

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119280.D
 Acq On : 9 Mar 2020 11:04
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 15:33:04 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	114394	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	429074	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	240219	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	442504	20.00	ng	0.00
76) Chrysene-d12	13.89	240	329177	20.00	ng	0.00
87) Perylene-d12	15.31	264	310502	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	568911	83.11	ng	0.00
7) Phenol-d6	6.39	99	684117	82.18	ng	0.00
23) Nitrobenzene-d5	7.30	82	666321	81.99	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	246744	78.52	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1294547	79.39	ng	0.00
79) Terphenyl-d14	12.83	244	1596596	83.51	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.39	88	117004	38.391	ng	99
3) Pyridine	3.11	79	321268	38.599	ng	100
4) n-Nitrosodimethylamine	3.06	42	102781	40.764	ng	96
6) Aniline	6.39	93	409717	39.886	ng	# 76
8) 2-Chlorophenol	6.52	128	309226	41.860	ng	99
9) Benzaldehyde	6.28	77	188576	33.904	ng	98
10) Phenol	6.40	94	374767	41.637	ng	99
11) bis(2-Chloroethyl)ether	6.46	93	279779	40.625	ng	97
12) 1,3-Dichlorobenzene	6.67	146	362682	40.963	ng	99
13) 1,4-Dichlorobenzene	6.75	146	369830	41.741	ng	98
14) 1,2-Dichlorobenzene	6.90	146	338243	41.860	ng	99
15) Benzyl Alcohol	6.88	79	257578	42.810	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	244547	40.992	ng	# 44
17) 2-Methylphenol	7.00	107	243001	40.573	ng	94
18) Hexachloroethane	7.23	117	131974	41.634	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	214085	44.133	ng	98
20) 3+4-Methylphenols	7.16	107	320068	43.620	ng	# 89
22) Acetophenone	7.14	105	420649	42.371	ng	# 95
24) Nitrobenzene	7.32	77	332716	41.402	ng	98
25) Isophorone	7.55	82	570958	40.456	ng	97
26) 2-Nitrophenol	7.63	139	171267	40.223	ng	96
27) 2,4-Dimethylphenol	7.67	122	225997	39.108	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	365722	39.812	ng	99
29) 2,4-Dichlorophenol	7.88	162	273941	40.267	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	316646	39.257	ng	98
31) Naphthalene	8.03	128	900495	40.467	ng	99
32) Benzoic acid	7.84	122	135206	34.283	ng	96
33) 4-Chloroaniline	8.09	127	383719	40.092	ng	99
34) Hexachlorobutadiene	8.15	225	200718	39.950	ng	99
35) Caprolactam	8.47	113	58860	28.099	ng	92
36) 4-Chloro-3-methylphenol	8.59	107	284567	41.331	ng	96
37) 2-Methylnaphthalene	8.72	142	606689	40.513	ng	98
38) 1-Methylnaphthalene	8.82	142	572546	40.654	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	319563	39.456	ng	99

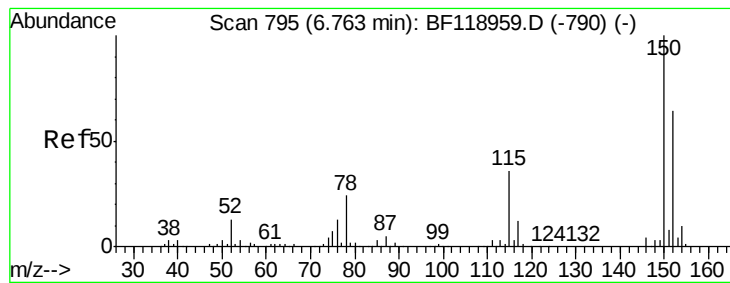
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119280.D
 Acq On : 9 Mar 2020 11:04
 Operator : CG/JU
 Sample : SSTDC0040
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Quant Time: Mar 09 15:33:04 2020
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 Quant Title : ASP BNA 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	80594	33.522	nq	100
43) 2,4,6-Trichlorophenol	9.01	196	192181	37.575	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	191236	35.632	nq	98
46) 1,1'-Biphenyl	9.19	154	783974	40.381	nq	98
47) 2-Chloronaphthalene	9.21	162	619211	39.578	nq	99
48) 2-Nitroaniline	9.32	65	182112	41.733	nq	97
49) Acenaphthylene	9.62	152	899852	39.823	nq	99
50) Dimethylphthalate	9.49	163	738372	40.197	nq	99
51) 2,6-Dinitrotoluene	9.56	165	159421	39.063	nq #	88
52) Acenaphthene	9.79	154	552853	40.576	nq	99
53) 3-Nitroaniline	9.73	138	180080	39.802	nq	91
54) 2,4-Dinitrophenol	9.86	184	74332	41.449	nq	93
55) Dibenzofuran	9.97	168	810689	39.863	nq	97
56) 4-Nitrophenol	9.92	139	121844	44.823	nq	98
57) 2,4-Dinitrotoluene	9.97	165	204408	38.642	nq	96
58) Fluorene	10.31	166	661635	41.868	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	170625	37.677	nq	99
60) Diethylphthalate	10.19	149	716897	41.414	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	349411	41.772	nq	97
62) 4-Nitroaniline	10.35	138	174499	37.698	nq	98
63) Azobenzene	10.46	77	632130	42.011	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	103566	38.678	nq	95
66) n-Nitrosodiphenylamine	10.42	169	584096	40.312	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	226792	39.210	nq	98
68) Hexachlorobenzene	10.86	284	264496	39.662	nq	95
69) Atrazine	10.95	200	177040	34.972	nq	98
70) Pentachlorophenol	11.07	266	107683	40.085	nq	100
71) Phenanthrene	11.27	178	984004	40.776	nq	98
72) Anthracene	11.32	178	986717	40.922	nq	98
73) Carbazole	11.48	167	884649	41.183	nq	99
74) Di-n-butylphthalate	11.80	149	1114673	42.850	nq	98
75) Fluoranthene	12.46	202	1051578	41.053	nq	98
77) Benzidine	12.58	184	525624	39.263	nq	99
78) Pyrene	12.69	202	1042851	39.453	nq	99
80) Butylbenzylphthalate	13.30	149	465090	41.807	nq	98
81) Benzo(a)anthracene	13.87	228	929957	41.462	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	355295	40.795	nq	99
83) Chrysene	13.92	228	914504	40.920	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	630583	44.867	nq	99
85) Di-n-octyl phthalate	14.46	149	981374	43.825	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	734963	33.964	nq	99
88) Benzo(b)fluoranthene	14.91	252	887284	43.353	nq	98
89) Benzo(k)fluoranthene	14.93	252	776486	40.939	nq	99
90) Benzo(a)pyrene	15.26	252	743447	40.248	nq	97
91) Dibenzo(a,h)anthracene	16.72	278	613103	37.723	nq	99
92) Benzo(g,h,i)perylene	17.14	276	568410	35.396	nq	100

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

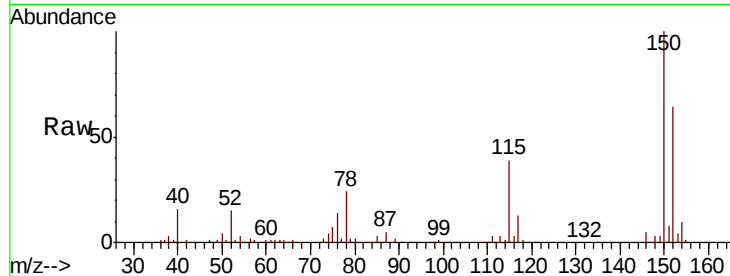


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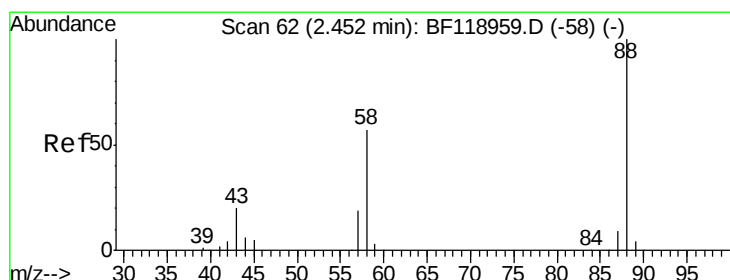
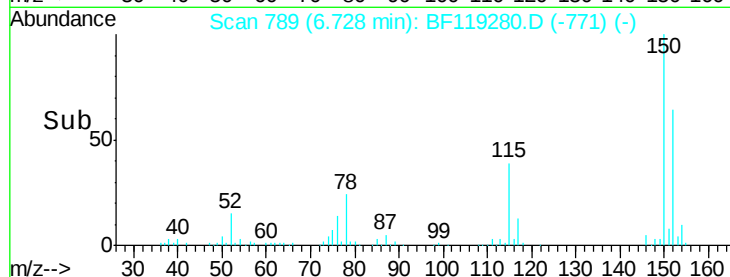
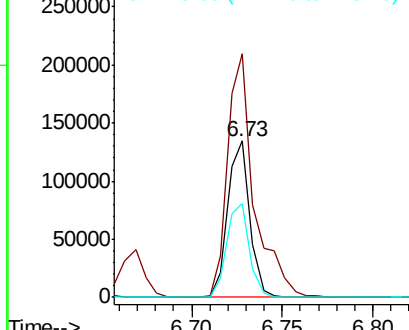
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 114394
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.0 184.6
 115 60.4 49.5 74.3



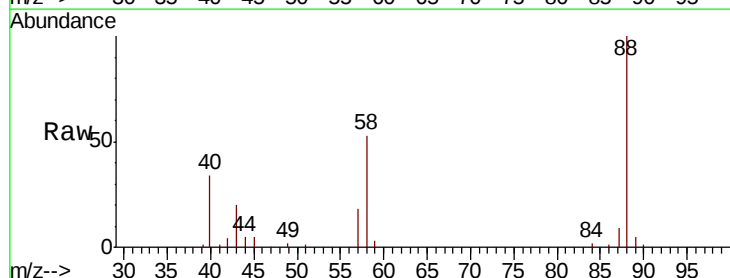
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



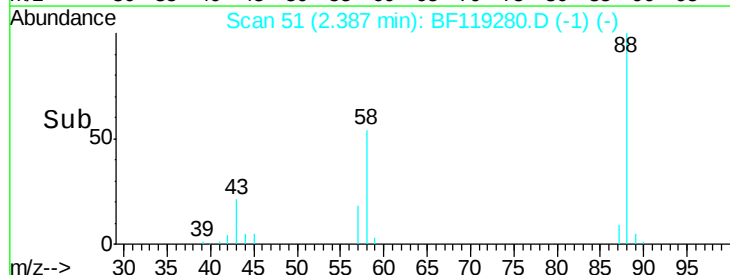
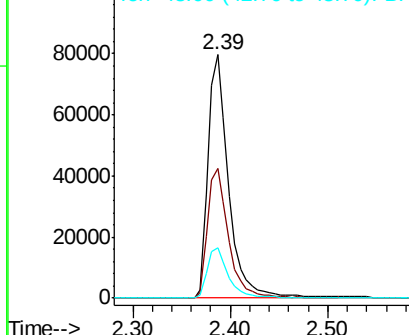
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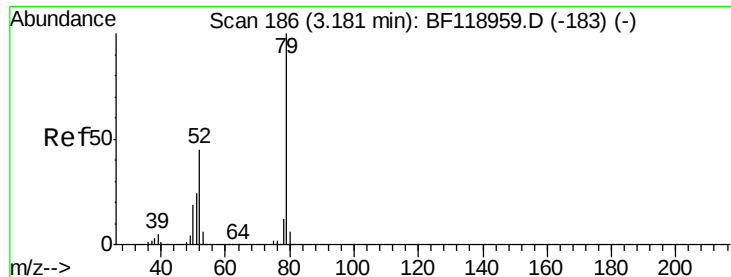
1,4-Dioxane
 Concen: 38.391 ng
 RT: 2.39 min Scan# 51
 Delta R.T. 0.01 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Tgt Ion: 88 Resp: 117004
 Ion Ratio Lower Upper
 88 100
 58 54.0 43.8 65.6
 43 20.8 16.2 24.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1

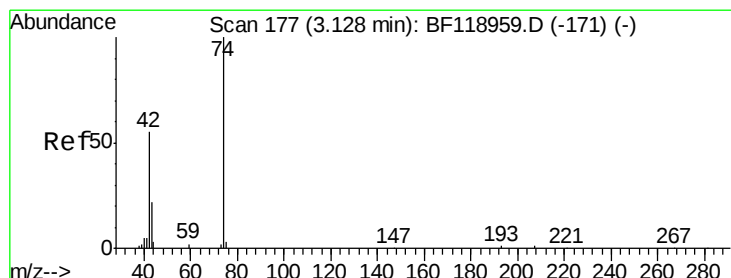
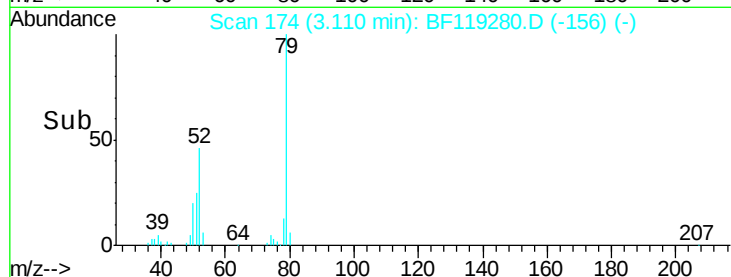
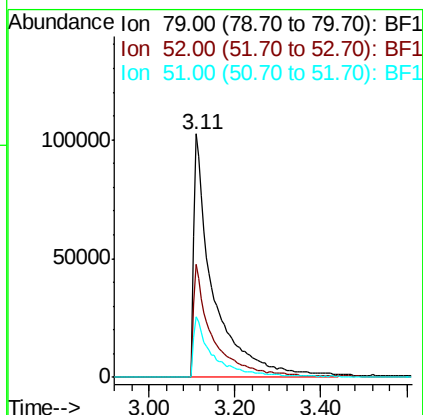
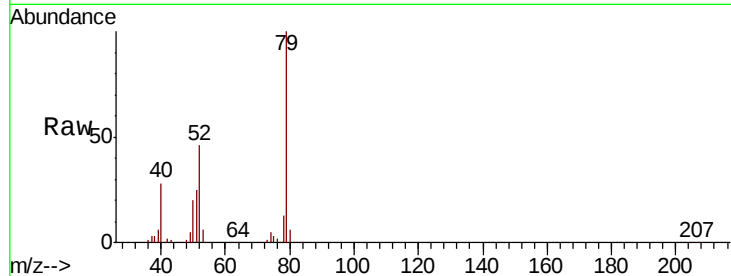




#3
 Pvridine
 Concen: 38.599 ng
 RT: 3.11 min Scan# 174
 Delta R.T. 0.01 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

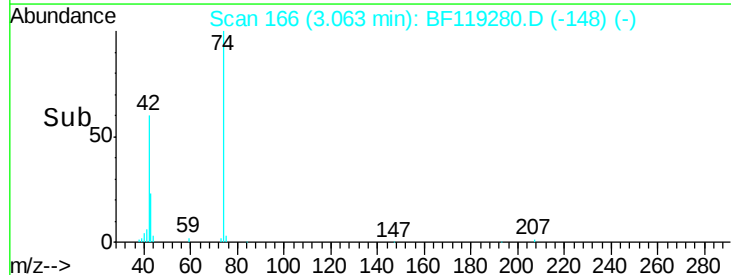
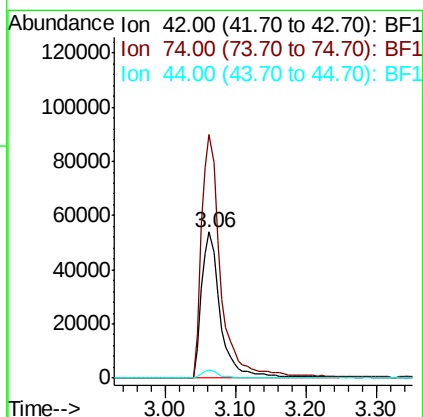
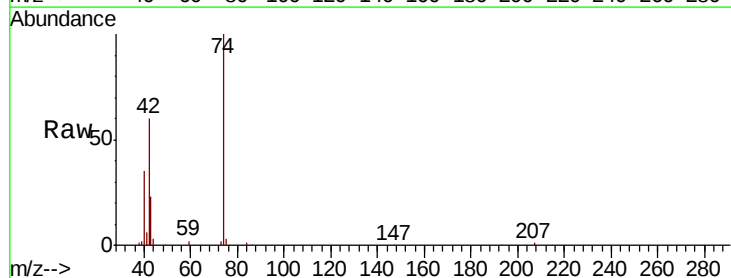
Instrument :
 BNA_F
 ClientSampleId :

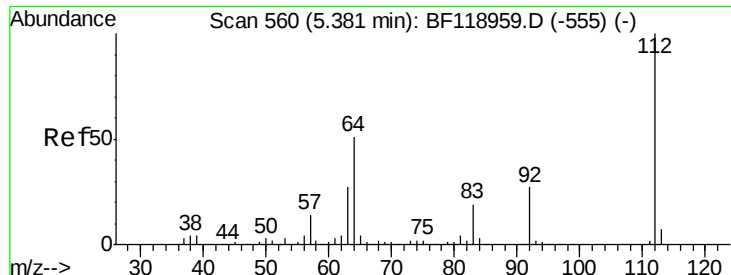
Tot Ion	Ratio	Lower	Upper
79	100		
52	46.4	37.4	56.0
51	24.9	19.8	29.6



#4
 n-Nitrosodimethylamine
 Concen: 40.764 ng
 RT: 3.06 min Scan# 166
 Delta R.T. 0.01 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	166.8	137.7	206.5
44	5.4	4.5	6.7

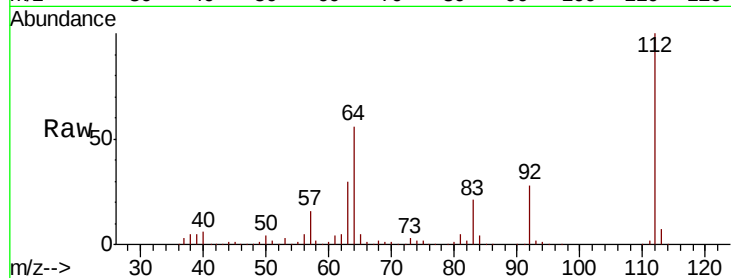




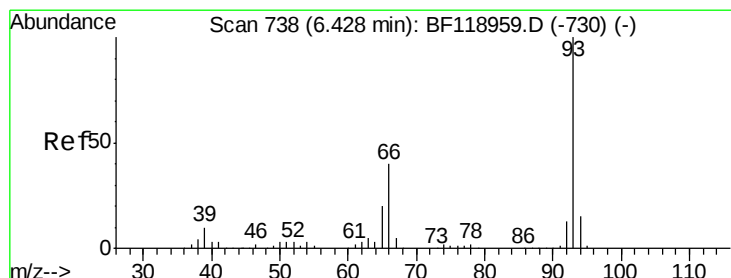
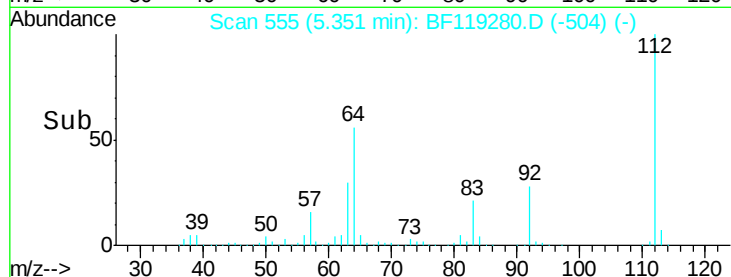
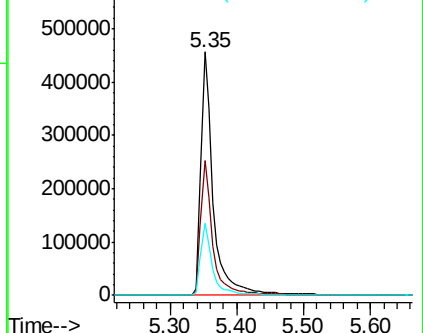
#5
2-Fluorophenol
Concen: 83.112 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.0	67.4
63	29.7	24.2	36.4

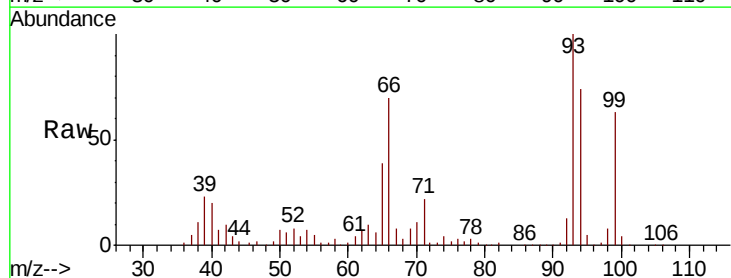


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

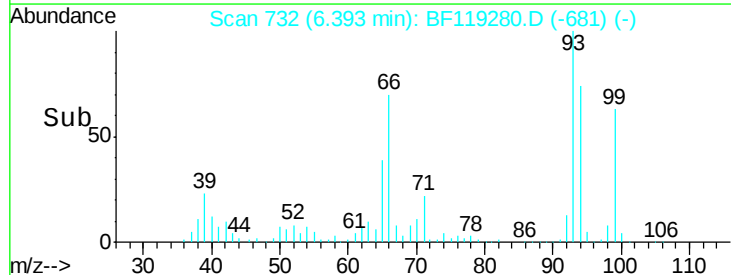
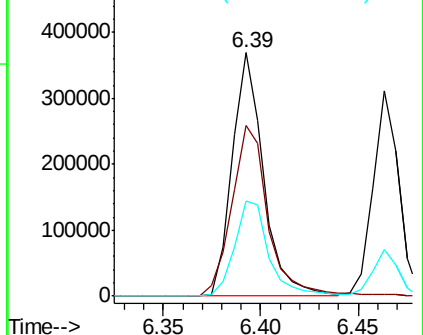


#6
Aniline
Concen: 39.886 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Tgt Ion	Ratio	Lower	Upper
93	100		
66	70.2	74.5	111.7#
65	39.3	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: 82.177 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

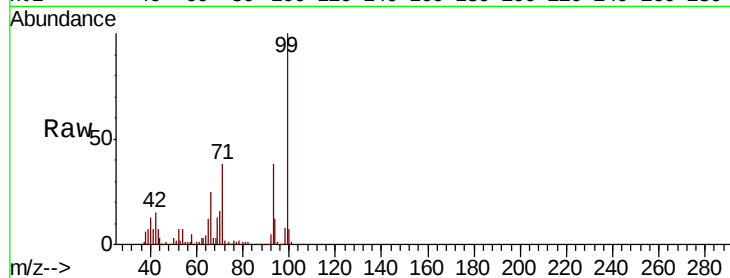
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 684117

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.6	18.8
71	38.5	31.0	46.4

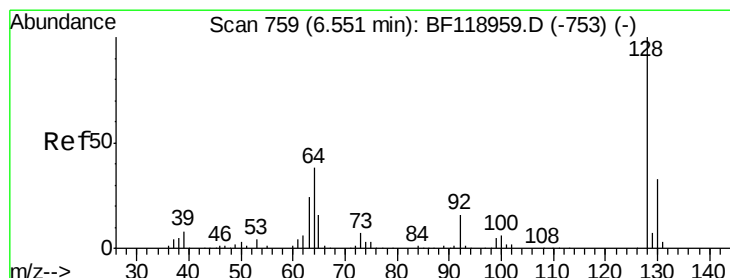
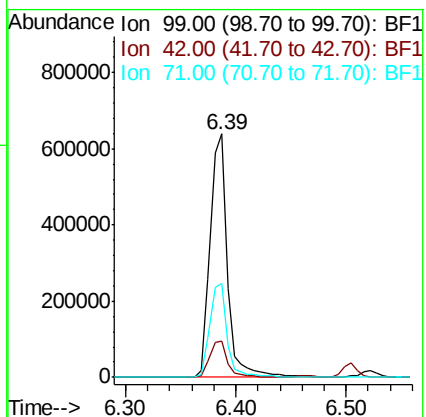
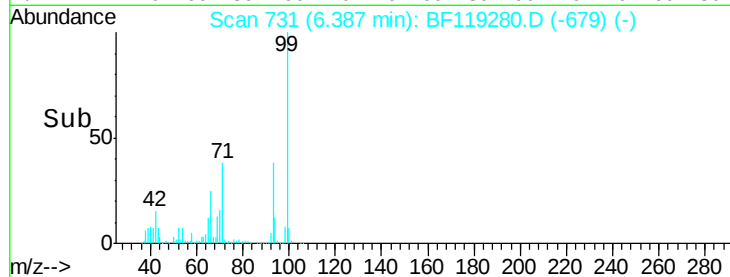


Abundance

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: 41.860 ng

RT: 6.52 min Scan# 754

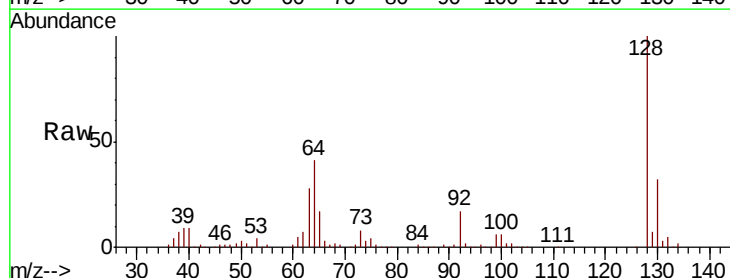
Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Tgt Ion: 128 Resp: 309226

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.7	52.7
64	41.2	22.3	62.3

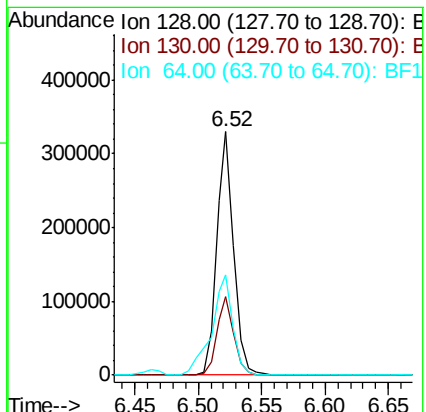
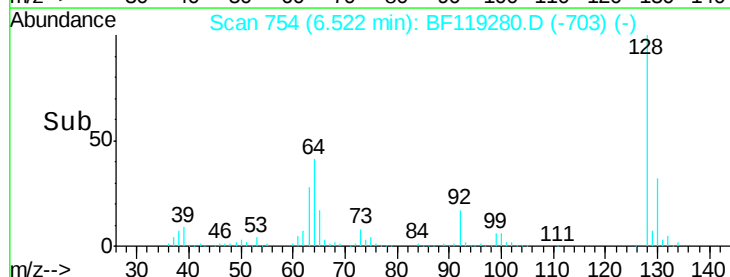


Abundance

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: 33.904 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Instrument :

BNA_F

ClientSampleId :

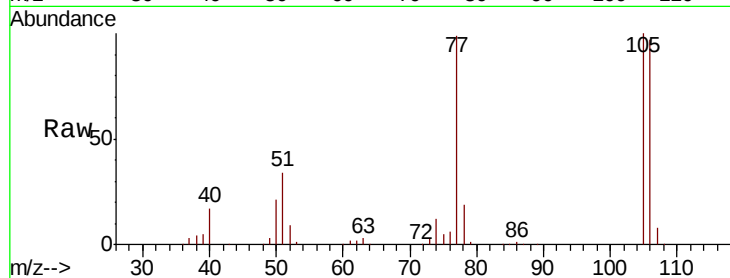
Tot Ion: 77 Resp: 188576

Ion Ratio Lower Upper

77 100

105 101.3 80.1 120.1

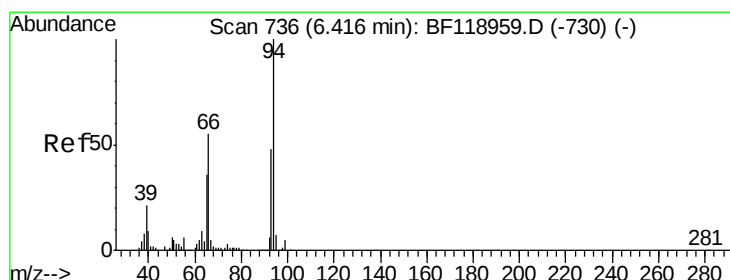
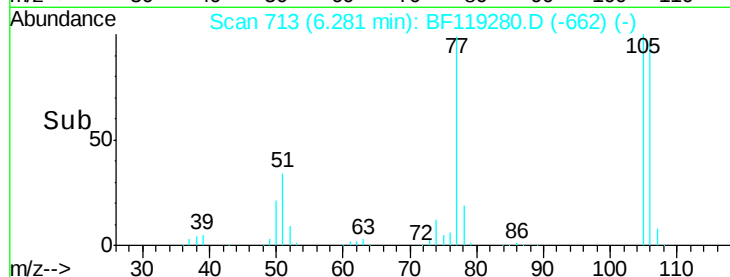
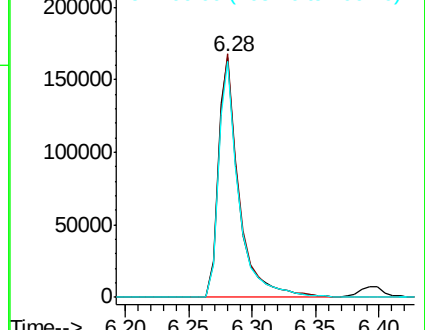
106 98.4 75.9 115.9



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: 41.637 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

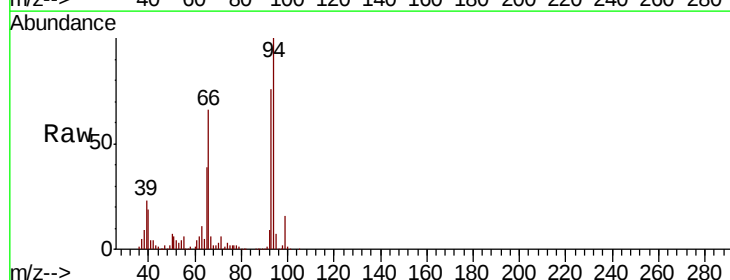
Tgt Ion: 94 Resp: 374767

Ion Ratio Lower Upper

94 100

65 39.1 19.2 59.2

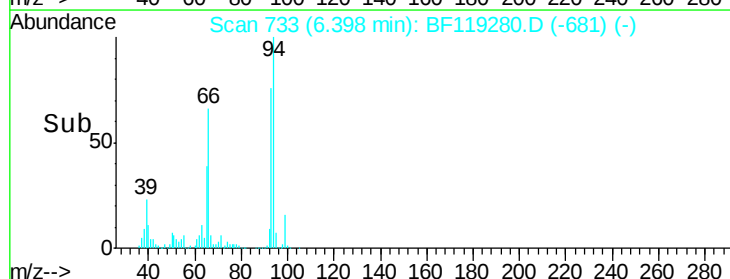
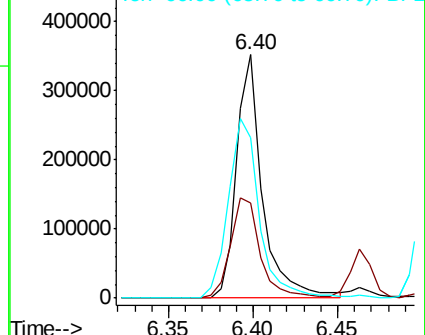
66 65.8 44.4 84.4

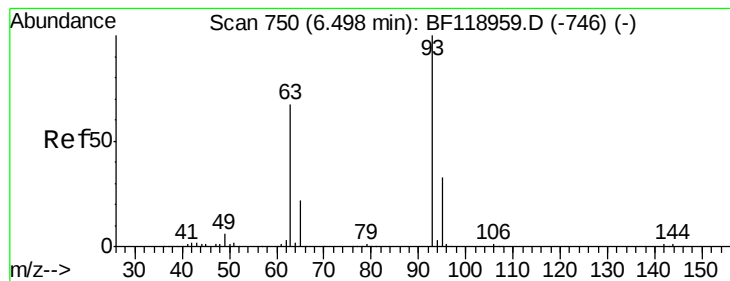


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.625 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Instrument :

BNA_F

ClientSampleId :

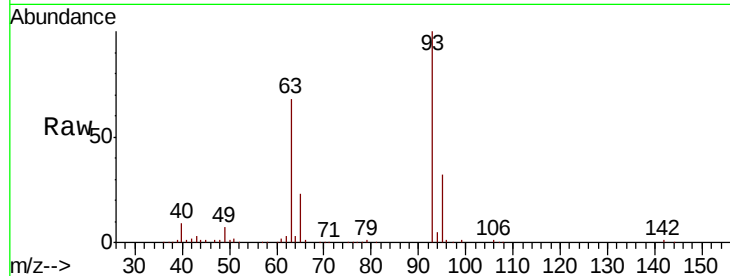
Tot Ion: 93 Resp: 279779

Ion Ratio Lower Upper

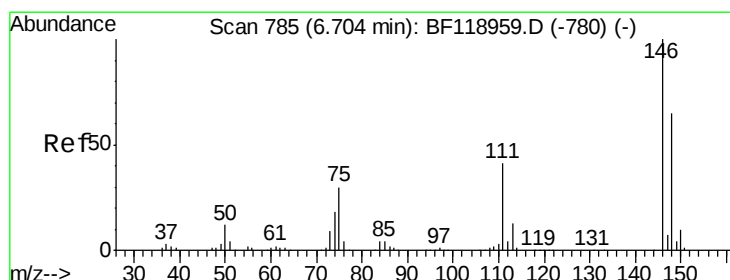
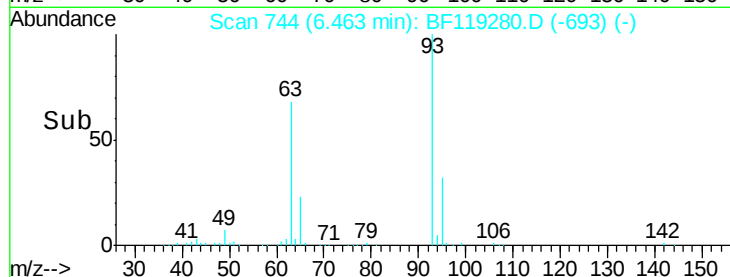
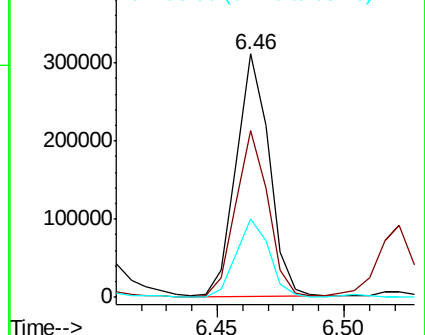
93 100

63 68.3 45.4 85.4

95 32.1 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: 40.963 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

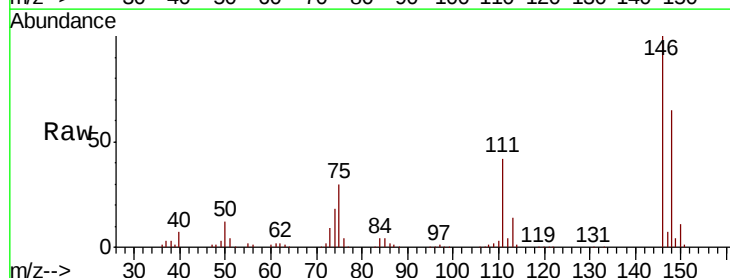
Tgt Ion: 146 Resp: 362682

Ion Ratio Lower Upper

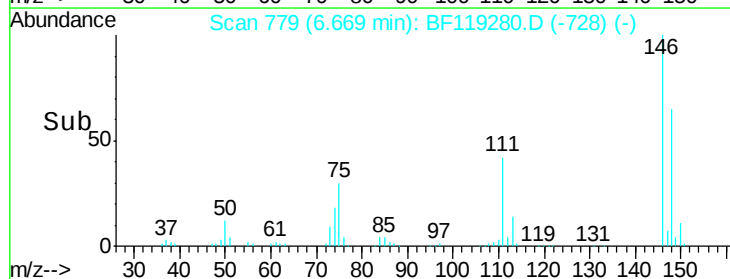
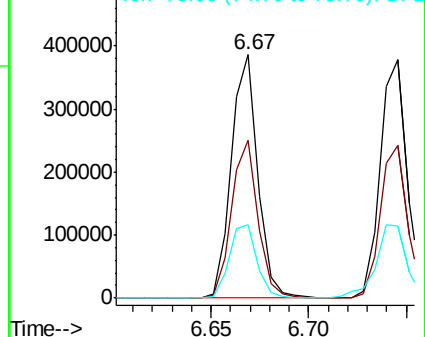
146 100

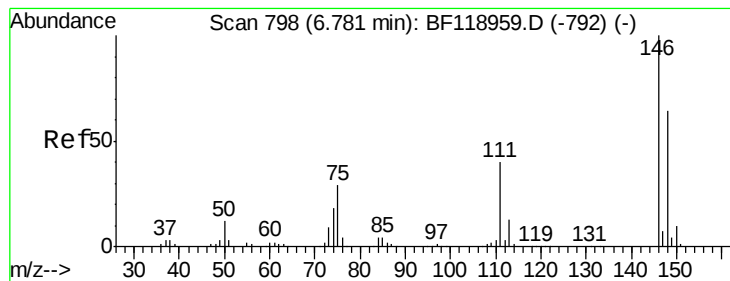
148 65.0 52.5 78.7

75 30.1 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: 41.741 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.01 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Instrument :

BNA_F

ClientSampleId :

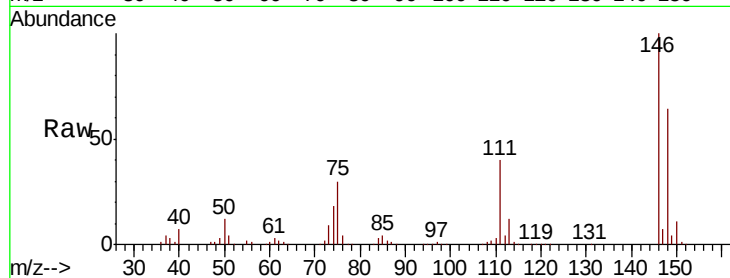
Tot Ion:146 Resp: 369830

Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

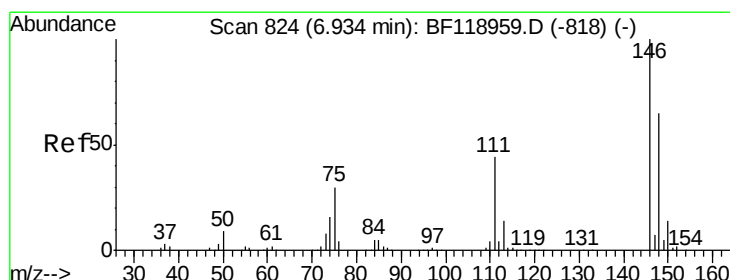
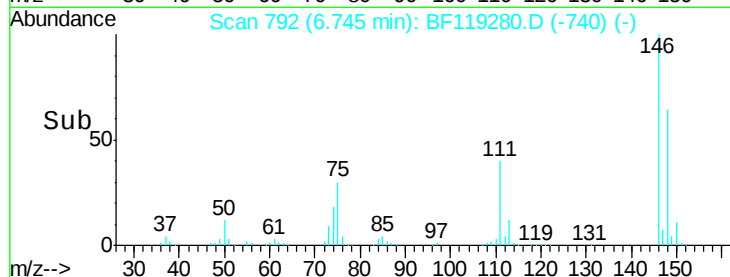
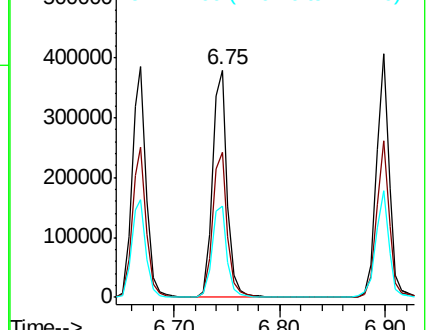
111 40.1 34.8 52.2



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: 41.860 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

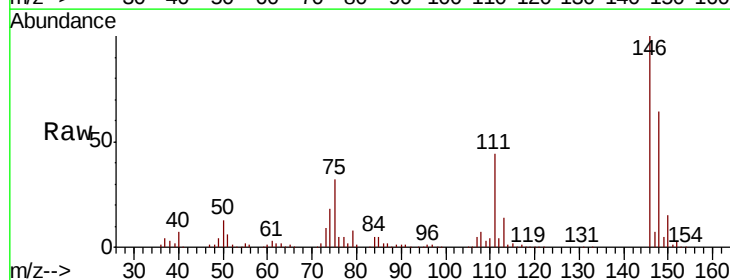
Tgt Ion:146 Resp: 338243

Ion Ratio Lower Upper

146 100

148 64.3 51.9 77.9

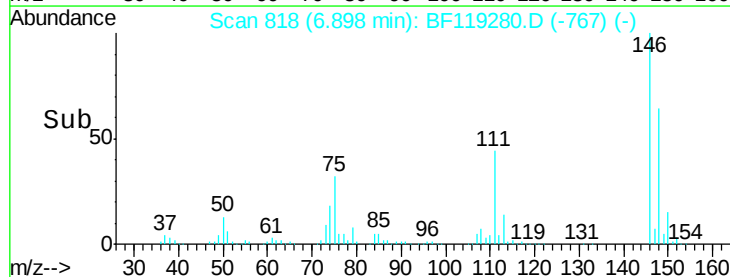
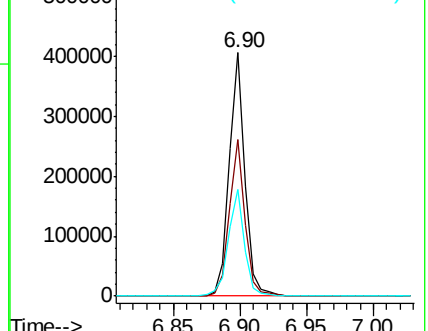
111 43.9 36.2 54.2



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: 42.810 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Instrument :

BNA_F

ClientSampleId :

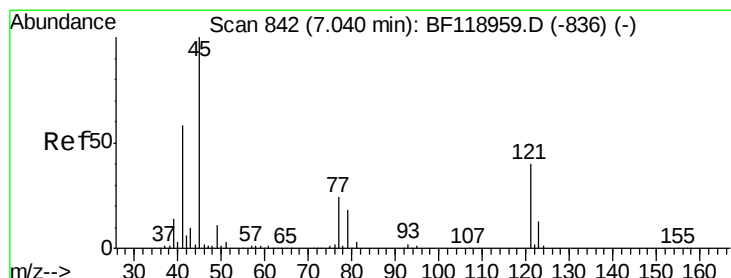
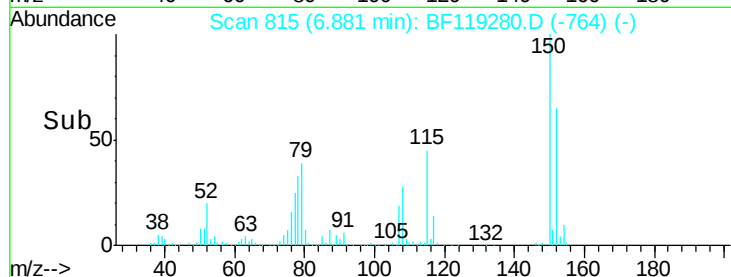
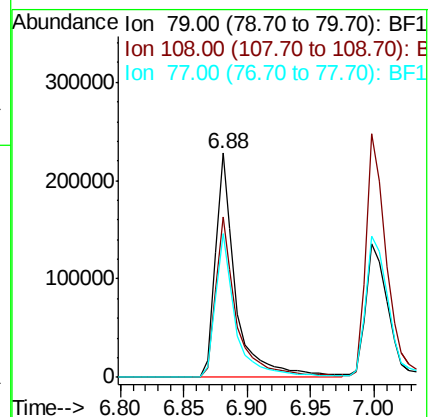
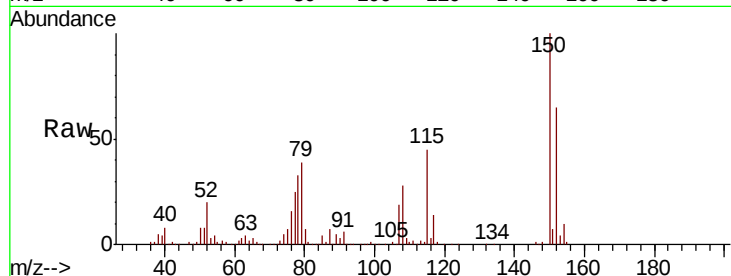
Tot Ion: 79 Resp: 257578

Ion Ratio Lower Upper

79 100

108 71.8 58.2 87.2

77 64.1 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.992 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

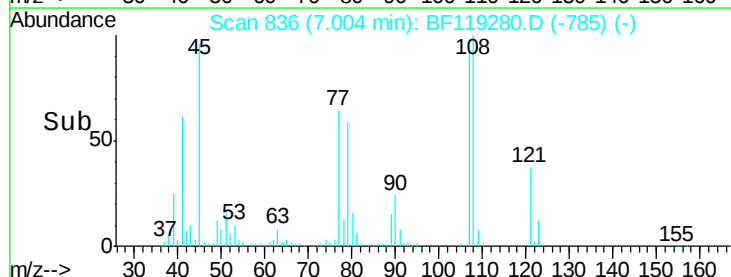
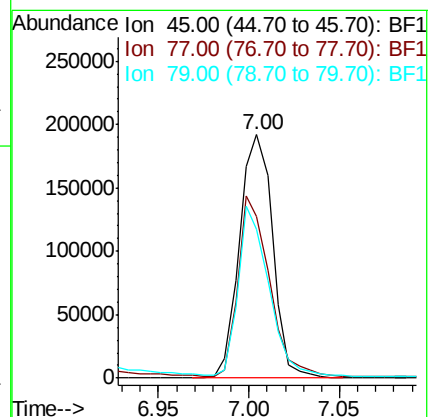
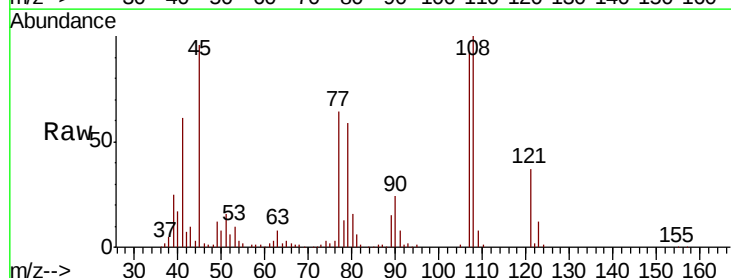
Tgt Ion: 45 Resp: 244547

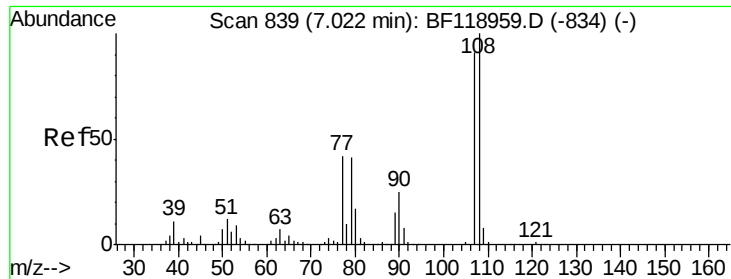
Ion Ratio Lower Upper

45 100

77 66.7 15.0 55.0#

79 60.9 9.4 49.4#

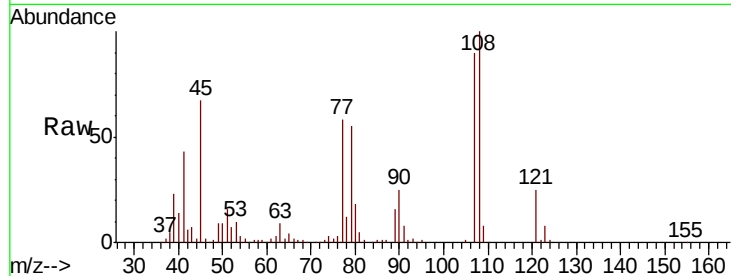




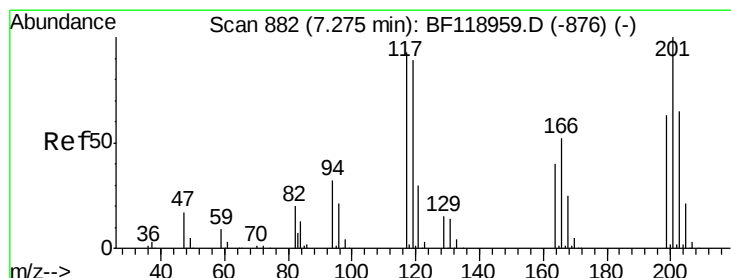
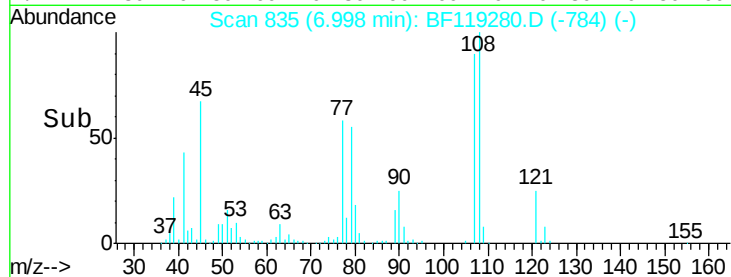
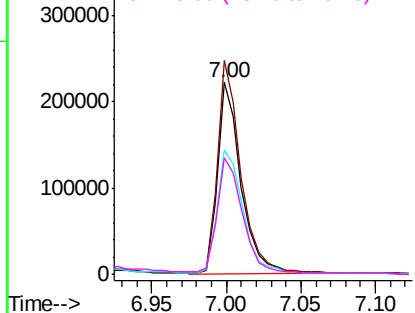
#17
2-Methylphenol
Concen: 40.573 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	243001
Ion	Ratio	Lower	Upper
107	100		
108	111.4	87.9	131.9
77	64.9	45.3	67.9
79	61.0	43.0	64.4

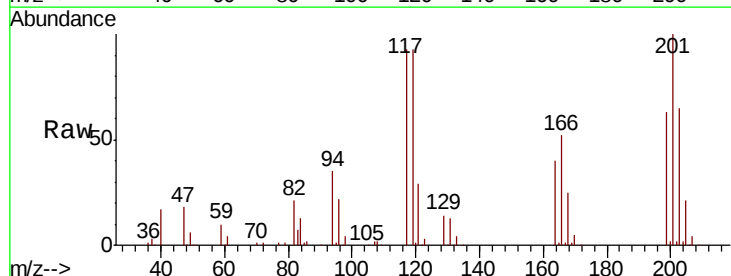


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

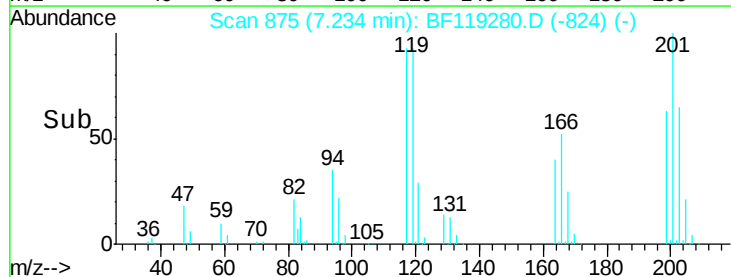
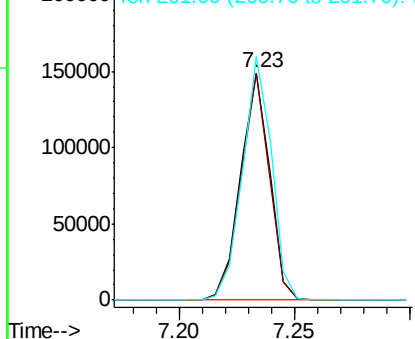


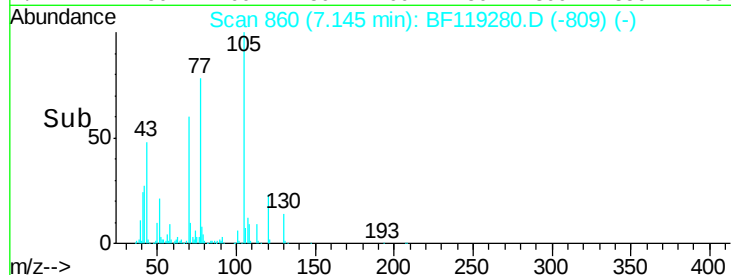
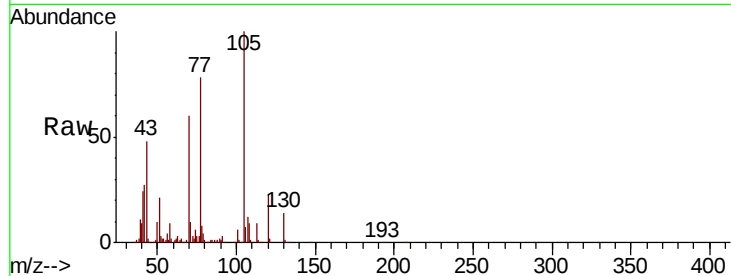
#18
Hexachloroethane
Concen: 41.634 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Tgt Ion:	117	Resp:	131974
Ion	Ratio	Lower	Upper
117	100		
119	99.5	77.5	116.3
201	107.0	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

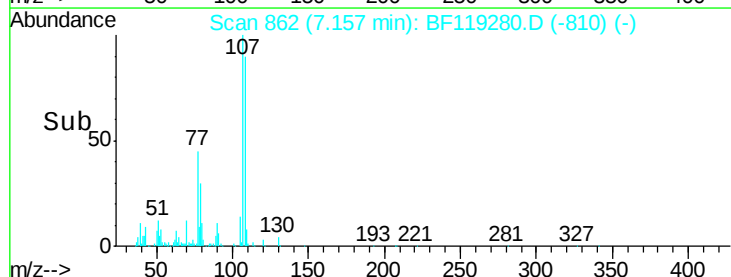
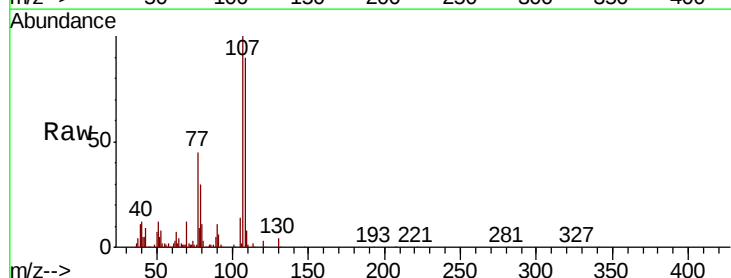
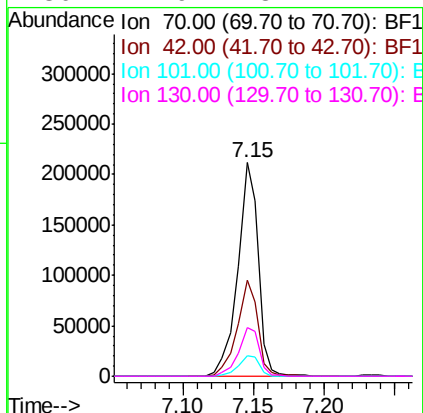




#19
n-Nitroso-di-n-propylamine
Concen: 44.133 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

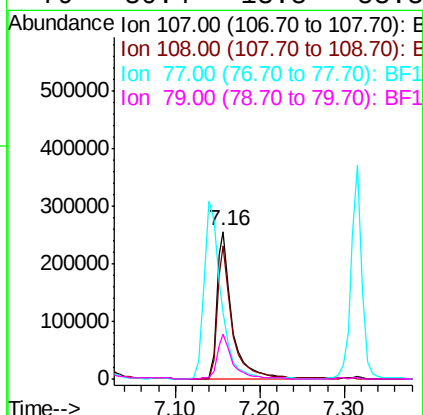
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 214085
Ion Ratio Lower Upper
70 100
42 45.1 38.0 57.0
101 9.8 8.2 12.4
130 22.9 18.2 27.4



#20
3+4-Methylphenols
Concen: 43.620 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Tgt Ion: 107 Resp: 320068
Ion Ratio Lower Upper
107 100
108 90.0 71.5 111.5
77 45.0 45.9 85.9#
79 30.4 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: BF119280.D

Acq: 9 Mar 2020 11:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 429074

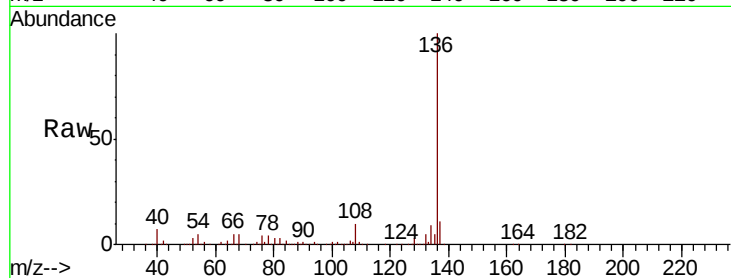
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 4.7 3.8 5.6

68 5.1 3.9 5.9

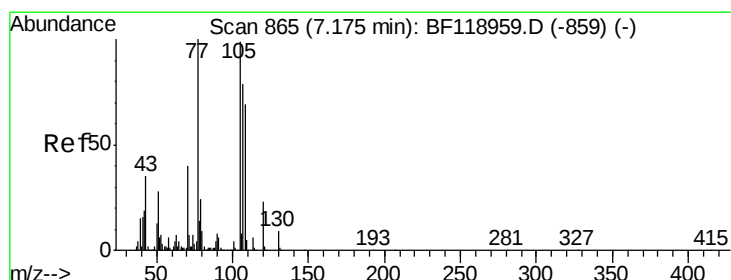
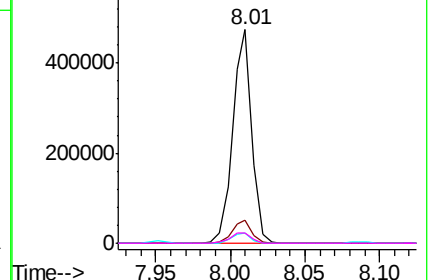
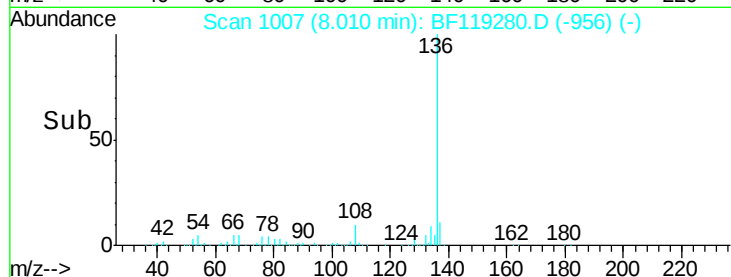


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.371 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Tgt Ion:105 Resp: 420649

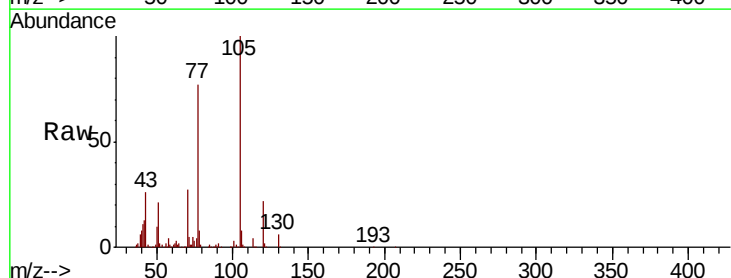
Ion Ratio Lower Upper

105 100

71 4.5 3.0 4.4#

51 20.8 20.1 30.1

120 21.7 18.0 27.0

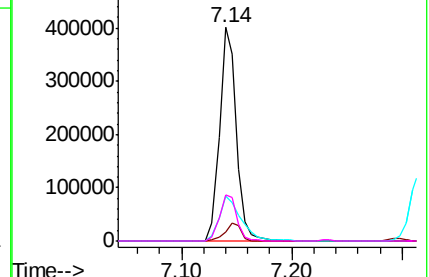
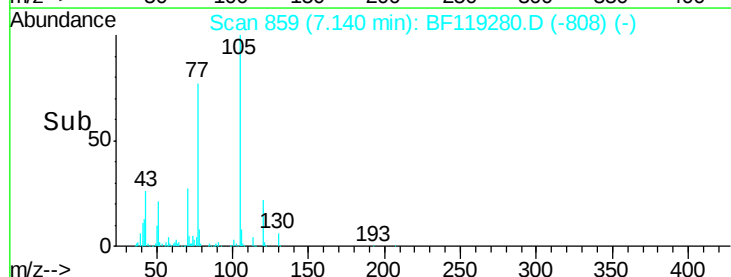


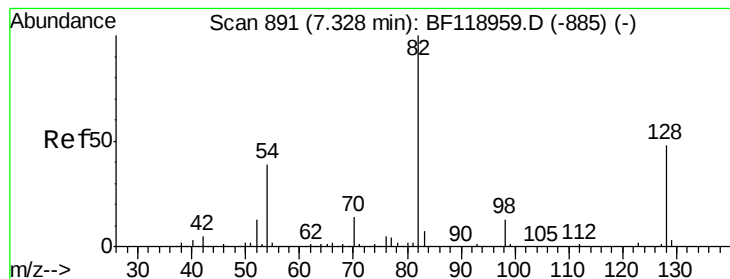
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.995 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Instrument :

BNA_F

ClientSampleId :

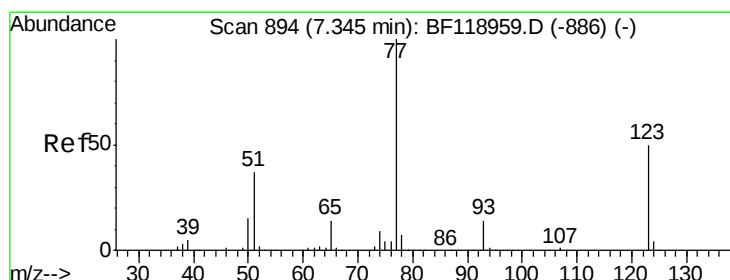
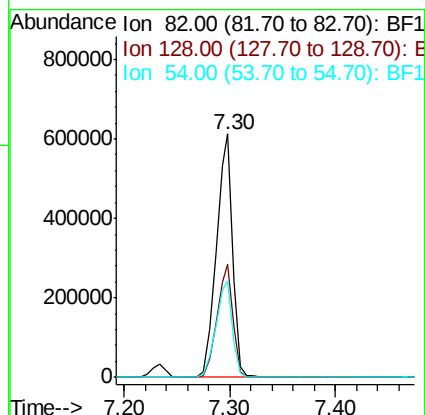
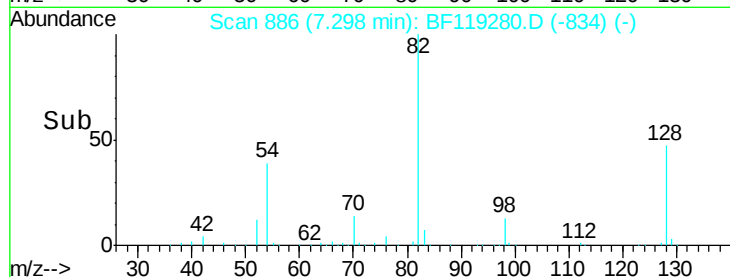
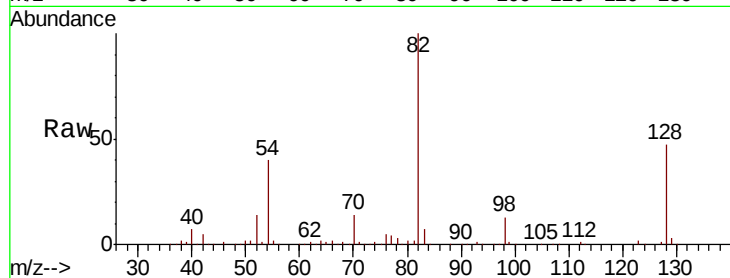
Tot Ion: 82 Resp: 666321

Ion Ratio Lower Upper

82 100

128 46.6 37.9 56.9

54 39.7 33.4 50.2



#24

Nitrobenzene

Concen: 41.402 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

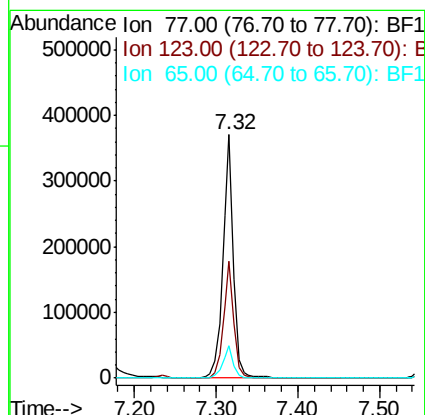
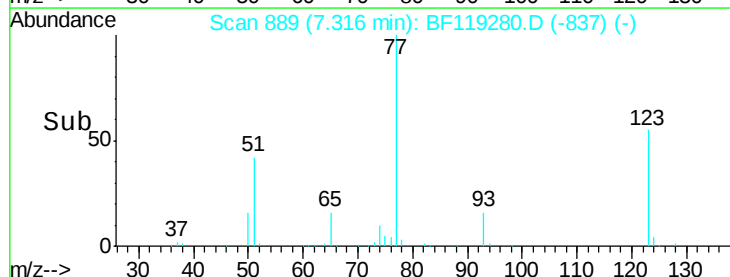
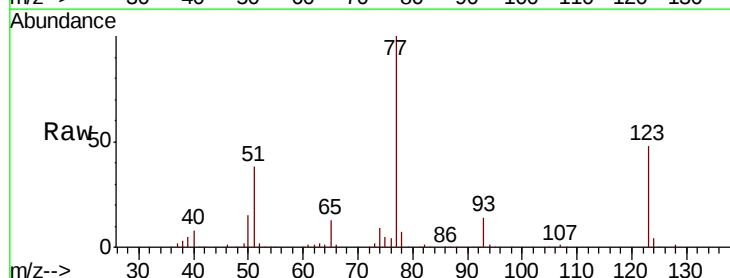
Tgt Ion: 77 Resp: 332716

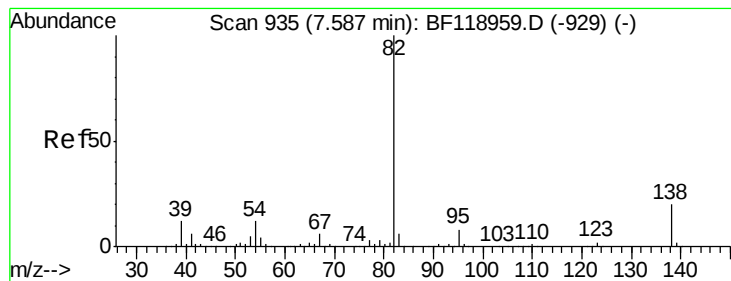
Ion Ratio Lower Upper

77 100

123 48.3 40.2 60.2

65 13.3 10.8 16.2





#25

Isophorone

Concen: 40.456 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Instrument :

BNA_F

ClientSampleId :

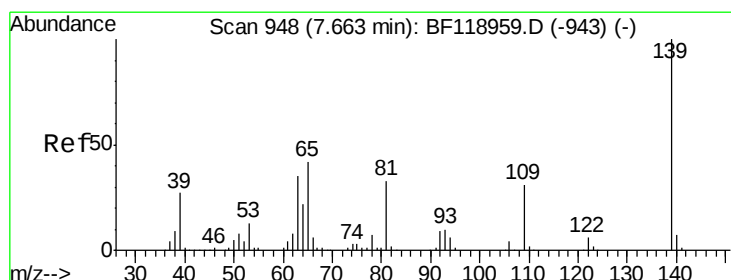
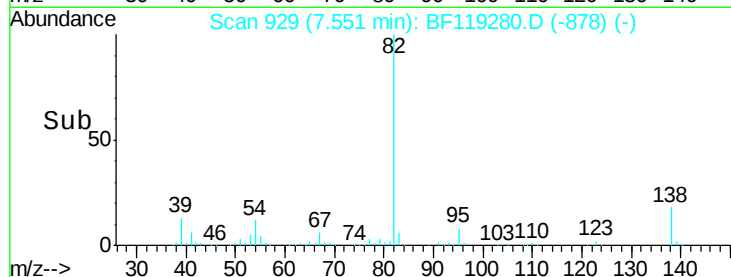
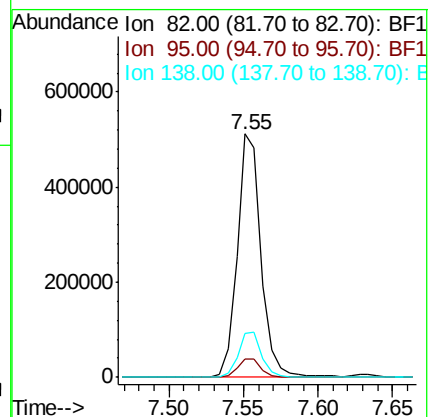
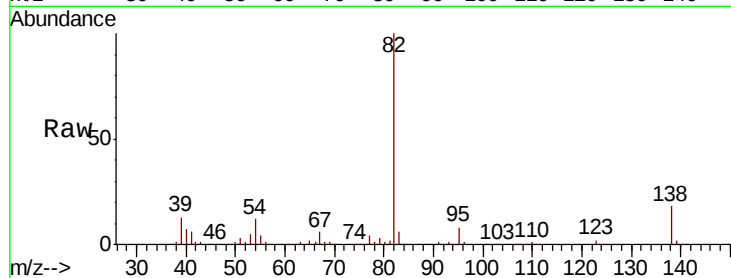
Tot Ion: 82 Resp: 570958

Ion Ratio Lower Upper

82 100

95 7.6 6.4 9.6

138 17.9 15.7 23.5



#26

2-Nitrophenol

Concen: 40.223 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

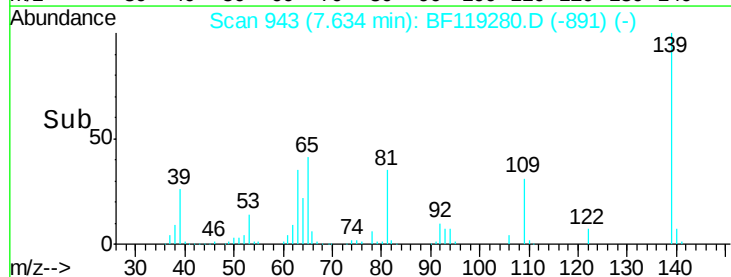
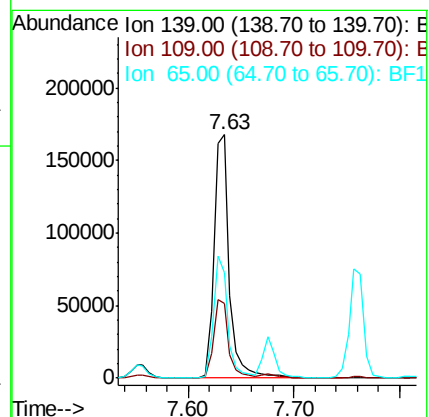
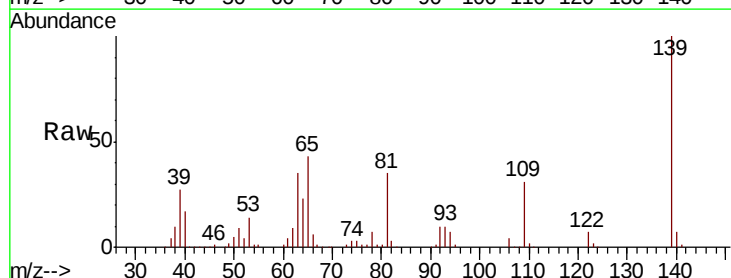
Tgt Ion: 139 Resp: 171267

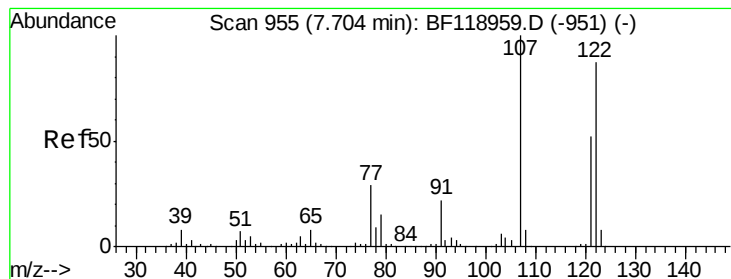
Ion Ratio Lower Upper

139 100

109 30.5 25.7 38.5

65 43.5 37.1 55.7





#27

2,4-Dimethylphenol

Concen: 39.108 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Instrument :

BNA_F

ClientSampleId :

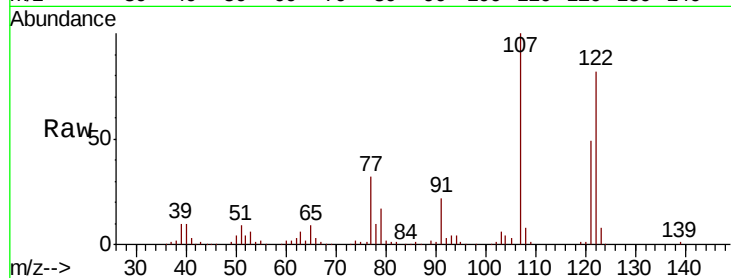
Tot Ion:122 Resp: 225997

Ion Ratio Lower Upper

122 100

107 121.7 93.8 140.6

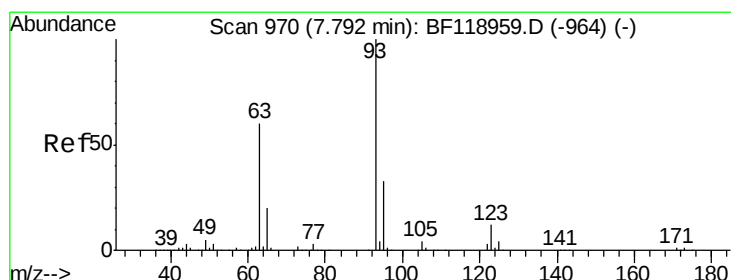
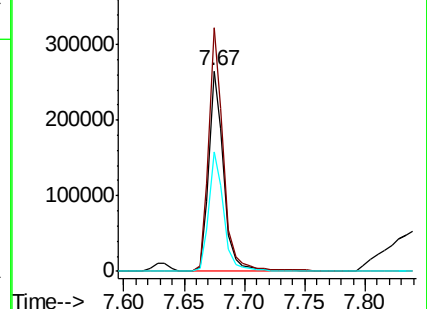
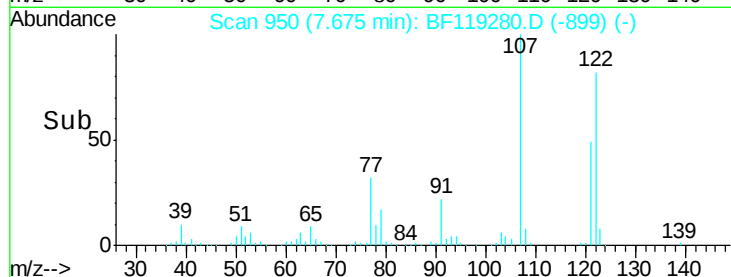
121 59.4 48.2 72.2



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: 39.812 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

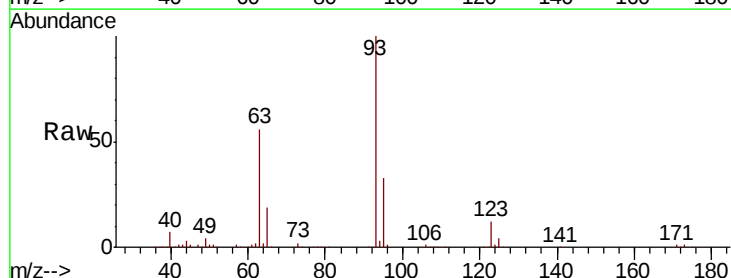
Tgt Ion: 93 Resp: 365722

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

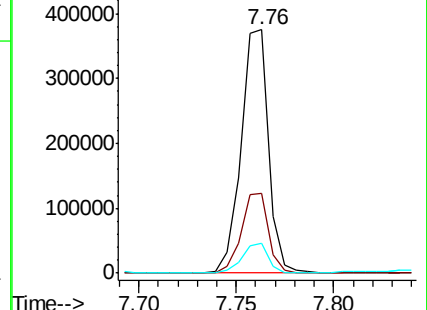
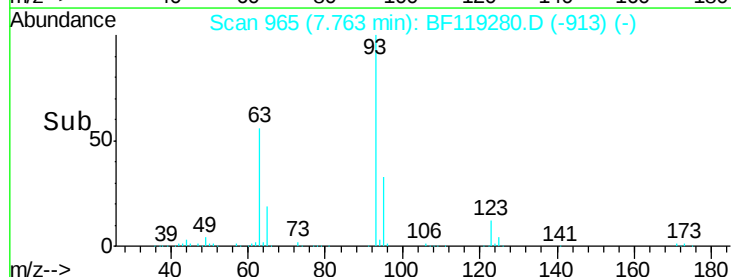
123 12.2 10.2 15.2

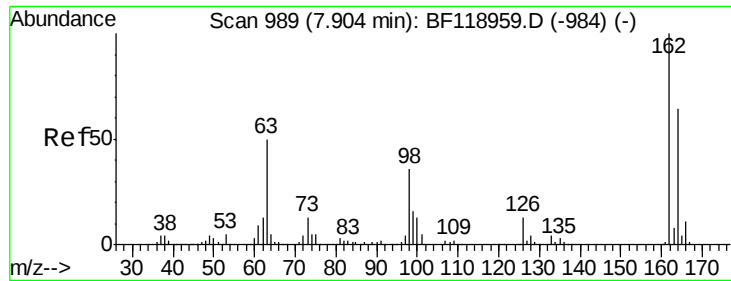


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

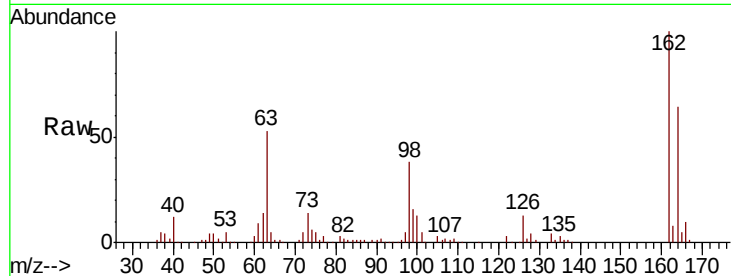




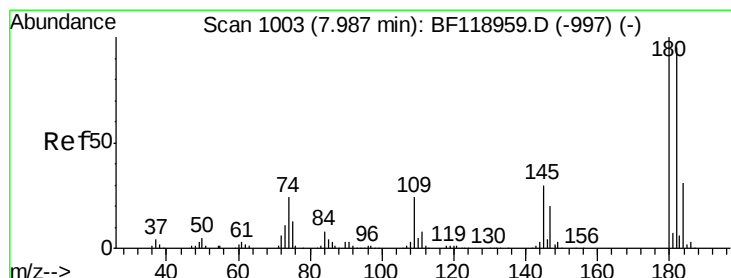
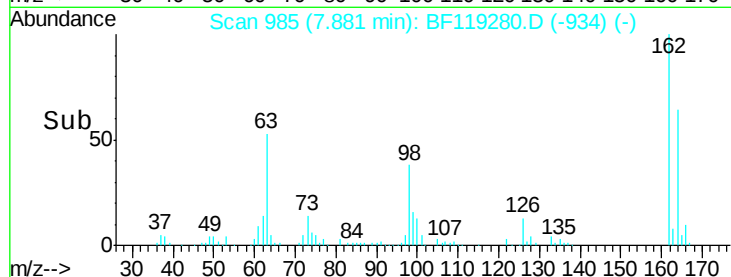
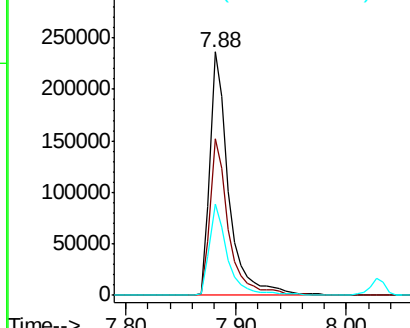
#29
2,4-Dichlorophenol
Concen: 40.267 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 273941
Ion Ratio Lower Upper
162 100
164 64.0 45.2 85.2
98 37.6 17.4 57.4

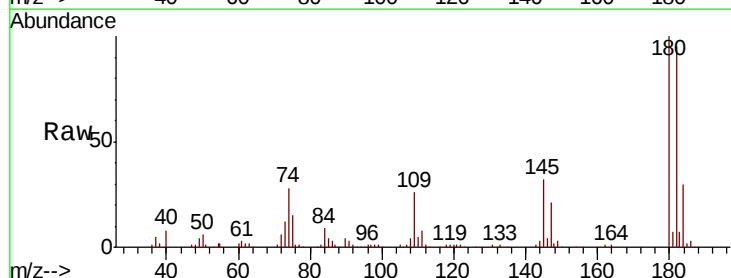


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

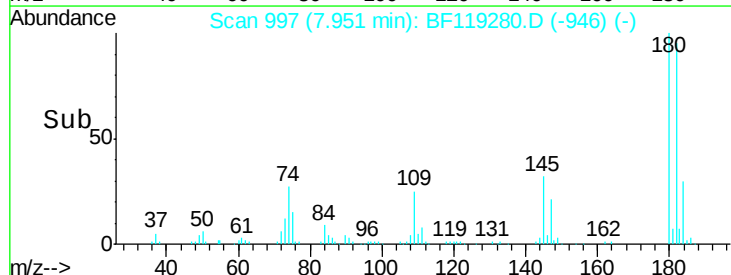
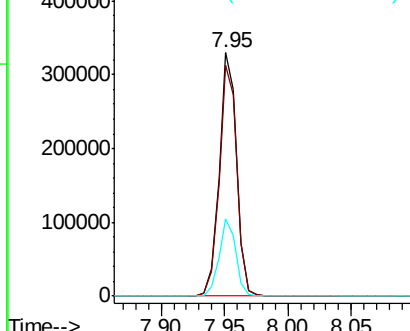


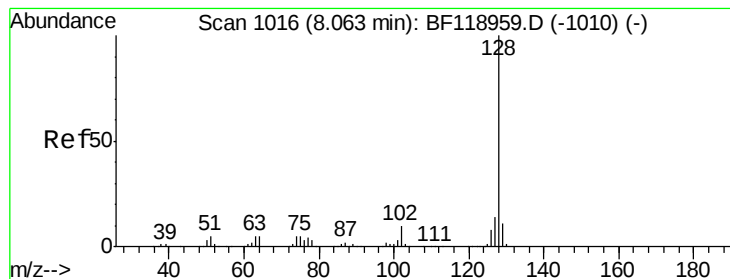
#30
1,2,4-Trichlorobenzene
Concen: 39.257 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Tgt Ion:180 Resp: 316646
Ion Ratio Lower Upper
180 100
182 94.6 77.8 116.6
145 31.5 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: 40.467 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Instrument :

BNA_F

ClientSampleId :

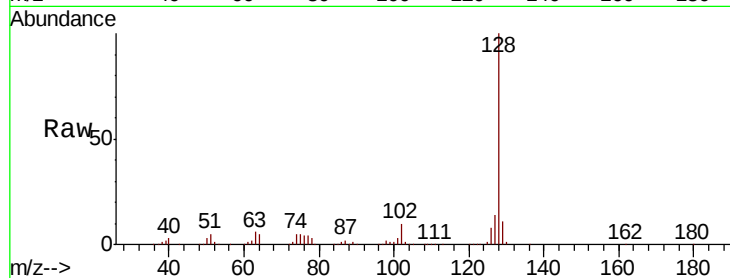
Tot Ion:128 Resp: 900495

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

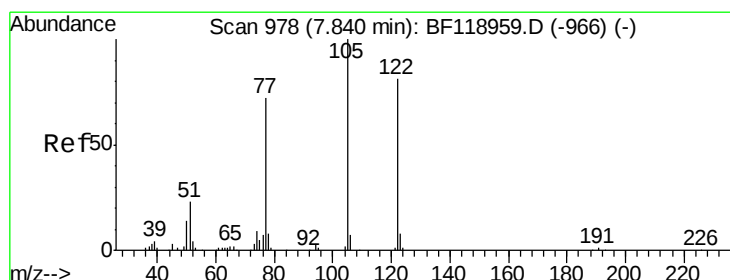
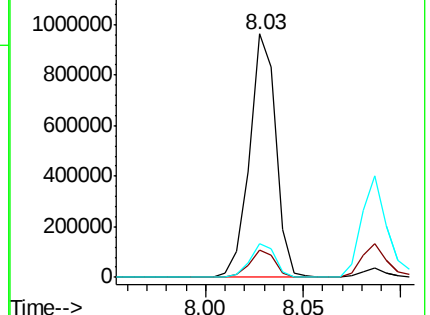
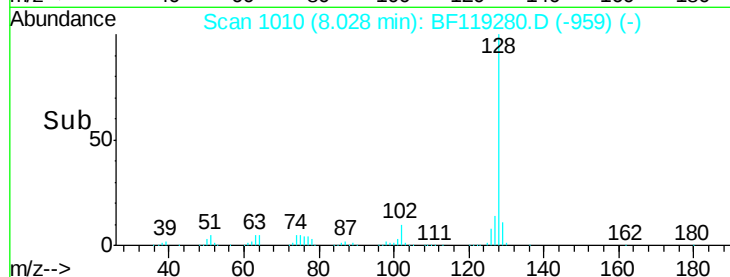
127 13.7 11.4 17.2



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: 34.283 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

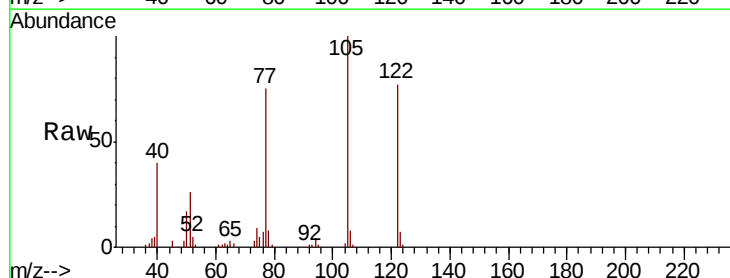
Tgt Ion:122 Resp: 135206

Ion Ratio Lower Upper

122 100

105 129.7 106.3 146.3

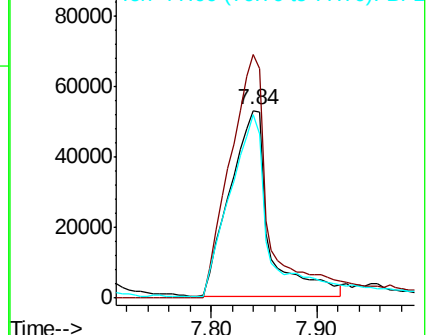
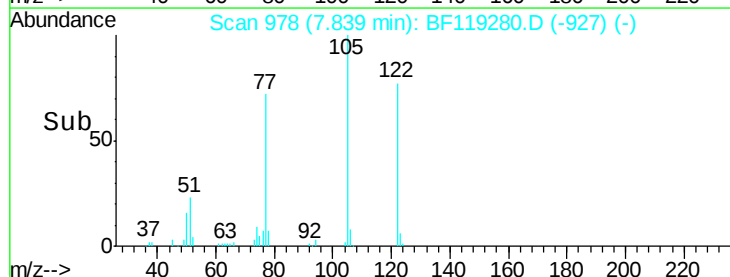
77 97.4 73.1 113.1



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

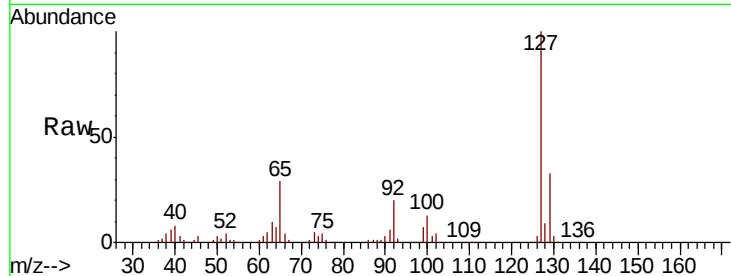




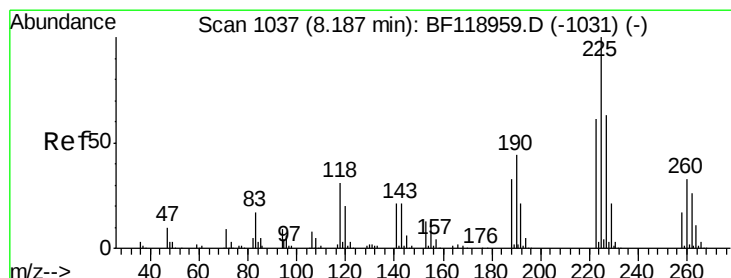
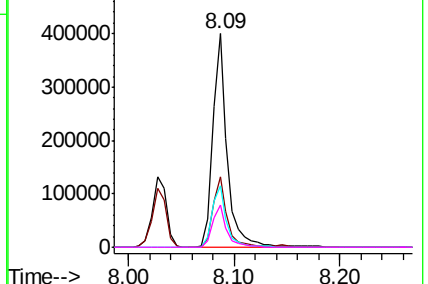
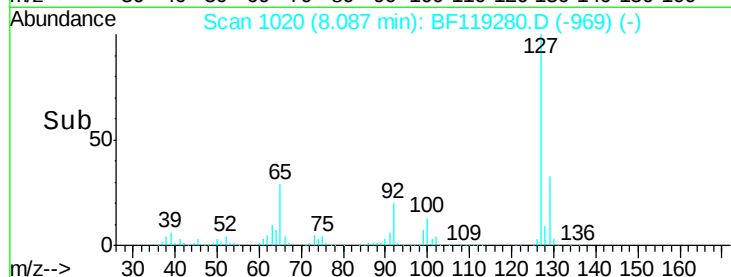
#33
4-Chloroaniline
Concen: 40.092 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	383719
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	29.0	23.9	35.9
92	19.7	16.3	24.5

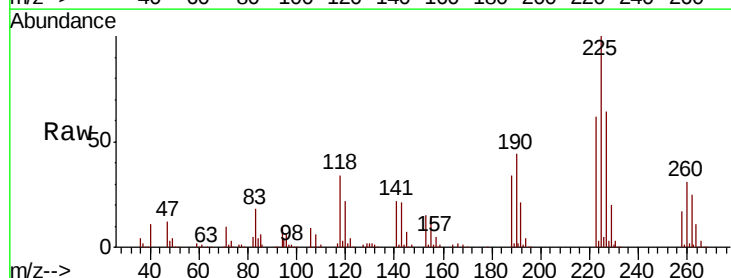


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

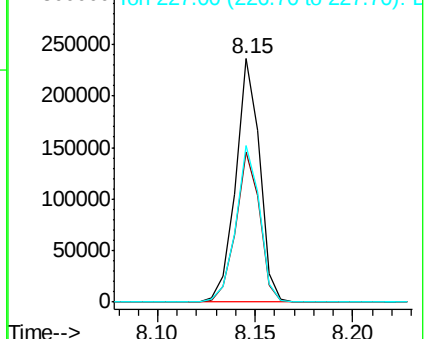
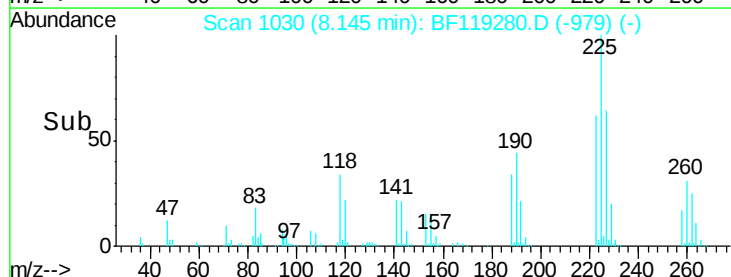


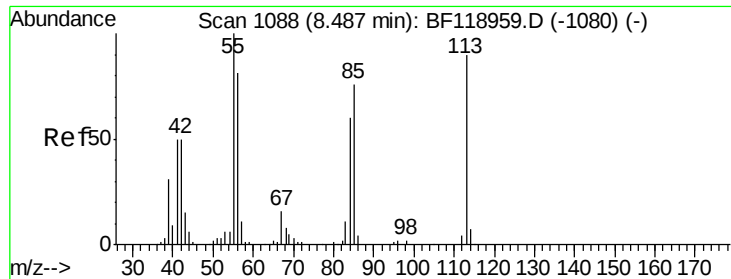
#34
Hexachlorobutadiene
Concen: 39.950 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Tgt Ion:	225	Resp:	200718
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.4	74.2
227	64.3	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

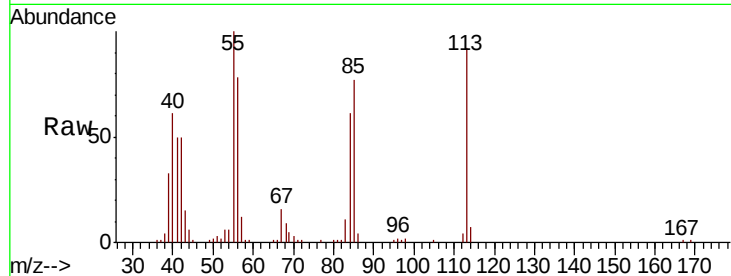




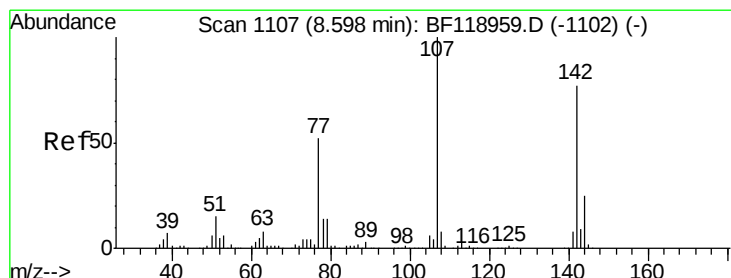
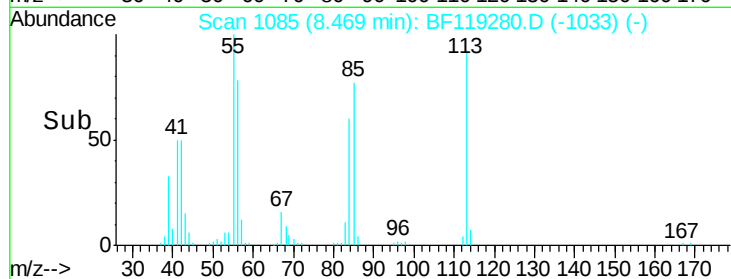
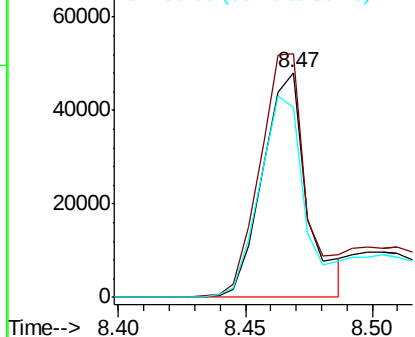
#35
 Caprolactam
 Concen: 28.099 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 58860
 Ion Ratio Lower Upper
 113 100
 55 108.4 95.7 135.7
 56 84.4 73.1 113.1

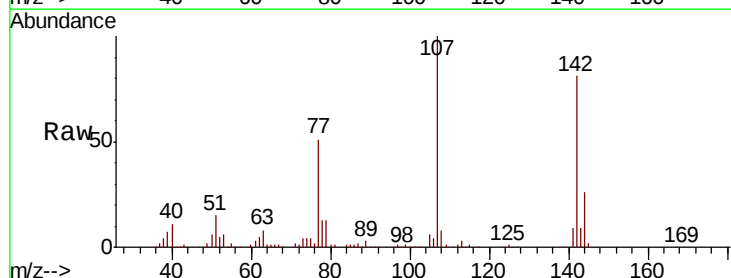


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

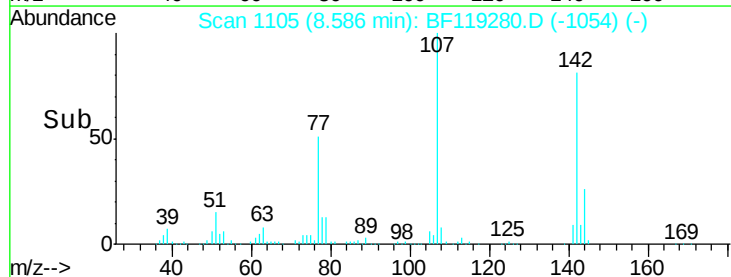
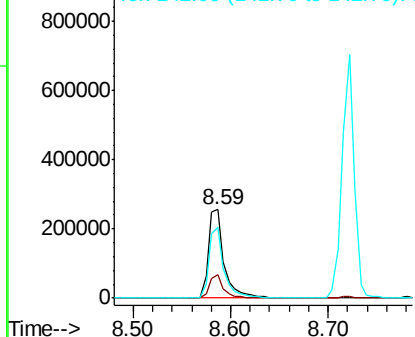


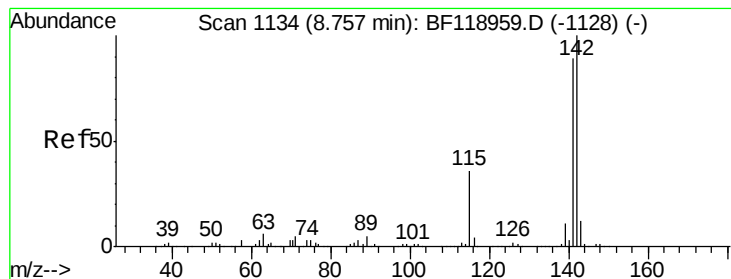
#36
 4-Chloro-3-methylphenol
 Concen: 41.331 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Tgt Ion:107 Resp: 284567
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.1 30.1
 142 80.7 61.4 92.2



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





#37

2-Methylnaphthalene

Concen: 40.513 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Instrument :

BNA_F

ClientSampleId :

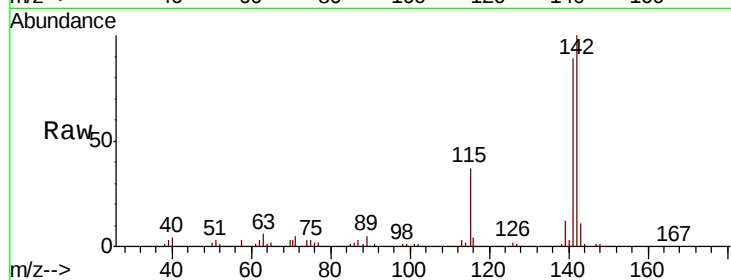
Tot Ion:142 Resp: 606689

Ion Ratio Lower Upper

142 100

141 88.6 72.3 108.5

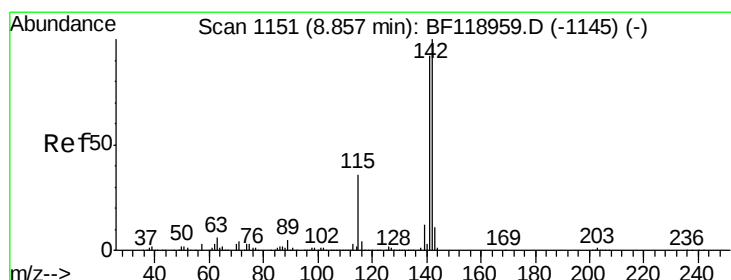
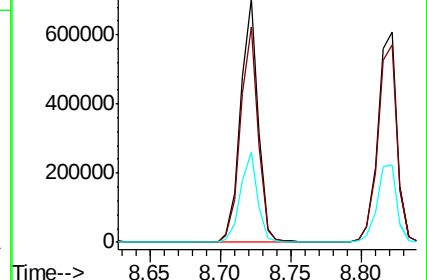
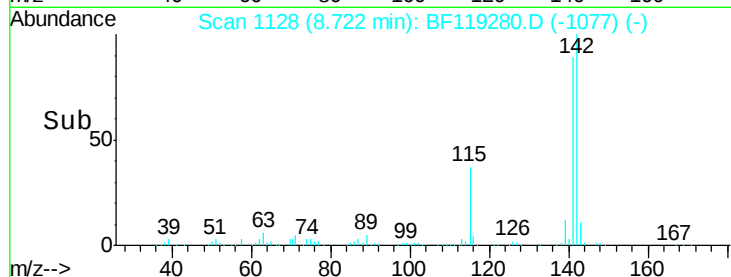
115 36.8 30.6 45.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.654 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

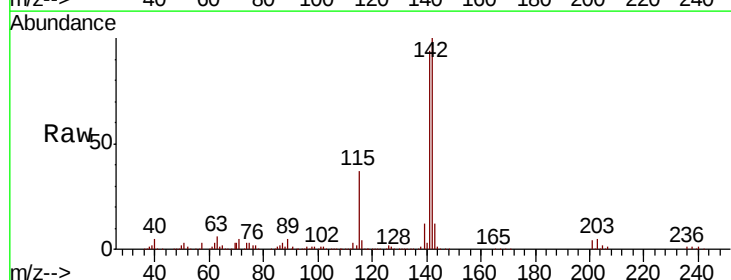
Tgt Ion:142 Resp: 572546

Ion Ratio Lower Upper

142 100

141 94.1 75.8 113.6

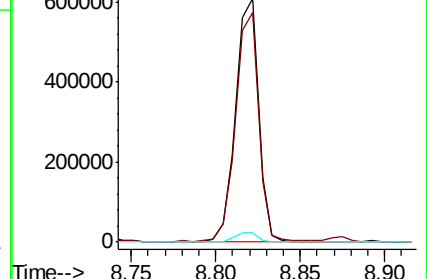
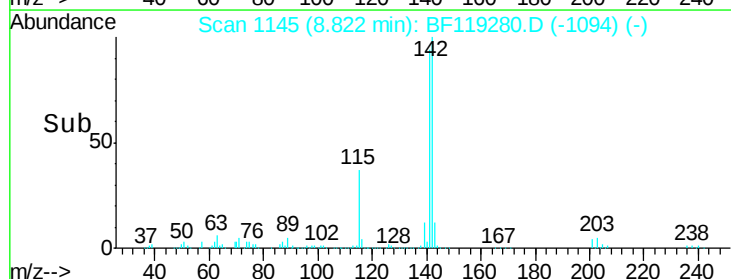
116 3.8 3.1 4.7

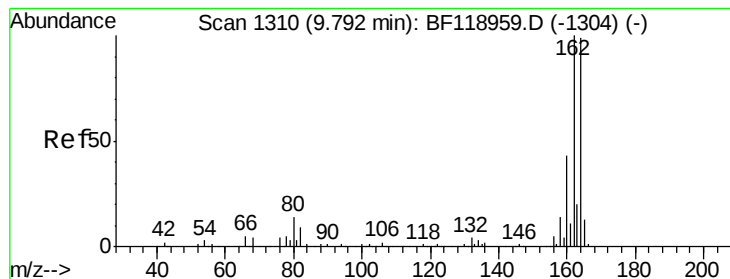


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Instrument :

BNA_F

ClientSampleId :

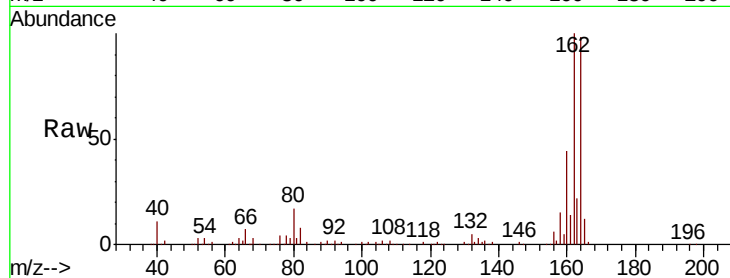
Tot Ion:164 Resp: 240219

Ion Ratio Lower Upper

164 100

162 102.2 81.8 122.8

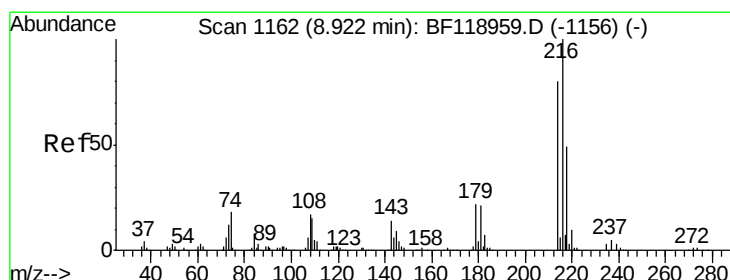
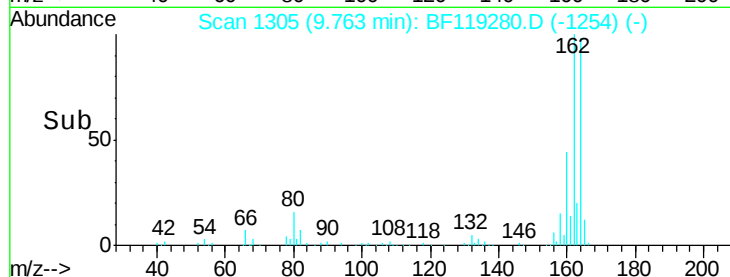
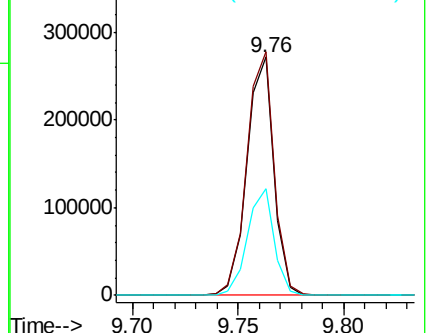
160 44.8 36.0 54.0



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: 39.456 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Tgt Ion:216 Resp: 319563

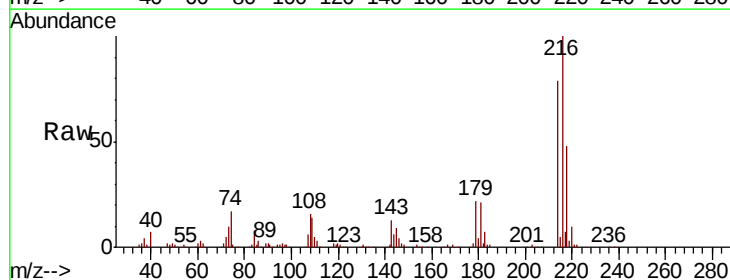
Ion Ratio Lower Upper

216 100

214 78.6 63.3 94.9

179 21.8 17.7 26.5

108 17.4 13.9 20.9

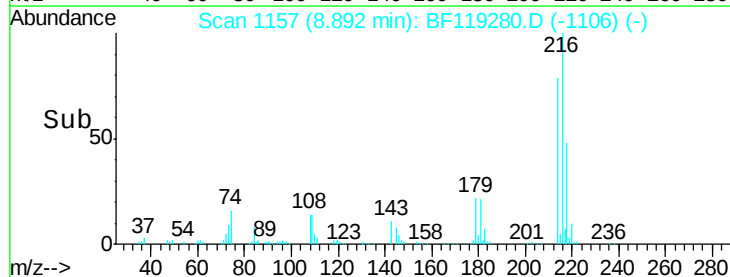
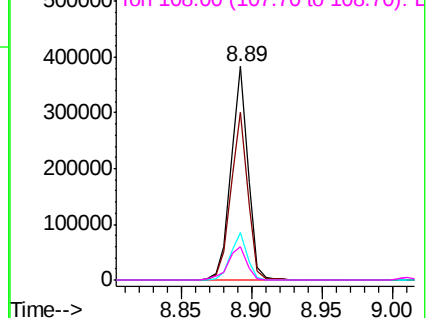


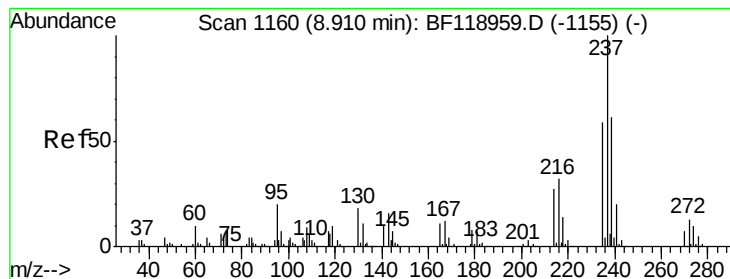
Abundance Ion 216.00 (215.70 to 216.70): E

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: 33.522 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Instrument :

BNA_F

ClientSampled :

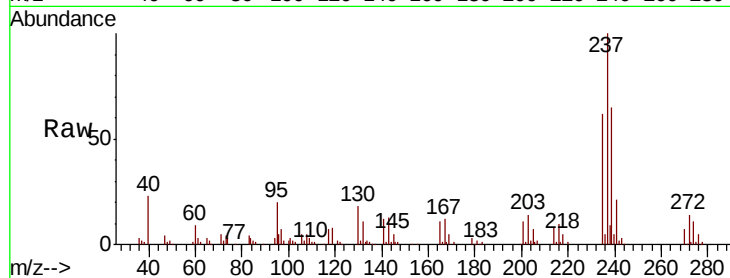
Tot Ion:237 Resp: 80594

Ion Ratio Lower Upper

237 100

235 62.1 42.3 82.3

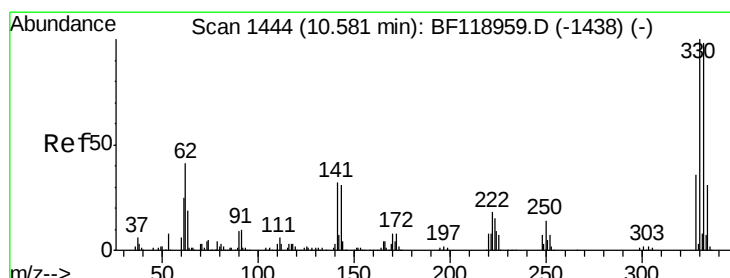
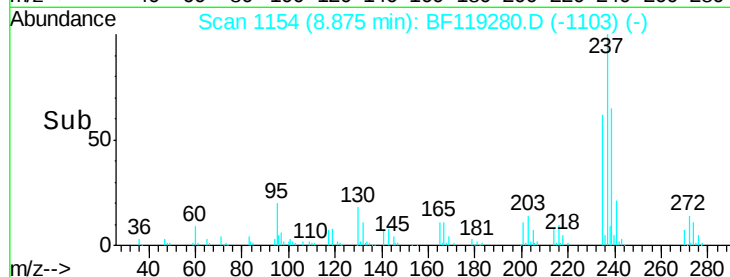
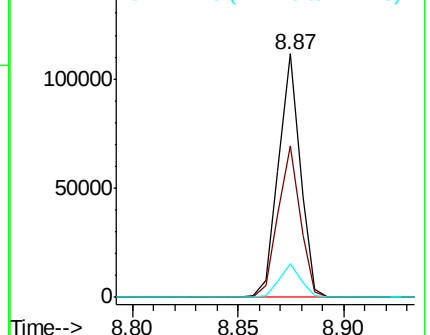
272 13.8 0.0 33.5



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: 78.519 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

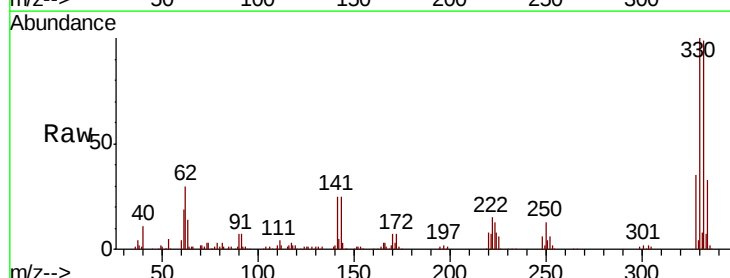
Tgt Ion:330 Resp: 246744

Ion Ratio Lower Upper

330 100

332 97.8 76.0 114.0

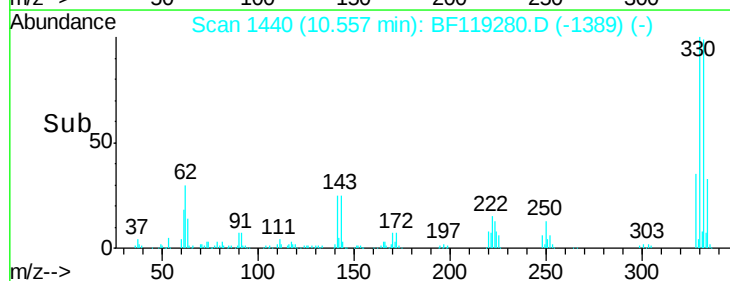
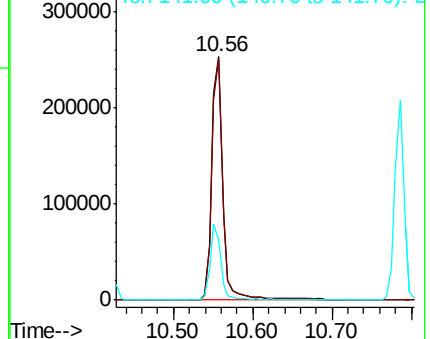
141 30.0 22.9 34.3

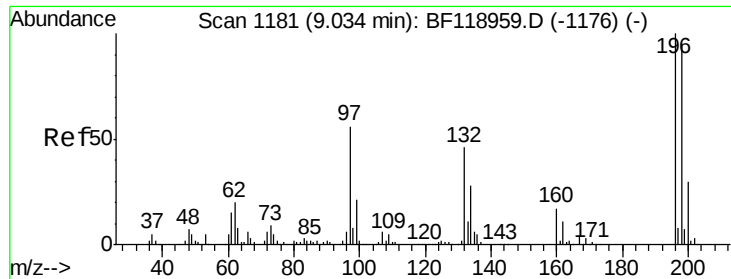


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

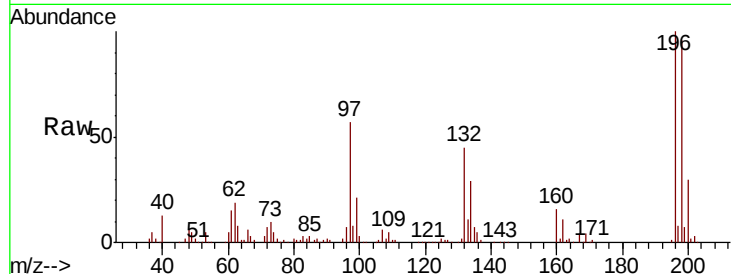




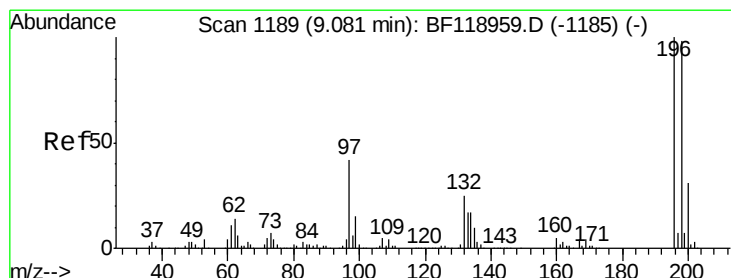
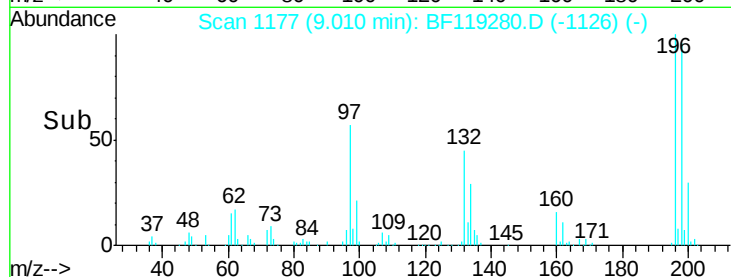
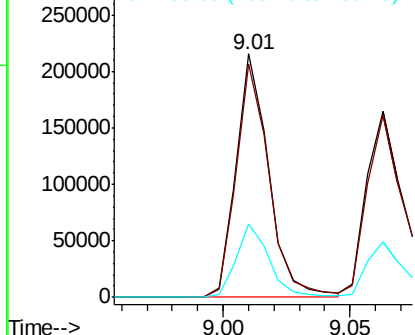
#43
 2,4,6-Trichlorophenol
 Concen: 37.575 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	192181
Ion Ratio	Lower	Upper	
196	100		
198	95.8	77.1	115.7
200	30.0	25.0	37.6

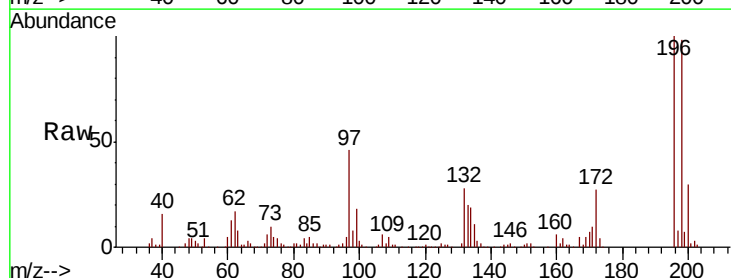


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

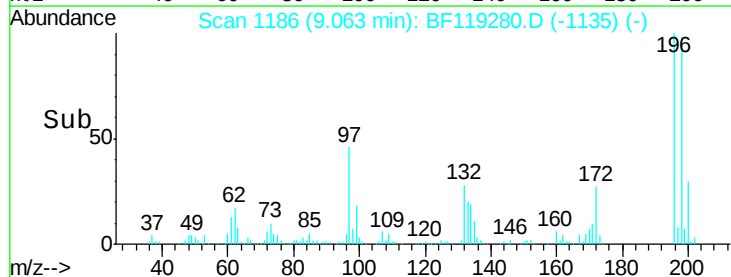
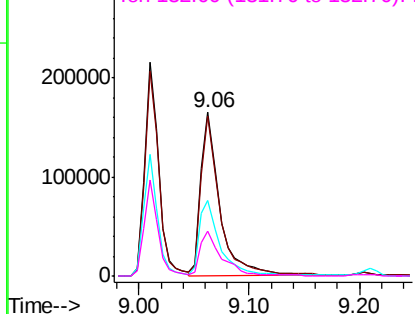


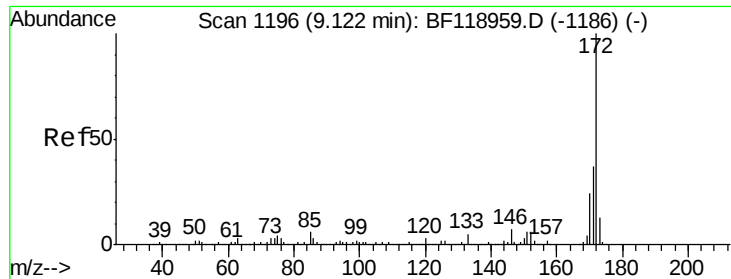
#44
 2,4,5-Trichlorophenol
 Concen: 35.632 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Tgt Ion	196	Resp	191236
Ion Ratio	Lower	Upper	
196	100		
198	97.6	76.8	115.2
97	46.4	38.5	57.7
132	27.7	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

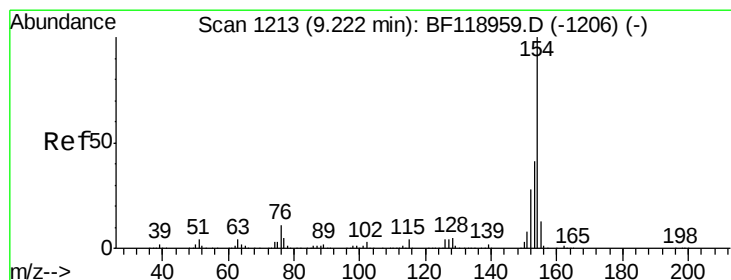
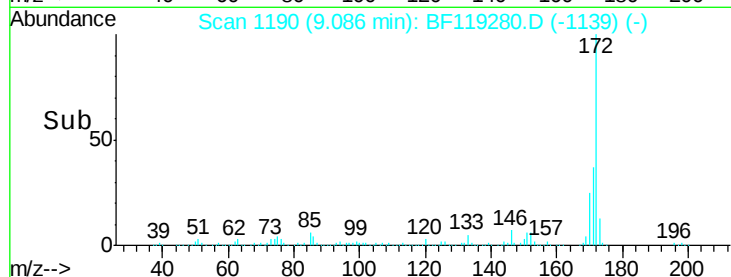
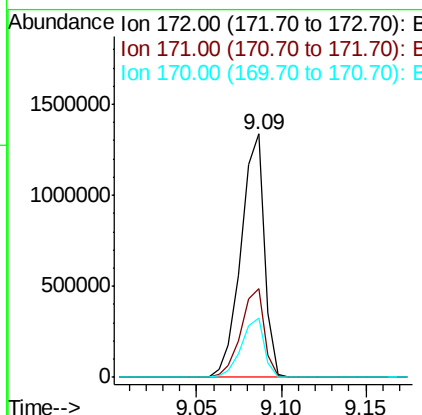
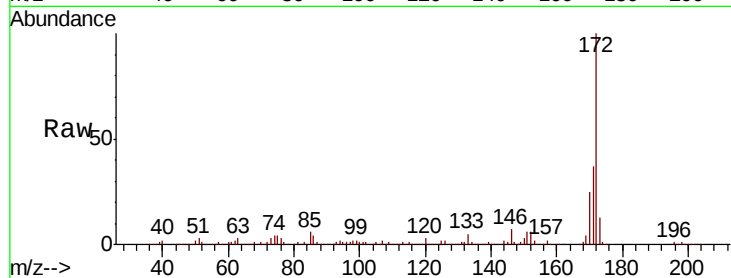




#45
2-Fluorobiphenyl
Concen: 79.390 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

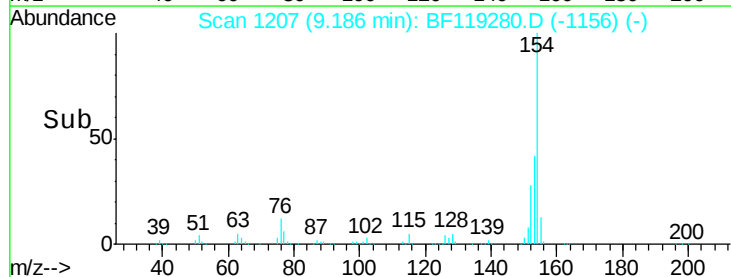
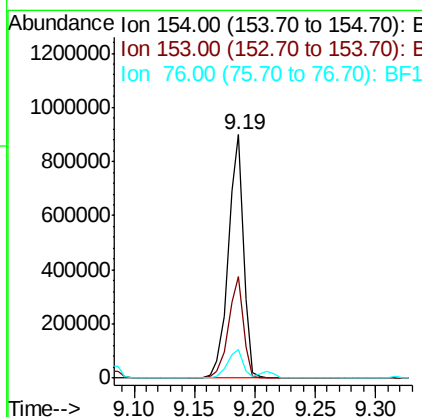
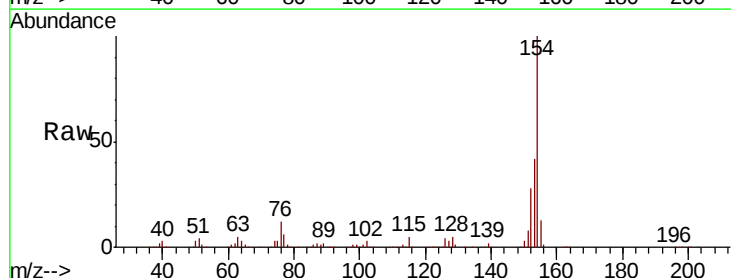
Instrument :
BNA_F
ClientSampleId :

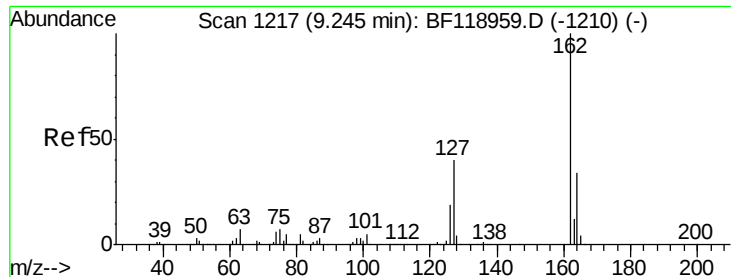
Tot Ion:172 Resp: 1294547
Ion Ratio Lower Upper
172 100
171 36.6 30.6 45.8
170 24.5 20.2 30.2



#46
1,1'-Biphenyl
Concen: 40.381 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Tgt Ion:154 Resp: 783974
Ion Ratio Lower Upper
154 100
153 41.5 22.8 62.8
76 11.6 0.0 32.2

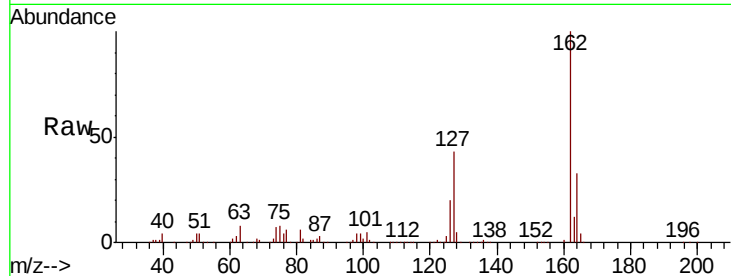




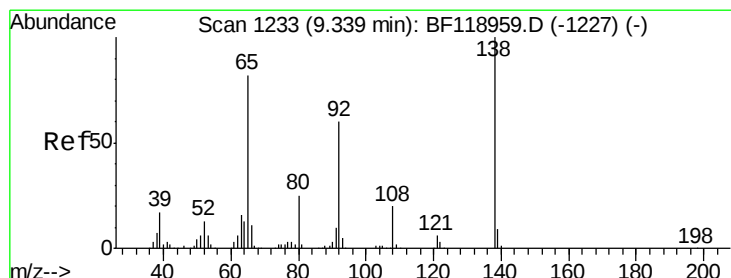
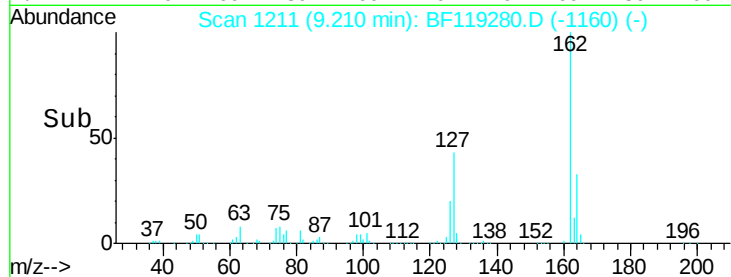
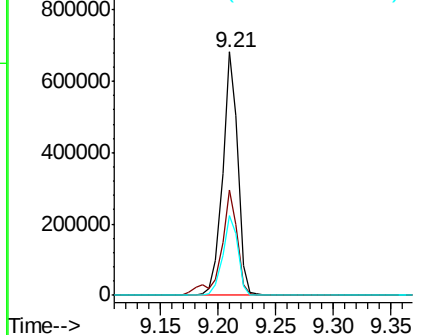
#47
 2-Chloronaphthalene
 Concen: 39.578 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 619211
 Ion Ratio Lower Upper
 162 100
 127 43.2 35.0 52.4
 164 32.9 27.2 40.8

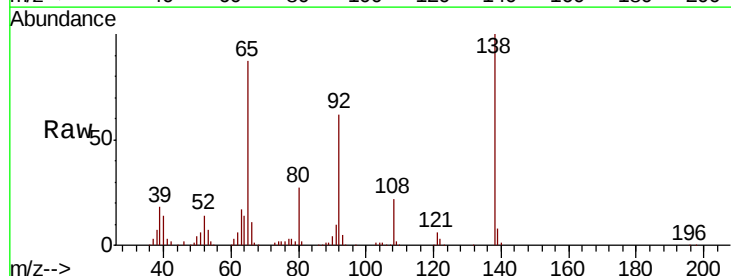


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

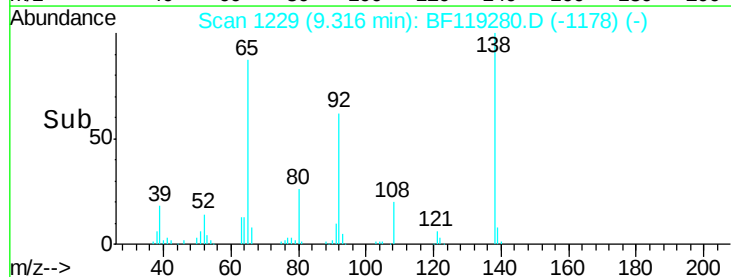
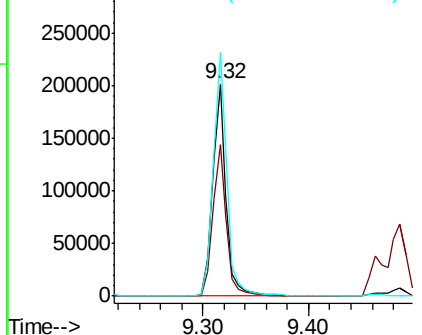


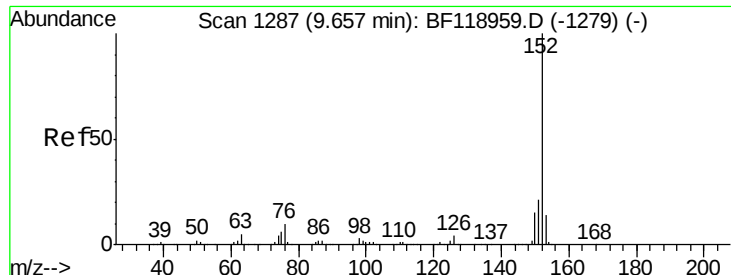
#48
 2-Nitroaniline
 Concen: 41.733 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Tgt Ion: 65 Resp: 182112
 Ion Ratio Lower Upper
 65 100
 92 71.5 58.2 87.2
 138 114.8 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: 39.823 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Instrument :

BNA_F

ClientSampleId :

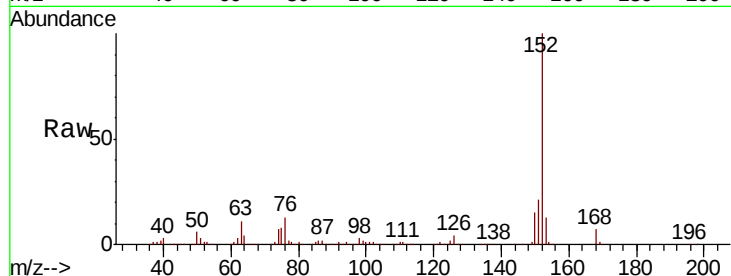
Tot Ion:152 Resp: 899852

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

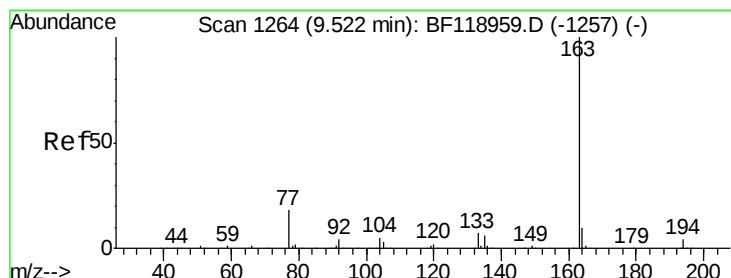
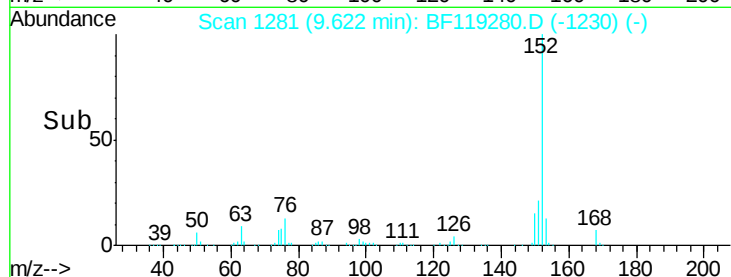
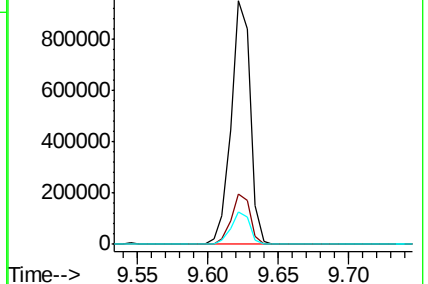
153 13.4 11.0 16.6



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: 40.197 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

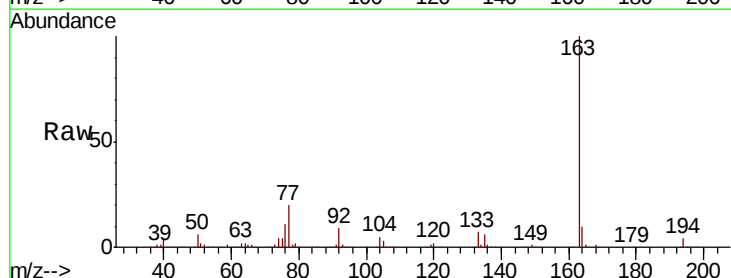
Tgt Ion:163 Resp: 738372

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

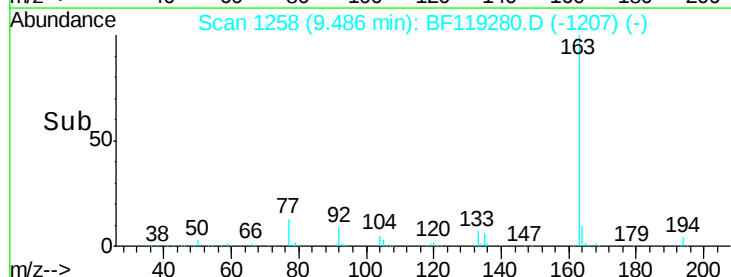
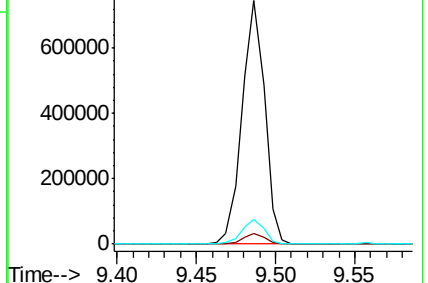
164 10.0 8.4 12.6



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

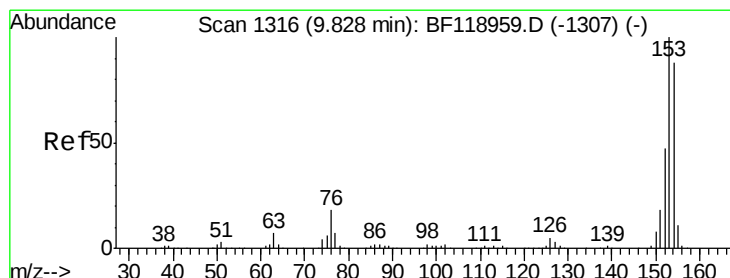
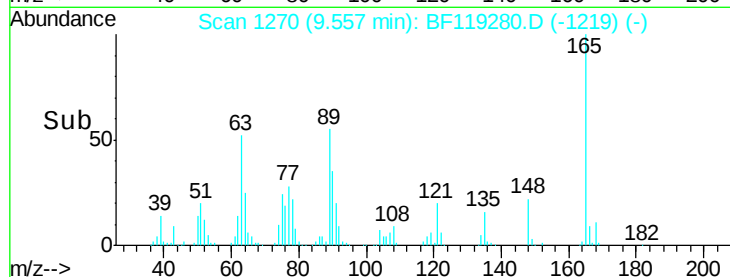
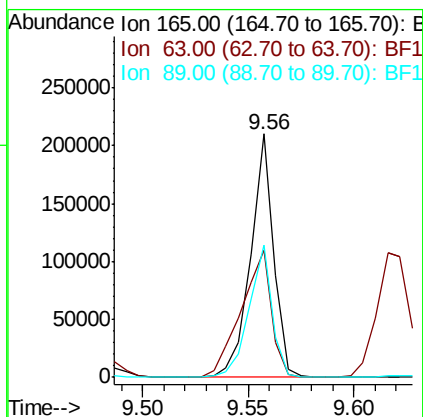
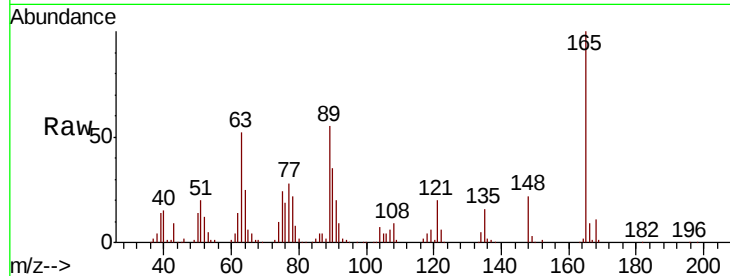




#51
 2,6-Dinitrotoluene
 Concen: 39.063 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

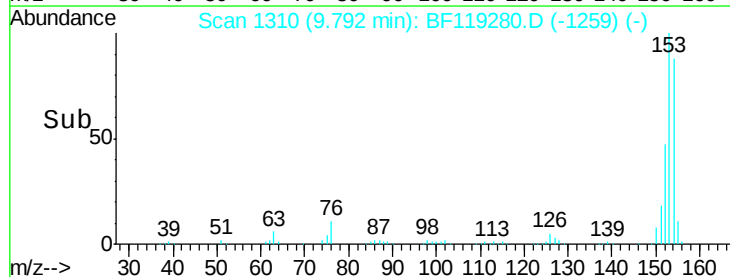
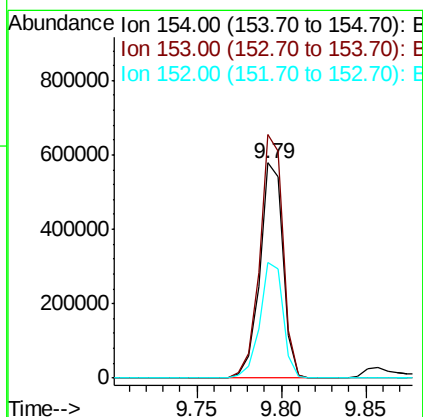
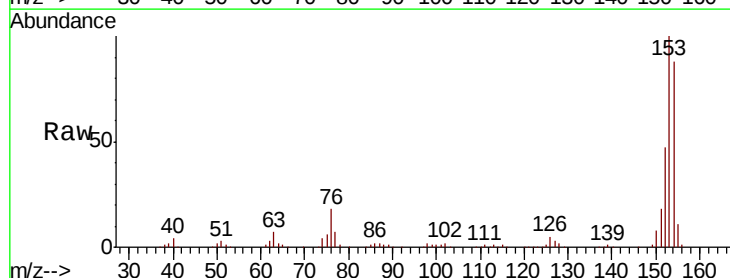
Instrument :
 BNA_F
 ClientSampleId :

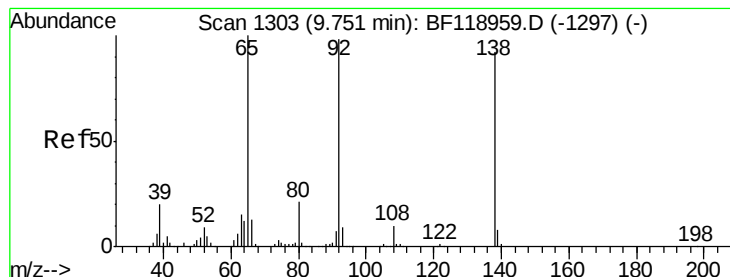
Tot Ion:165 Resp: 159421
 Ion Ratio Lower Upper
 165 100
 63 52.3 34.3 51.5#
 89 54.5 38.3 57.5



#52
 Acenaphthene
 Concen: 40.576 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Tgt Ion:154 Resp: 552853
 Ion Ratio Lower Upper
 154 100
 153 113.2 90.3 135.5
 152 53.5 43.8 65.8





#53

3-Nitroaniline

Concen: 39.802 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Instrument :

BNA_F

ClientSampled :

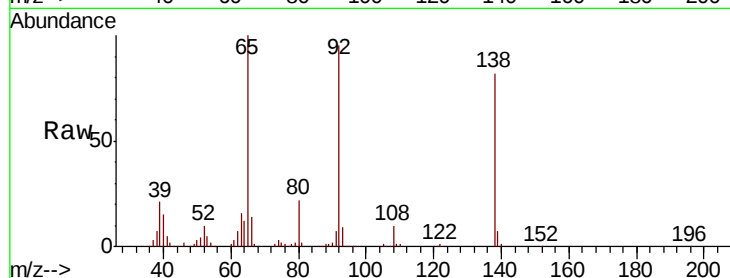
Tot Ion:138 Resp: 180080

Ion Ratio Lower Upper

138 100

108 11.8 8.8 13.2

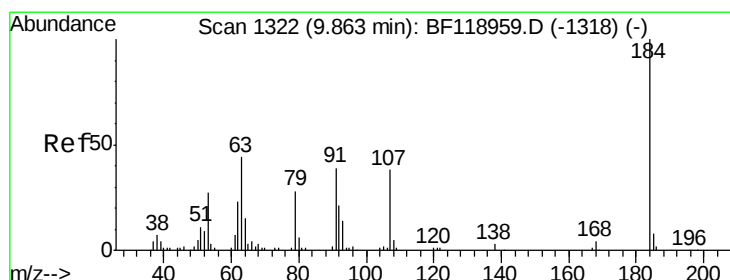
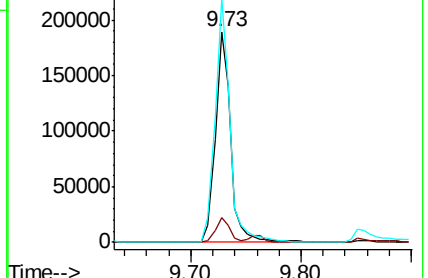
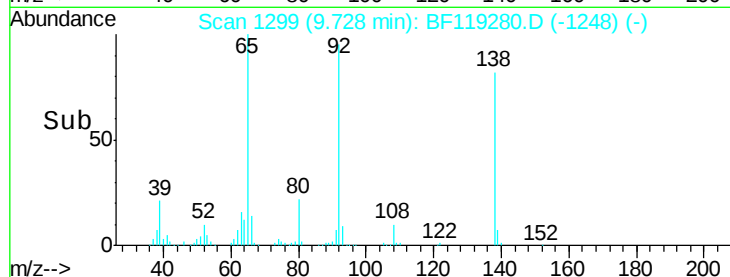
92 115.6 84.8 127.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 41.449 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

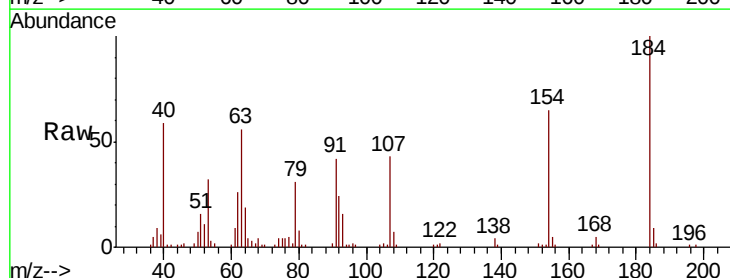
Tgt Ion:184 Resp: 74332

Ion Ratio Lower Upper

184 100

63 56.0 38.7 58.1

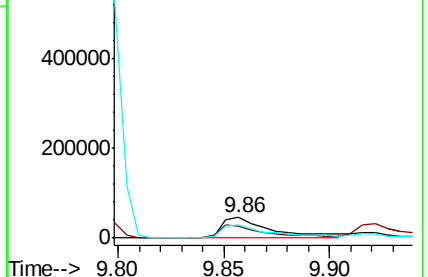
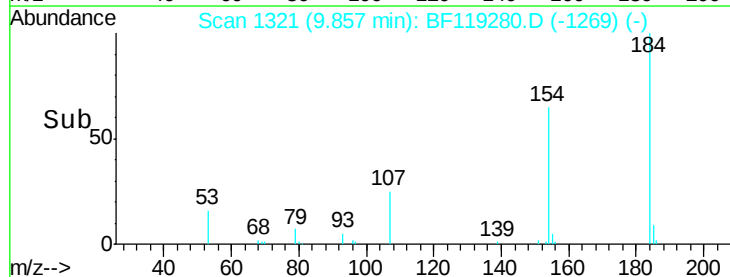
154 65.2 49.7 74.5

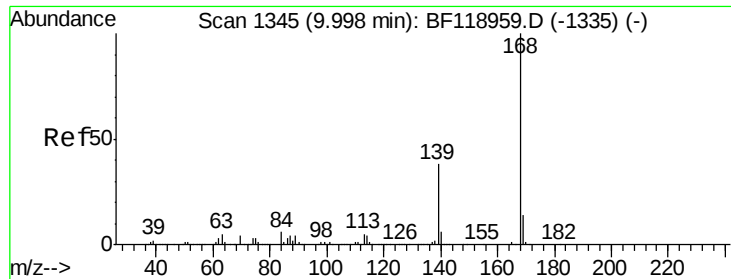


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

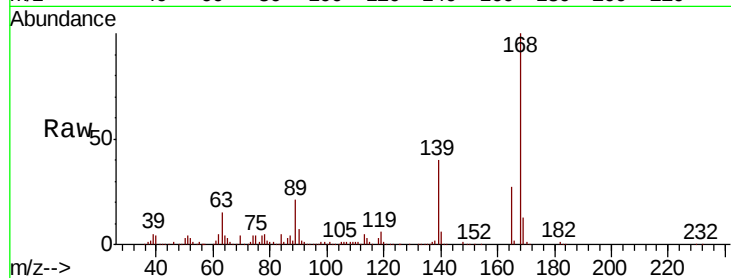




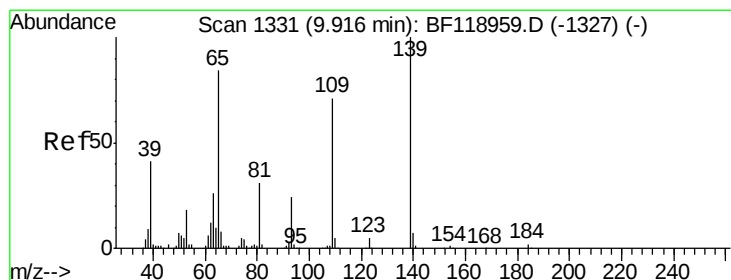
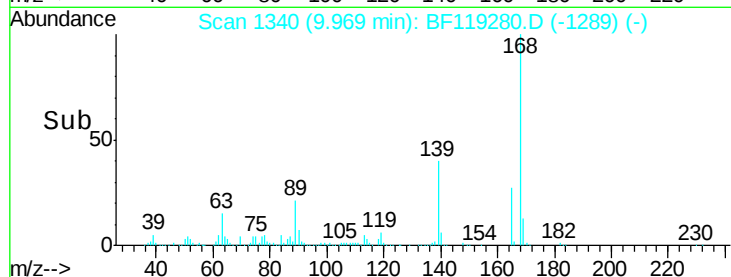
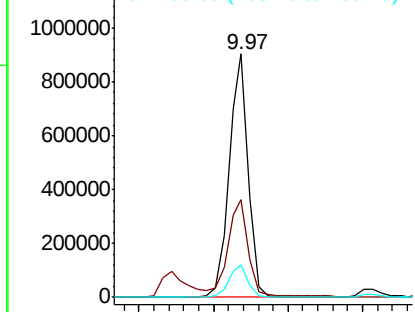
#55
Dibenzenofuran
Concen: 39.863 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 810689
Ion Ratio Lower Upper
168 100
139 40.3 34.0 51.0
169 13.3 11.0 16.4

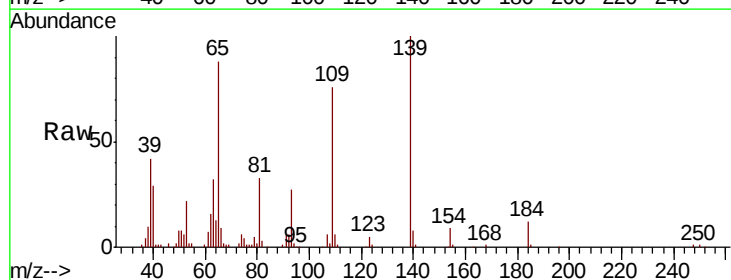


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

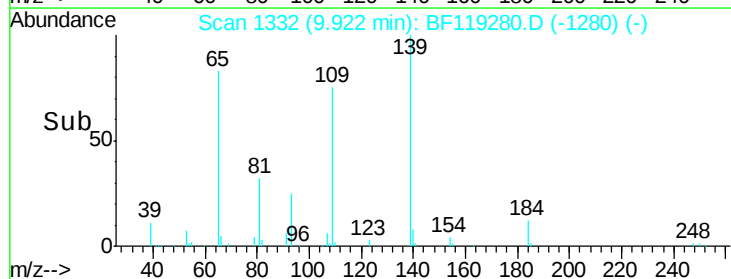
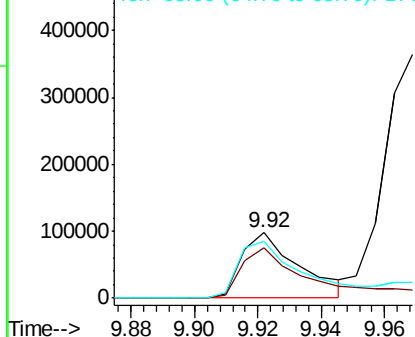


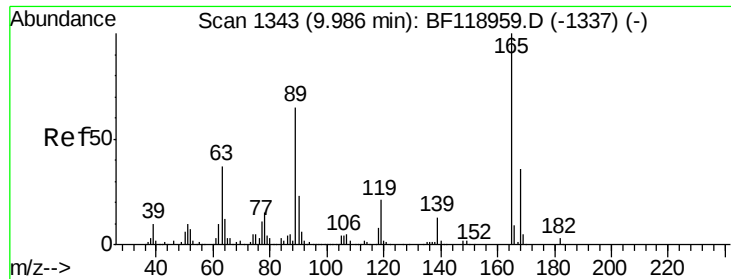
#56
4-Nitrophenol
Concen: 44.823 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Tgt Ion:139 Resp: 121844
Ion Ratio Lower Upper
139 100
109 76.5 56.7 96.7
65 87.5 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

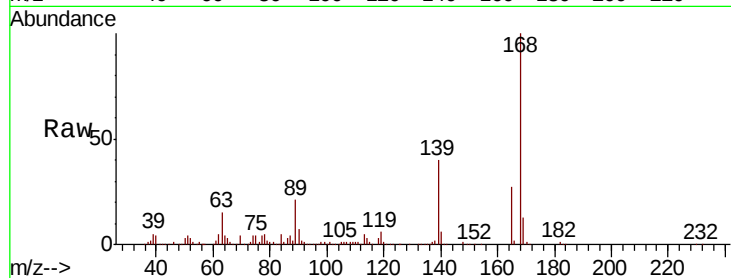




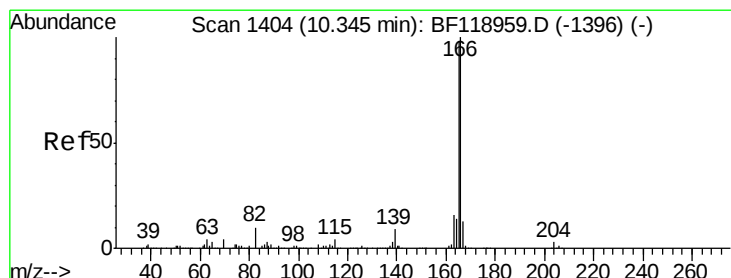
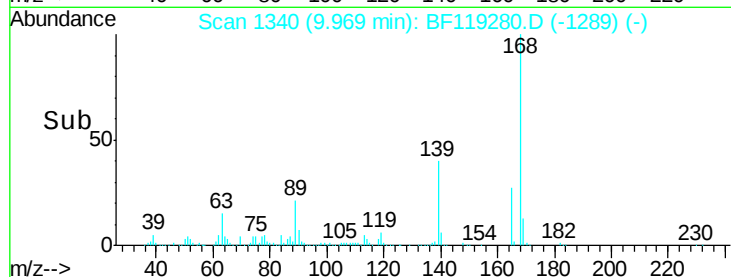
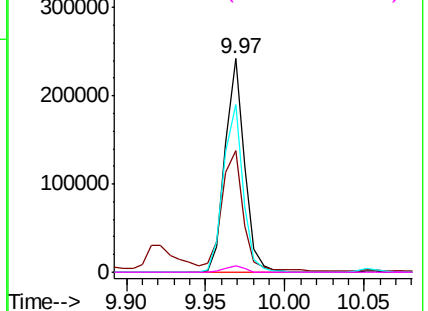
#57
2,4-Dinitrotoluene
Concen: 38.642 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 204408
Ion Ratio Lower Upper
165 100
63 56.7 42.3 63.5
89 78.6 60.2 90.4
182 3.0 2.3 3.5

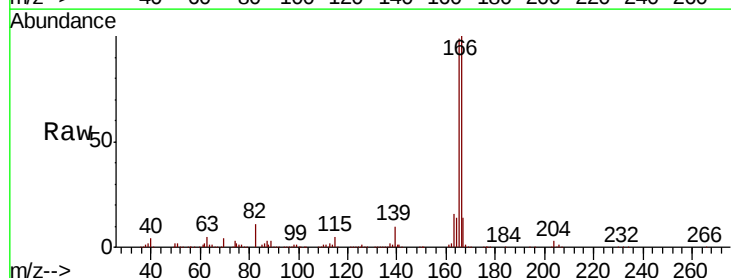


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

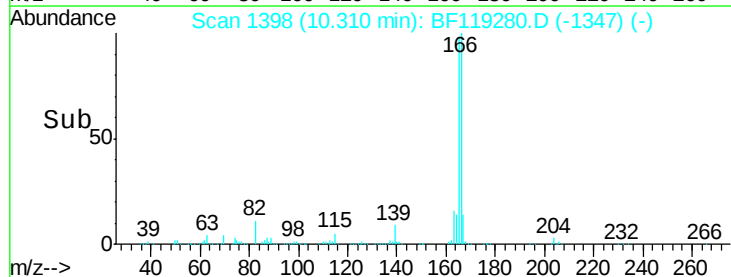
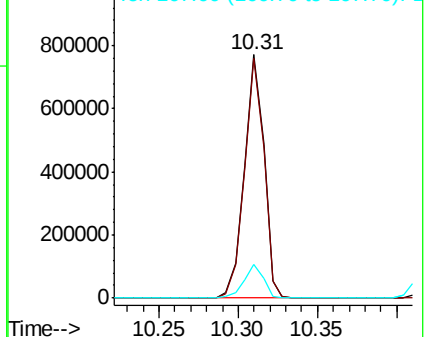


#58
Fluorene
Concen: 41.868 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Tgt Ion:166 Resp: 661635
Ion Ratio Lower Upper
166 100
165 98.5 78.5 117.7
167 13.8 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

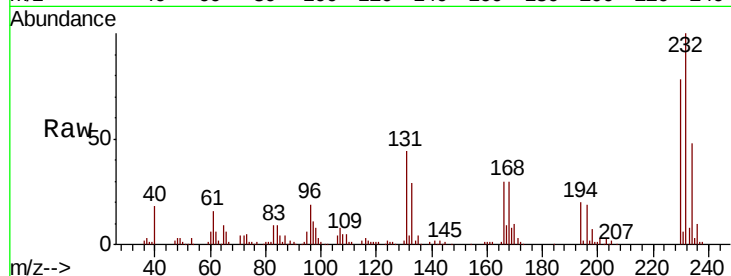




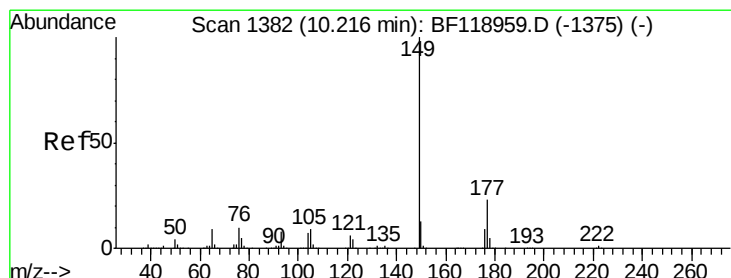
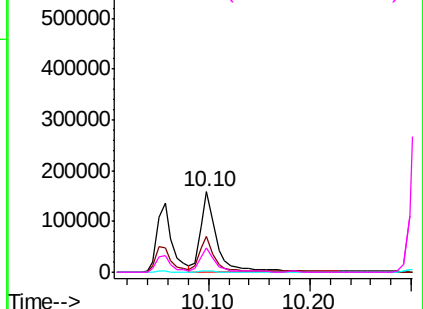
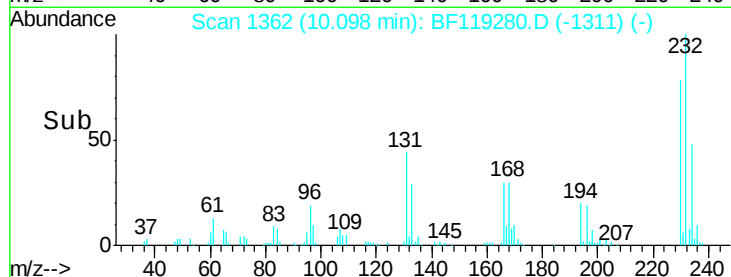
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.677 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 170625
 Ion Ratio Lower Upper
 232 100
 131 43.2 33.8 50.8
 130 2.5 1.8 2.6
 166 28.4 23.0 34.4

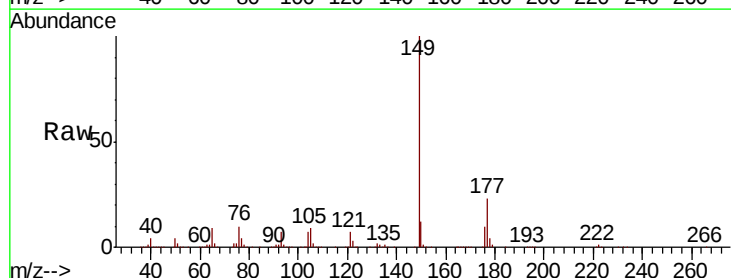


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

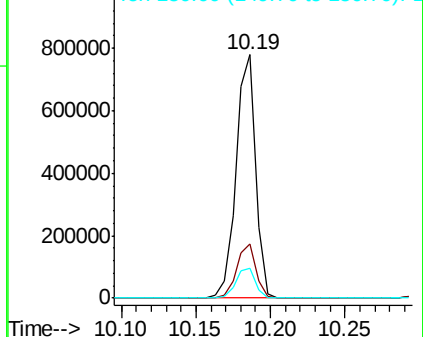
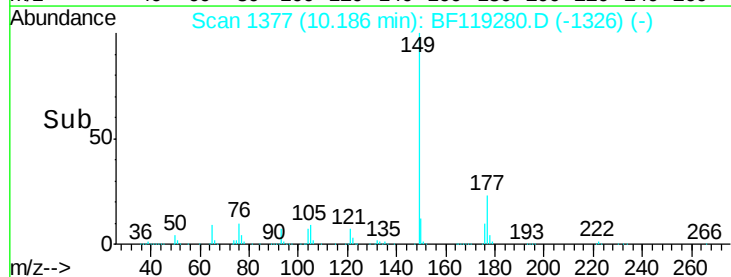


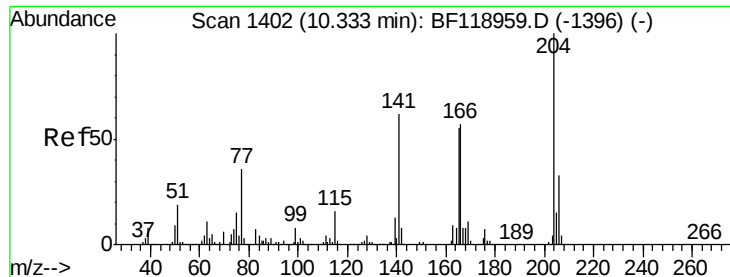
#60
 Diethylphthalate
 Concen: 41.414 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Tgt Ion:149 Resp: 716897
 Ion Ratio Lower Upper
 149 100
 177 22.5 18.2 27.2
 150 12.4 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

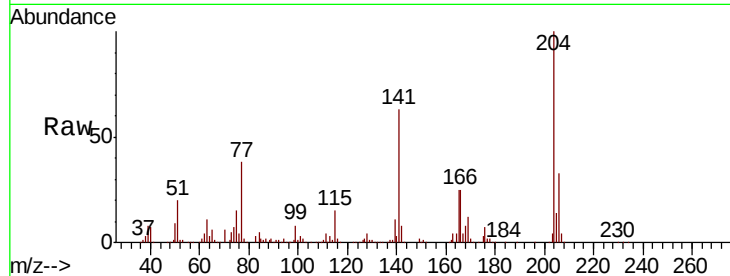




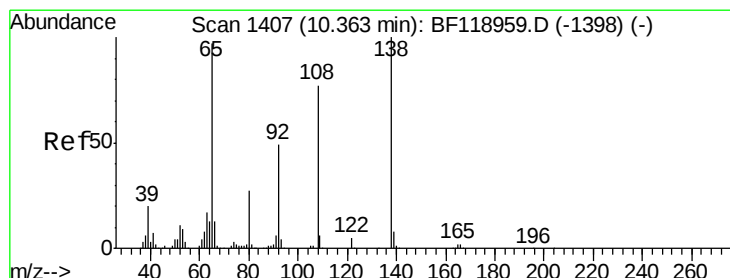
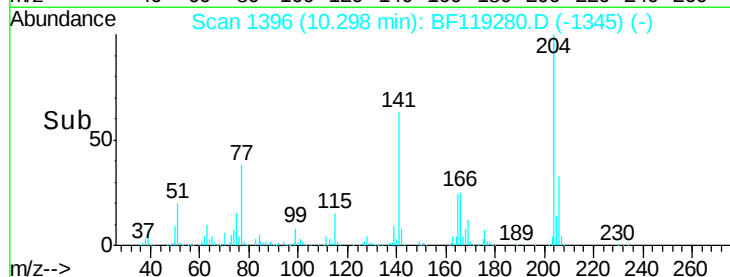
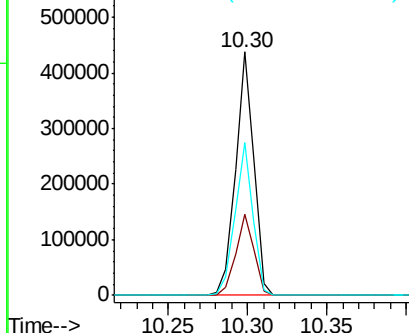
#61
4-Chlorophenyl-phenylether
Concen: 41.772 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 349411
Ion Ratio Lower Upper
204 100
206 33.4 27.1 40.7
141 63.0 52.9 79.3

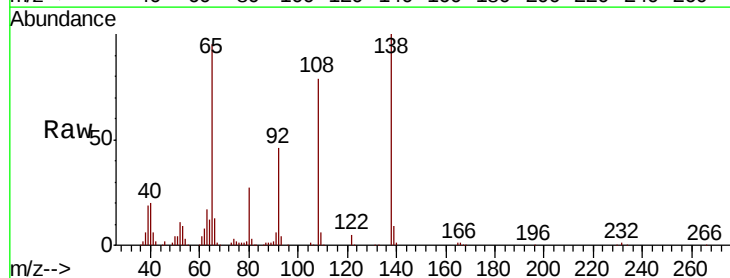


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

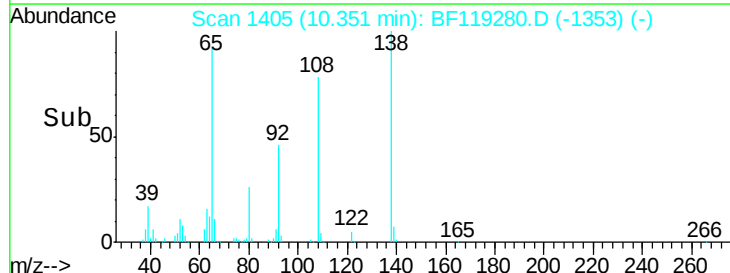
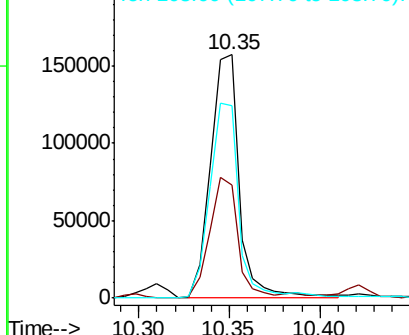


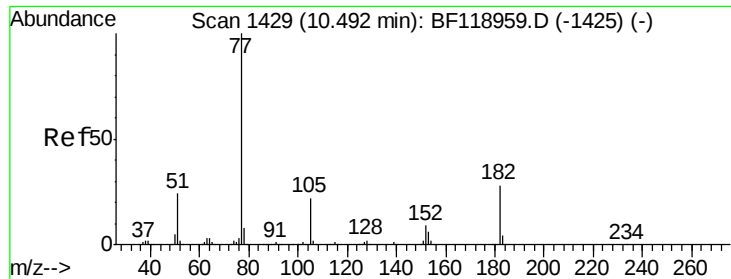
#62
4-Nitroaniline
Concen: 37.698 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Tgt Ion:138 Resp: 174499
Ion Ratio Lower Upper
138 100
92 46.2 27.3 67.3
108 79.2 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

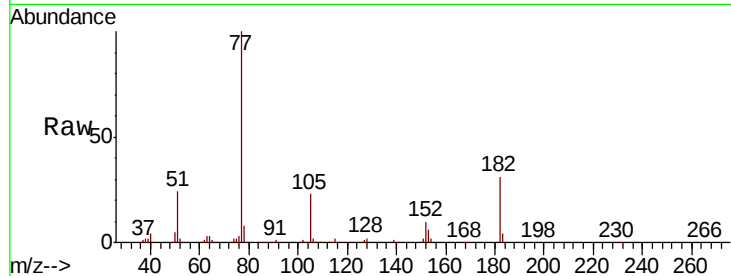




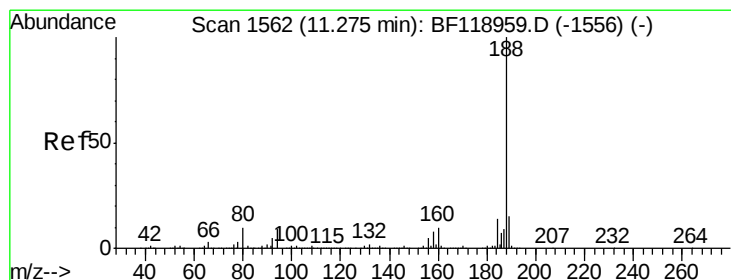
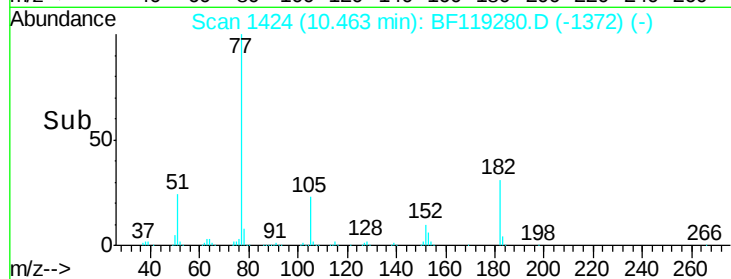
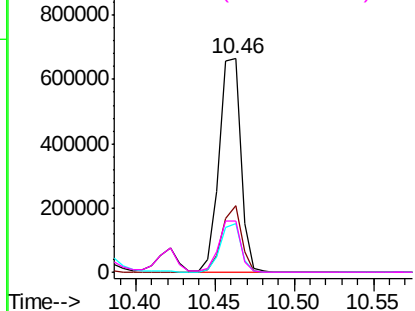
#63
Azobenzene
Concen: 42.011 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 632130
Ion Ratio Lower Upper
77 100
182 31.4 11.4 51.4
105 22.8 3.4 43.4
51 23.8 5.1 45.1

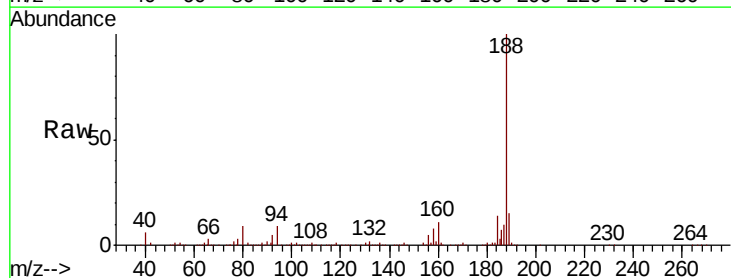


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

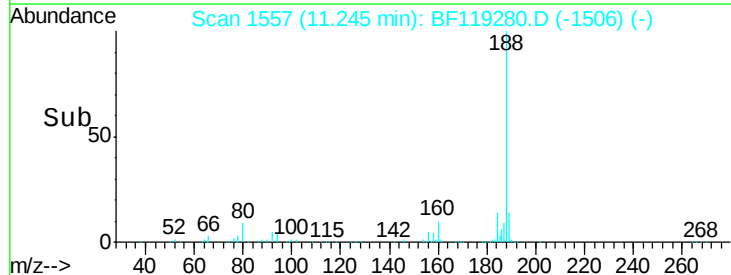
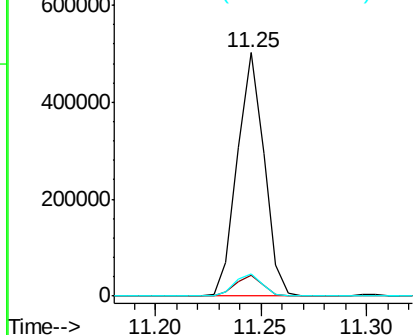


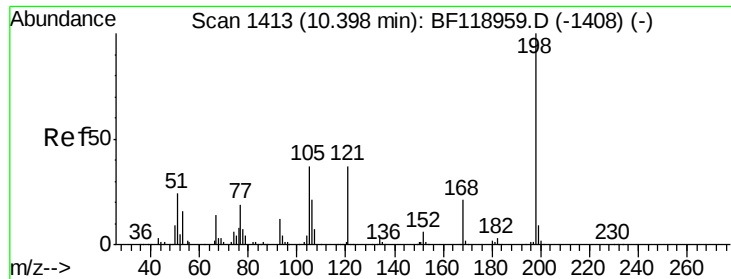
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Tgt Ion: 188 Resp: 442504
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 9.3 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: 38.678 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.01 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Instrument :

BNA_F

ClientSampled :

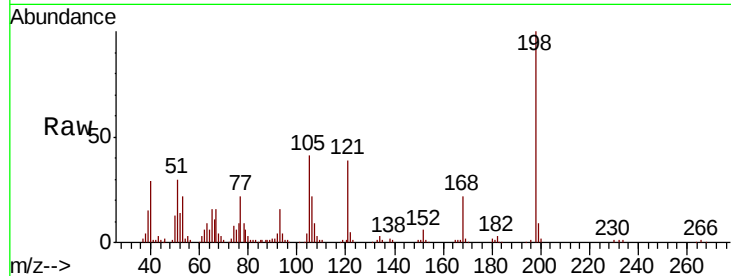
Tot Ion:198 Resp: 103566

Ion Ratio Lower Upper

198 100

51 30.0 14.2 54.2

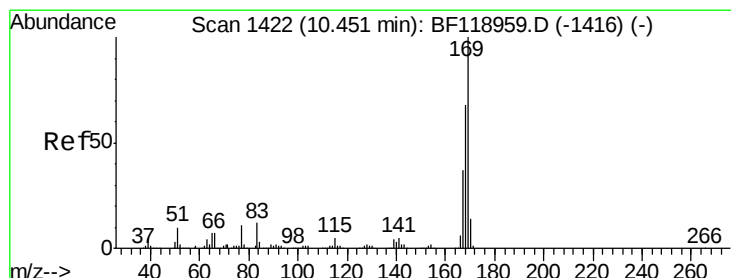
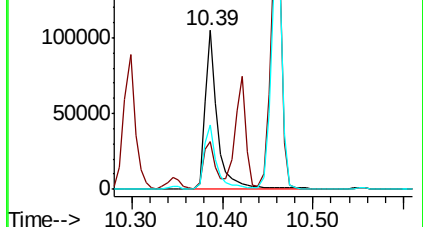
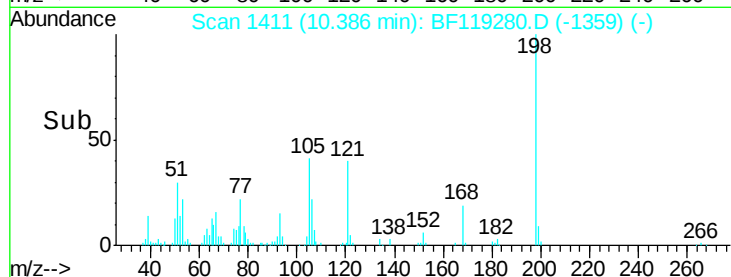
105 40.6 22.7 62.7



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: 40.312 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

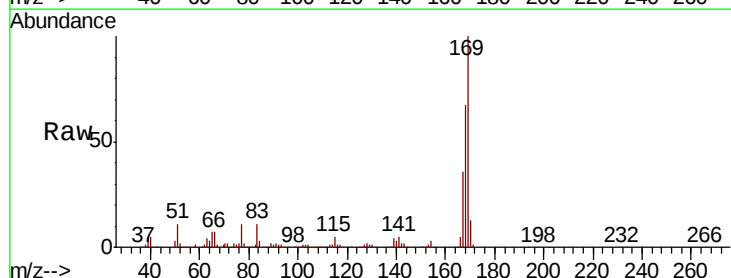
Tgt Ion:169 Resp: 584096

Ion Ratio Lower Upper

169 100

168 67.3 54.1 81.1

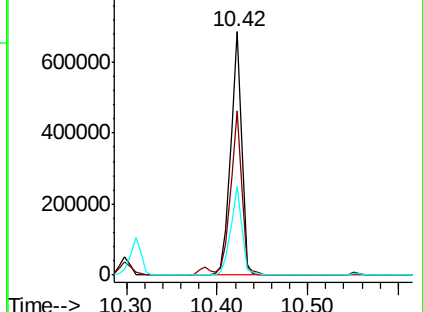
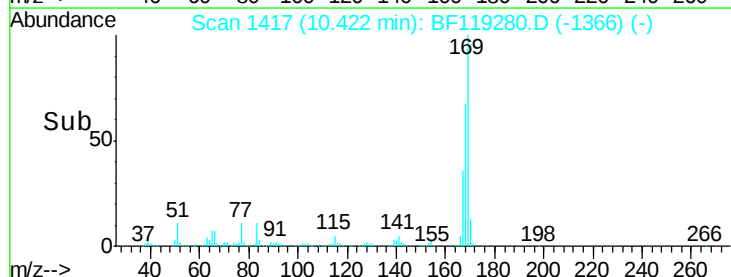
167 36.4 29.4 44.0

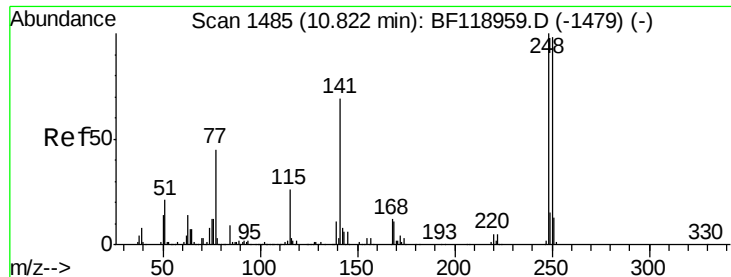


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

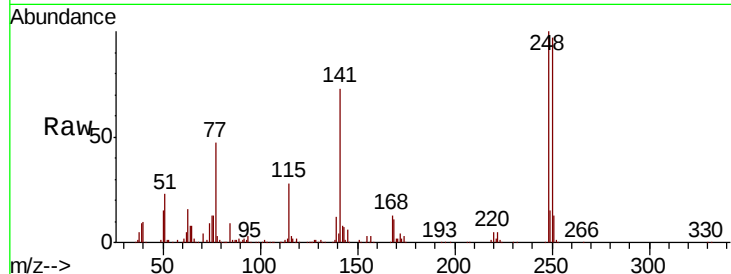




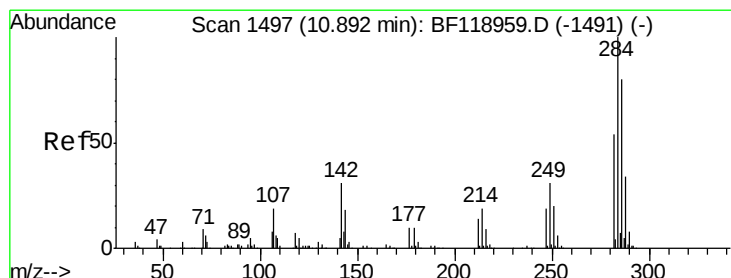
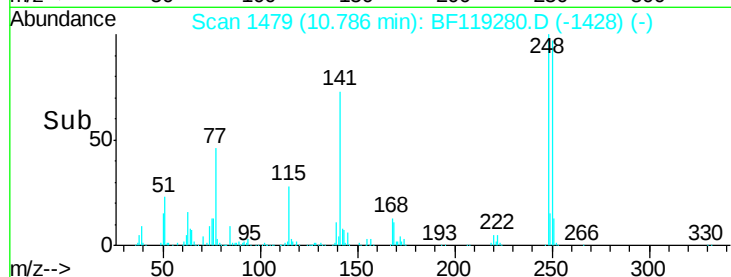
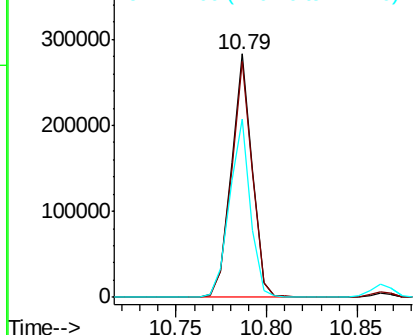
#67
4-Bromophenyl-phenylether
Concen: 39.210 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 226792
Ion Ratio Lower Upper
248 100
250 96.9 76.7 115.1
141 73.2 60.7 91.1

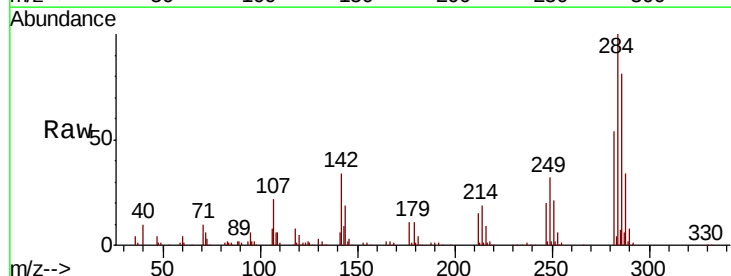


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

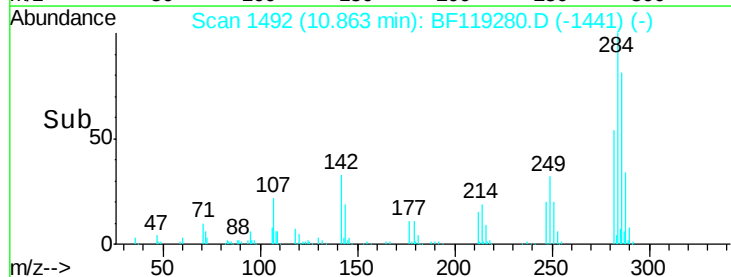
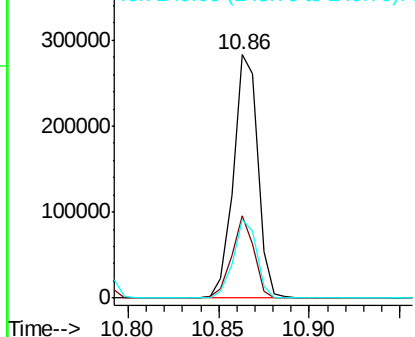


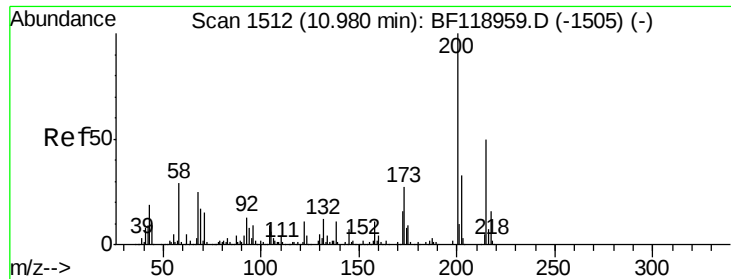
#68
Hexachlorobenzene
Concen: 39.662 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Tgt Ion:284 Resp: 264496
Ion Ratio Lower Upper
284 100
142 33.7 23.7 35.5
249 32.3 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

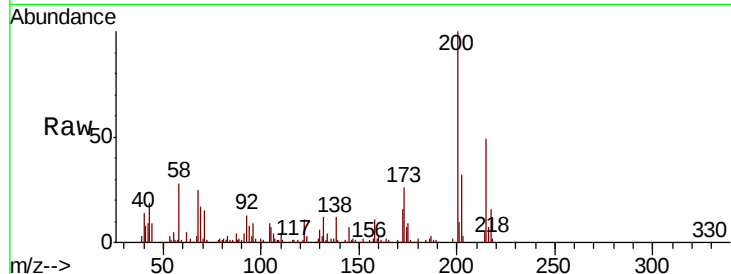




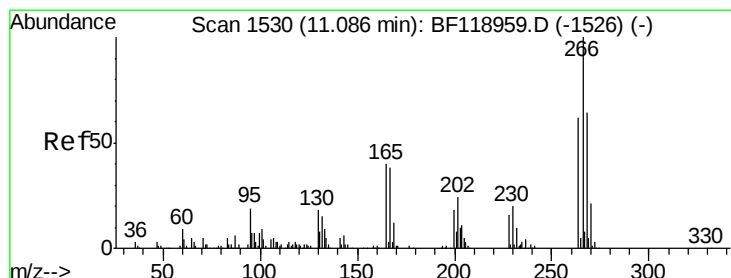
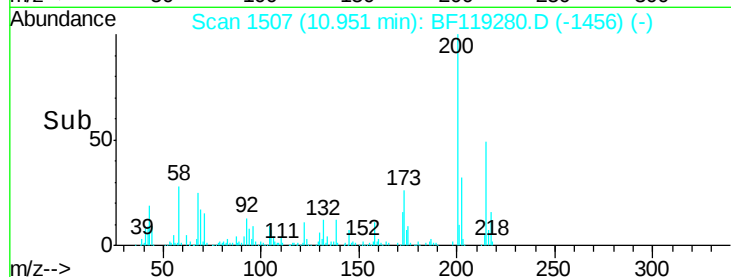
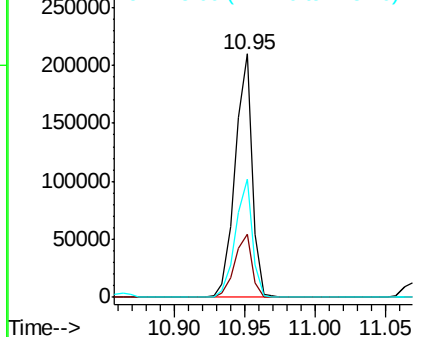
#69
 Atrazine
 Concen: 34.972 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.4	46.4
215	48.7	27.4	67.4

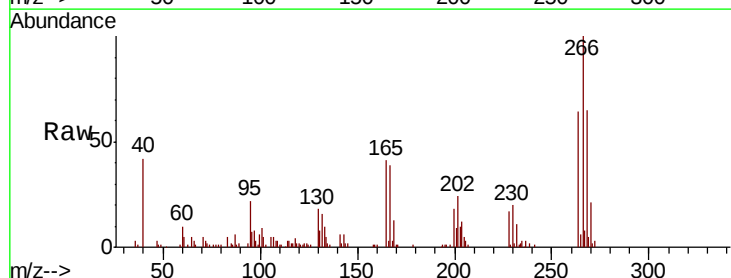


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

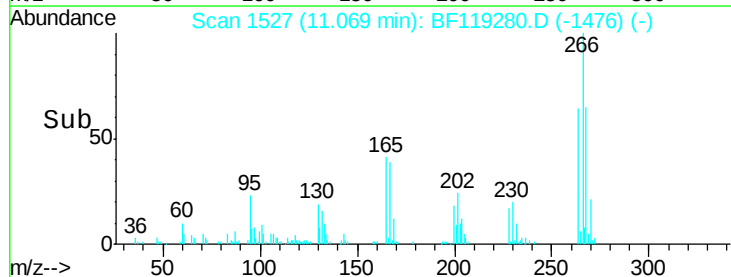
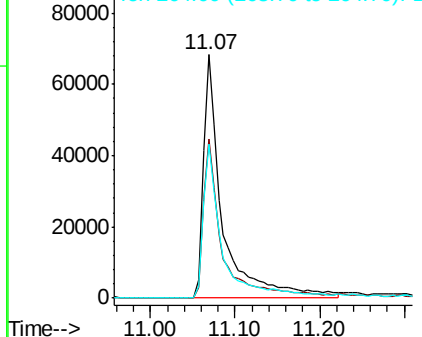


#70
 Pentachlorophenol
 Concen: 40.085 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.9	77.9
264	63.5	51.0	76.4



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

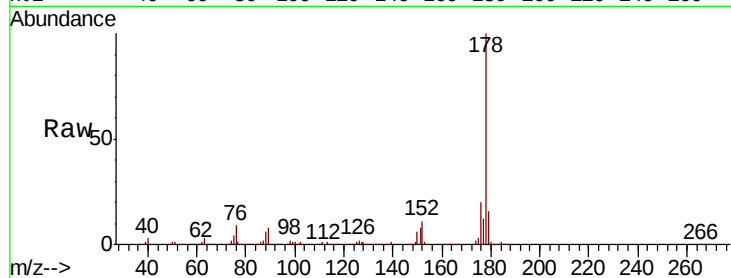




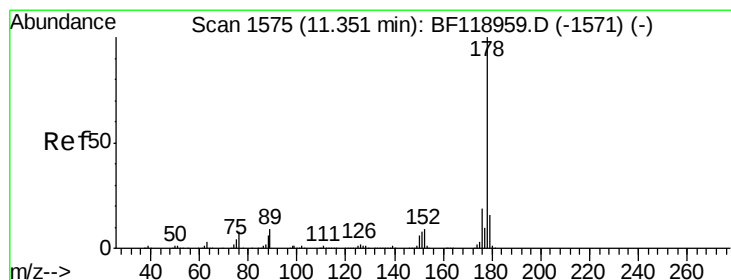
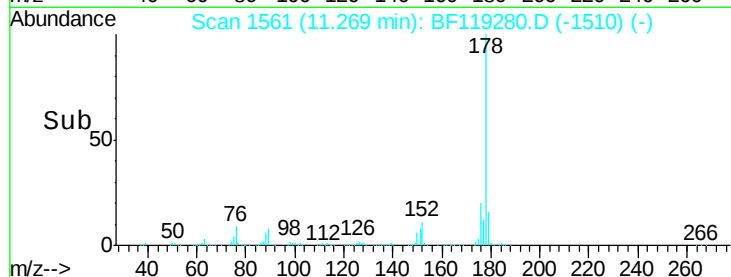
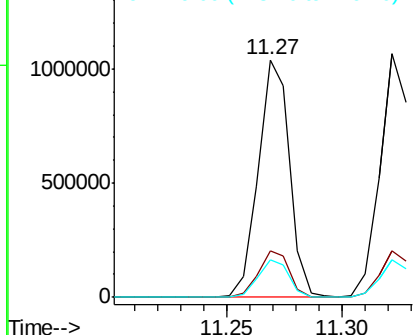
#71
Phenanthrene
Concen: 40.776 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 984004
Ion Ratio Lower Upper
178 100
176 19.6 16.5 24.7
179 15.9 13.0 19.6

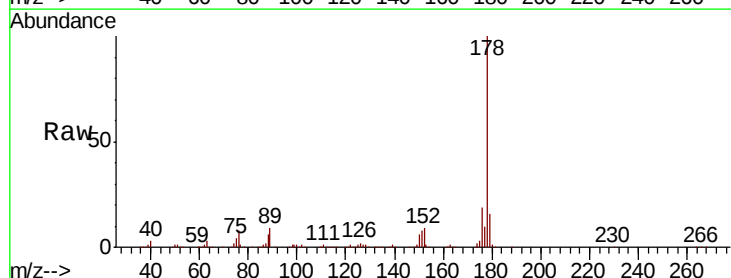


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

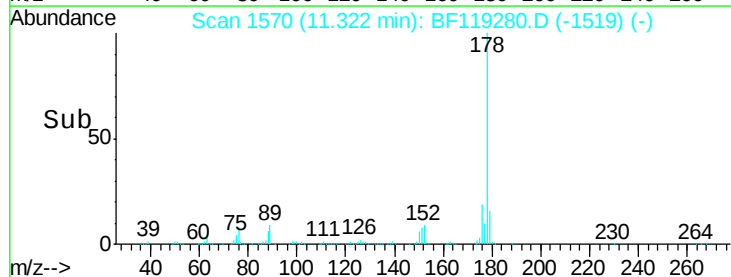
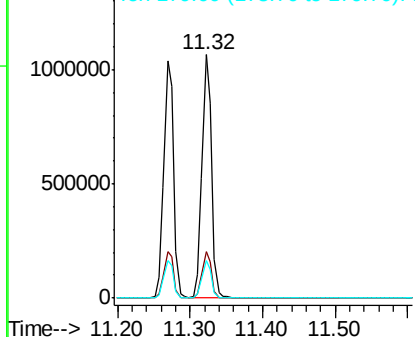


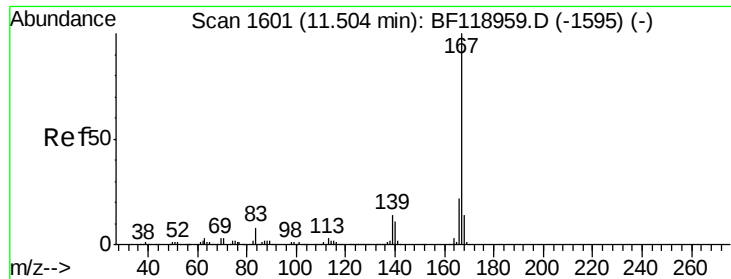
#72
Anthracene
Concen: 40.922 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Tgt Ion:178 Resp: 986717
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.5 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

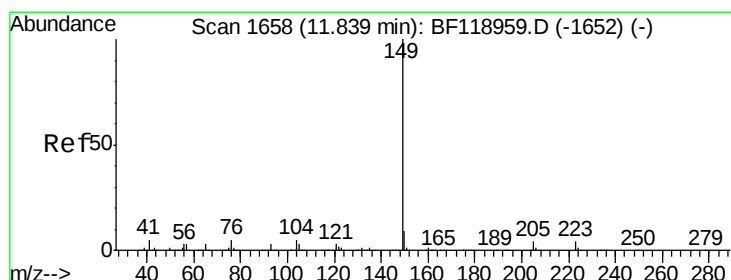
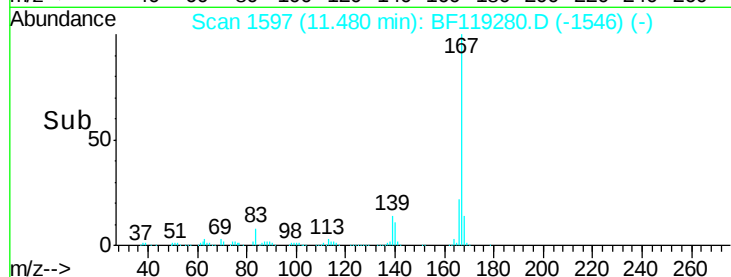
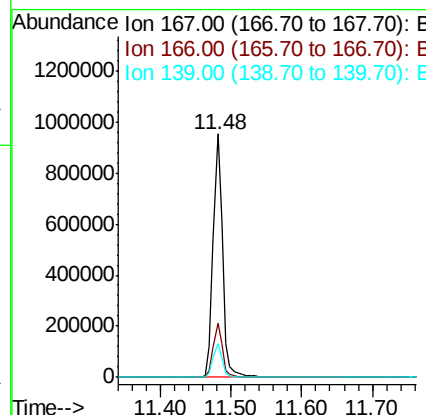
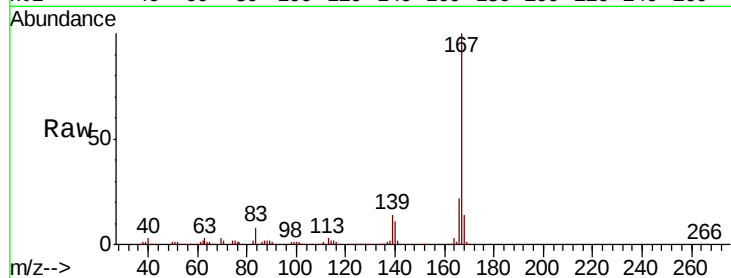




#73
 Carbazole
 Concen: 41.183 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

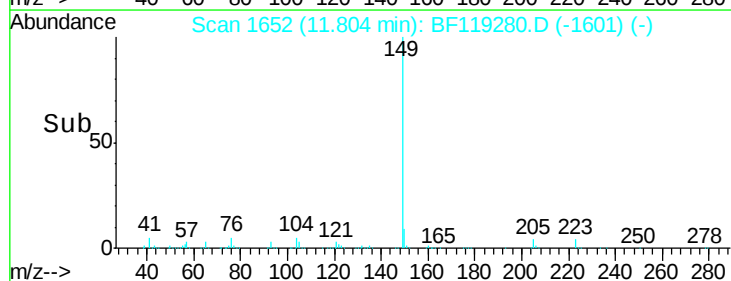
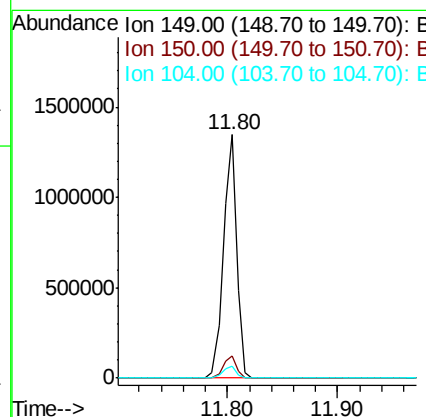
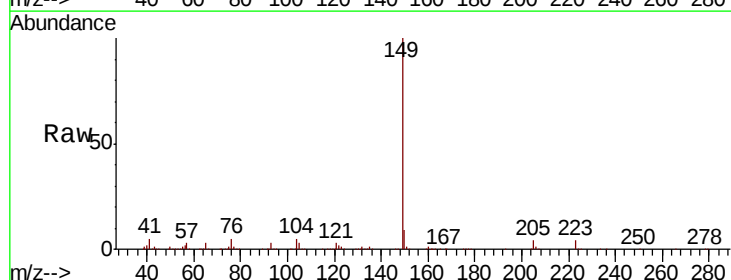
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 884649
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.4
 139 13.9 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 42.850 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Tgt Ion:149 Resp: 1114673
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.9 11.9
 104 5.0 4.6 6.8

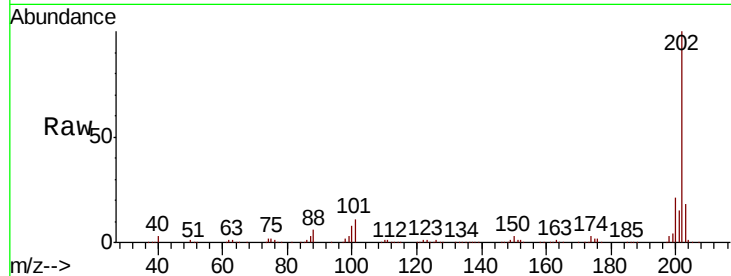




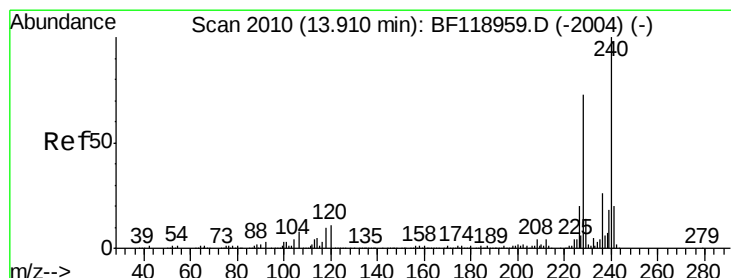
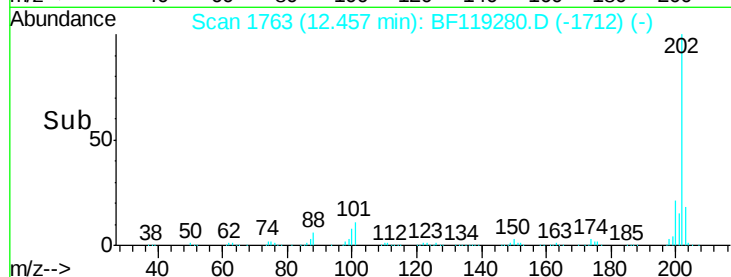
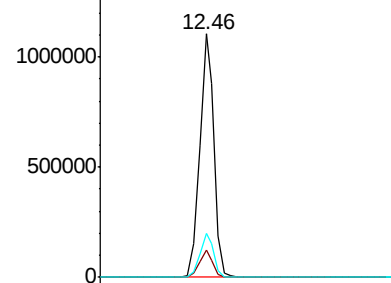
#75
 Fluoranthene
 Concen: 41.053 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1051578
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 30.3
 203 17.9 0.0 38.4

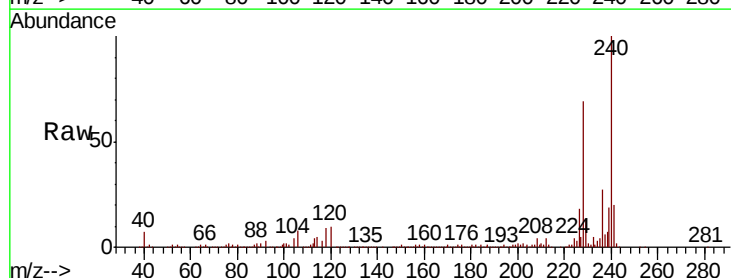


Abundance Ion 202.00 (201.70 to 202.70): E
 1500000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

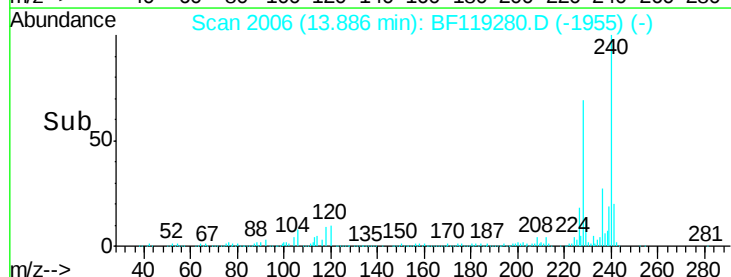
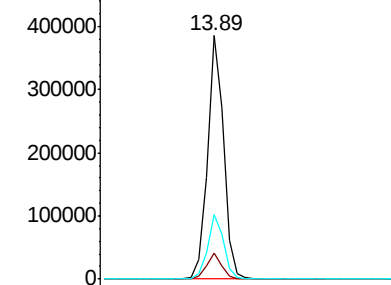


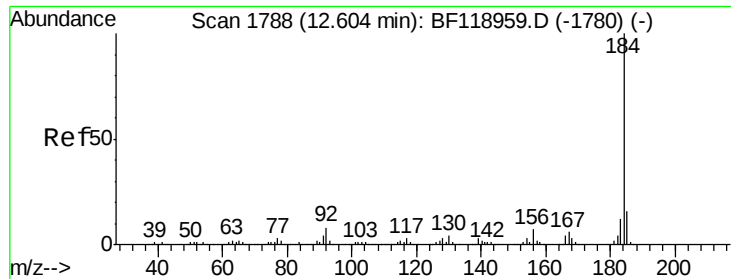
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Tgt Ion:240 Resp: 329177
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.4 12.6
 236 26.7 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
 500000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.263 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Instrument :

BNA_F

ClientSampleId :

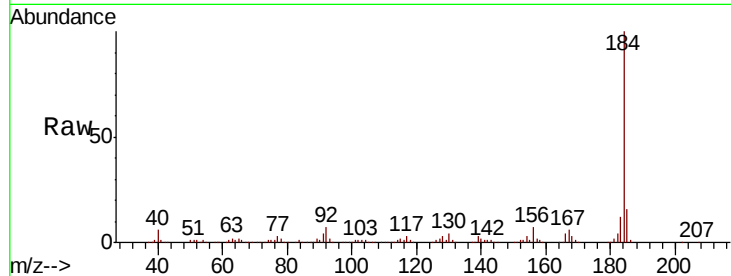
Tot Ion:184 Resp: 525624

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.4

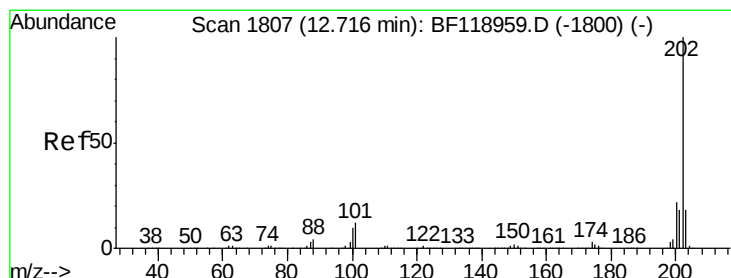
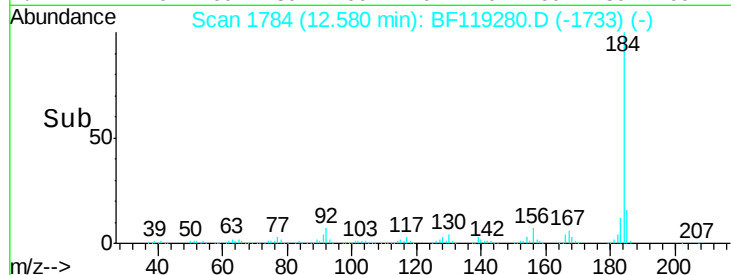
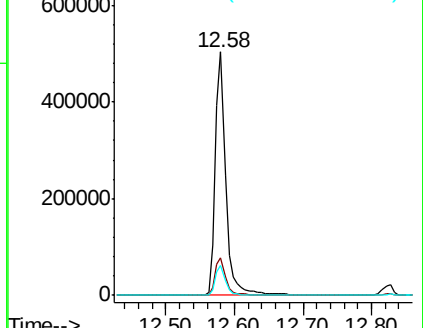
183 12.2 9.9 14.9



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: 39.453 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

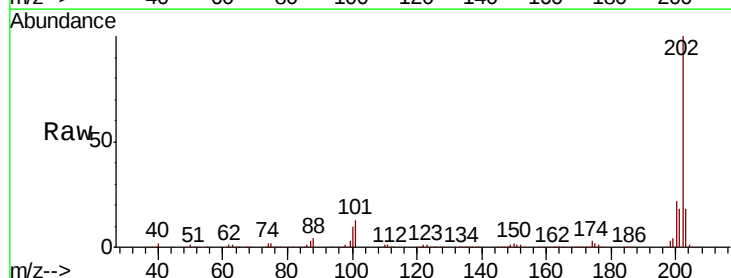
Tgt Ion:202 Resp: 1042851

Ion Ratio Lower Upper

202 100

200 22.2 18.0 27.0

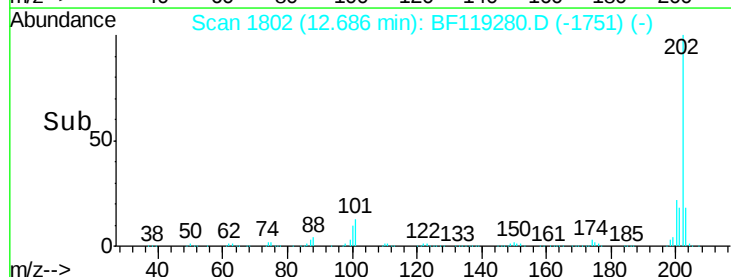
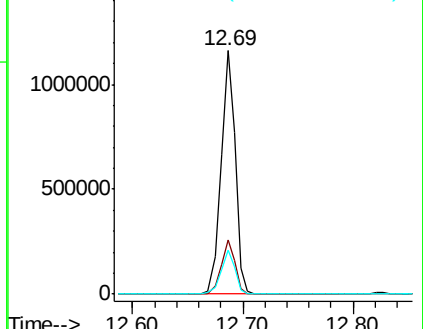
203 18.0 14.6 22.0

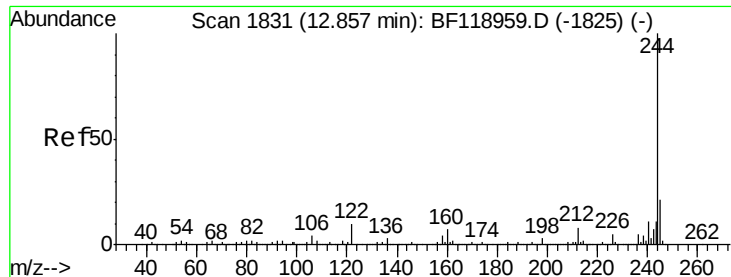


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.506 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Instrument :

BNA_F

ClientSampleId :

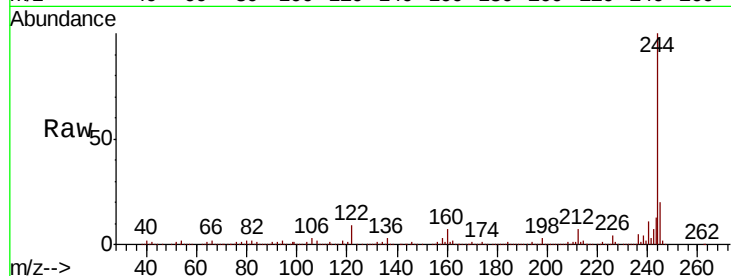
Tot Ion:244 Resp: 1596596

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

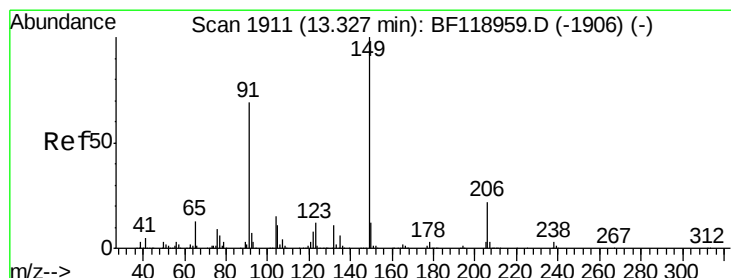
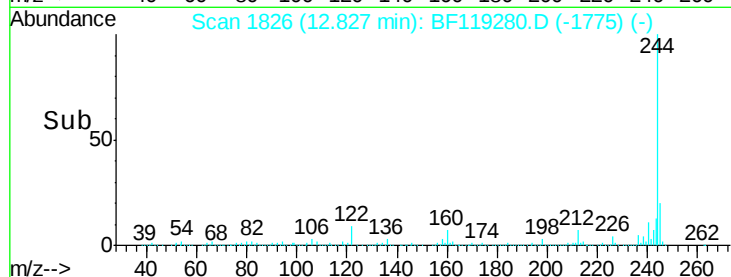
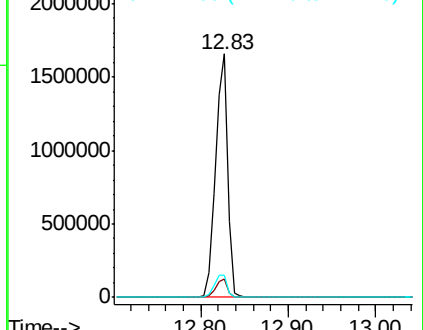
122 9.1 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.807 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

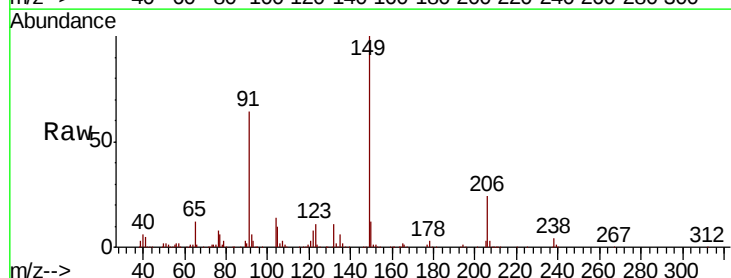
Tgt Ion:149 Resp: 465090

Ion Ratio Lower Upper

149 100

91 63.7 52.3 78.5

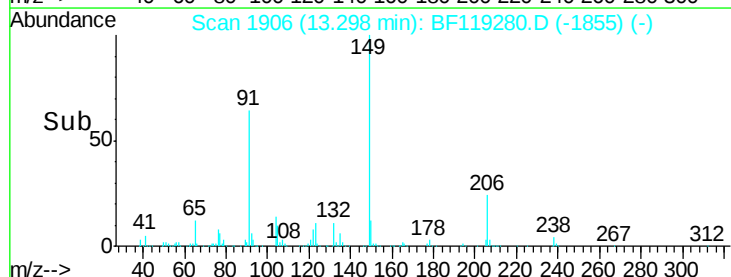
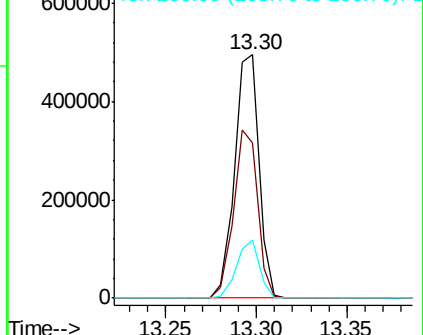
206 23.6 18.5 27.7

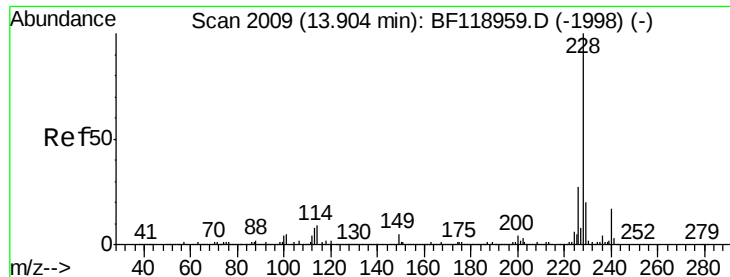


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.462 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

Instrument :

BNA_F

ClientSampleId :

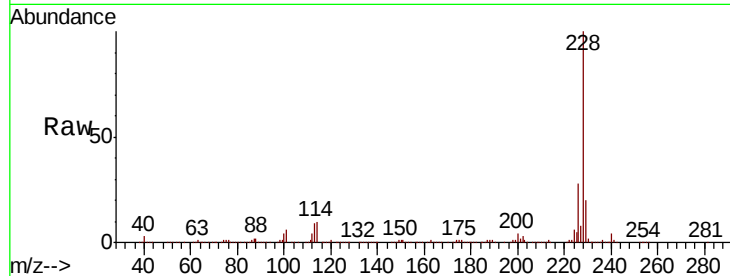
Tot Ion:228 Resp: 929957

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

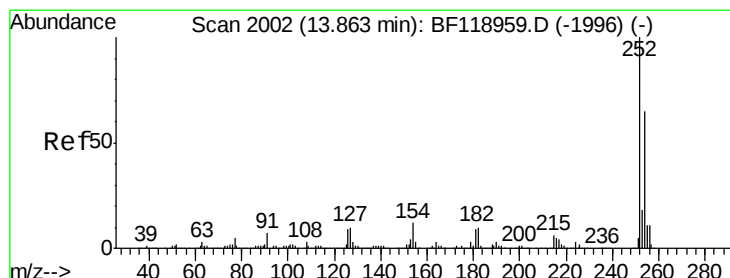
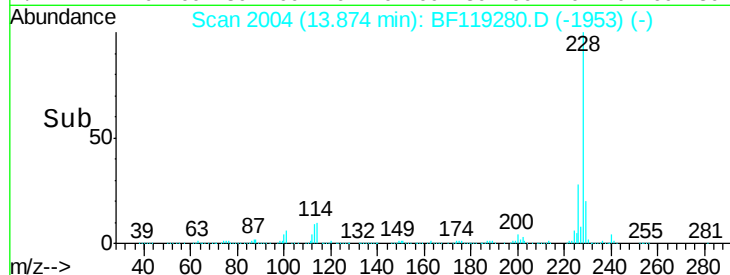
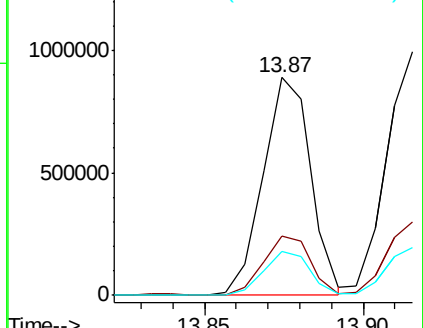
229 19.9 16.6 24.8



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: 40.795 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF119280.D

Acq: 9 Mar 2020 11:04

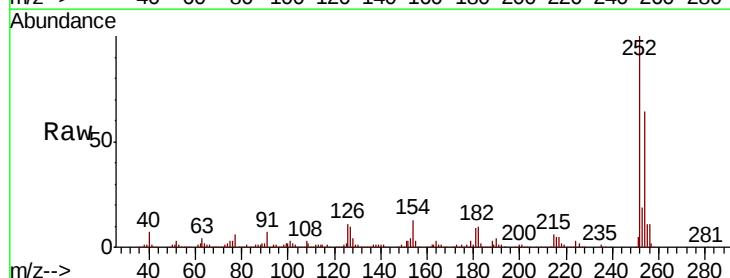
Tgt Ion:252 Resp: 355295

Ion Ratio Lower Upper

252 100

254 64.1 51.6 77.4

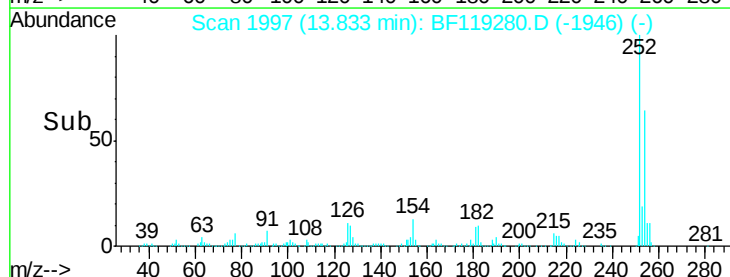
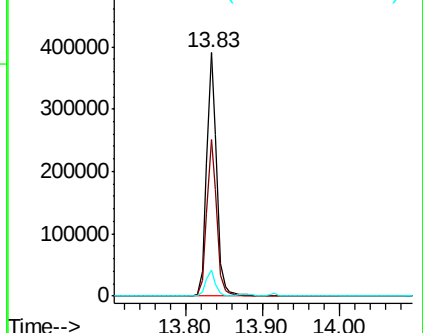
126 10.5 7.4 11.0

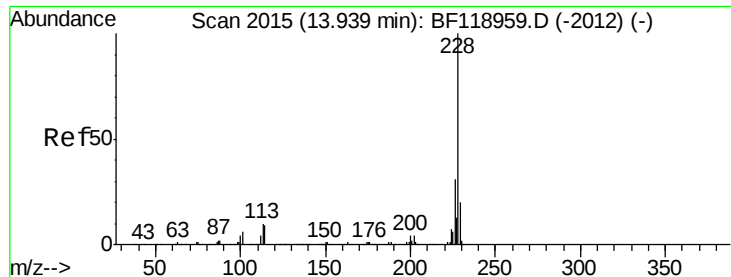


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

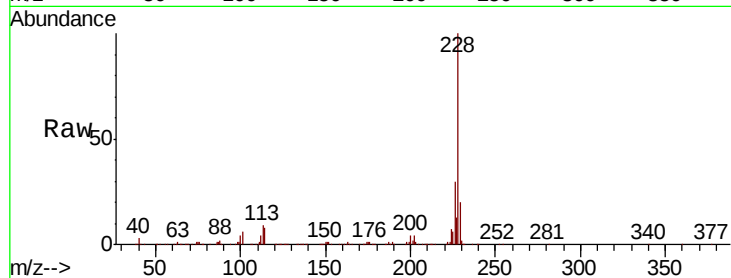




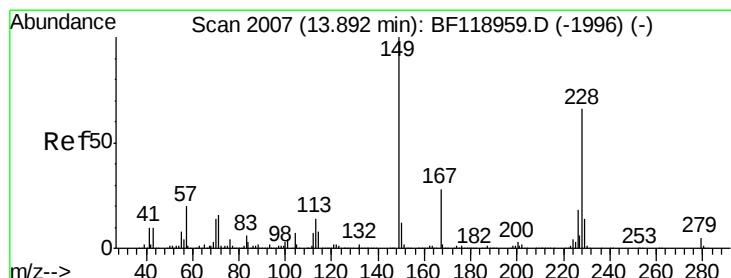
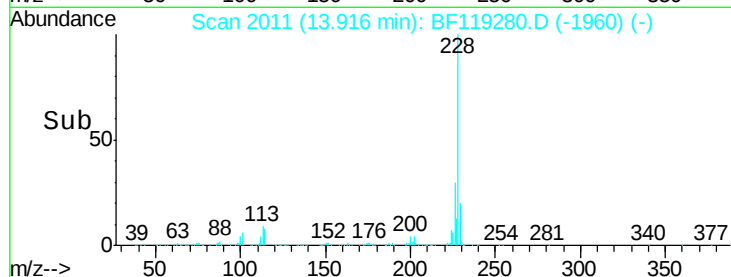
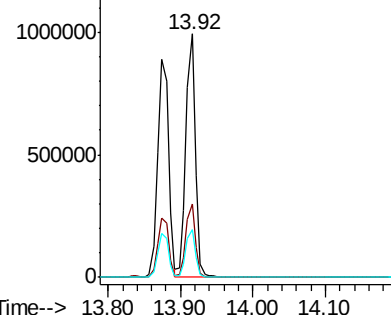
#83
 Chrvsene
 Concen: 40.920 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.1	37.7
229	19.5	16.3	24.5

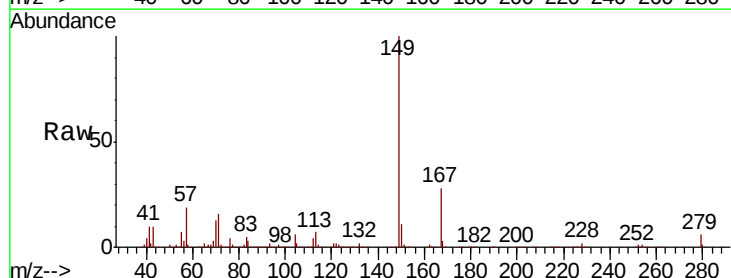


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

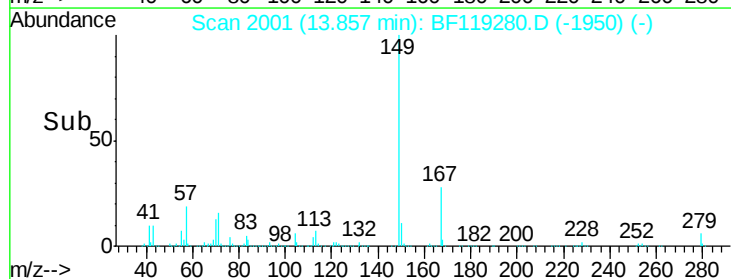
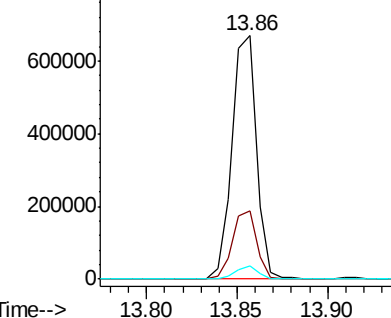


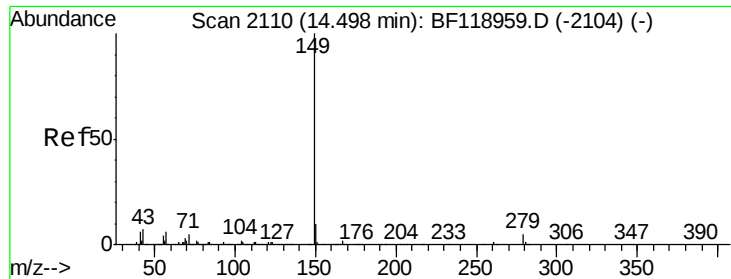
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.867 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119280.D
 Acq: 9 Mar 2020 11:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	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

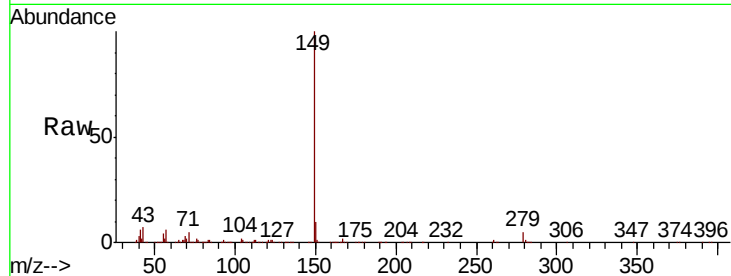




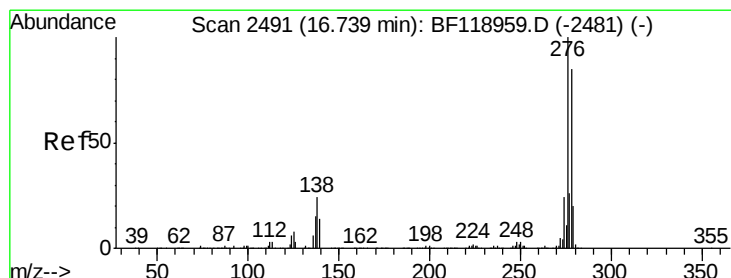
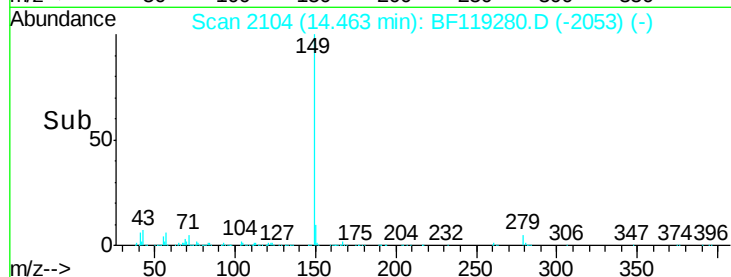
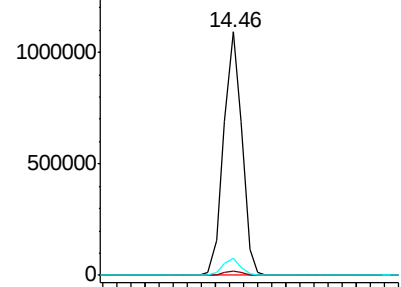
#85
Di-n-octyl phthalate
Concen: 43.825 ng
RT: 14.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 981374
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.8 5.7 8.5

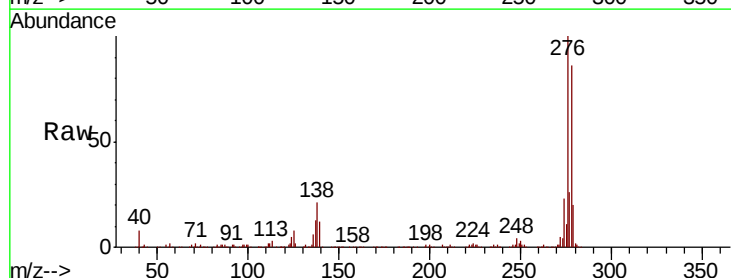


Abundance Ion 149.00 (148.70 to 149.70): E
1500000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

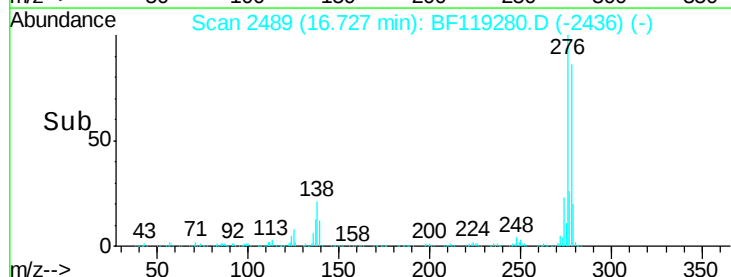
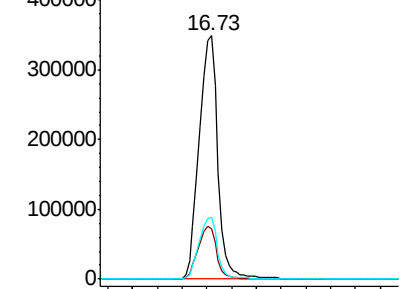


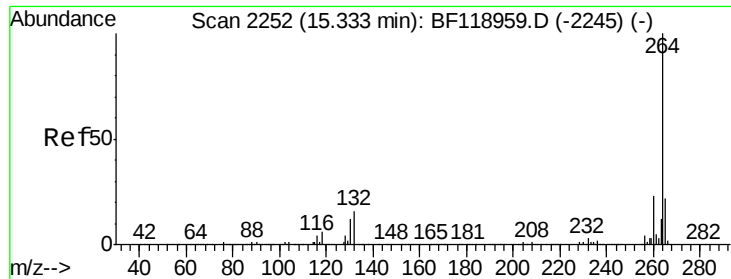
#86
Indeno(1,2,3-cd)pyrene
Concen: 33.964 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Tgt Ion:276 Resp: 734963
Ion Ratio Lower Upper
276 100
138 21.3 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



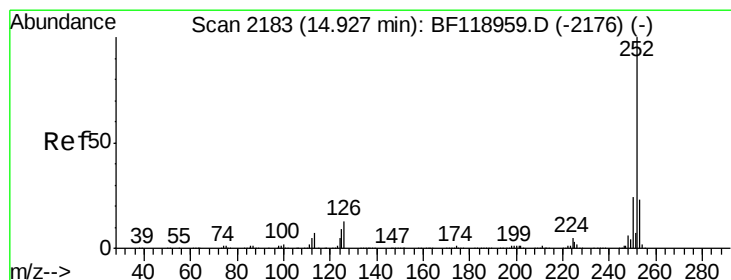
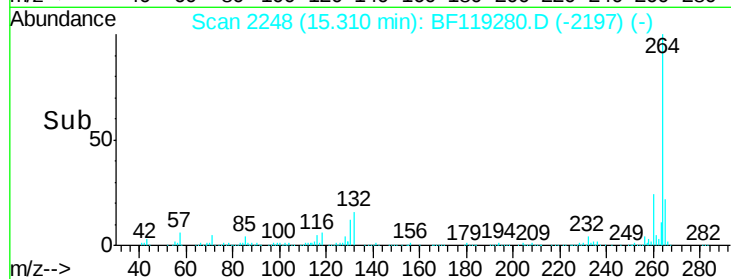
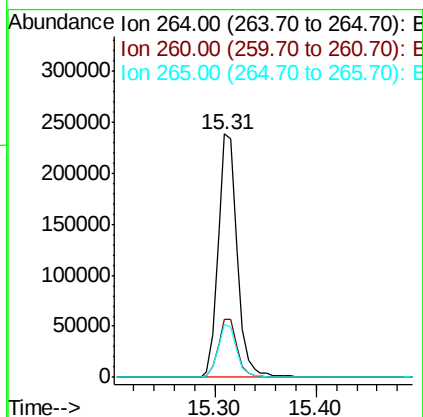
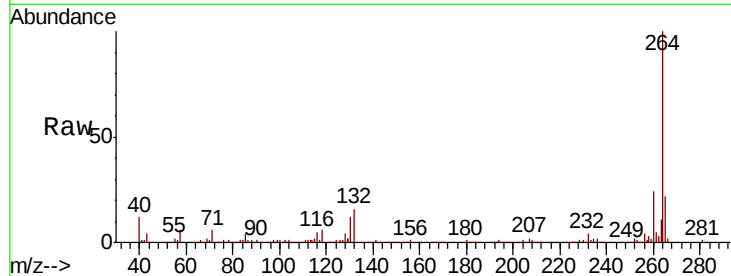


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 310502

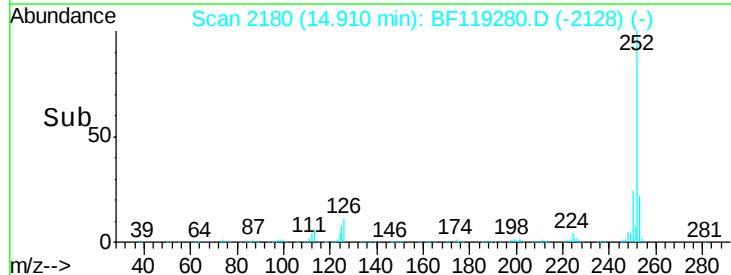
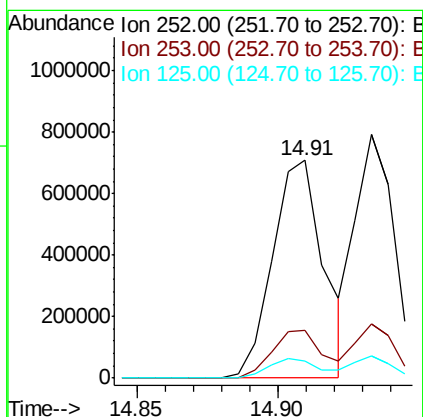
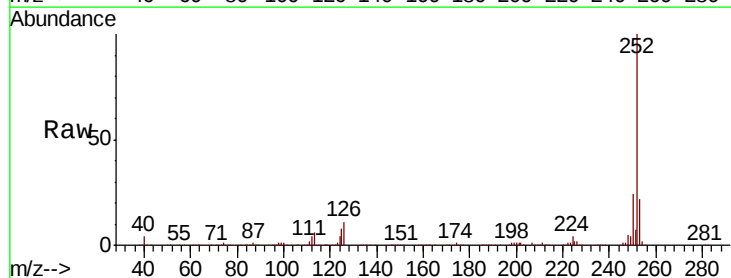
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.8	17.7	26.5

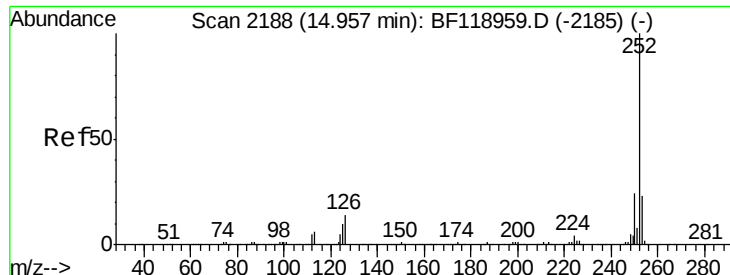


#88
Benzo(b)fluoranthene
Concen: 43.353 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Tgt Ion:252 Resp: 887284

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	8.1	7.4	11.0

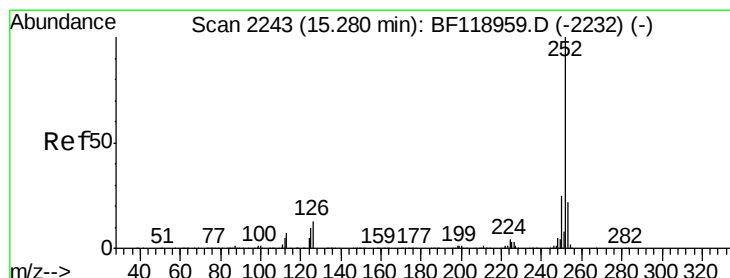
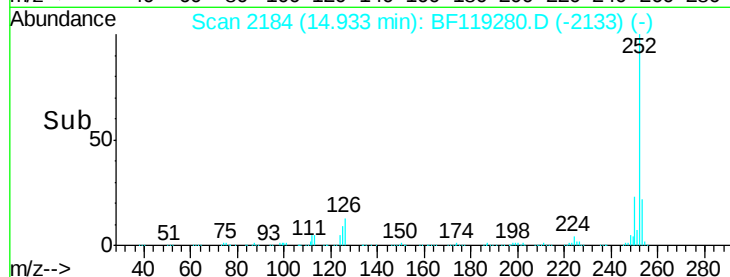
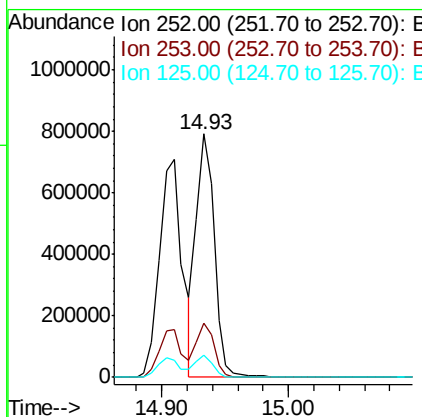
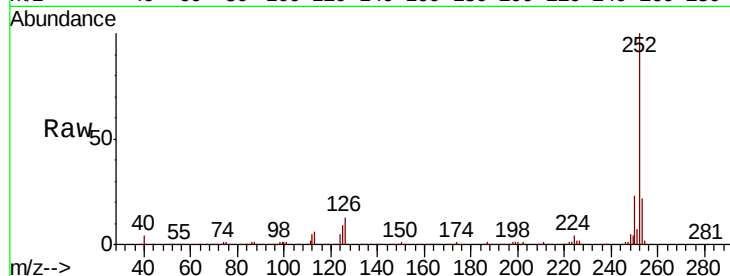




#89
Benzo(k)fluoranthene
Concen: 40.939 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

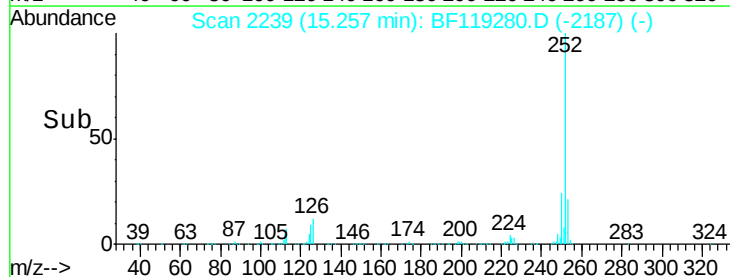
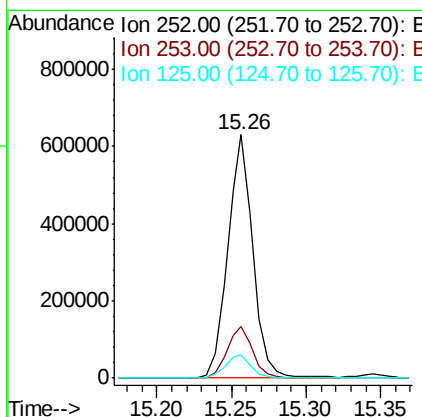
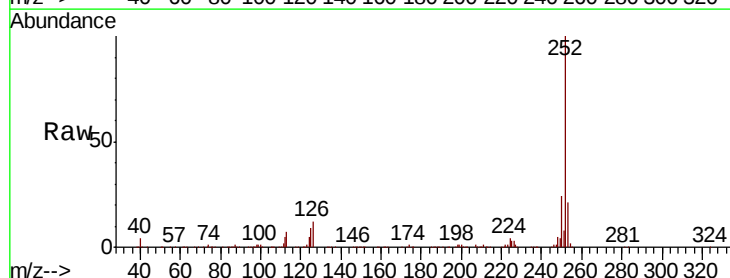
Instrument :
BNA_F
ClientSampleId :

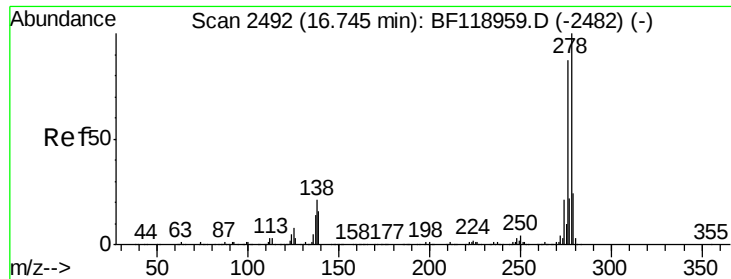
Tot Ion:252 Resp: 776486
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 8.9 7.5 11.3



#90
Benzo(a)pyrene
Concen: 40.248 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Tgt Ion:252 Resp: 743447
Ion Ratio Lower Upper
252 100
253 21.3 18.0 27.0
125 9.4 8.6 12.8



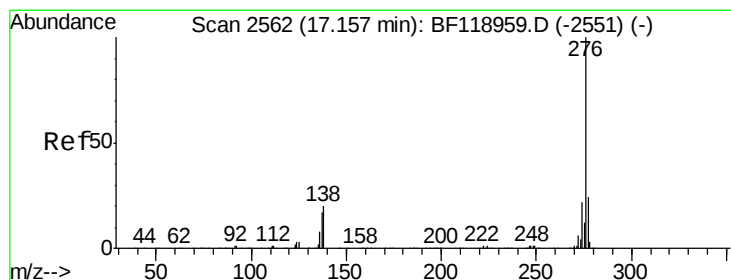
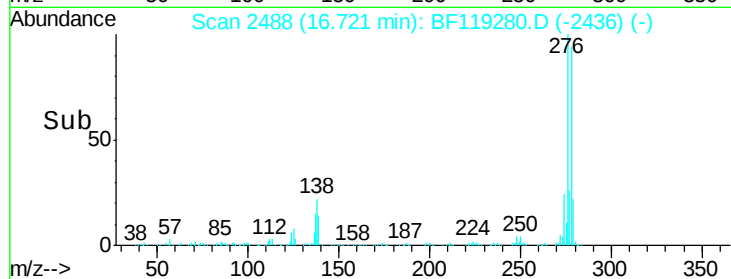
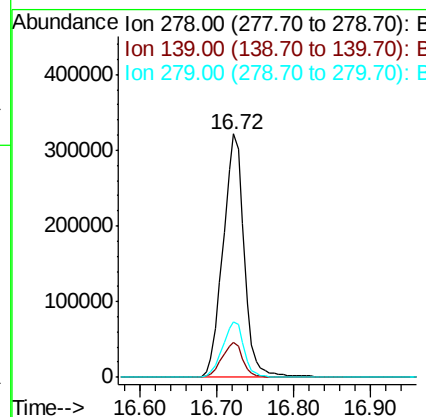
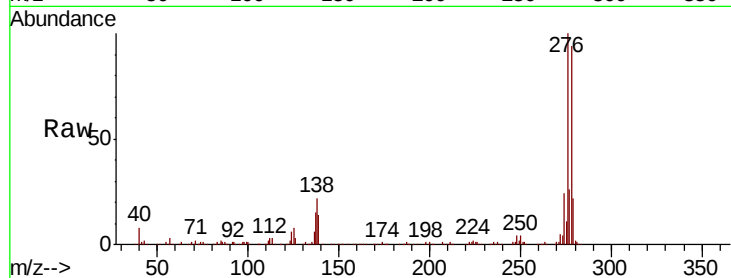


#91
Dibenzo(a,h)anthracene
Concen: 37.723 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 613103

Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.0	16.4
279	22.9	18.6	28.0



#92
Benzo(g,h,i)perylene
Concen: 35.396 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BF119280.D
Acq: 9 Mar 2020 11:04

Tgt Ion:276 Resp: 568410

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.7	28.1
138	18.2	14.3	21.5

