

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 :

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

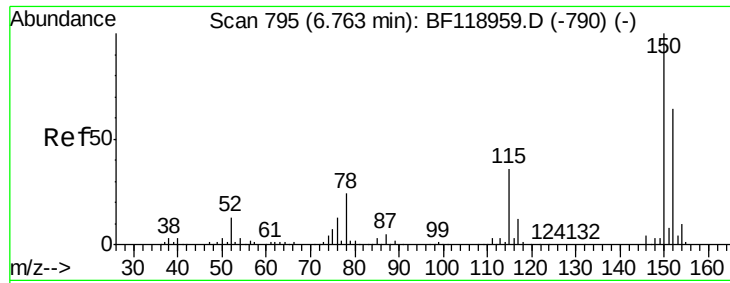
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119320.D
 Acq On : 10 Mar 2020 16:51
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

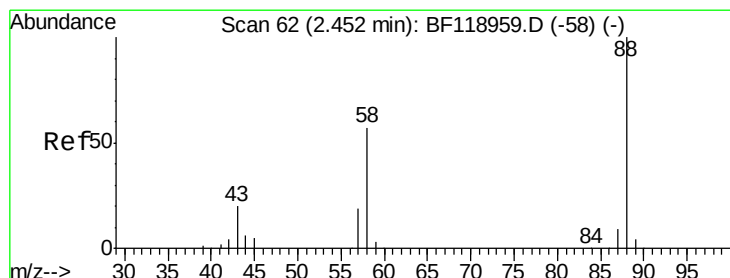
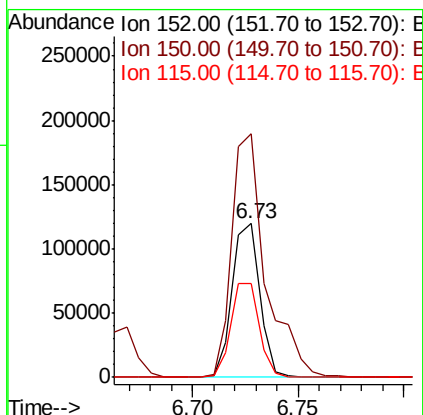
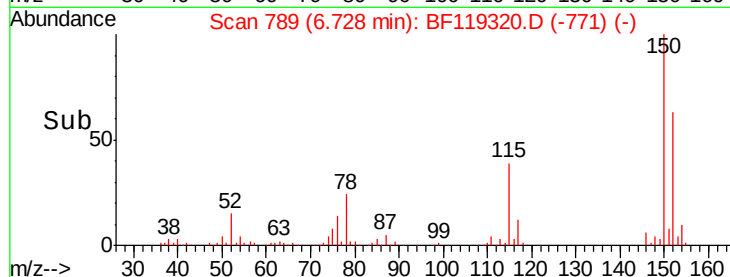
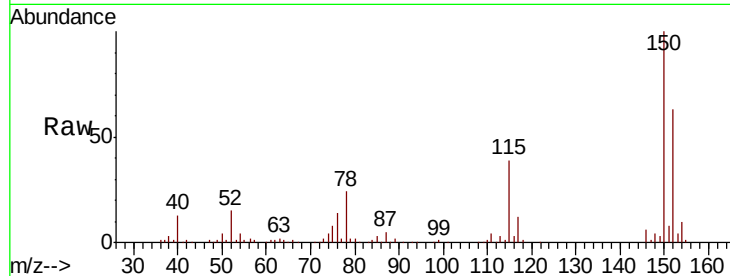


#1

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
ClientSampled :

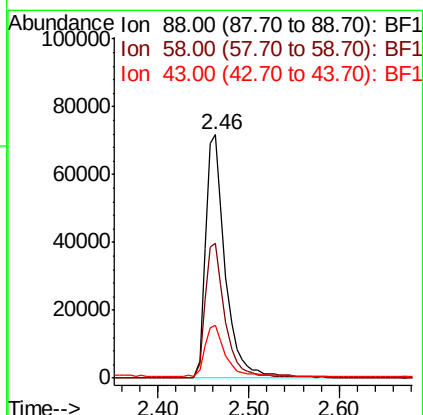
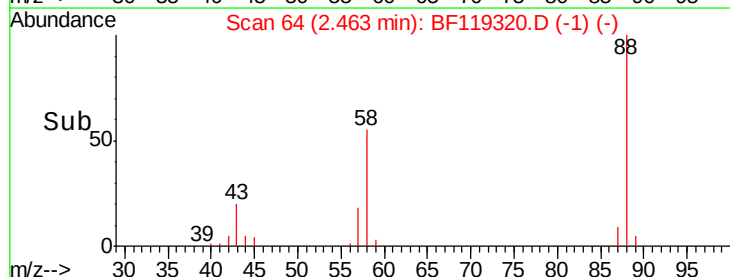
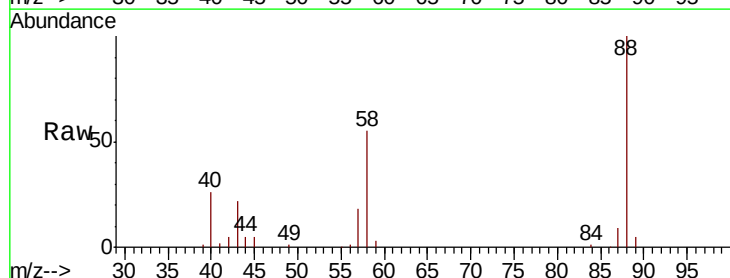
Tot Ion:152 Resp: 107983
Ion Ratio Lower Upper
152 100
150 158.4 123.0 184.6
115 61.4 49.5 74.3

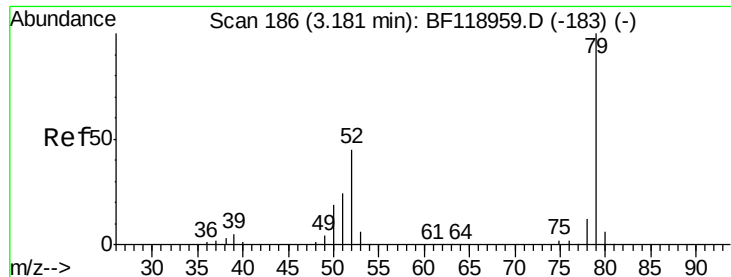


#2

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: 88 Resp: 110120
Ion Ratio Lower Upper
88 100
58 56.6 43.8 65.6
43 20.9 16.2 24.4





#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 :

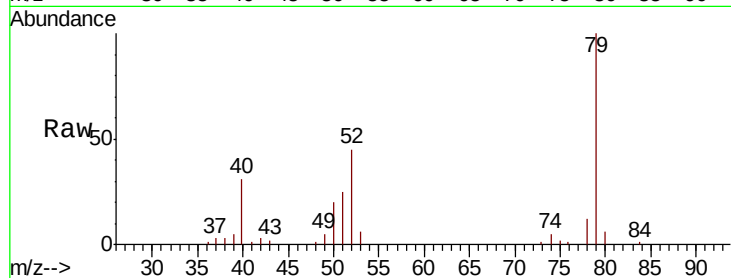
Tot Ion: 79 Resp: 261209

Ion Ratio Lower Upper

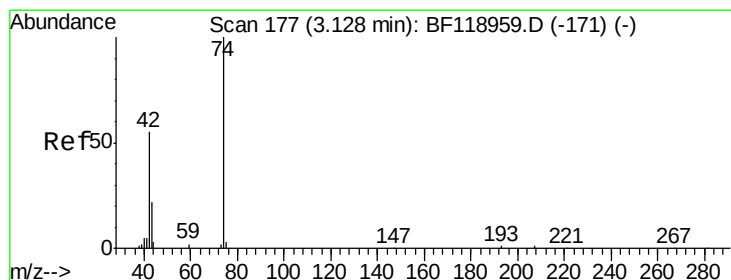
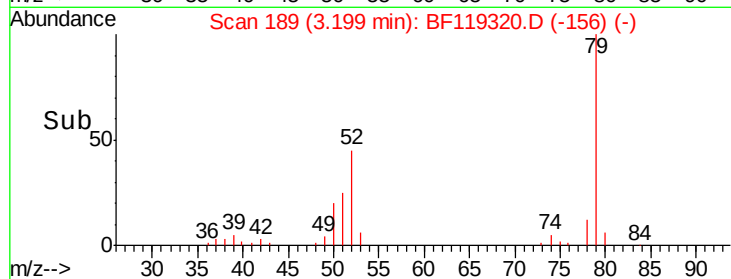
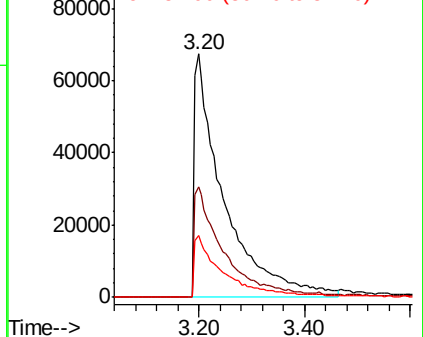
79 100

52 45.3 37.4 56.0

51 25.5 19.8 29.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 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

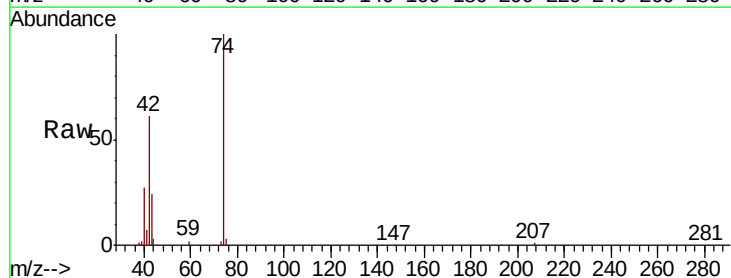
Tgt Ion: 42 Resp: 108564

Ion Ratio Lower Upper

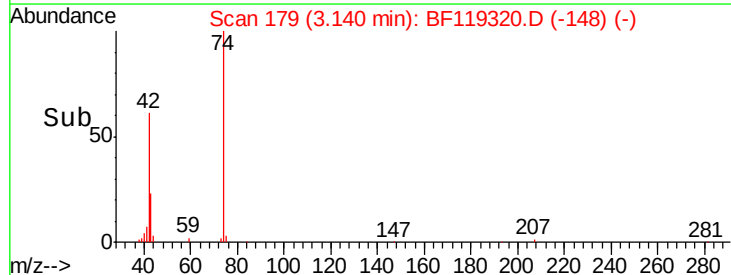
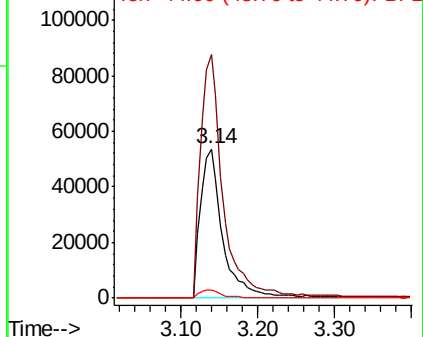
42 100

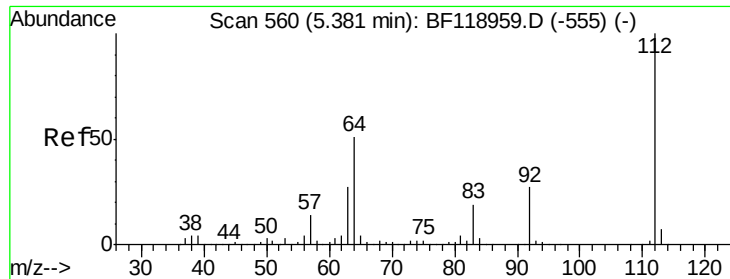
74 163.2 137.7 206.5

44 5.5 4.5 6.7



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 116.508 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF119320.D

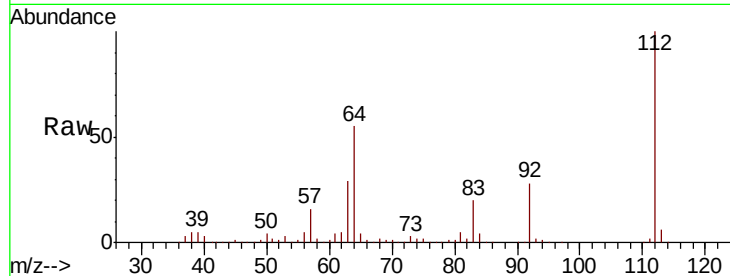
Acq: 10 Mar 2020 16:51

Instrument :

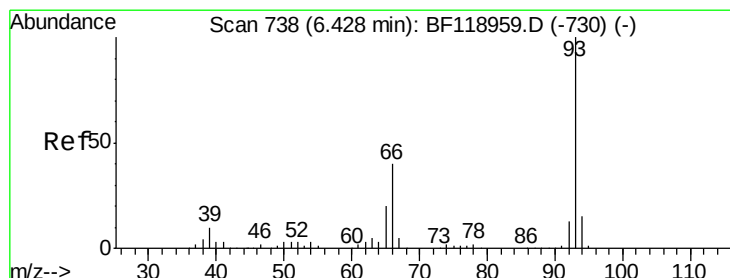
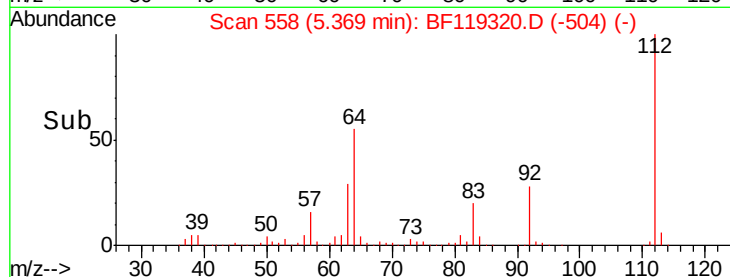
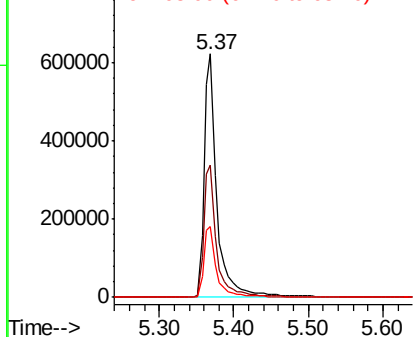
BNA_F

ClientSampled :

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

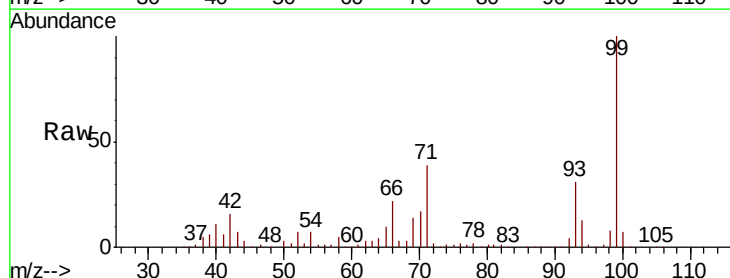
RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

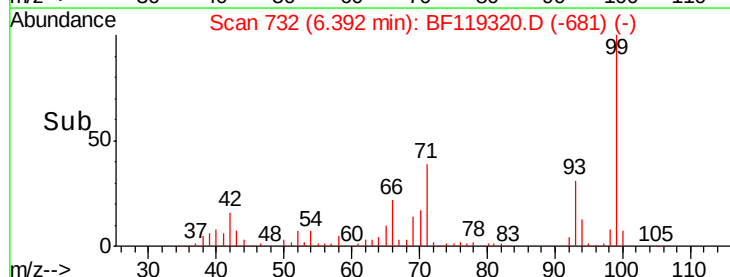
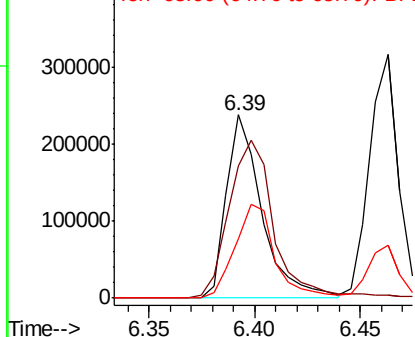
Lab File: BF119320.D

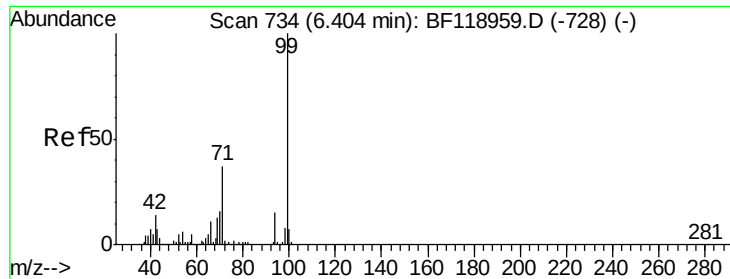
Acq: 10 Mar 2020 16:51

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

ClientSampled :

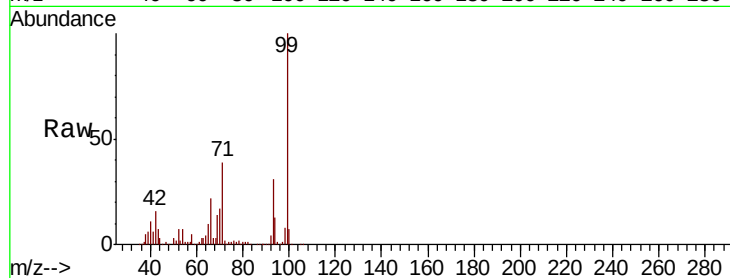
Tot Ion: 99 Resp: 884178

Ion Ratio Lower Upper

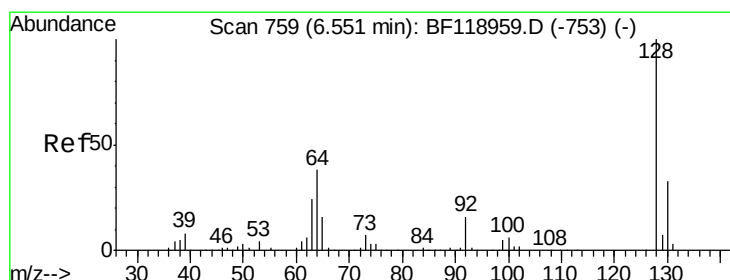
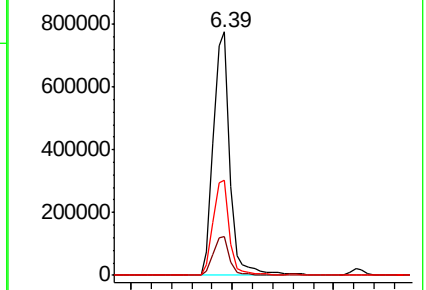
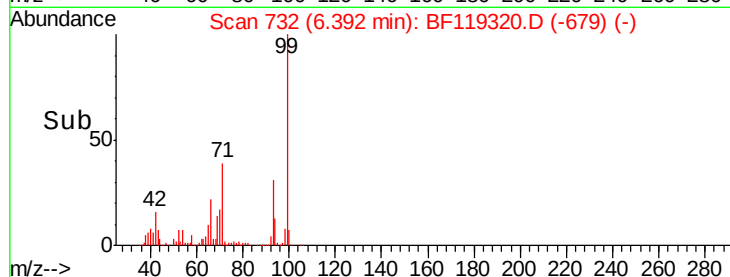
99 100

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

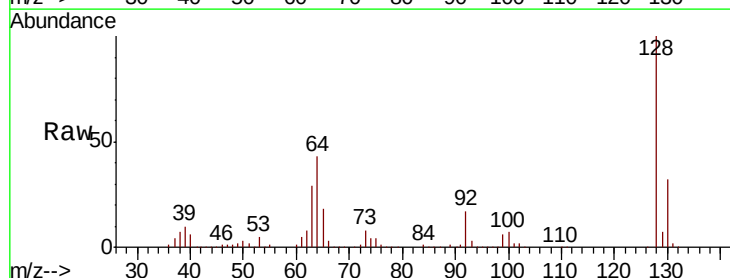
Tgt Ion: 128 Resp: 335003

Ion Ratio Lower Upper

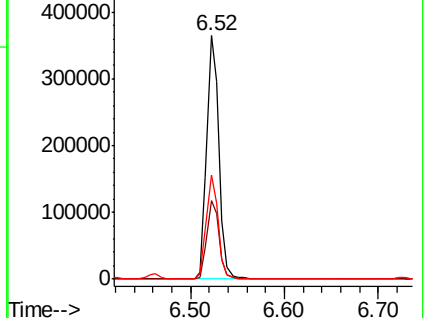
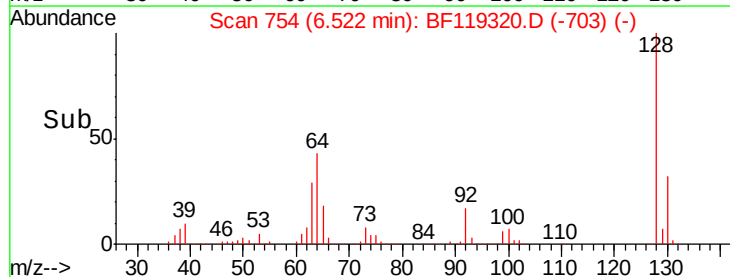
128 100

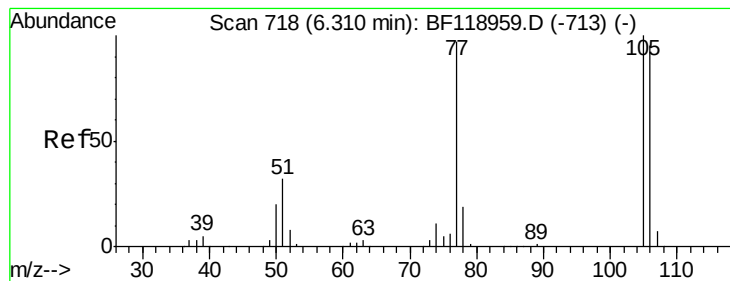
130 32.0 12.7 52.7

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 :

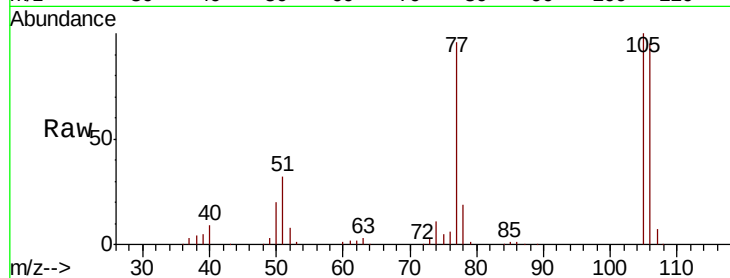
Tot Ion: 77 Resp: 231927

Ion Ratio Lower Upper

77 100

105 104.0 80.1 120.1

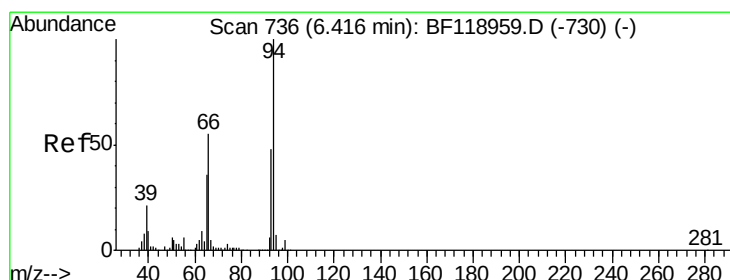
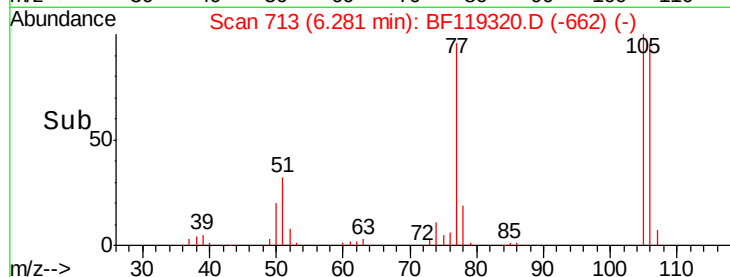
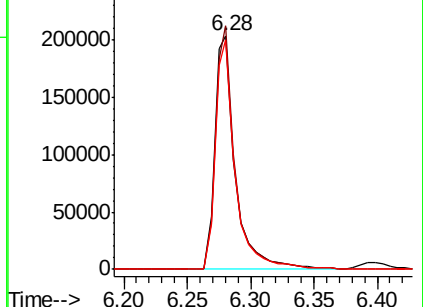
106 98.3 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 45.124 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF119320.D

Acq: 10 Mar 2020 16:51

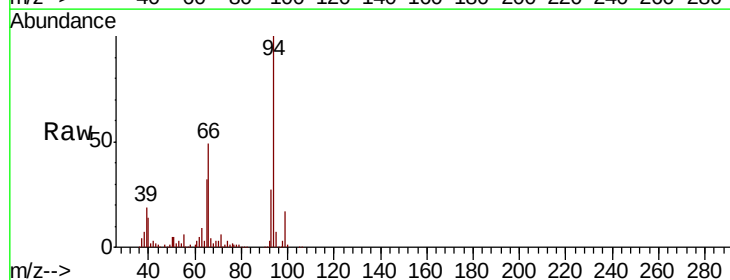
Tgt Ion: 94 Resp: 383388

Ion Ratio Lower Upper

94 100

65 31.8 19.2 59.2

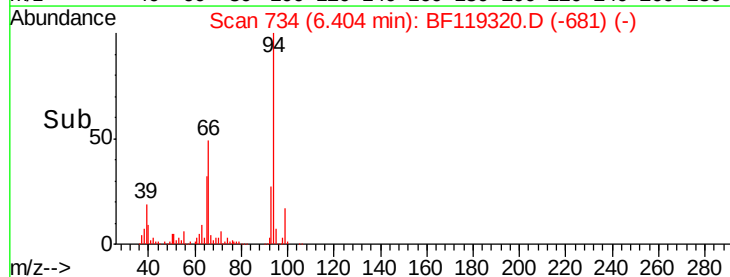
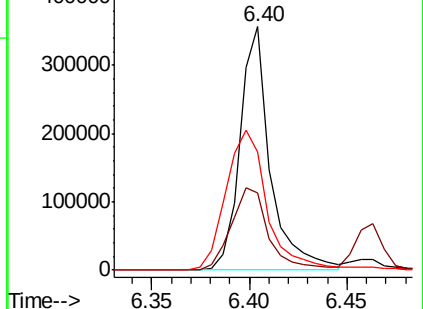
66 48.5 44.4 84.4

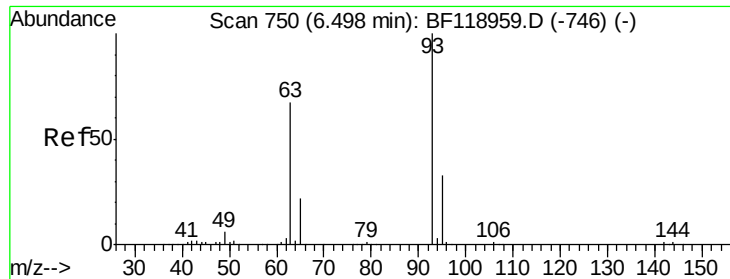


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

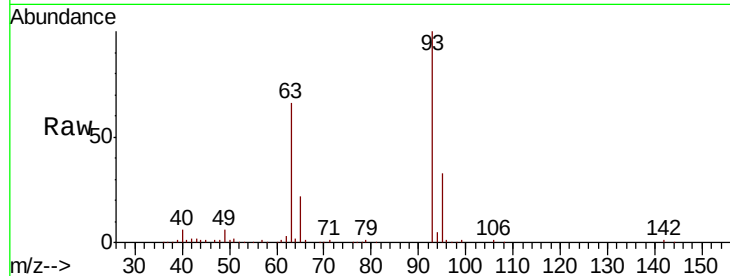




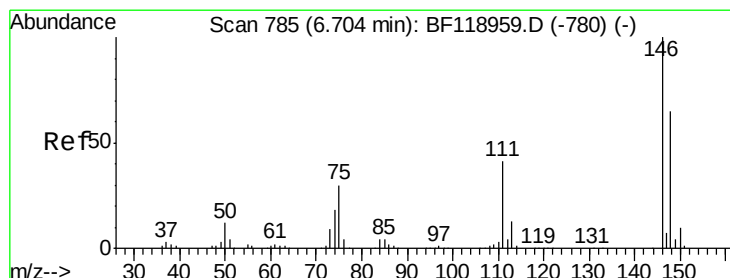
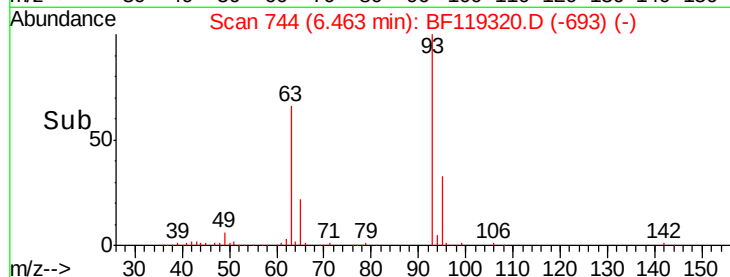
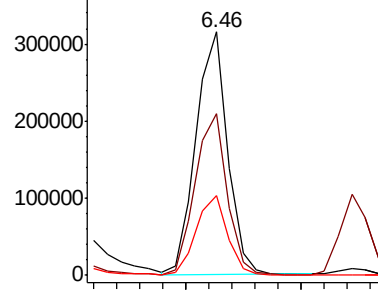
#11
bis(2-Chloroethyl)ether
Concen: 46.043 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Instrument :
BNA_F
ClientSampleId :

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

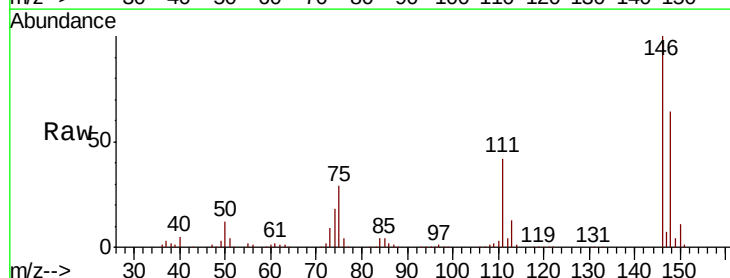


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

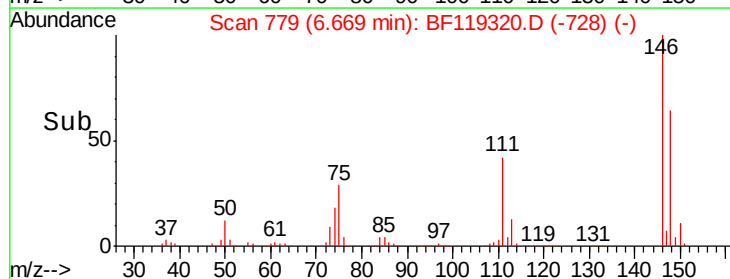
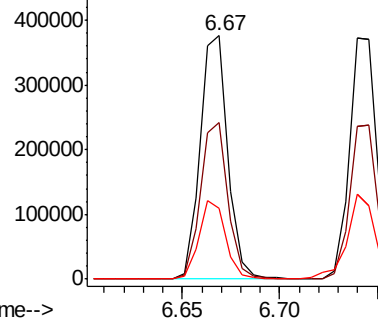


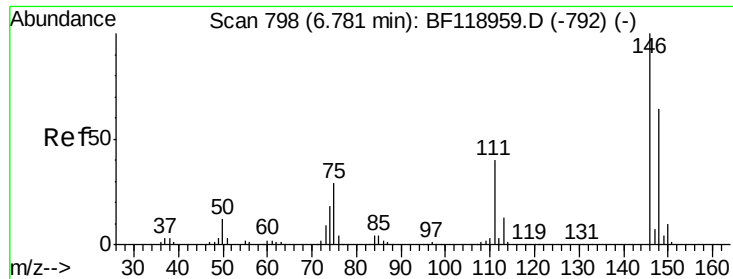
#12
1,3-Dichlorobenzene
Concen: 44.195 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

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

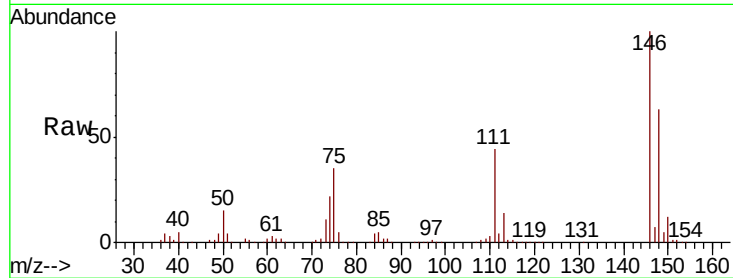




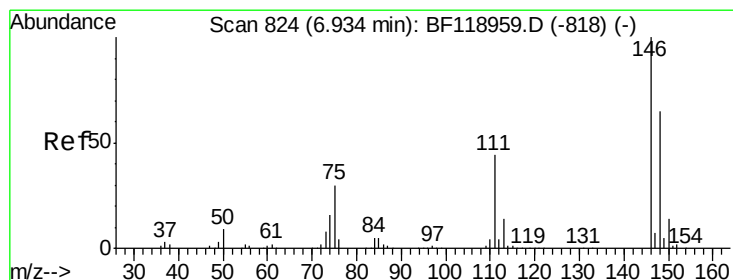
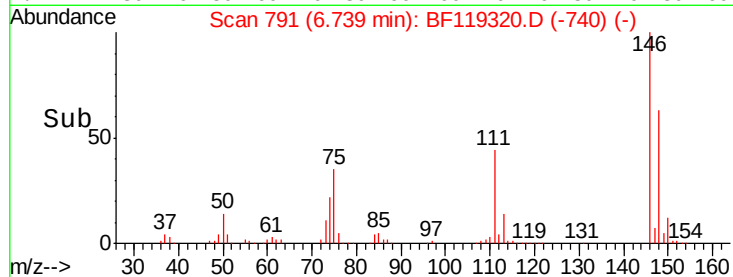
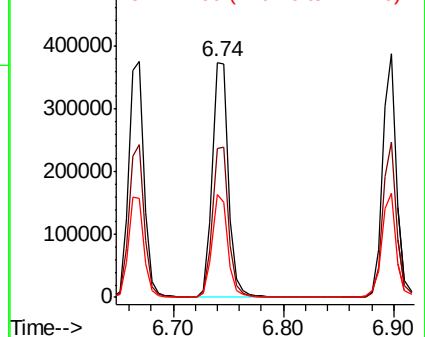
#13
 1,4-Dichlorobenzene
 Concen: 44.569 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

Instrument :
 BNA_F
 ClientSampleId :

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

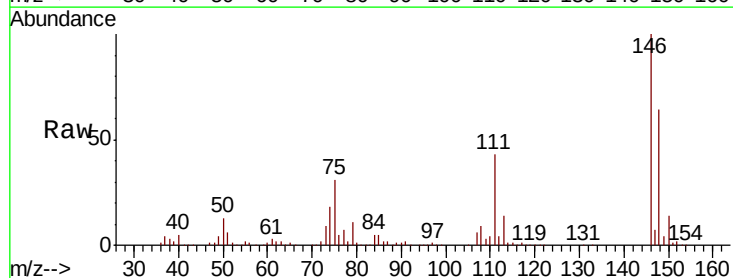


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

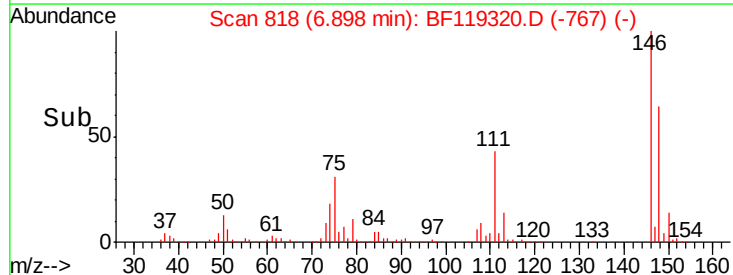
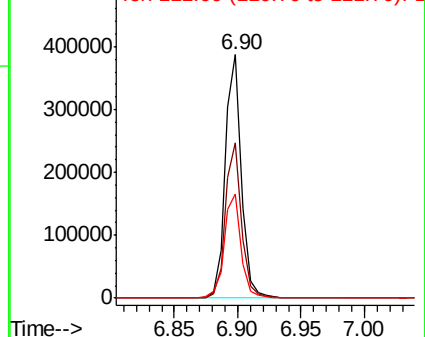


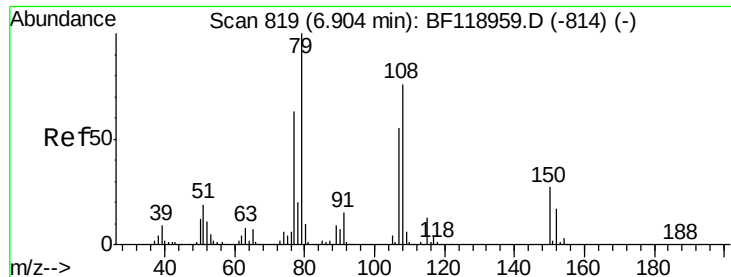
#14
 1,2-Dichlorobenzene
 Concen: 44.815 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

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



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





#15

Benzyl Alcohol

Concen: 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 :

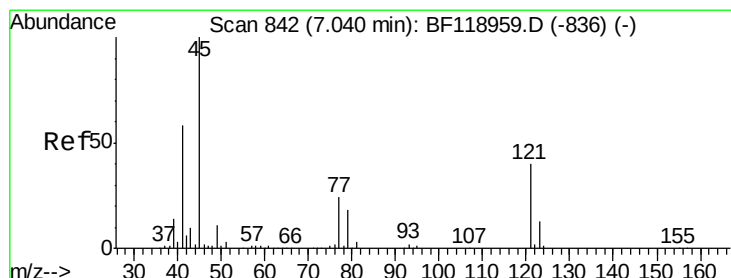
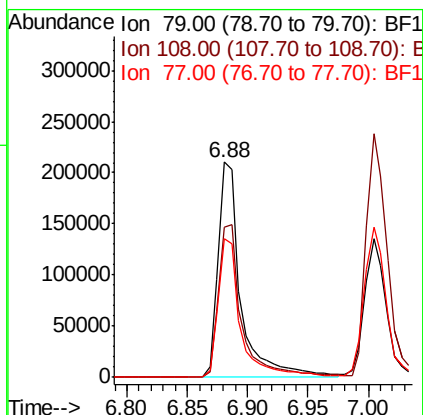
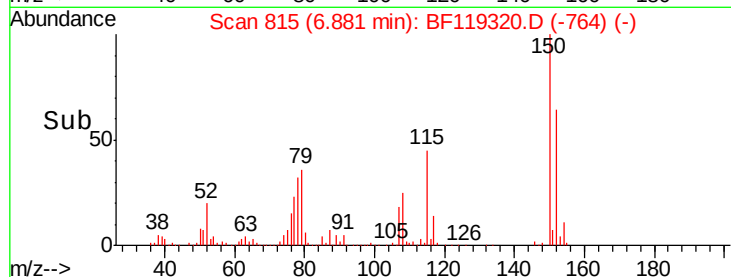
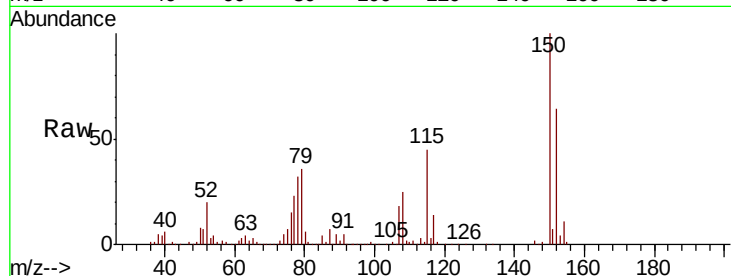
Tot Ion: 79 Resp: 272839

Ion Ratio Lower Upper

79 100

108 69.5 58.2 87.2

77 64.3 51.2 76.8



#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

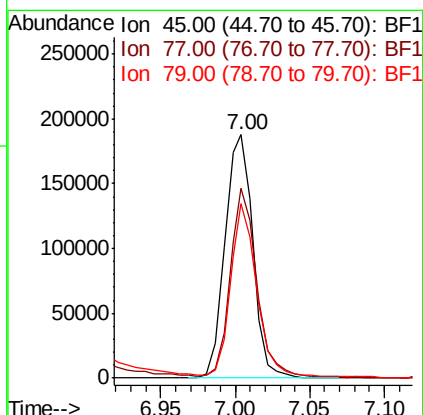
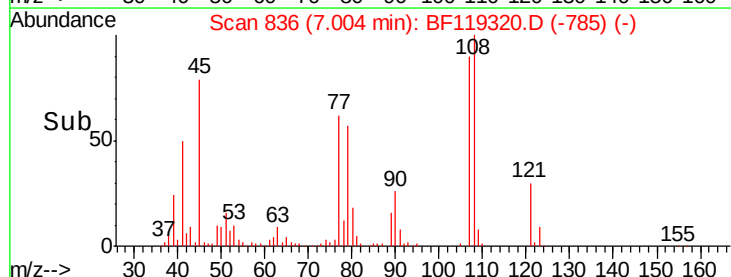
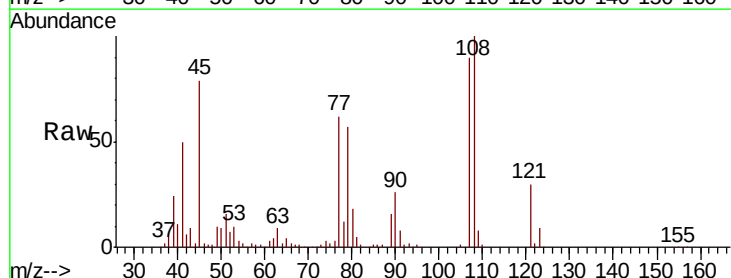
Tgt Ion: 45 Resp: 246049

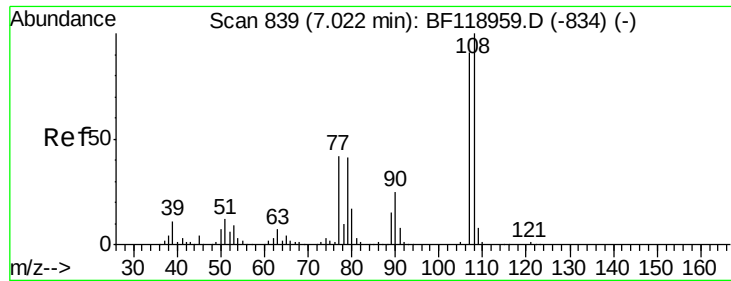
Ion Ratio Lower Upper

45 100

77 78.1 15.0 55.0#

79 71.9 9.4 49.4#

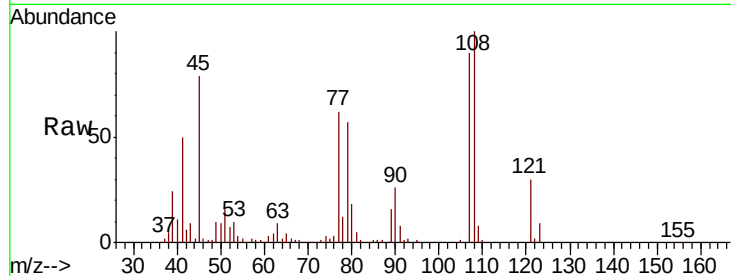




#17
2-Methylphenol
Concen: 46.250 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Instrument :
BNA_F
ClientSampleId :

Tot 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



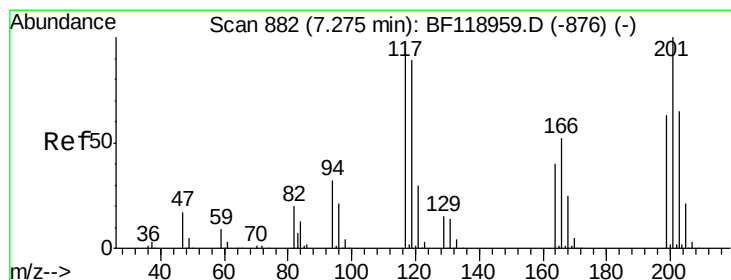
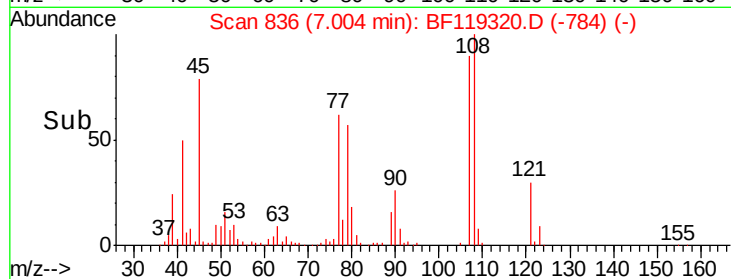
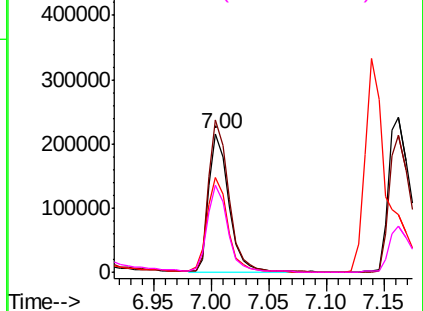
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

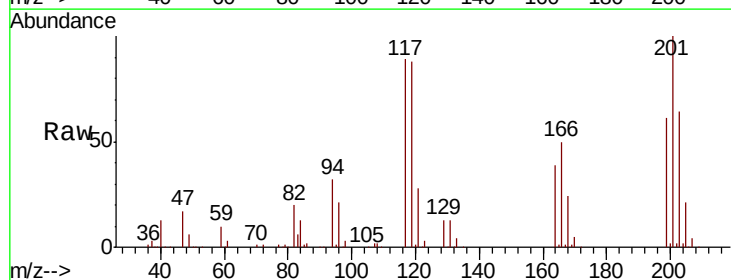
Ion 77.00 (76.70 to 77.70): BF1

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	Ratio	Lower	Upper
117	100		
119	98.4	77.5	116.3
201	112.1	82.6	123.8

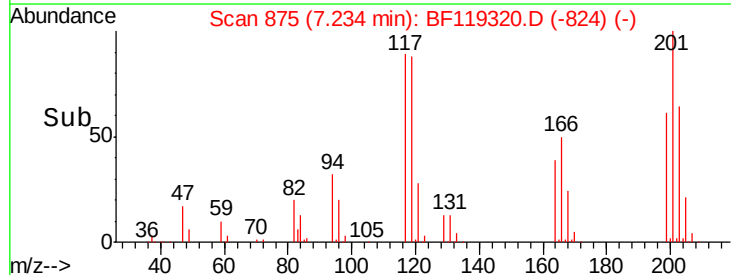
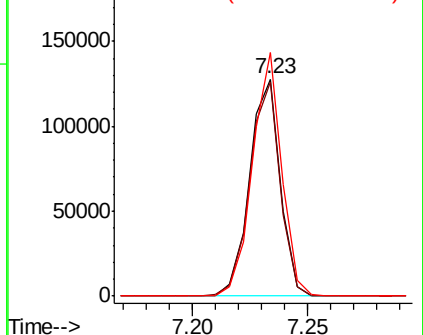


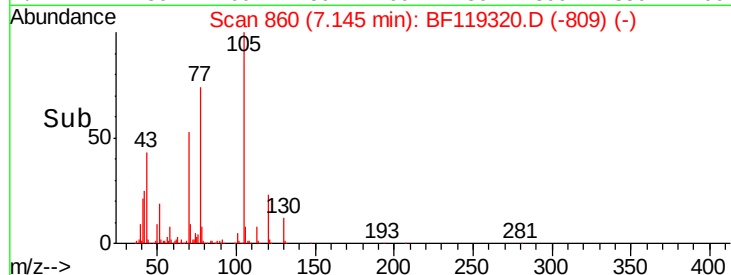
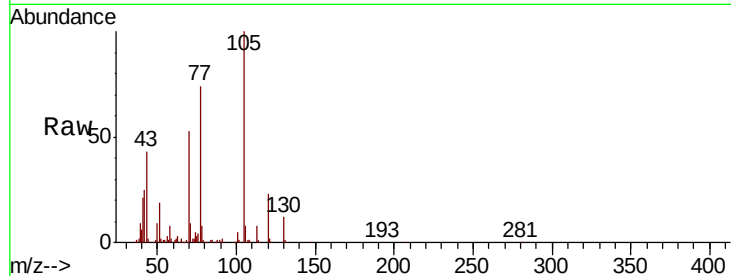
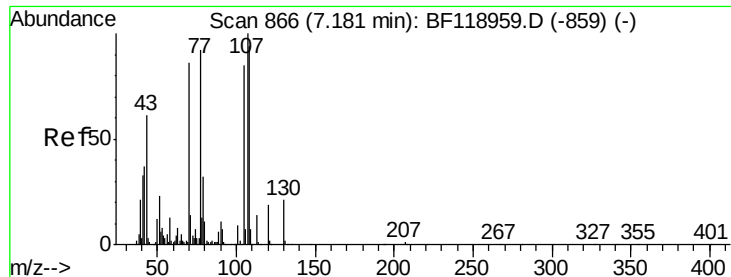
Abundance

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

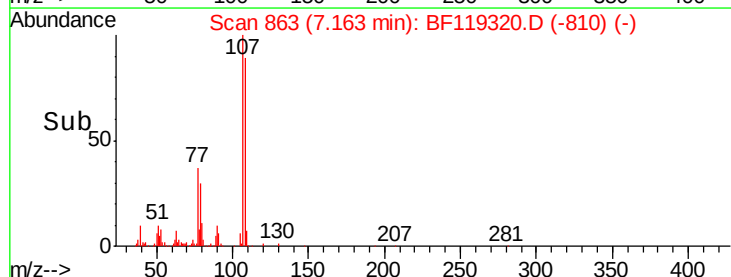
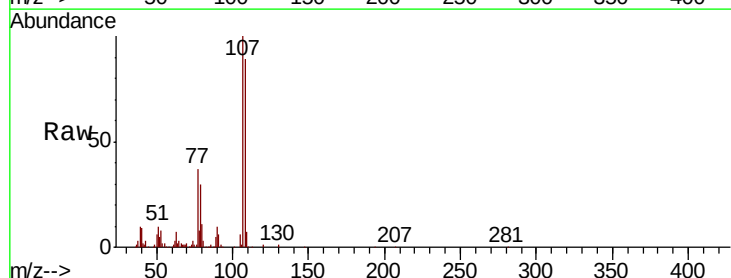
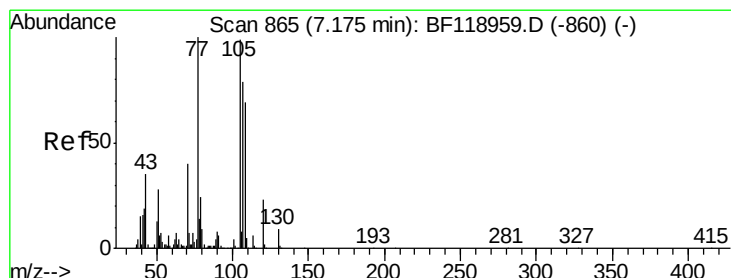
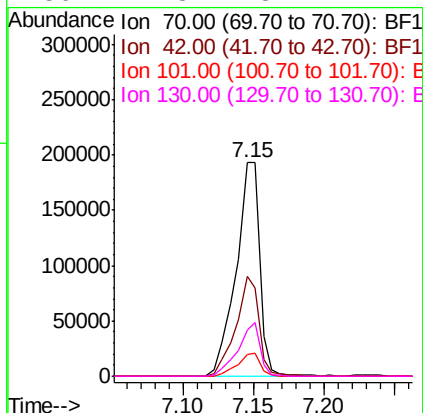




#19
n-Nitroso-di-n-propylamine
Concen: 49.664 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

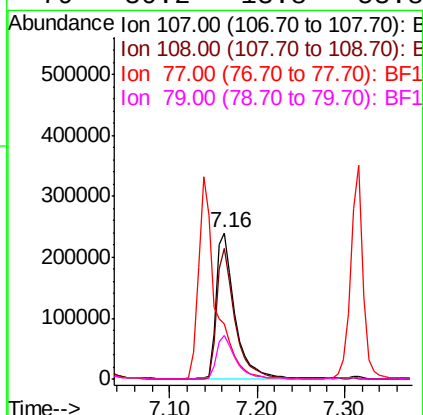
Instrument :
BNA_F
ClientSampled :

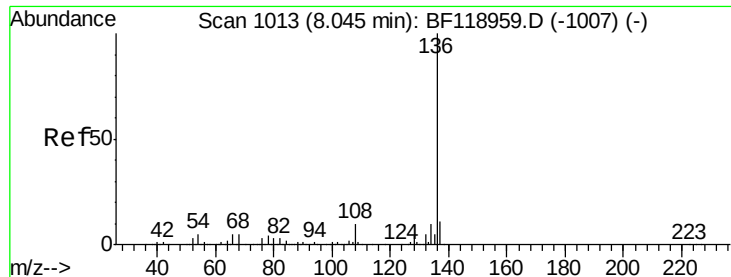
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.6	38.0	57.0
101	10.2	8.2	12.4
130	21.8	18.2	27.4



#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

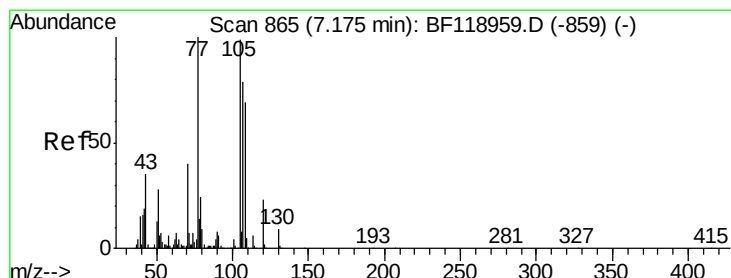
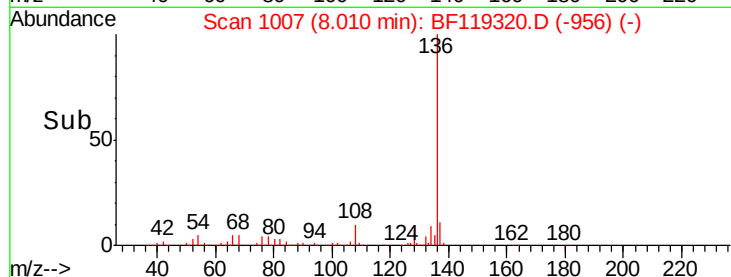
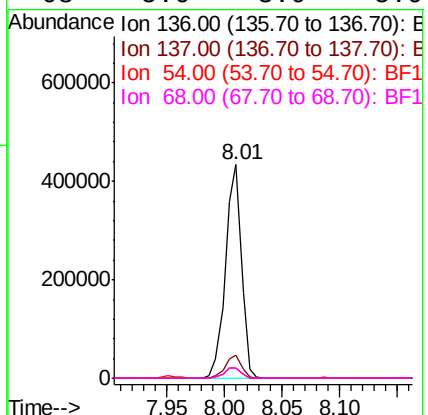
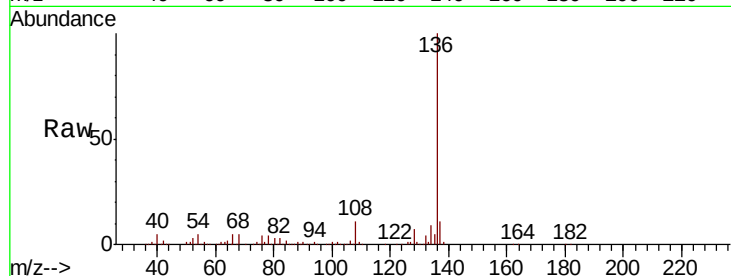




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

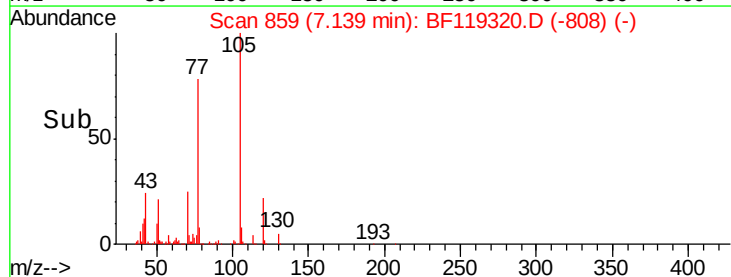
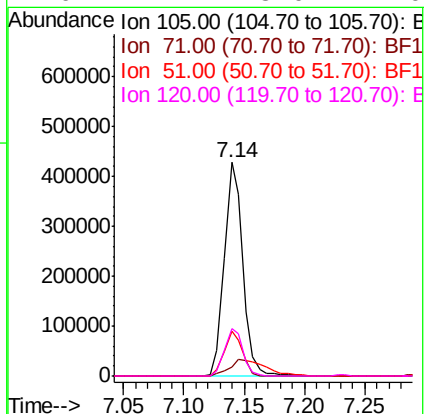
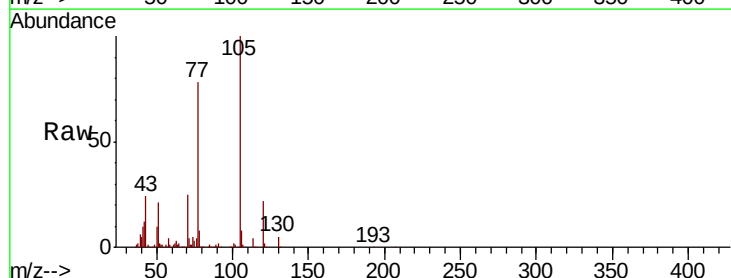
Instrument :
BNA_F
ClientSampleId :

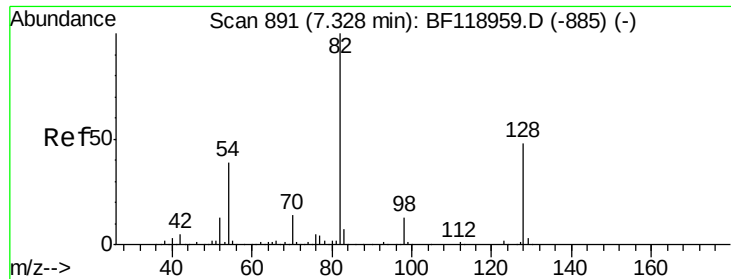
Tot Ion:136	Resp:	417332
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	4.8	3.8 5.6
68	5.0	3.9 5.9



#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

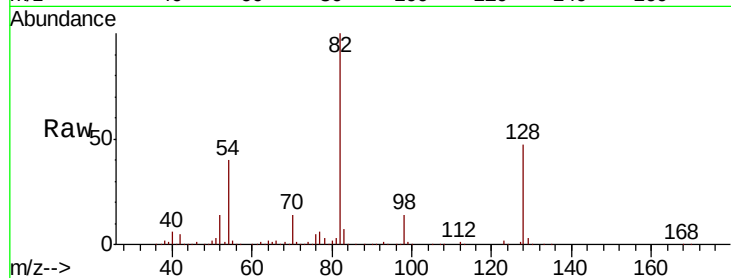




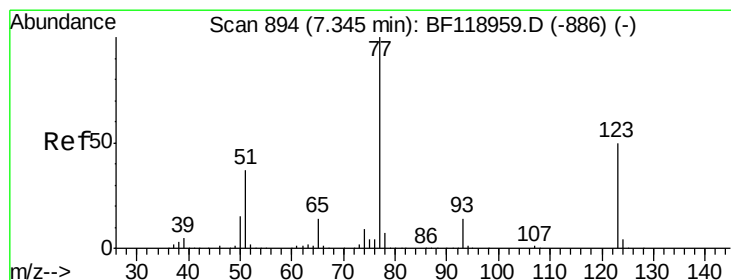
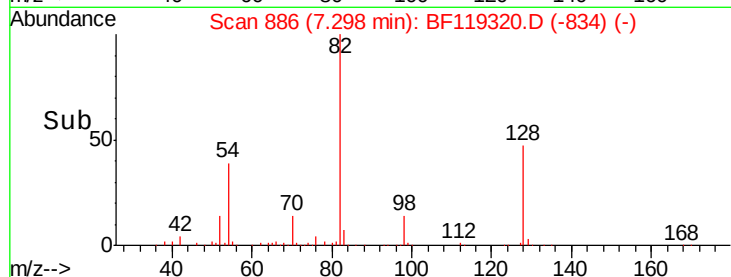
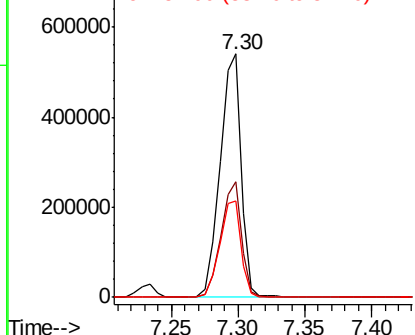
#23
 Nitrobenzene-d5
 Concen: 76.488 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

Instrument :
 BNA_F
 ClientSampleId :

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

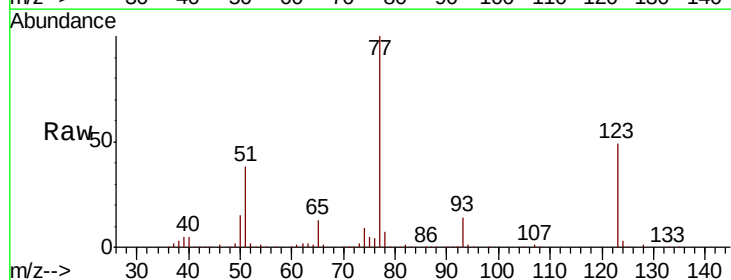


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

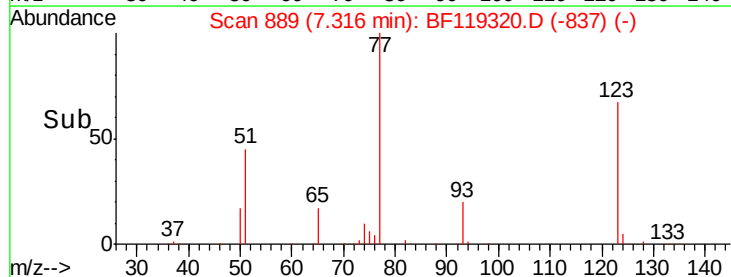
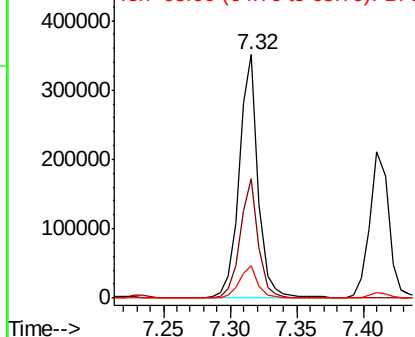


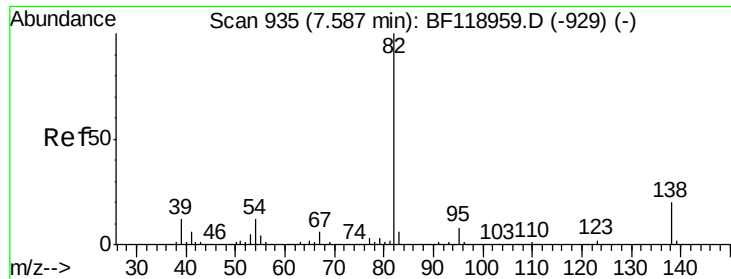
#24
 Nitrobenzene
 Concen: 43.942 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

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 :

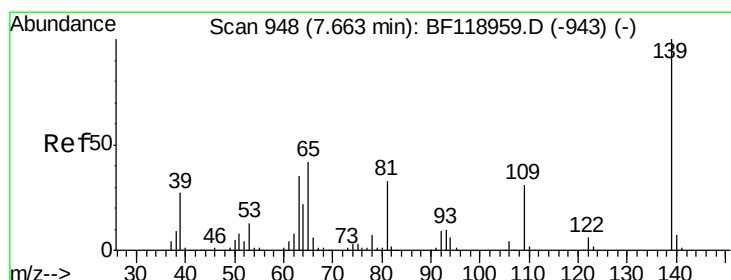
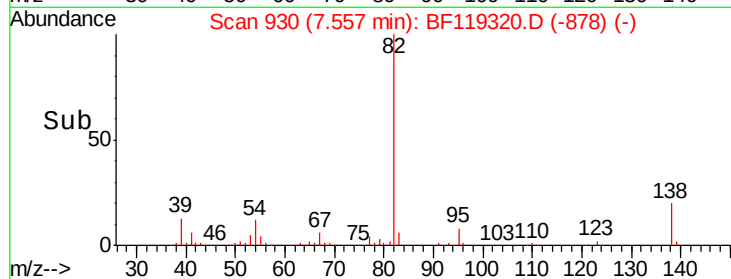
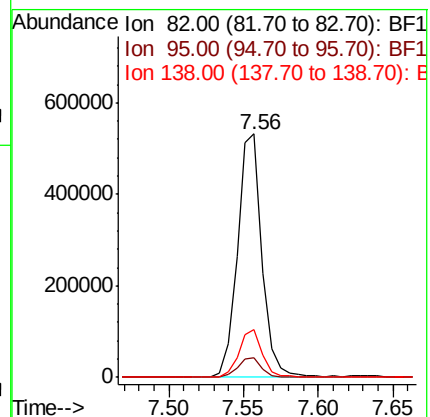
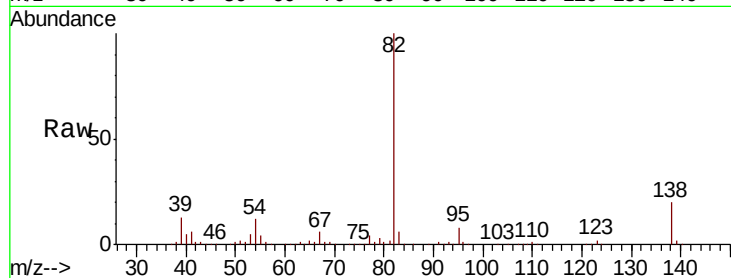
Tot Ion: 82 Resp: 610417

Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

138 19.6 15.7 23.5



#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

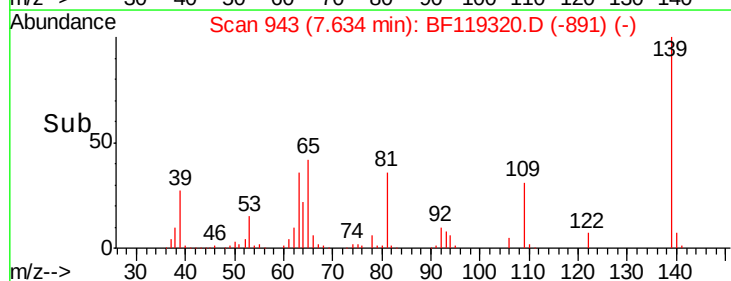
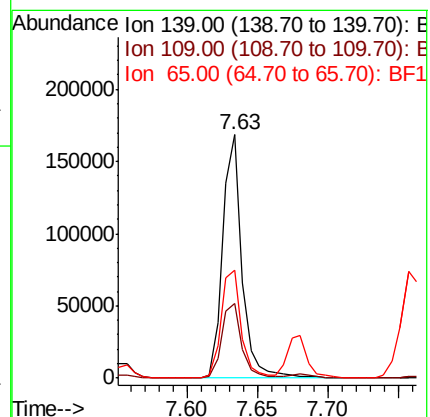
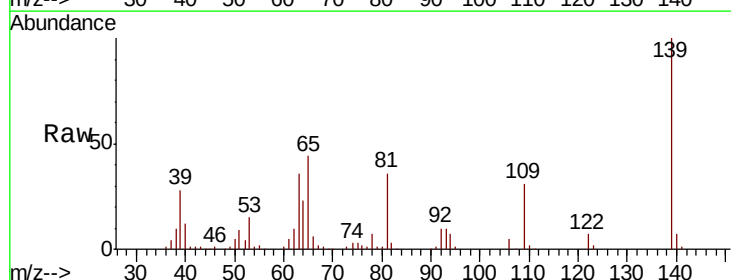
Tgt Ion: 139 Resp: 160489

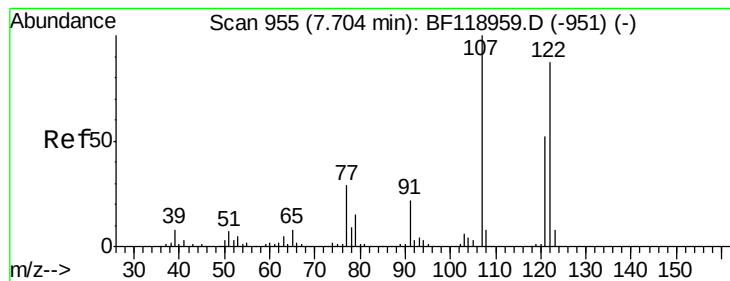
Ion Ratio Lower Upper

139 100

109 30.8 25.7 38.5

65 44.4 37.1 55.7





#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

ClientSampled :

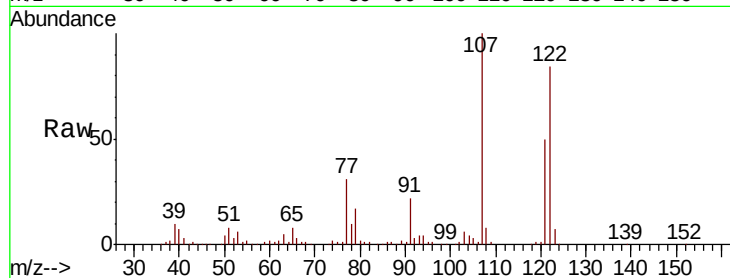
Tot Ion:122 Resp: 279744

Ion Ratio Lower Upper

122 100

107 119.1 93.8 140.6

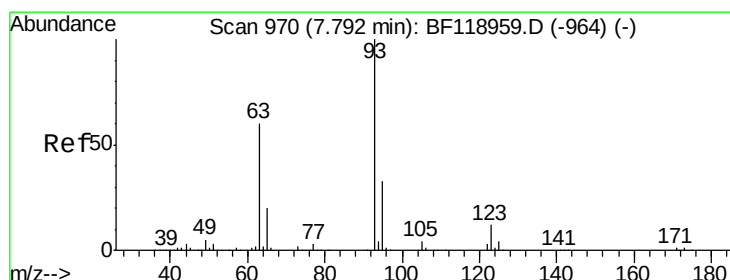
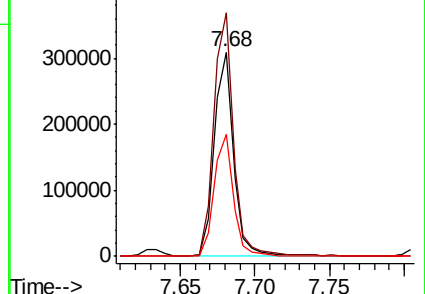
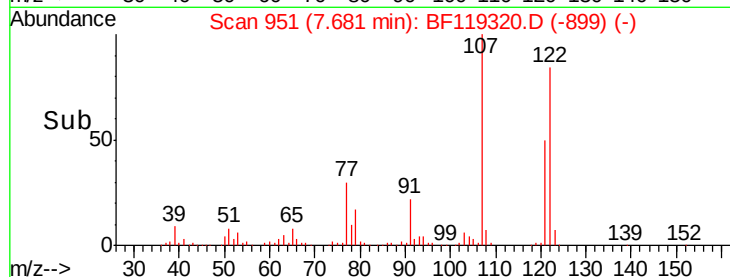
121 59.6 48.2 72.2



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

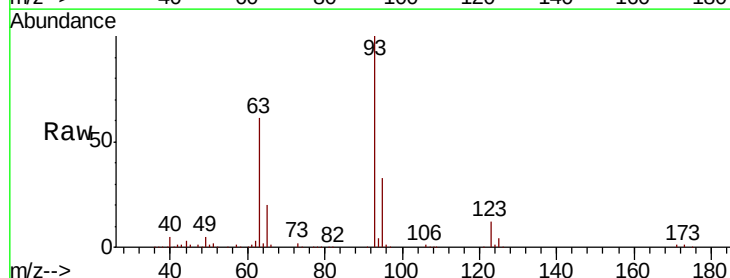
Tgt Ion: 93 Resp: 374713

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

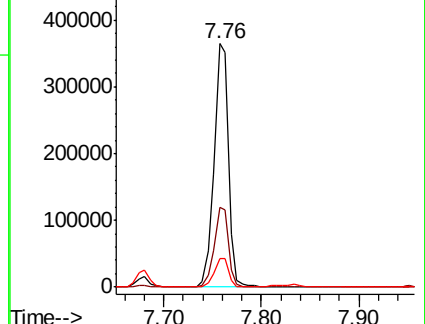
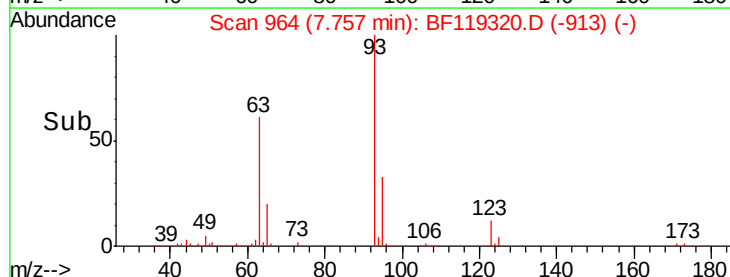
123 11.7 10.2 15.2

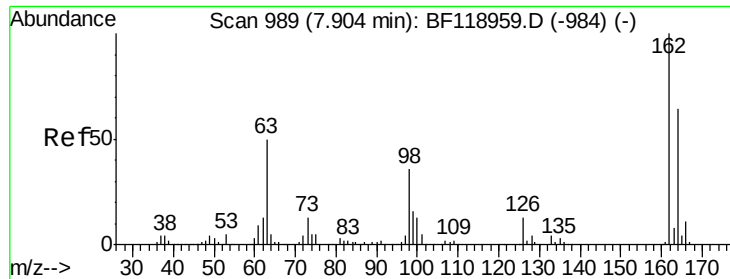


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

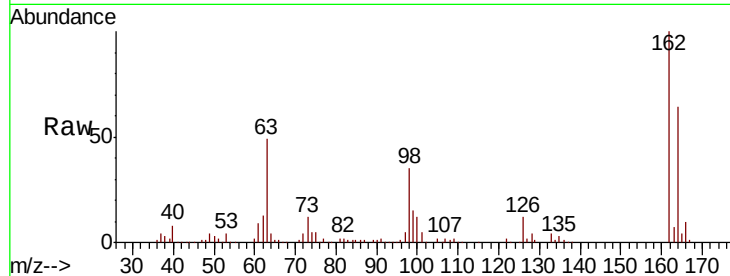




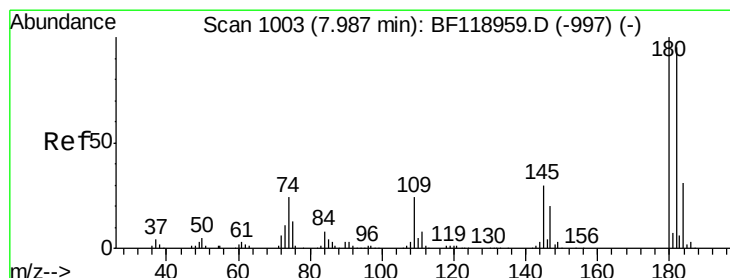
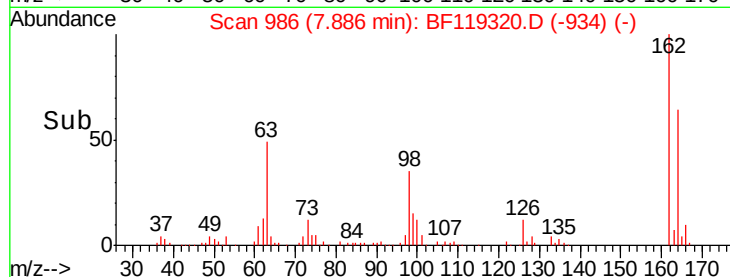
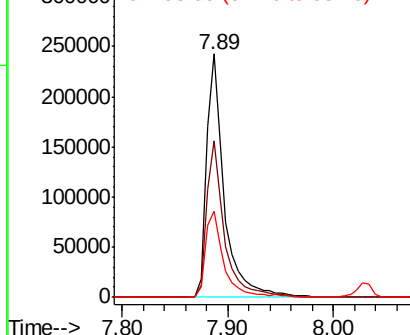
#29
2,4-Dichlorophenol
Concen: 42.407 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Instrument :
BNA_F
ClientSampleId :

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

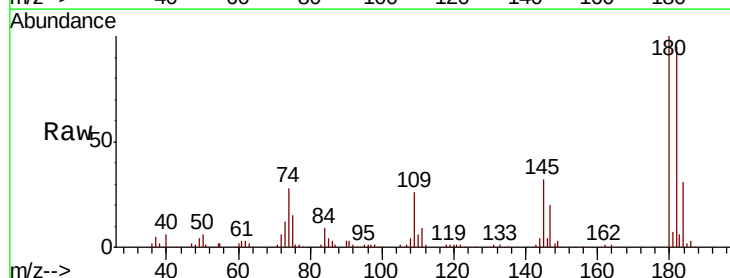


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

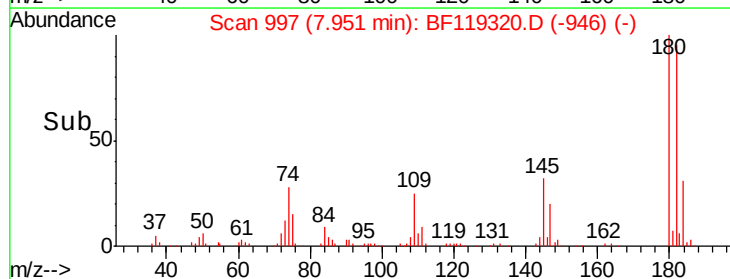
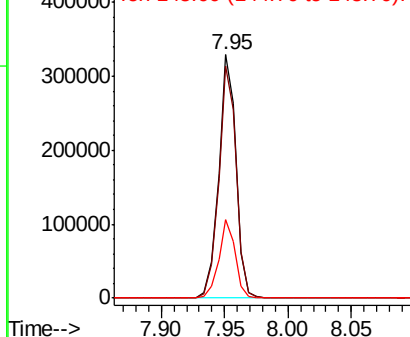


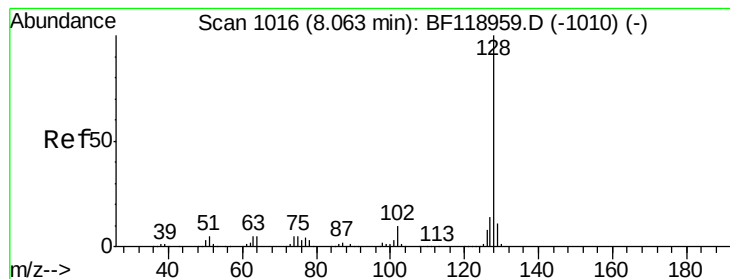
#30
1,2,4-Trichlorobenzene
Concen: 40.211 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

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 :

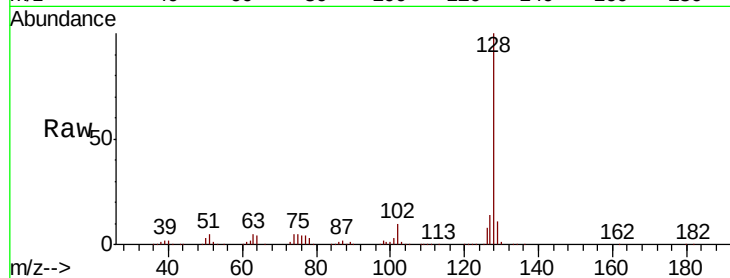
Tot Ion:128 Resp: 941720

Ion Ratio Lower Upper

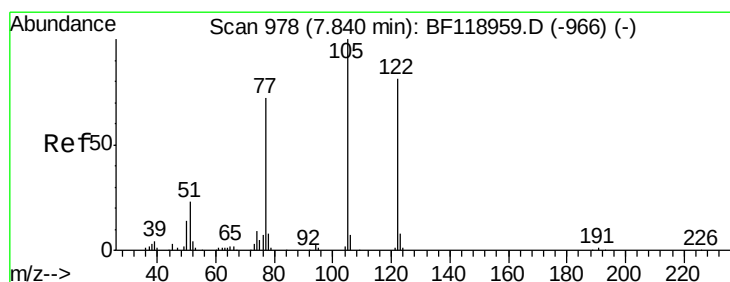
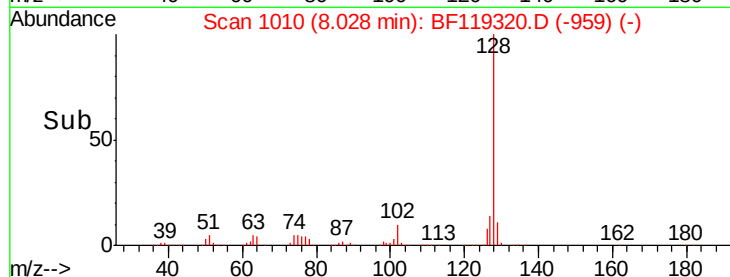
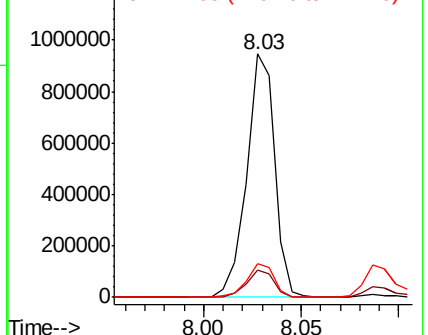
128 100

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



#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

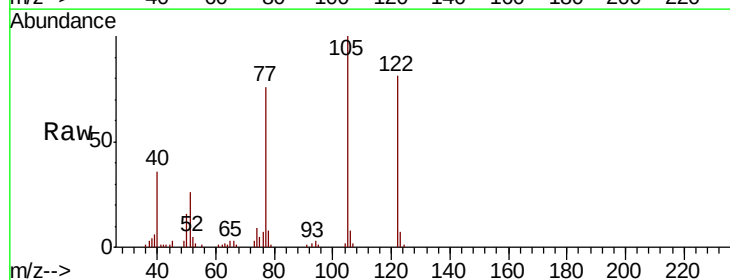
Tgt Ion:122 Resp: 98691

Ion Ratio Lower Upper

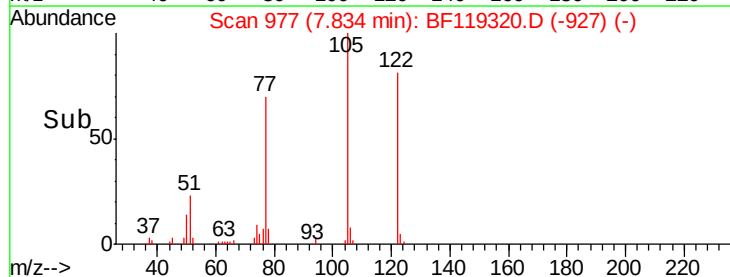
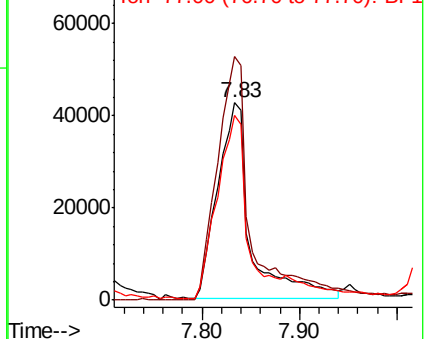
122 100

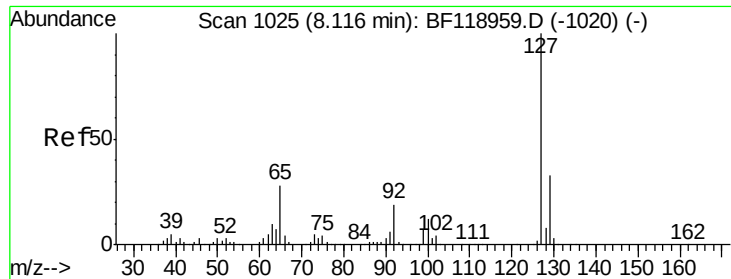
105 123.4 106.3 146.3

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

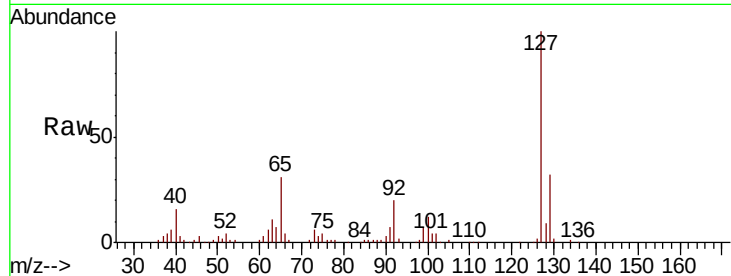




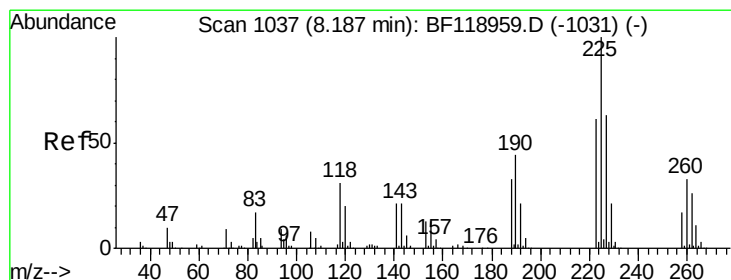
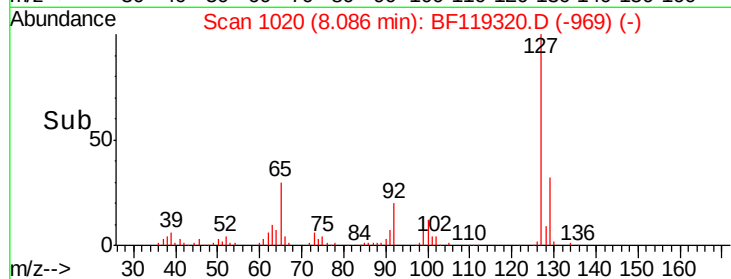
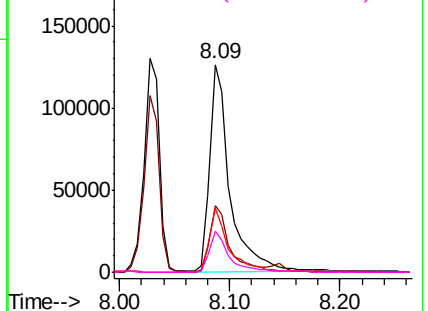
#33
4-Chloroaniline
Concen: 16.916 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Instrument :
BNA_F
ClientSampleId :

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

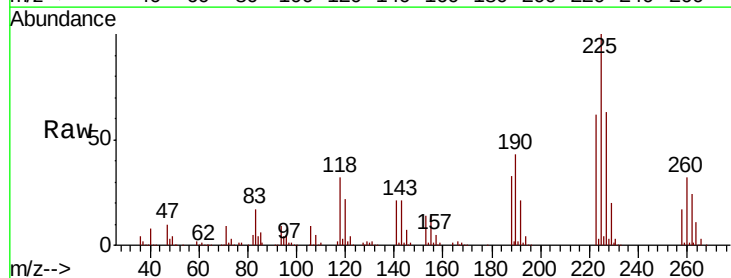


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

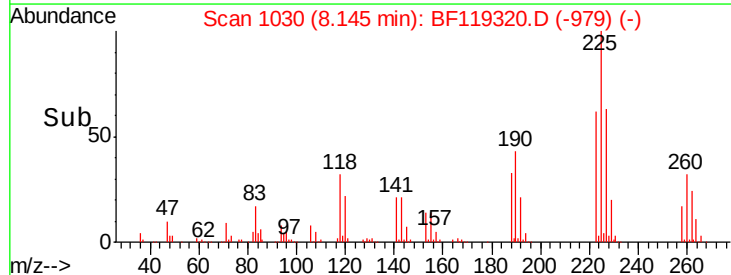
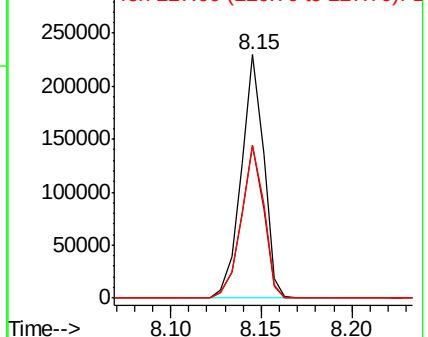


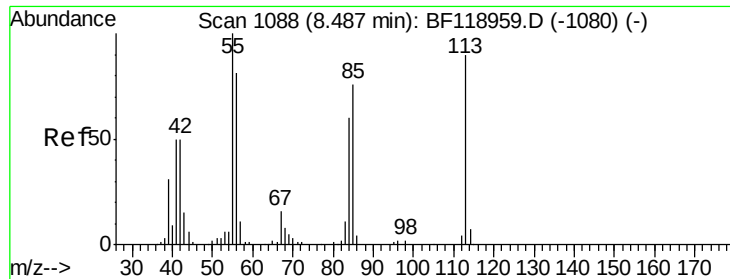
#34
Hexachlorobutadiene
Concen: 40.528 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

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

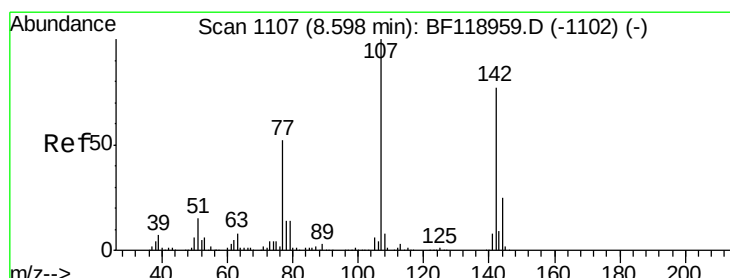
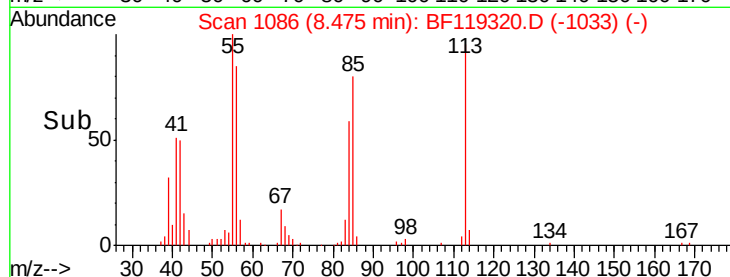
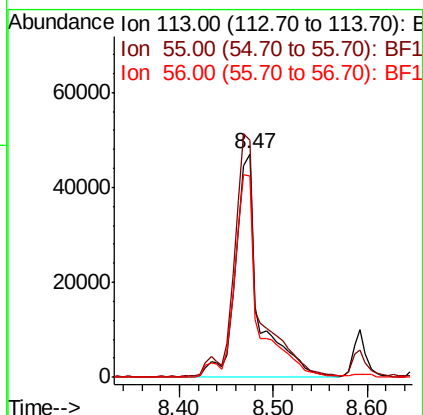
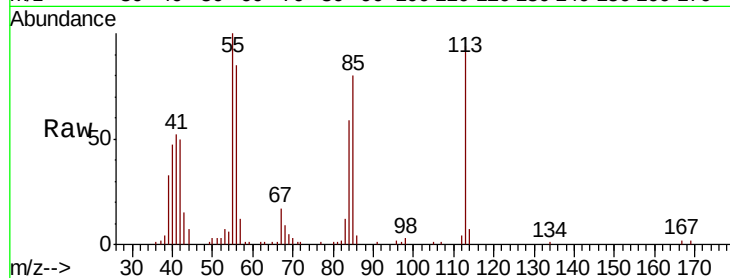




#35
 Caprolactam
 Concen: 40.189 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

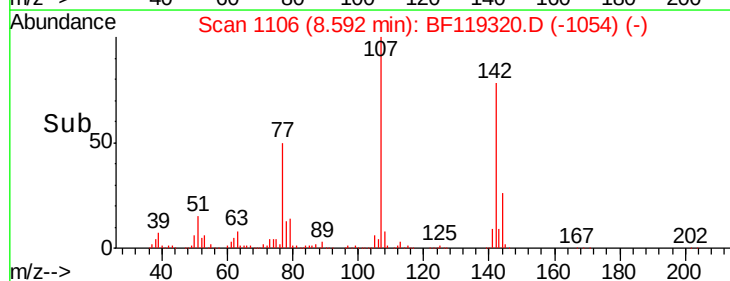
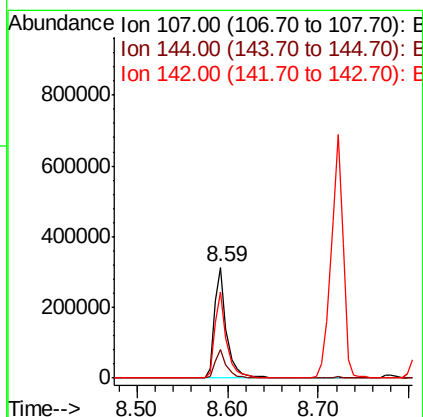
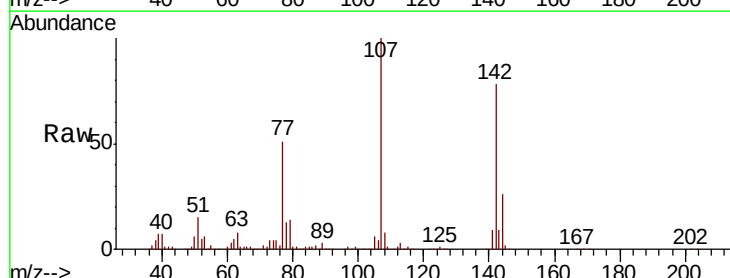
Instrument :
 BNA_F
 ClientSampleId :

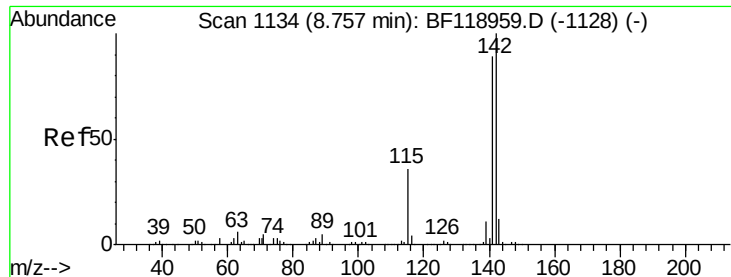
Tot Ion:113 Resp: 81883
 Ion Ratio Lower Upper
 113 100
 55 106.2 95.7 135.7
 56 90.0 73.1 113.1



#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

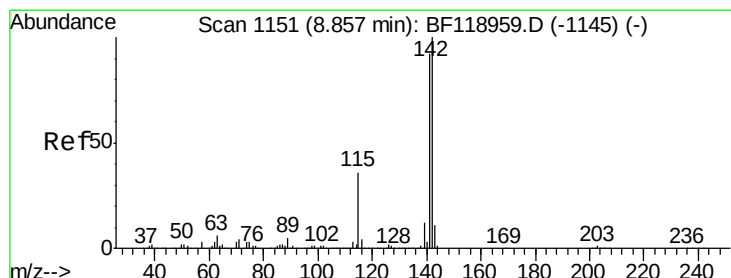
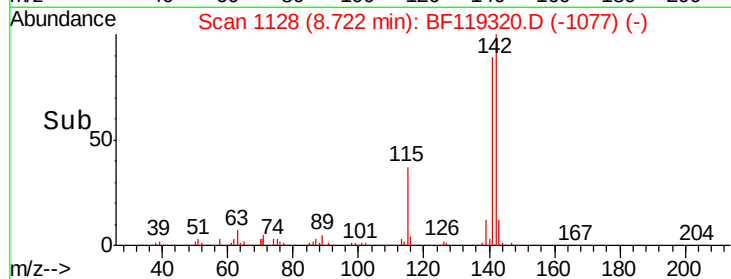
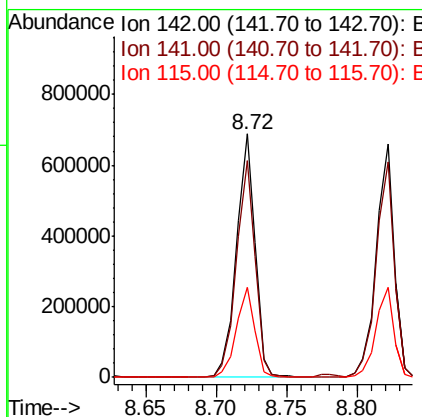
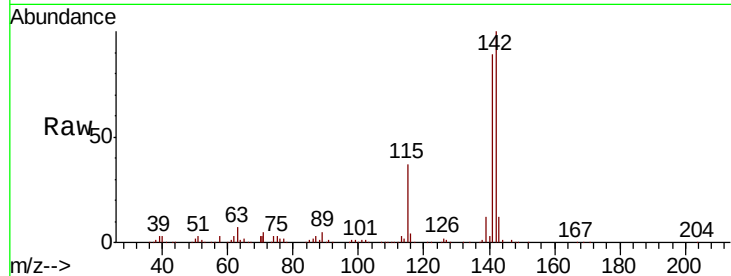




#37
 2-Methylnaphthalene
 Concen: 43.321 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

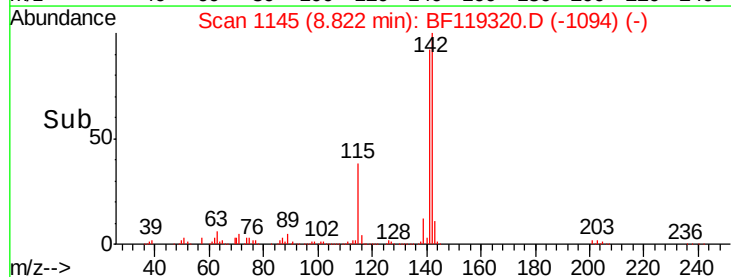
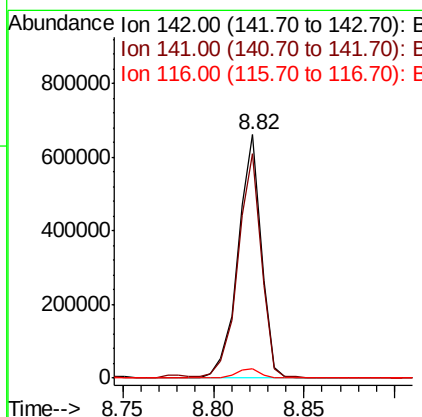
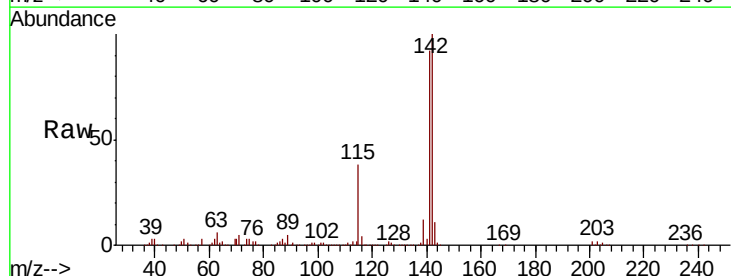
Instrument :
 BNA_F
 ClientSampleId :

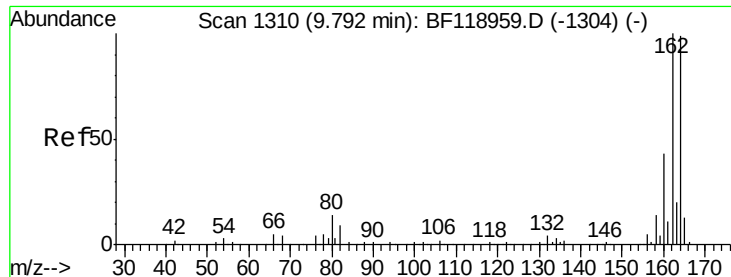
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.3	108.5
115	36.8	30.6	45.8



#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	Ratio	Lower	Upper
142	100		
141	92.2	75.8	113.6
116	3.9	3.1	4.7





#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 :

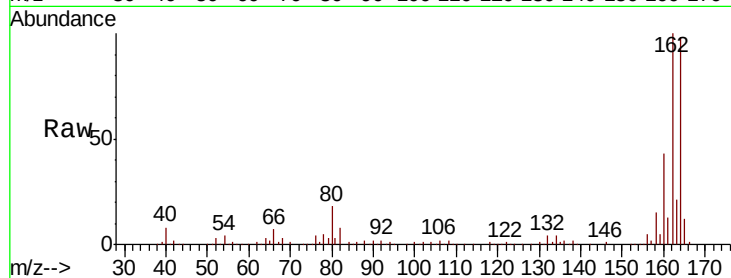
Tot Ion:164 Resp: 215482

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.8

160 43.8 36.0 54.0

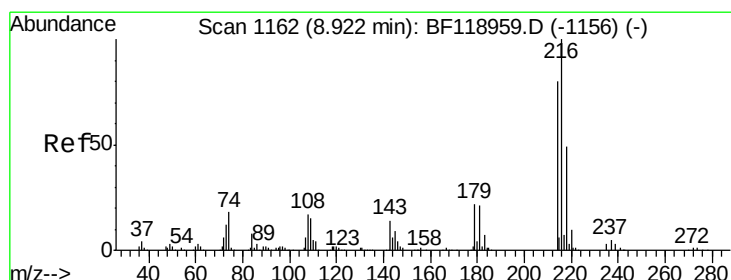
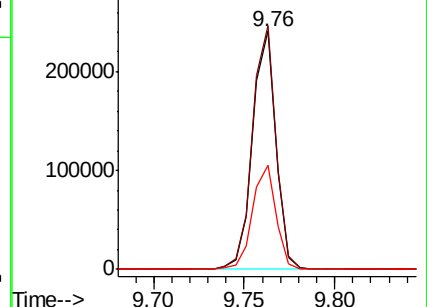
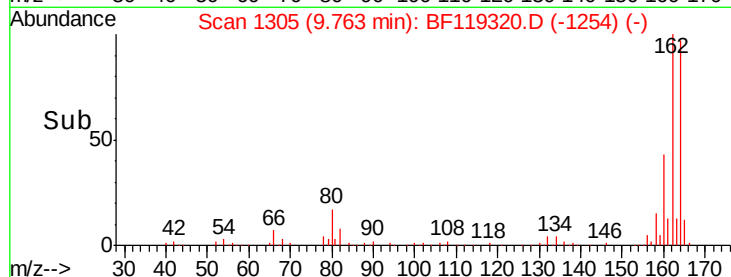


Abundance

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

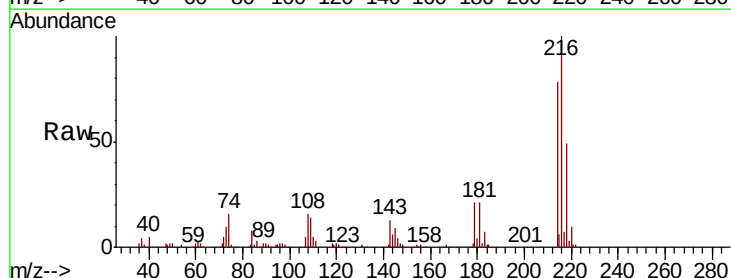
Ion Ratio Lower Upper

216 100

214 77.9 63.3 94.9

179 21.5 17.7 26.5

108 16.8 13.9 20.9



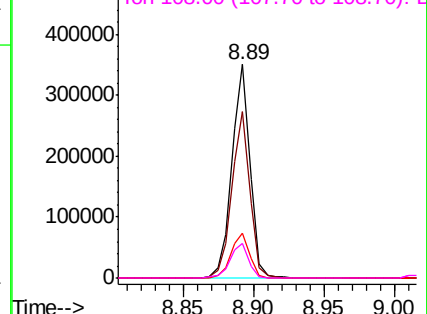
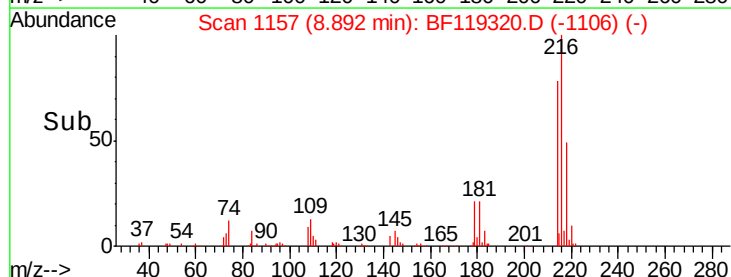
Abundance

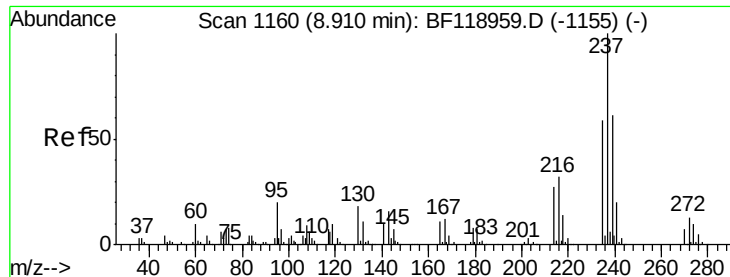
Ion 216.00 (215.70 to 216.70): E

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 :

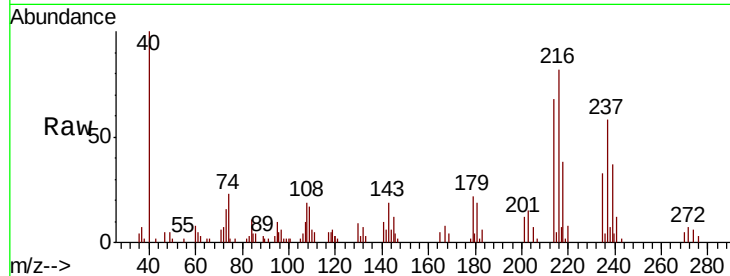
Tot Ion:237 Resp: 10160

Ion Ratio Lower Upper

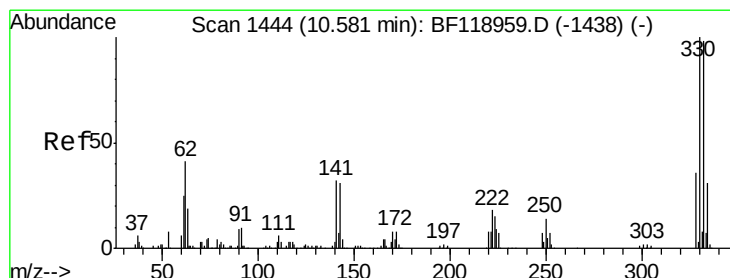
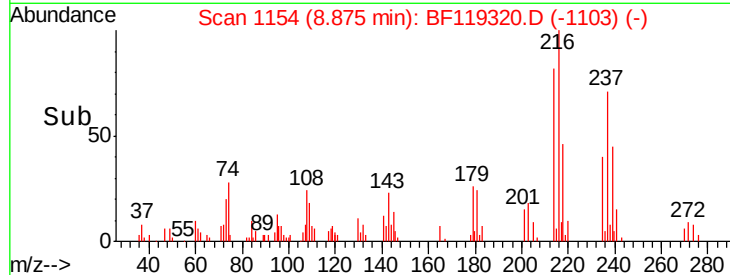
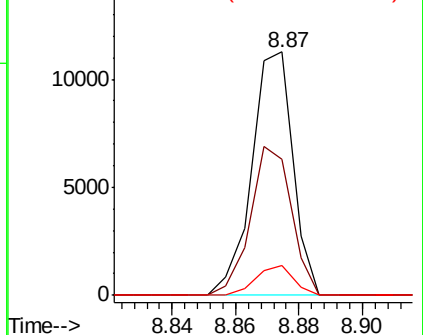
237 100

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

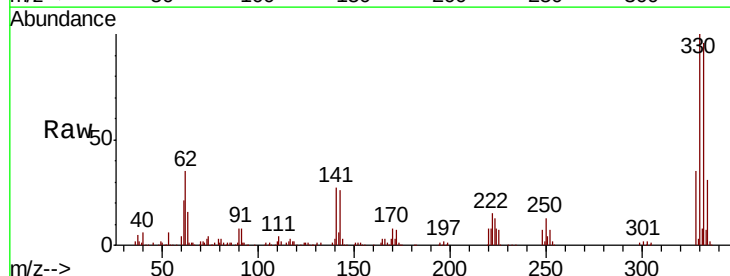
Tgt Ion:330 Resp: 258282

Ion Ratio Lower Upper

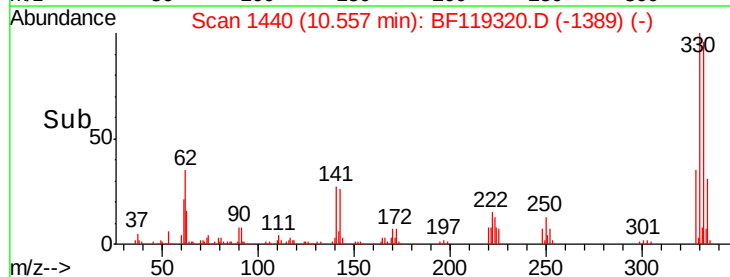
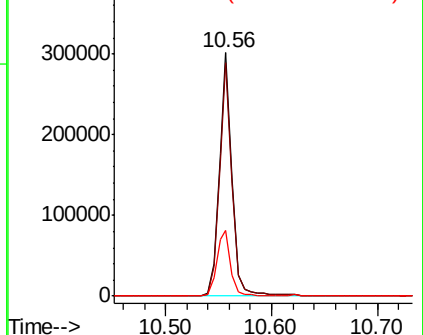
330 100

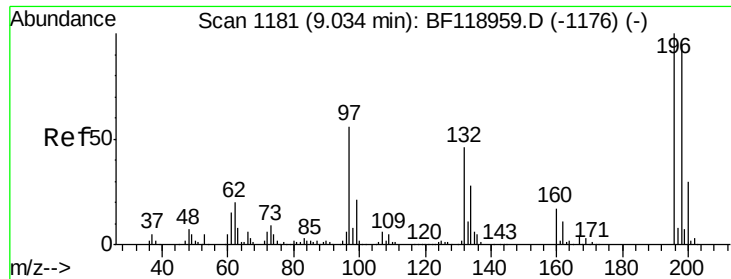
332 96.4 76.0 114.0

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

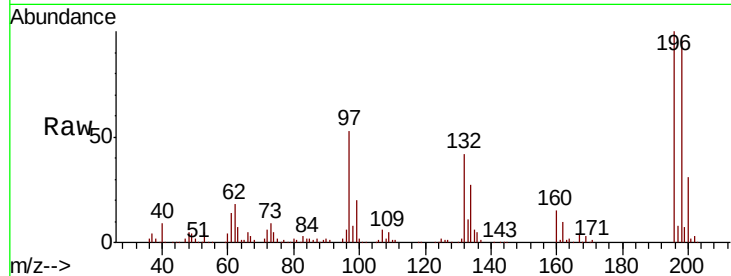




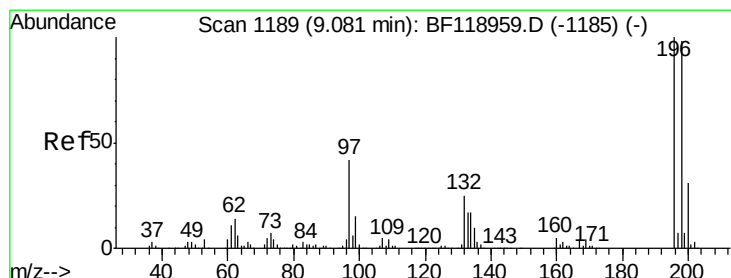
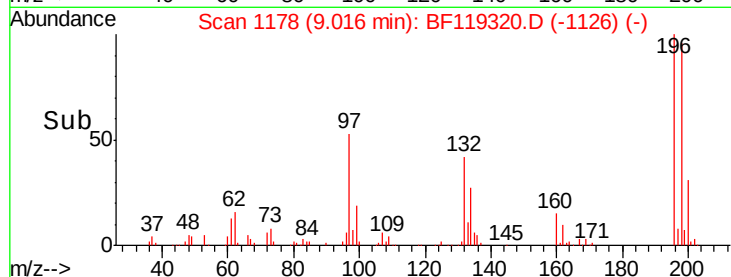
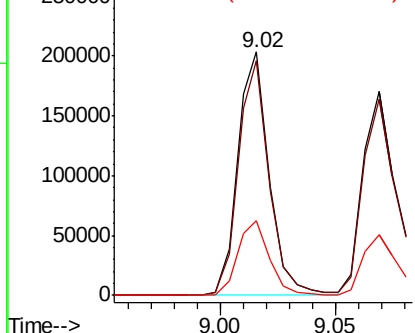
#43
 2,4,6-Trichlorophenol
 Concen: 41.915 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

Instrument :
 BNA_F
 ClientSampleId :

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

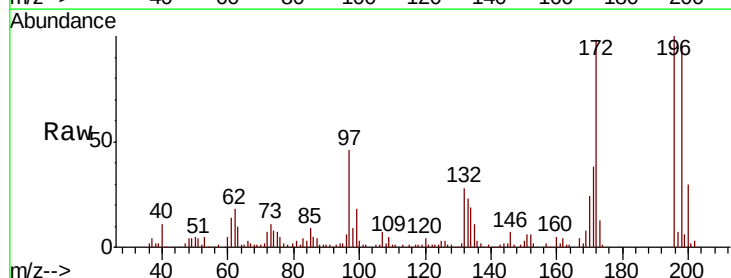


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

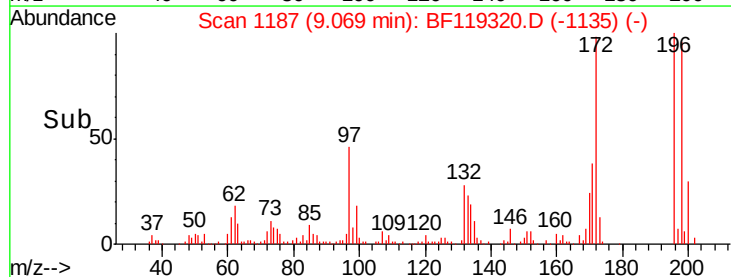
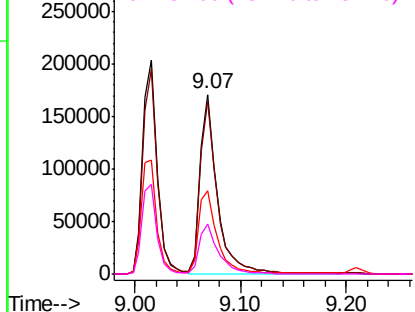


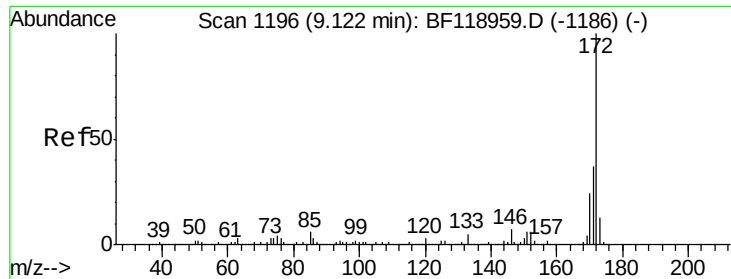
#44
 2,4,5-Trichlorophenol
 Concen: 39.860 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

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



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



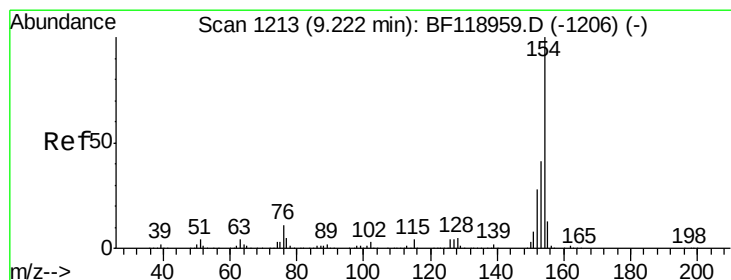
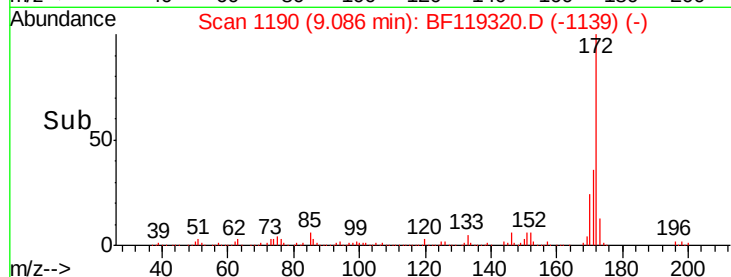
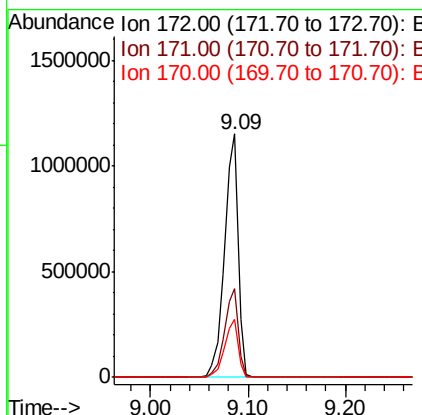
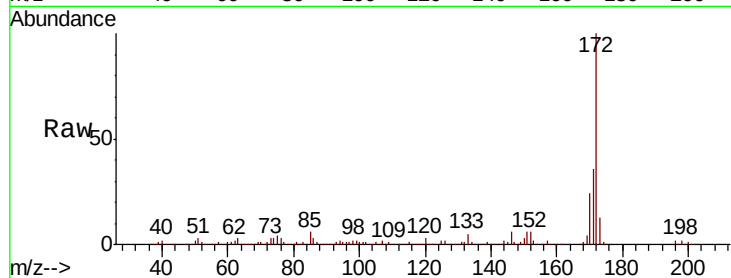


#45
 2-Fluorobiphenyl
 Concen: 76.726 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1122275

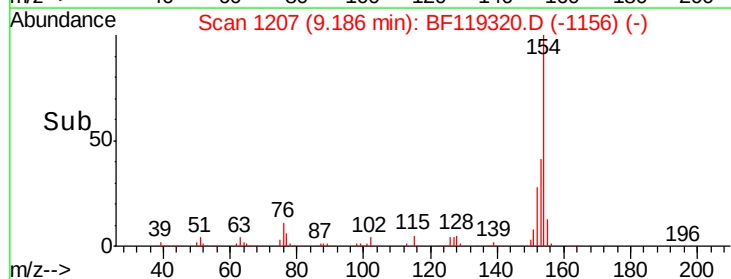
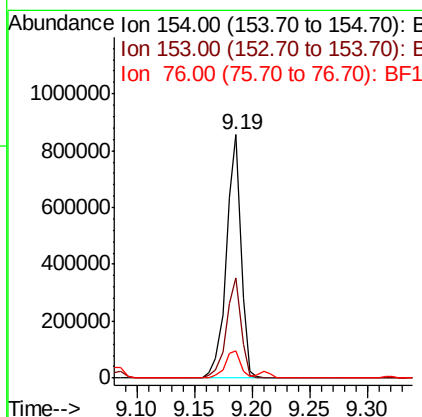
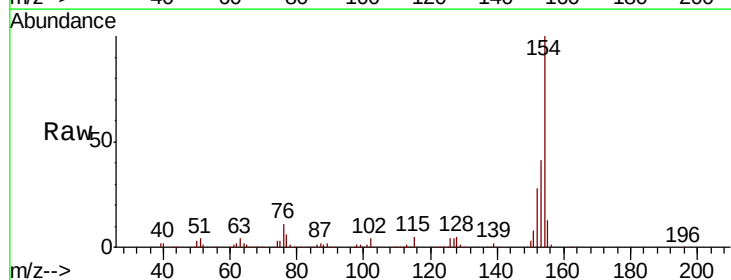
Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	45.8
170	24.1	20.2	30.2

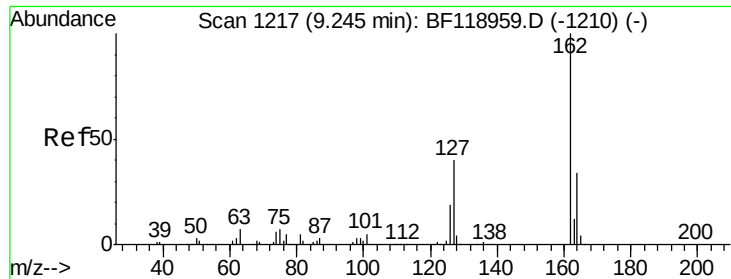


#46
 1,1'-Biphenyl
 Concen: 43.107 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

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

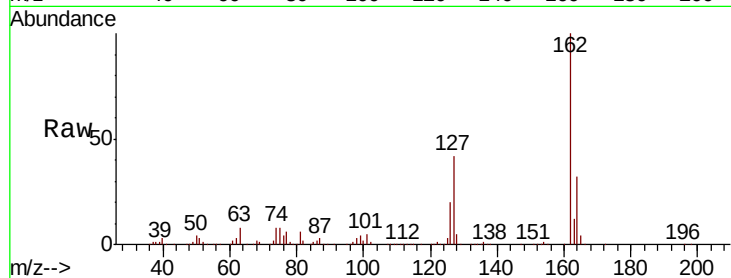




#47
 2-Chloronaphthalene
 Concen: 42.187 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

Instrument :
 BNA_F
 ClientSampleId :

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

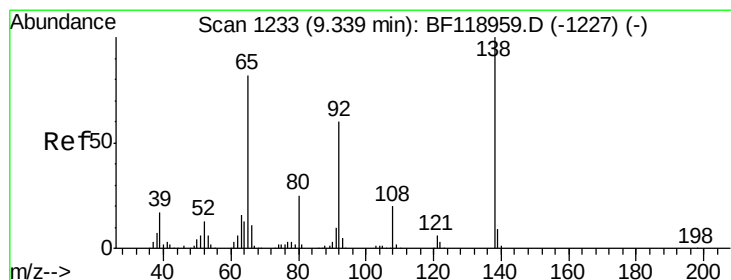
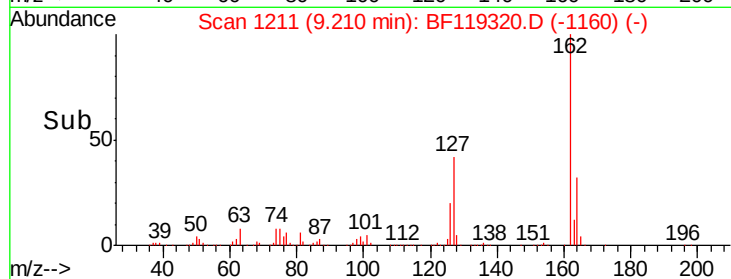
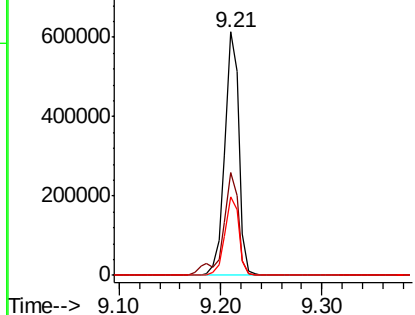


Abundance

Ion 162.00 (161.70 to 162.70): E

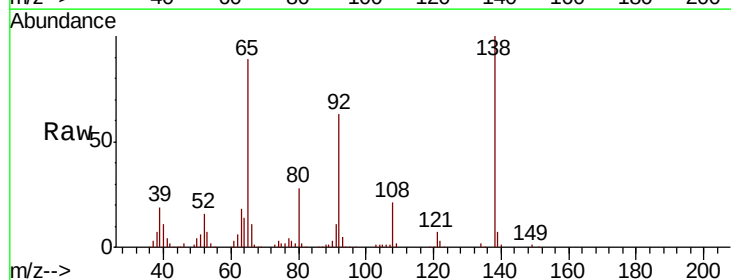
Ion 127.00 (126.70 to 127.70): E

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	Ratio	Lower	Upper
65	100		
92	70.7	58.2	87.2
138	112.0	95.6	143.4

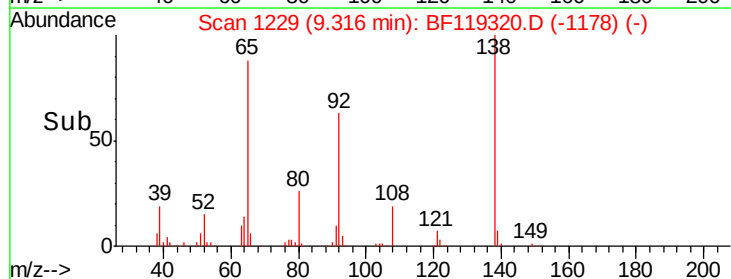
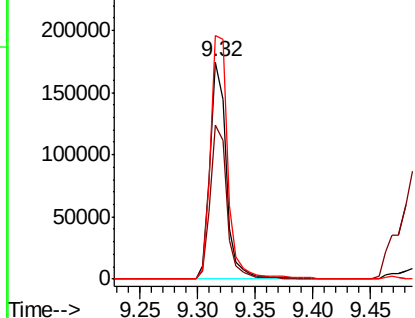


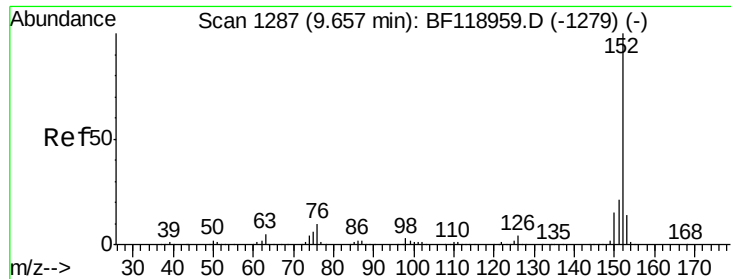
Abundance

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

ClientSampled :

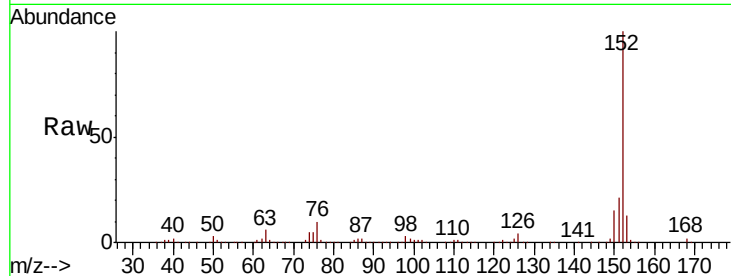
Tot Ion:152 Resp: 868143

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

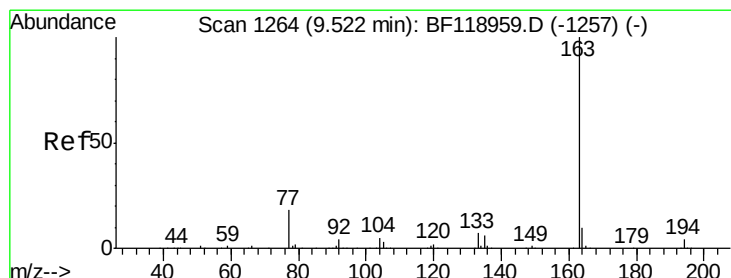
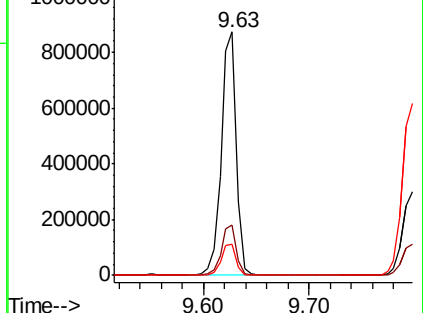
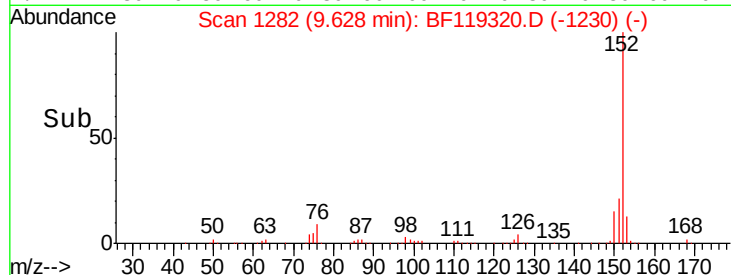
153 13.0 11.0 16.6



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

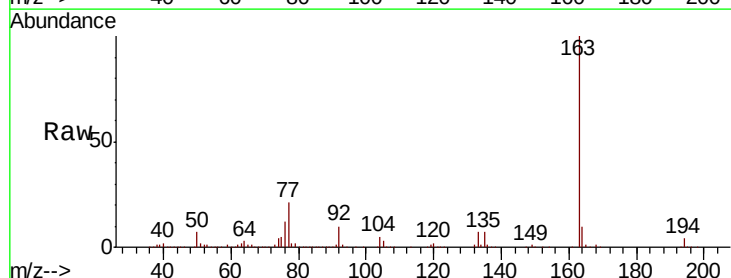
Tgt Ion:163 Resp: 860081

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

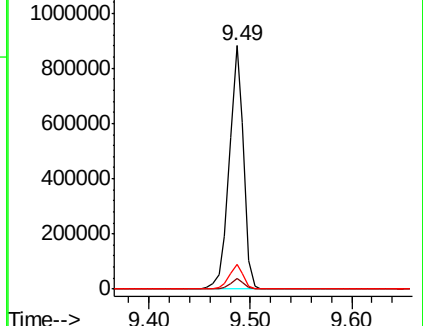
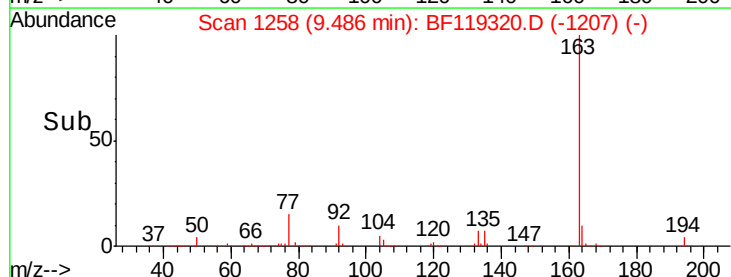
164 10.2 8.4 12.6

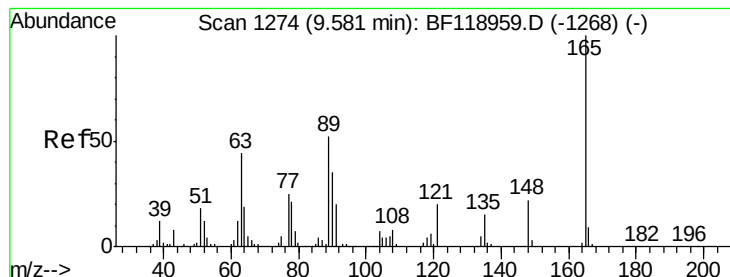


Abundance Ion 163.00 (162.70 to 163.70): E

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

ClientSampled :

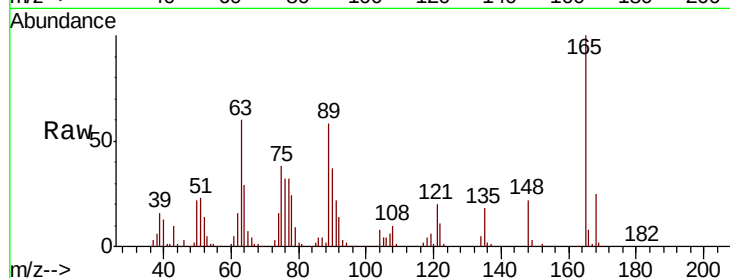
Tot Ion:165 Resp: 144361

Ion Ratio Lower Upper

165 100

63 59.8 34.3 51.5#

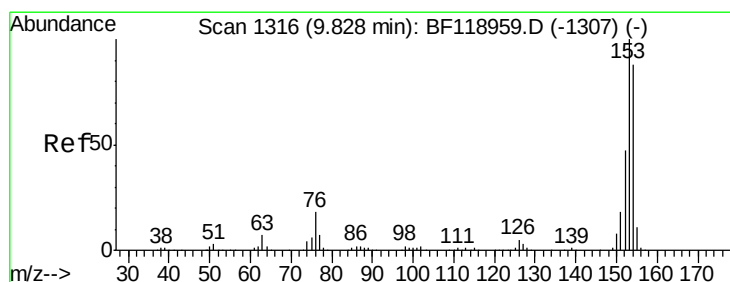
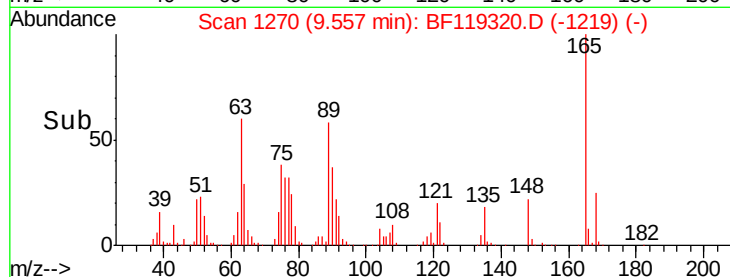
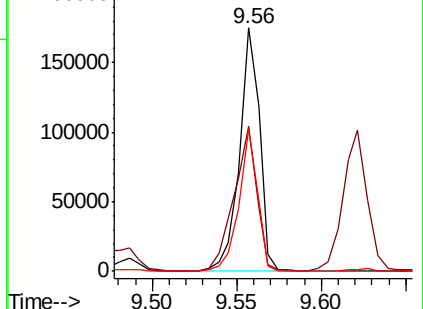
89 58.3 38.3 57.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 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

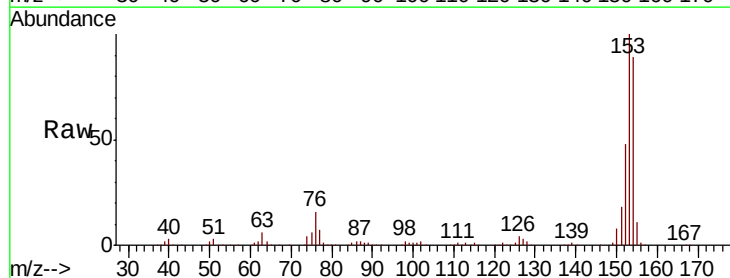
Tgt Ion:154 Resp: 511153

Ion Ratio Lower Upper

154 100

153 112.6 90.3 135.5

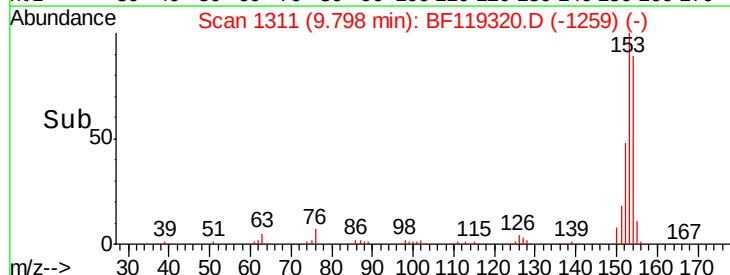
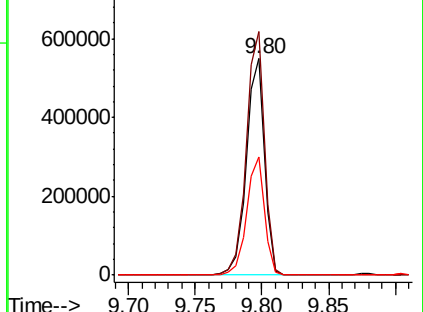
152 54.4 43.8 65.8

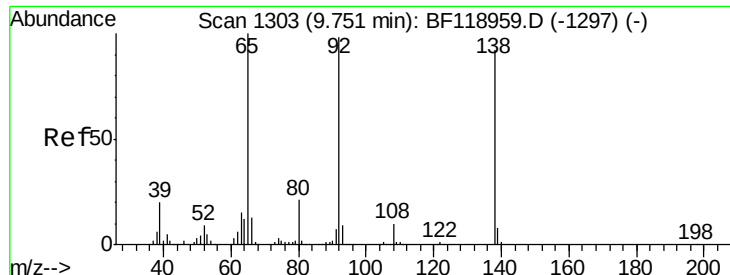


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

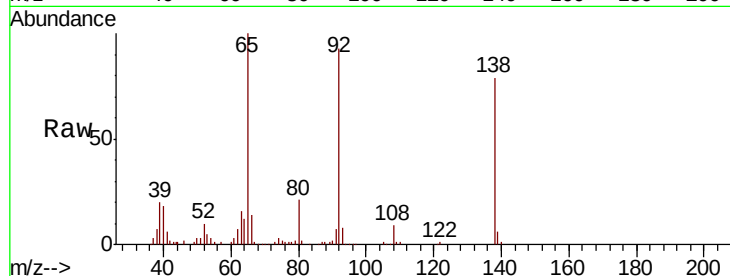




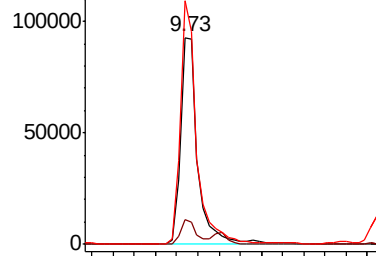
#53
3-Nitroaniline
Concen: 26.207 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Instrument :
BNA_F
ClientSampled :

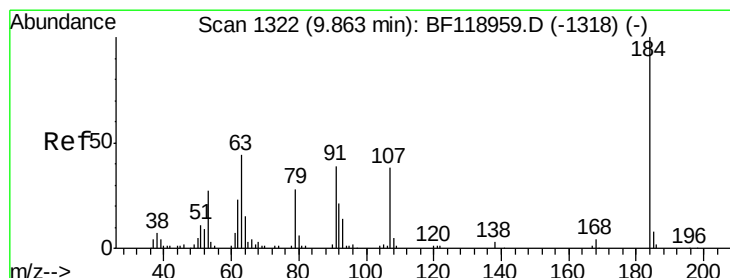
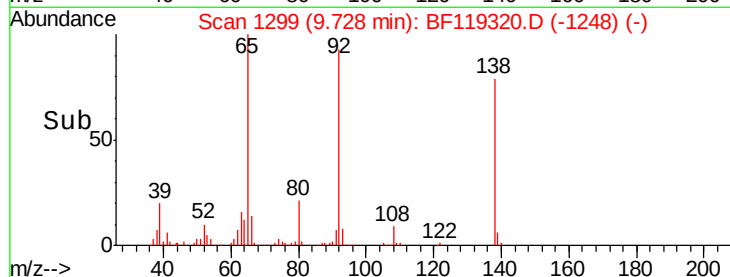
Tot Ion:138 Resp: 106361
Ion Ratio Lower Upper
138 100
108 11.7 8.8 13.2
92 117.6 84.8 127.2



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

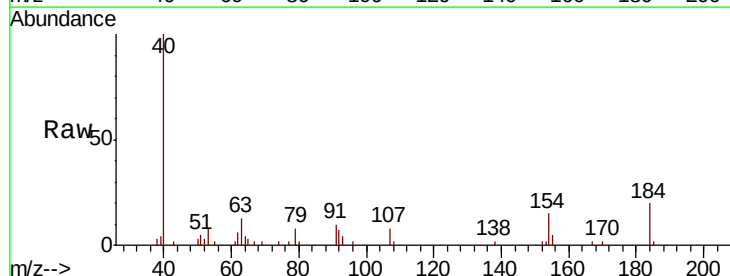


Time-->

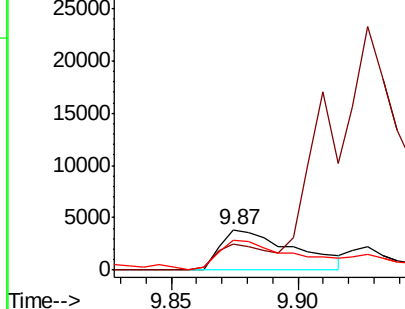


#54
2,4-Dinitrophenol
Concen: 11.423 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

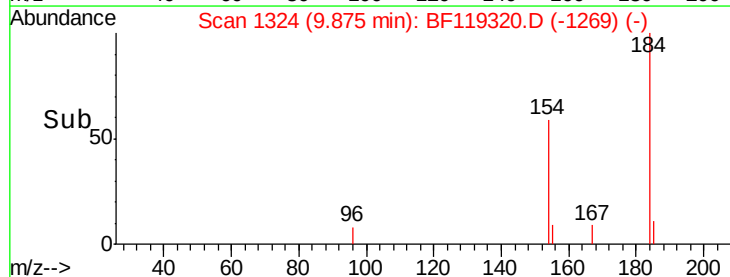
Tgt Ion:184 Resp: 7747
Ion Ratio Lower Upper
184 100
63 65.6 38.7 58.1#
154 73.0 49.7 74.5

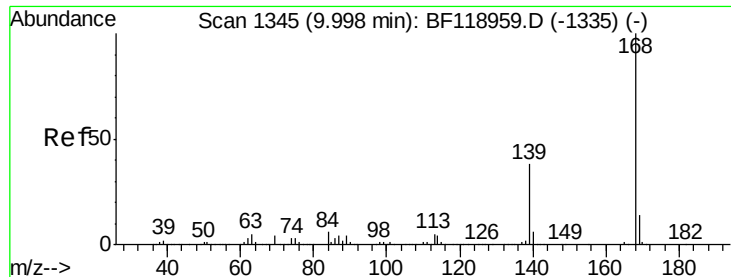


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



Time-->

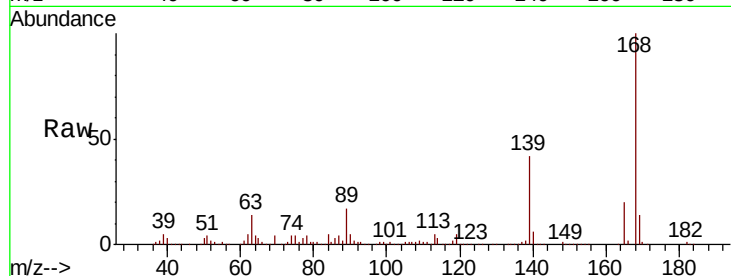




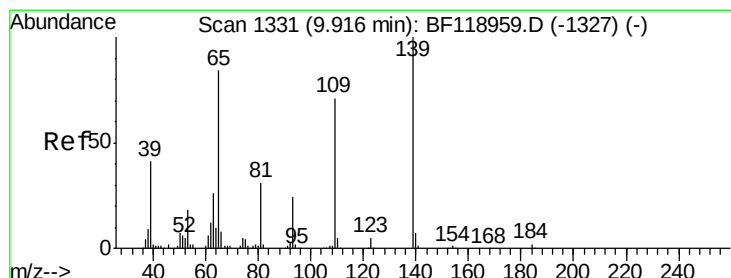
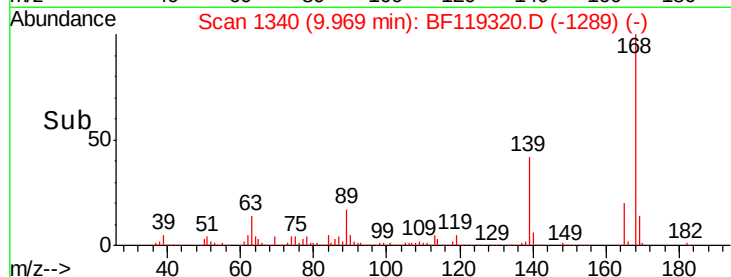
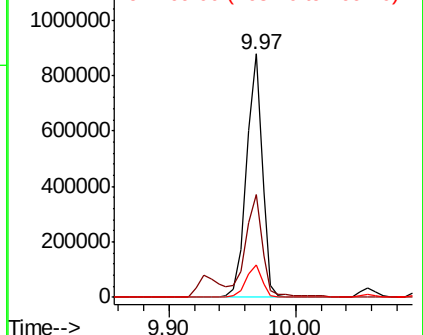
#55
Dibenzofuran
Concen: 41.290 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Instrument :
BNA_F
ClientSampled :

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

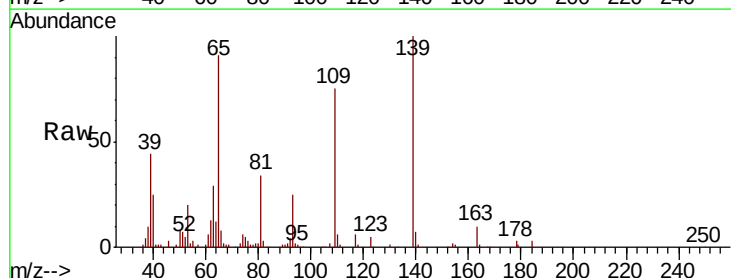


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

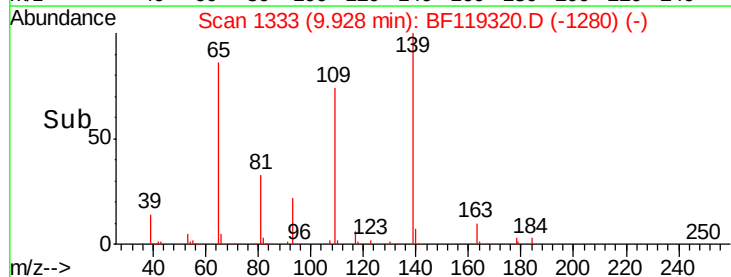
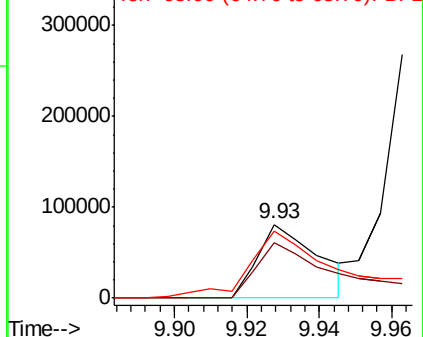


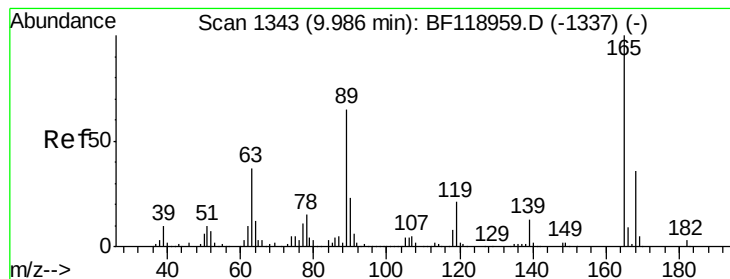
#56
4-Nitrophenol
Concen: 38.259 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

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 :

Tot Ion:165 Resp: 172031

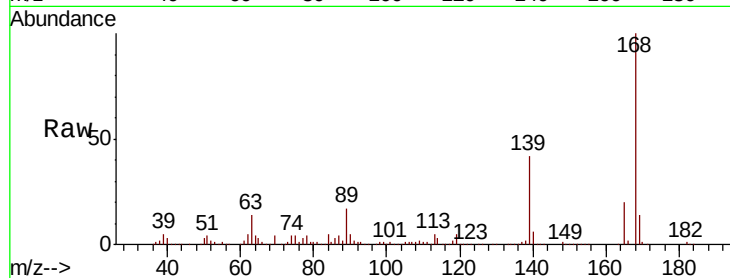
Ion Ratio Lower Upper

165 100

63 68.8 42.3 63.5#

89 86.5 60.2 90.4

182 3.0 2.3 3.5

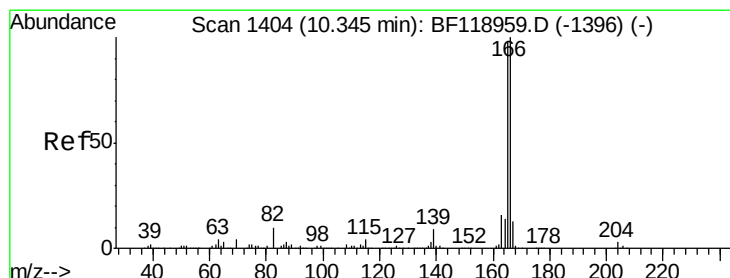
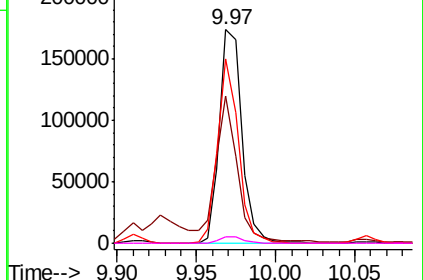
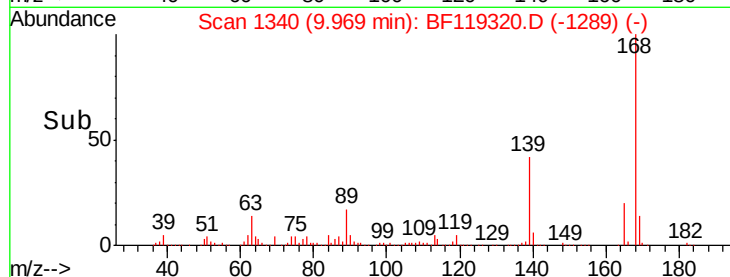


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 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

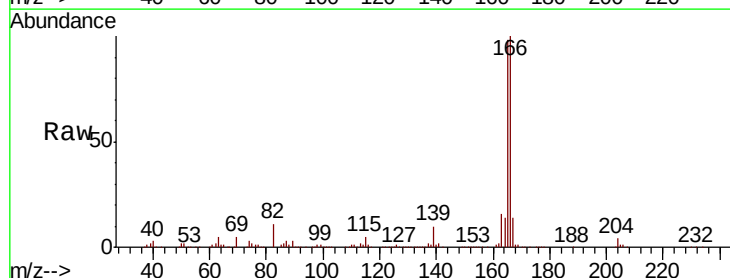
Tgt Ion:166 Resp: 590643

Ion Ratio Lower Upper

166 100

165 98.3 78.5 117.7

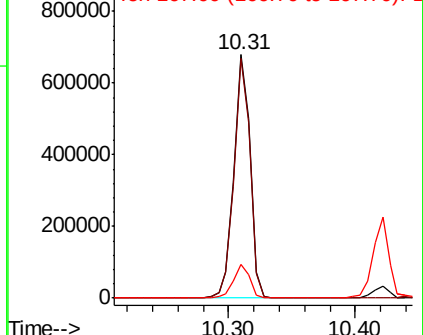
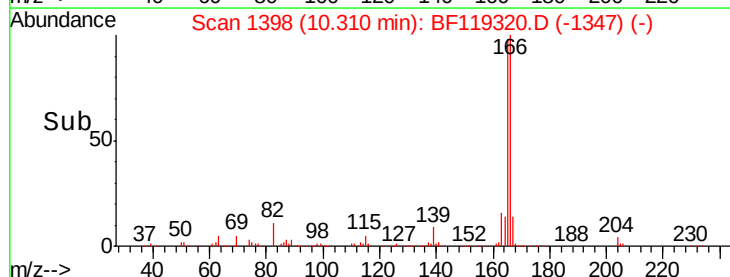
167 13.7 11.0 16.4

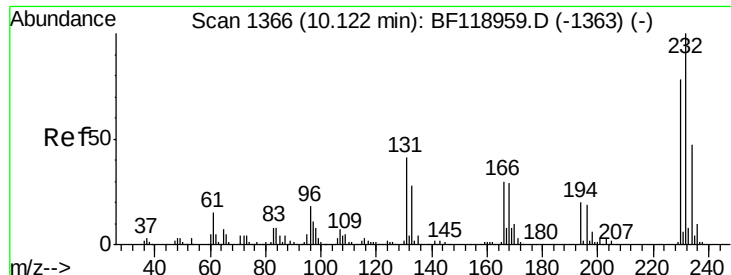


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

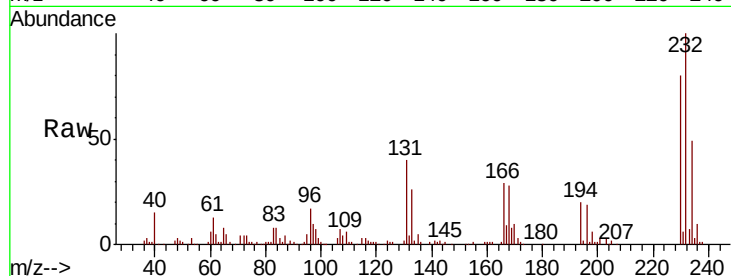




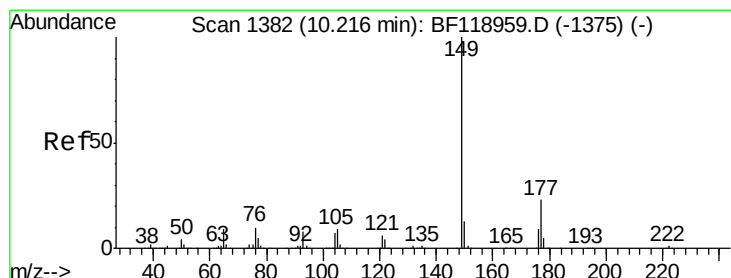
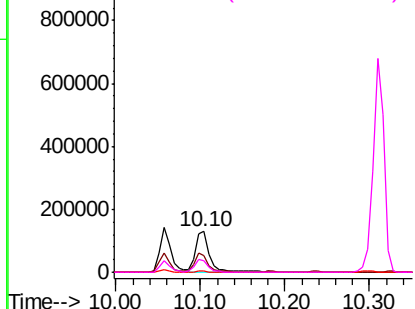
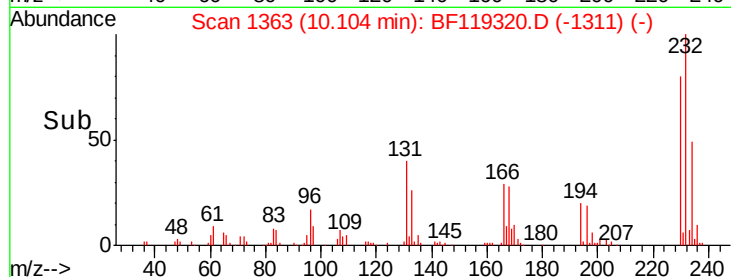
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.194 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	147030
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

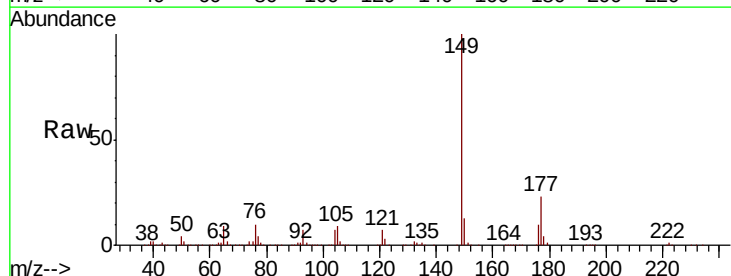


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

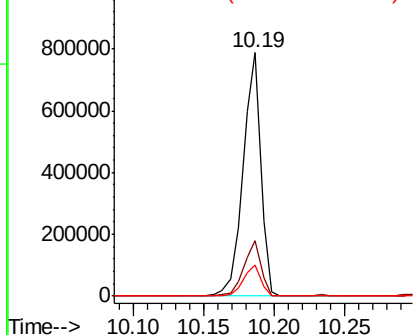
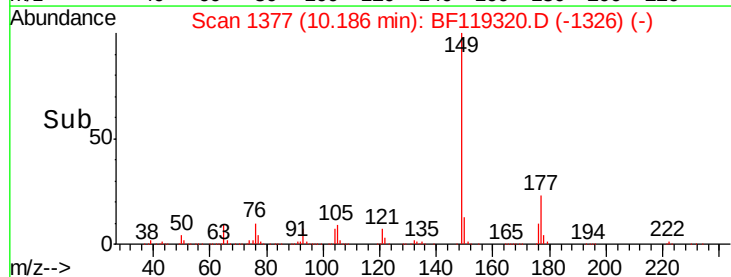


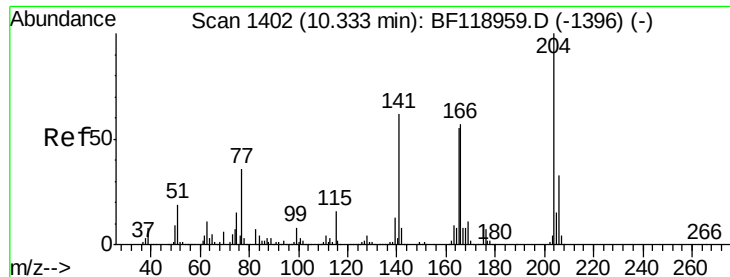
#60
 Diethylphthalate
 Concen: 44.210 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

Tgt Ion:	149	Resp:	686488
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

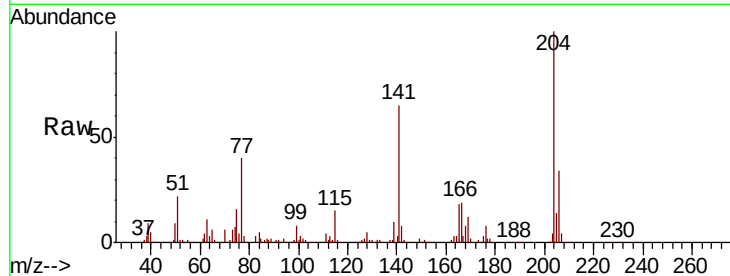




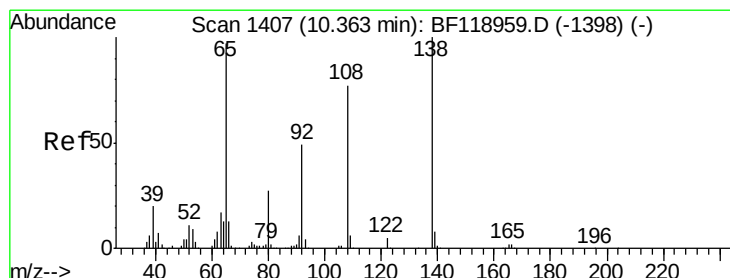
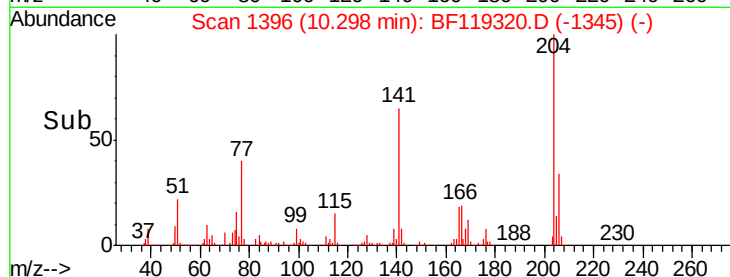
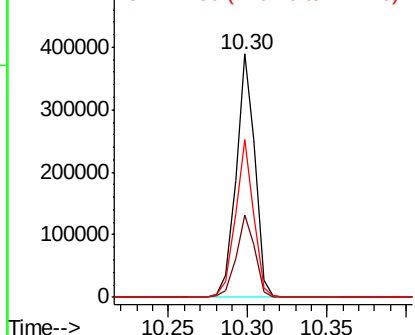
#61
4-Chlorophenyl-phenylether
Concen: 42.547 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Instrument :
BNA_F
ClientSampled :

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

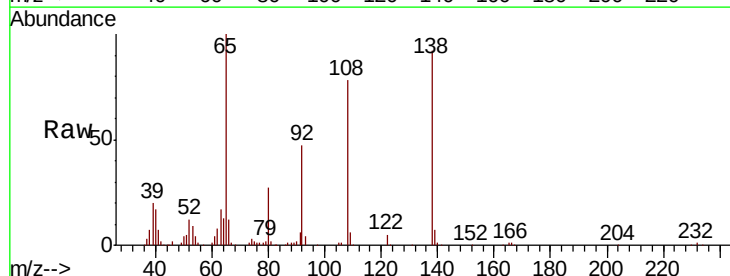


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

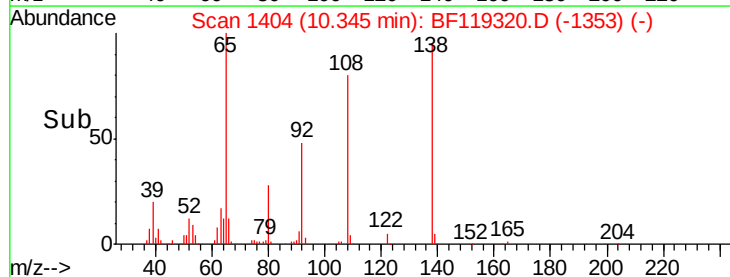
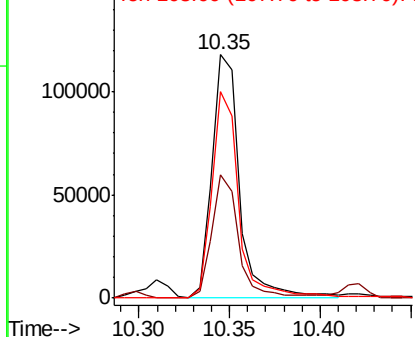


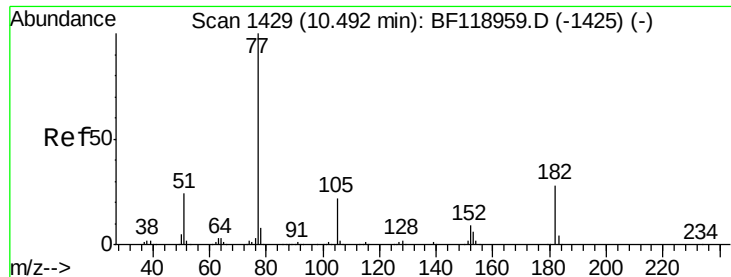
#62
4-Nitroaniline
Concen: 30.248 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

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



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

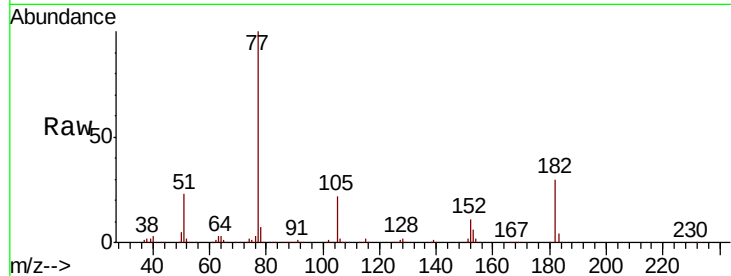




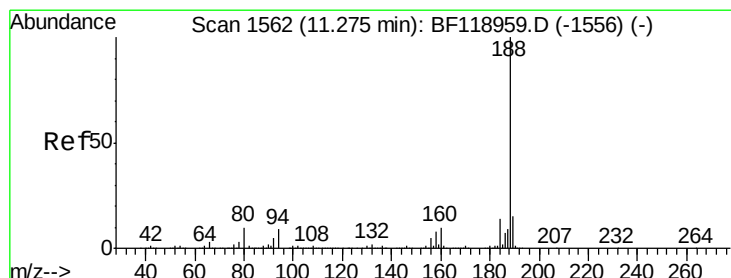
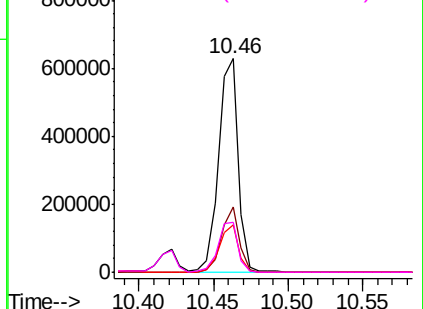
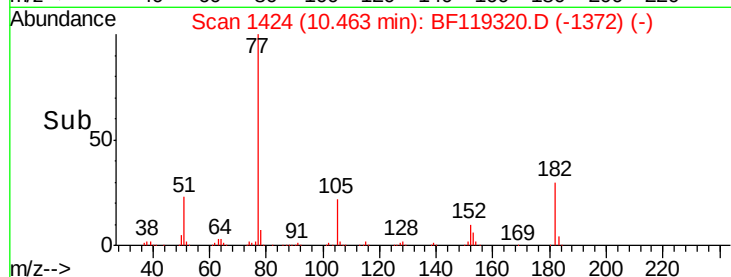
#63
Azobenzene
Concen: 42.882 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Instrument :
BNA_F
ClientSampled :

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

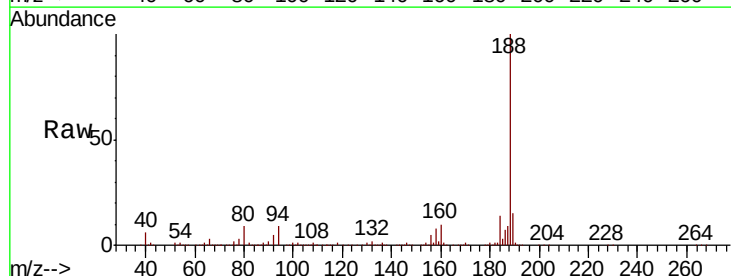


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

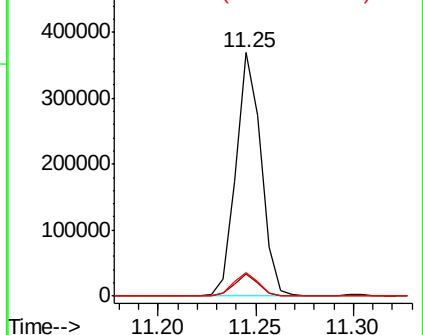
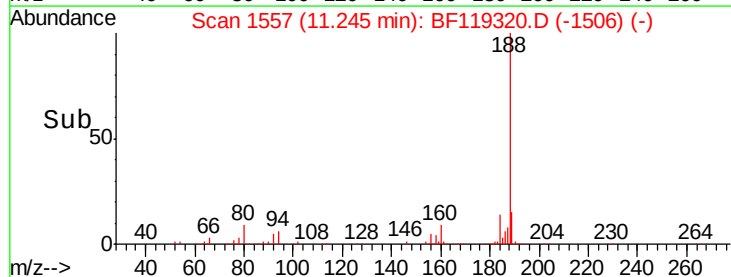


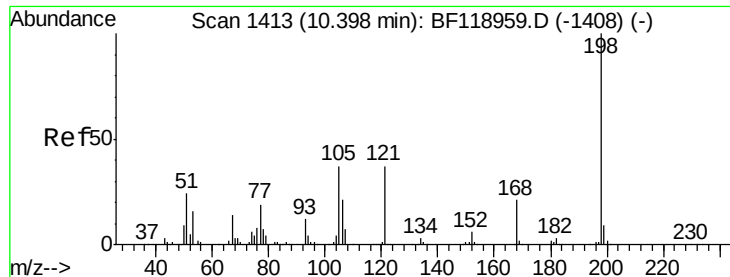
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

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): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 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 :

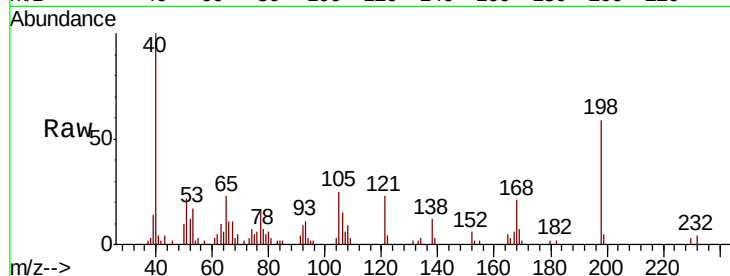
Tot Ion:198 Resp: 12731

Ion Ratio Lower Upper

198 100

51 36.9 14.2 54.2

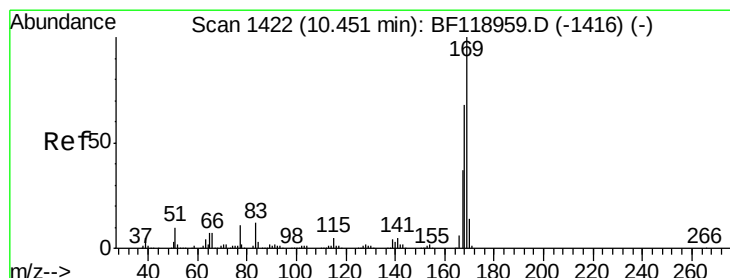
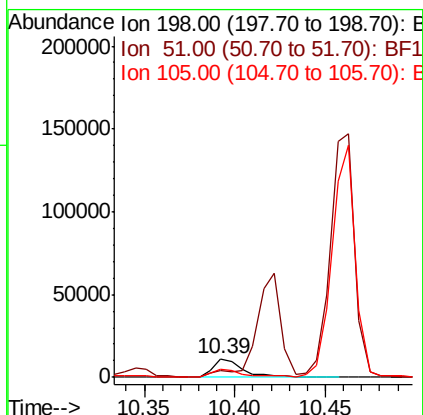
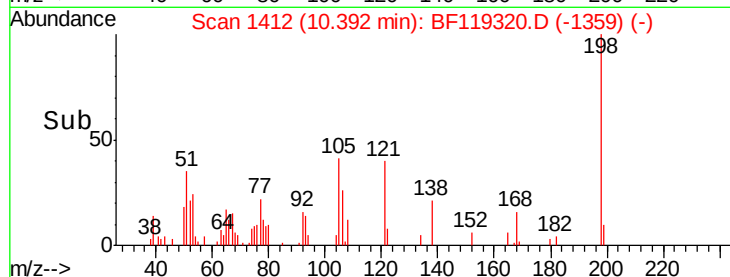
105 42.3 22.7 62.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 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

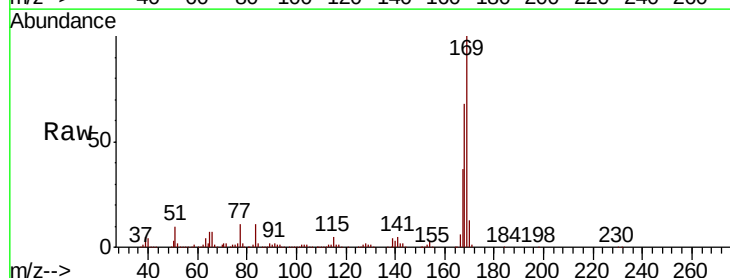
Tgt Ion:169 Resp: 529339

Ion Ratio Lower Upper

169 100

168 67.5 54.1 81.1

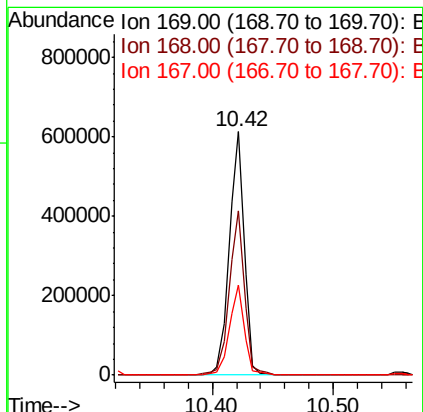
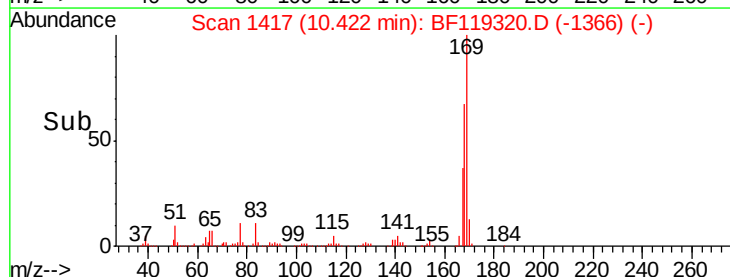
167 36.8 29.4 44.0

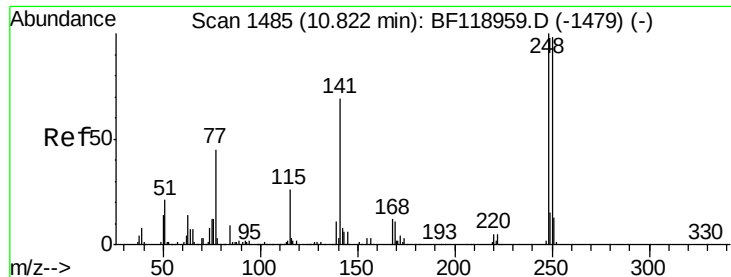


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

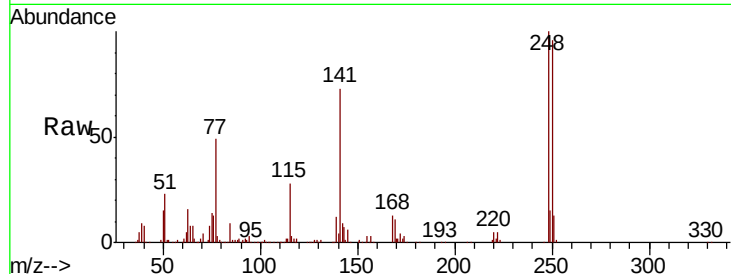




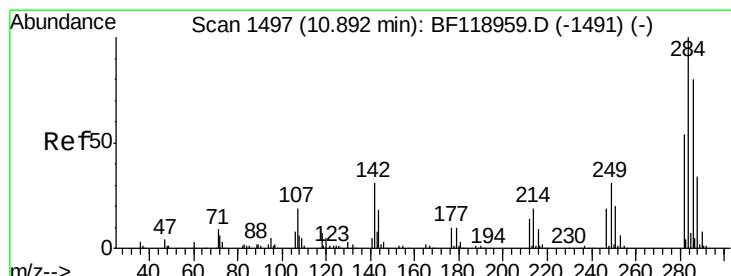
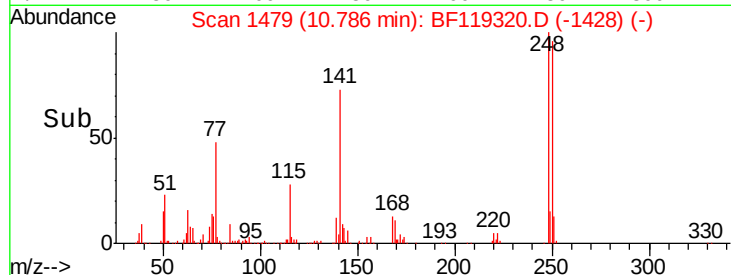
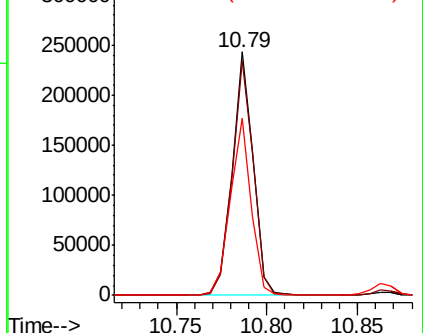
#67
4-Bromophenyl-phenylether
Concen: 45.588 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Instrument :
BNA_F
ClientSampleId :

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

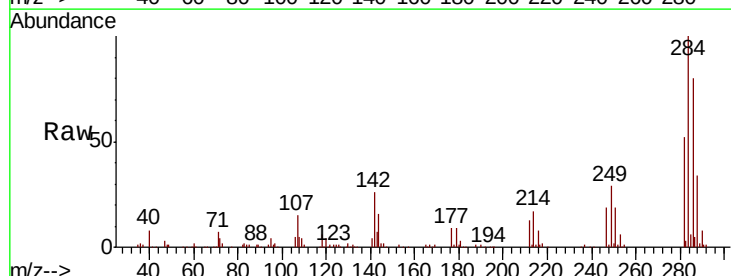


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

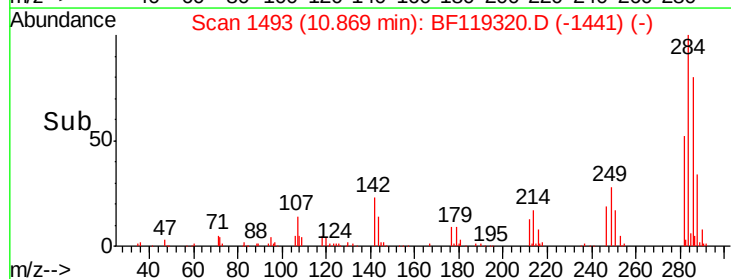
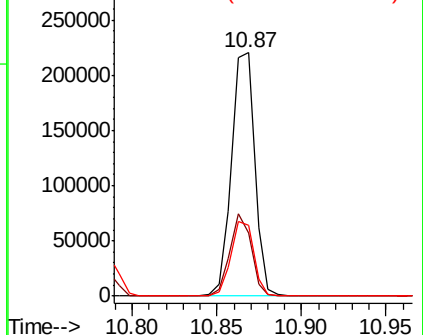


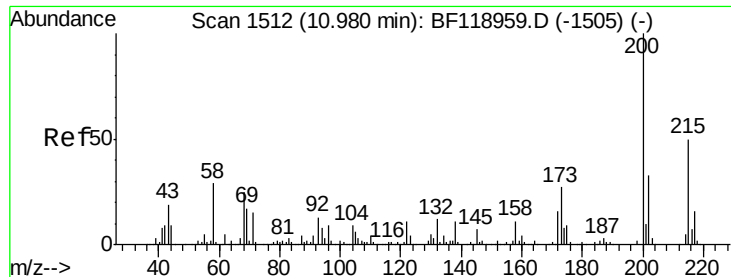
#68
Hexachlorobenzene
Concen: 42.495 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

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



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

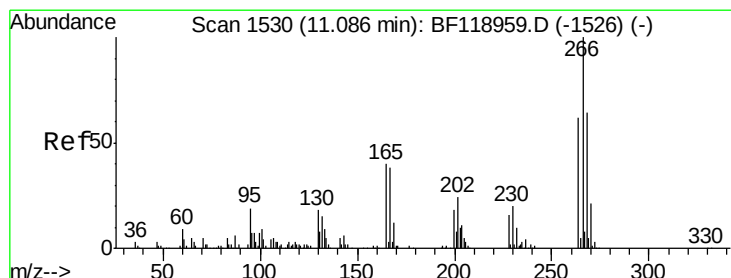
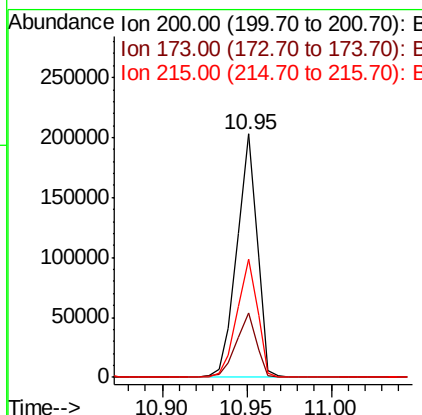
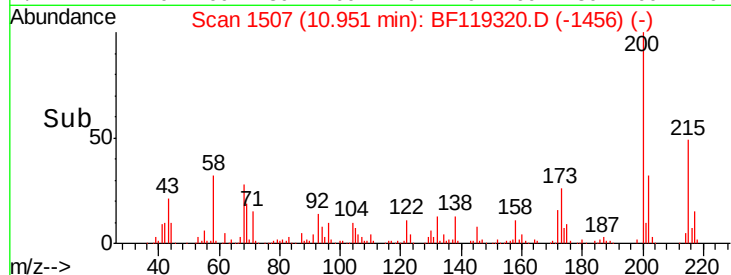
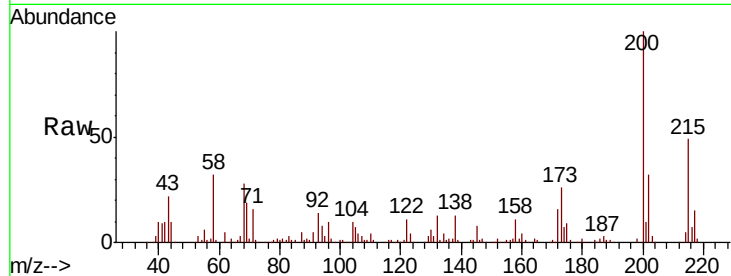




#69
Atrazine
Concen: 45.105 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

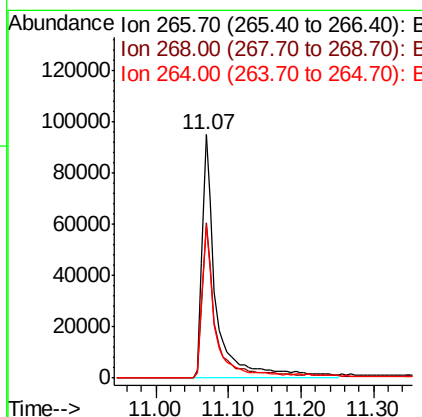
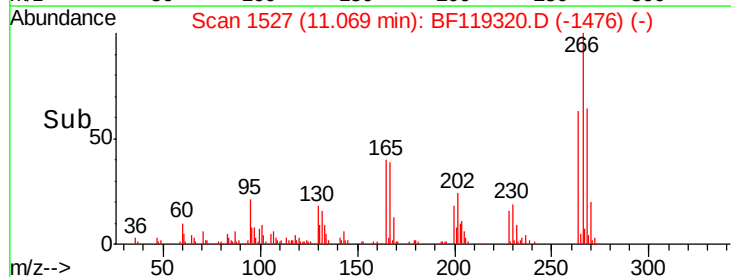
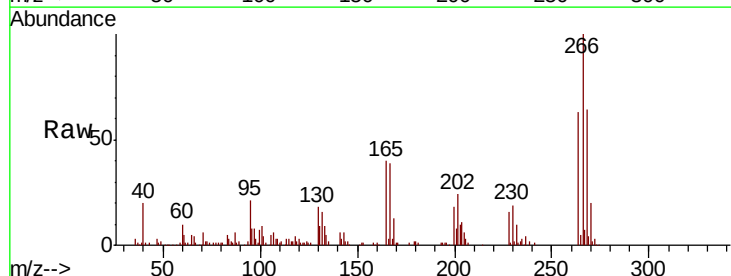
Instrument :
BNA_F
ClientSampleId :

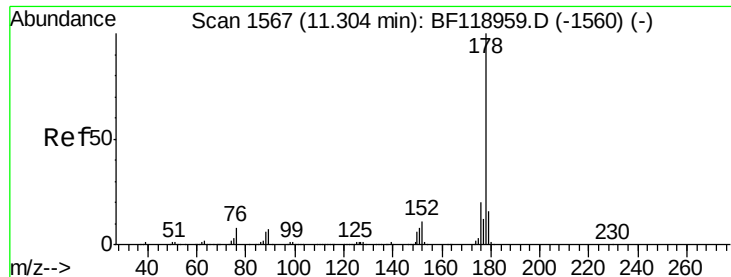
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.4	46.4
215	48.5	27.4	67.4



#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 :

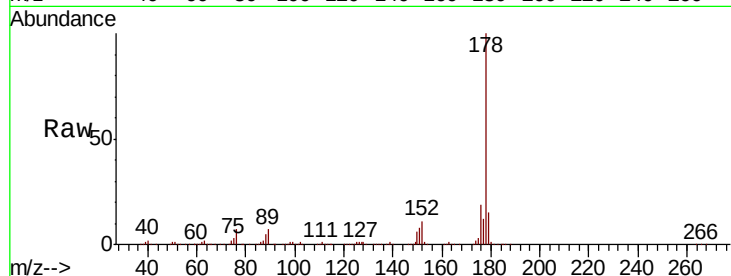
Tot Ion:178 Resp: 794203

Ion Ratio Lower Upper

178 100

176 19.3 16.5 24.7

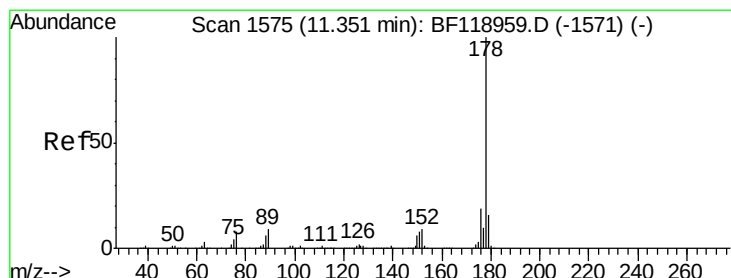
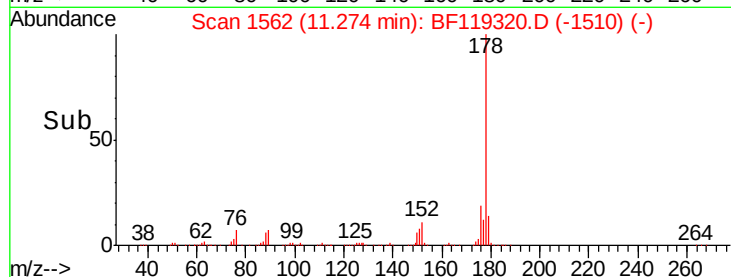
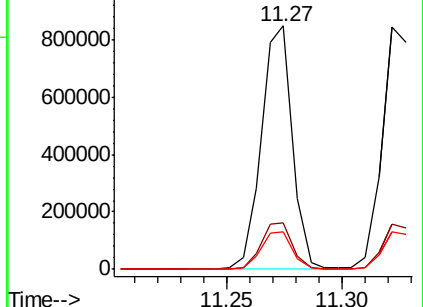
179 15.2 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 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

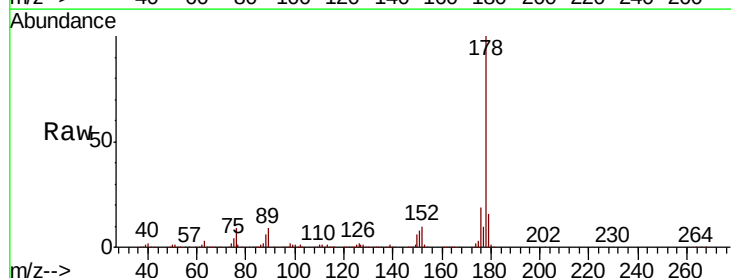
Tgt Ion:178 Resp: 798610

Ion Ratio Lower Upper

178 100

176 18.8 16.0 24.0

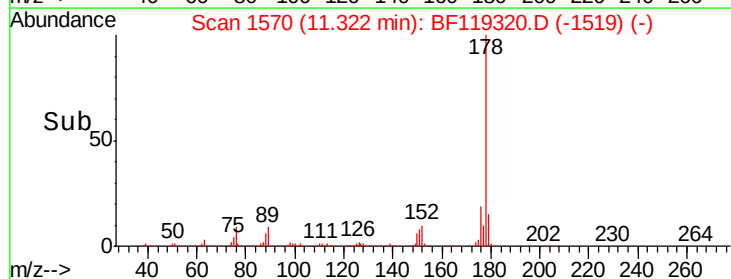
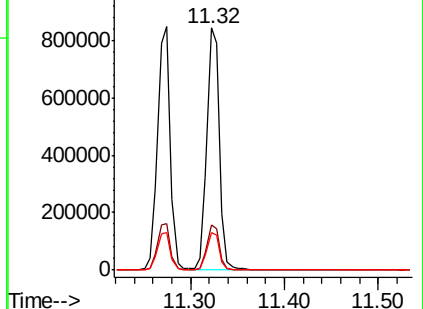
179 15.6 13.1 19.7

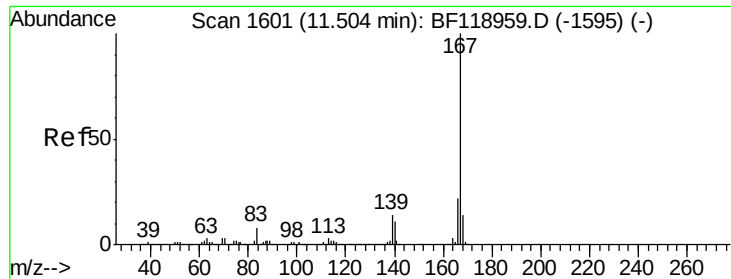


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

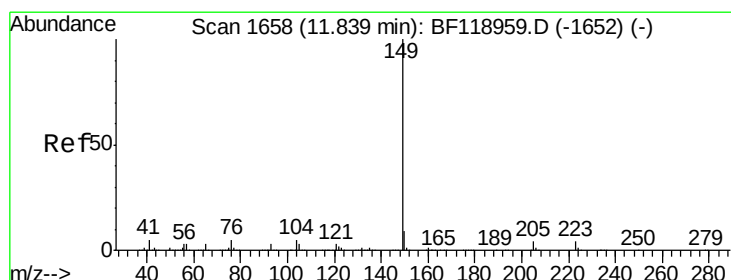
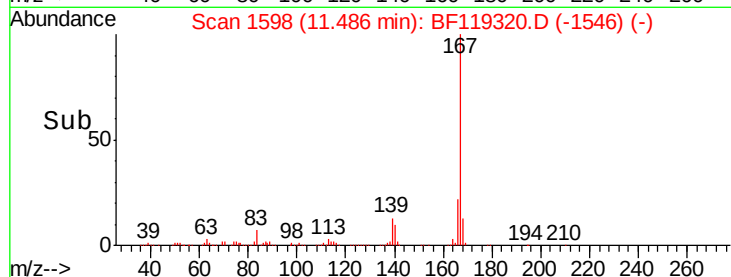
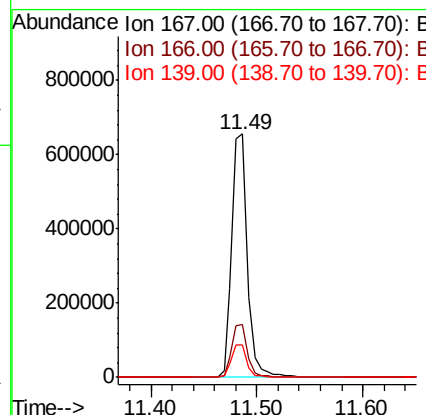
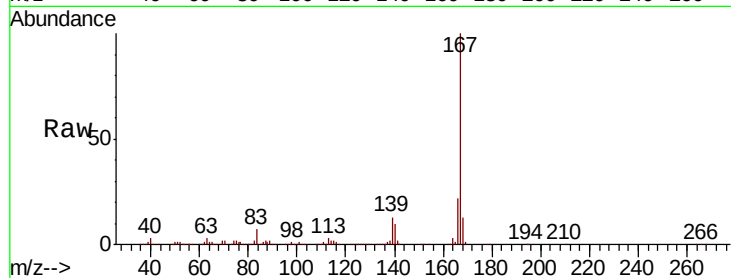




#73
 Carbazole
 Concen: 41.778 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

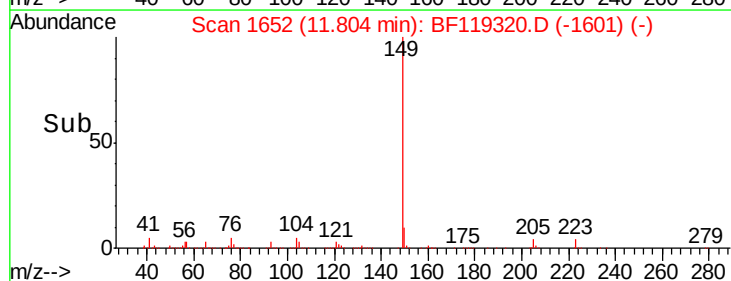
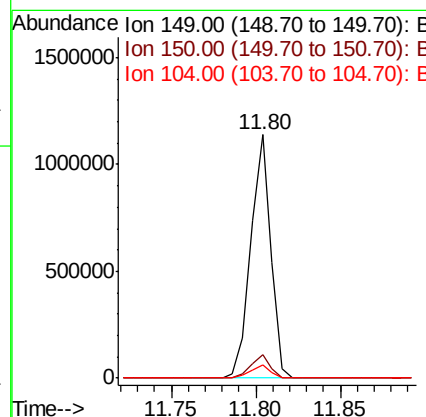
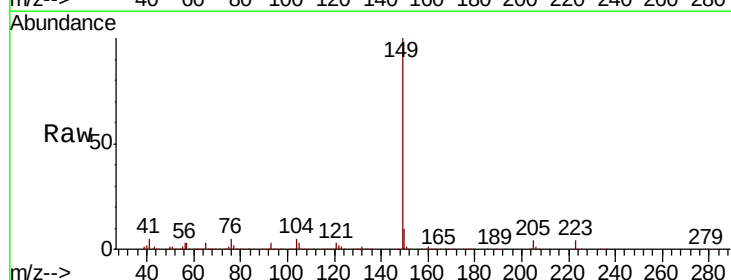
Instrument :
 BNA_F
 ClientSampleId :

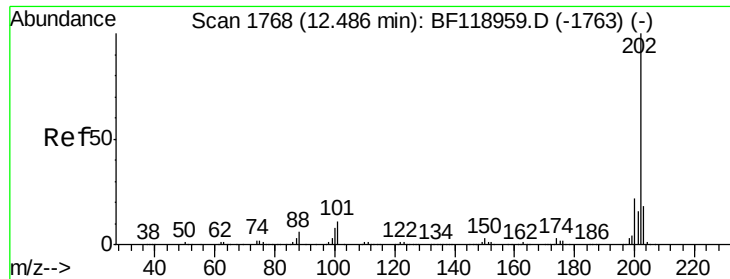
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.4
139	13.2	11.7	17.5



#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 :

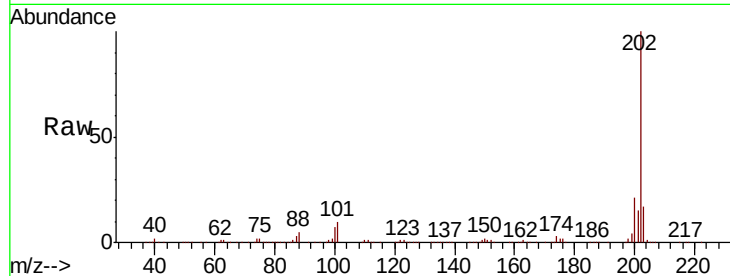
Tot Ion:202 Resp: 800626

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.3

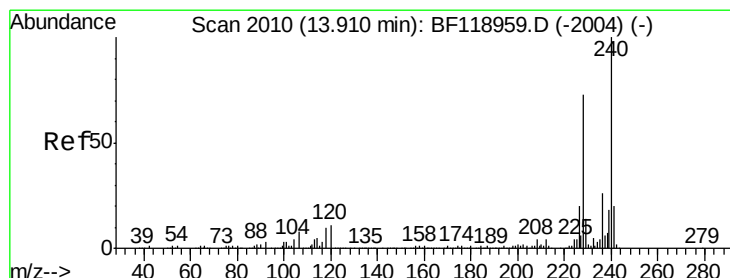
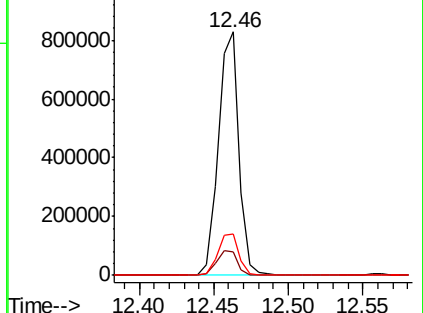
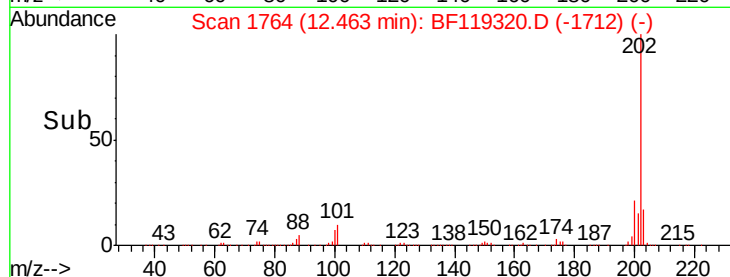
203 17.2 0.0 38.4



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

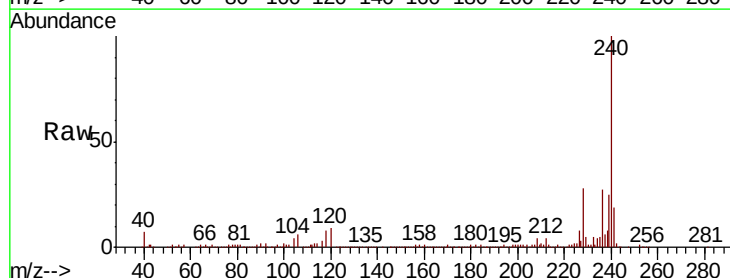
Tgt Ion:240 Resp: 224825

Ion Ratio Lower Upper

240 100

120 8.6 8.4 12.6

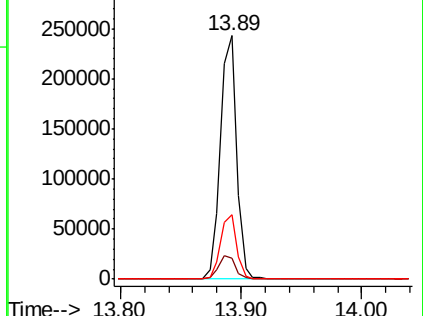
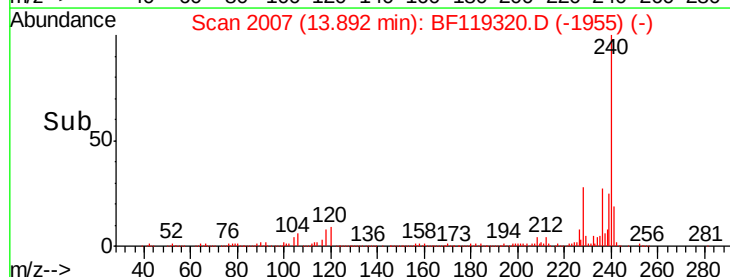
236 26.6 21.0 31.4

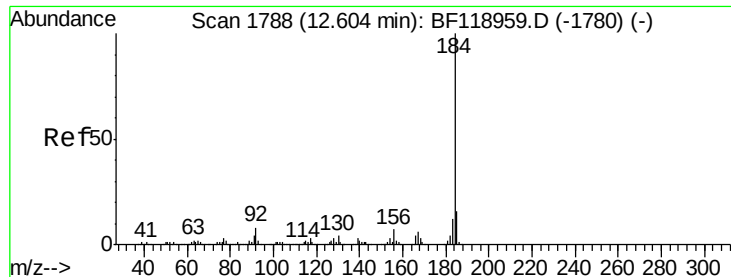


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

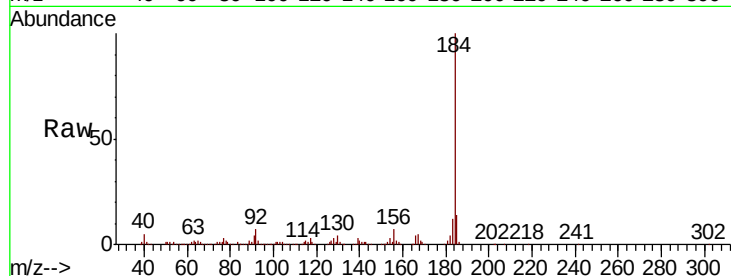
Tot Ion:184 Resp: 461665

Ion Ratio Lower Upper

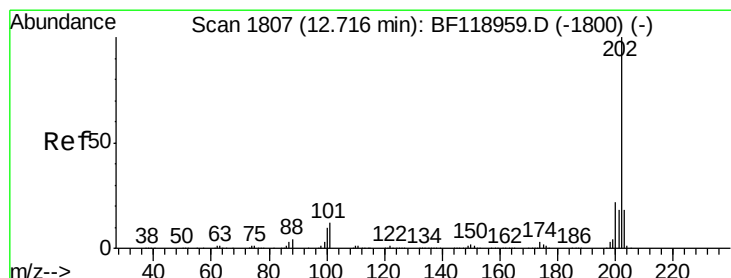
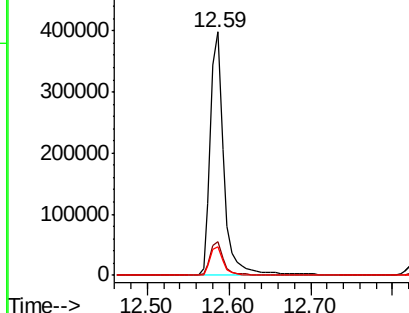
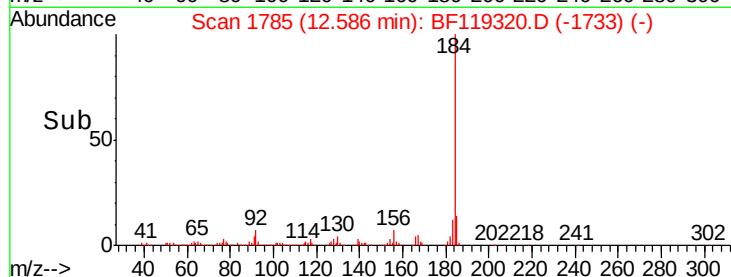
184 100

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

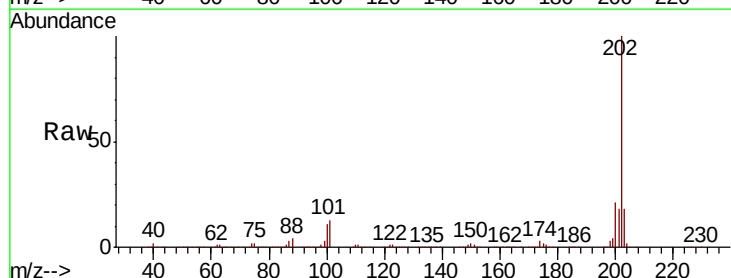
Tgt Ion:202 Resp: 790904

Ion Ratio Lower Upper

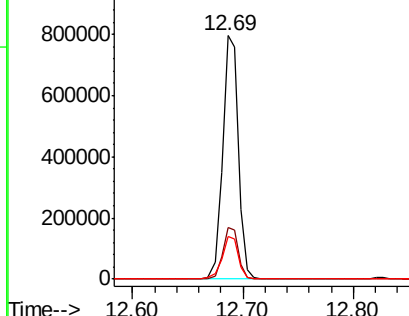
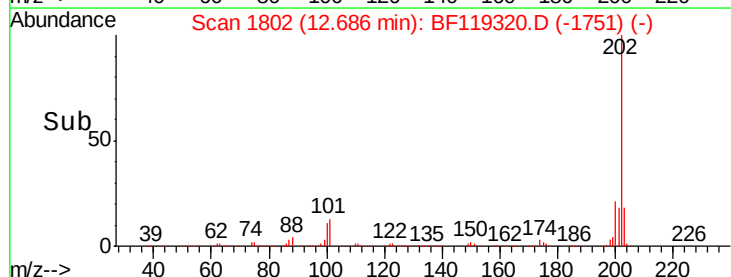
202 100

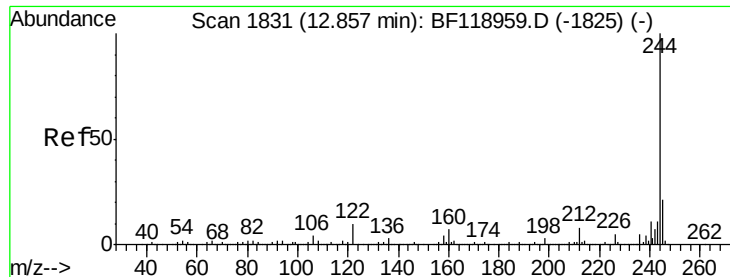
200 21.1 18.0 27.0

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

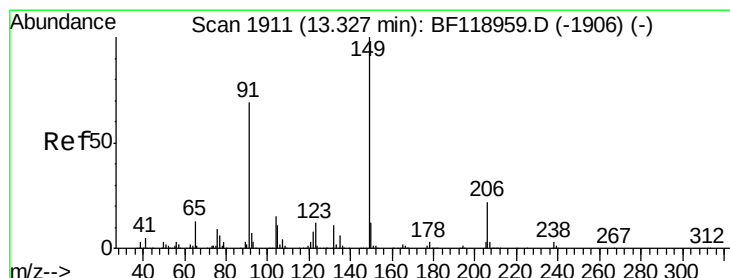
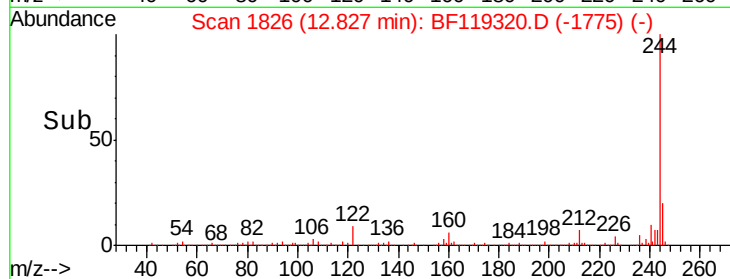
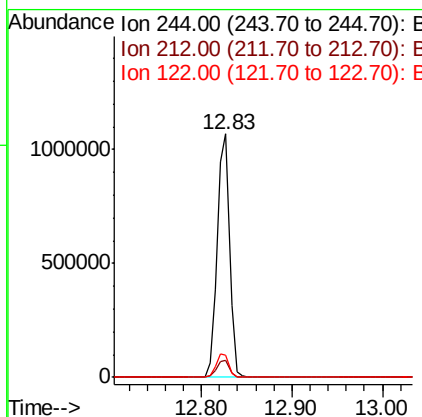
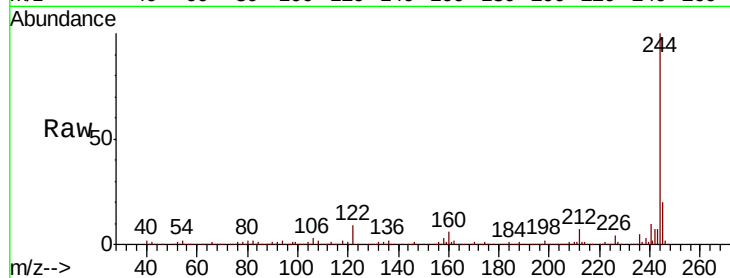




#79
 Terphenyl-d14
 Concen: 76.568 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119320.D
 Acq: 10 Mar 2020 16:51

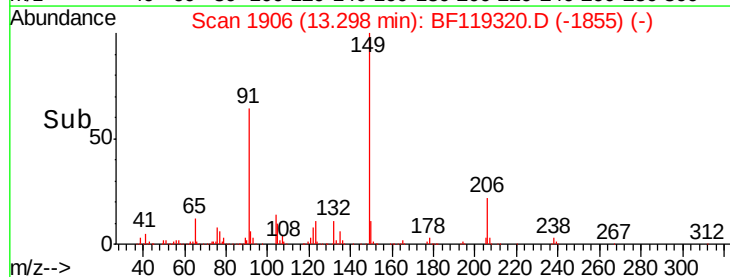
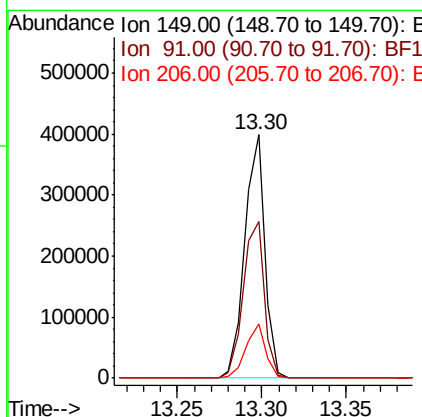
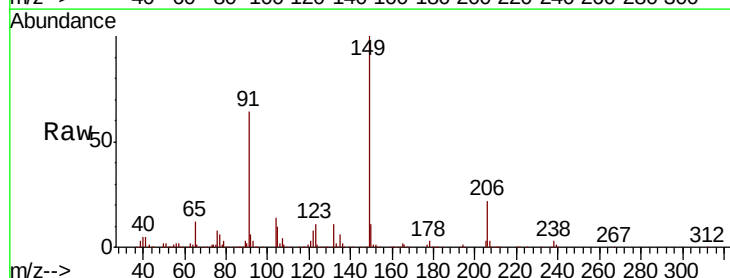
Instrument :
 BNA_F
 ClientSampled :

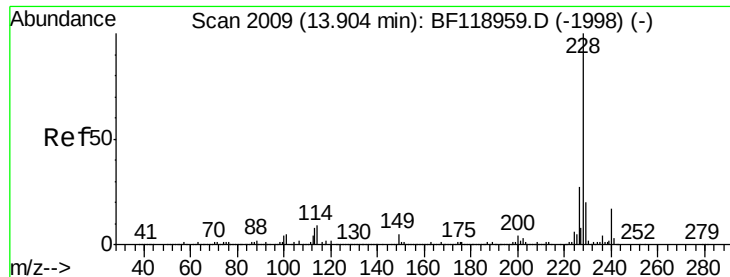
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	10.0
122	8.9	8.2	12.2



#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	Ratio	Lower	Upper
149	100		
91	64.1	52.3	78.5
206	22.4	18.5	27.7





#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

ClientSampled :

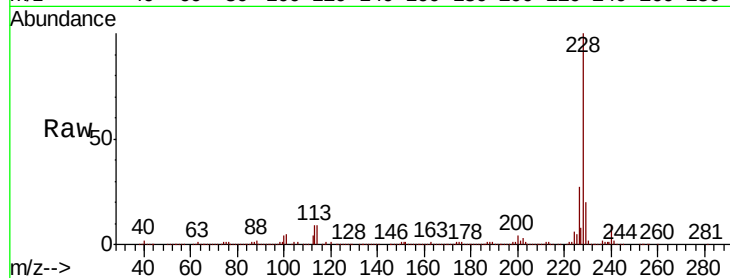
Tot Ion:228 Resp: 707516

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

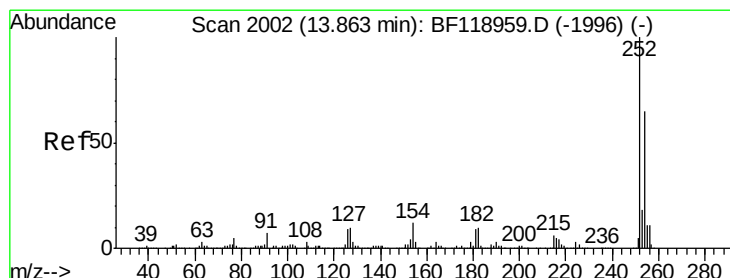
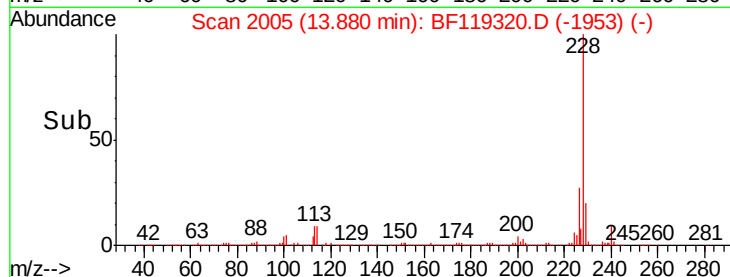
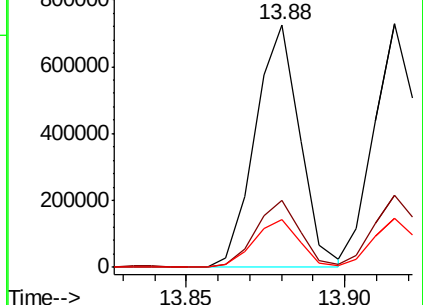
229 19.8 16.6 24.8



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

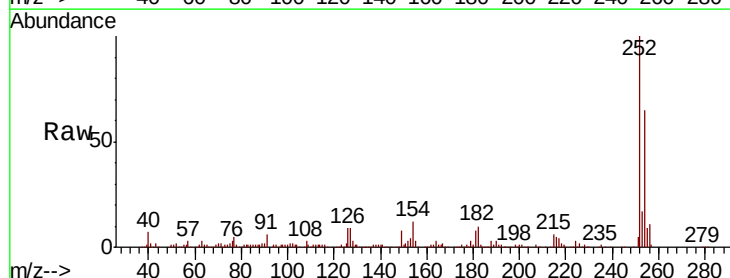
Tgt Ion:252 Resp: 259755

Ion Ratio Lower Upper

252 100

254 65.1 51.6 77.4

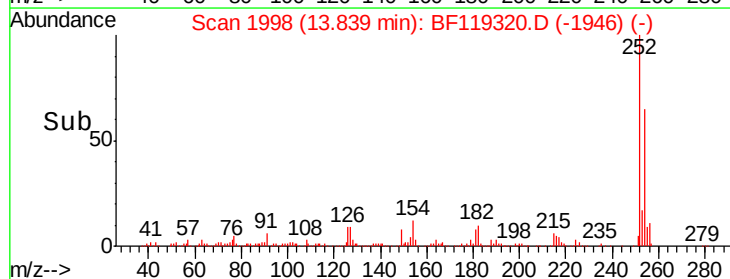
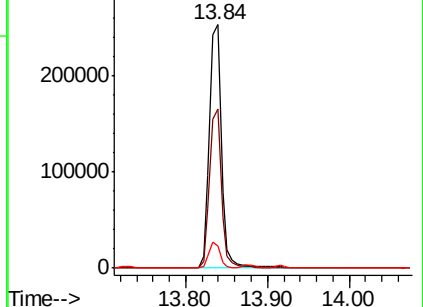
126 8.9 7.4 11.0

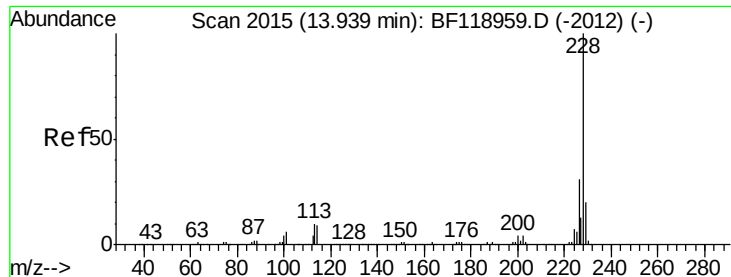


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

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

ClientSampled :

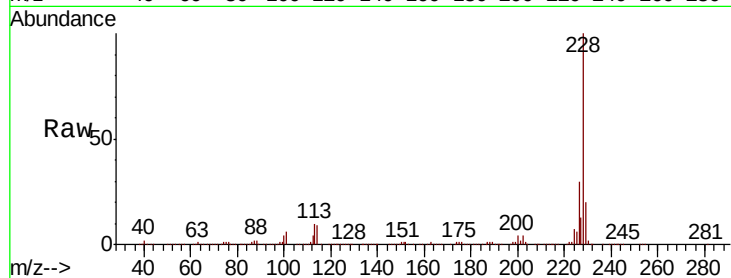
Tot Ion:228 Resp: 669160

Ion Ratio Lower Upper

228 100

226 29.8 25.1 37.7

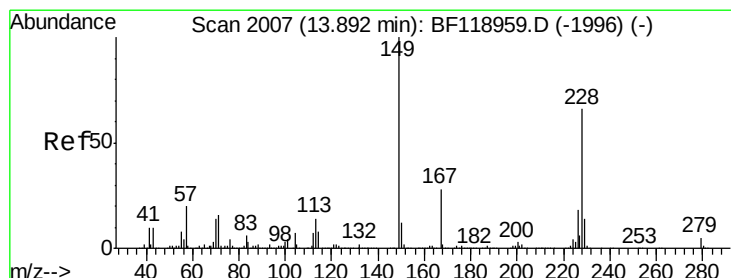
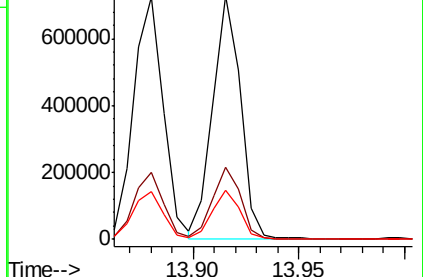
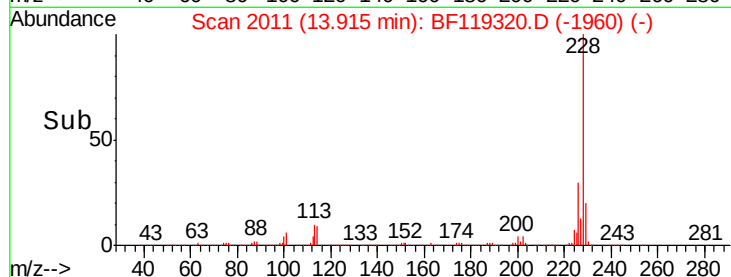
229 20.0 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 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

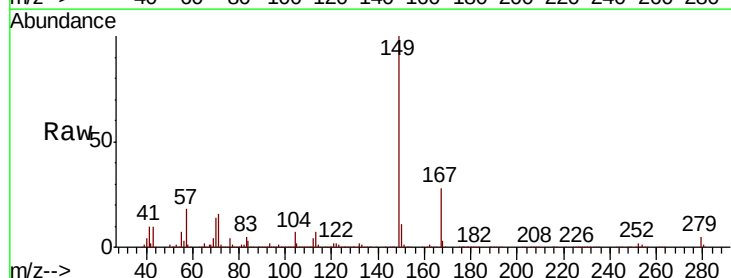
Tgt Ion:149 Resp: 484953

Ion Ratio Lower Upper

149 100

167 27.9 22.8 34.2

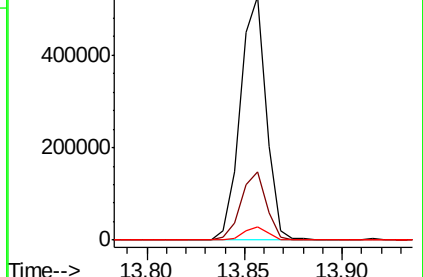
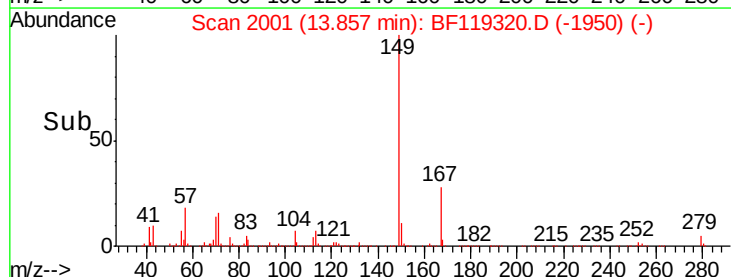
279 5.5 4.6 6.8

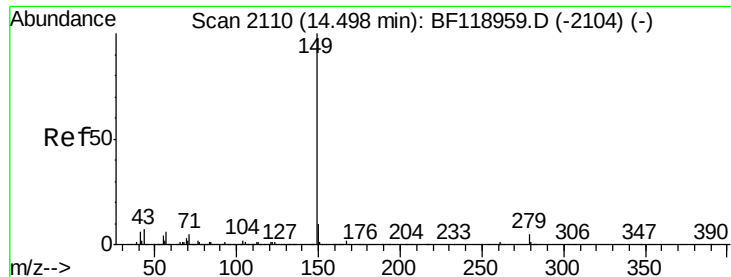


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 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

ClientSampled :

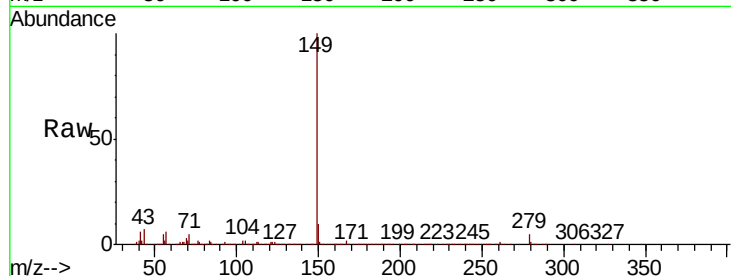
Tot Ion:149 Resp: 788128

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

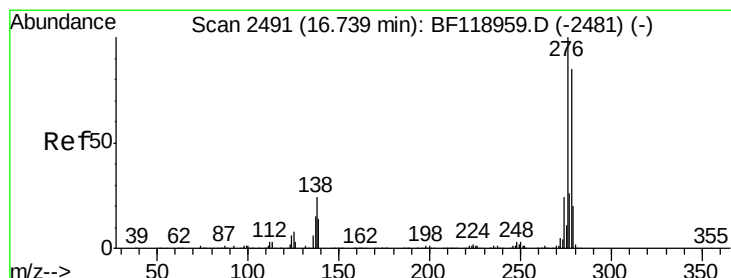
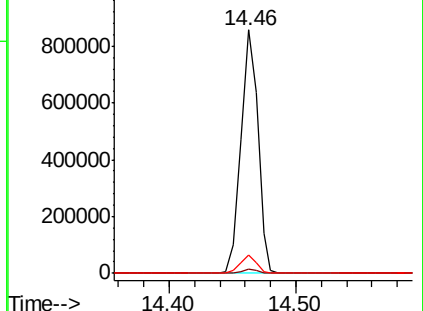
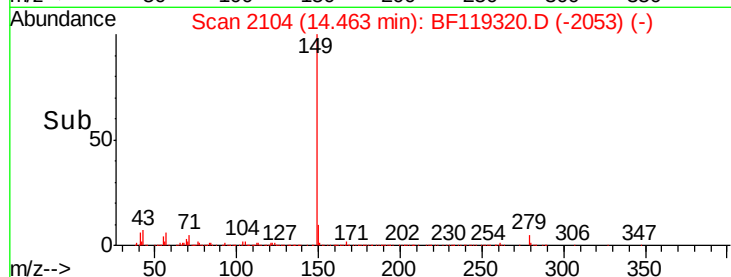
43 6.6 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 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

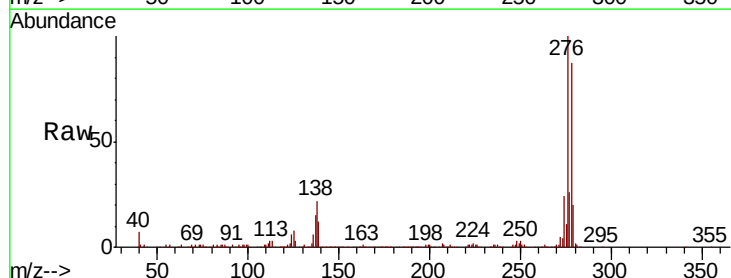
Tgt Ion:276 Resp: 525548

Ion Ratio Lower Upper

276 100

138 21.9 17.4 26.0

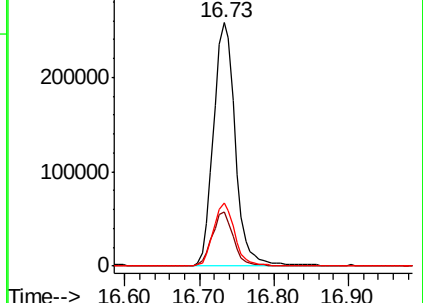
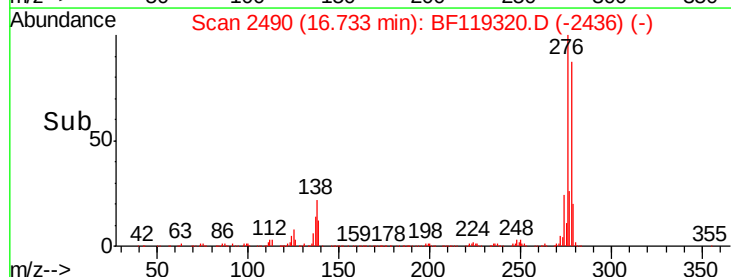
277 25.3 20.3 30.5

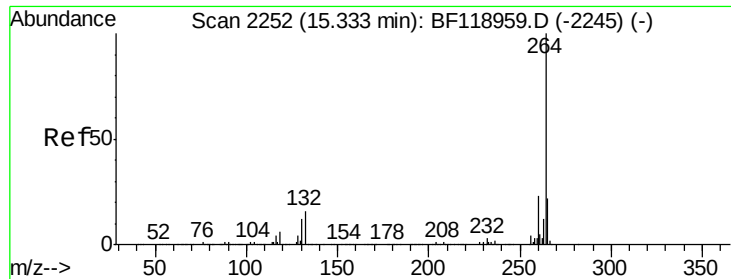


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

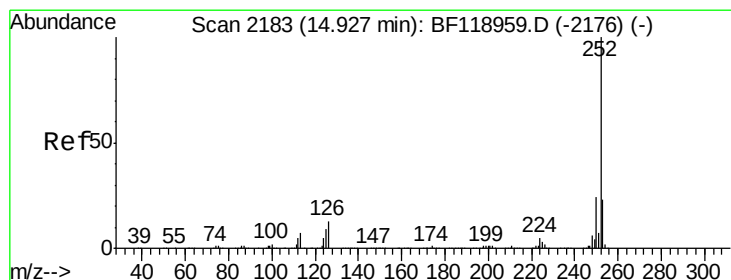
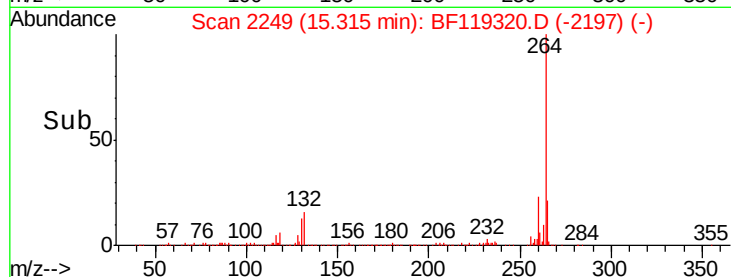
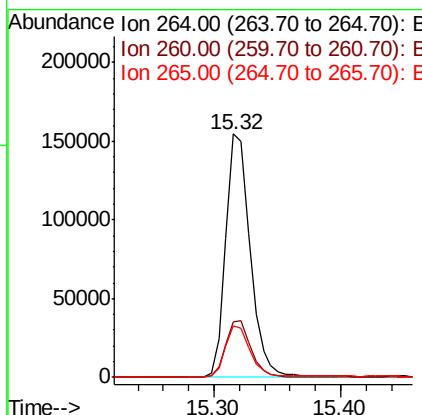
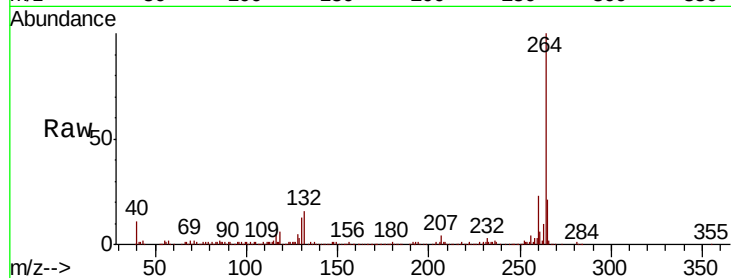




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

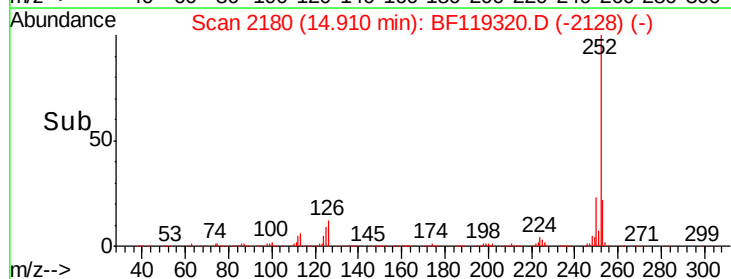
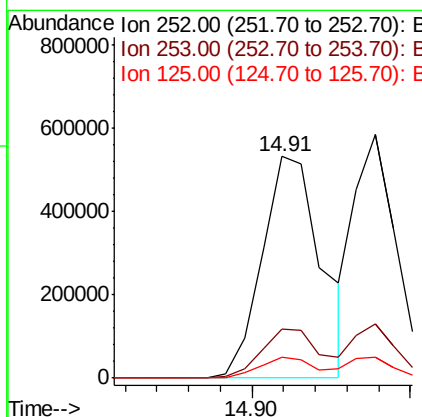
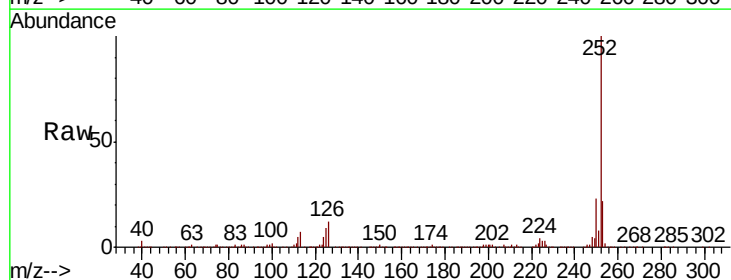
Instrument :
BNA_F
ClientSampleId :

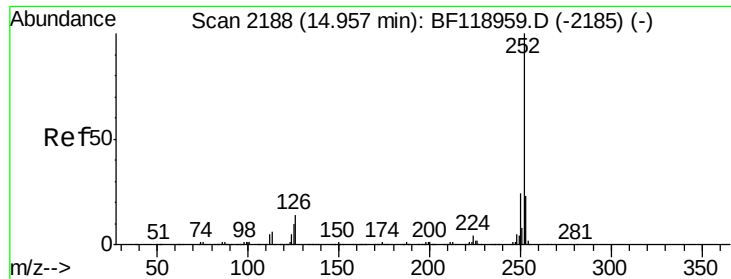
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.2
265	21.2	17.7	26.5



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

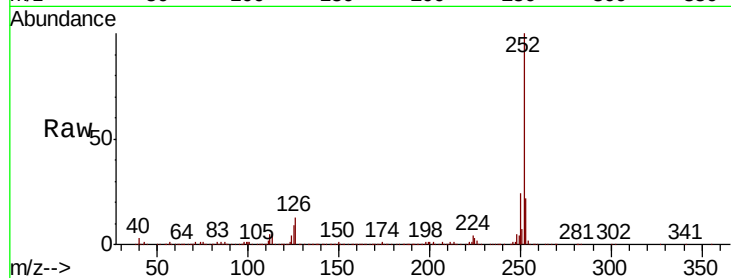




#89
Benzo(k)fluoranthene
Concen: 43.210 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Instrument :
BNA_F
ClientSampleId :

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

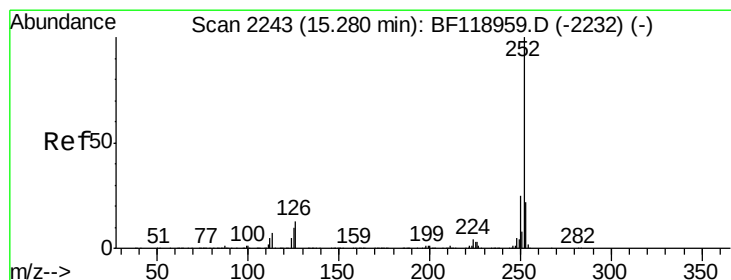
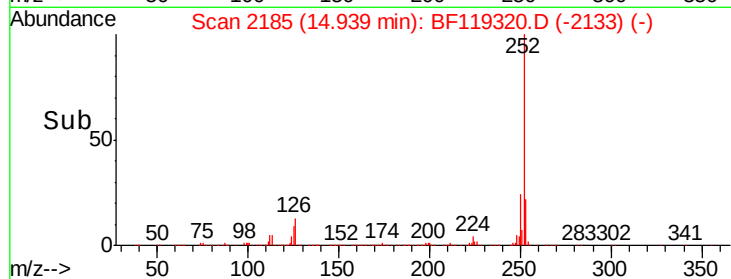
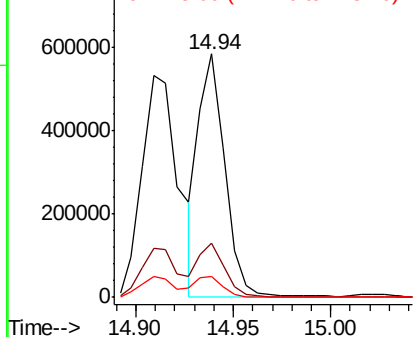


Abundance

Ion 252.00 (251.70 to 252.70): E

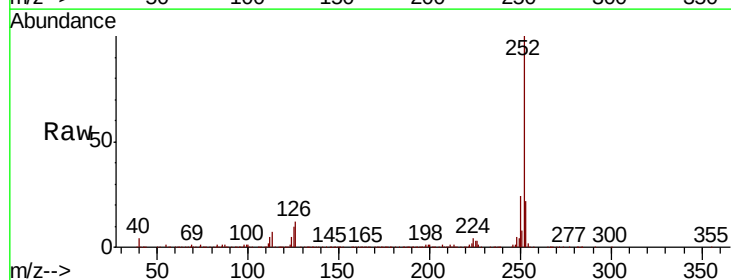
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 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	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	9.5	8.6	12.8

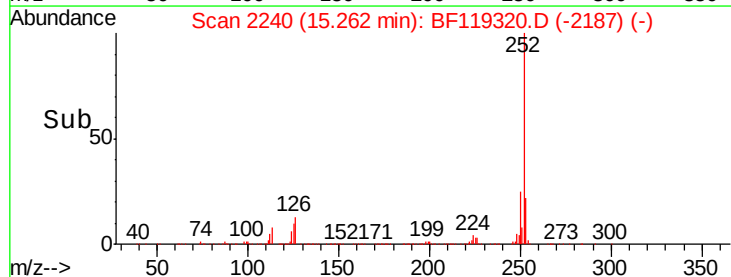
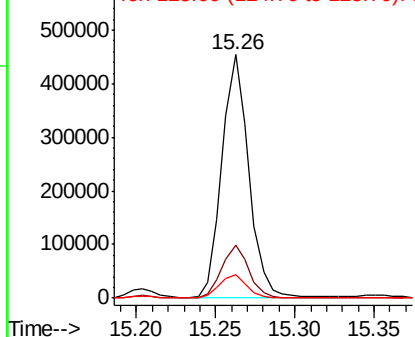


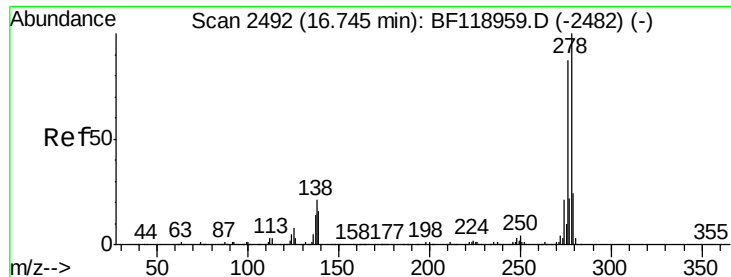
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

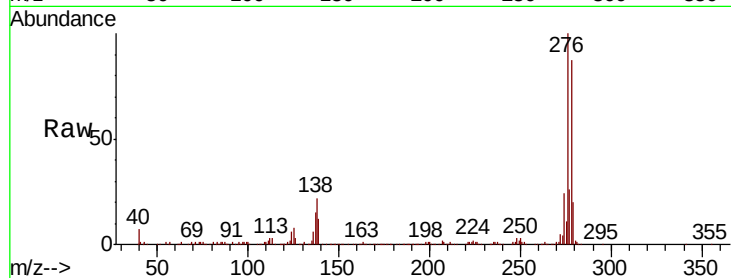




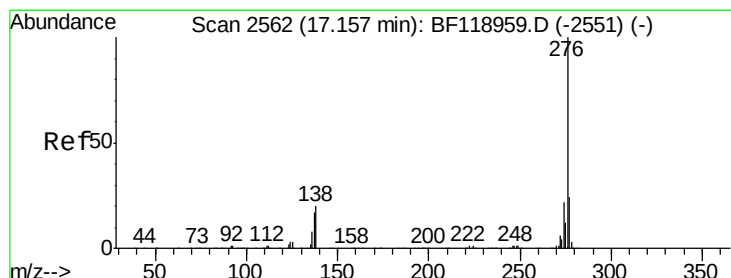
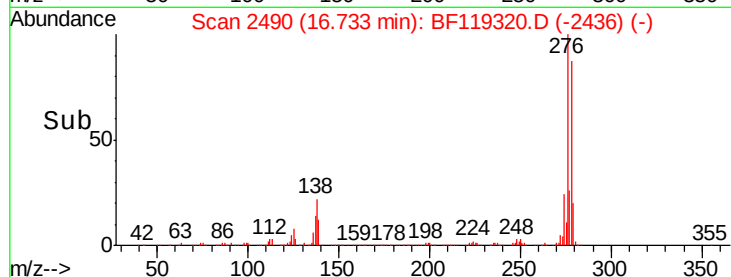
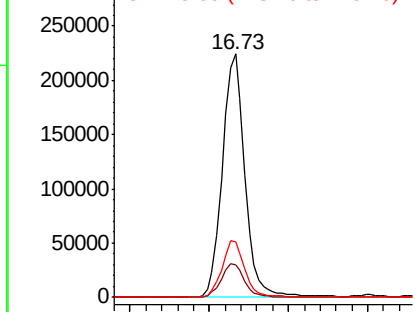
#91
Dibenzo(a,h)anthracene
Concen: 40.188 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF119320.D
Acq: 10 Mar 2020 16:51

Instrument :
BNA_F
ClientSampleId :

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

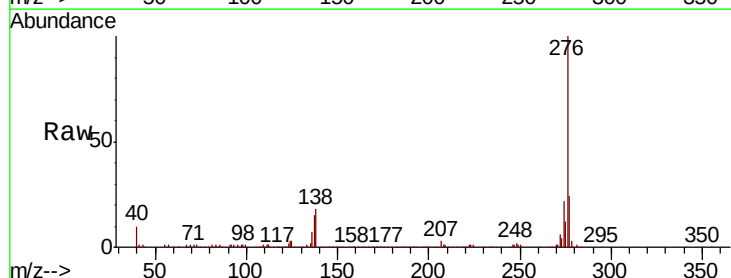


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#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

