

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119320.D
 Acq On : 10 Mar 2020 16:51
 Operator : CG/JU
 Sample : L1852-19MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-DMS

Quant Time: Mar 11 01:39:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	107983	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	417332	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	215482	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	329379	20.00	ng	0.00
76) Chrysene-d12	13.89	240	224825	20.00	ng	0.00
87) Perylene-d12	15.32	264	208147	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	752814	116.51	ng	0.02
7) Phenol-d6	6.39	99	884178	112.51	ng	0.01
23) Nitrobenzene-d5	7.30	82	604566	76.49	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	258282	91.63	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1122275	76.73	ng	0.00
79) Terphenyl-d14	12.83	244	999863	76.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	110120	38.278	ng	98
3) Pyridine	3.20	79	261209	33.246	ng	98
4) n-Nitrosodimethylamine	3.14	42	108564	45.614	ng	94
6) Aniline	6.39	93	276761	28.542	ng	# 74
8) 2-Chlorophenol	6.52	128	335003	48.042	ng	99
9) Benzaldehyde	6.28	77	231927	44.174	ng	97
10) Phenol	6.40	94	383388	45.124	ng	83
11) bis(2-Chloroethyl)ether	6.46	93	299322	46.043	ng	99
12) 1,3-Dichlorobenzene	6.67	146	369370	44.195	ng	99
13) 1,4-Dichlorobenzene	6.74	146	372751	44.569	ng	99
14) 1,2-Dichlorobenzene	6.90	146	341831	44.815	ng	98
15) Benzyl Alcohol	6.88	79	272839	48.039	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	246049	43.692	ng	# 23
17) 2-Methylphenol	7.00	107	261477	46.250	ng	# 93
18) Hexachloroethane	7.23	117	118599	39.636	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	227416	49.664	ng	99
20) 3+4-Methylphenols	7.16	107	352566	50.902	ng	# 85
22) Acetophenone	7.14	105	452768	46.890	ng	96
24) Nitrobenzene	7.32	77	343464	43.942	ng	99
25) Isophorone	7.56	82	610417	44.469	ng	100
26) 2-Nitrophenol	7.63	139	160489	38.752	ng	97
27) 2,4-Dimethylphenol	7.68	122	279744	49.771	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	374713	41.939	ng	99
29) 2,4-Dichlorophenol	7.89	162	280601	42.407	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	315462	40.211	ng	98
31) Naphthalene	8.03	128	941720	43.510	ng	99
32) Benzoic acid	7.83	122	98691	27.395	ng	98
33) 4-Chloroaniline	8.09	127	157470	16.916	ng	99
34) Hexachlorobutadiene	8.15	225	198049	40.528	ng	97
35) Caprolactam	8.47	113	81883	40.189	ng	94
36) 4-Chloro-3-methylphenol	8.59	107	292416	43.666	ng	99
37) 2-Methylnaphthalene	8.72	142	630985	43.321	ng	98
38) 1-Methylnaphthalene	8.82	142	585825	42.767	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	311667	42.899	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	10160	12.785	ng	93
43) 2,4,6-Trichlorophenol	9.02	196	192302	41.915	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	191898	39.860	ng	99
46) 1,1'-Biphenyl	9.19	154	750727	43.107	ng	97
47) 2-Chloronaphthalene	9.21	162	592063	42.187	ng	98
48) 2-Nitroaniline	9.32	65	170477	43.551	ng	95
49) Acenaphthylene	9.63	152	868143	42.830	ng	99
50) Dimethylphthalate	9.49	163	860081	52.197	ng	99
51) 2,6-Dinitrotoluene	9.56	165	144361	39.434	ng #	79
52) Acenaphthene	9.80	154	511153	41.822	ng	100
53) 3-Nitroaniline	9.73	138	106361	26.207	ng	90
54) 2,4-Dinitrophenol	9.87	184	7747	11.423	ng #	81
55) Dibenzofuran	9.97	168	753240	41.290	ng	100
56) 4-Nitrophenol	9.93	139	93291	38.259	ng	96
57) 2,4-Dinitrotoluene	9.97	165	172031	36.254	ng #	83
58) Fluorene	10.31	166	590643	41.666	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	147030	36.194	ng	98
60) Diethylphthalate	10.19	149	686488	44.210	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	319247	42.547	ng	99
62) 4-Nitroaniline	10.35	138	125597	30.248	ng	92
63) Azobenzene	10.46	77	578779	42.882	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	12731	6.387	ng	98
66) n-Nitrosodiphenylamine	10.42	169	529339	49.081	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	196274	45.588	ng	98
68) Hexachlorobenzene	10.87	284	210943	42.495	ng	95
69) Atrazine	10.95	200	169966	45.105	ng	99
70) Pentachlorophenol	11.07	266	129841	64.934	ng	98
71) Phenanthrene	11.27	178	794203	44.214	ng	97
72) Anthracene	11.32	178	798610	44.496	ng	98
73) Carbazole	11.49	167	667993	41.778	ng	98
74) Di-n-butylphthalate	11.80	149	947033	48.909	ng	99
75) Fluoranthene	12.46	202	800626	41.990	ng	98
77) Benzidine	12.59	184	461665	50.491	ng	98
78) Pyrene	12.69	202	790904	43.810	ng	98
80) Butylbenzylphthalate	13.30	149	334351	44.005	ng	98
81) Benzo(a)anthracene	13.88	228	707516	46.186	ng	98
82) 3,3'-Dichlorobenzidine	13.84	252	259755	43.668	ng	99
83) Chrysene	13.92	228	669160	43.839	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	484953	50.521	ng	99
85) Di-n-octyl phthalate	14.46	149	788128	51.531	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	525548	35.559	ng	100
88) Benzo(b)fluoranthene	14.91	252	692426	50.469	ng	99
89) Benzo(k)fluoranthene	14.94	252	549395	43.210	ng	99
90) Benzo(a)pyrene	15.26	252	533218	43.062	ng	98
91) Dibenzo(a,h)anthracene	16.73	278	437854	40.188	ng	99
92) Benzo(g,h,i)perylene	17.16	276	424680	39.450	ng	99

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

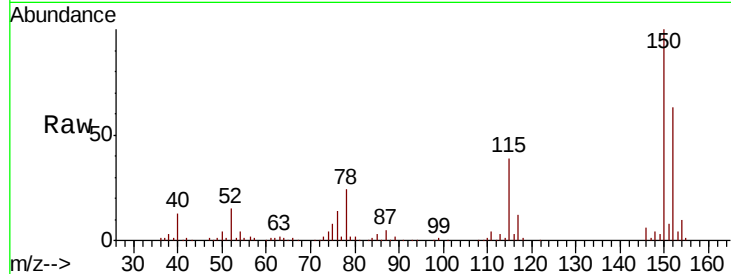


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Instrument :
BNA_F
ClientSampleId :
TP-3-DMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.0	184.6
115	61.4	49.5	74.3

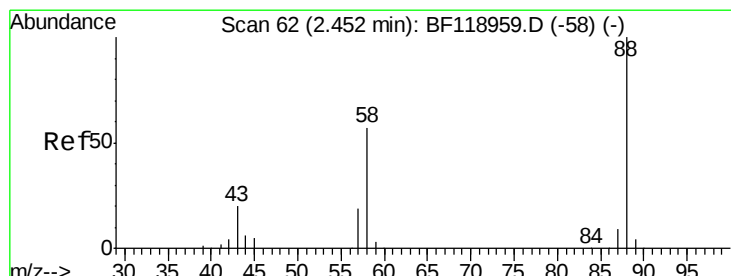
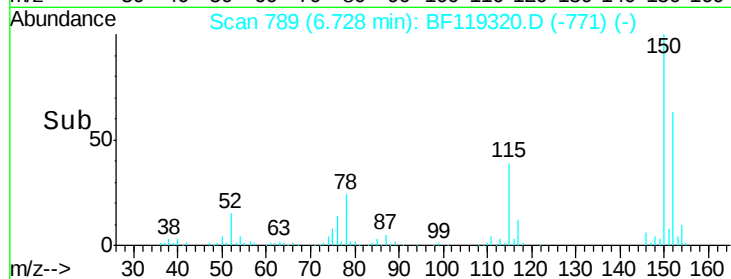
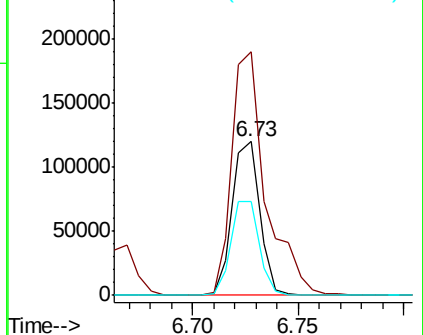


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

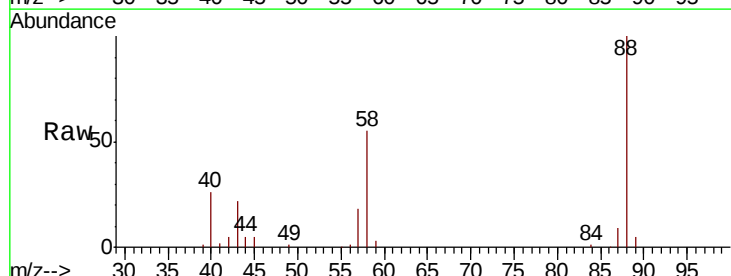
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.278 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.08 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.6	43.8	65.6
43	20.9	16.2	24.4

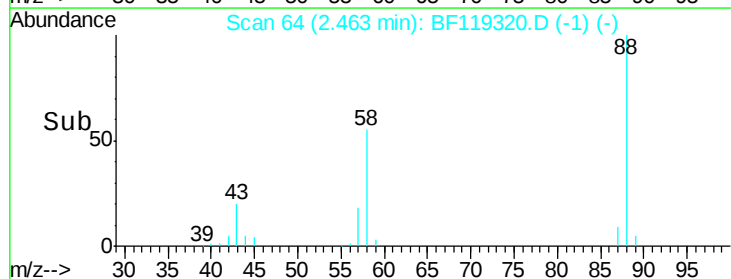
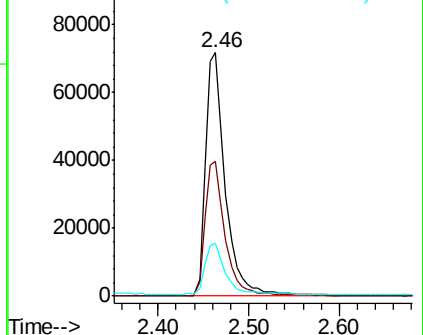


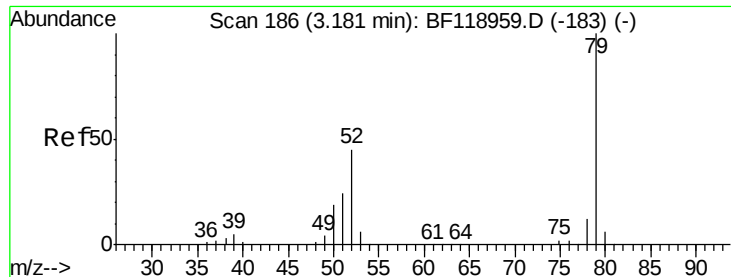
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

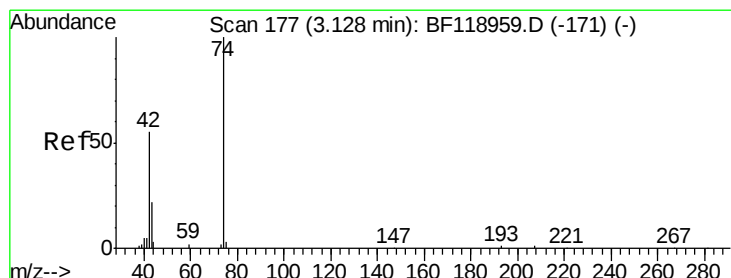
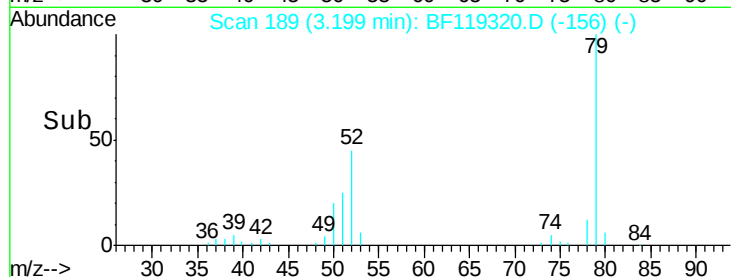
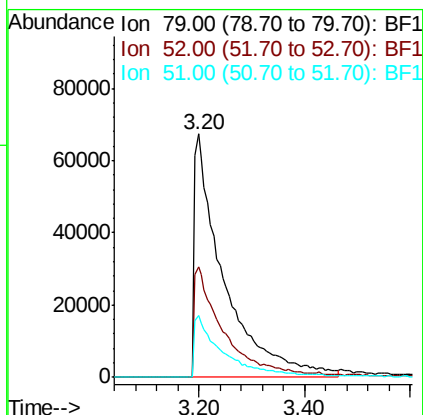
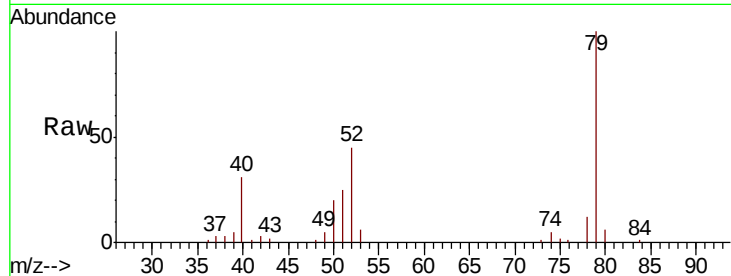




#3
 Pvridine
 Concen: 33.246 ng
 RT: 3.20 min Scan# 189
 Delta R.T. 0.09 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

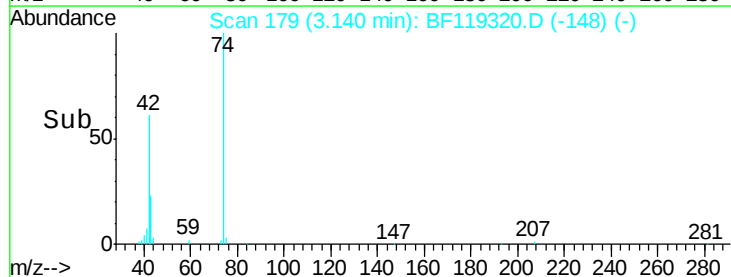
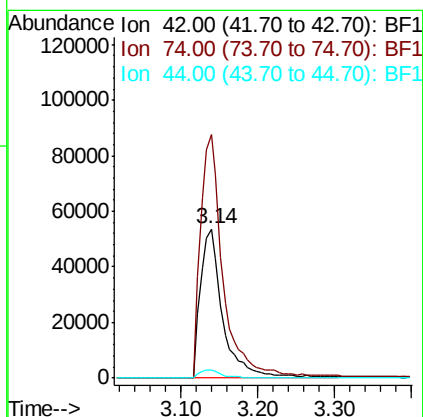
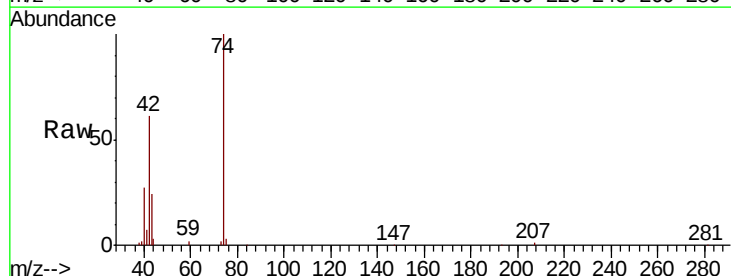
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-DMS

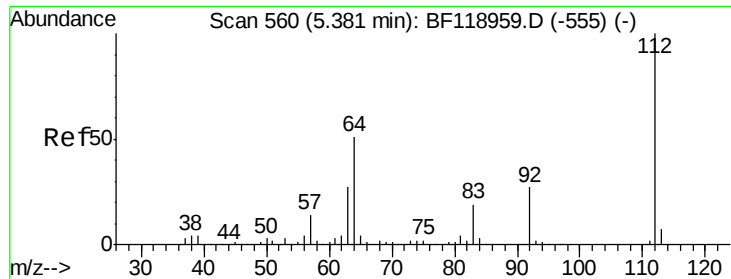
Tot Ion: 79 Resp: 261209
 Ion Ratio Lower Upper
 79 100
 52 45.3 37.4 56.0
 51 25.5 19.8 29.6



#4
 n-Nitrosodimethylamine
 Concen: 45.614 ng
 RT: 3.14 min Scan# 179
 Delta R.T. 0.08 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

Tgt Ion: 42 Resp: 108564
 Ion Ratio Lower Upper
 42 100
 74 163.2 137.7 206.5
 44 5.5 4.5 6.7





#5

2-Fluorophenol

Concen: 116.508 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

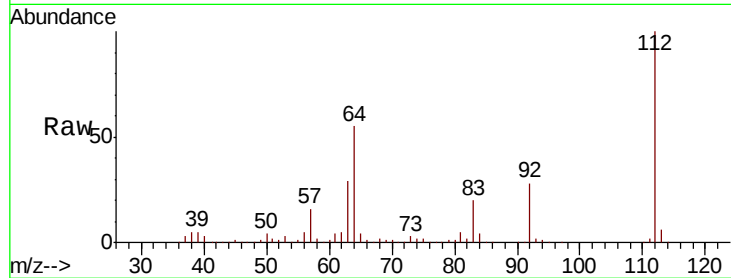
Tot Ion:112 Resp: 752814

Ion Ratio Lower Upper

112 100

64 54.5 45.0 67.4

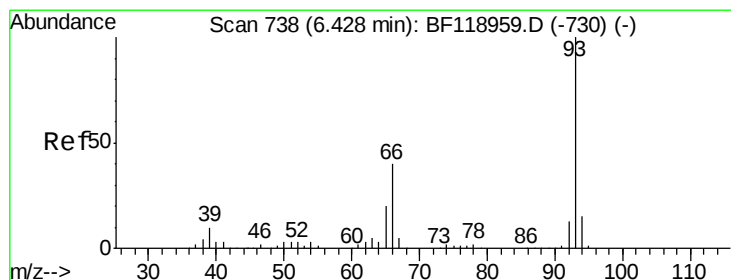
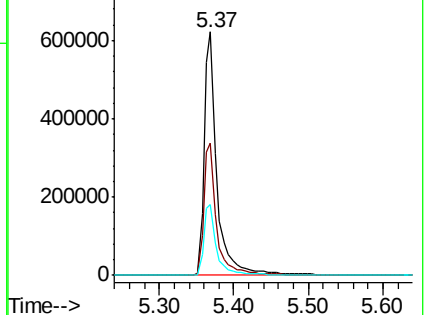
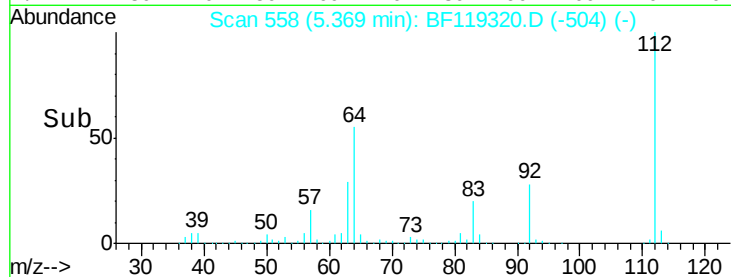
63 28.9 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.542 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

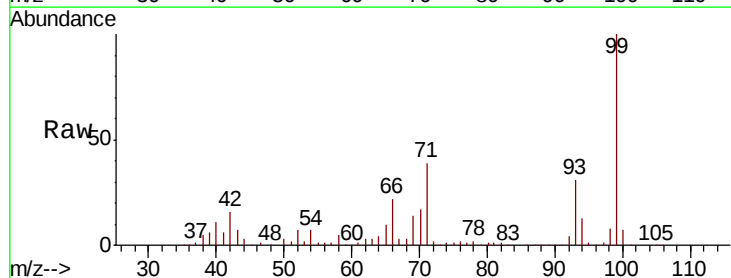
Tgt Ion: 93 Resp: 276761

Ion Ratio Lower Upper

93 100

66 72.5 74.5 111.7#

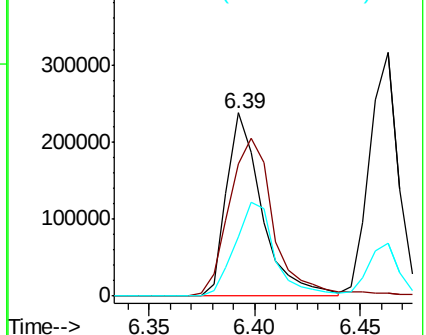
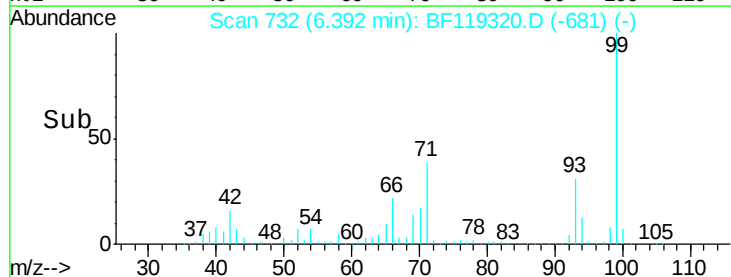
65 32.4 45.3 67.9#



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: 112.514 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

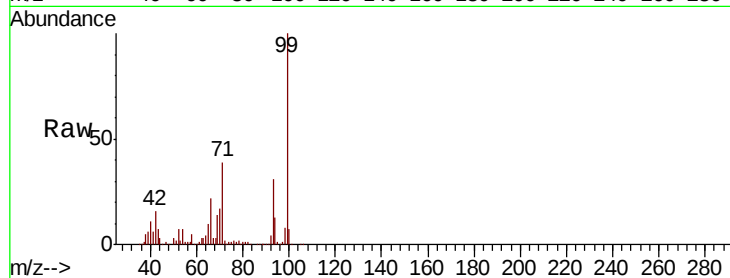
Tot Ion: 99 Resp: 884178

Ion Ratio Lower Upper

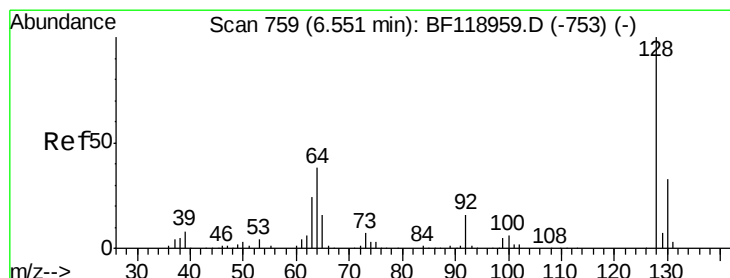
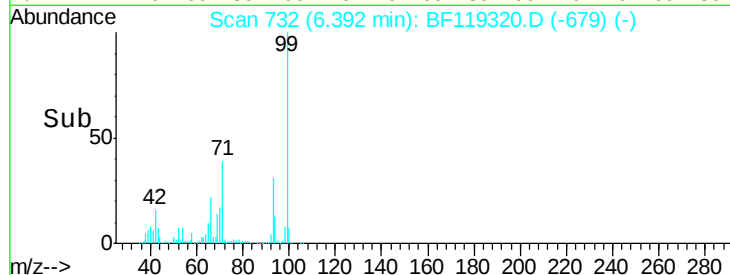
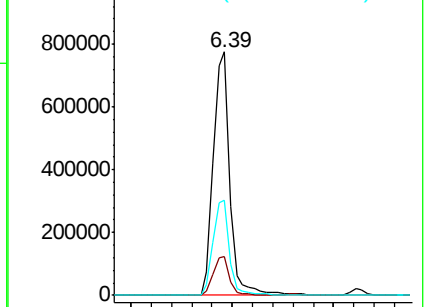
99 100

42 15.9 12.6 18.8

71 38.9 31.0 46.4



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: 48.042 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

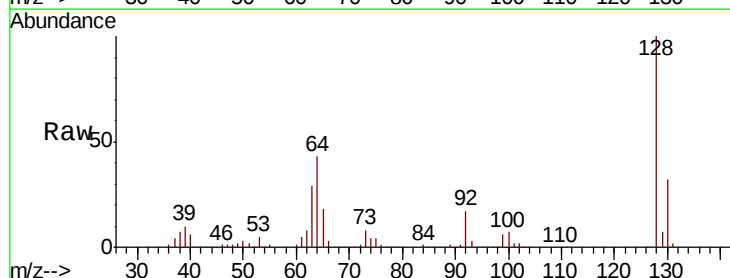
Tgt Ion: 128 Resp: 335003

Ion Ratio Lower Upper

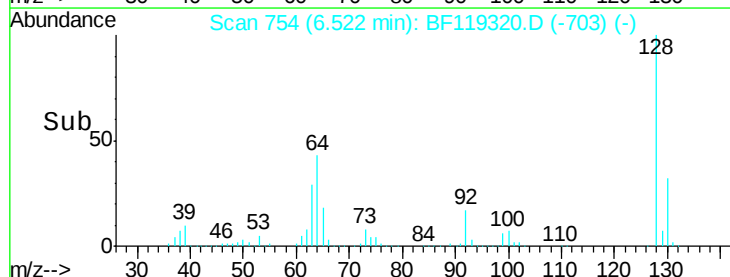
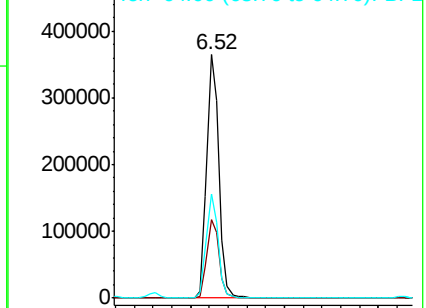
128 100

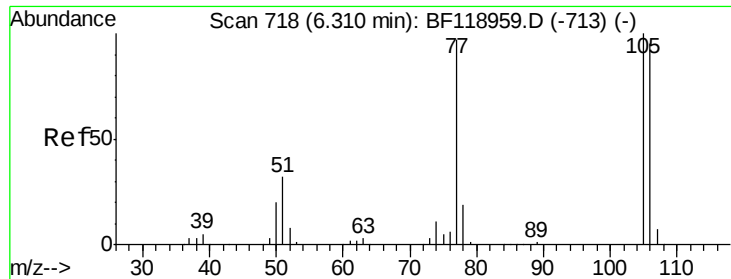
130 32.0 12.7 52.7

64 42.6 22.3 62.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

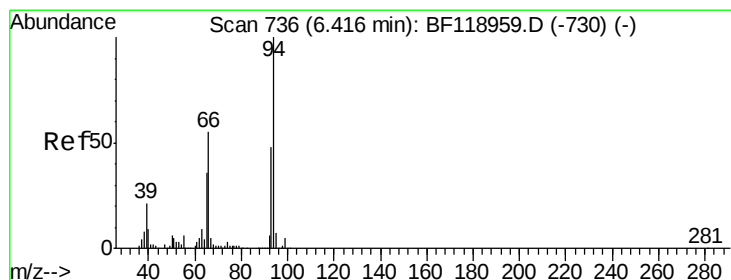
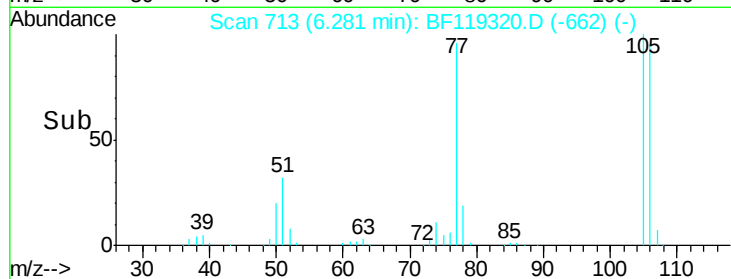
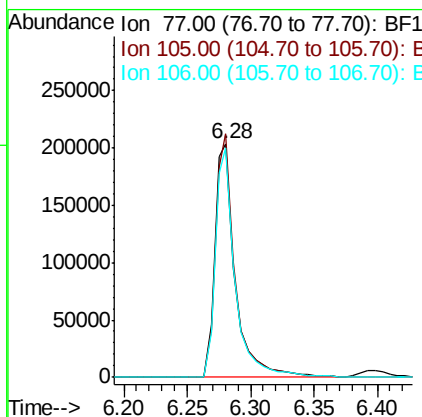
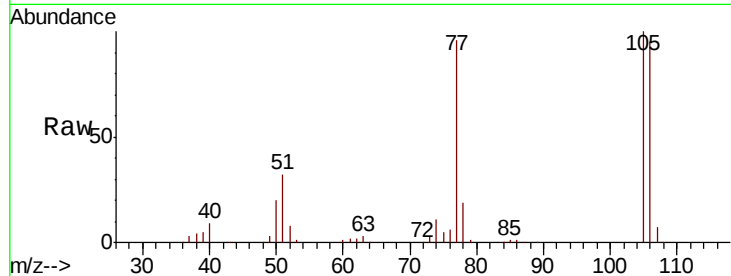




#9
Benzaldehyde
Concen: 44.174 ng
RT: 6.28 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

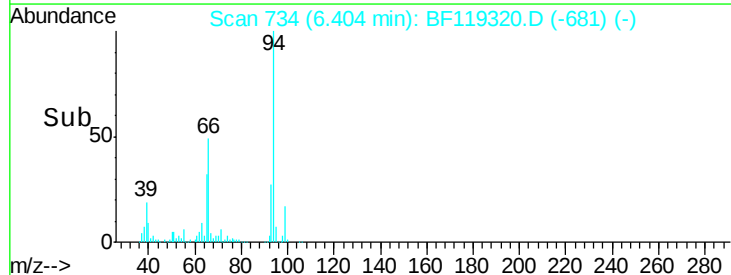
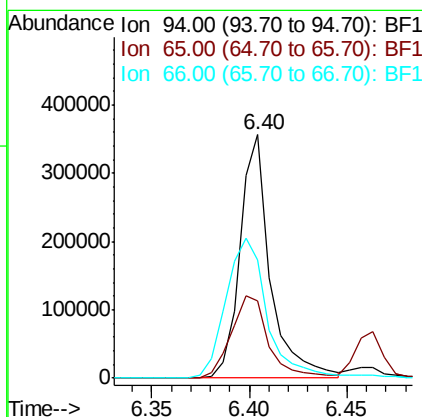
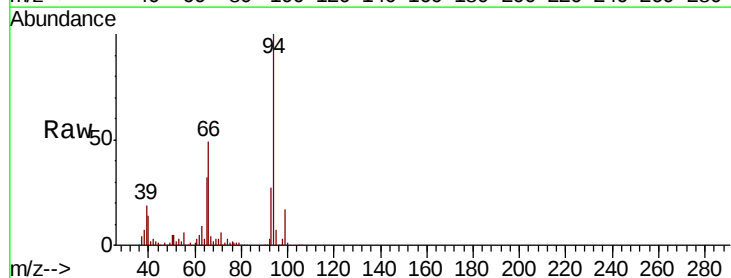
Instrument :
BNA_F
ClientSampled :
TP-3-DMS

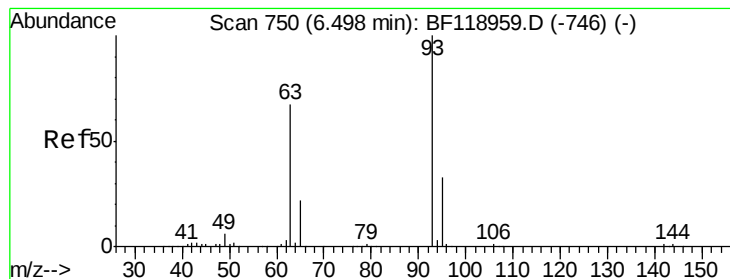
Tot Ion	Ratio	Lower	Upper
77	100		
105	104.0	80.1	120.1
106	98.3	75.9	115.9



#10
Phenol
Concen: 45.124 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.8	19.2	59.2
66	48.5	44.4	84.4





#11

bis(2-Chloroethyl)ether

Concen: 46.043 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

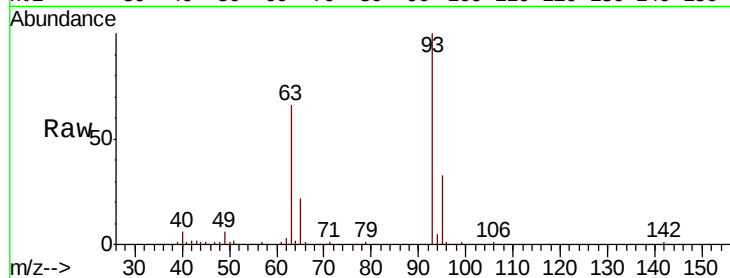
Tot Ion: 93 Resp: 299322

Ion Ratio Lower Upper

93 100

63 66.3 45.4 85.4

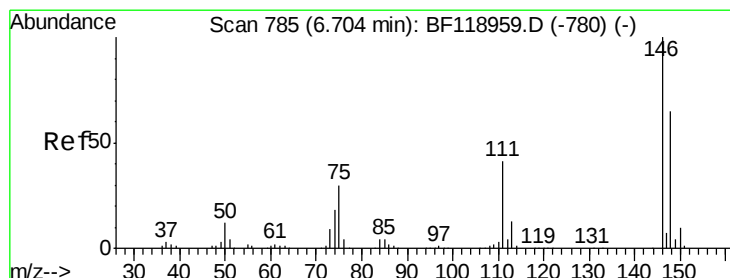
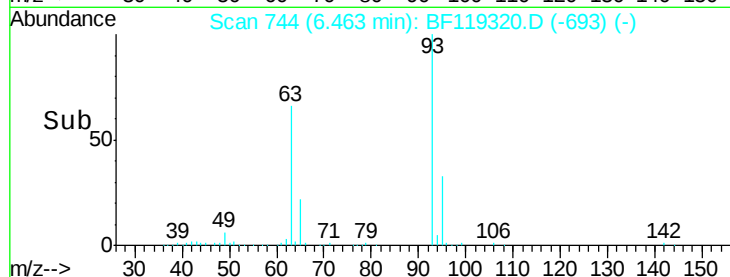
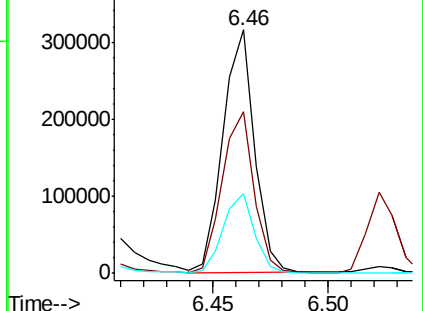
95 32.9 13.5 53.5



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: 44.195 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

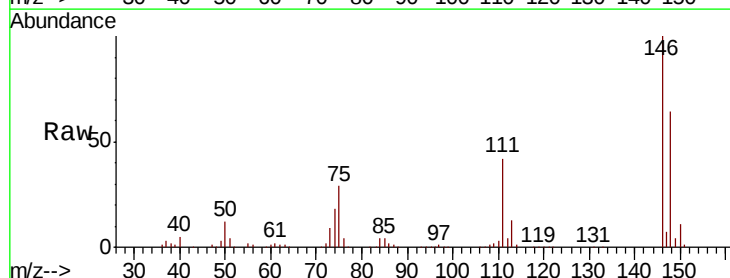
Tgt Ion: 146 Resp: 369370

Ion Ratio Lower Upper

146 100

148 64.4 52.5 78.7

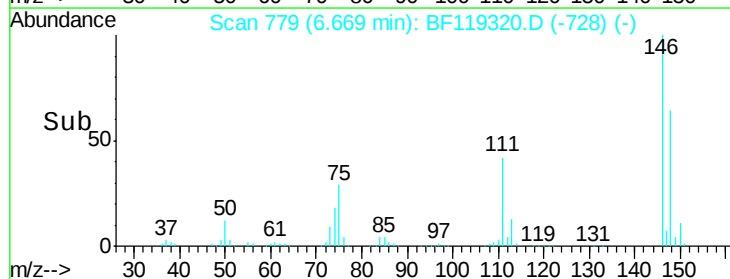
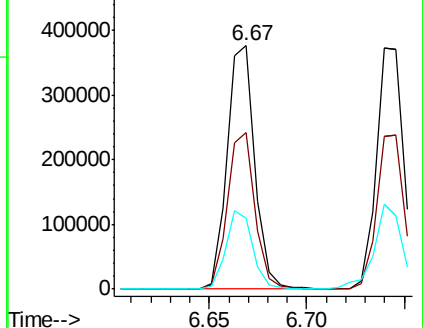
75 29.3 23.6 35.4

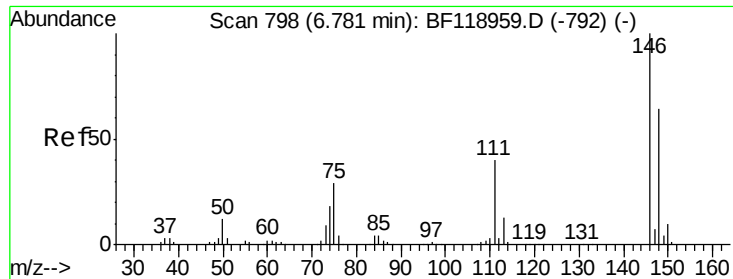


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

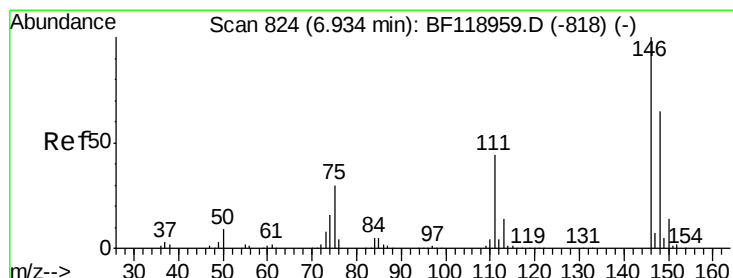
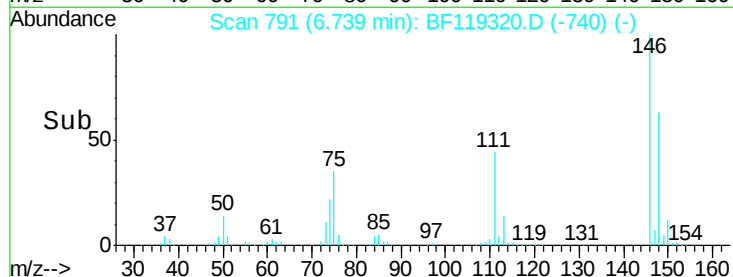
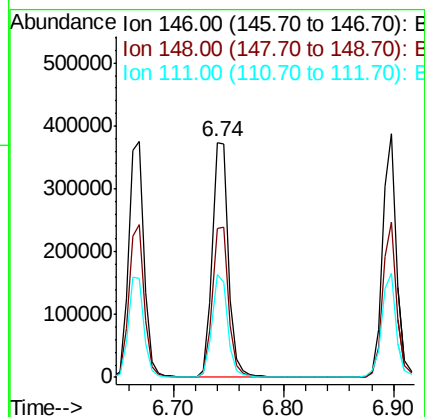
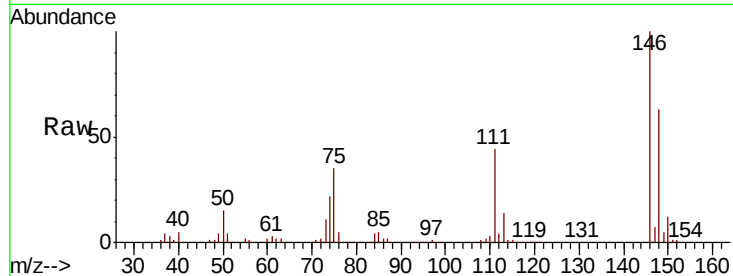




#13
 1,4-Dichlorobenzene
 Concen: 44.569 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

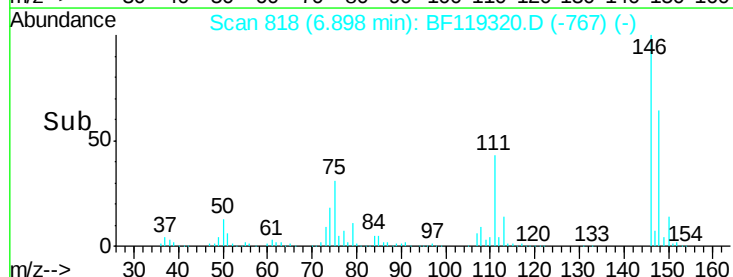
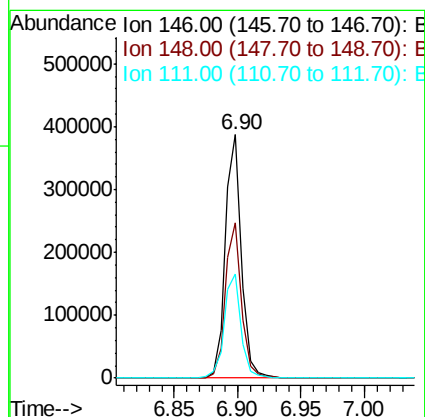
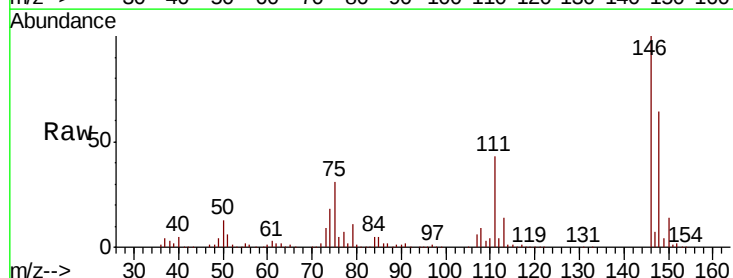
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-DMS

Tot Ion:146 Resp: 372751
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 44.0 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 44.815 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

Tgt Ion:146 Resp: 341831
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.9 77.9
 111 43.0 36.2 54.2





#15

Benzyl Alcohol

Concen: 48.039 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

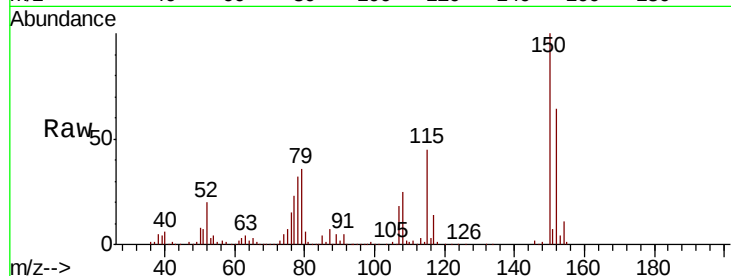
Tot Ion: 79 Resp: 272839

Ion Ratio Lower Upper

79 100

108 69.5 58.2 87.2

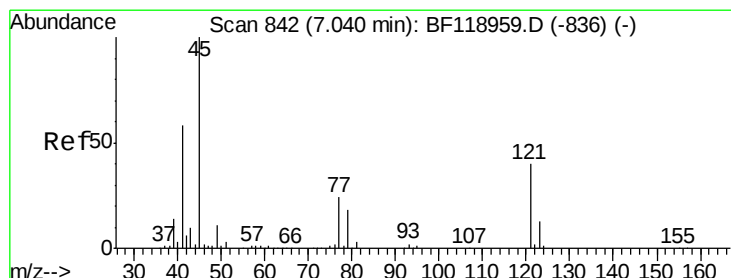
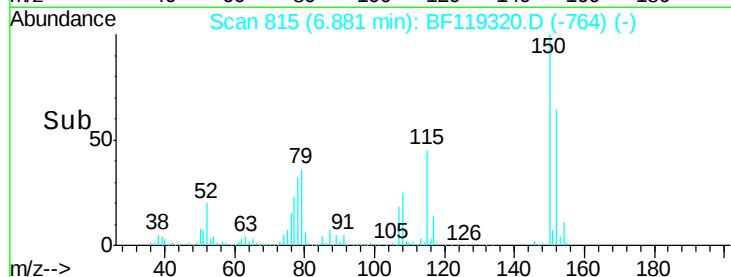
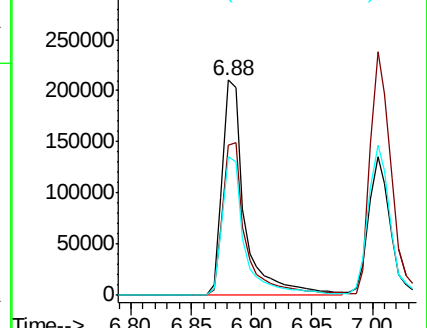
77 64.3 51.2 76.8



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: 43.692 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

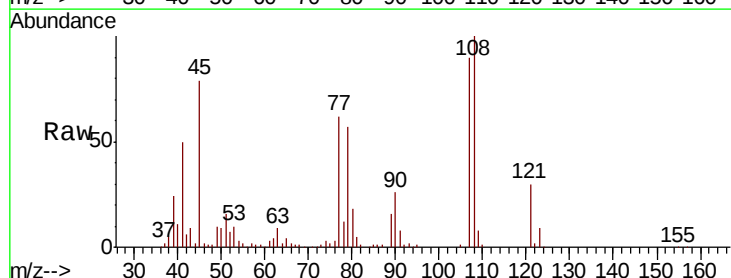
Tgt Ion: 45 Resp: 246049

Ion Ratio Lower Upper

45 100

77 78.1 15.0 55.0#

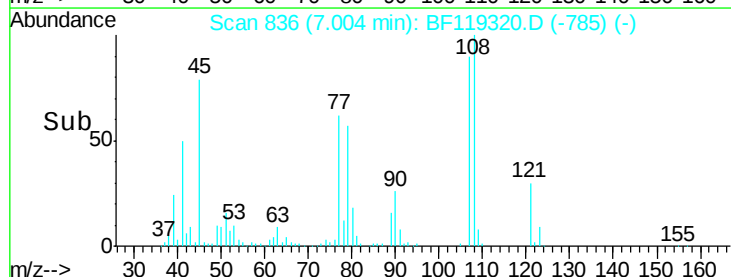
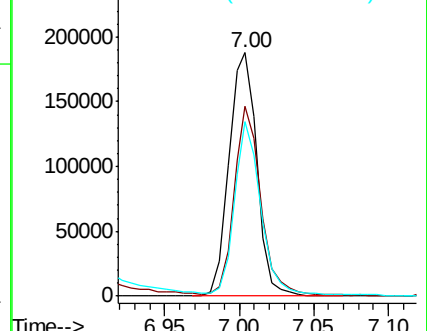
79 71.9 9.4 49.4#

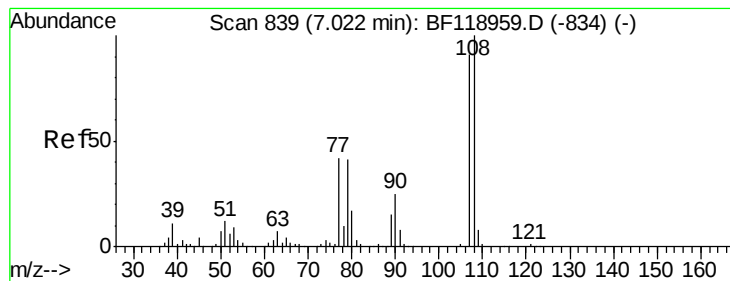


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

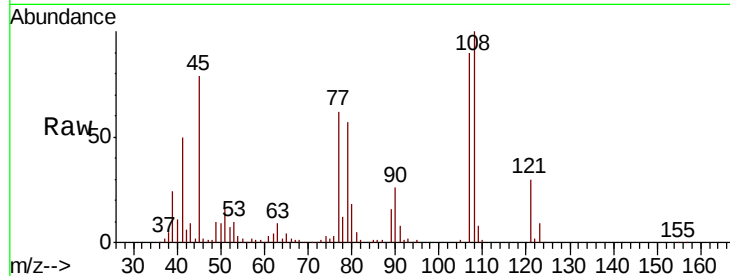




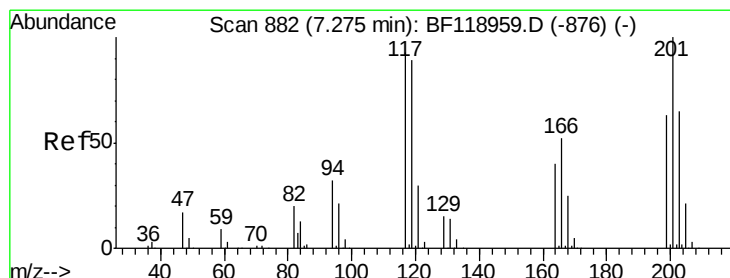
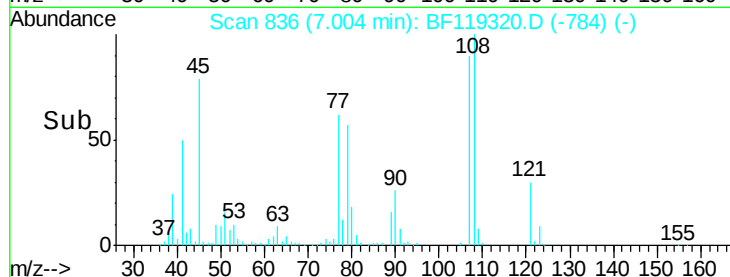
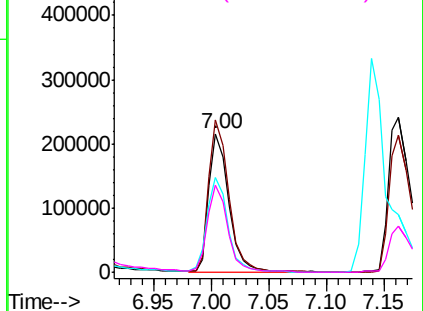
#17
2-Methylphenol
Concen: 46.250 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Instrument :
BNA_F
ClientSampleId :
TP-3-DMS

Tot Ion:107 Resp: 261477
Ion Ratio Lower Upper
107 100
108 110.5 87.9 131.9
77 68.2 45.3 67.9#
79 62.7 43.0 64.4

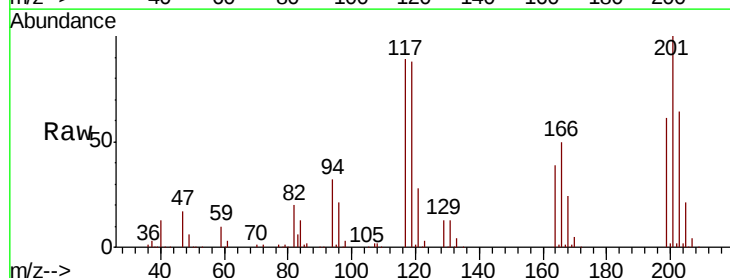


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

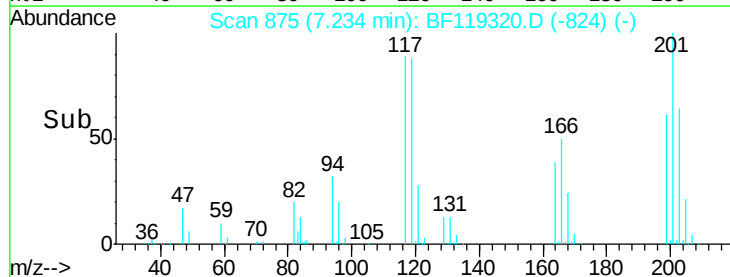
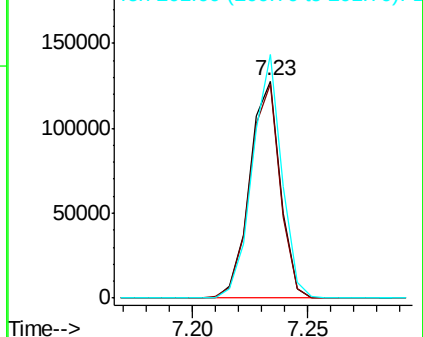


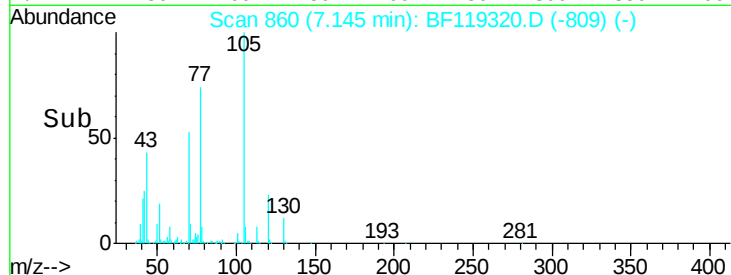
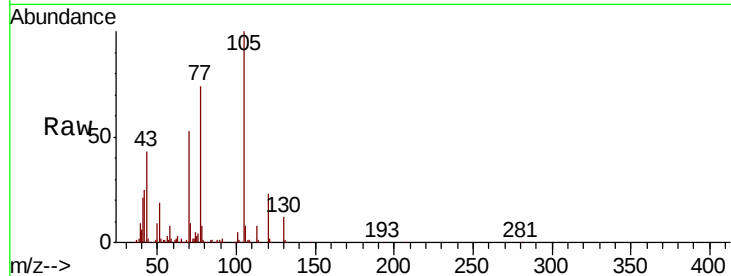
#18
Hexachloroethane
Concen: 39.636 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Tgt Ion:117 Resp: 118599
Ion Ratio Lower Upper
117 100
119 98.4 77.5 116.3
201 112.1 82.6 123.8



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

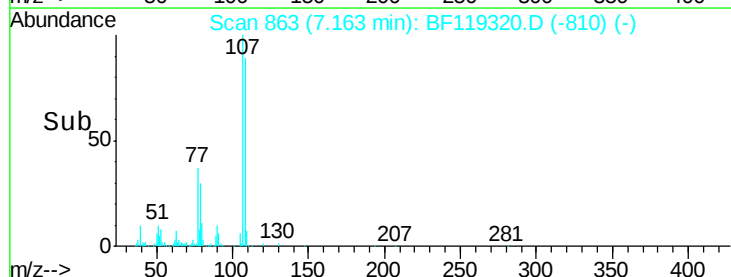
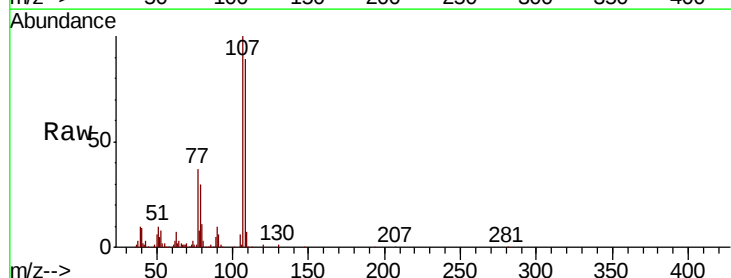
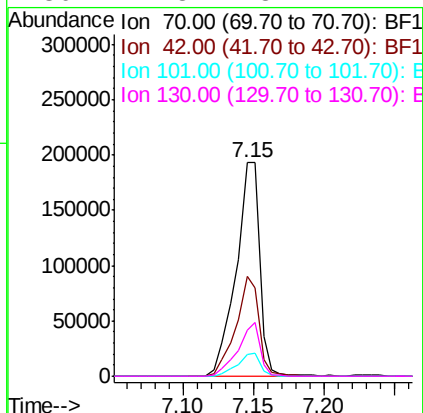




#19
n-Nitroso-di-n-propylamine
Concen: 49.664 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

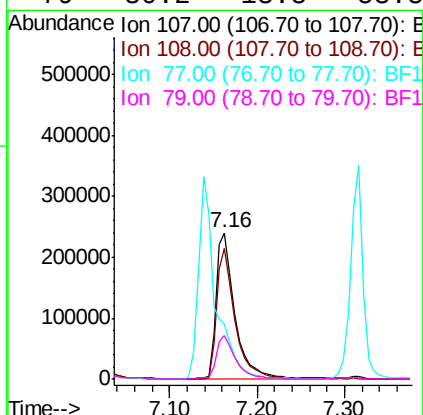
Instrument :
BNA_F
ClientSampleId :
TP-3-DMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.6	38.0	57.0
101	10.2	8.2	12.4
130	21.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 50.902 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	71.5	111.5
77	37.5	45.9	85.9#
79	30.2	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

Tot Ion:136 Resp: 417332

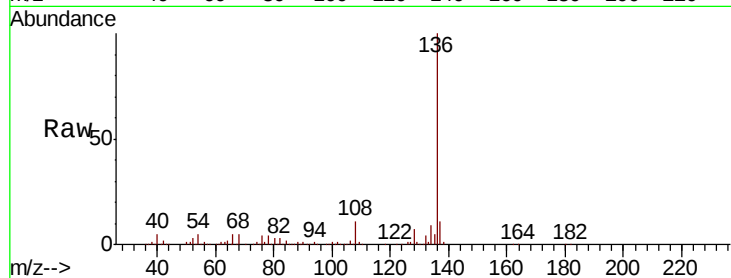
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 4.8 3.8 5.6

68 5.0 3.9 5.9

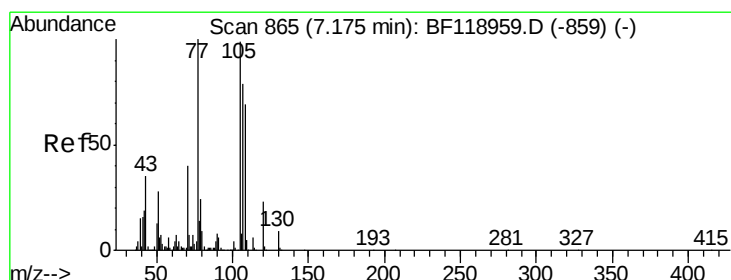
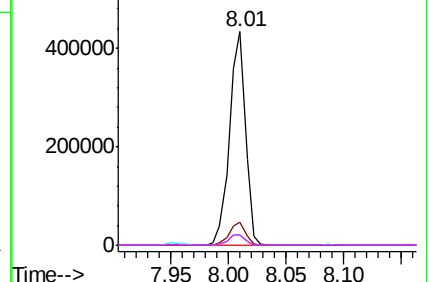
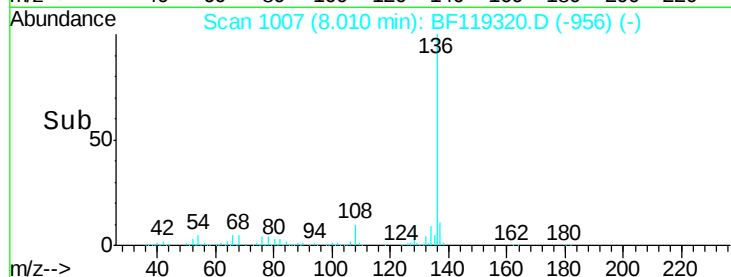


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.890 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Tgt Ion:105 Resp: 452768

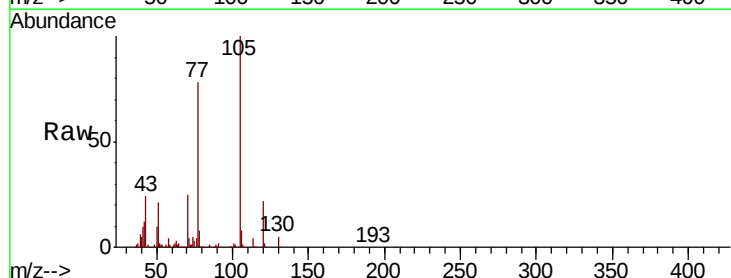
Ion Ratio Lower Upper

105 100

71 4.2 3.0 4.4

51 21.2 20.1 30.1

120 22.4 18.0 27.0

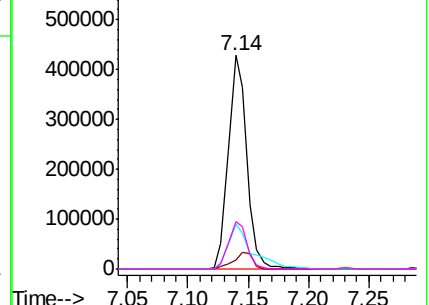
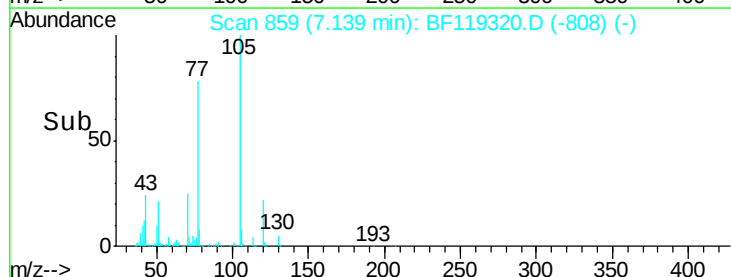


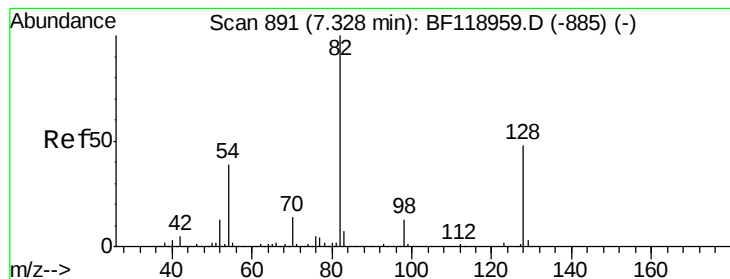
Abundance Ion 105.00 (104.70 to 105.70): E

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: 76.488 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

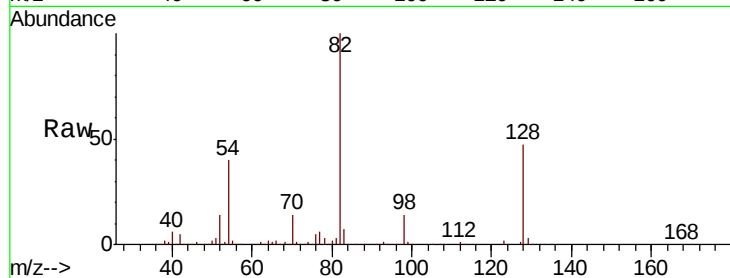
Tot Ion: 82 Resp: 604566

Ion Ratio Lower Upper

82 100

128 47.5 37.9 56.9

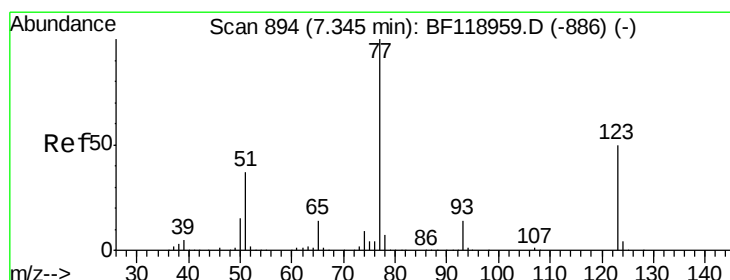
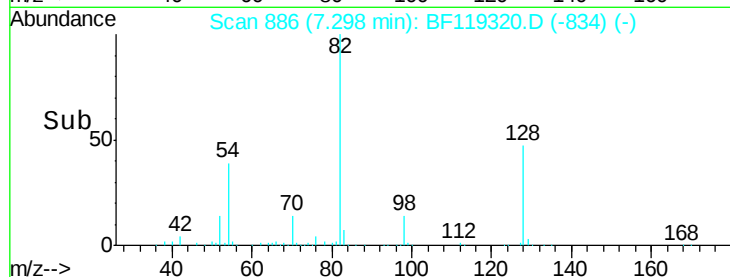
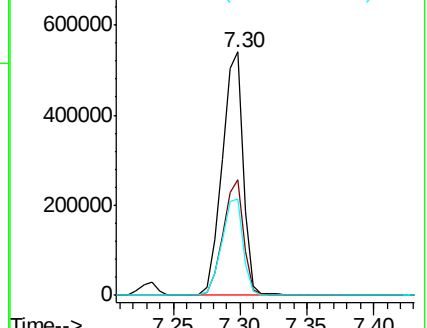
54 39.6 33.4 50.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 43.942 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

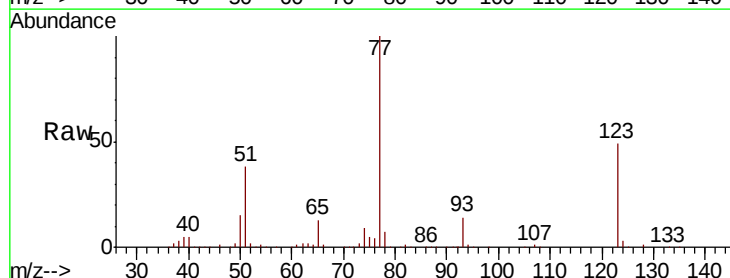
Tgt Ion: 77 Resp: 343464

Ion Ratio Lower Upper

77 100

123 49.1 40.2 60.2

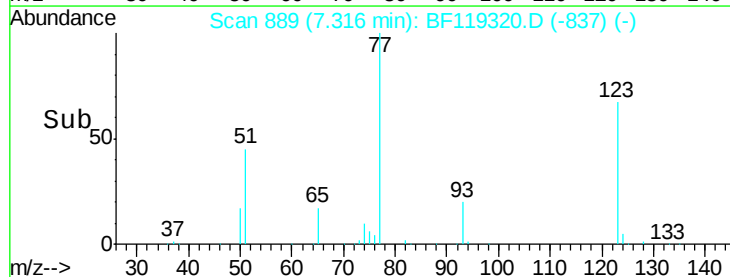
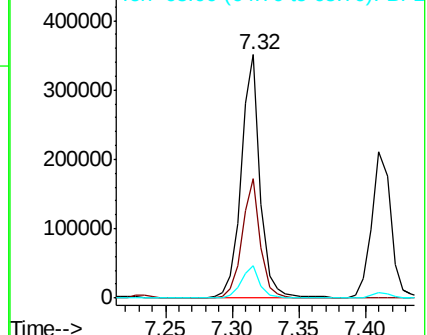
65 13.4 10.8 16.2



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: 44.469 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

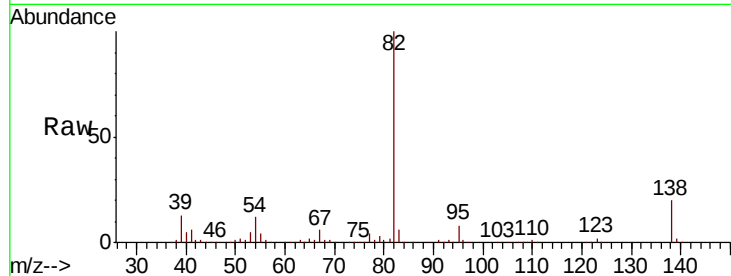
Tot Ion: 82 Resp: 610417

Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

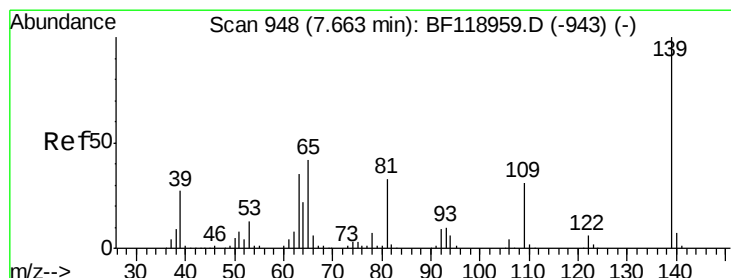
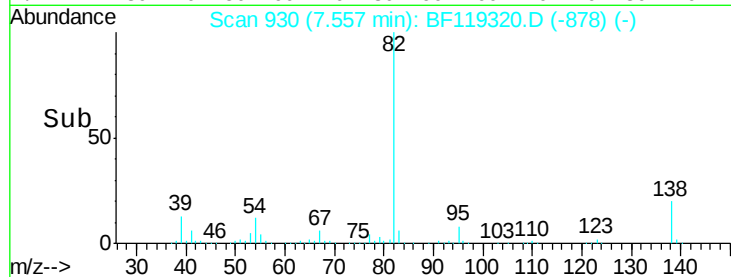
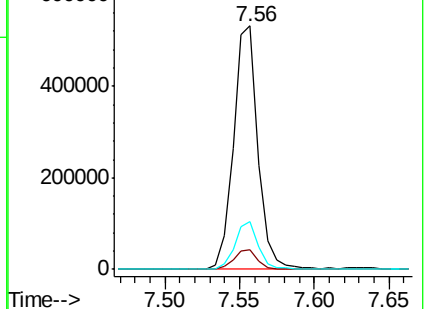
138 19.6 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.752 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

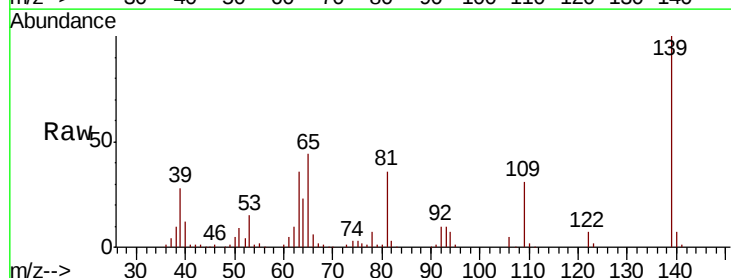
Tgt Ion: 139 Resp: 160489

Ion Ratio Lower Upper

139 100

109 30.8 25.7 38.5

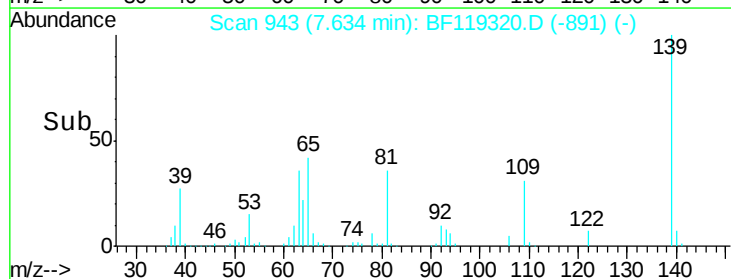
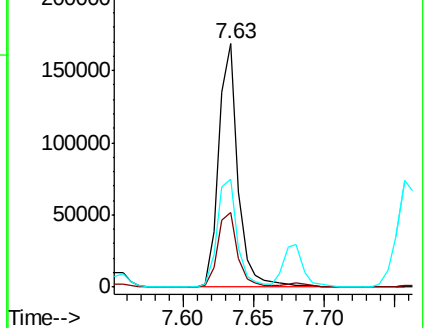
65 44.4 37.1 55.7

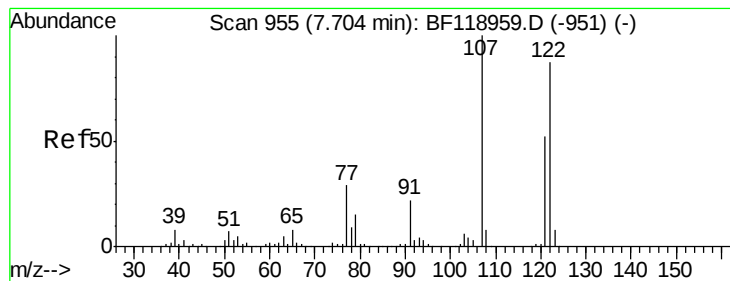


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.771 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

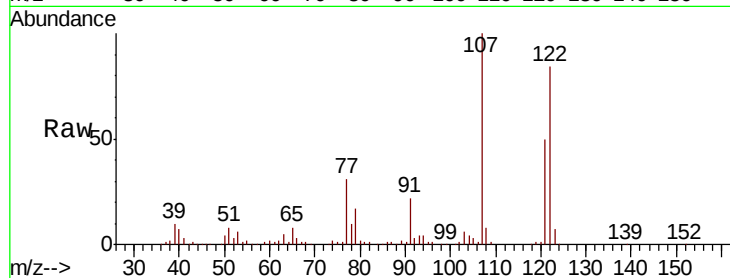
Tot Ion:122 Resp: 279744

Ion Ratio Lower Upper

122 100

107 119.1 93.8 140.6

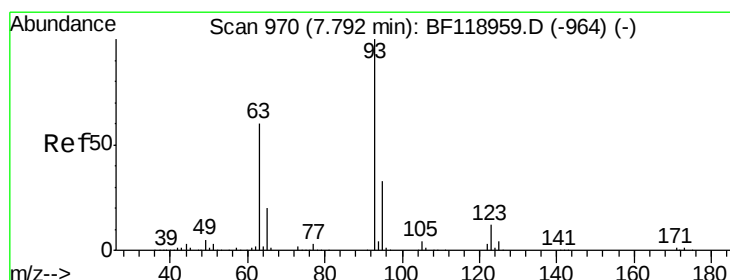
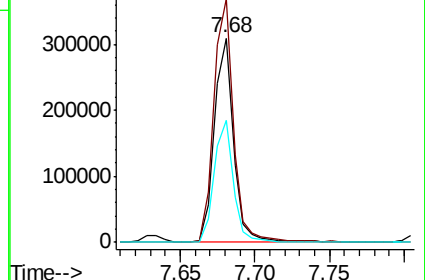
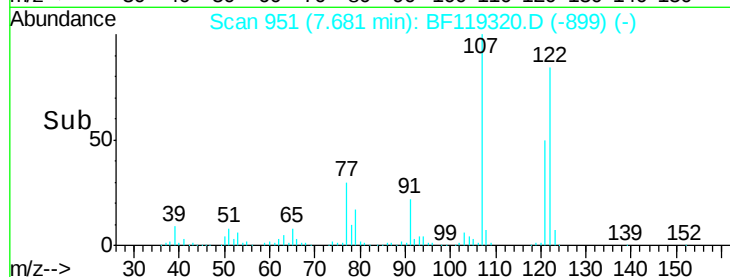
121 59.6 48.2 72.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.939 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

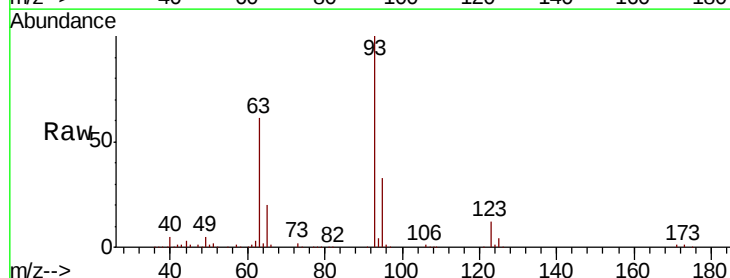
Tgt Ion: 93 Resp: 374713

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

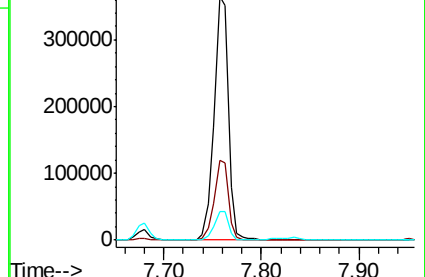
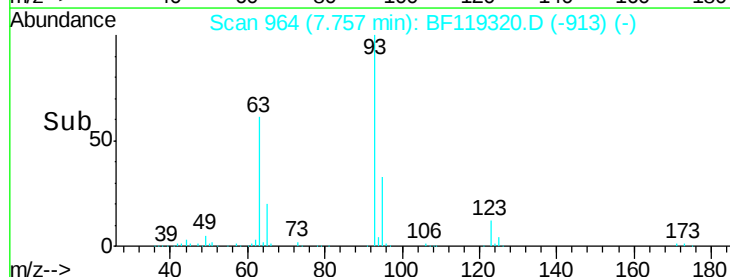
123 11.7 10.2 15.2

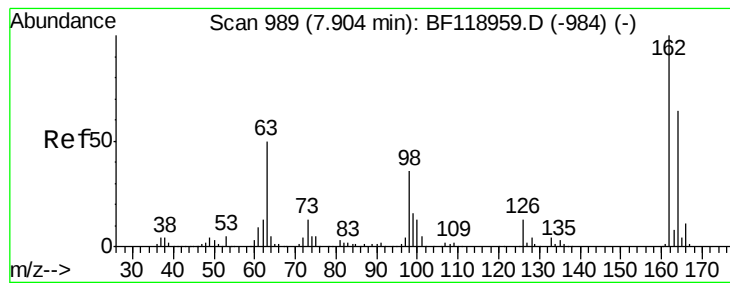


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.407 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

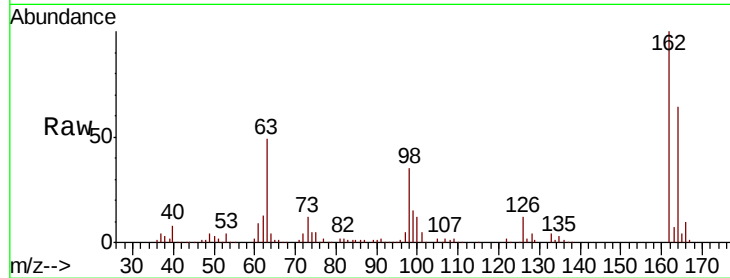
Tot Ion:162 Resp: 280601

Ion Ratio Lower Upper

162 100

164 64.2 45.2 85.2

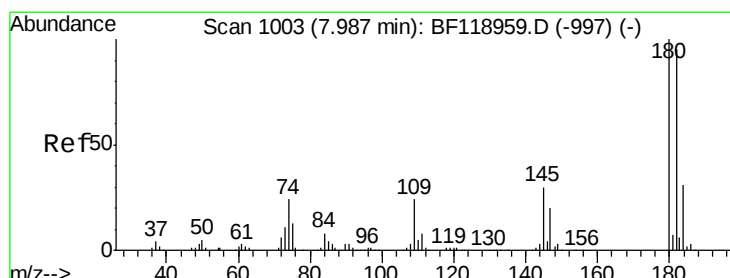
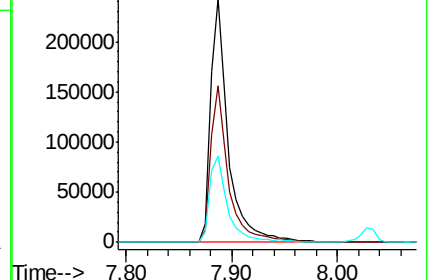
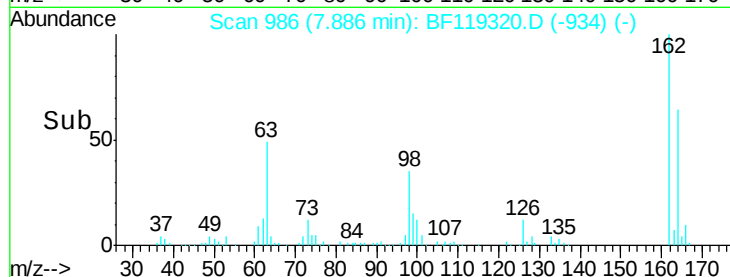
98 35.4 17.4 57.4



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: 40.211 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

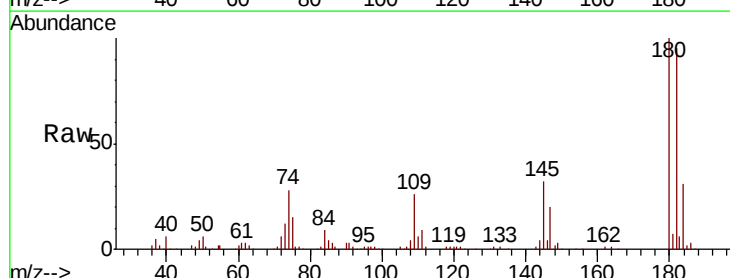
Tgt Ion:180 Resp: 315462

Ion Ratio Lower Upper

180 100

182 95.1 77.8 116.6

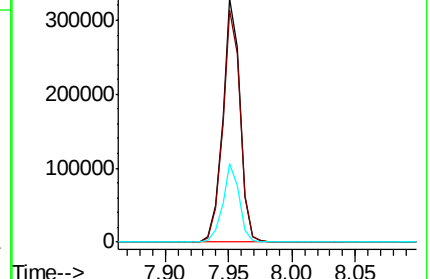
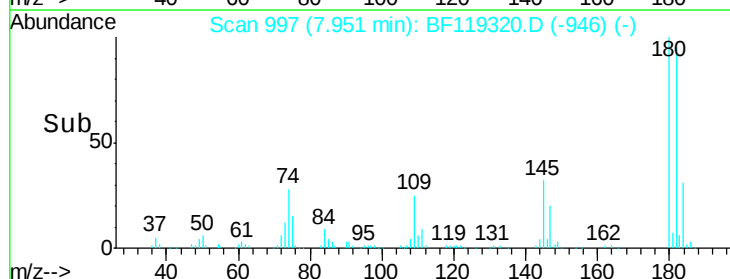
145 32.3 25.2 37.8

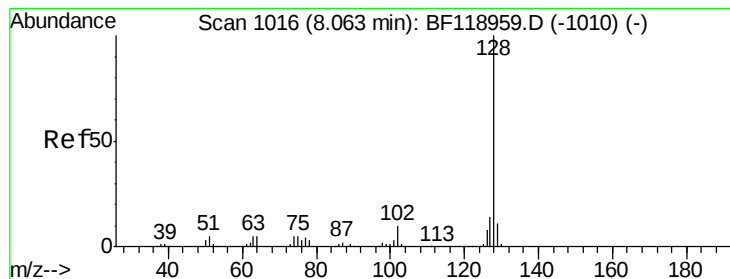


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.510 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

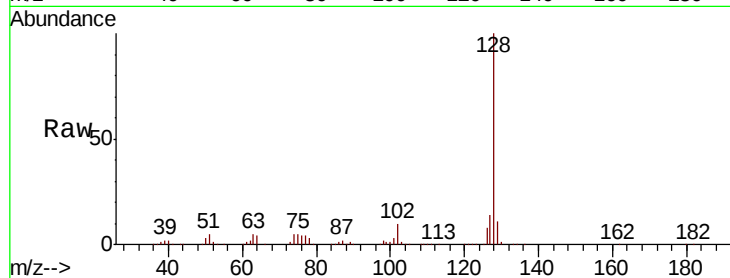
Tot Ion:128 Resp: 941720

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

127 13.7 11.4 17.2



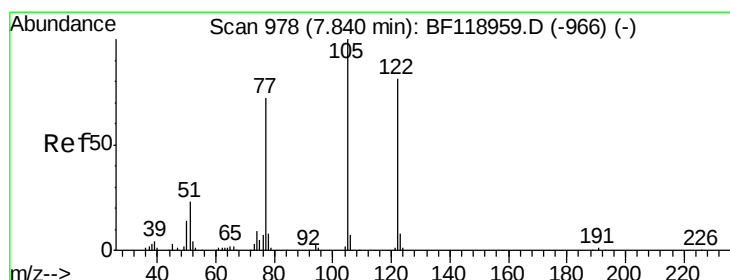
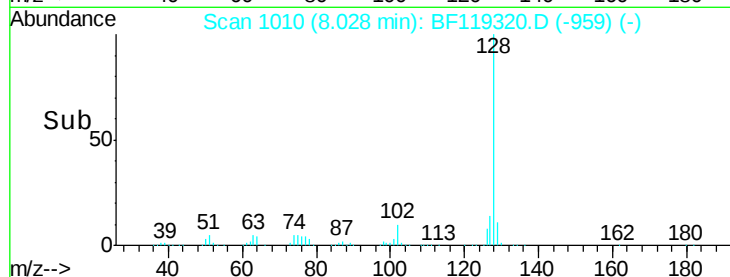
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

8.03

Time-->



#32

Benzoic acid

Concen: 27.395 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

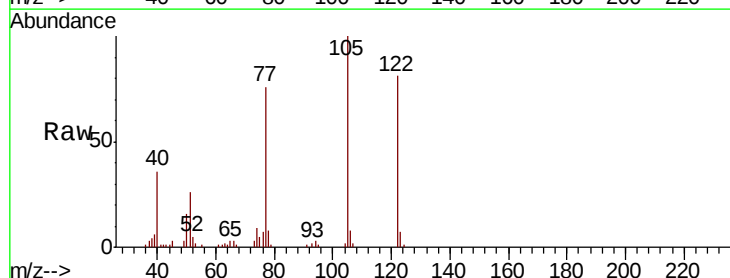
Tgt Ion:122 Resp: 98691

Ion Ratio Lower Upper

122 100

105 123.4 106.3 146.3

77 93.4 73.1 113.1



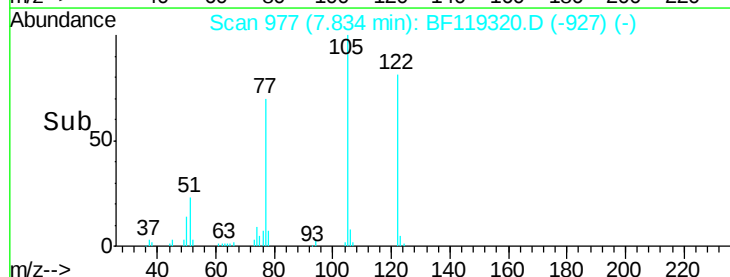
Abundance Ion 122.00 (121.70 to 122.70): E

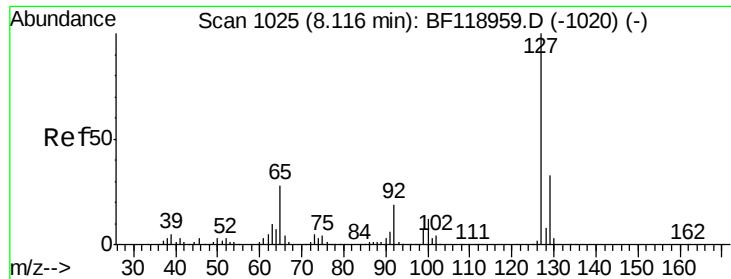
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

7.83

Time-->

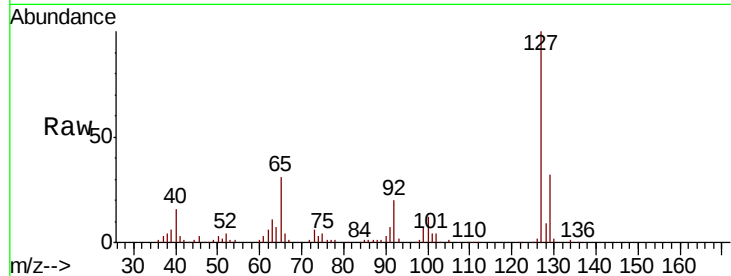




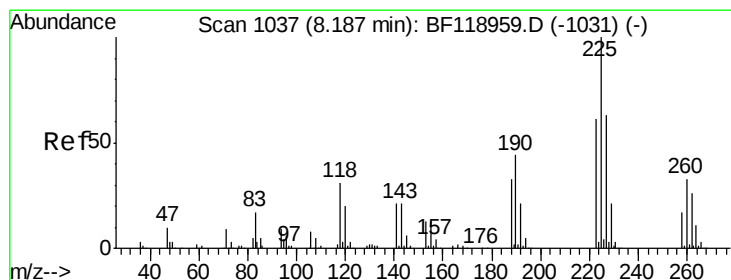
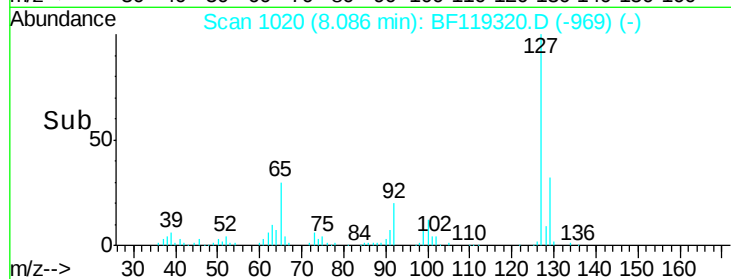
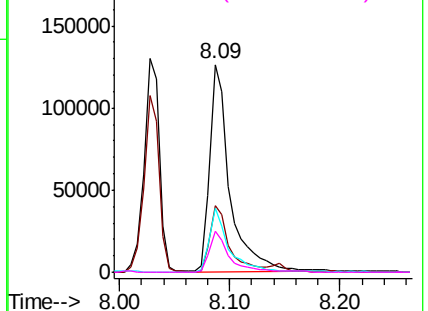
#33
4-Chloroaniline
Concen: 16.916 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Instrument :
BNA_F
ClientSampleId :
TP-3-DMS

Tot Ion:	127	Resp:	157470
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	30.6	23.9	35.9
92	20.0	16.3	24.5

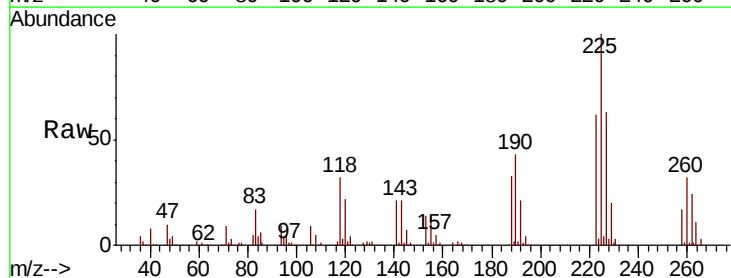


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

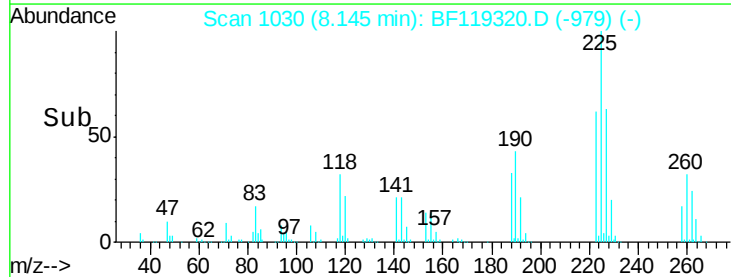
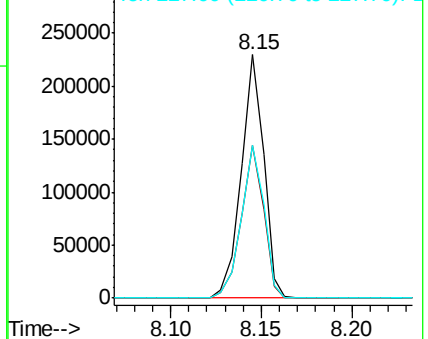


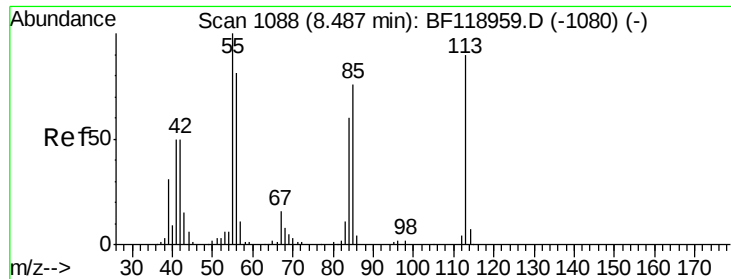
#34
Hexachlorobutadiene
Concen: 40.528 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Tgt Ion:	225	Resp:	198049
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.4	74.2
227	62.8	52.9	79.3



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

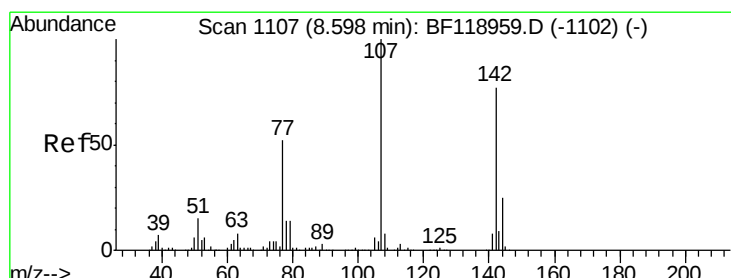
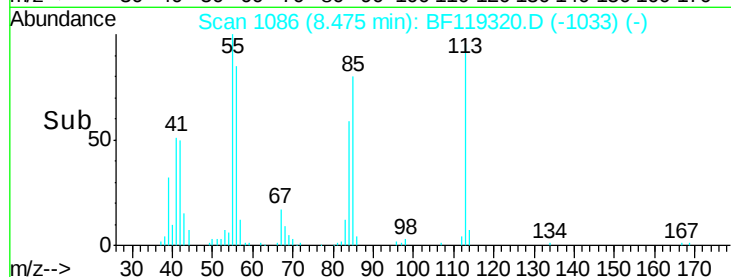
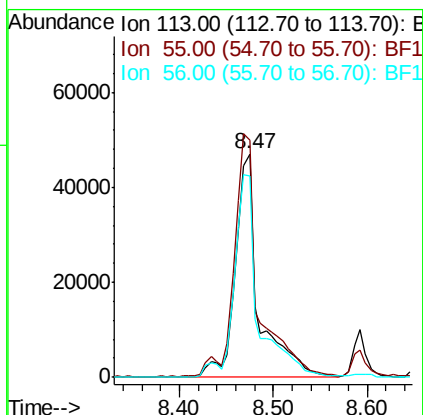
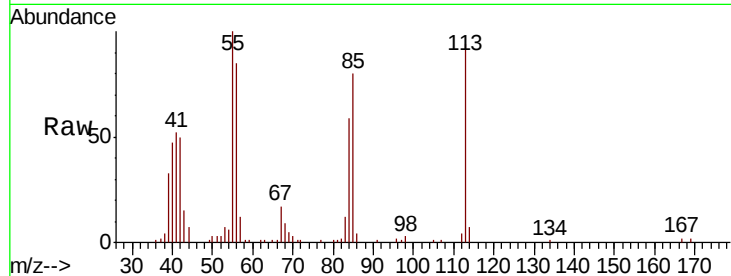




#35
 Caprolactam
 Concen: 40.189 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

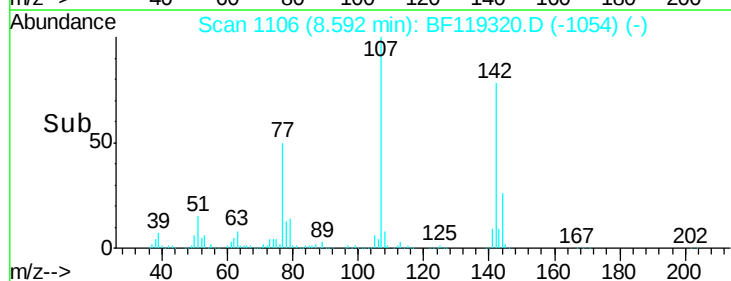
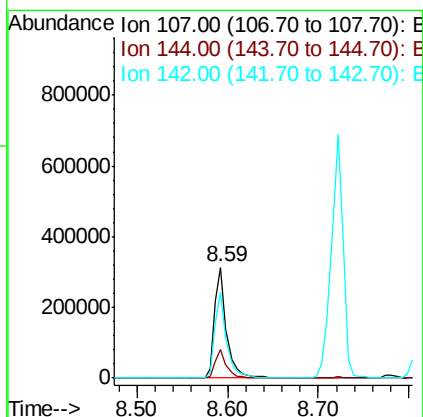
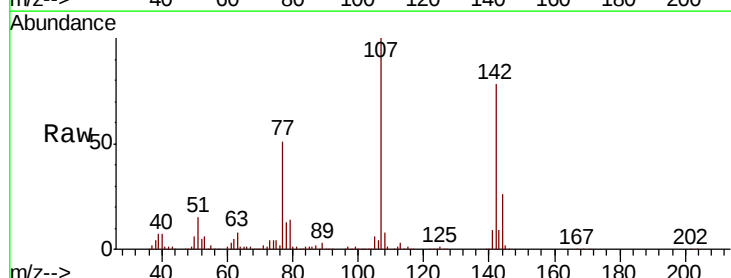
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-DMS

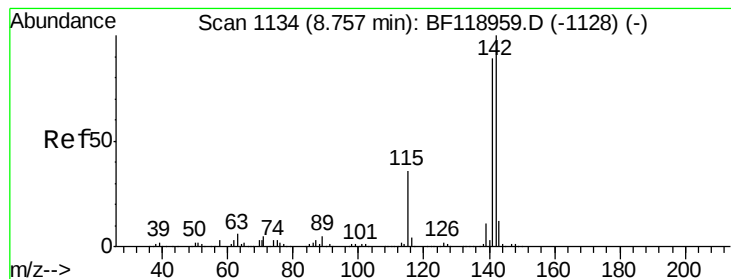
Tot Ion:113 Resp: 81883
 Ion Ratio Lower Upper
 113 100
 55 106.2 95.7 135.7
 56 90.0 73.1 113.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.666 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

Tgt Ion:107 Resp: 292416
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.1 30.1
 142 77.5 61.4 92.2





#37

2-Methylnaphthalene

Concen: 43.321 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

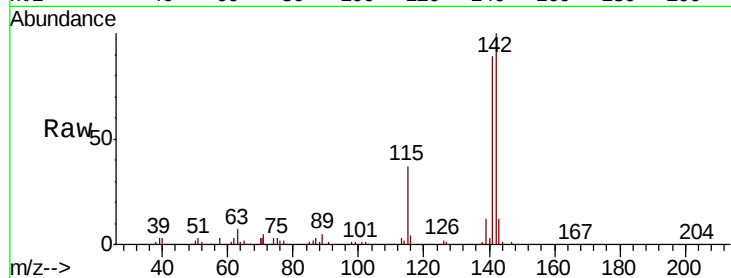
Tot Ion:142 Resp: 630985

Ion Ratio Lower Upper

142 100

141 88.8 72.3 108.5

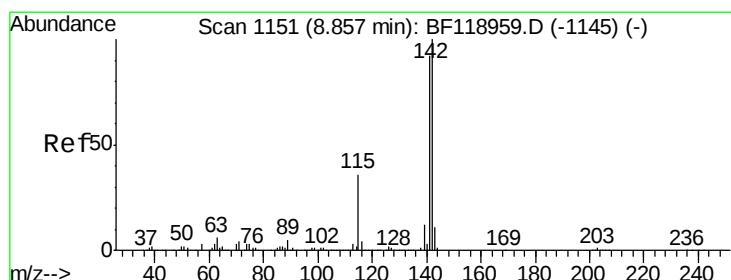
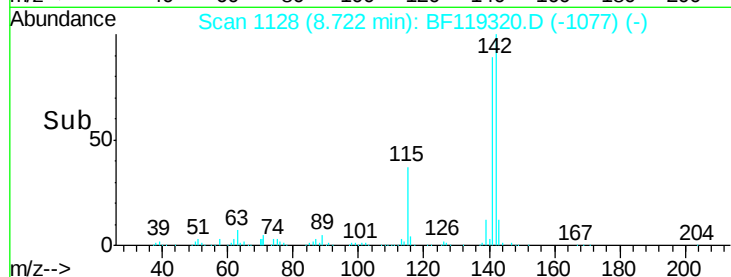
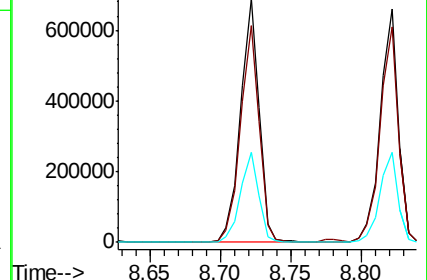
115 36.8 30.6 45.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.767 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

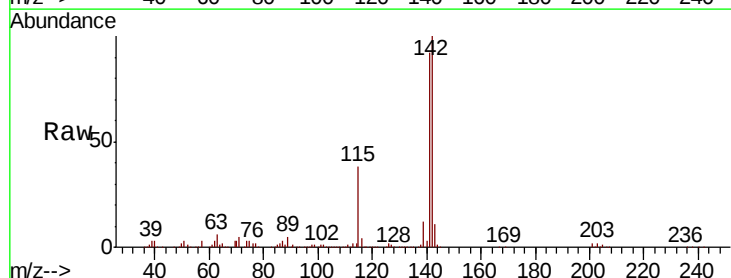
Tgt Ion:142 Resp: 585825

Ion Ratio Lower Upper

142 100

141 92.2 75.8 113.6

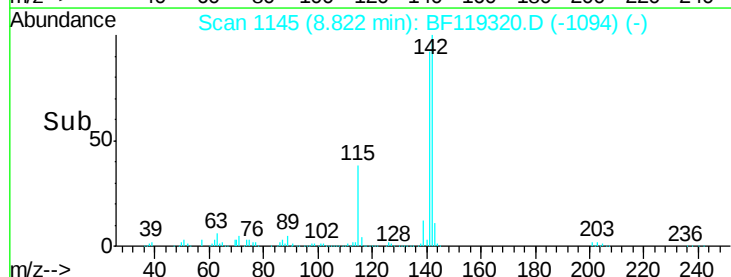
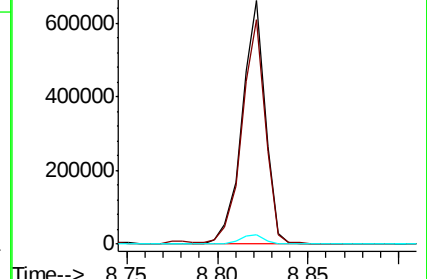
116 3.9 3.1 4.7

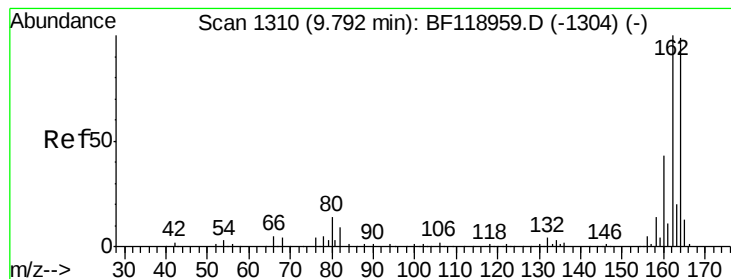


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

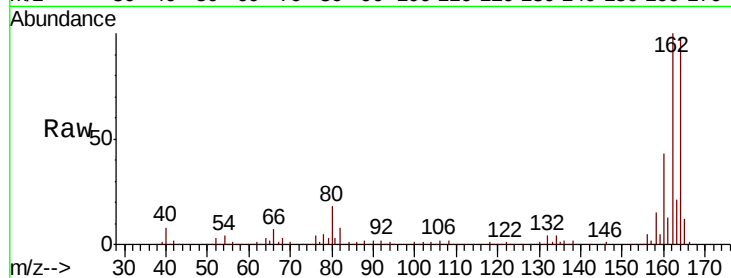
Tot Ion:164 Resp: 215482

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.8

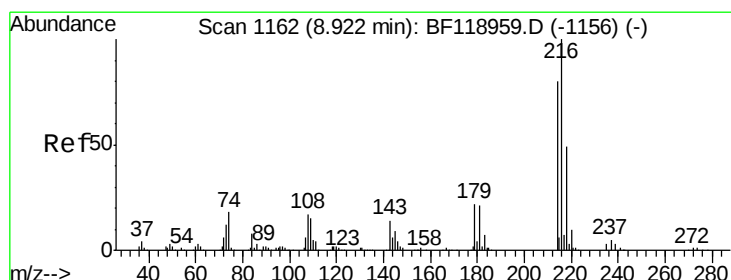
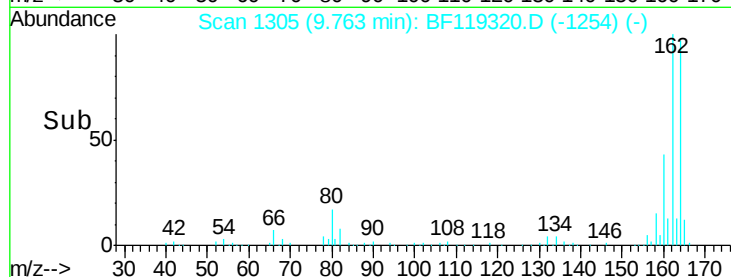
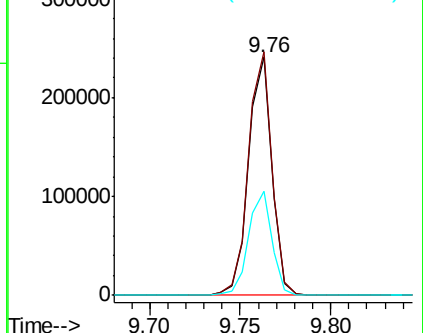
160 43.8 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.899 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Tgt Ion:216 Resp: 311667

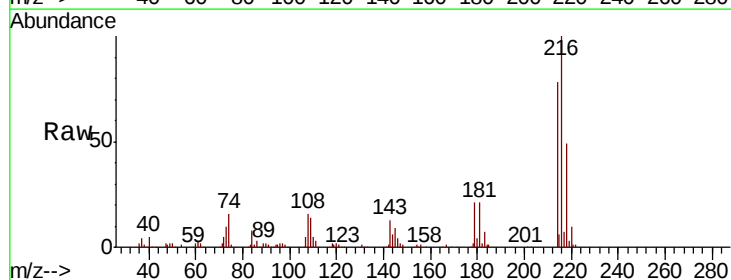
Ion Ratio Lower Upper

216 100

214 77.9 63.3 94.9

179 21.5 17.7 26.5

108 16.8 13.9 20.9

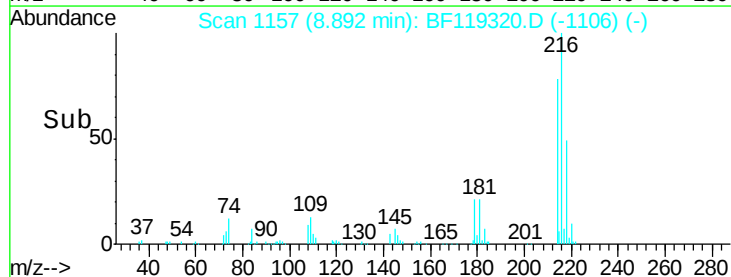
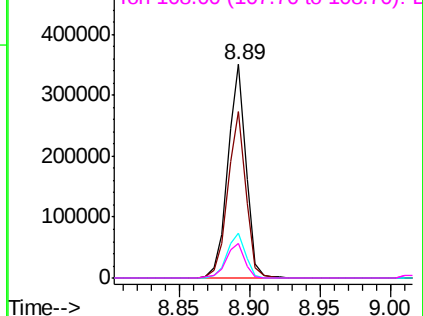


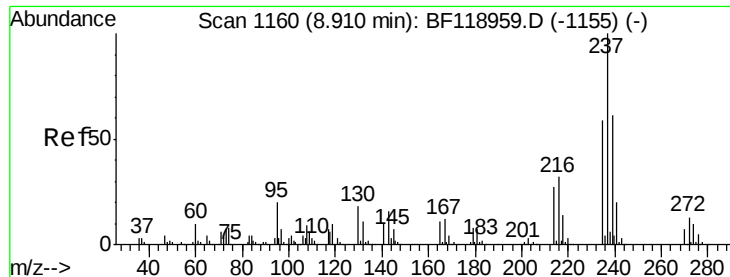
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 12.785 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

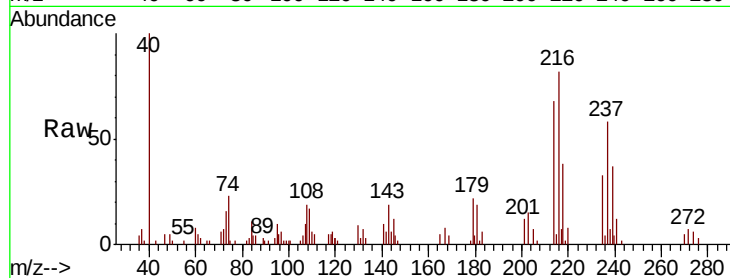
Tot Ion:237 Resp: 10160

Ion Ratio Lower Upper

237 100

235 56.1 42.3 82.3

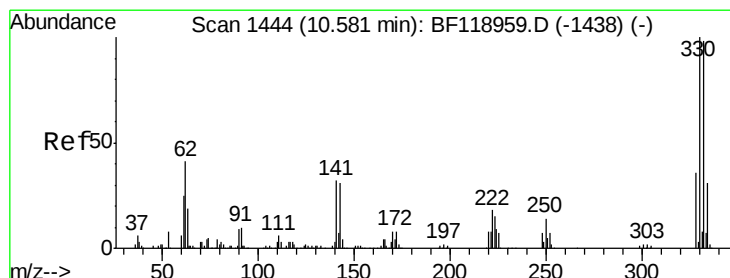
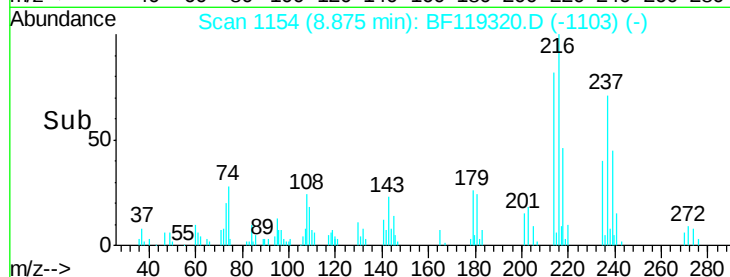
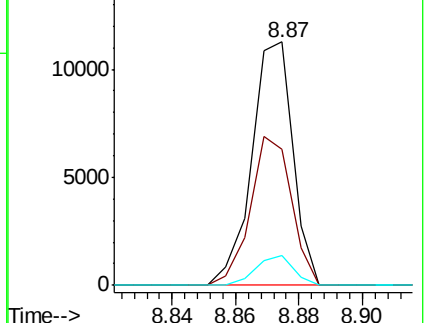
272 12.4 0.0 33.5



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: 91.626 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

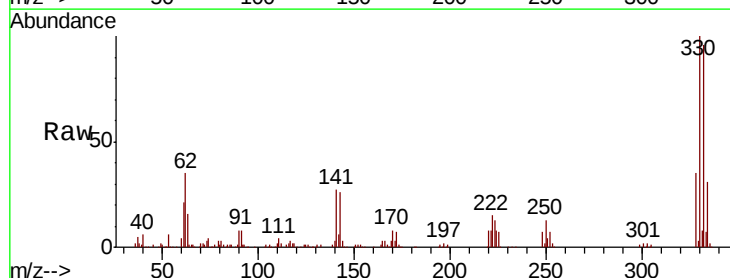
Tgt Ion:330 Resp: 258282

Ion Ratio Lower Upper

330 100

332 96.4 76.0 114.0

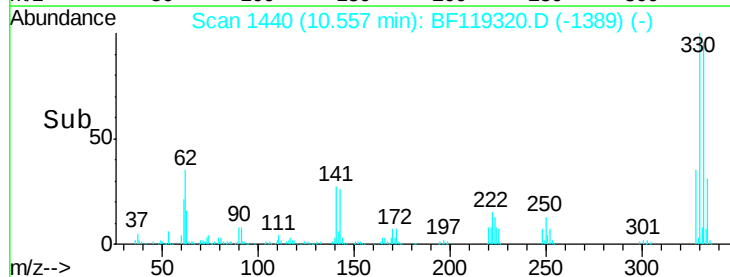
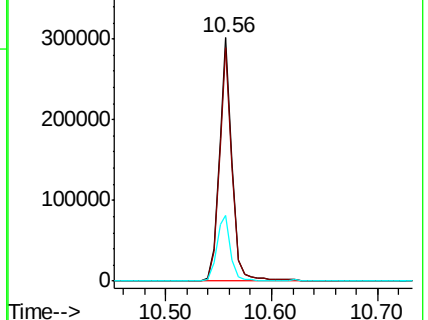
141 29.6 22.9 34.3

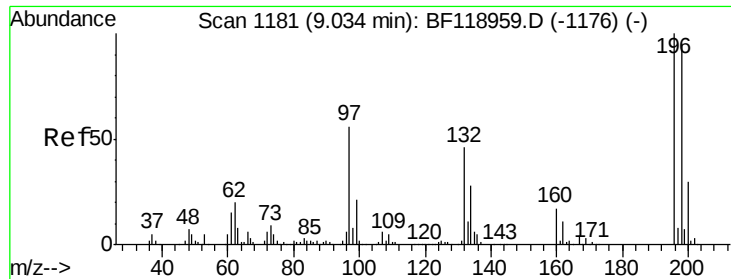


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

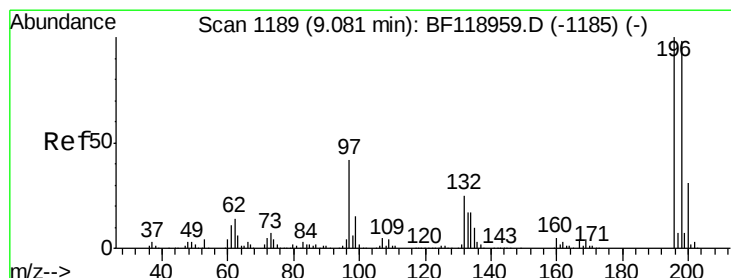
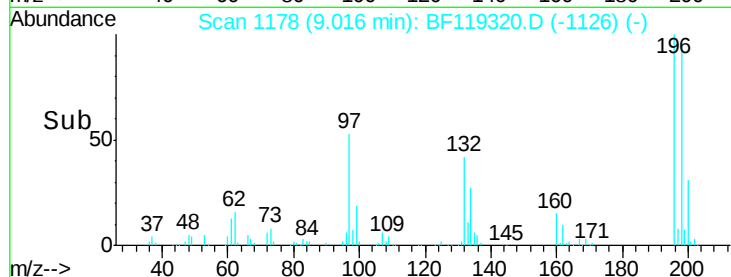
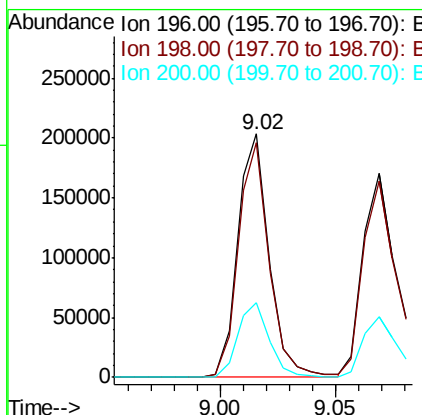
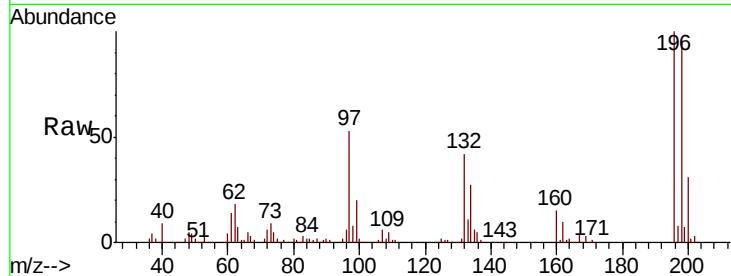




#43
 2,4,6-Trichlorophenol
 Concen: 41.915 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

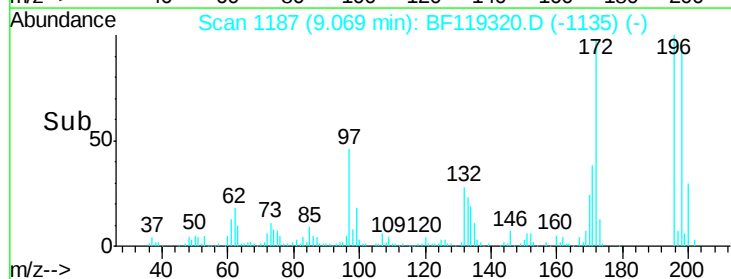
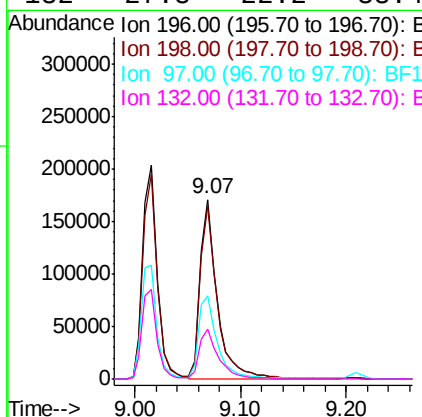
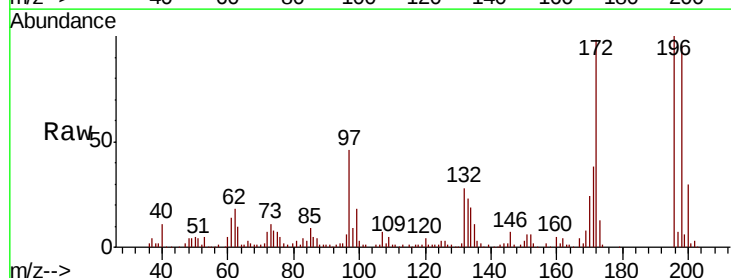
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-DMS

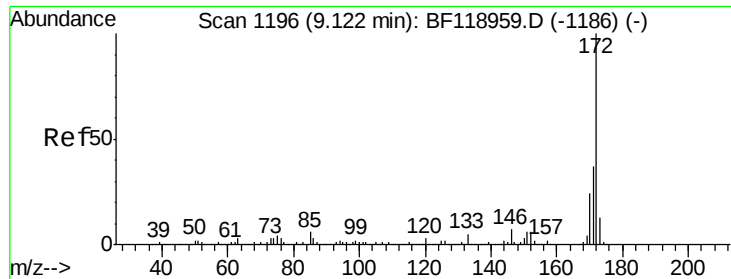
Tot Ion:196 Resp: 192302
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.1 115.7
 200 30.5 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.860 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

Tgt Ion:196 Resp: 191898
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.8 115.2
 97 46.2 38.5 57.7
 132 27.8 22.2 33.4

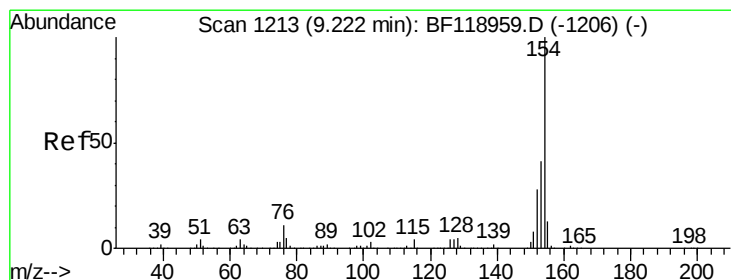
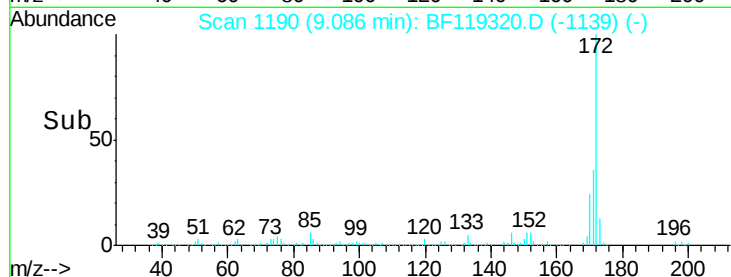
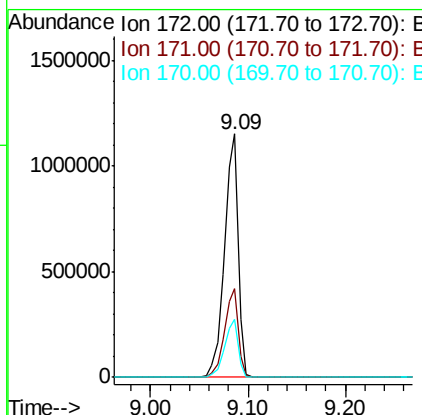
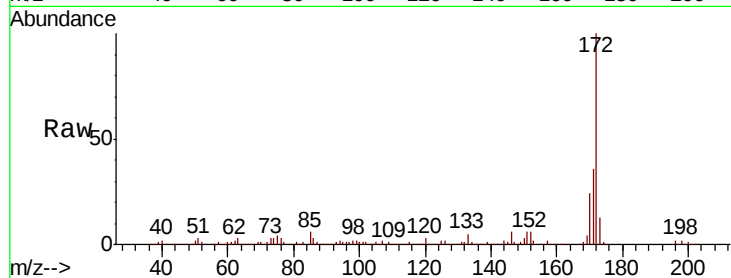




#45
2-Fluorobiphenyl
Concen: 76.726 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

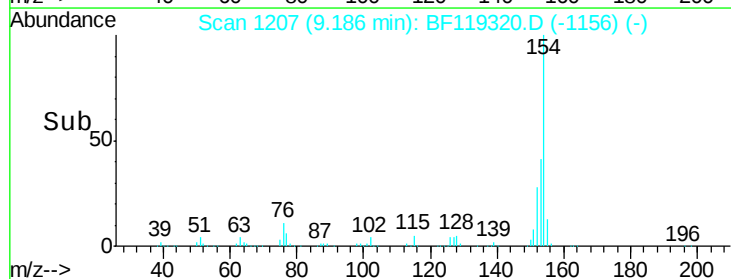
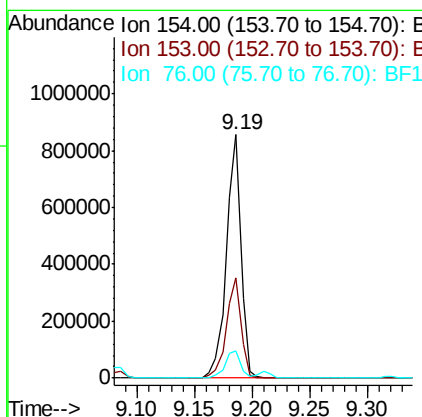
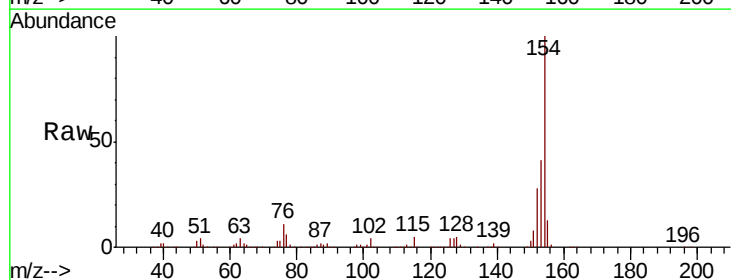
Instrument :
BNA_F
ClientSampleId :
TP-3-DMS

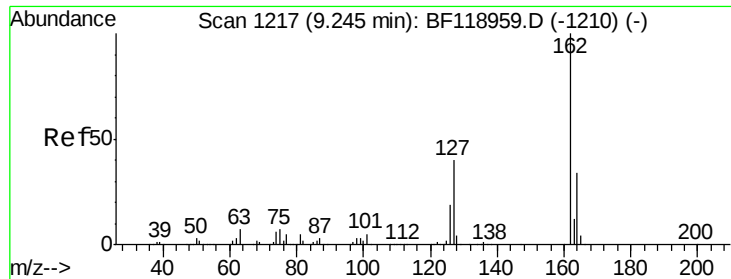
Tot Ion:172 Resp: 1122275
Ion Ratio Lower Upper
172 100
171 36.4 30.6 45.8
170 24.1 20.2 30.2



#46
1,1'-Biphenyl
Concen: 43.107 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Tgt Ion:154 Resp: 750727
Ion Ratio Lower Upper
154 100
153 41.2 22.8 62.8
76 11.0 0.0 32.2

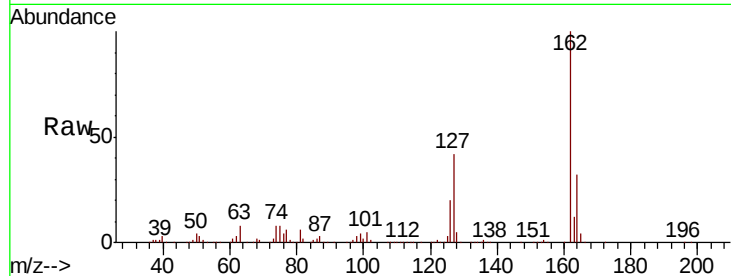




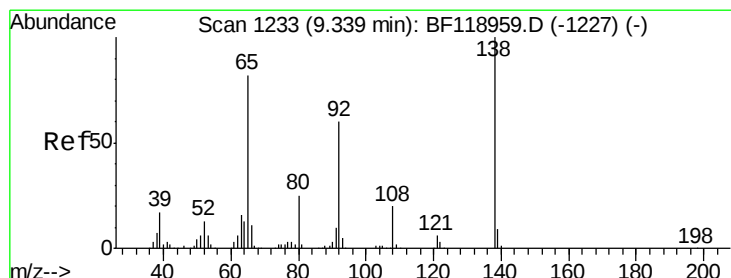
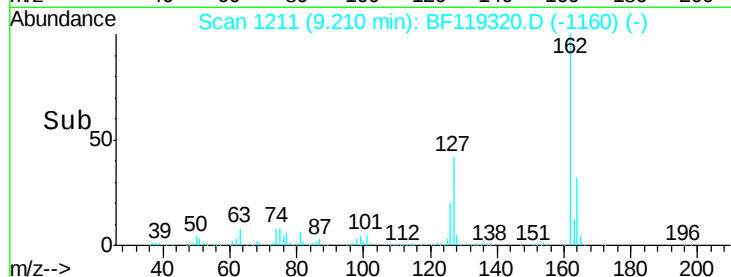
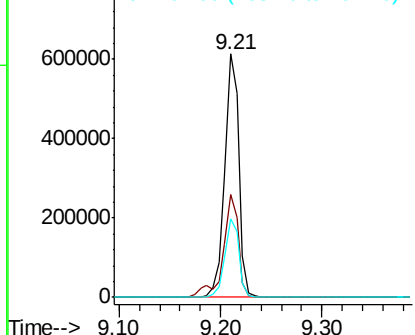
#47
2-Chloronaphthalene
Concen: 42.187 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Instrument :
BNA_F
ClientSampleId :
TP-3-DMS

Tot Ion:162 Resp: 592063
Ion Ratio Lower Upper
162 100
127 42.4 35.0 52.4
164 32.4 27.2 40.8

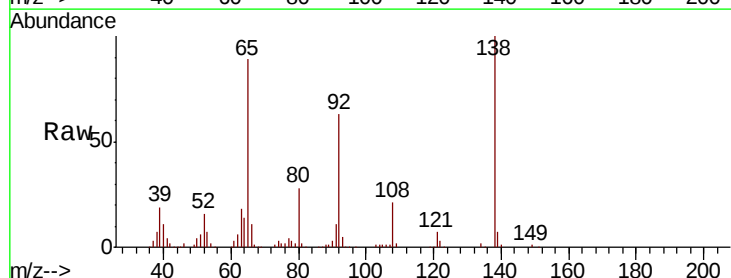


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

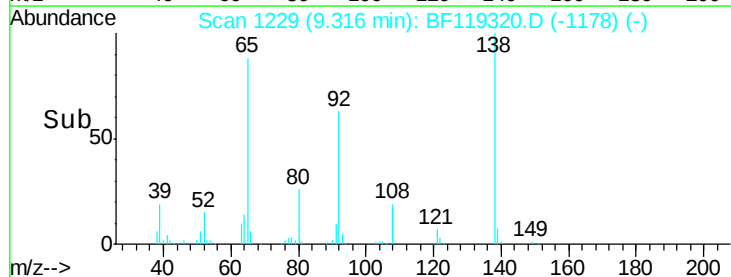
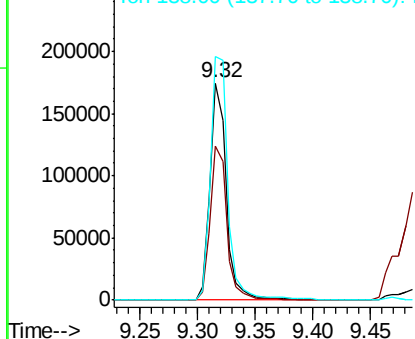


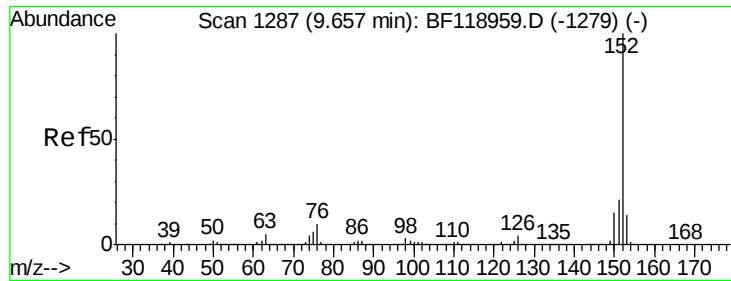
#48
2-Nitroaniline
Concen: 43.551 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Tgt Ion: 65 Resp: 170477
Ion Ratio Lower Upper
65 100
92 70.7 58.2 87.2
138 112.0 95.6 143.4



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: 42.830 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

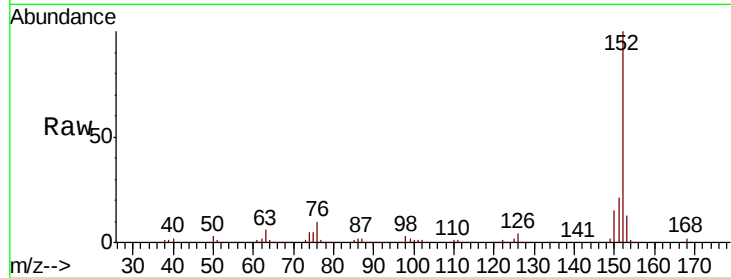
Tot Ion:152 Resp: 868143

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

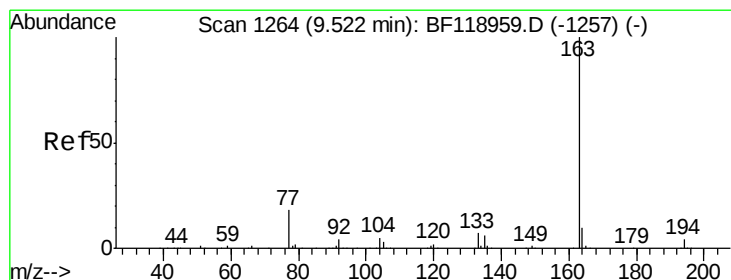
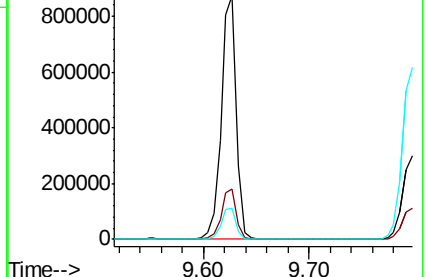
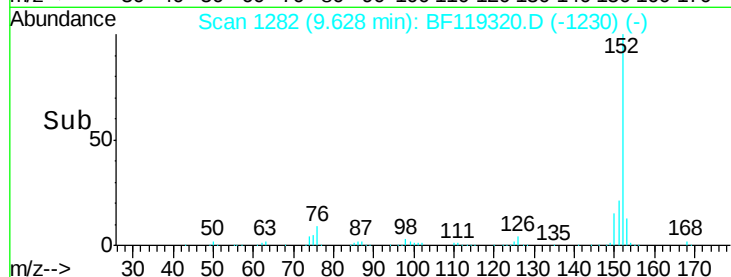
153 13.0 11.0 16.6



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: 52.197 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

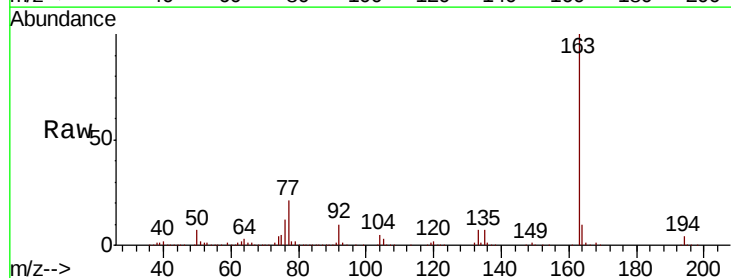
Tgt Ion:163 Resp: 860081

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

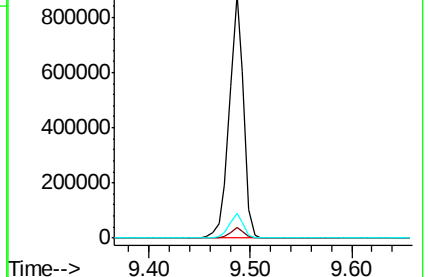
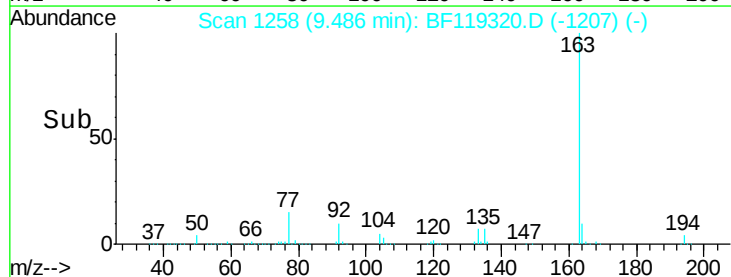
164 10.2 8.4 12.6



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

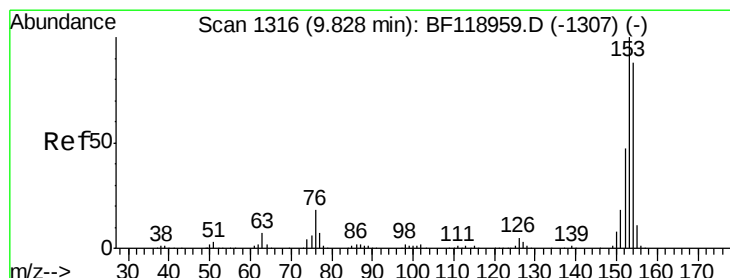
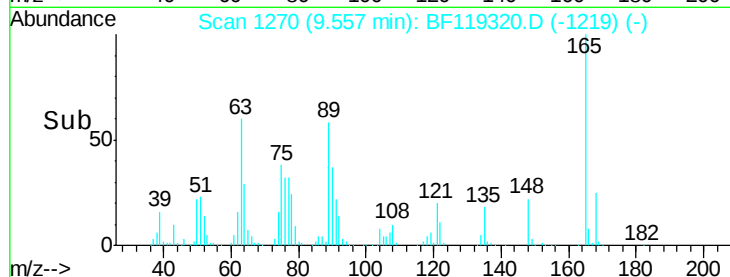
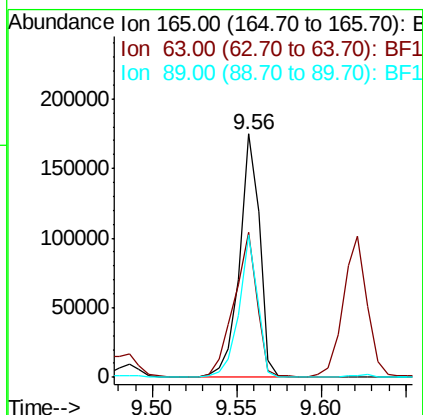
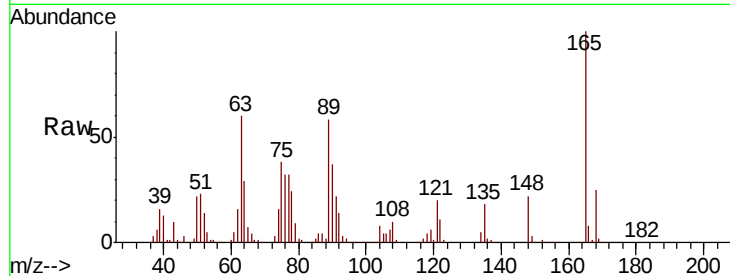




#51
 2,6-Dinitrotoluene
 Concen: 39.434 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

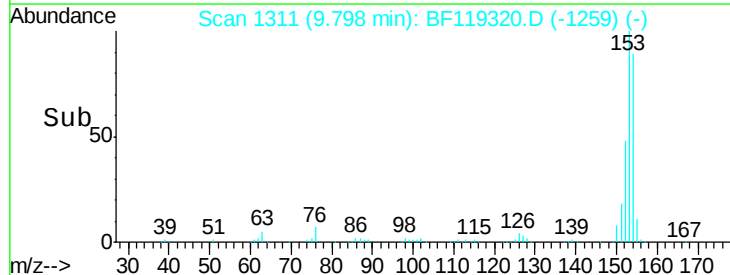
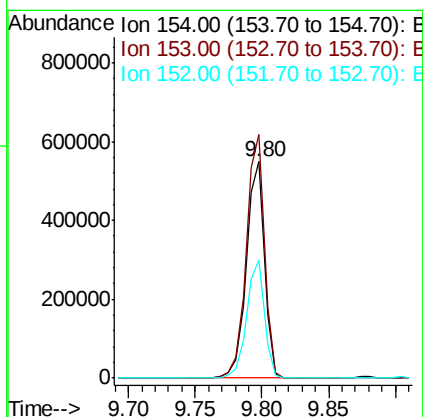
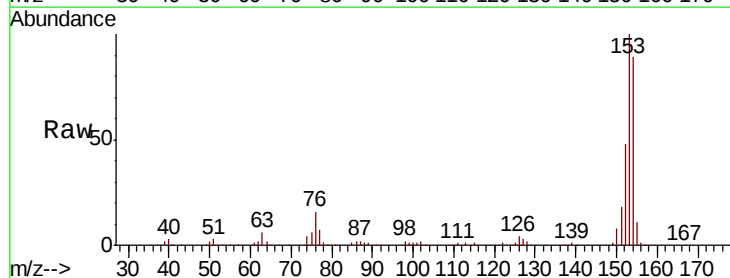
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-DMS

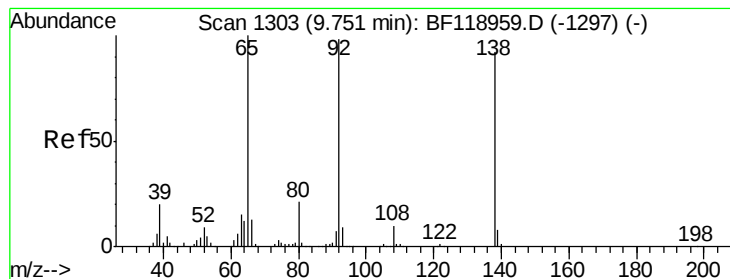
Tot Ion	Ratio	Lower	Upper
165	100		
63	59.8	34.3	51.5#
89	58.3	38.3	57.5#



#52
 Acenaphthene
 Concen: 41.822 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.3	135.5
152	54.4	43.8	65.8





#53

3-Nitroaniline

Concen: 26.207 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

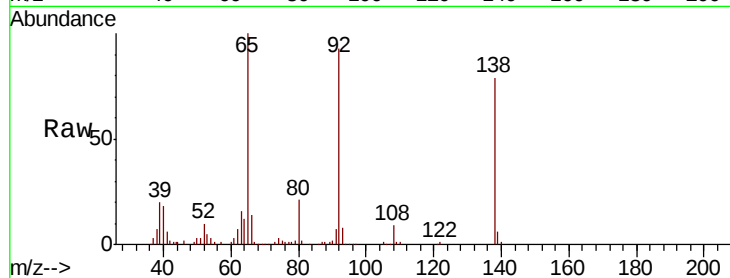
Tot Ion:138 Resp: 106361

Ion Ratio Lower Upper

138 100

108 11.7 8.8 13.2

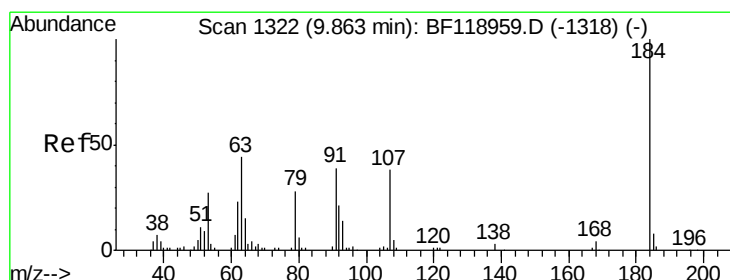
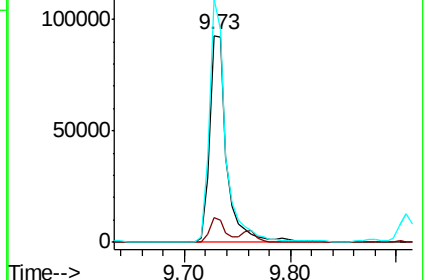
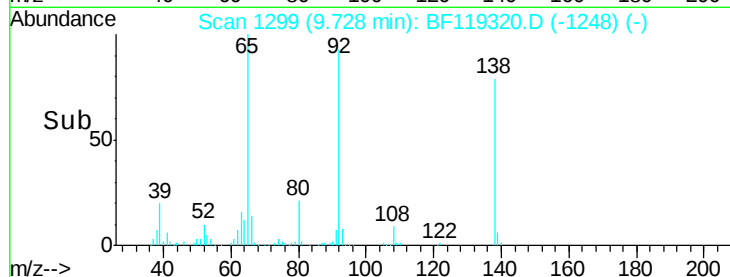
92 117.6 84.8 127.2



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: 11.423 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.02 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

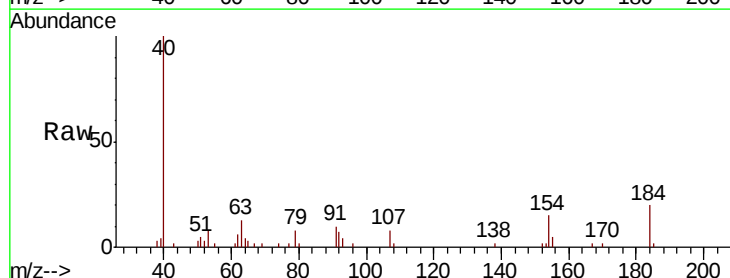
Tgt Ion:184 Resp: 7747

Ion Ratio Lower Upper

184 100

63 65.6 38.7 58.1#

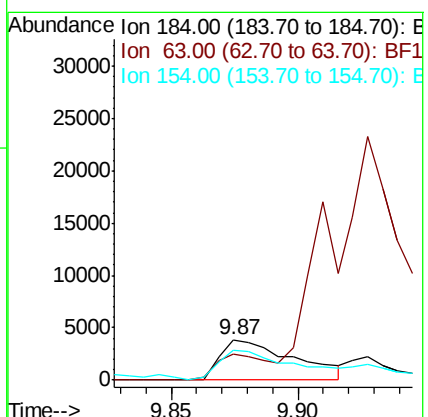
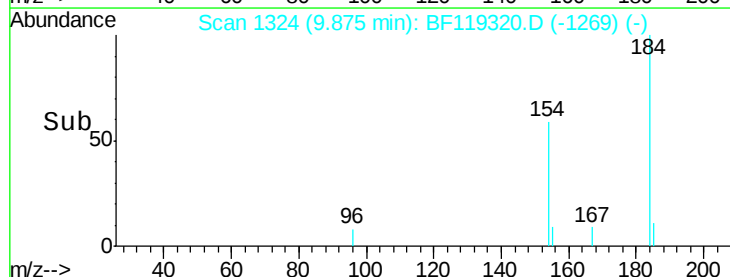
154 73.0 49.7 74.5

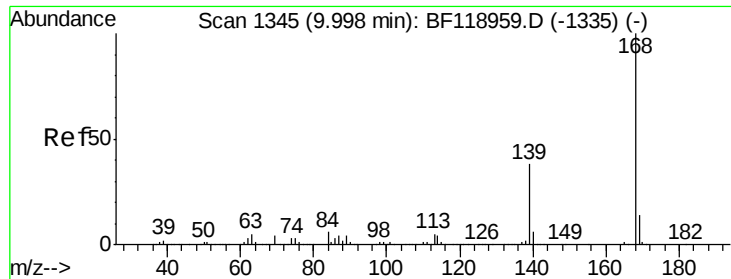


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

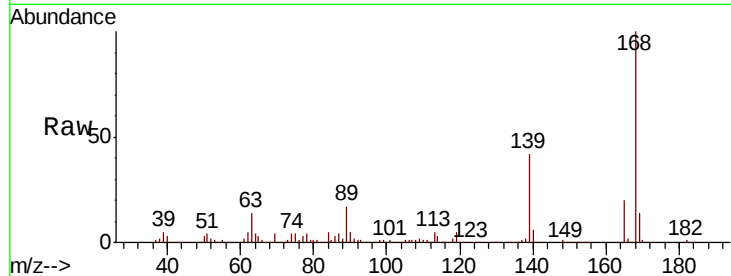




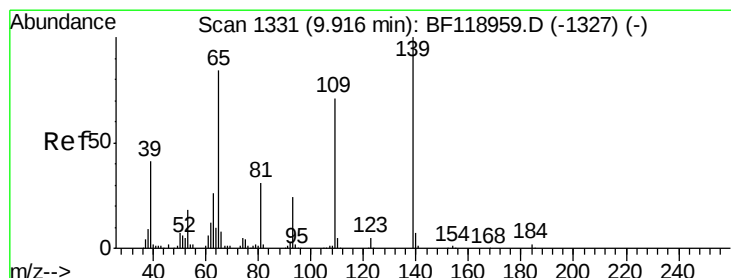
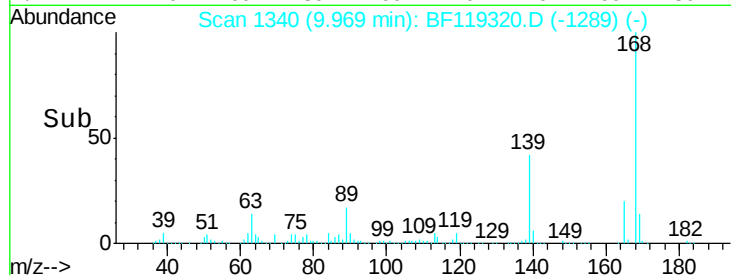
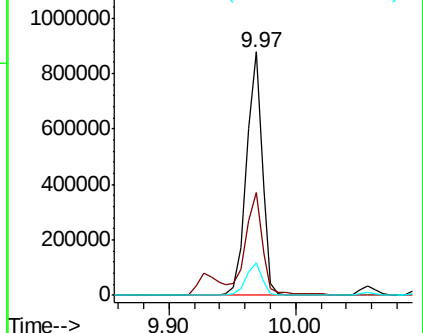
#55
Dibenzofuran
Concen: 41.290 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Instrument :
BNA_F
ClientSampleId :
TP-3-DMS

Tot Ion:168 Resp: 753240
Ion Ratio Lower Upper
168 100
139 42.2 34.0 51.0
169 13.5 11.0 16.4

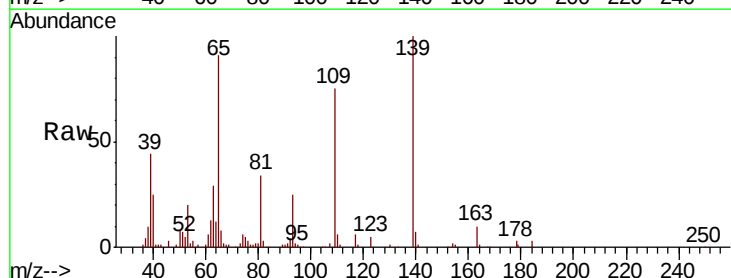


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

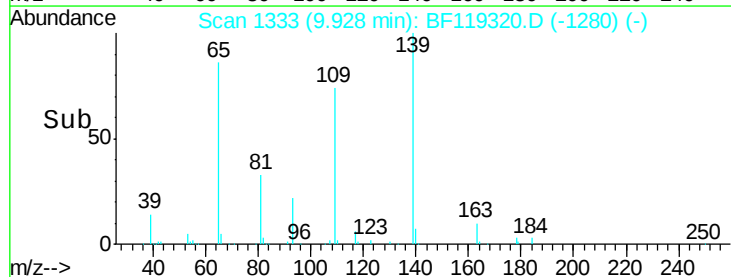
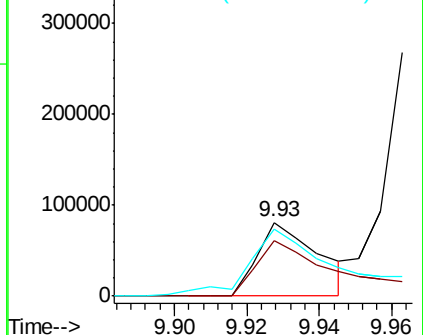


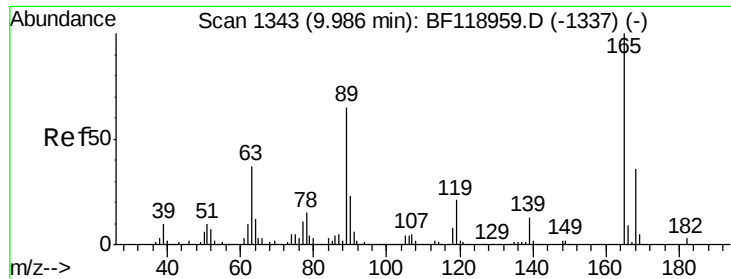
#56
4-Nitrophenol
Concen: 38.259 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Tgt Ion:139 Resp: 93291
Ion Ratio Lower Upper
139 100
109 75.0 56.7 96.7
65 90.7 65.0 105.0



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

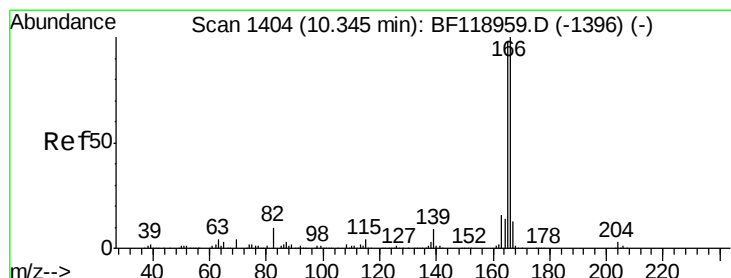
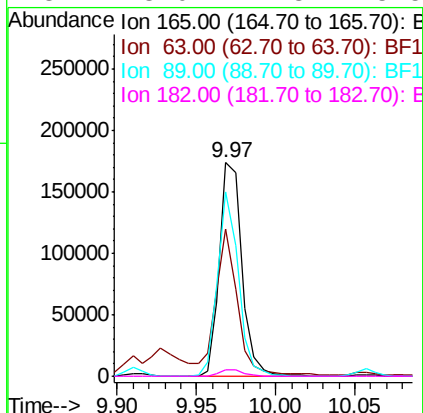
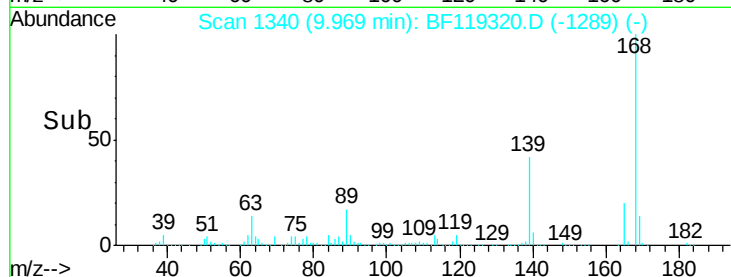
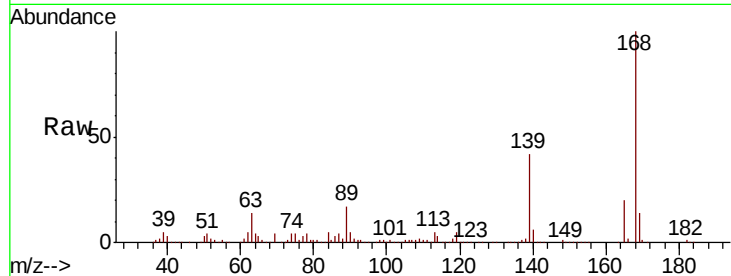




#57
 2,4-Dinitrotoluene
 Concen: 36.254 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

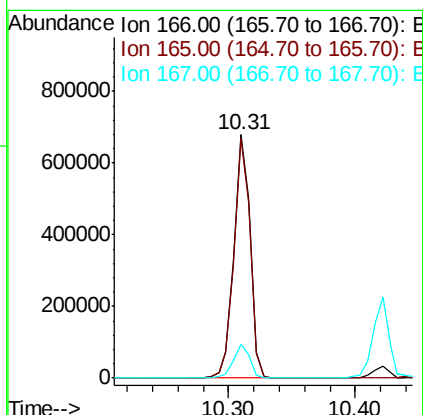
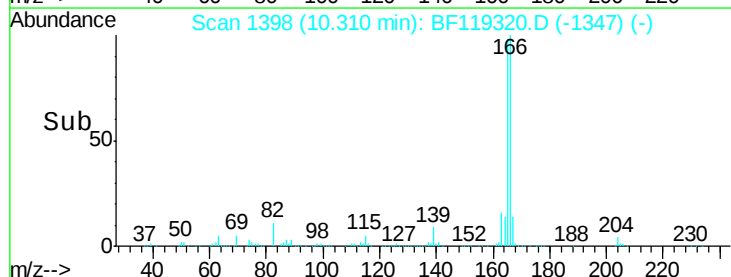
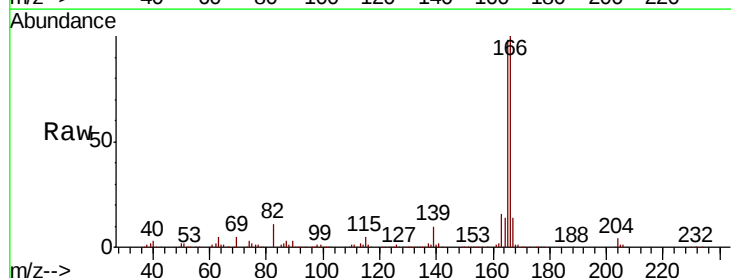
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-DMS

Tot Ion:165	Resp:	172031
Ion Ratio	Lower	Upper
165	100	
63	68.8	42.3 63.5#
89	86.5	60.2 90.4
182	3.0	2.3 3.5



#58
 Fluorene
 Concen: 41.666 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

Tgt Ion:166	Resp:	590643
Ion Ratio	Lower	Upper
166	100	
165	98.3	78.5 117.7
167	13.7	11.0 16.4

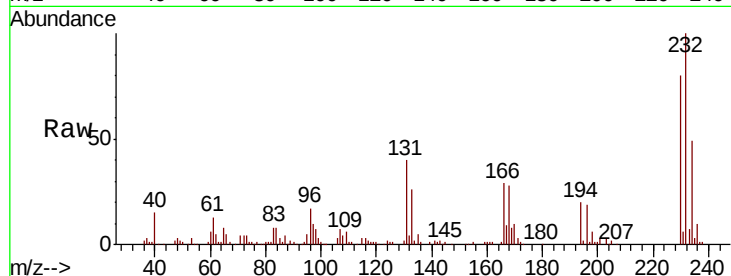




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.194 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-DMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	33.8	50.8
130	2.2	1.8	2.6
166	28.5	23.0	34.4



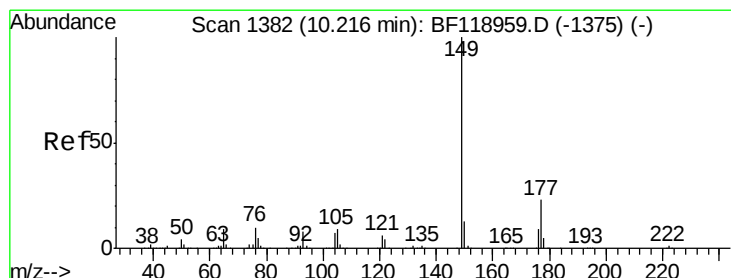
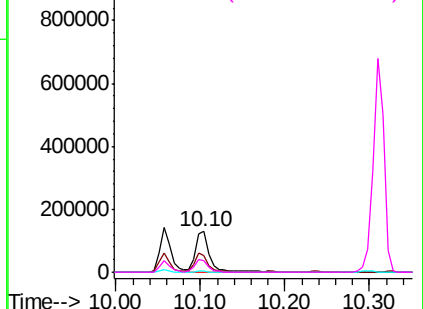
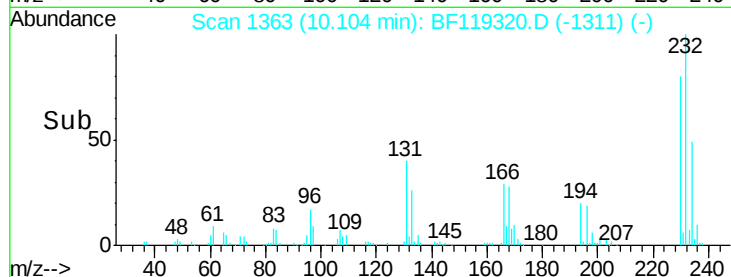
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

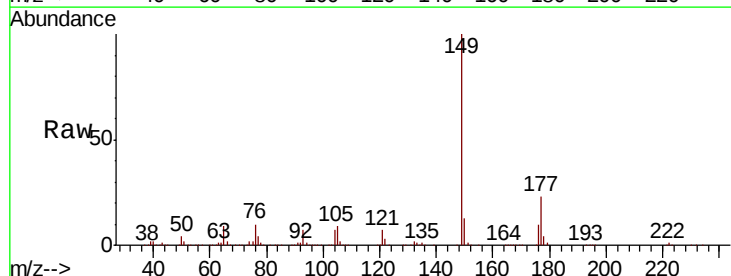
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.210 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.2	27.2
150	12.6	10.5	15.7

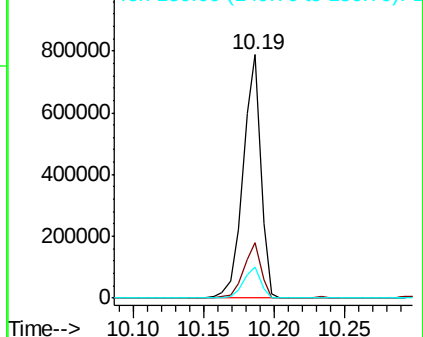
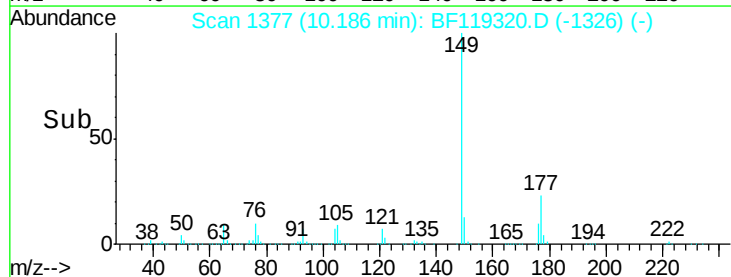


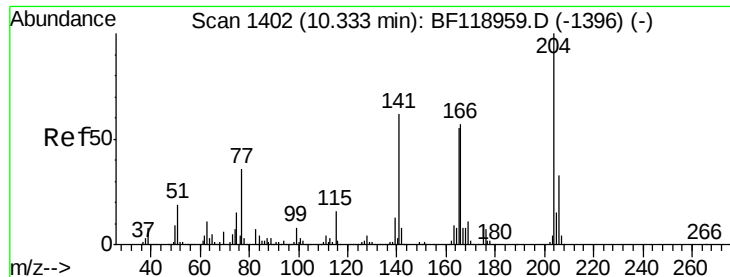
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

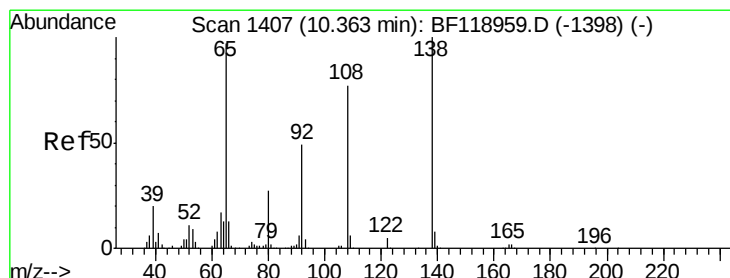
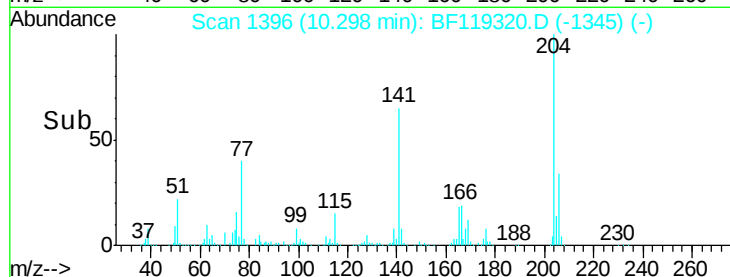
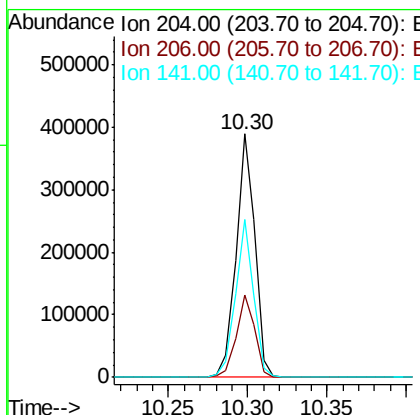
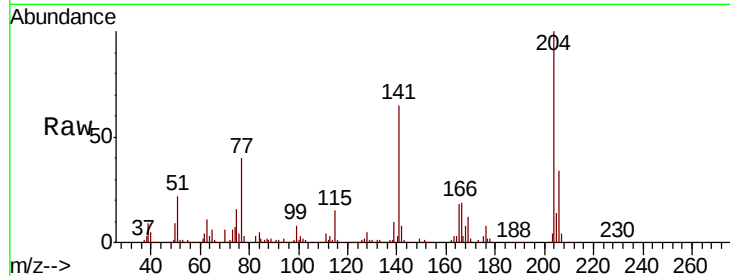




#61
 4-Chlorophenyl-phenylether
 Concen: 42.547 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

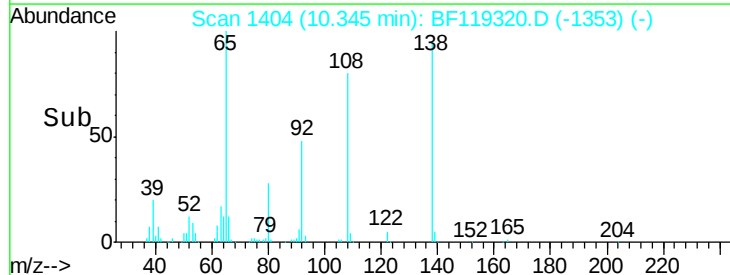
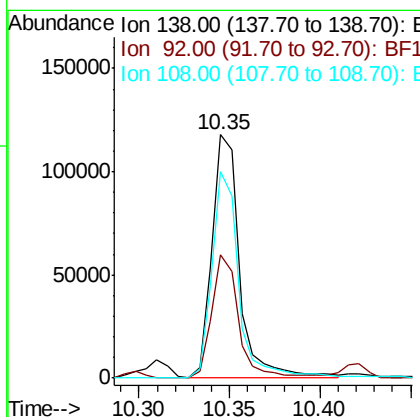
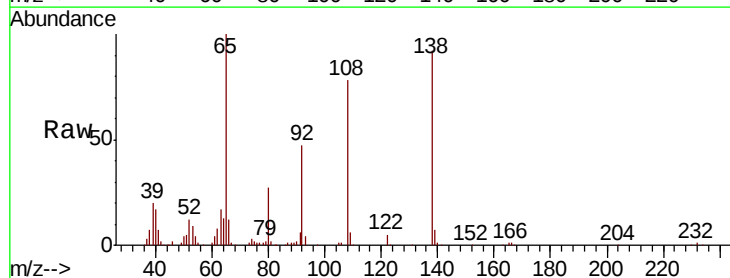
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-DMS

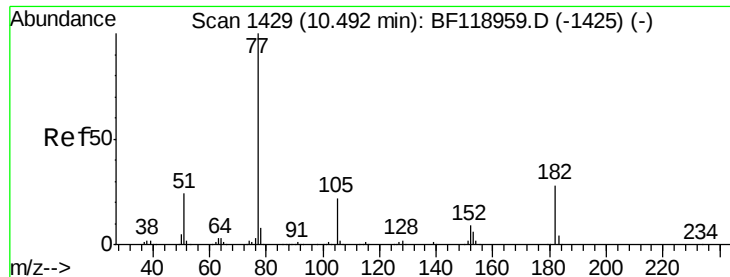
Tot Ion:	204	Resp:	319247
Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.1	40.7
141	64.8	52.9	79.3



#62
 4-Nitroaniline
 Concen: 30.248 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

Tgt Ion:	138	Resp:	125597
Ion	Ratio	Lower	Upper
138	100		
92	50.8	27.3	67.3
108	84.9	57.0	97.0

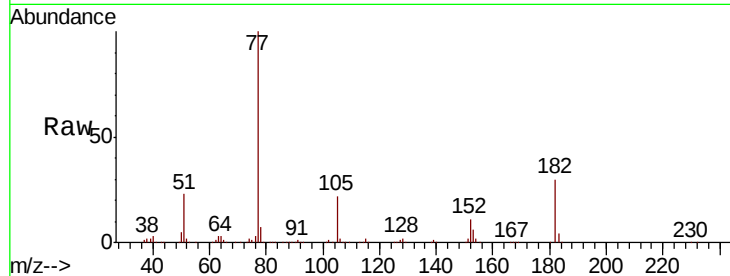




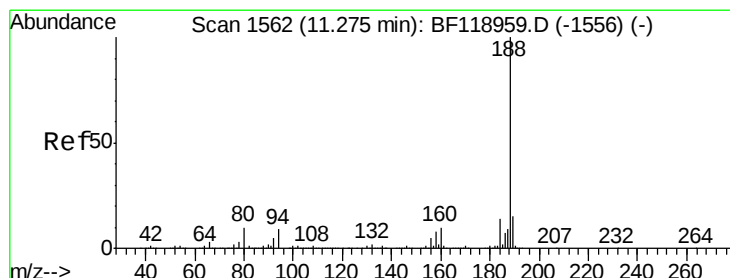
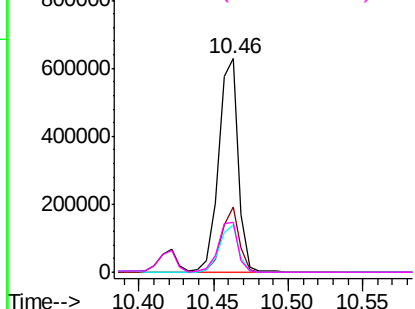
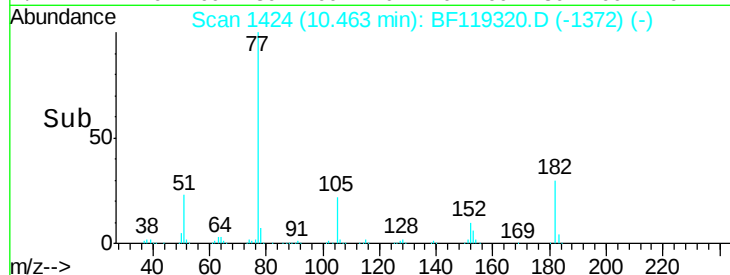
#63
Azobenzene
Concen: 42.882 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Instrument :
BNA_F
ClientSampleId :
TP-3-DMS

Tot Ion: 77 Resp: 578779
Ion Ratio Lower Upper
77 100
182 30.5 11.4 51.4
105 22.2 3.4 43.4
51 23.4 5.1 45.1

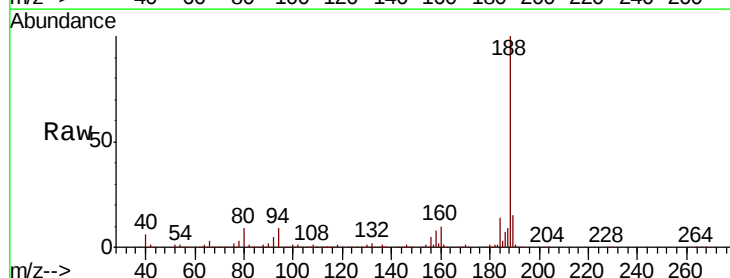


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

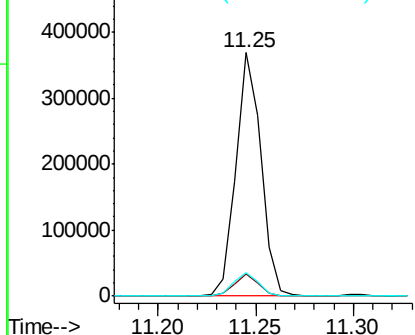
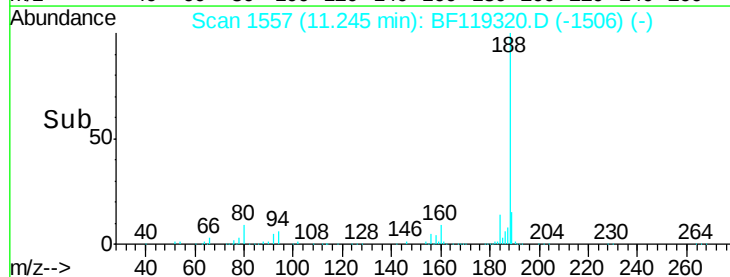


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Tgt Ion: 188 Resp: 329379
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.5 7.8 11.8



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

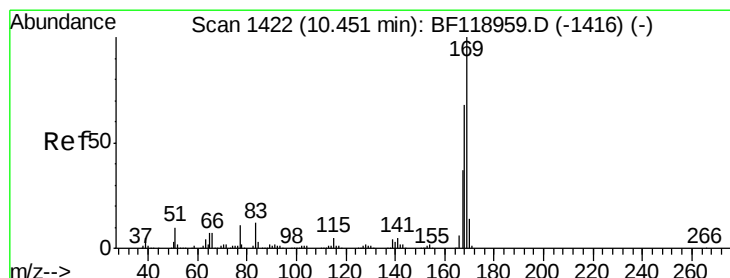
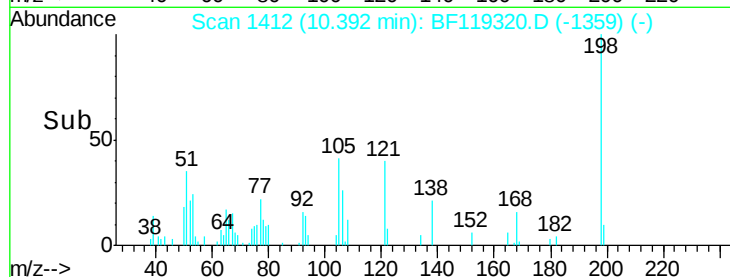
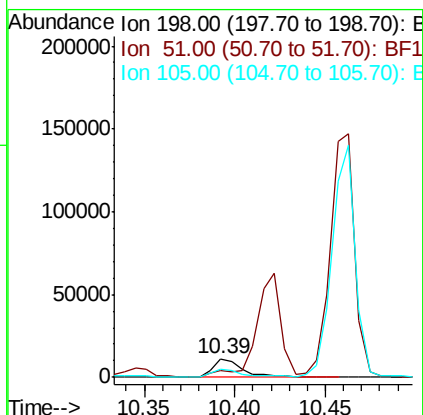
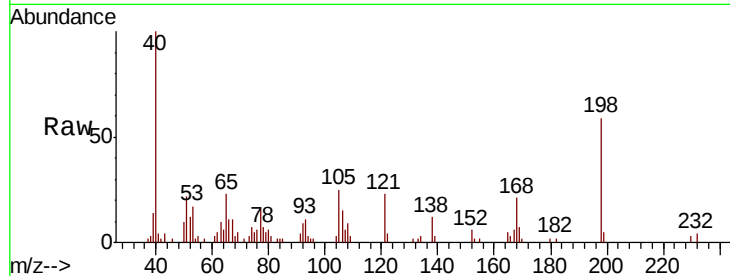




#65
4,6-Dinitro-2-methylphenol
Concen: 6.387 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

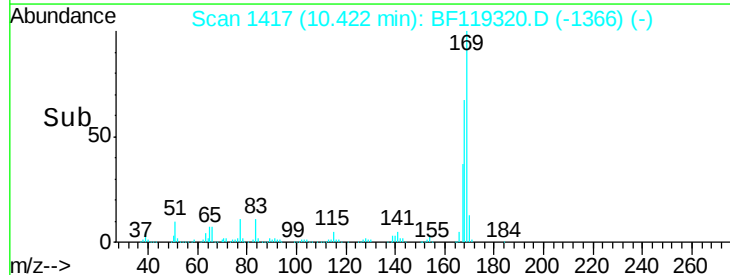
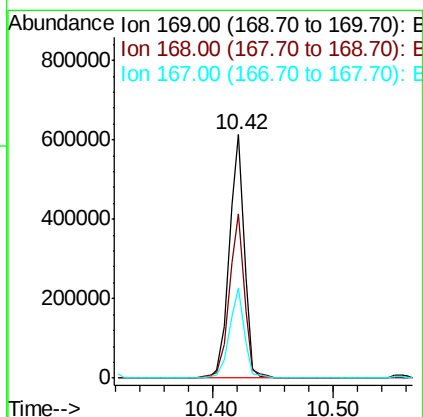
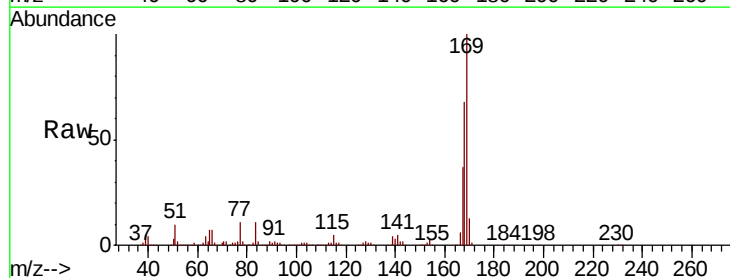
Instrument :
BNA_F
ClientSampleId :
TP-3-DMS

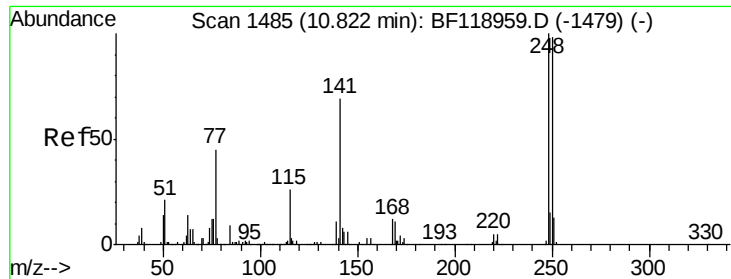
Tot Ion:198 Resp: 12731
Ion Ratio Lower Upper
198 100
51 36.9 14.2 54.2
105 42.3 22.7 62.7



#66
n-Nitrosodiphenylamine
Concen: 49.081 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Tgt Ion:169 Resp: 529339
Ion Ratio Lower Upper
169 100
168 67.5 54.1 81.1
167 36.8 29.4 44.0

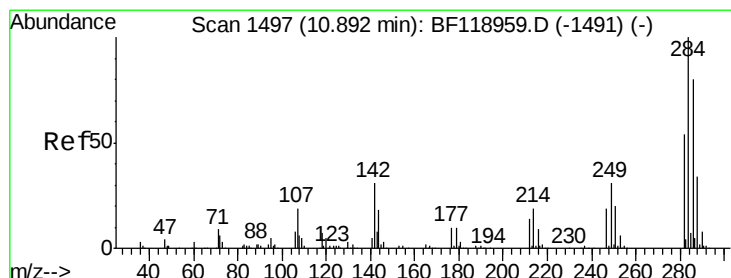
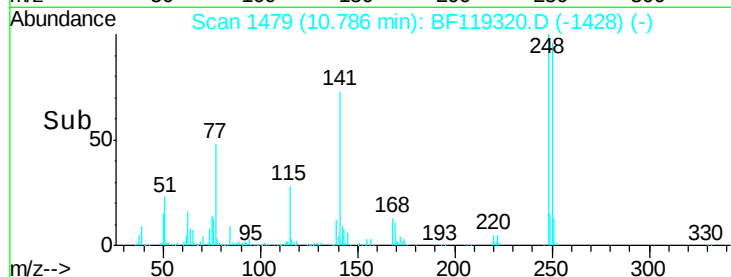
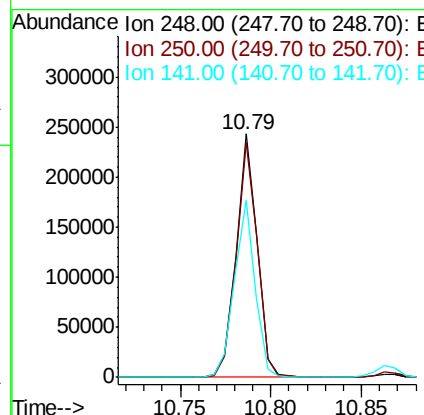
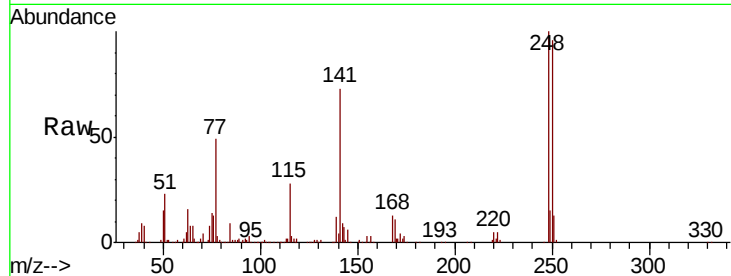




#67
4-Bromophenyl-phenylether
Concen: 45.588 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

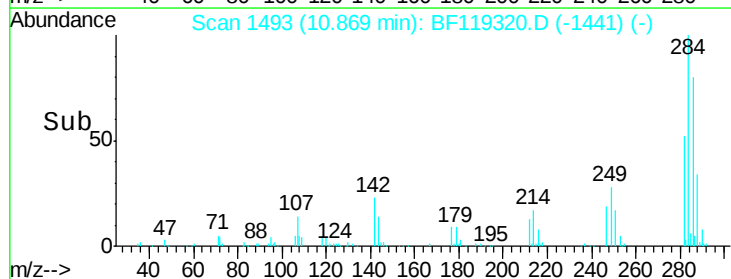
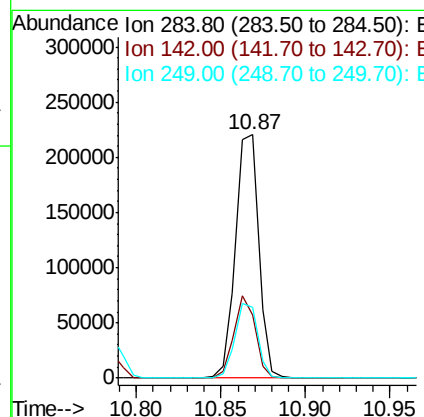
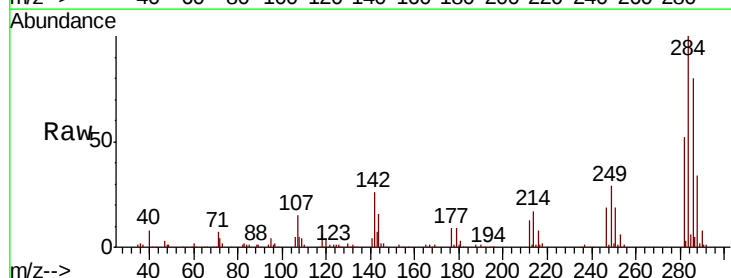
Instrument :
BNA_F
ClientSampleId :
TP-3-DMS

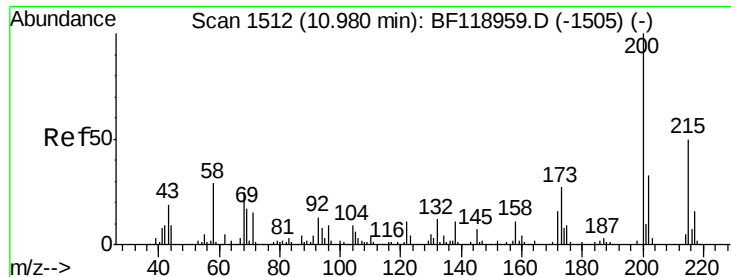
Tot Ion:248 Resp: 196274
Ion Ratio Lower Upper
248 100
250 96.2 76.7 115.1
141 72.9 60.7 91.1



#68
Hexachlorobenzene
Concen: 42.495 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Tgt Ion:284 Resp: 210943
Ion Ratio Lower Upper
284 100
142 25.8 23.7 35.5
249 29.2 25.0 37.6

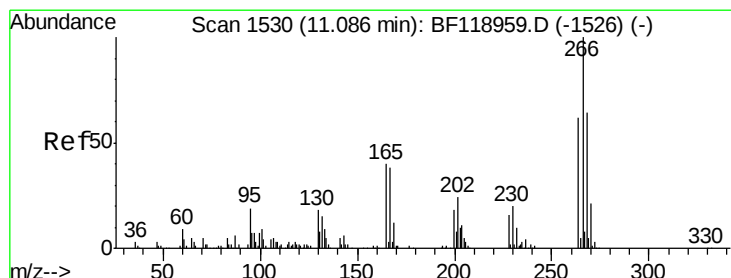
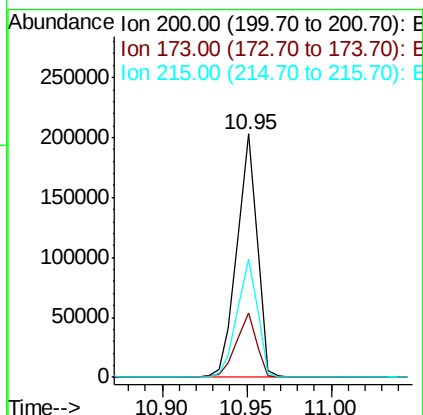
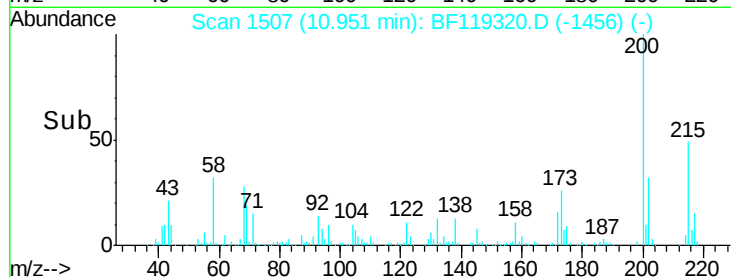
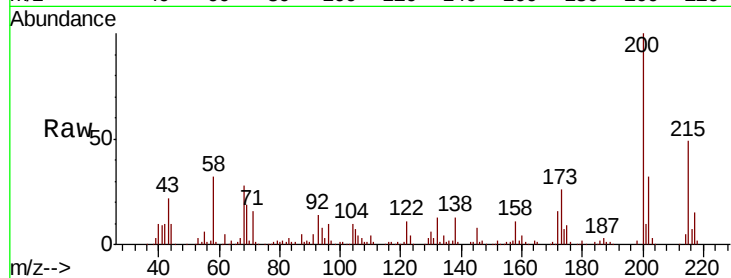




#69
Atrazine
Concen: 45.105 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

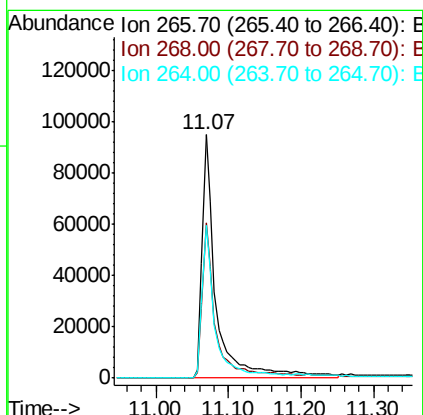
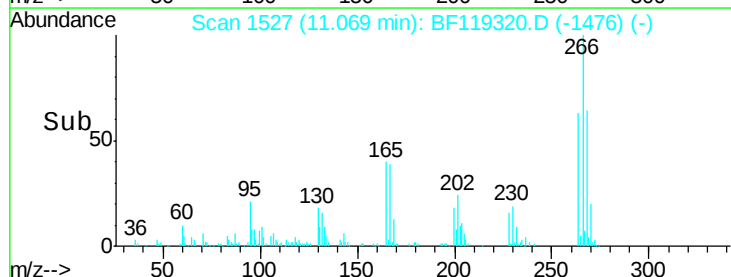
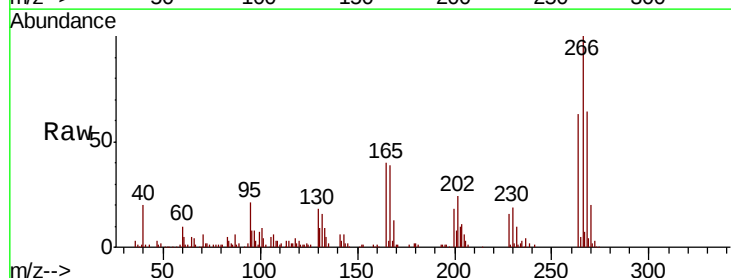
Instrument :
BNA_F
ClientSampleId :
TP-3-DMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.4	46.4
215	48.5	27.4	67.4



#70
Pentachlorophenol
Concen: 64.934 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.9	77.9
264	62.6	51.0	76.4

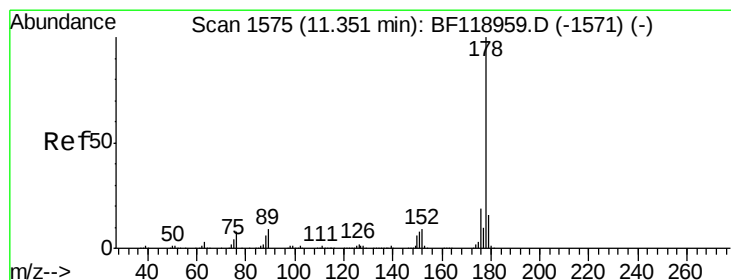
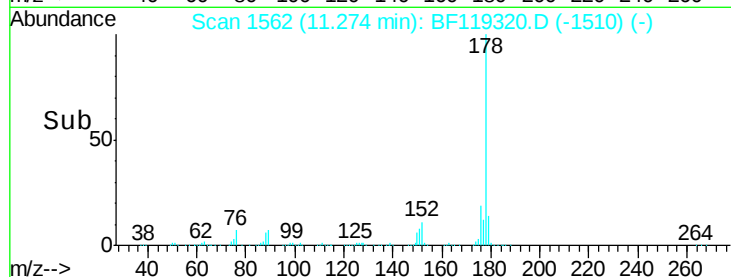
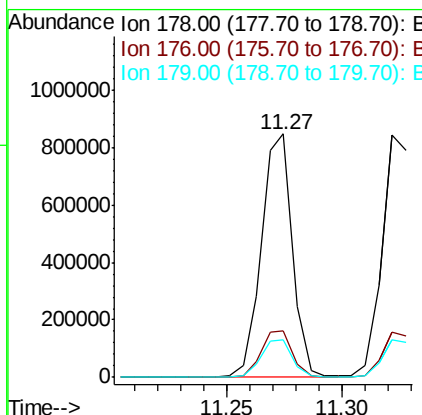
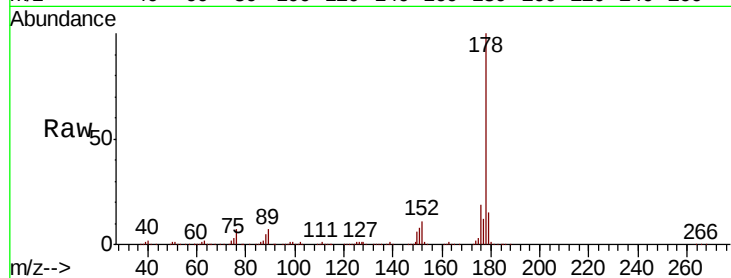




#71
Phenanthrene
Concen: 44.214 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

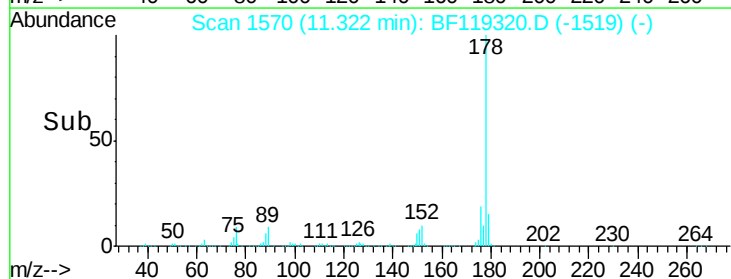
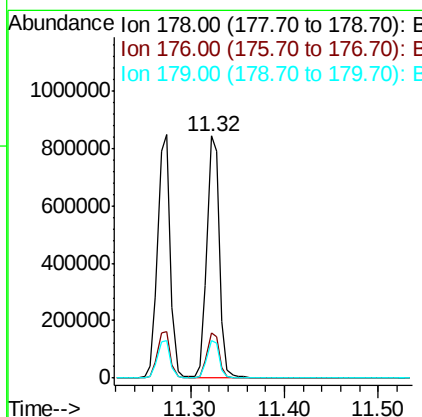
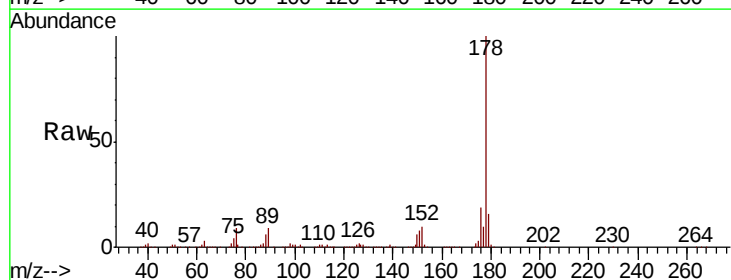
Instrument :
BNA_F
ClientSampleId :
TP-3-DMS

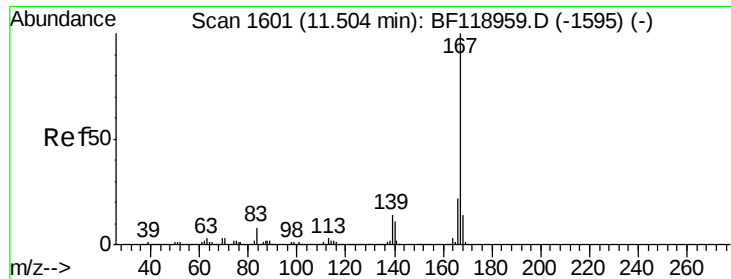
Tot Ion:178 Resp: 794203
Ion Ratio Lower Upper
178 100
176 19.3 16.5 24.7
179 15.2 13.0 19.6



#72
Anthracene
Concen: 44.496 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Tgt Ion:178 Resp: 798610
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 15.6 13.1 19.7

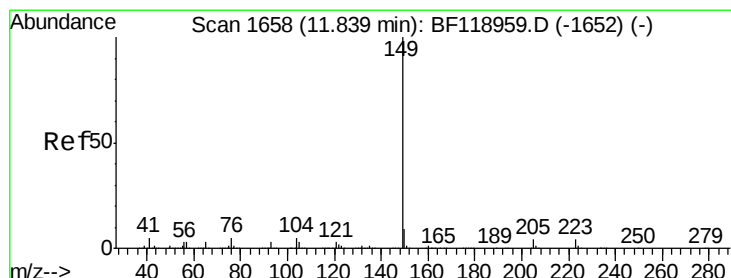
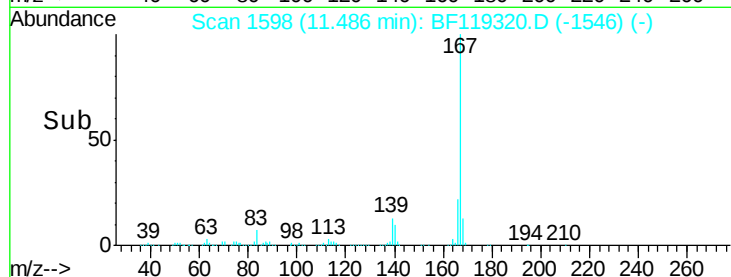
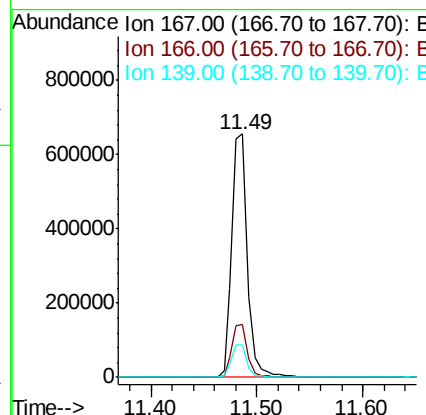
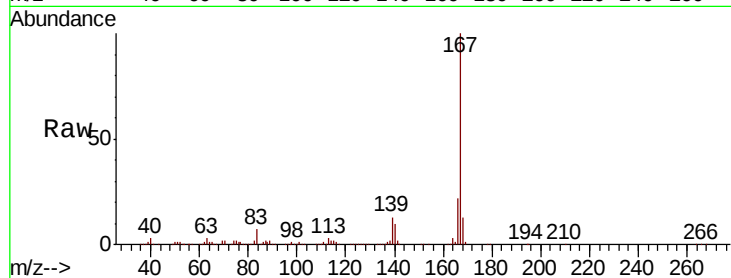




#73
 Carbazole
 Concen: 41.778 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

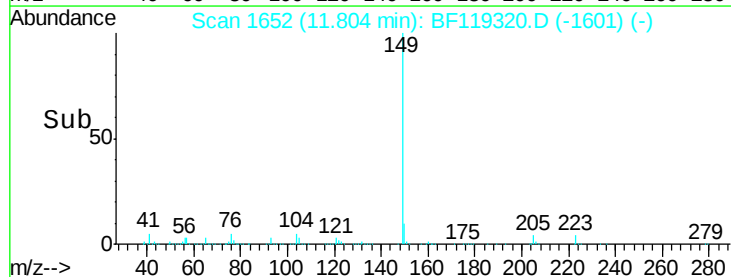
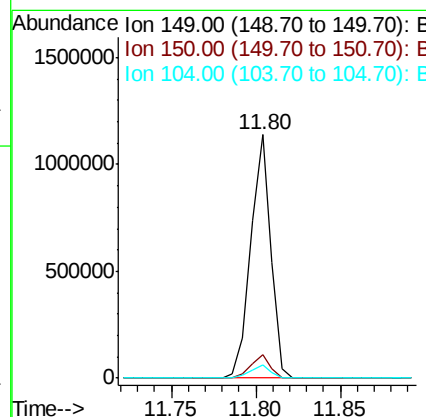
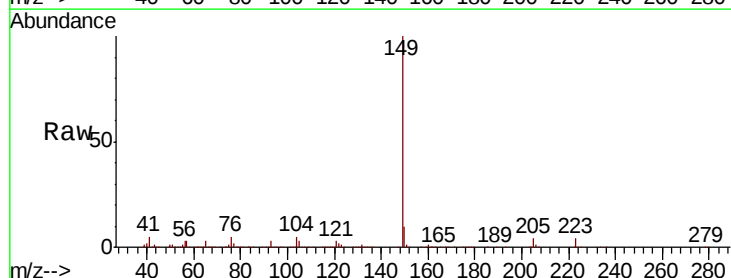
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-DMS

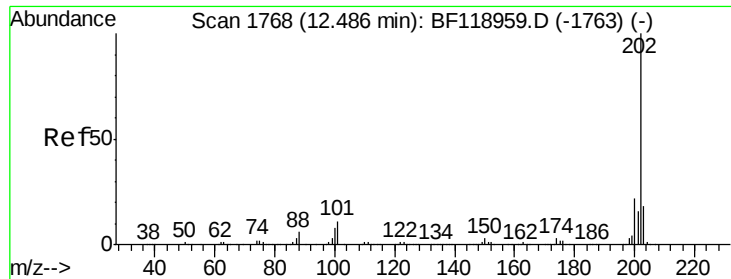
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.4
139	13.2	11.7	17.5



#74
 Di-n-butylphthalate
 Concen: 48.909 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.9	11.9
104	5.2	4.6	6.8





#75

Fluoranthene

Concen: 41.990 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampled :

TP-3-DMS

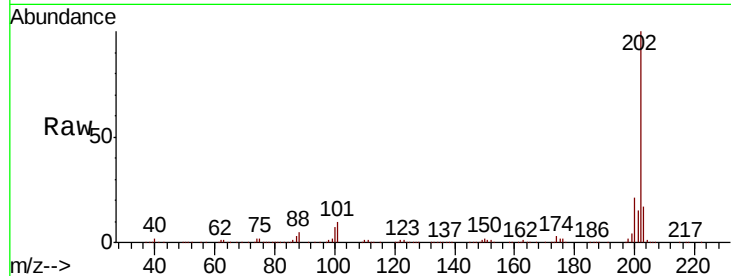
Tot Ion:202 Resp: 800626

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.3

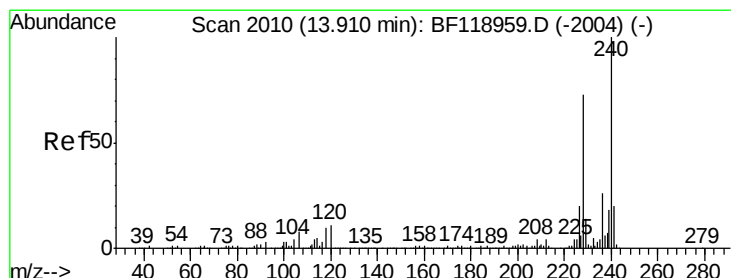
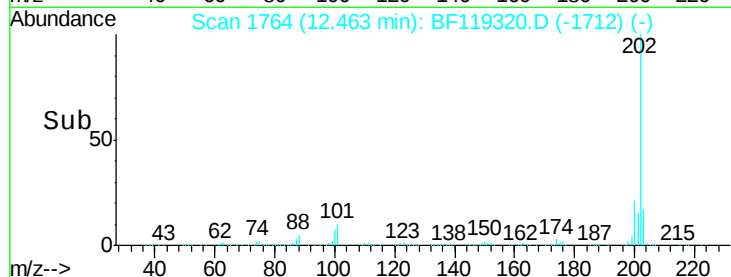
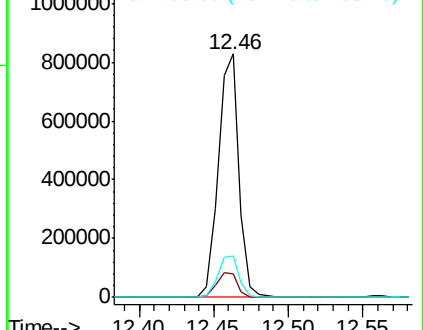
203 17.2 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

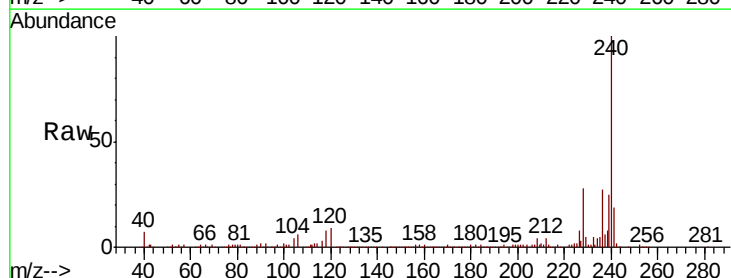
Tgt Ion:240 Resp: 224825

Ion Ratio Lower Upper

240 100

120 8.6 8.4 12.6

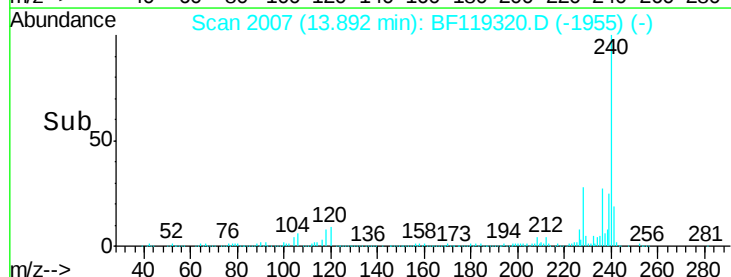
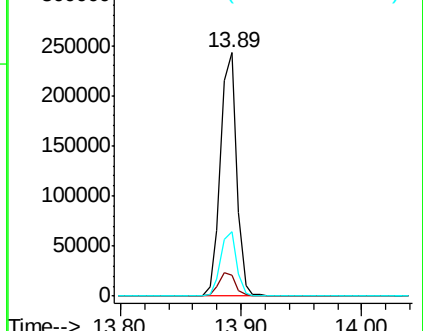
236 26.6 21.0 31.4

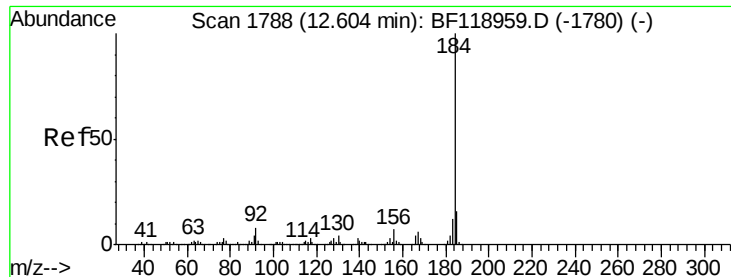


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.491 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

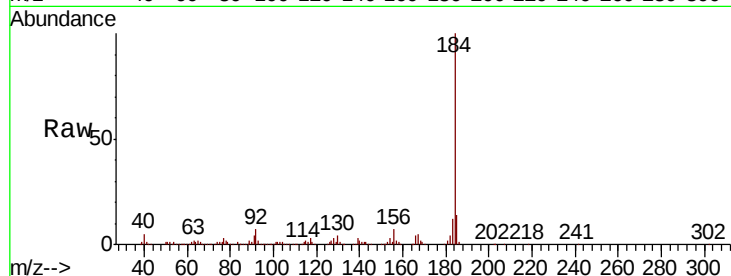
Tot Ion:184 Resp: 461665

Ion Ratio Lower Upper

184 100

185 14.0 12.2 18.4

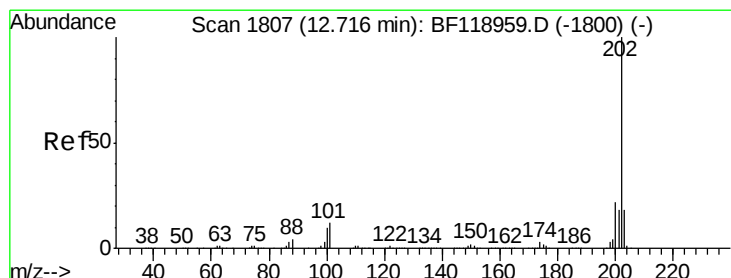
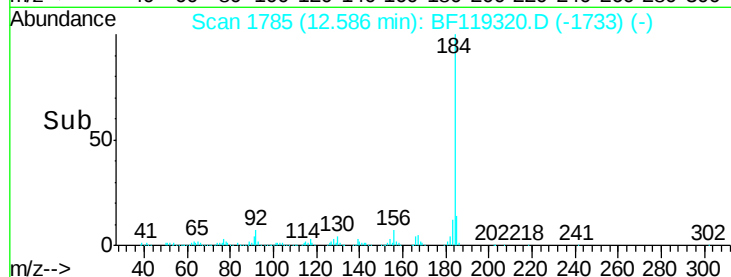
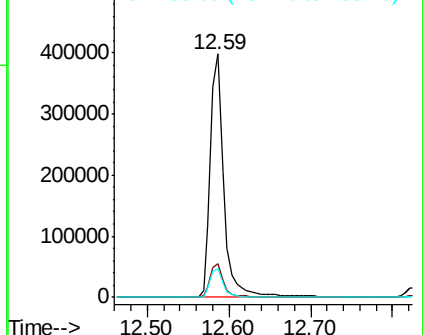
183 11.8 9.9 14.9



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: 43.810 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

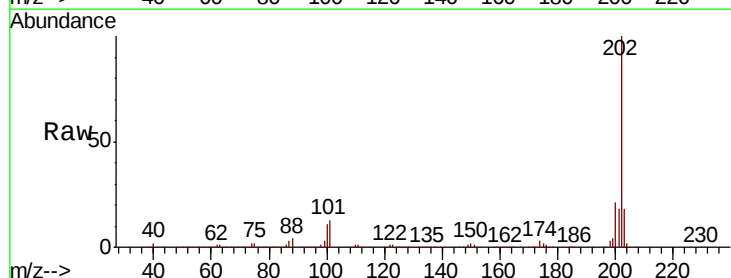
Tgt Ion:202 Resp: 790904

Ion Ratio Lower Upper

202 100

200 21.1 18.0 27.0

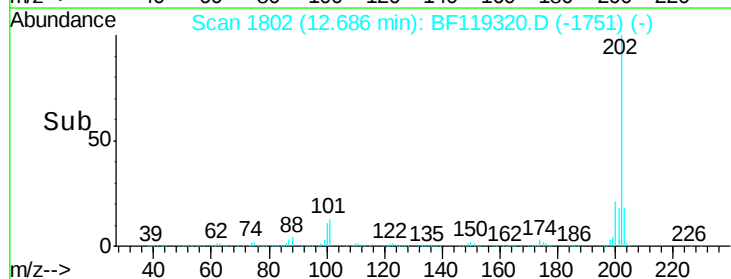
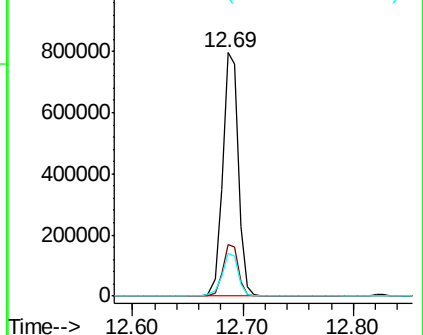
203 17.7 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.568 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampled :

TP-3-DMS

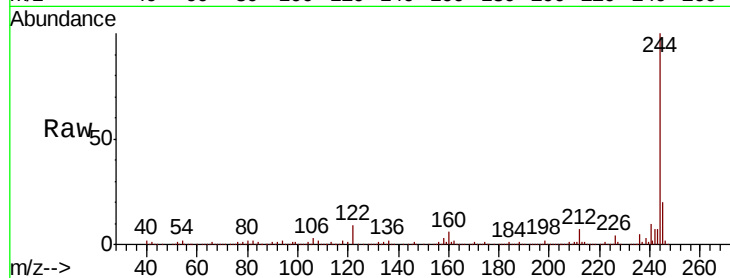
Tot Ion:244 Resp: 999863

Ion Ratio Lower Upper

244 100

212 7.1 6.6 10.0

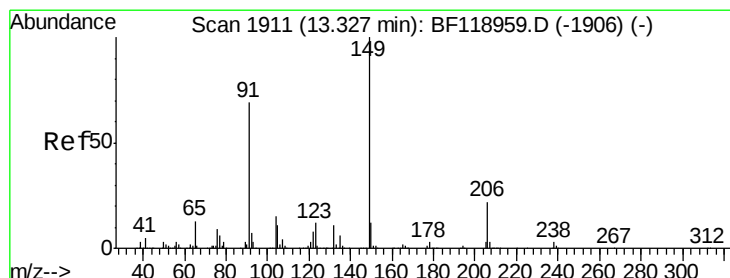
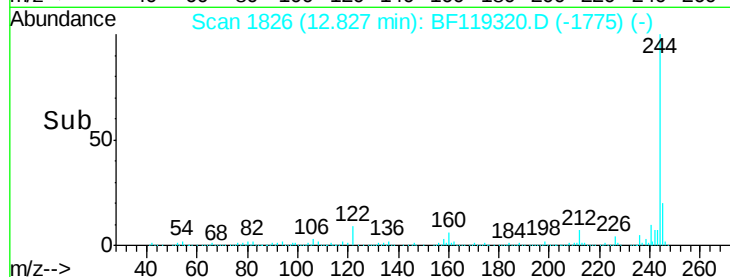
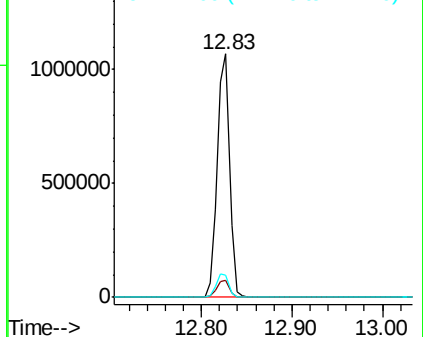
122 8.9 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.005 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

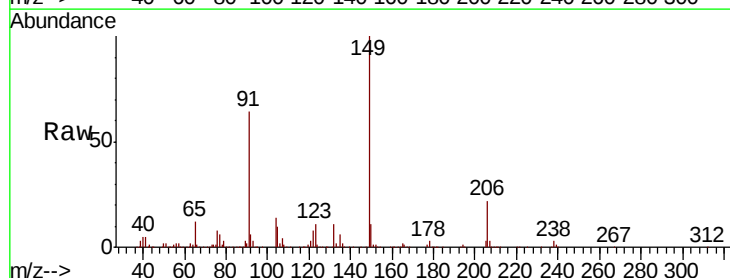
Tgt Ion:149 Resp: 334351

Ion Ratio Lower Upper

149 100

91 64.1 52.3 78.5

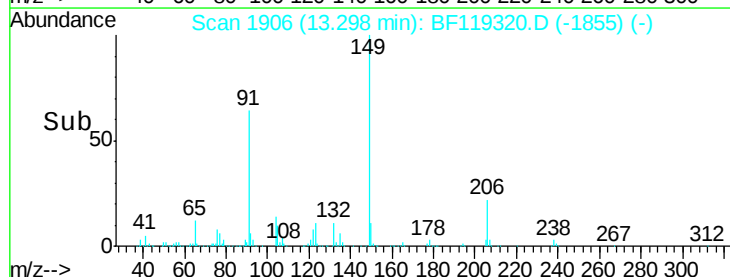
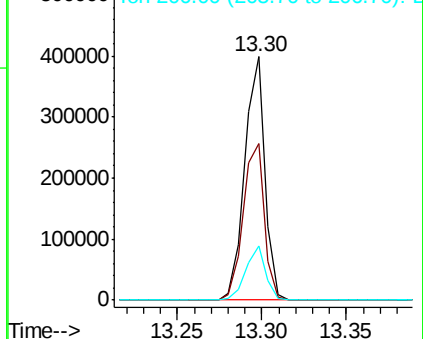
206 22.4 18.5 27.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.186 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

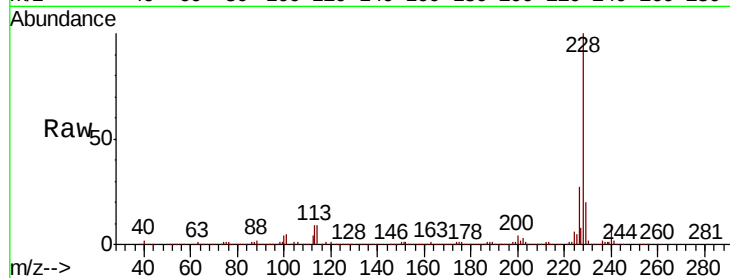
Tot Ion:228 Resp: 707516

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

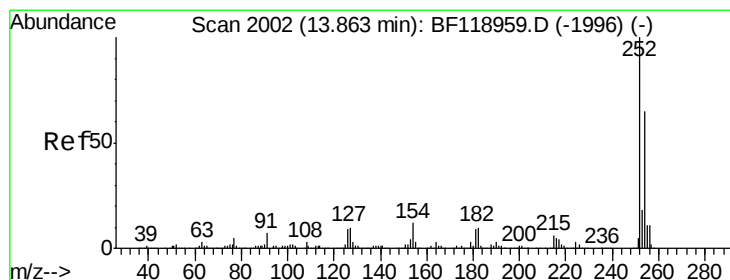
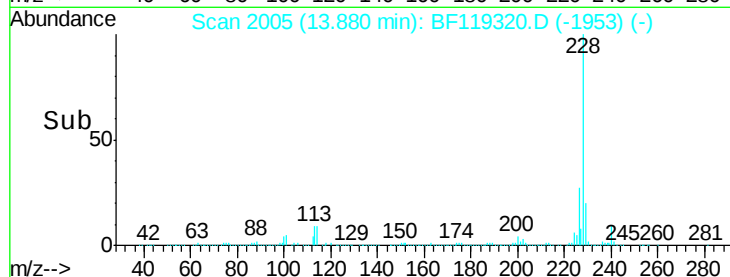
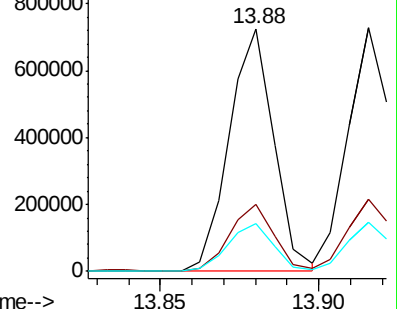
229 19.8 16.6 24.8



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: 43.668 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

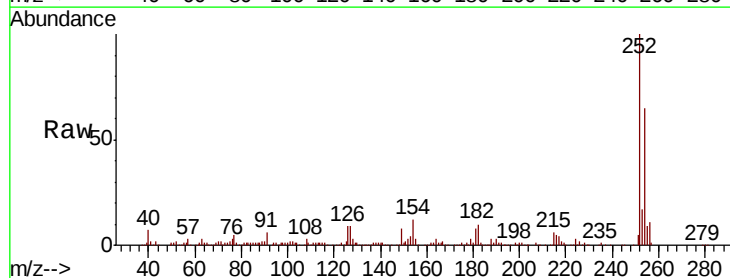
Tgt Ion:252 Resp: 259755

Ion Ratio Lower Upper

252 100

254 65.1 51.6 77.4

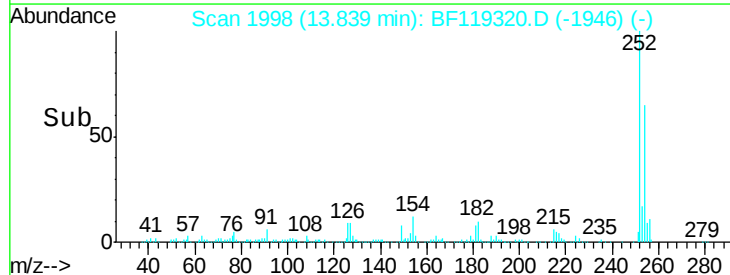
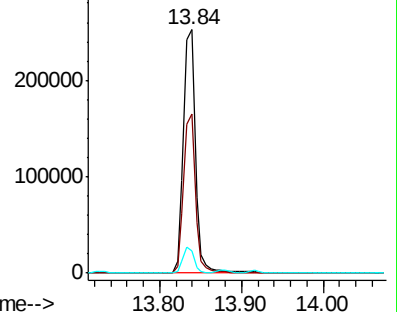
126 8.9 7.4 11.0

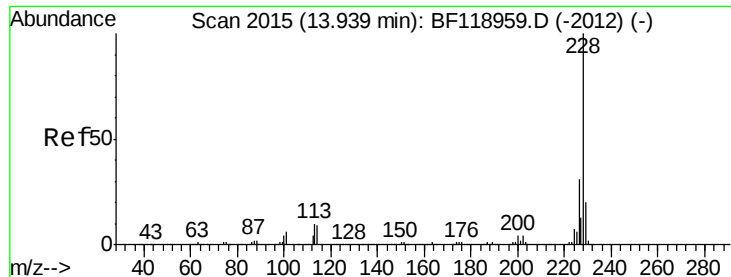


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

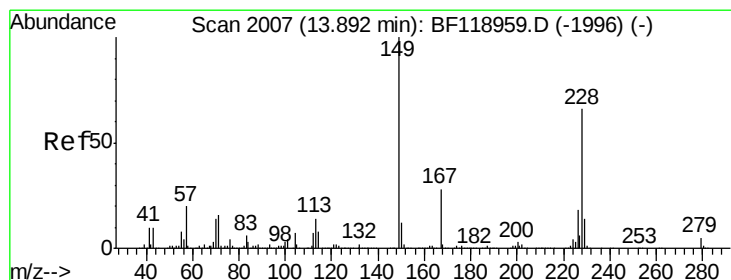
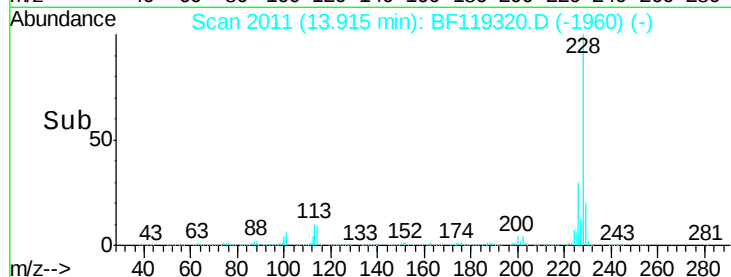
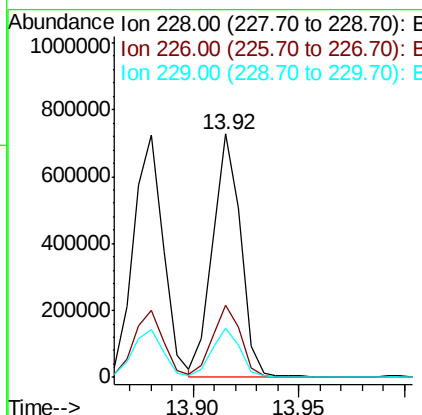
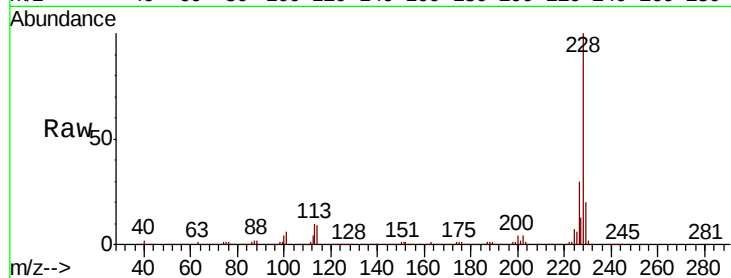




#83
 Chrvsene
 Concen: 43.839 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

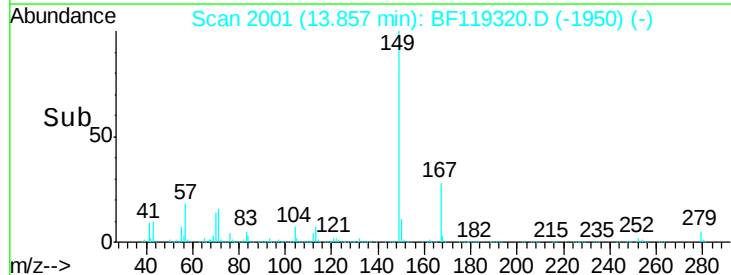
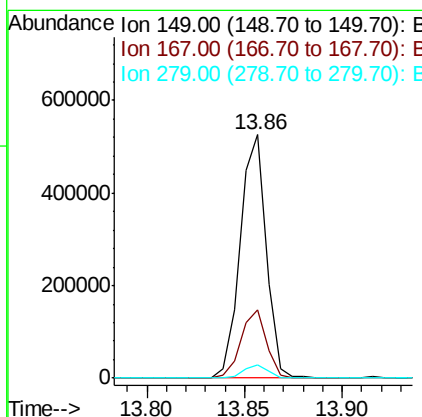
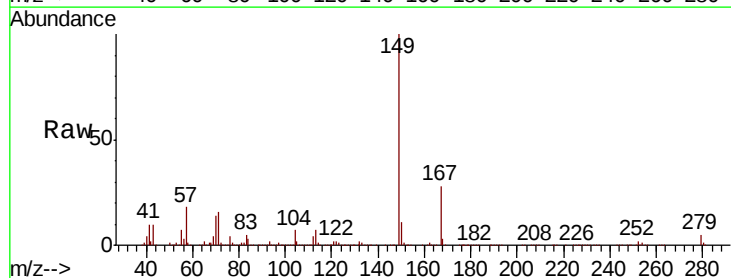
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-DMS

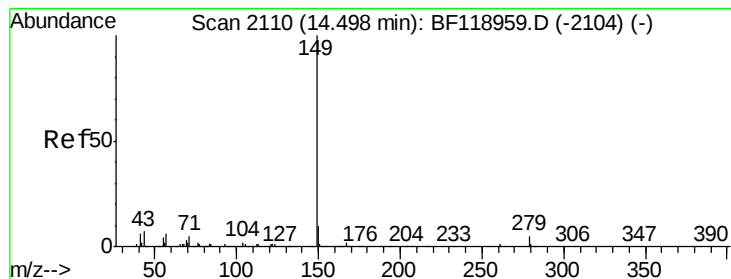
Tot Ion:228 Resp: 669160
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.1 37.7
 229 20.0 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.521 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

Tgt Ion:149 Resp: 484953
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.8 34.2
 279 5.5 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 51.531 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

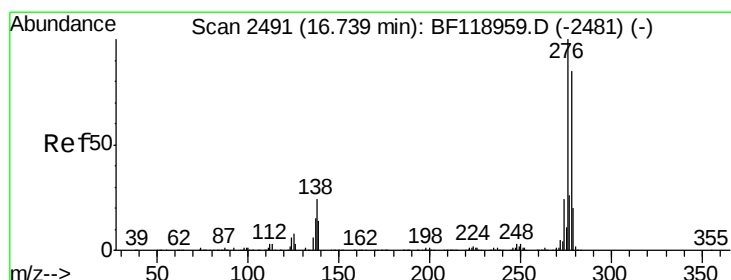
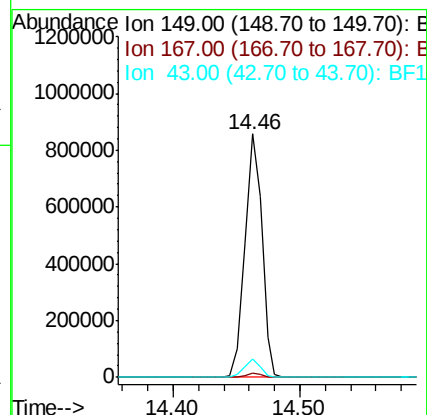
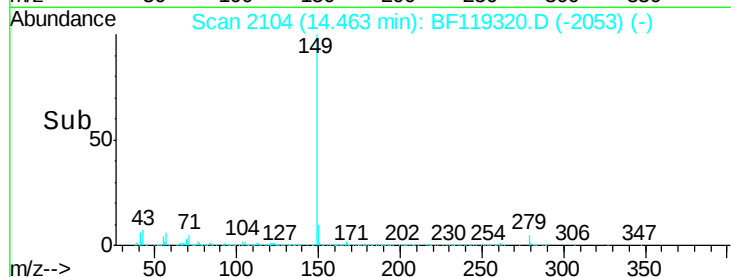
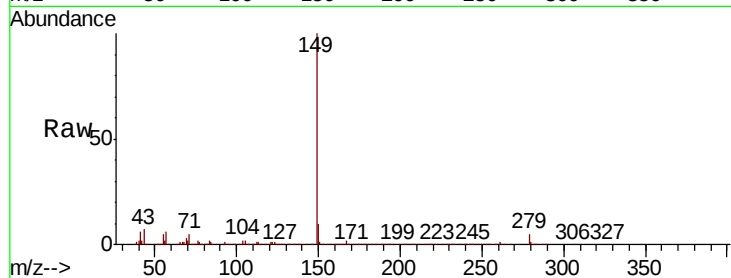
Tot Ion:149 Resp: 788128

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 6.6 5.7 8.5



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.559 ng

RT: 16.73 min Scan# 2490

Delta R.T. 0.02 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

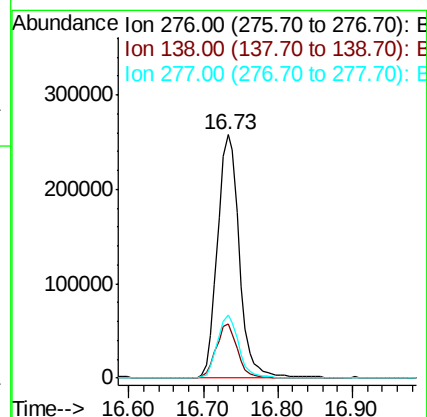
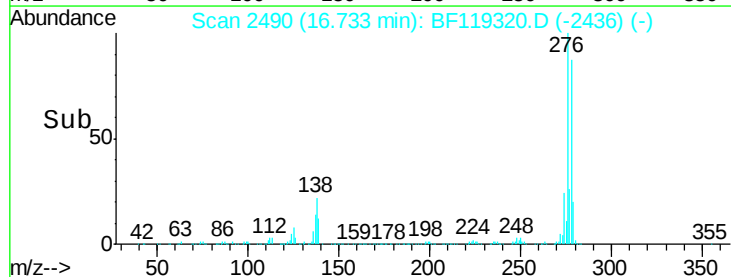
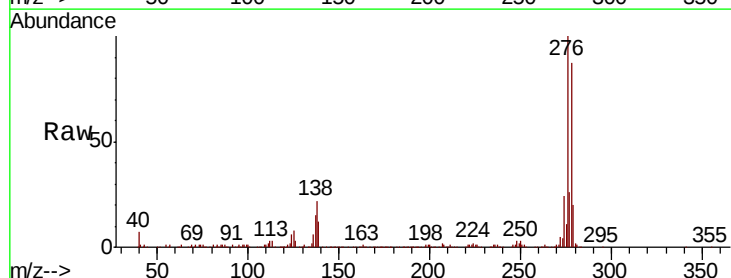
Tgt Ion:276 Resp: 525548

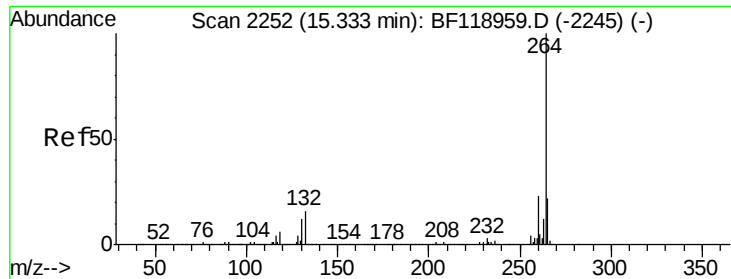
Ion Ratio Lower Upper

276 100

138 21.9 17.4 26.0

277 25.3 20.3 30.5



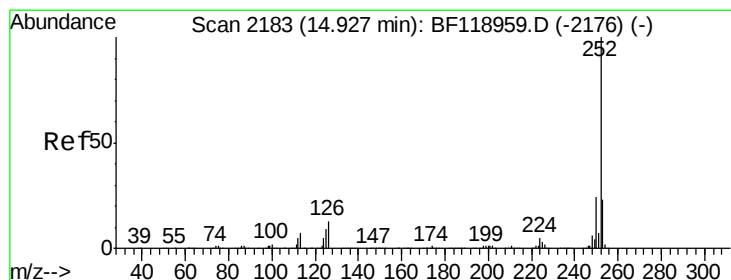
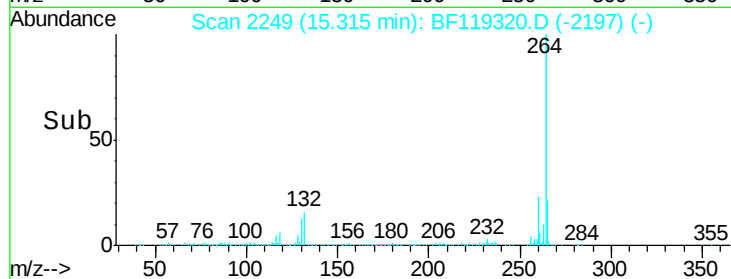
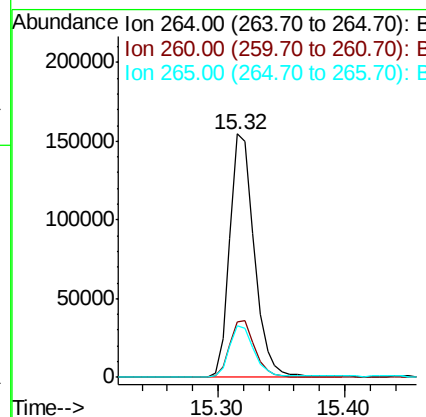
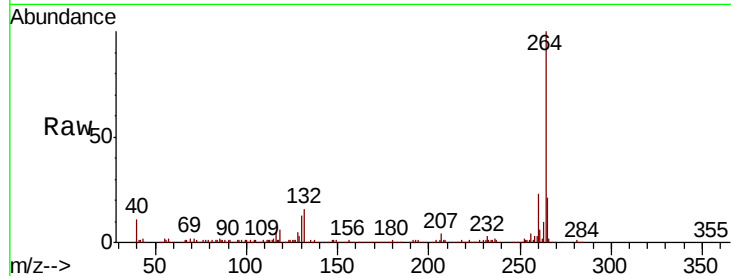


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Instrument :
BNA_F
ClientSampleId :
TP-3-DMS

Tot Ion:264 Resp: 208147

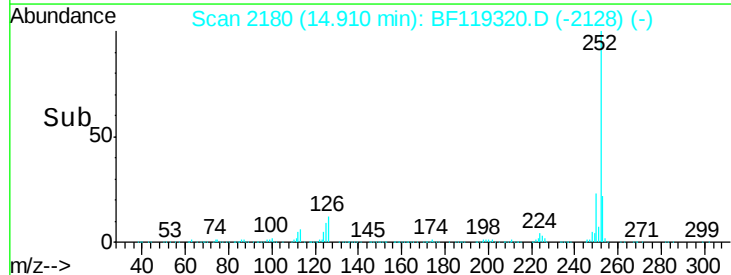
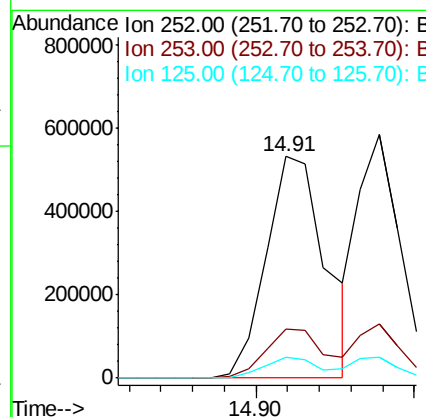
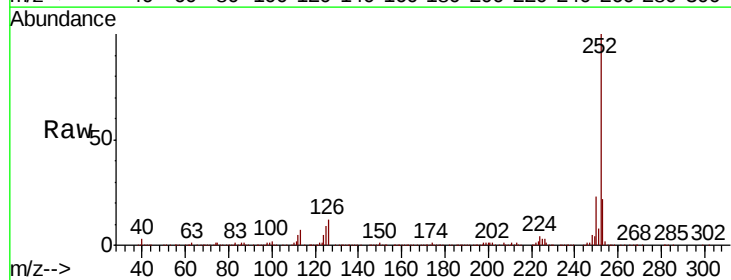
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.2
265	21.2	17.7	26.5

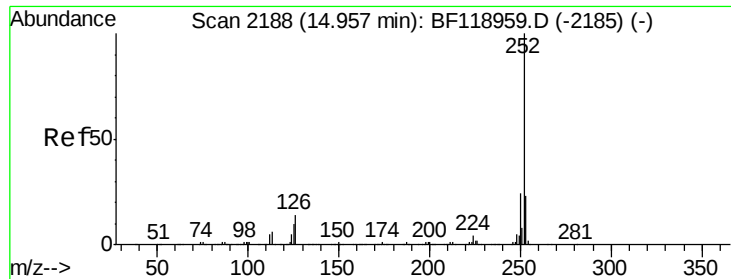


#88
Benzo(b)fluoranthene
Concen: 50.469 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Tgt Ion:252 Resp: 692426

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	9.5	7.4	11.0

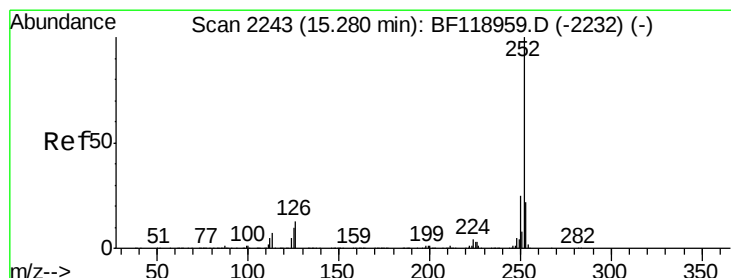
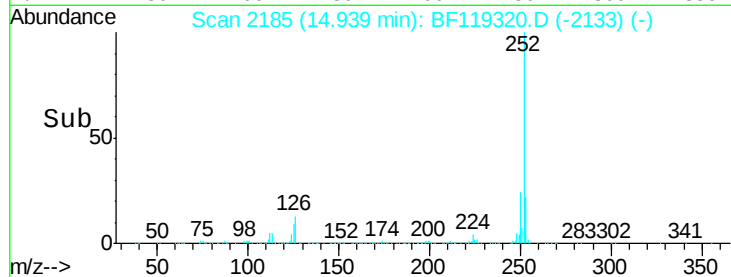
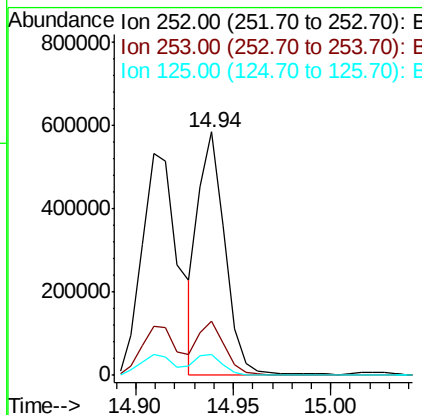
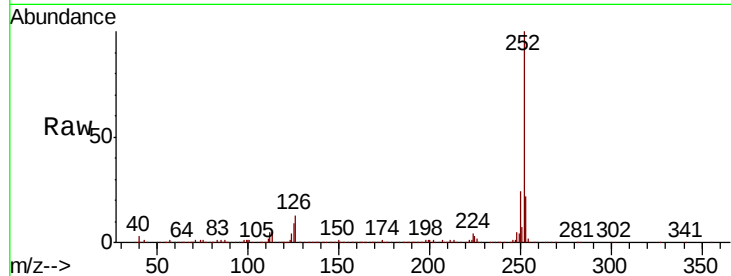




#89
Benzo(k)fluoranthene
Concen: 43.210 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

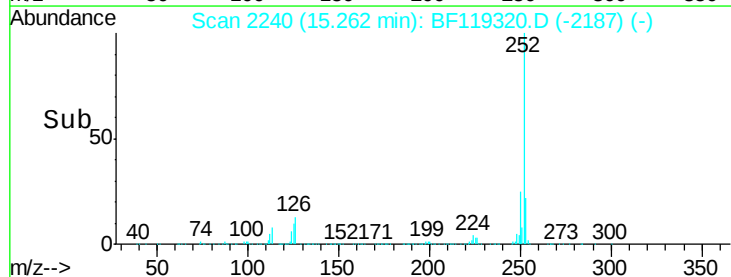
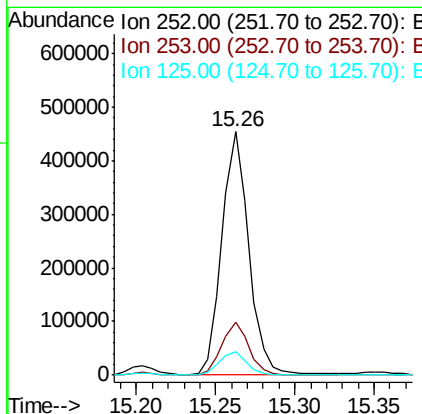
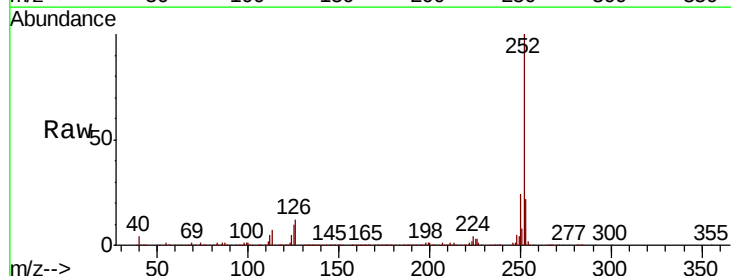
Instrument :
BNA_F
ClientSampleId :
TP-3-DMS

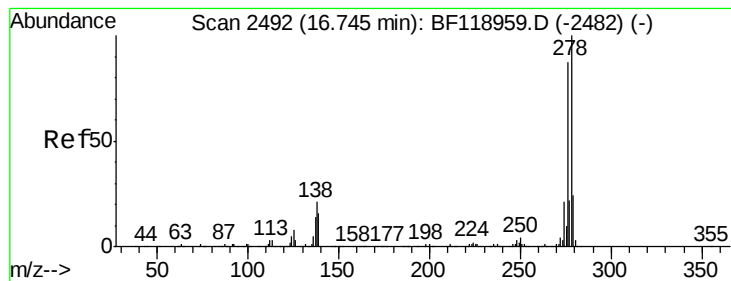
Tot Ion:252 Resp: 549395
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 8.7 7.5 11.3



#90
Benzo(a)pyrene
Concen: 43.062 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Tgt Ion:252 Resp: 533218
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 9.5 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 40.188 ng

RT: 16.73 min Scan# 2490

Delta R.T. 0.02 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

Instrument :

BNA_F

ClientSampleId :

TP-3-DMS

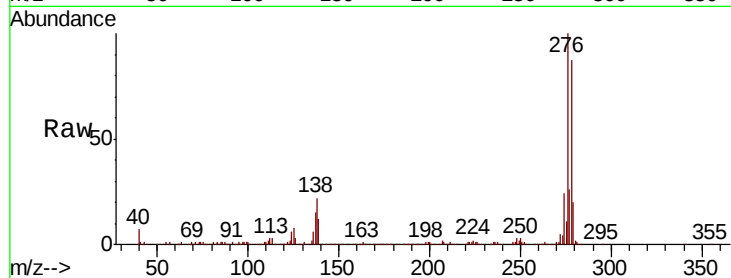
Tot Ion:278 Resp: 437854

Ion Ratio Lower Upper

278 100

139 13.4 11.0 16.4

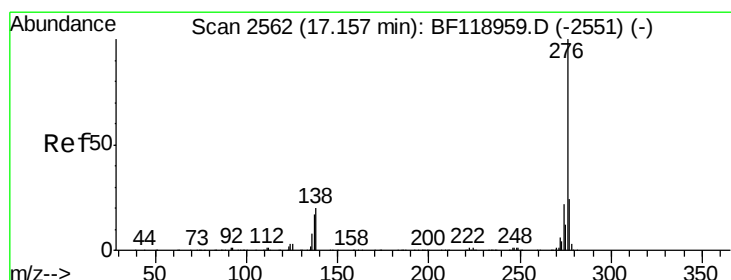
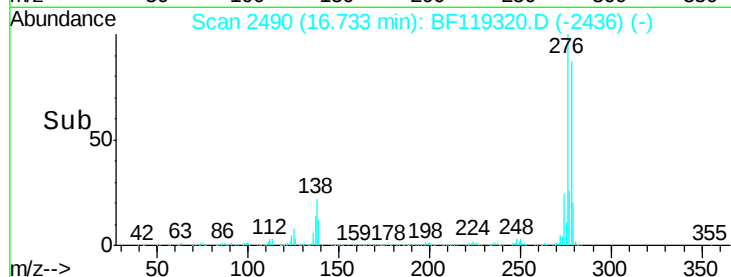
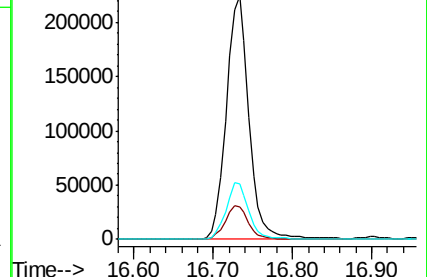
279 22.7 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.450 ng

RT: 17.16 min Scan# 2562

Delta R.T. 0.02 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

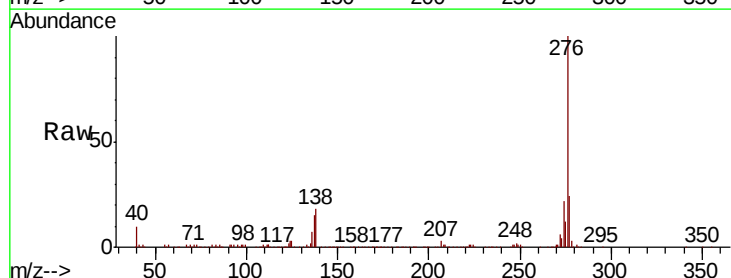
Tgt Ion:276 Resp: 424680

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 18.4 14.3 21.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

