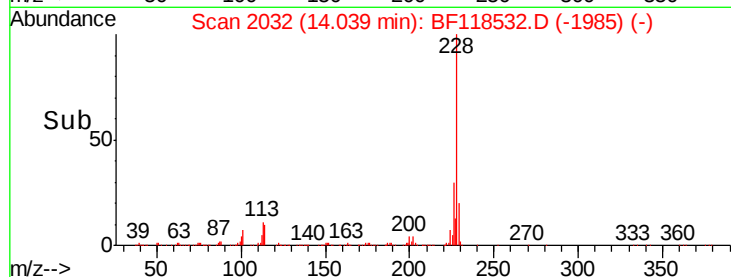
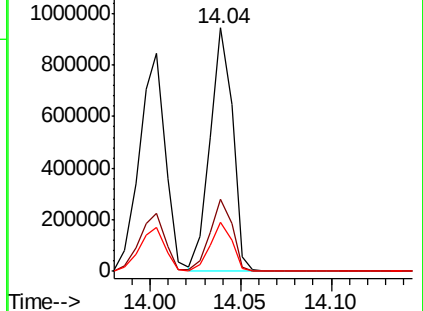
229 20.2 15.6 23.4



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: 42.863 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

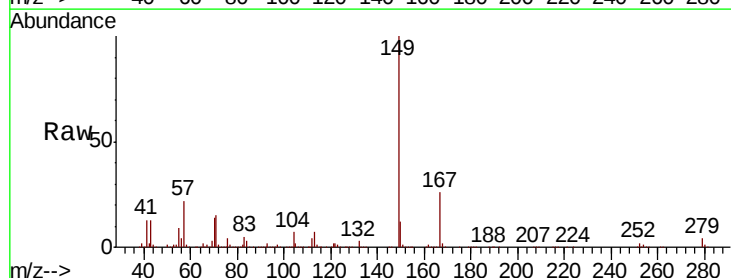
Tgt Ion:149 Resp: 606800

Ion Ratio Lower Upper

149 100

167 26.4 20.6 30.8

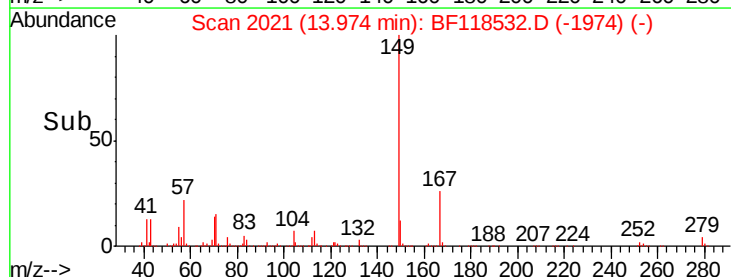
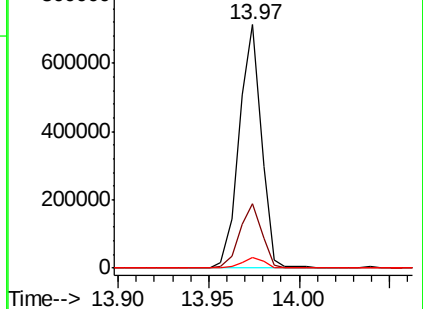
279 4.2 3.1 4.7

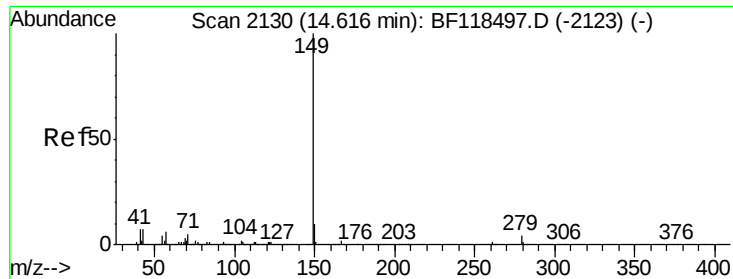


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

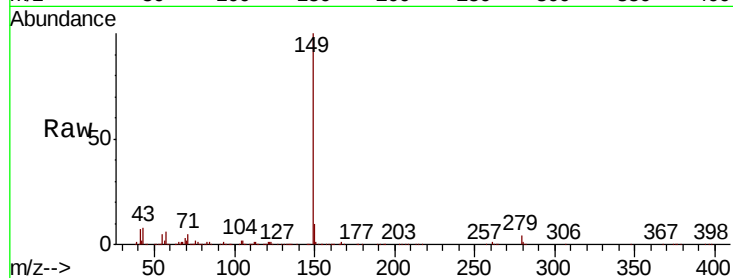




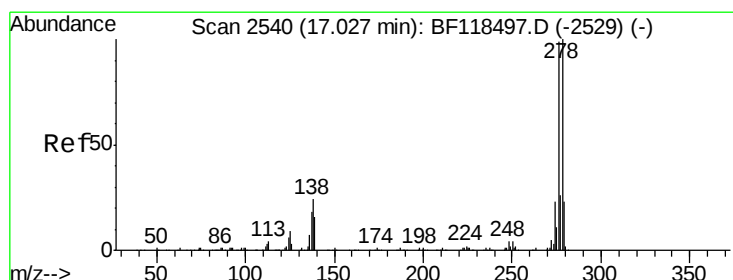
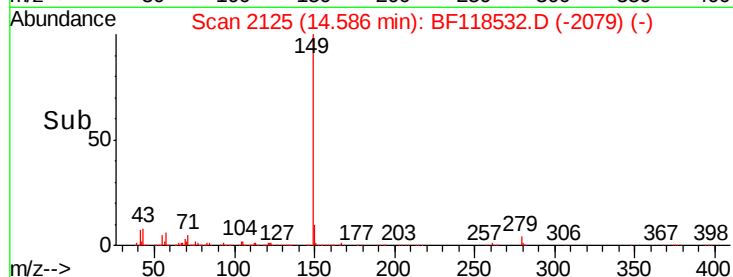
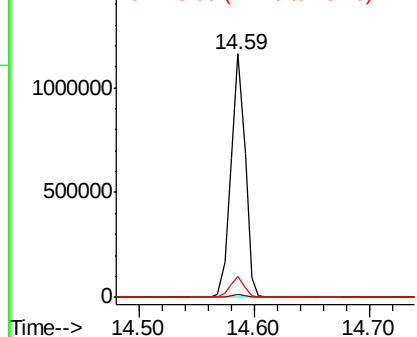
#85
Di-n-octyl phthalate
Concen: 48.858 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.03 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.4	6.4	9.6

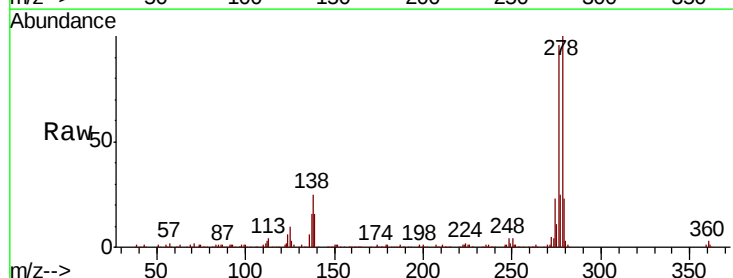


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

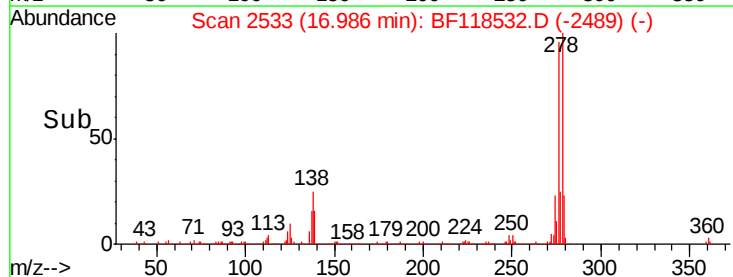
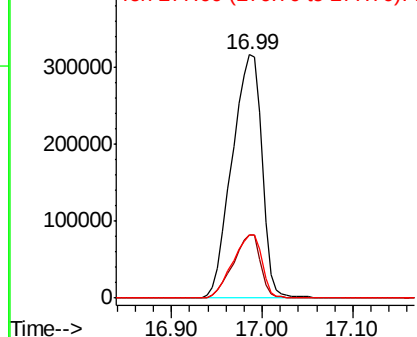


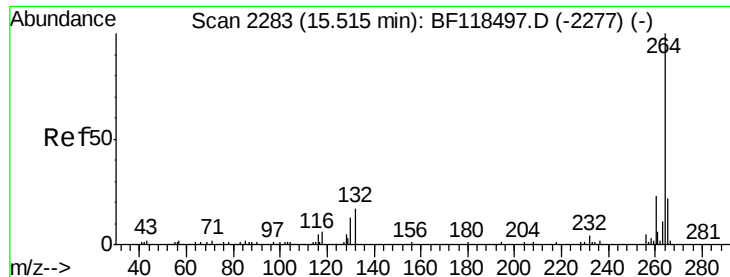
#86
Indeno(1,2,3-cd)pyrene
Concen: 47.838 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.04 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.0	28.4
277	25.5	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: 15.49 min Scan# 2278

Delta R.T. -0.03 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampled :

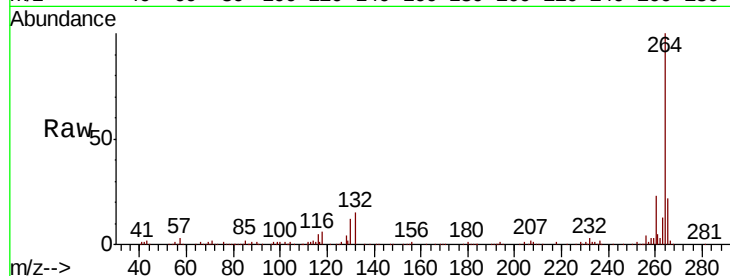
Tot Ion:264 Resp: 249986

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

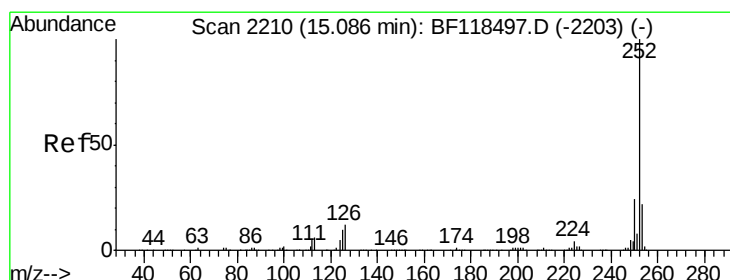
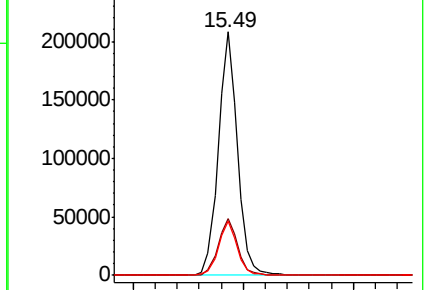
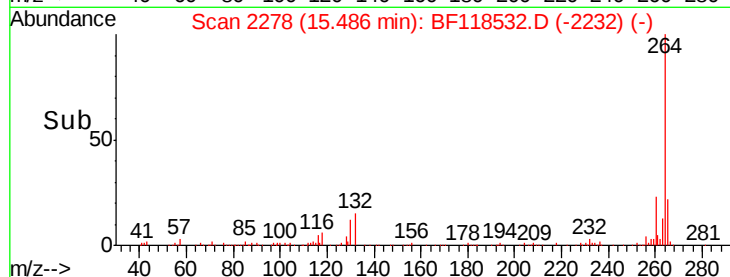
265 22.0 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 34.417 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.03 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

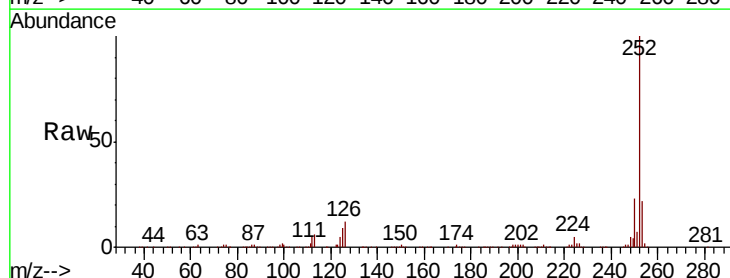
Tgt Ion:252 Resp: 622047

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

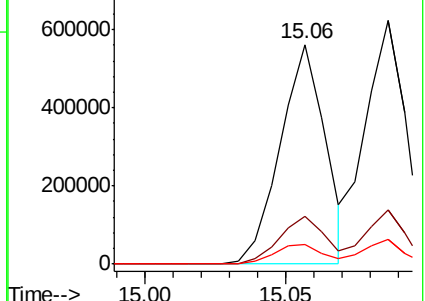
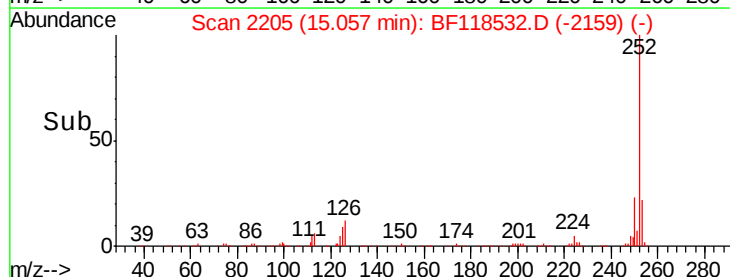
125 9.2 7.8 11.6

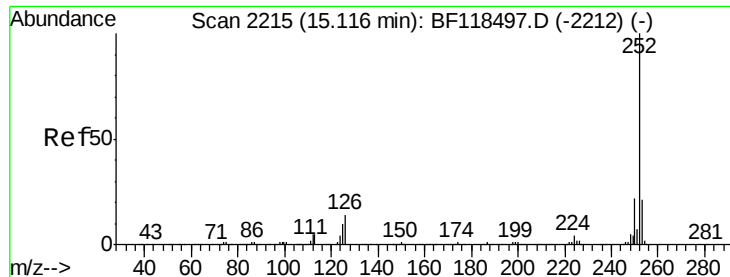


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

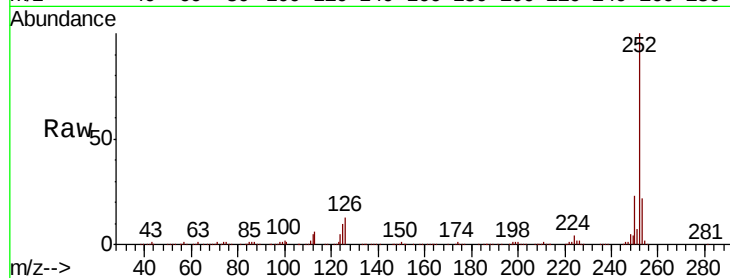




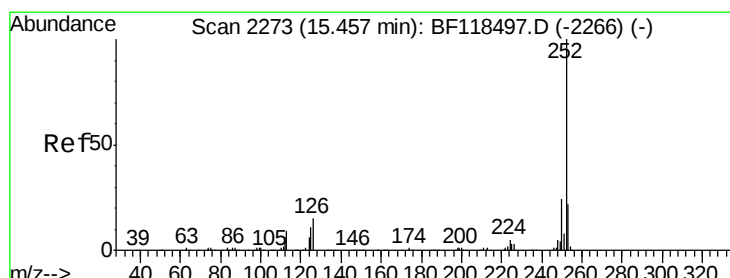
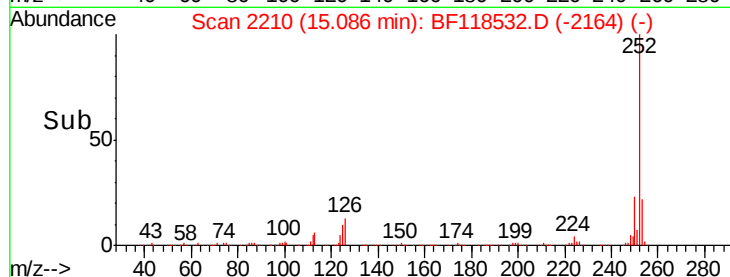
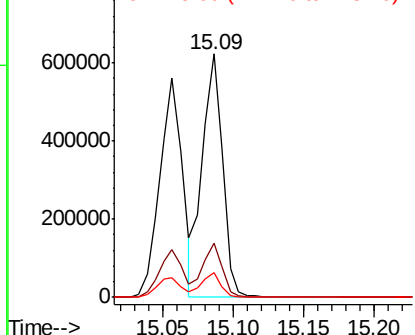
#89
Benzo(k)fluoranthene
Concen: 36.075 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 622347
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 10.1 7.8 11.6

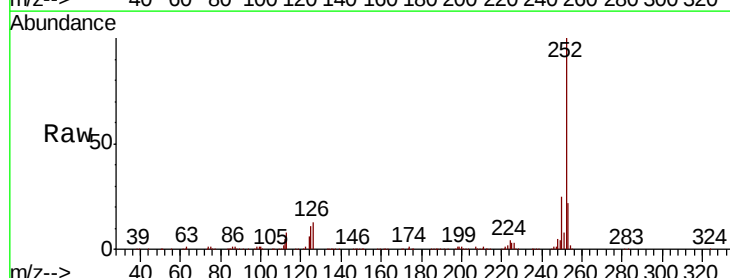


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

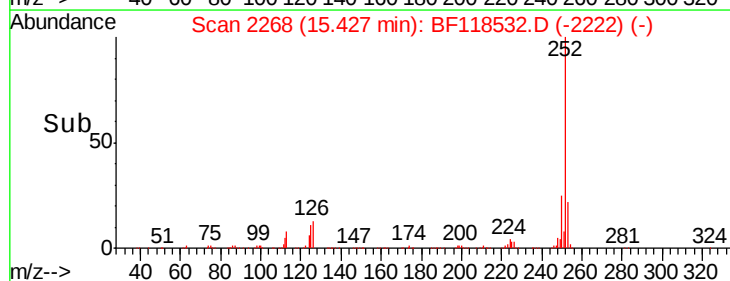
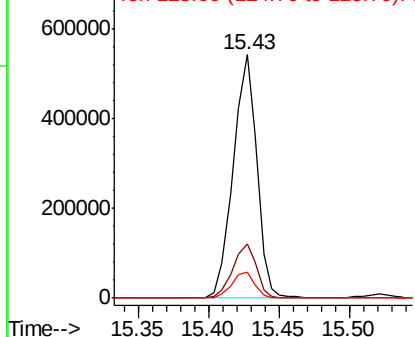


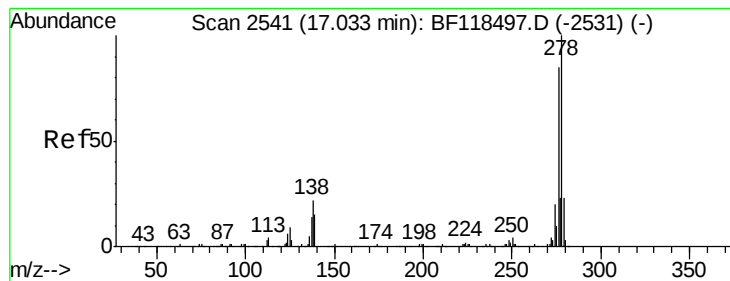
#90
Benzo(a)pyrene
Concen: 42.829 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion:252 Resp: 634347
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.9 9.0 13.6



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

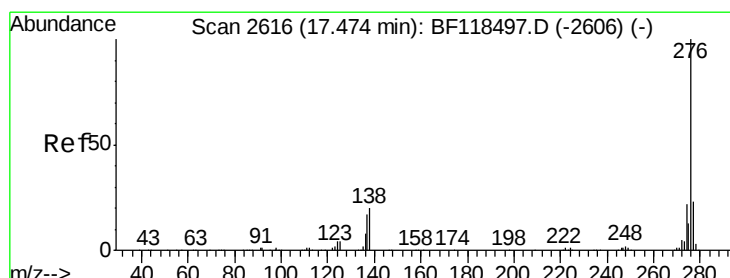
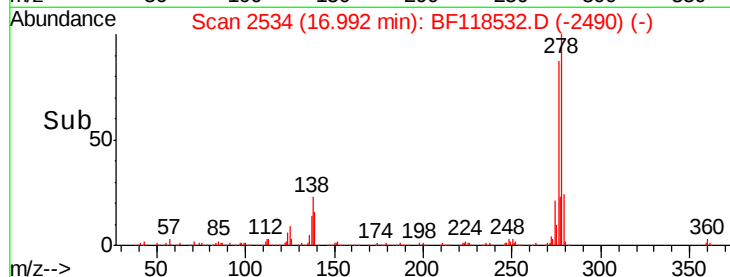
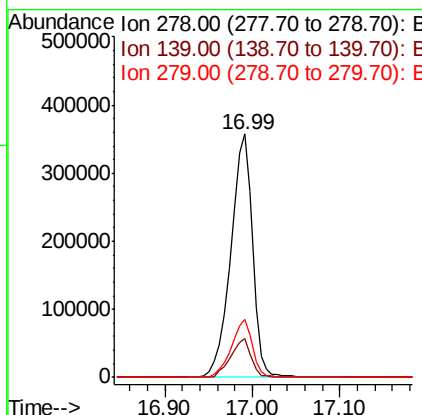
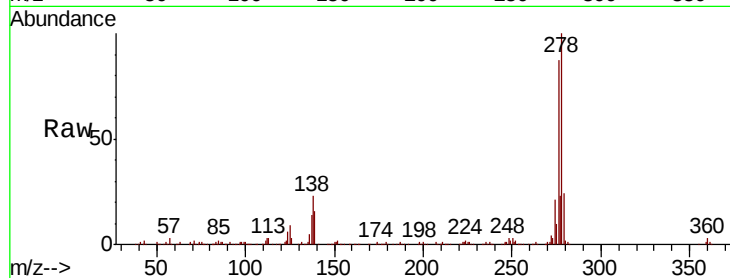




#91
Dibenzo(a,h)anthracene
Concen: 43.471 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.04 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 603726
Ion Ratio Lower Upper
278 100
139 15.8 11.9 17.9
279 23.6 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 37.785 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.04 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion:276 Resp: 497216
Ion Ratio Lower Upper
276 100
277 23.5 18.2 27.4
138 18.4 16.3 24.5

