

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
 Data File : BF120494.D
 Acq On : 2 Jun 2020 14:56
 Operator : JU/CG
 Sample : L2814-0MSD1 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 15:35:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 02 11:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	165304	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	568978	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	250684	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	429667	20.00	ng	0.00
76) Chrysene-d12	14.03	240	261152	20.00	ng	0.02
86) Perylene-d12	15.49	264	320093	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	578613	66.71	ng	0.00
7) Phenol-d6	6.48	99	693784	64.89	ng	0.00
23) Nitrobenzene-d5	7.40	82	420529	48.35	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	149221	64.24	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	766166	51.86	ng	0.00
79) Terphenyl-d14	12.96	244	792563	67.53	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	101778	23.687	ng	99
3) Pyridine	3.39	79	232188	19.512	ng	99
4) n-Nitrosodimethylamine	3.32	42	117407	23.314	ng	100
6) Aniline	6.50	93	122486	8.216	ng	98
8) 2-Chlorophenol	6.63	128	245928	25.145	ng	96
9) Benzaldehyde	6.39	77	134549	20.649	ng	96
10) Phenol	6.49	94	294409	25.182	ng	82
11) bis(2-Chloroethyl)ether	6.57	93	239664	24.531	ng	98
12) 1,3-Dichlorobenzene	6.79	146	263765	24.547	ng	99
13) 1,4-Dichlorobenzene	6.86	146	264127	24.638	ng	99
14) 1,2-Dichlorobenzene	7.02	146	246987	24.943	ng	98
15) Benzyl Alcohol	6.99	79	194778	24.168	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	327988	21.295	ng	99
17) 2-Methylphenol	7.10	107	184898	21.141	ng	97
18) Hexachloroethane	7.36	117	67544	17.212	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	153346	22.564	ng	98
20) 3+4-Methylphenols	7.25	107	230523	20.864	ng	# 78
22) Acetophenone	7.25	105	307558	26.615	ng	# 95
24) Nitrobenzene	7.42	77	229925	24.539	ng	99
25) Isophorone	7.66	82	403588	23.086	ng	98
26) 2-Nitrophenol	7.75	139	109782	25.987	ng	95
27) 2,4-Dimethylphenol	7.78	122	195481	26.645	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	264654	25.138	ng	99
29) 2,4-Dichlorophenol	7.99	162	177599	23.967	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	202988	24.410	ng	98
31) Naphthalene	8.15	128	1031987	41.299	ng	100
32) Benzoic acid	7.88	122	110280	20.256	ng	97
33) 4-Chloroaniline	8.20	127	80018	7.225	ng	96
34) Hexachlorobutadiene	8.27	225	121312	24.611	ng	98
35) Caprolactam	8.55	113	54020	22.510	ng	95
36) 4-Chloro-3-methylphenol	8.68	107	168163	22.368	ng	100
37) 2-Methylnaphthalene	8.85	142	671156	40.549	ng	99
38) 1-Methylnaphthalene	8.94	142	602156	38.542	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	183151	28.490	ng	99

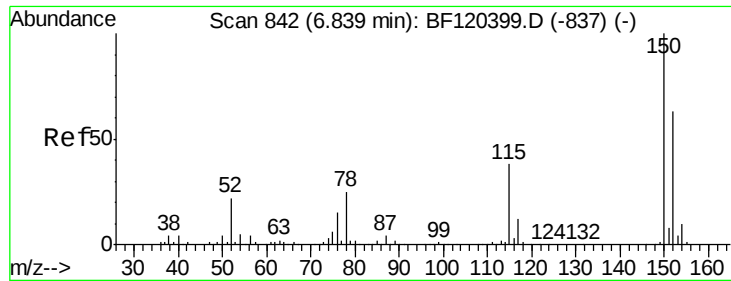
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
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 QLast Update : Tue Jun 02 11:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	14152	3.944	ng	95
43) 2,4,6-Trichlorophenol	9.12	196	116548	25.067	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	121352	23.026	ng	97
46) 1,1'-Biphenyl	9.30	154	559958	34.003	ng	98
47) 2-Chloronaphthalene	9.33	162	343906	25.361	ng	99
48) 2-Nitroaniline	9.42	65	104746	25.361	ng	99
49) Acenaphthylene	9.75	152	759134	36.227	ng	99
50) Dimethylphthalate	9.60	163	523909	33.429	ng	100
51) 2,6-Dinitrotoluene	9.66	165	73999	21.247	ng	95
52) Acenaphthene	9.92	154	788739	60.309	ng	100
53) 3-Nitroaniline	9.83	138	69880	17.086	ng	99
54) 2,4-Dinitrophenol	9.95	184	9302	13.613	ng	# 51
55) Dibenzofuran	10.09	168	1003246	52.787	ng	97
56) 4-Nitrophenol	10.00	139	136746	43.673	ng	96
57) 2,4-Dinitrotoluene	10.07	165	98595	22.119	ng	# 97
58) Fluorene	10.44	166	1179745	82.718	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	94171	22.930	ng	# 75
60) Diethylphthalate	10.30	149	370133	23.371	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	168671	21.814	ng	97
62) 4-Nitroaniline	10.44	138	81331	21.064	ng	95
63) Azobenzene	10.58	77	323277	21.701	ng	88
65) 4,6-Dinitro-2-methylphenol	10.49	198	8485	5.414	ng	# 69
66) n-Nitrosodiphenylamine	10.54	169	324017	27.148	ng	97
67) 4-Bromophenyl-phenylether	10.92	248	104373	24.065	ng	96
68) Hexachlorobenzene	10.99	284	109947	23.804	ng	# 94
69) Atrazine	11.07	200	84509	25.121	ng	99
70) Pentachlorophenol	11.19	266	104767	37.099	ng	98
71) Phenanthrene	11.42	178	4358403	230.209	ng	98
72) Anthracene	11.46	178	2414175	127.091	ng	99
73) Carbazole	11.60	167	792956	43.158	ng	99
74) Di-n-butylphthalate	11.93	149	566185	26.491	ng	99
75) Fluoranthene	12.62	202	6068303	297.881	ng	98
77) Benzidine	12.72	184	292672	42.653	ng	98
78) Pyrene	12.84	202	5165445	284.415	ng	95
80) Butylbenzylphthalate	13.43	149	249078	32.851	ng	99
81) Benzo(a)anthracene	14.02	228	3928756	280.699	ng	96
82) 3,3'-Dichlorobenzidine	13.98	252	144084	28.355	ng	97
83) Chrysene	14.06	228	3052808	208.051	ng	97
84) Bis(2-ethylhexyl)phthalate	14.00	149	346738	38.958	ng	99
85) Di-n-octyl phthalate	14.61	149	575290	37.355	ng	99
87) Indeno(1,2,3-cd)pyrene	16.98	276	1721266	98.317	ng	96
88) Benzo(b)fluoranthene	15.08	252	5017788	282.232	ng	98
89) Benzo(k)fluoranthene	15.08	252	5017788	302.322	ng	# 96
90) Benzo(a)pyrene	15.45	252	2614020	168.091	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	688580	48.242	ng	97
92) Benzo(g,h,i)perylene	17.42	276	1449278	102.948	ng	97

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

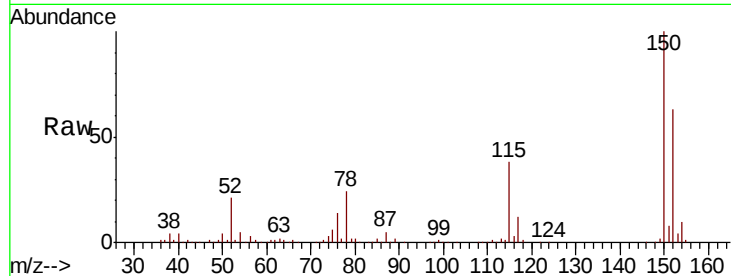


#1

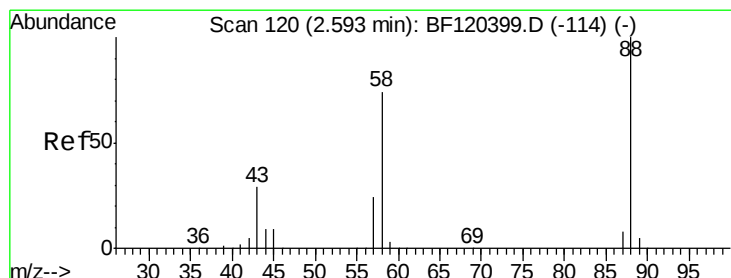
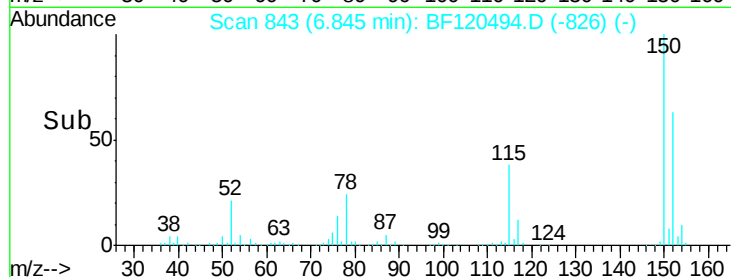
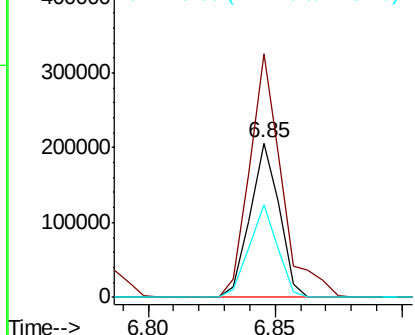
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 165304
Ion Ratio Lower Upper
152 100
150 157.6 126.7 190.1
115 59.8 46.2 69.2



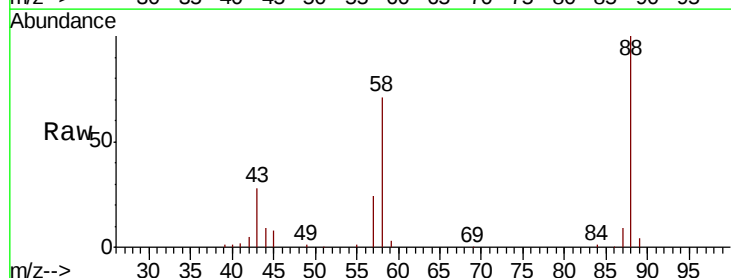
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



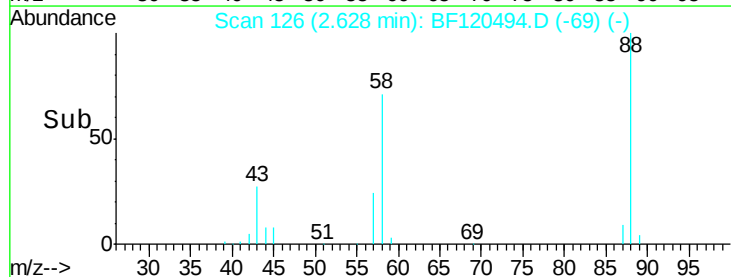
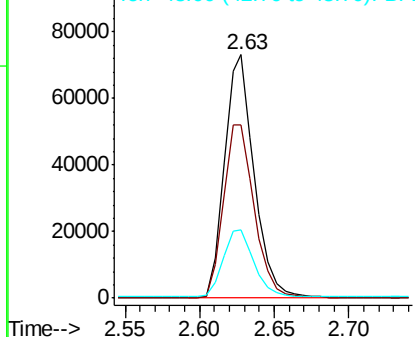
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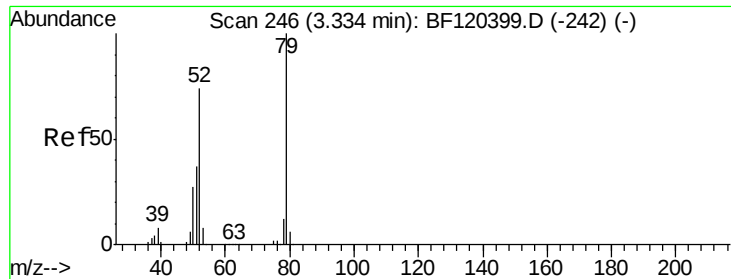
1,4-Dioxane
Concen: 23.687 ng
RT: 2.63 min Scan# 126
Delta R.T. 0.04 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion: 88 Resp: 101778
Ion Ratio Lower Upper
88 100
58 74.4 60.0 90.0
43 28.8 23.2 34.8



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: 19.512 ng

RT: 3.39 min Scan# 255

Delta R.T. 0.04 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampleId :

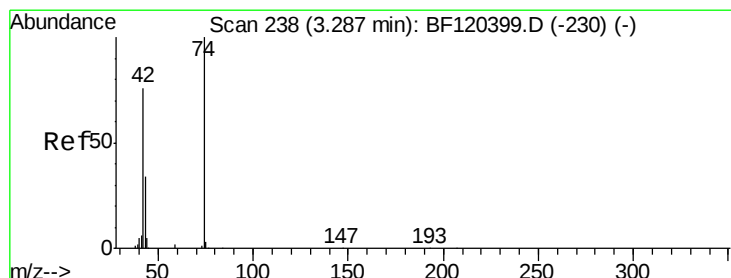
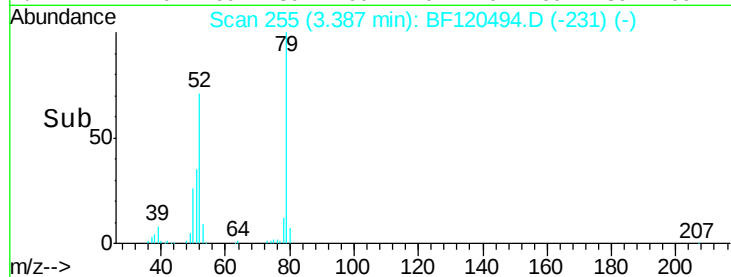
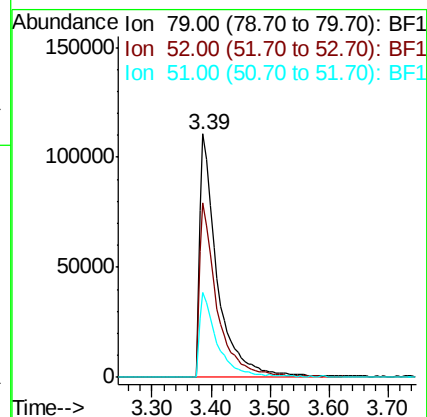
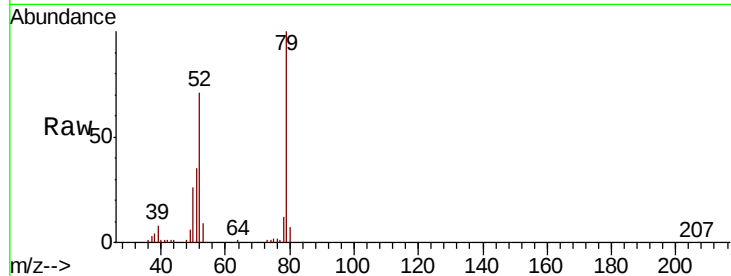
Tot Ion: 79 Resp: 232188

Ion Ratio Lower Upper

79 100

52 71.4 58.2 87.4

51 34.8 28.1 42.1



#4

n-Nitrosodimethylamine

Concen: 23.314 ng

RT: 3.32 min Scan# 243

Delta R.T. 0.02 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

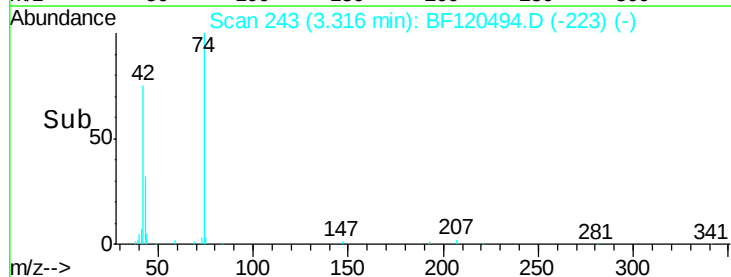
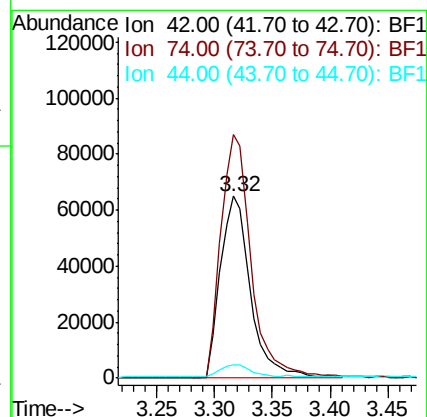
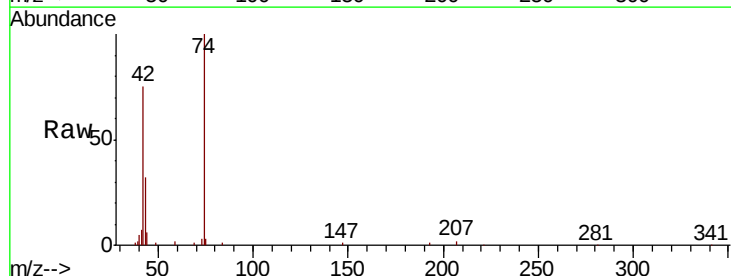
Tgt Ion: 42 Resp: 117407

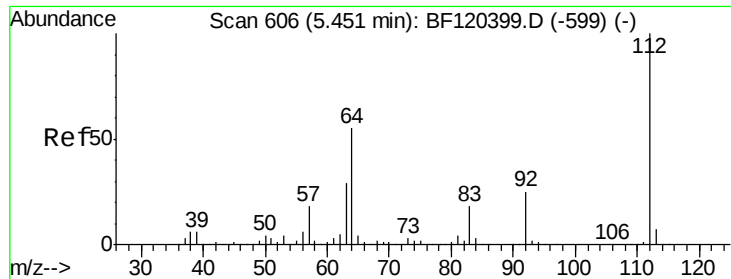
Ion Ratio Lower Upper

42 100

74 133.9 107.2 160.8

44 7.4 5.6 8.4





#5

2-Fluorophenol

Concen: 66.707 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampled :

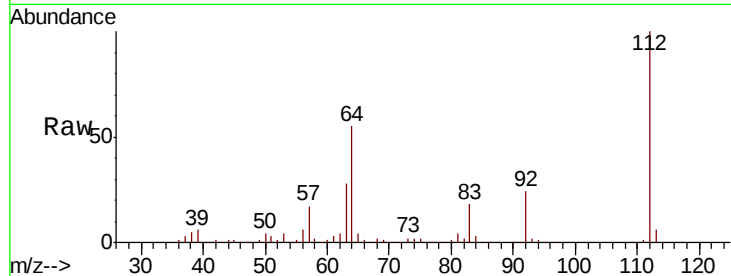
Tot Ion:112 Resp: 578613

Ion Ratio Lower Upper

112 100

64 55.2 46.3 69.5

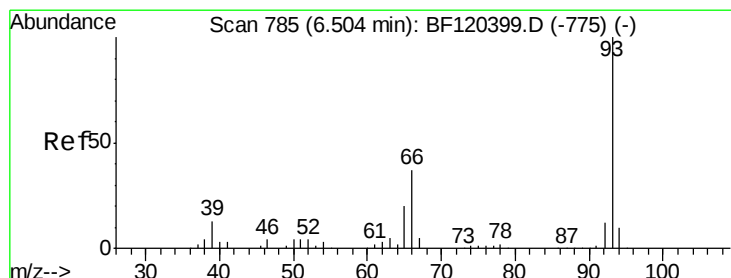
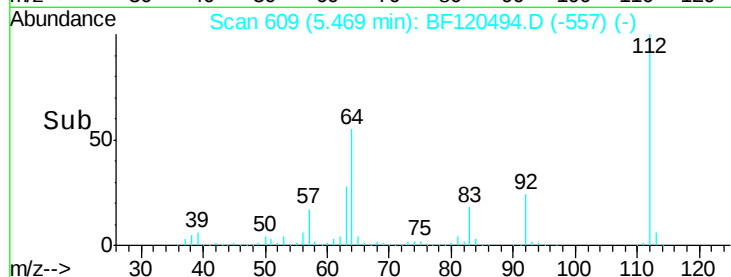
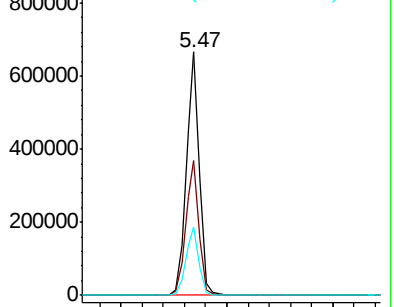
63 27.8 24.2 36.2



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: 8.216 ng

RT: 6.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

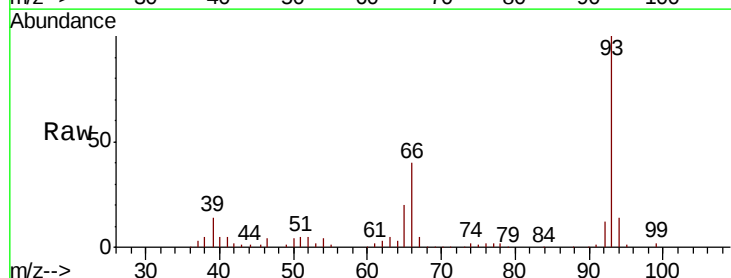
Tgt Ion: 93 Resp: 122486

Ion Ratio Lower Upper

93 100

66 40.1 30.6 46.0

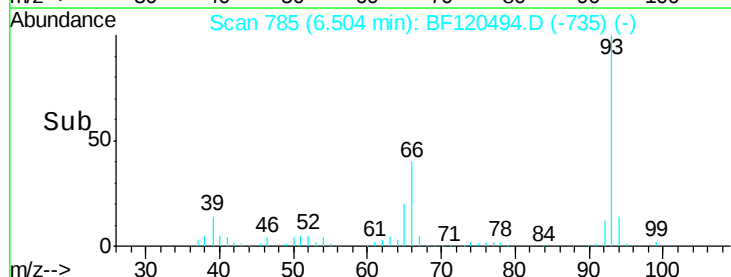
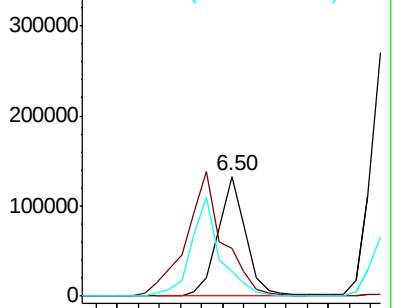
65 20.4 16.1 24.1

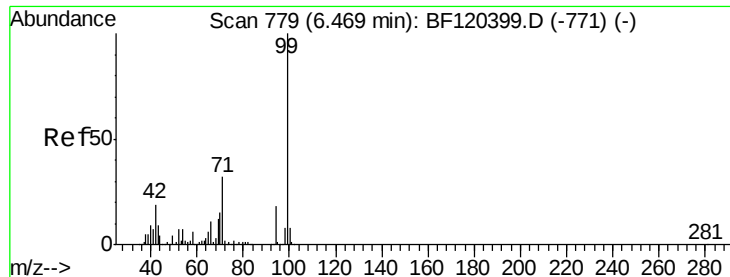


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 64.892 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampled :

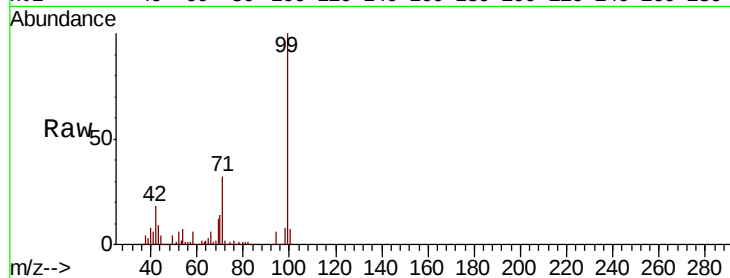
Tot Ion: 99 Resp: 693784

Ion Ratio Lower Upper

99 100

42 17.6 15.1 22.7

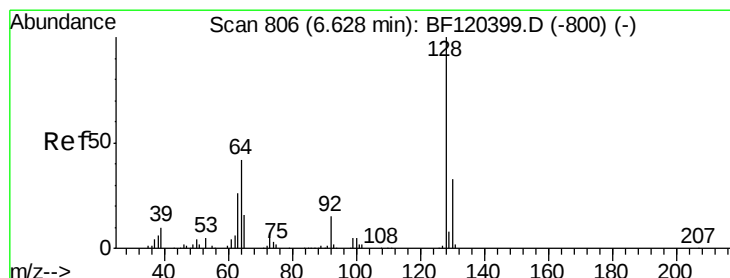
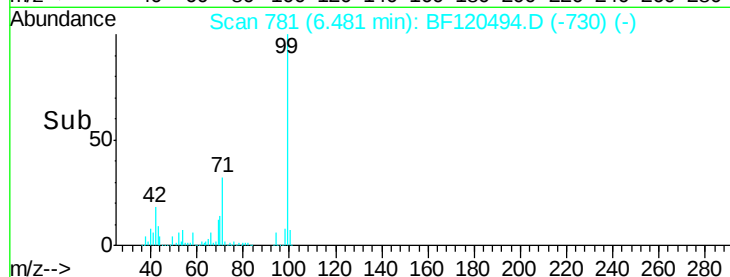
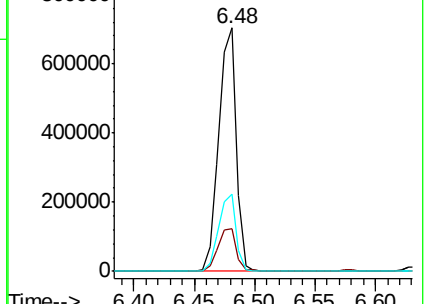
71 31.5 26.2 39.4



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: 25.145 ng

RT: 6.63 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

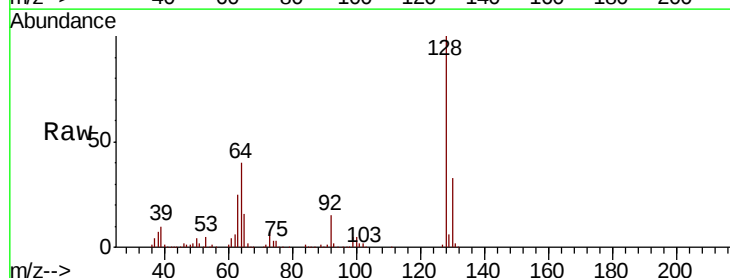
Tgt Ion: 128 Resp: 245928

Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

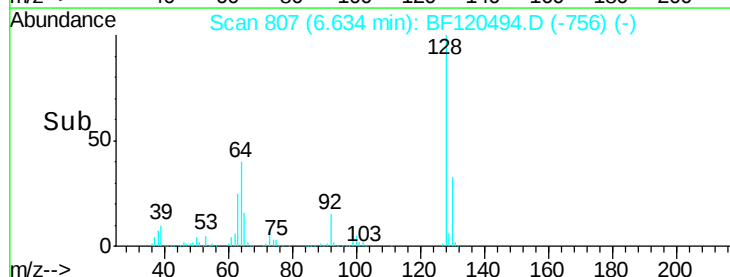
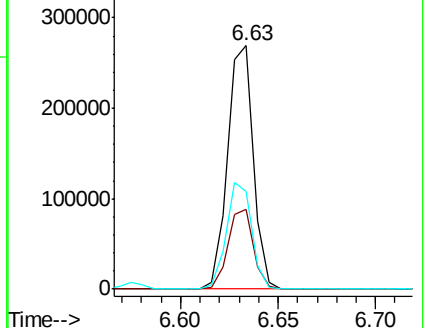
64 39.9 24.1 64.1

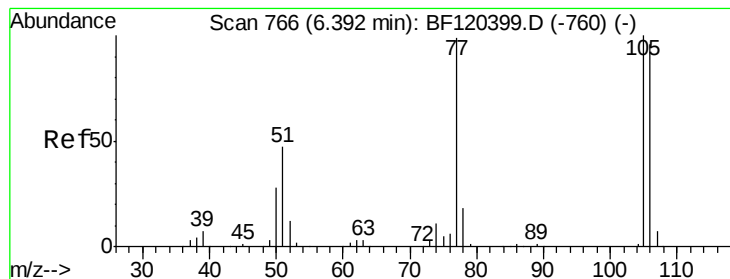


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.649 ng

RT: 6.39 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampleId :

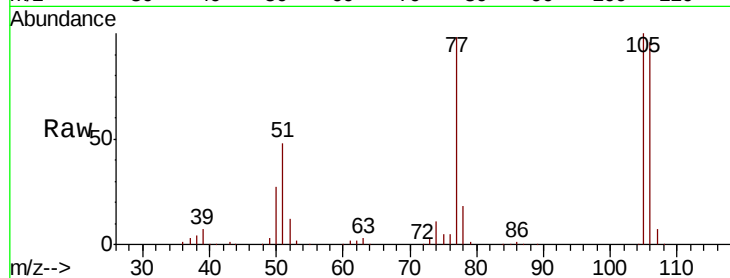
Tot Ion: 77 Resp: 134549

Ion Ratio Lower Upper

77 100

105 102.1 87.0 127.0

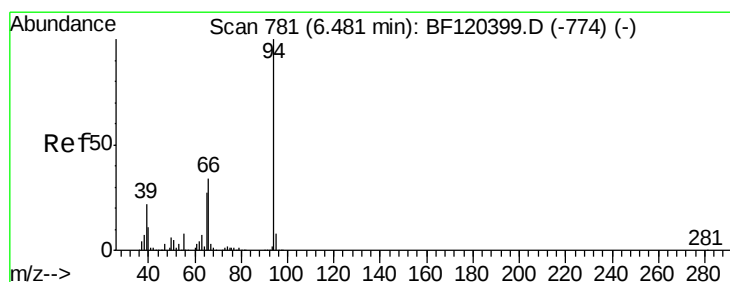
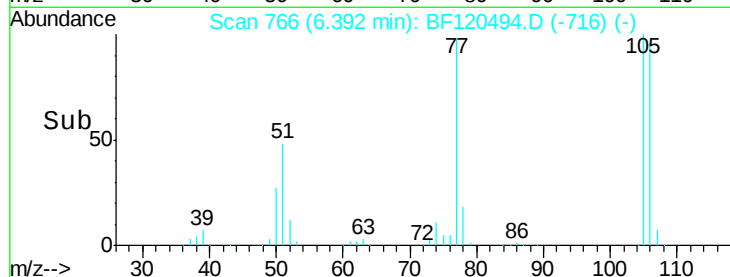
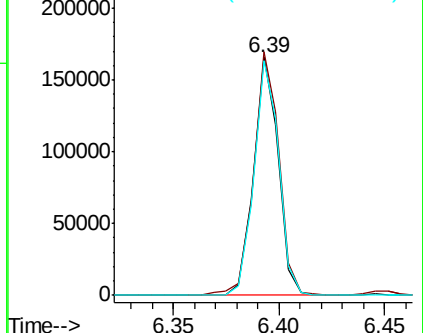
106 98.4 81.3 121.3



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: 25.182 ng

RT: 6.49 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

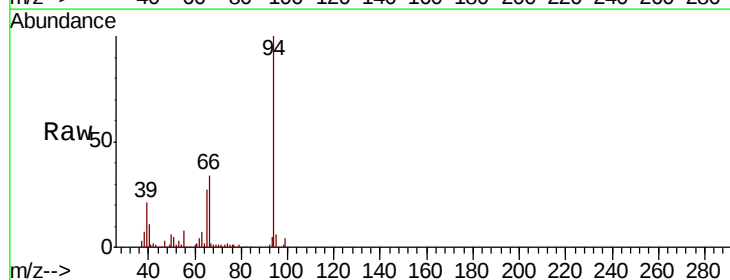
Tgt Ion: 94 Resp: 294409

Ion Ratio Lower Upper

94 100

65 26.8 14.1 54.1

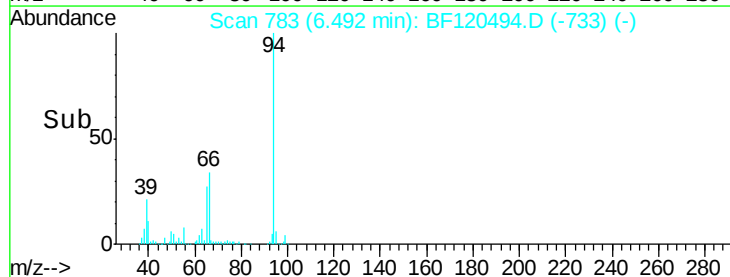
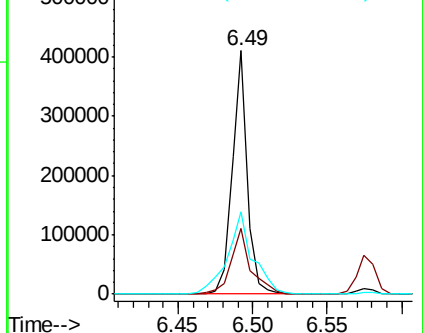
66 33.6 28.9 68.9

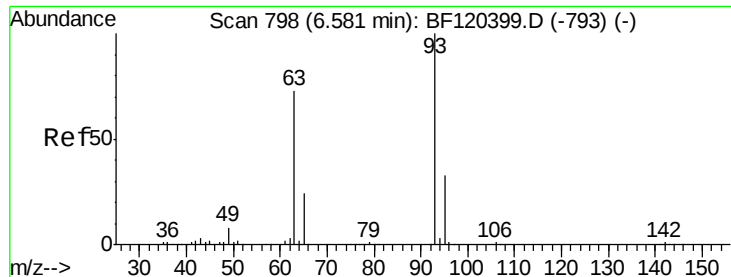


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

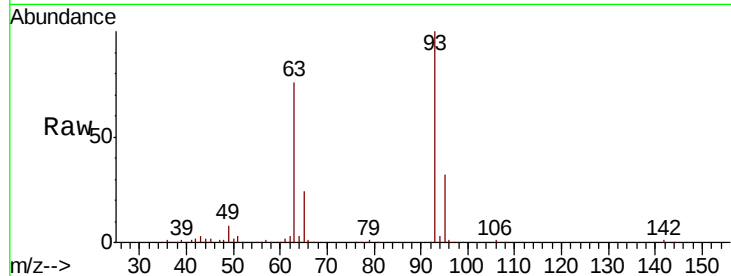




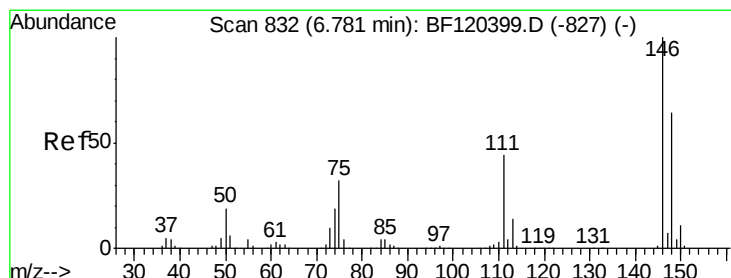
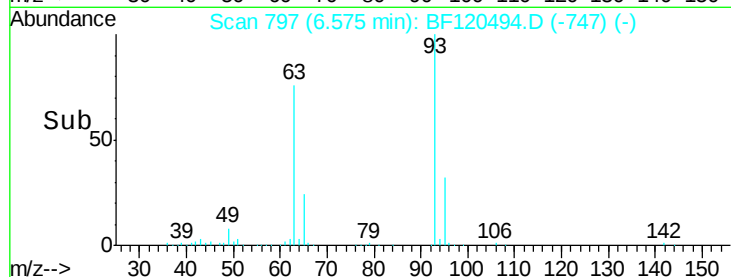
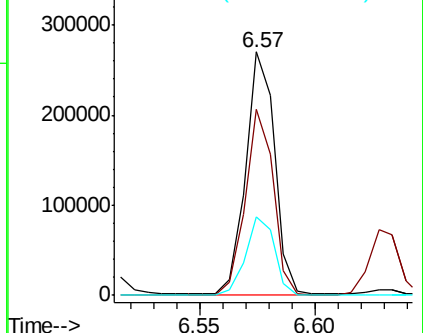
#11
bis(2-Chloroethyl)ether
Concen: 24.531 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 239664
Ion Ratio Lower Upper
93 100
63 76.5 54.5 94.5
95 32.2 12.2 52.2

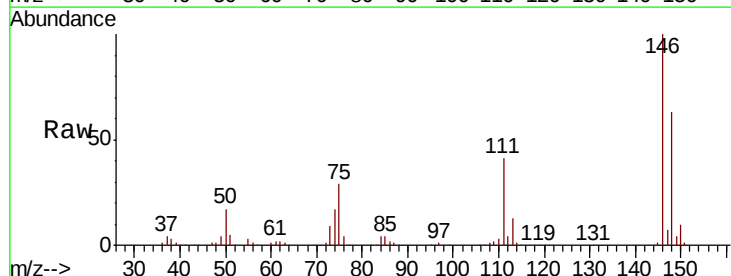


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

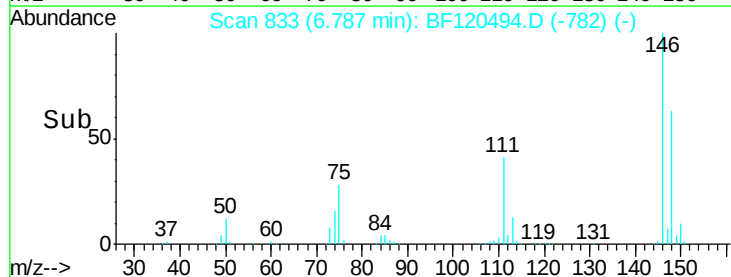
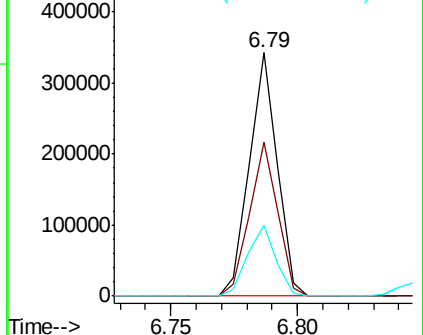


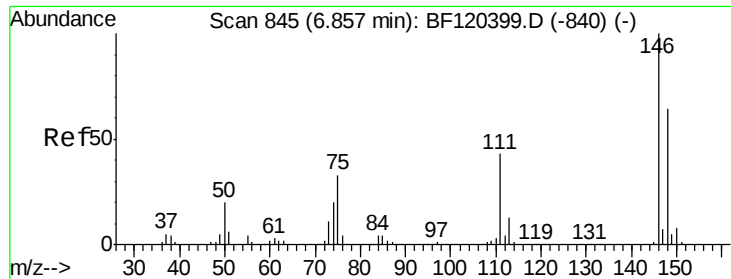
#12
1,3-Dichlorobenzene
Concen: 24.547 ng
RT: 6.79 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion: 146 Resp: 263765
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.4
75 29.2 24.7 37.1



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

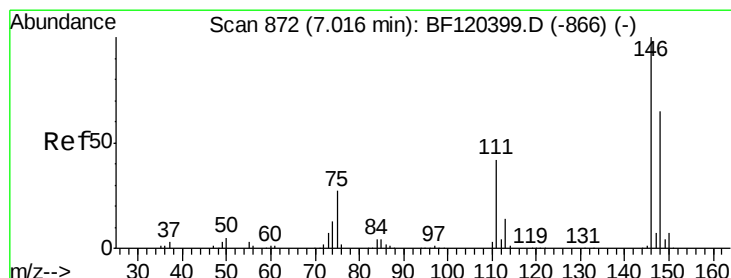
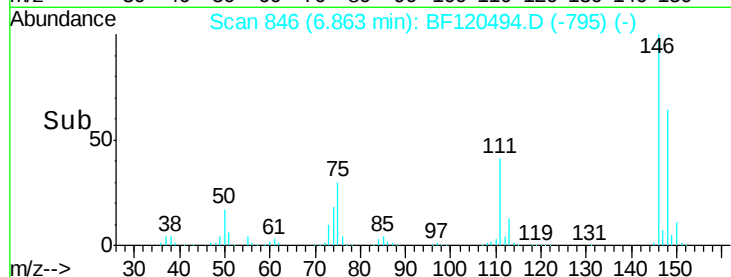
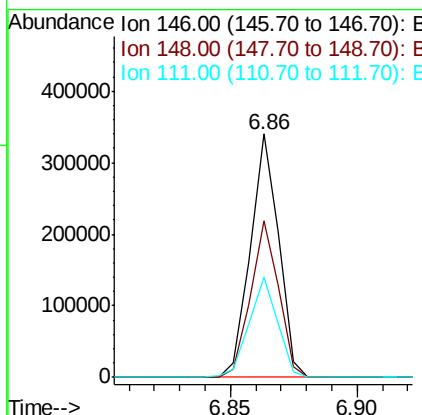
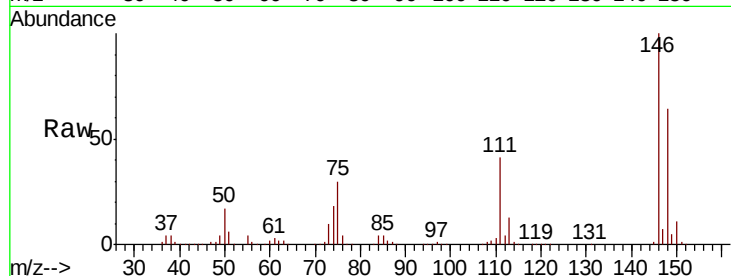




#13
 1,4-Dichlorobenzene
 Concen: 24.638 ng
 RT: 6.86 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

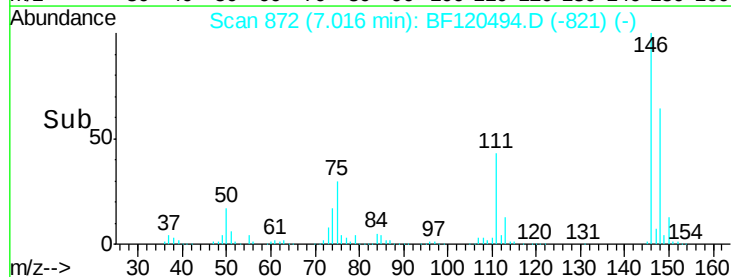
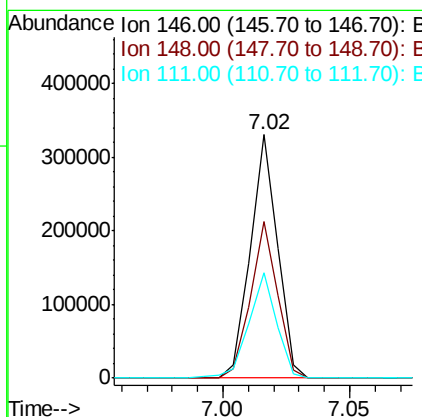
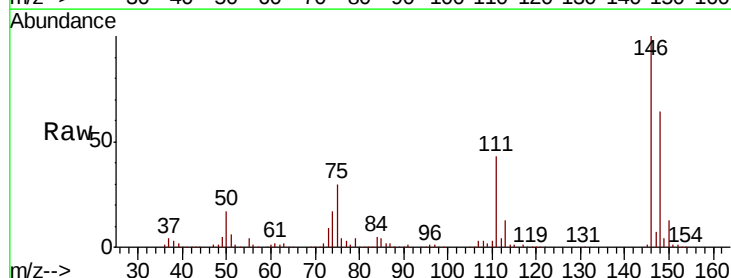
Instrument :
 BNA_F
 ClientSampleId :

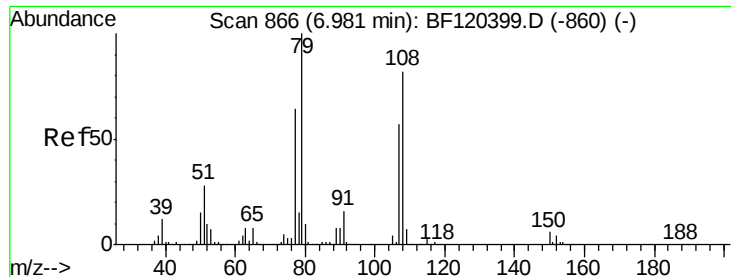
Tot Ion:146 Resp: 264127
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 41.0 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 24.943 ng
 RT: 7.02 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion:146 Resp: 246987
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 43.2 35.6 53.4

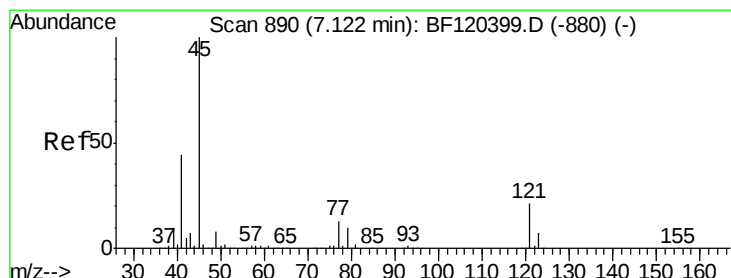
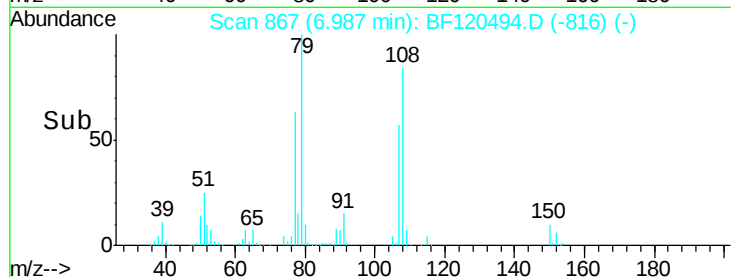
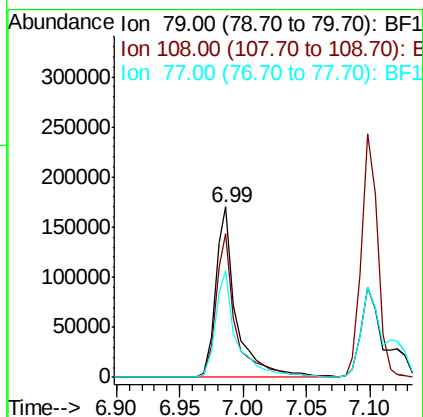
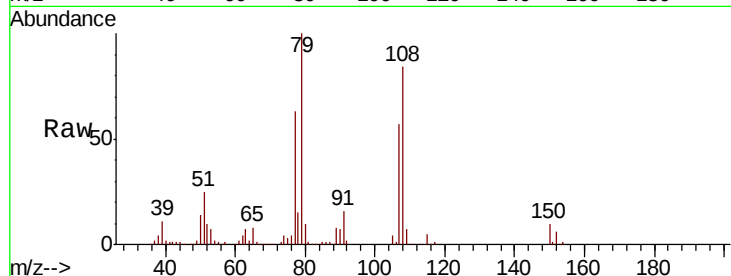




#15
Benzyl Alcohol
Concen: 24.168 ng
RT: 6.99 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

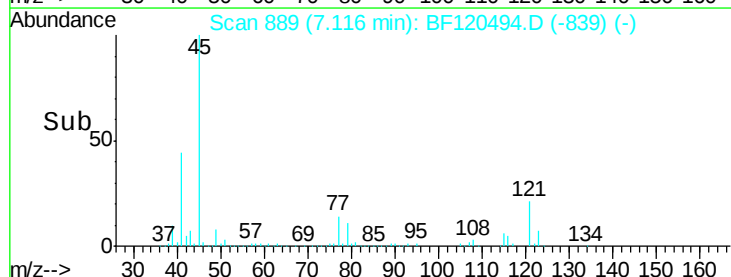
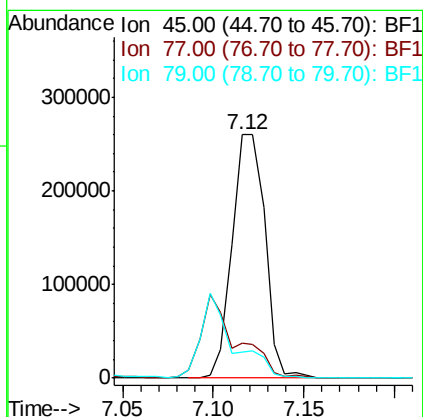
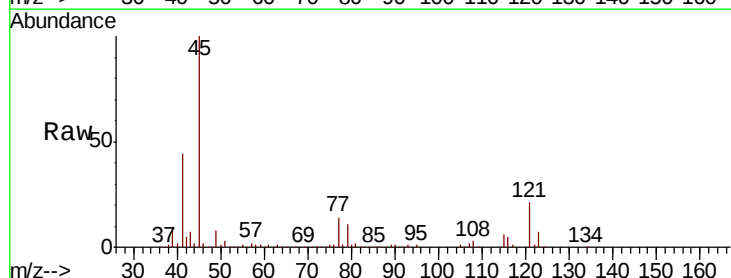
Instrument :
BNA_F
ClientSampleId :

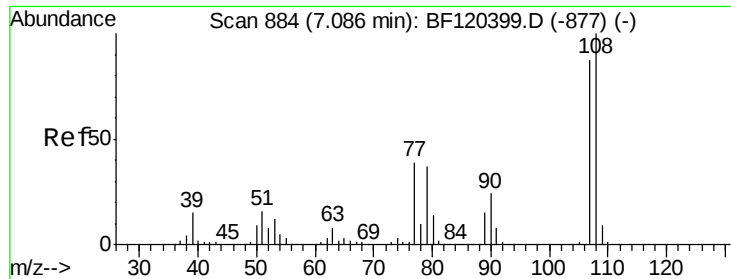
Tot Ion: 79 Resp: 194778
Ion Ratio Lower Upper
79 100
108 84.3 64.5 96.7
77 62.6 49.5 74.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 21.295 ng
RT: 7.12 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion: 45 Resp: 327988
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.2
79 10.7 0.0 31.2

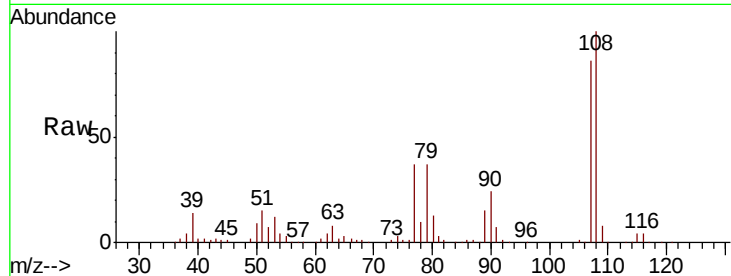




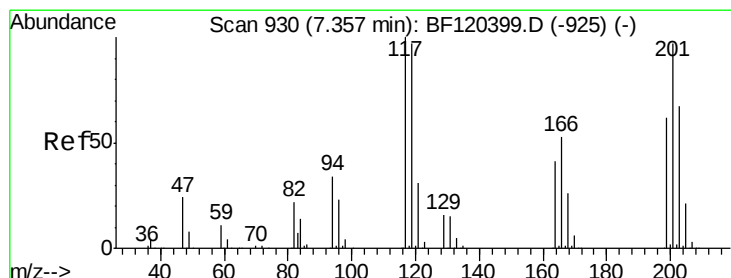
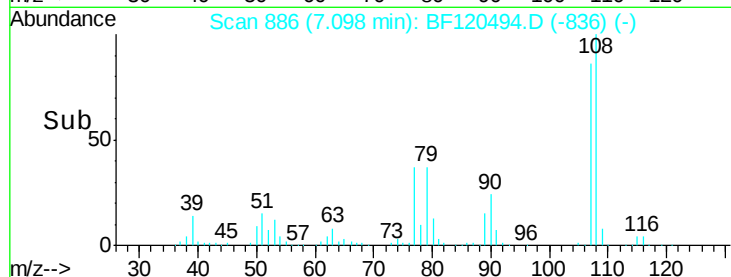
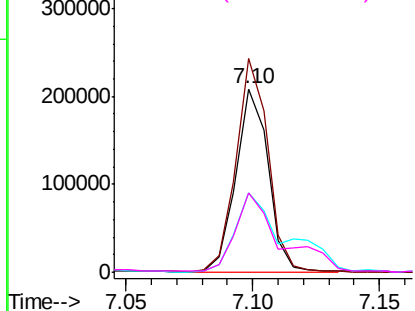
#17
2-Methylphenol
Concen: 21.141 ng
RT: 7.10 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 184898
Ion Ratio Lower Upper
107 100
108 116.5 90.2 135.4
77 43.1 35.9 53.9
79 43.3 35.8 53.6

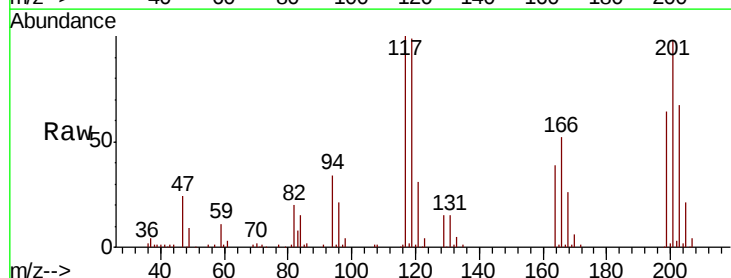


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

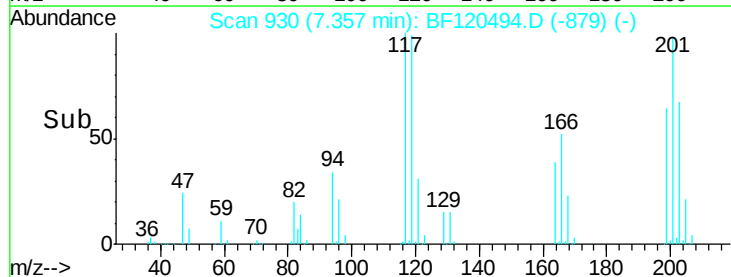
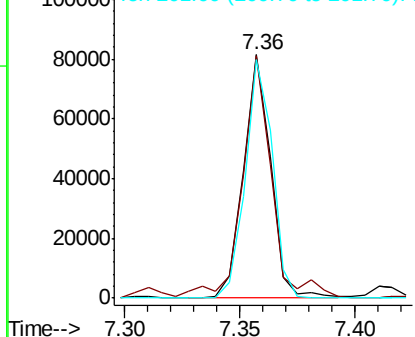


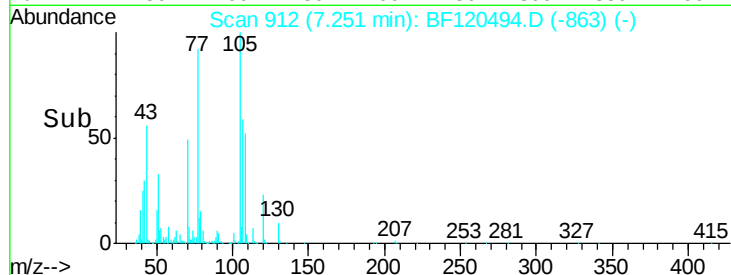
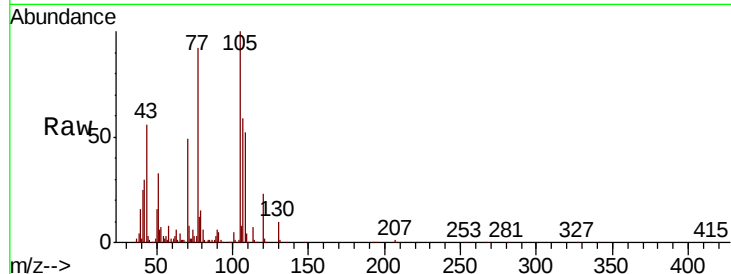
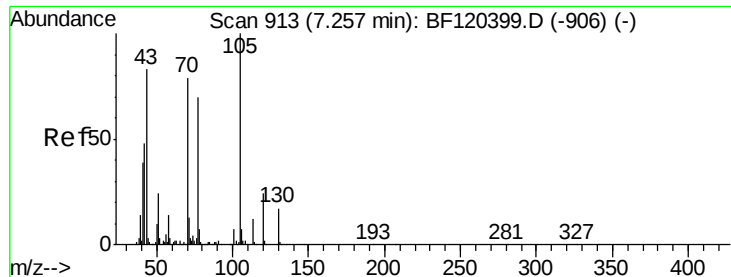
#18
Hexachloroethane
Concen: 17.212 ng
RT: 7.36 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion:117 Resp: 67544
Ion Ratio Lower Upper
117 100
119 99.5 78.2 117.2
201 97.9 77.9 116.9



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

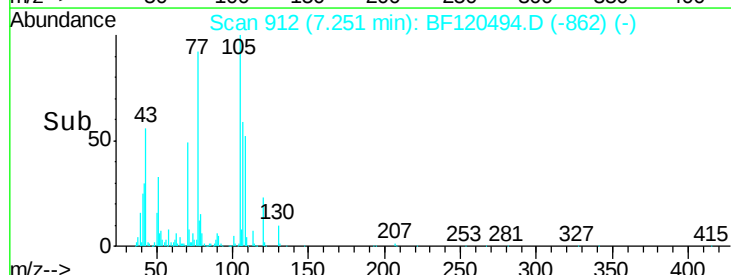
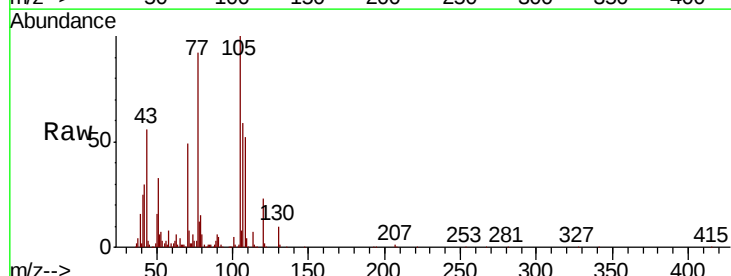
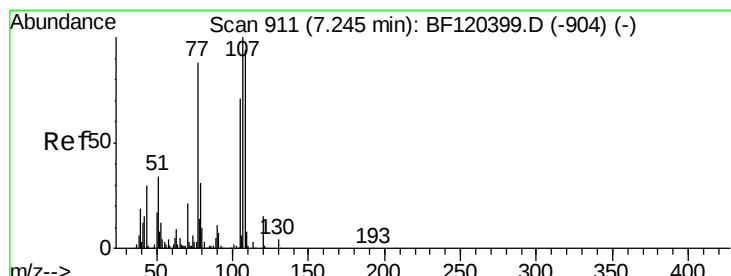
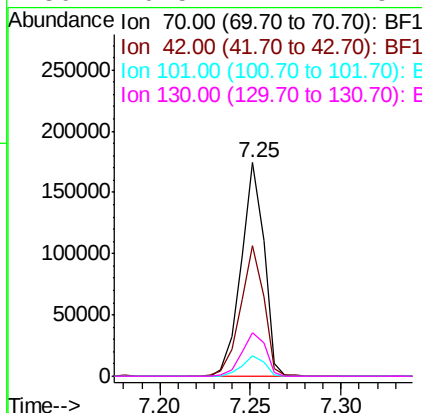




#19
n-Nitroso-di-n-propylamine
Concen: 22.564 ng
RT: 7.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

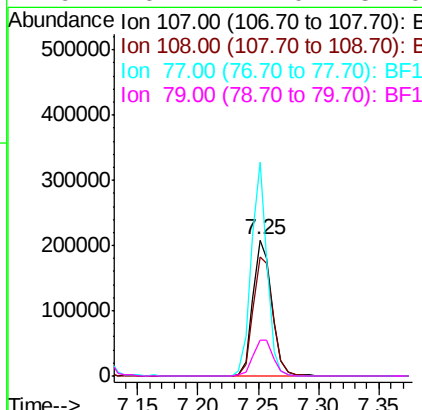
Instrument :
BNA_F
ClientSampleId :

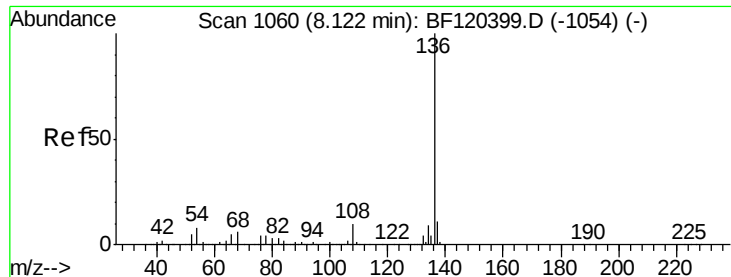
Tot Ion: 70 Resp: 153346
Ion Ratio Lower Upper
70 100
42 61.4 47.4 71.2
101 9.6 7.8 11.6
130 20.5 17.1 25.7



#20
3+4-Methylphenols
Concen: 20.864 ng
RT: 7.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion: 107 Resp: 230523
Ion Ratio Lower Upper
107 100
108 87.9 73.4 113.4
77 156.9 95.8 135.8#
79 26.1 11.0 51.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 568978

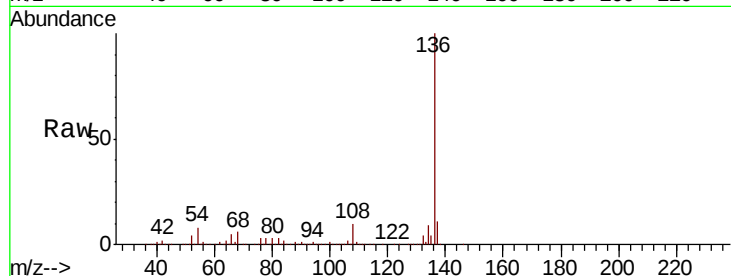
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.8 6.2 9.4

68 5.9 5.0 7.6

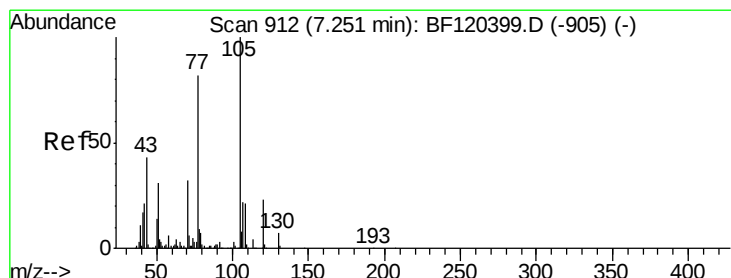
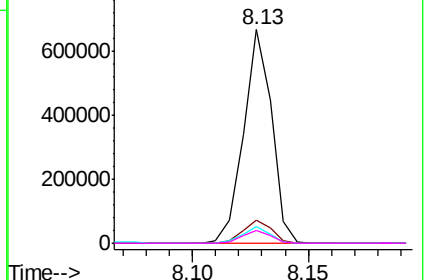
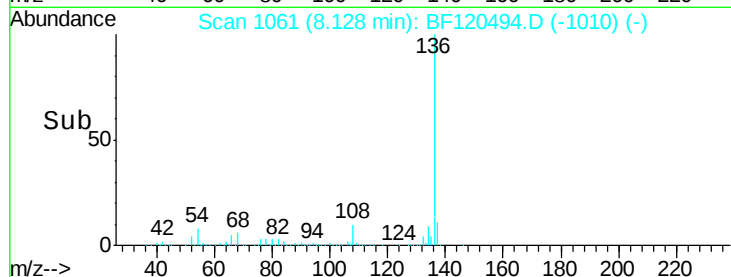


Abundance Ion 136.00 (135.70 to 136.70): E

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: 26.615 ng

RT: 7.25 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Tgt Ion:105 Resp: 307558

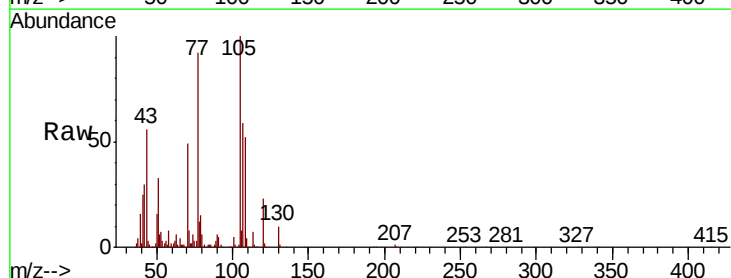
Ion Ratio Lower Upper

105 100

71 8.0 5.2 7.8#

51 33.0 30.3 45.5

120 22.8 18.0 27.0

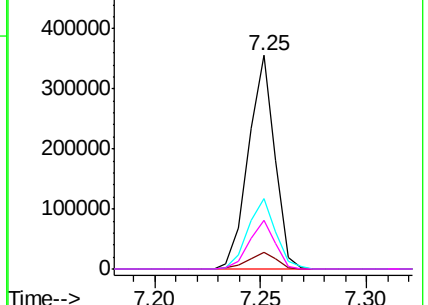
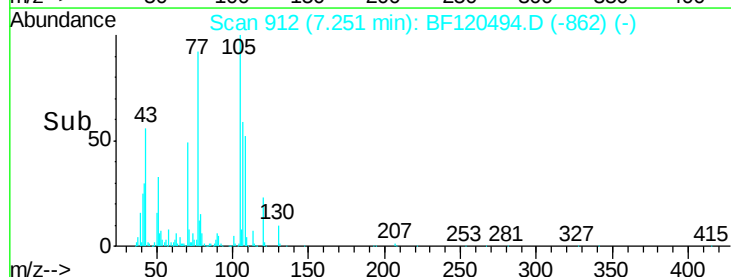


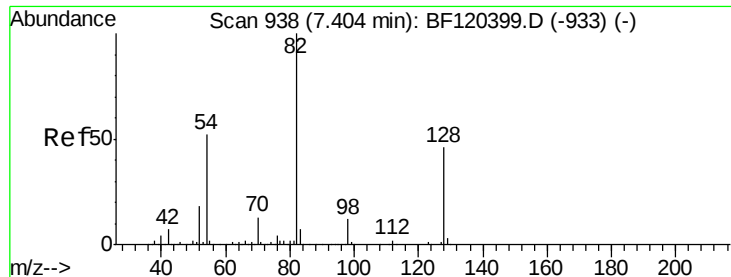
Abundance Ion 105.00 (104.70 to 105.70): E

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

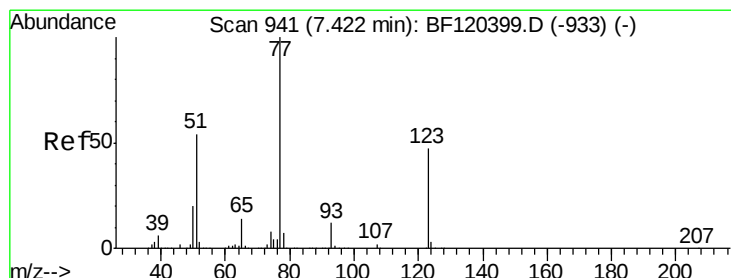
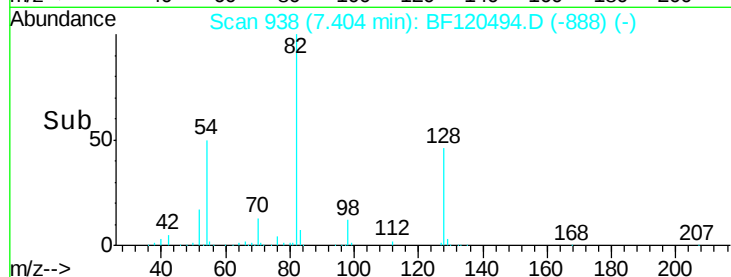
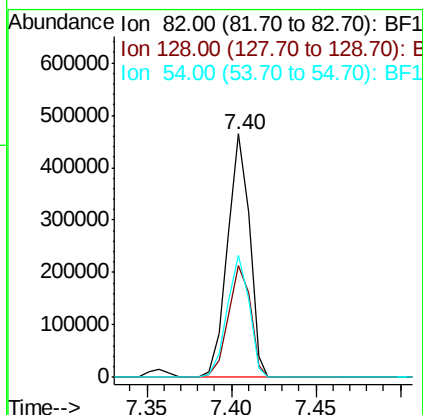
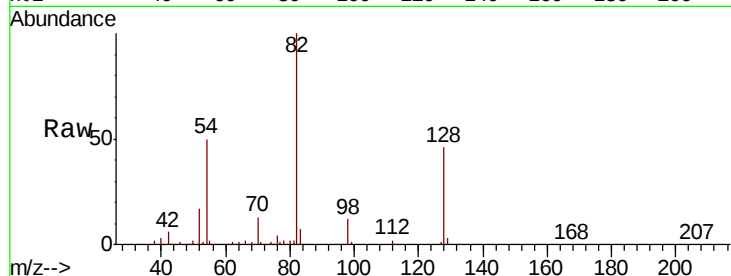




#23
Nitrobenzene-d5
Concen: 48.347 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

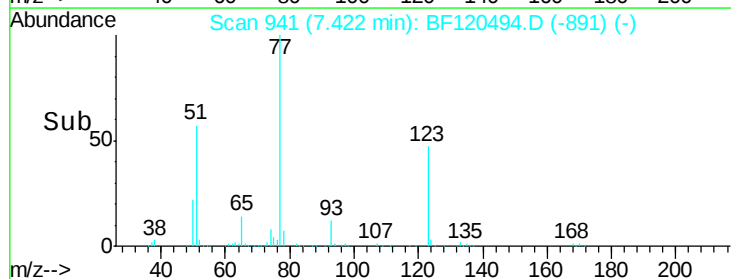
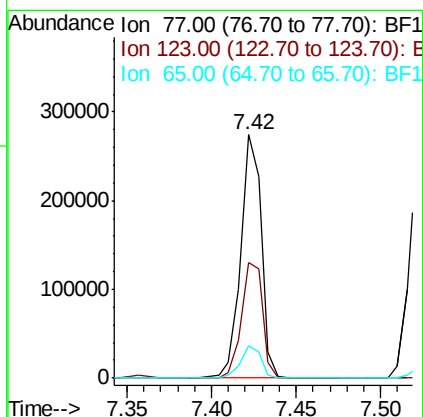
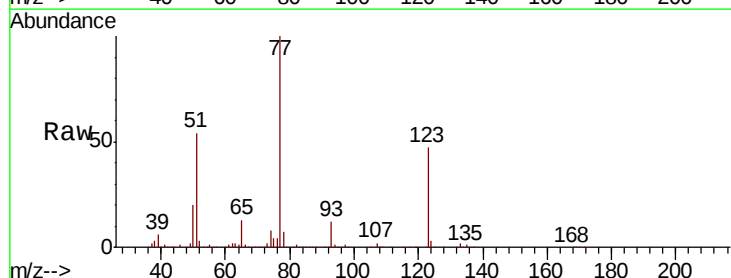
Instrument :
BNA_F
ClientSampleId :

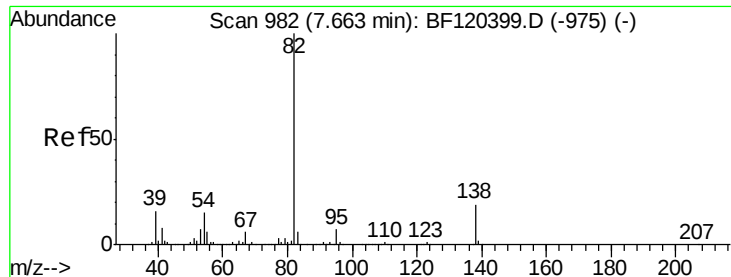
Tot Ion	82	Resp	420529
Ion Ratio	Lower	Upper	
82	100		
128	45.7	37.0	55.6
54	50.4	41.0	61.4



#24
Nitrobenzene
Concen: 24.539 ng
RT: 7.42 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	77	Resp	229925
Ion Ratio	Lower	Upper	
77	100		
123	47.3	38.4	57.6
65	13.3	11.0	16.4





#25

Isophorone

Concen: 23.086 ng

RT: 7.66 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampleId :

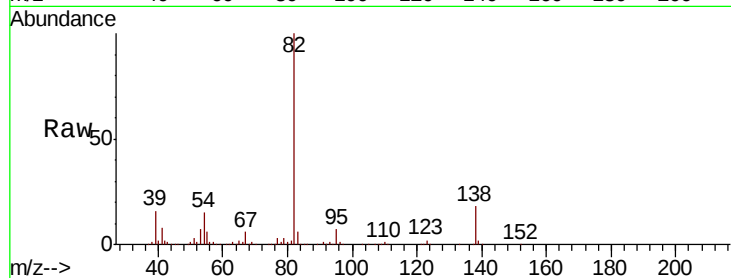
Tot Ion: 82 Resp: 403588

Ion Ratio Lower Upper

82 100

95 6.6 5.7 8.5

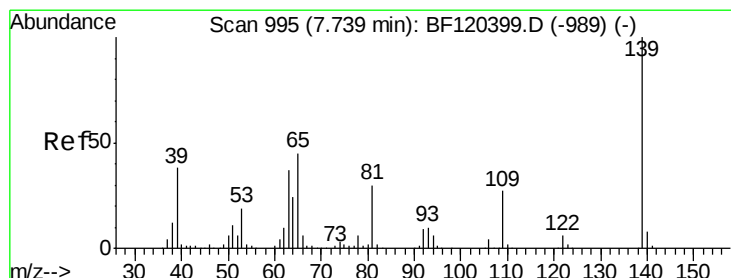
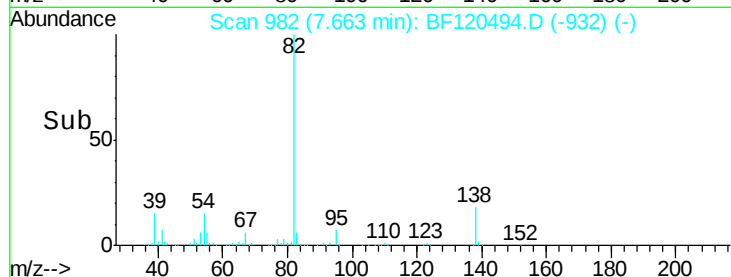
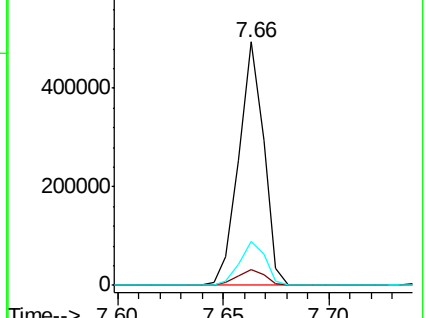
138 18.0 15.0 22.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 25.987 ng

RT: 7.75 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

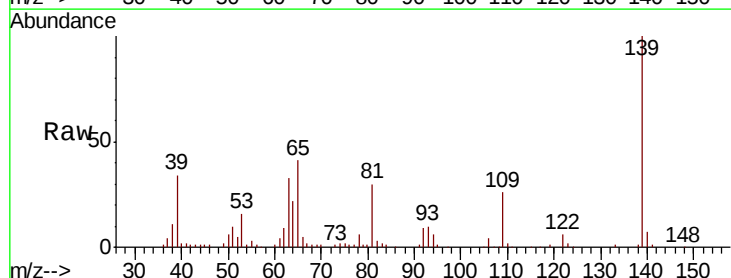
Tgt Ion: 139 Resp: 109782

Ion Ratio Lower Upper

139 100

109 26.1 21.9 32.9

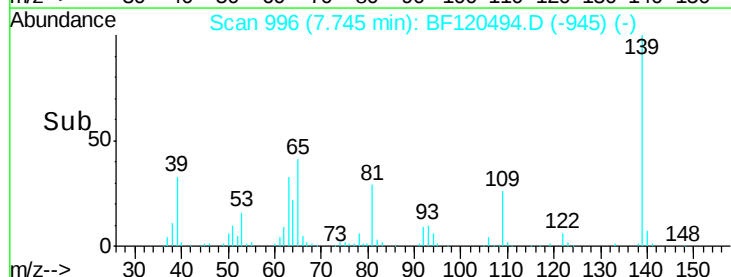
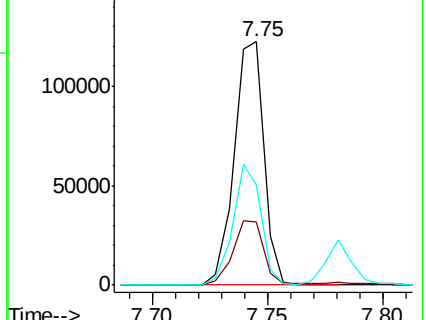
65 41.2 36.7 55.1

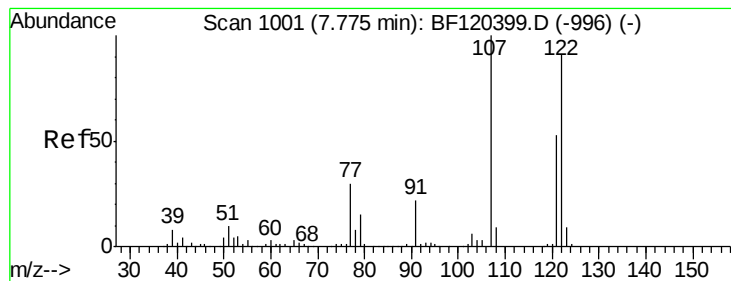


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 26.645 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampleId :

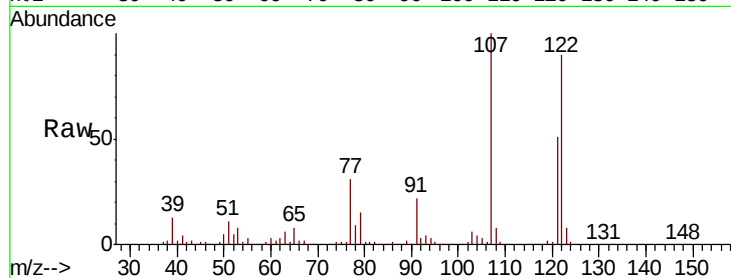
Tot Ion:122 Resp: 195481

Ion Ratio Lower Upper

122 100

107 110.5 85.2 127.8

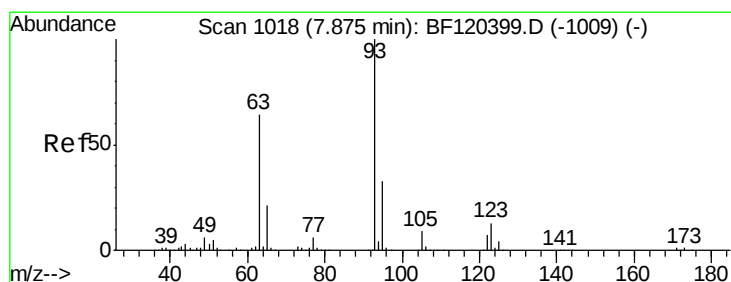
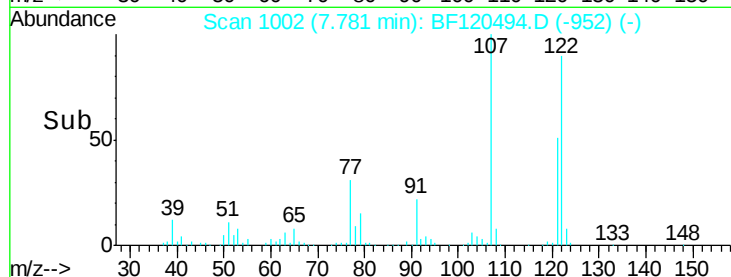
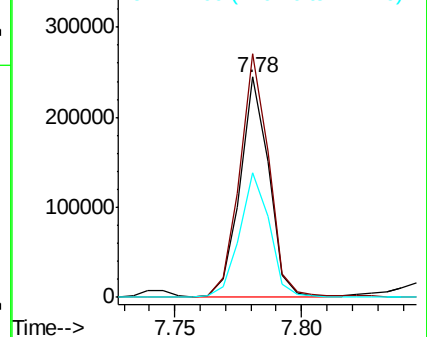
121 56.8 45.6 68.4



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: 25.138 ng

RT: 7.87 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

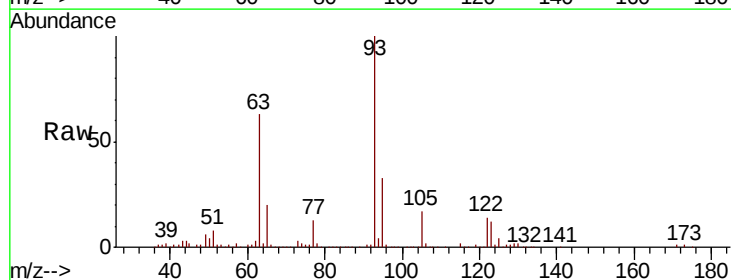
Tgt Ion: 93 Resp: 264654

Ion Ratio Lower Upper

93 100

95 32.6 26.6 39.8

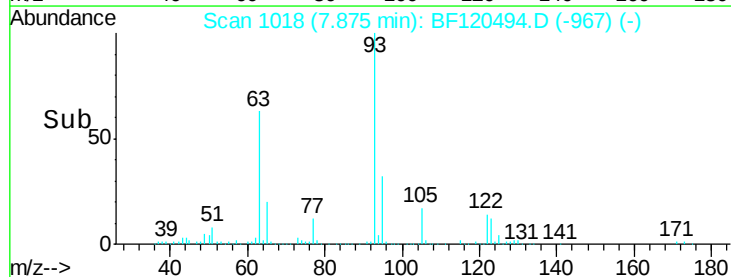
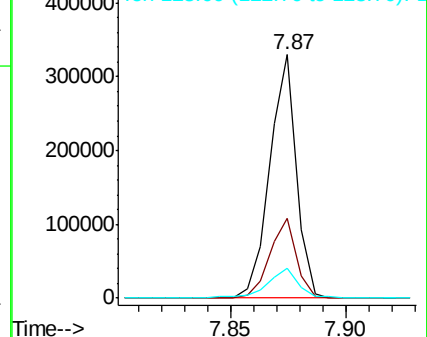
123 12.5 9.6 14.4

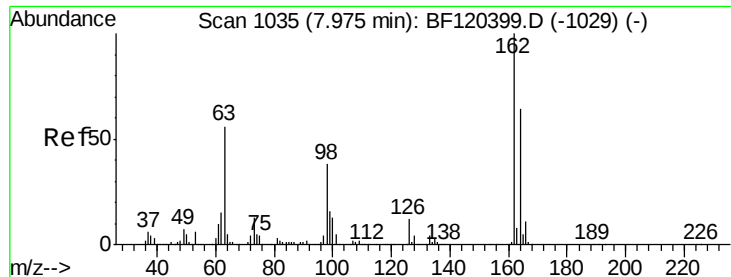


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

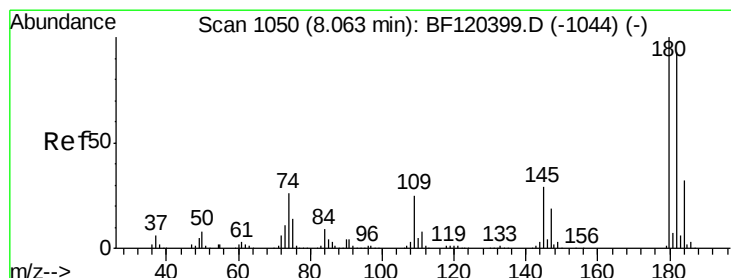
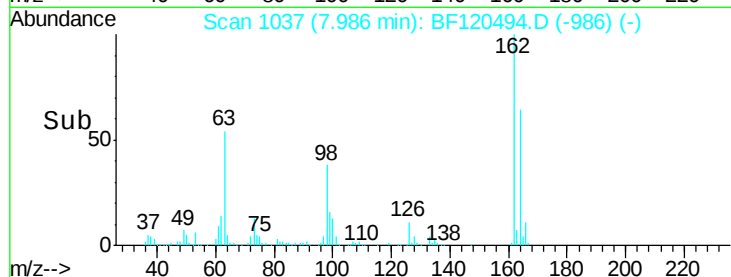
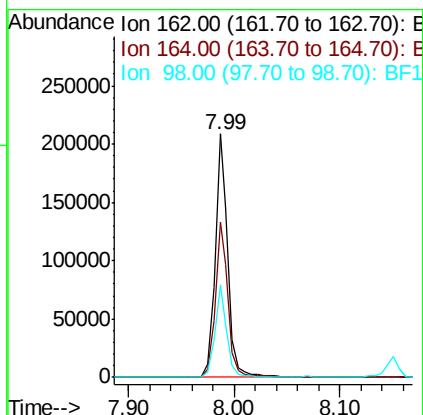
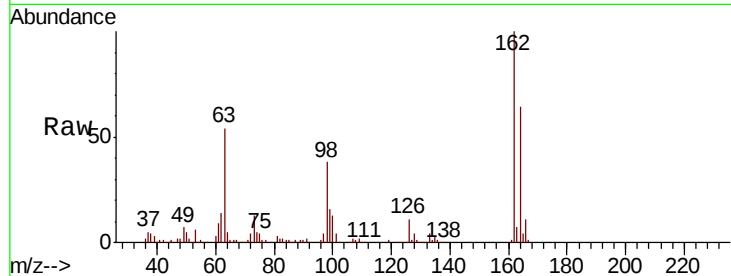




#29
2,4-Dichlorophenol
Concen: 23.967 ng
RT: 7.99 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

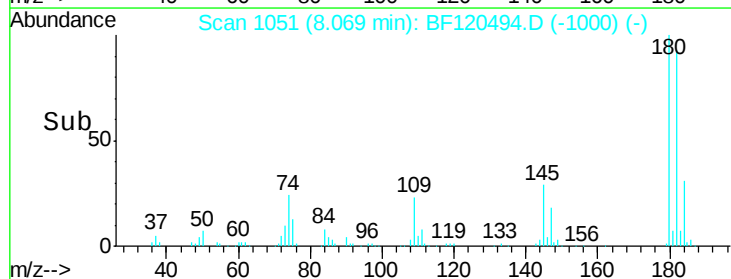
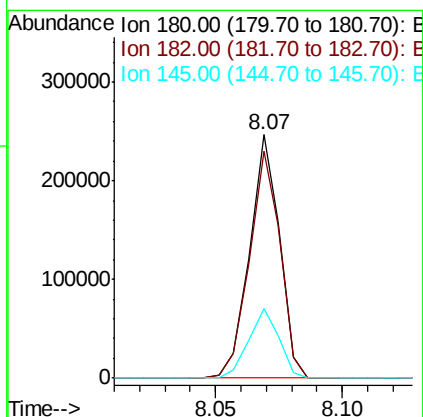
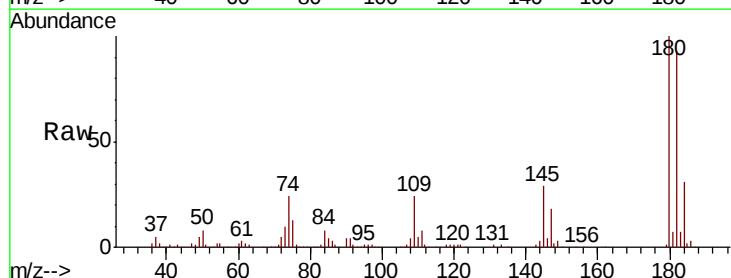
Instrument :
BNA_F
ClientSampleId :

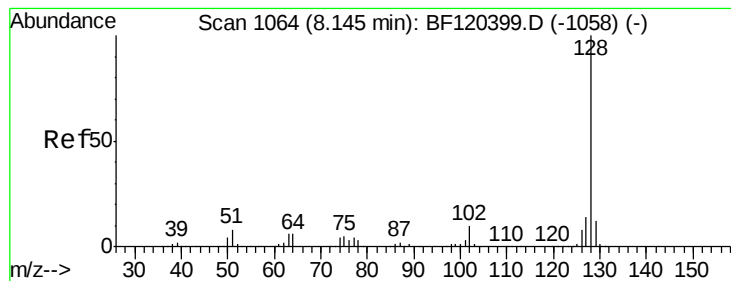
Tot Ion:162 Resp: 177599
Ion Ratio Lower Upper
162 100
164 63.7 44.4 84.4
98 37.9 17.9 57.9



#30
1,2,4-Trichlorobenzene
Concen: 24.410 ng
RT: 8.07 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion:180 Resp: 202988
Ion Ratio Lower Upper
180 100
182 93.2 76.3 114.5
145 28.7 24.2 36.4





#31

Naphthalene

Concen: 41.299 ng

RT: 8.15 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampleId :

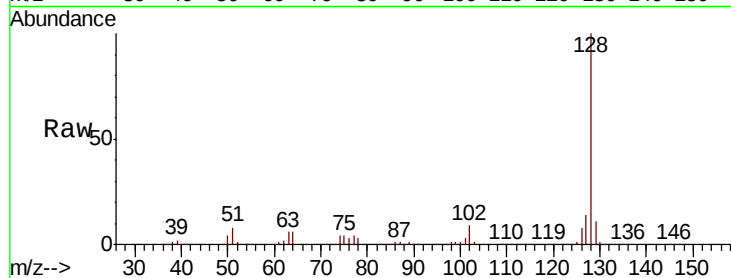
Tot Ion:128 Resp: 1031987

Ion Ratio Lower Upper

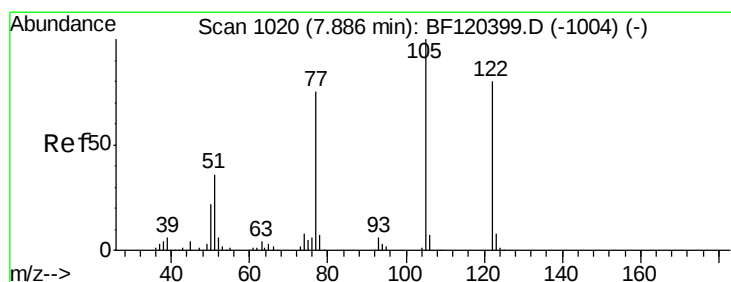
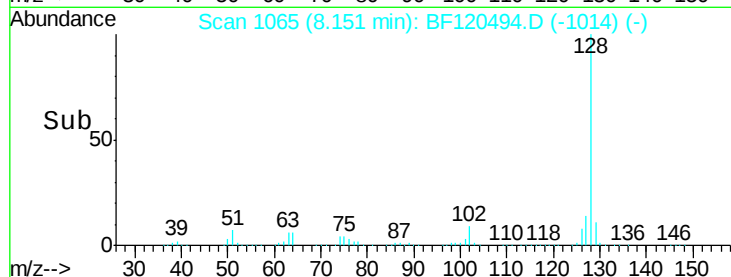
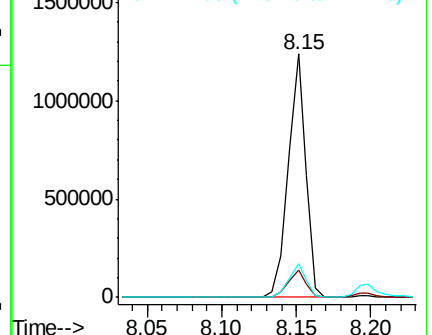
128 100

129 11.4 9.4 14.0

127 13.6 10.9 16.3



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: 20.256 ng

RT: 7.88 min Scan# 1019

Delta R.T. -0.04 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

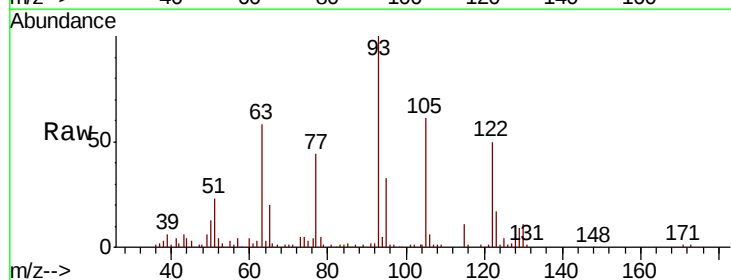
Tgt Ion:122 Resp: 110280

Ion Ratio Lower Upper

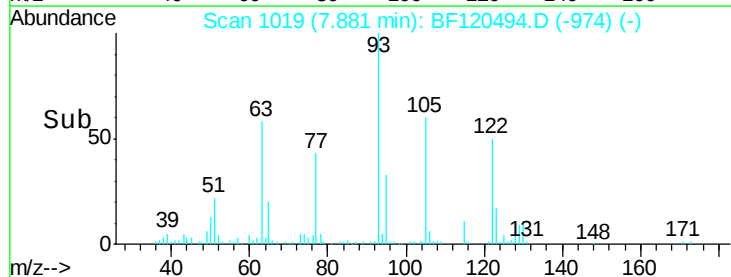
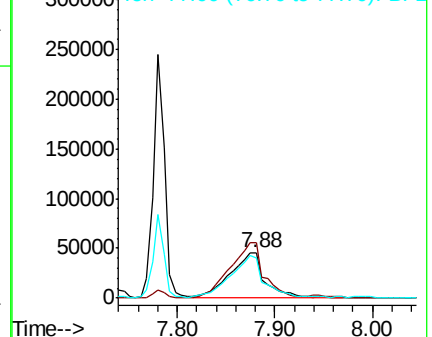
122 100

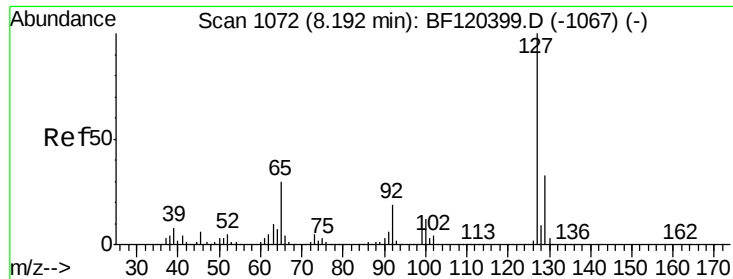
105 122.8 97.9 137.9

77 88.5 66.8 106.8



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

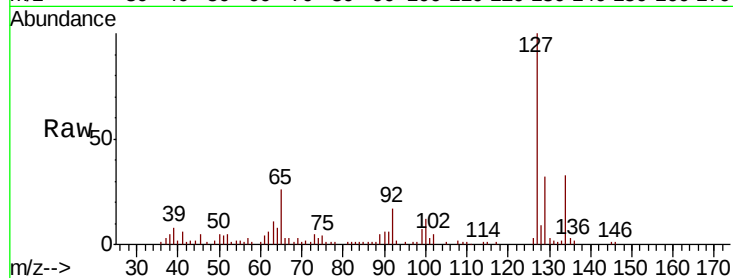




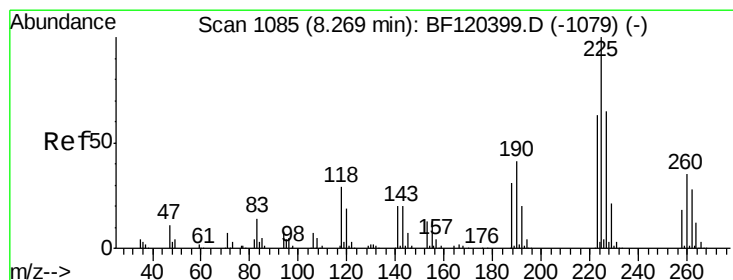
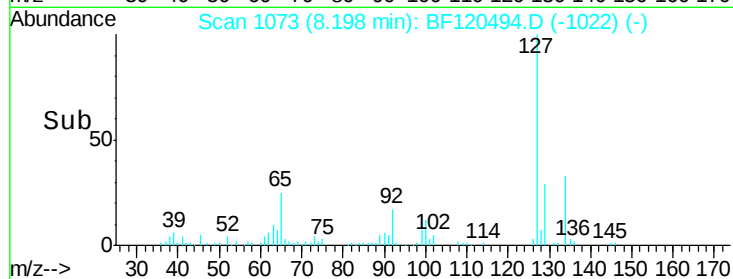
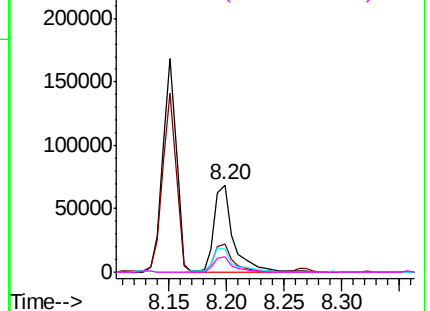
#33
4-Chloroaniline
Concen: 7.225 ng
RT: 8.20 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	80018
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	25.8	23.6	35.4
92	17.3	14.8	22.2

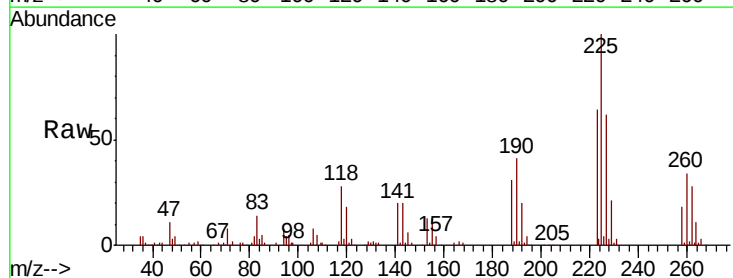


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

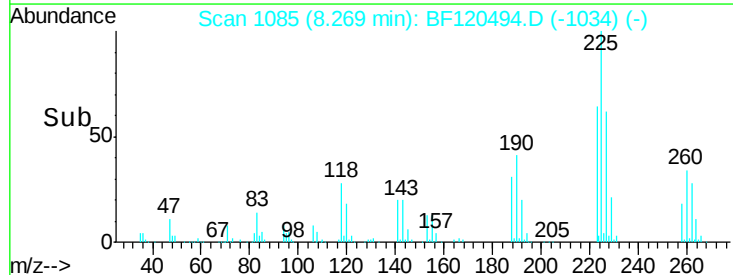
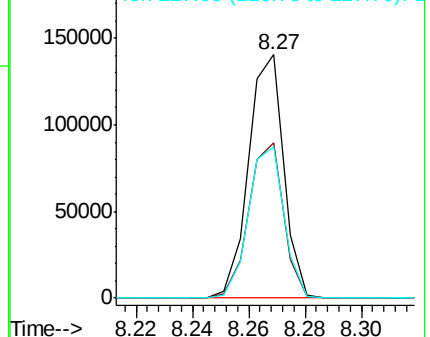


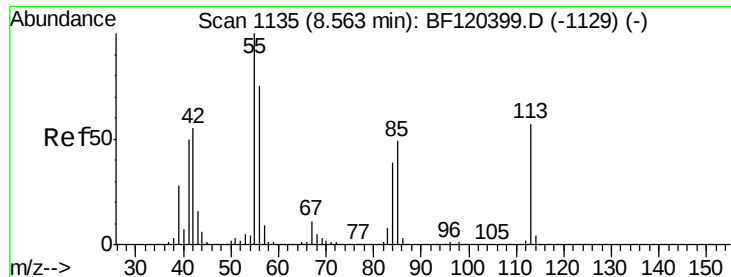
#34
Hexachlorobutadiene
Concen: 24.611 ng
RT: 8.27 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion:	225	Resp:	121312
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	75.8
227	62.3	52.3	78.5



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

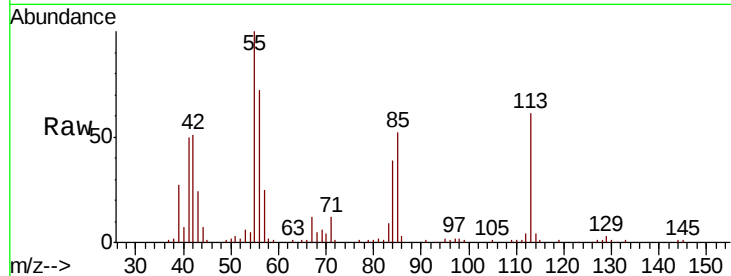




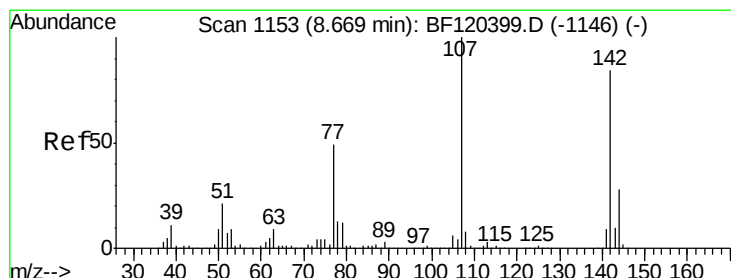
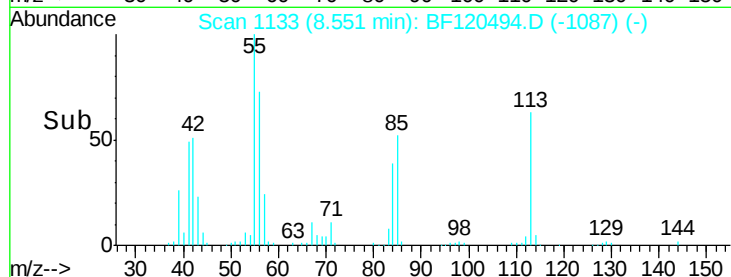
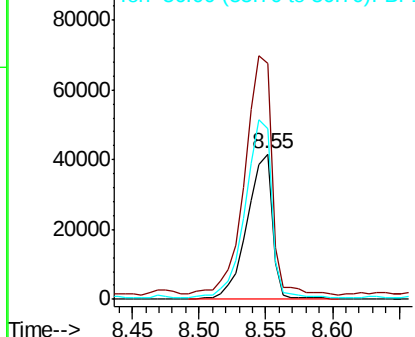
#35
 Caprolactam
 Concen: 22.510 ng
 RT: 8.55 min Scan# 1133
 Delta R.T. -0.03 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 54020
 Ion Ratio Lower Upper
 113 100
 55 162.8 149.5 189.5
 56 117.7 103.9 143.9

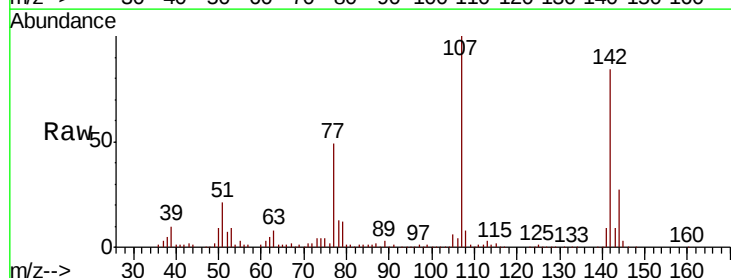


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

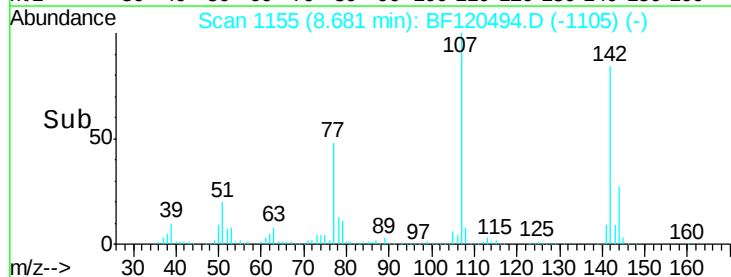
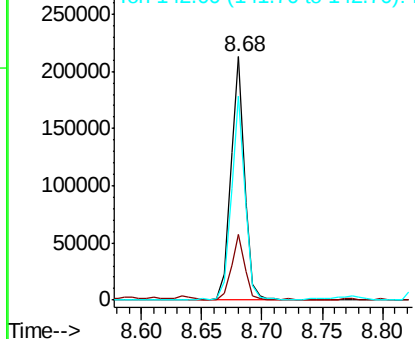


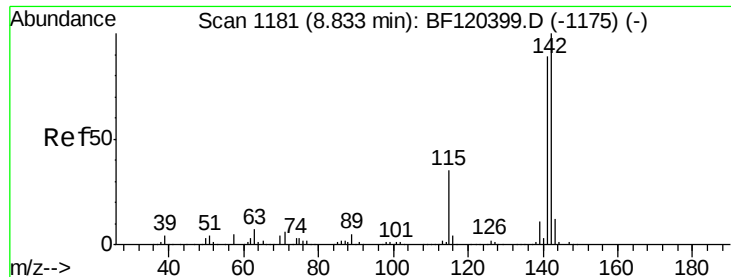
#36
 4-Chloro-3-methylphenol
 Concen: 22.368 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion:107 Resp: 168163
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.8 32.8
 142 83.8 66.8 100.2



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

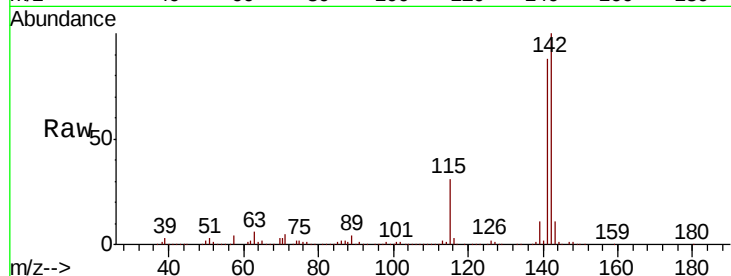




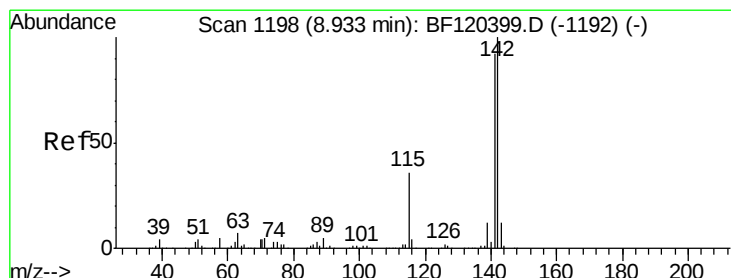
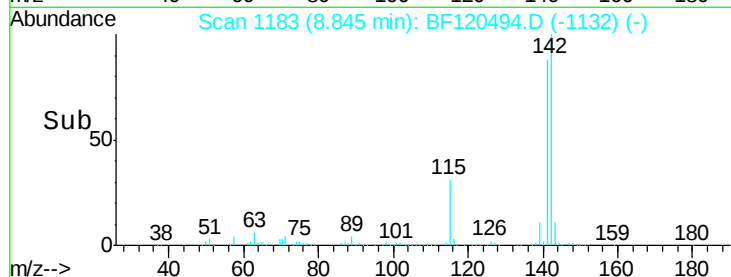
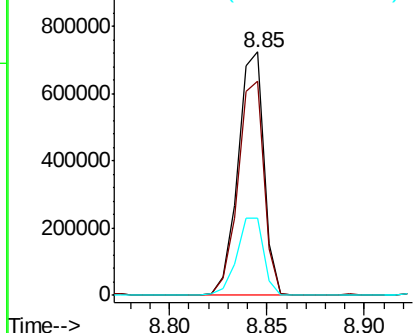
#37
2-Methylnaphthalene
Concen: 40.549 ng
RT: 8.85 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 671156
Ion Ratio Lower Upper
142 100
141 87.8 70.8 106.2
115 31.5 26.1 39.1

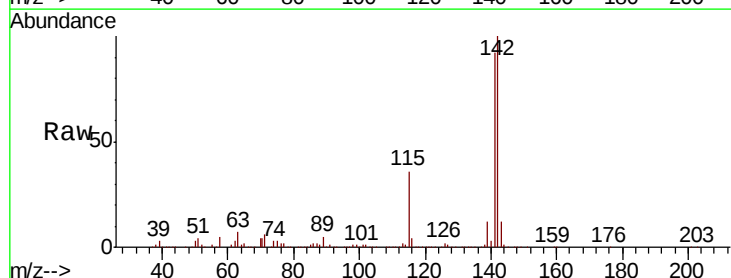


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

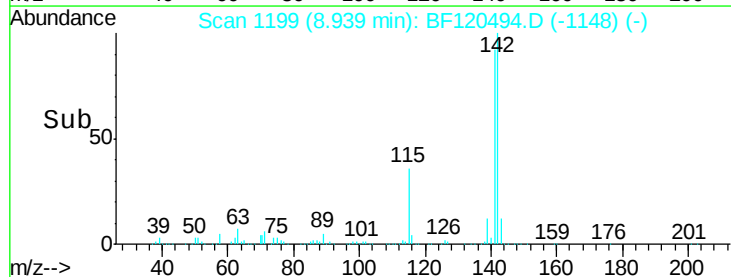
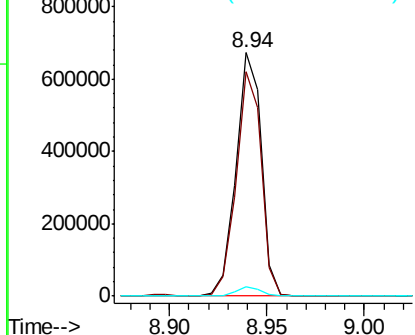


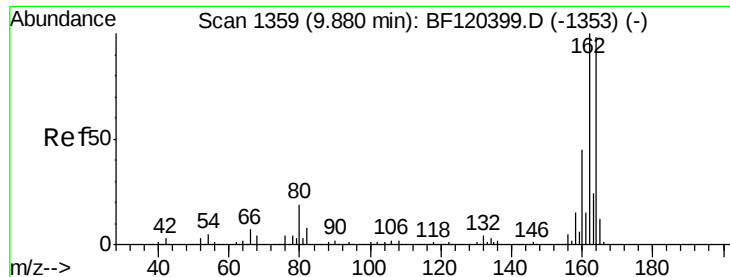
#38
1-Methylnaphthalene
Concen: 38.542 ng
RT: 8.94 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion:142 Resp: 602156
Ion Ratio Lower Upper
142 100
141 92.2 72.8 109.2
116 3.7 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

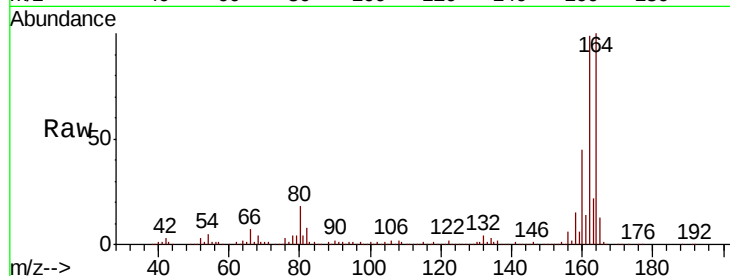




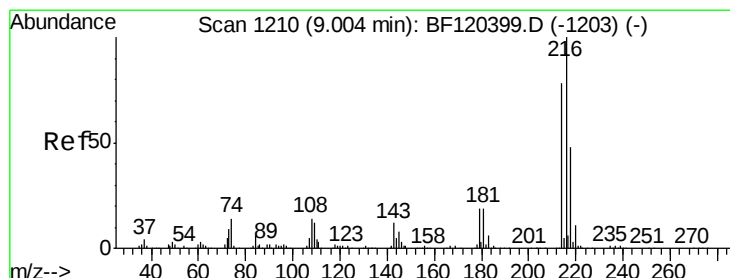
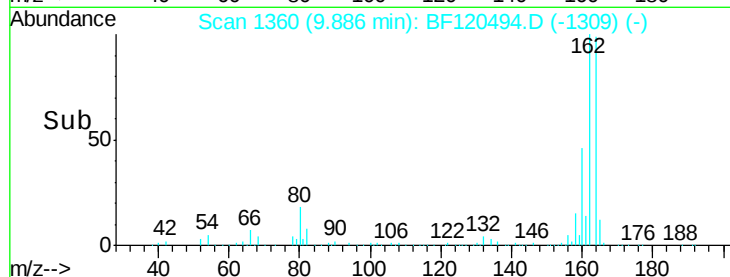
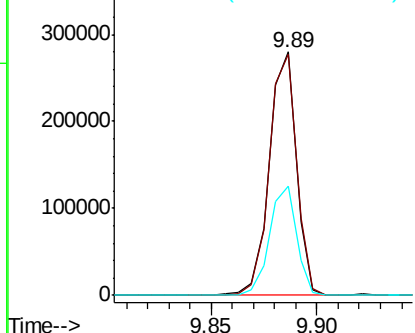
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.9	122.9
160	44.9	37.4	56.0



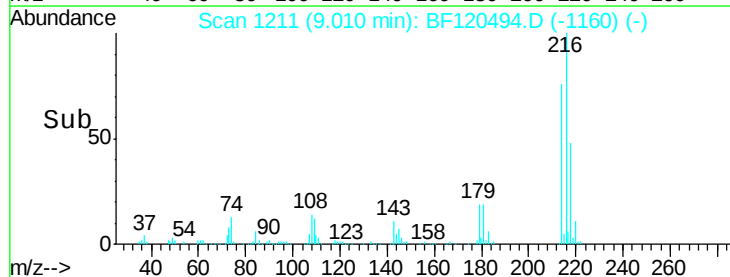
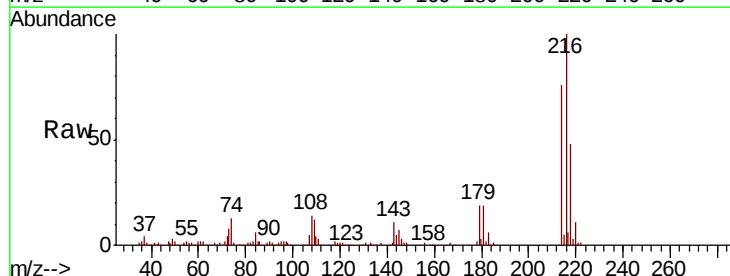
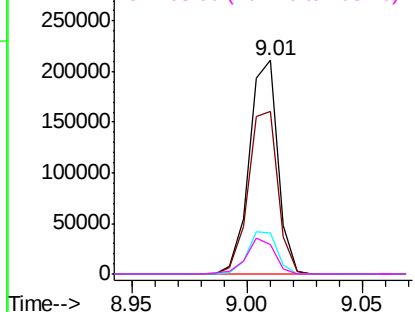
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

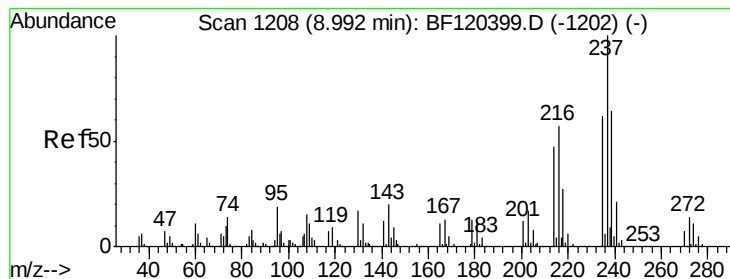


#40
1,2,4,5-Tetrachlorobenzene
Concen: 28.490 ng
RT: 9.01 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.9	94.3
179	20.4	16.5	24.7
108	16.7	14.7	22.1

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: 3.944 ng

RT: 8.99 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampleId :

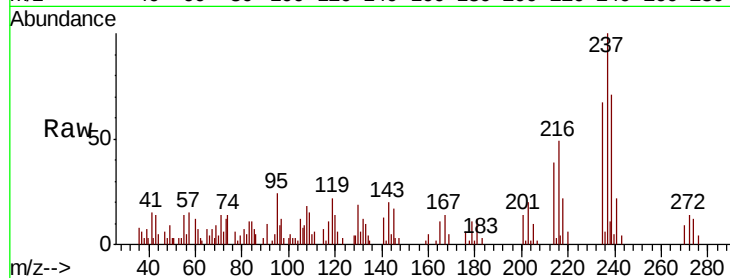
Tot Ion:237 Resp: 14152

Ion Ratio Lower Upper

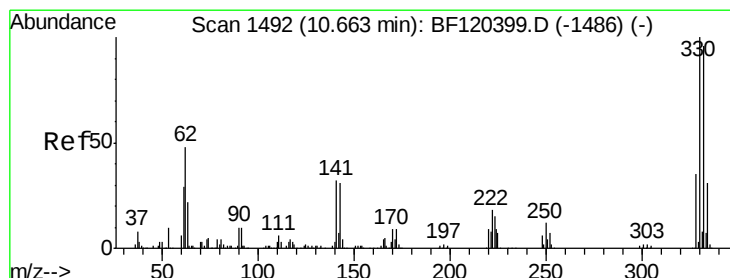
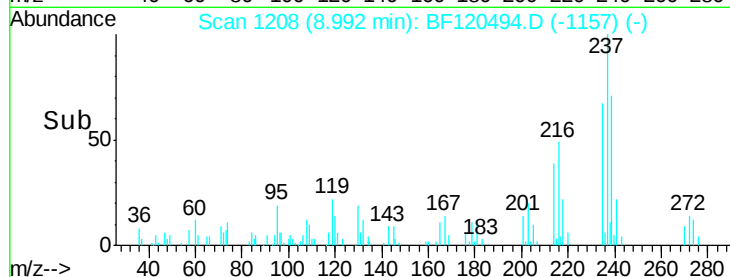
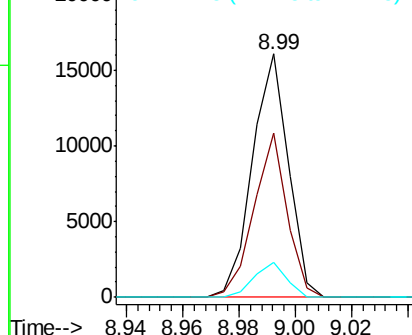
237 100

235 67.4 42.5 82.5

272 14.1 0.0 33.6



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: 64.245 ng

RT: 10.67 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

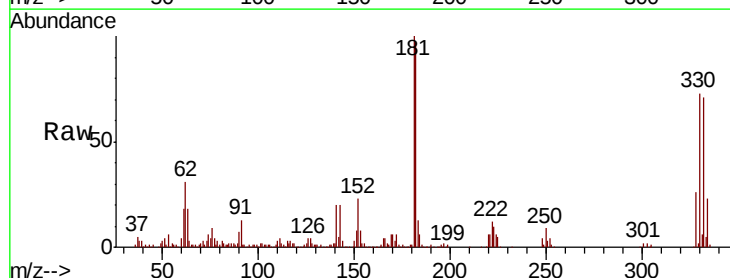
Tgt Ion:330 Resp: 149221

Ion Ratio Lower Upper

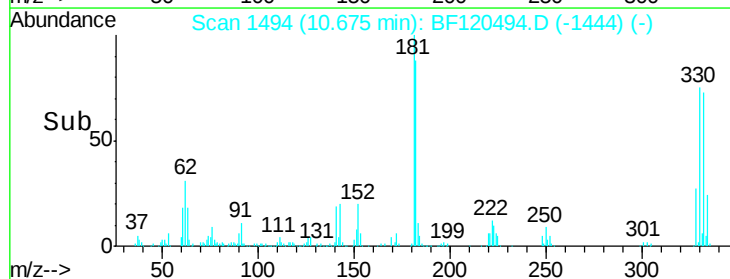
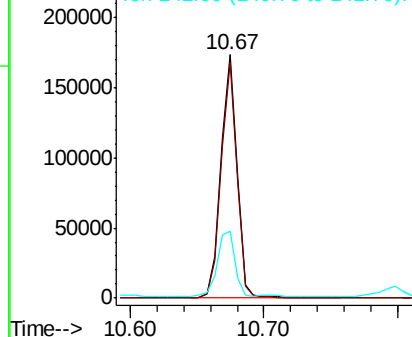
330 100

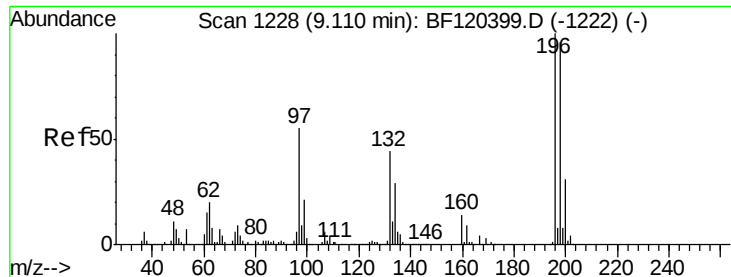
332 95.8 76.8 115.2

141 29.5 23.9 35.9



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

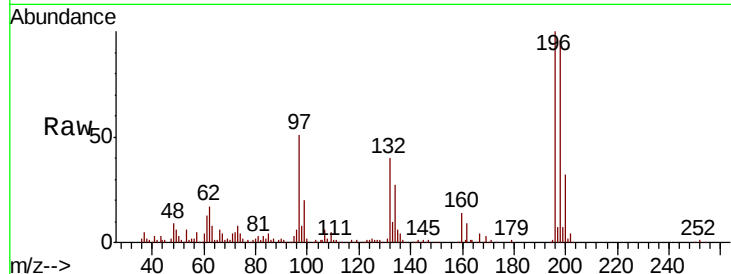




#43
 2,4,6-Trichlorophenol
 Concen: 25.067 ng
 RT: 9.12 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	116548
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.6	113.4
200	32.0	24.6	36.8

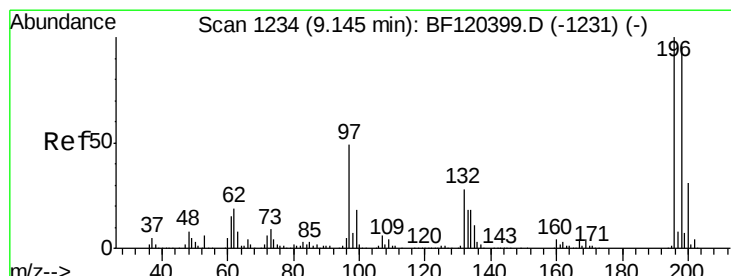
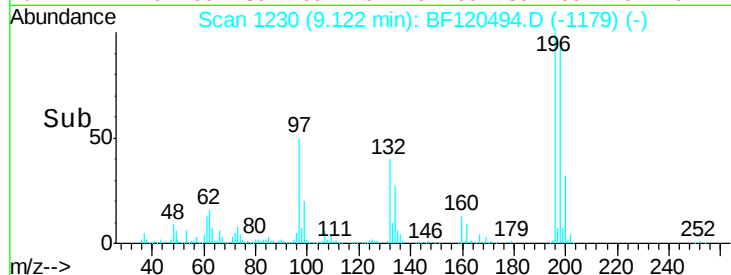
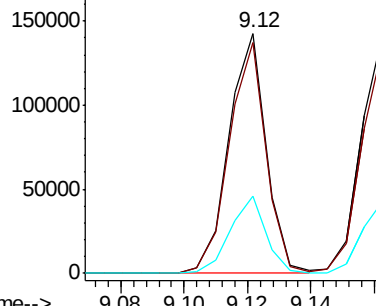


Abundance

Ion 196.00 (195.70 to 196.70): E

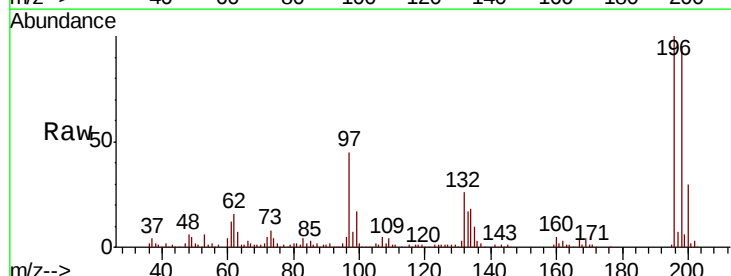
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 23.026 ng
 RT: 9.16 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion	196	Resp	121352
Ion Ratio	Lower	Upper	
196	100		
198	94.9	76.8	115.2
97	44.9	40.0	60.0
132	26.3	22.6	33.8



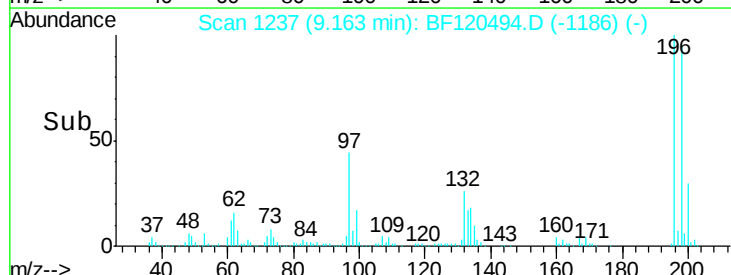
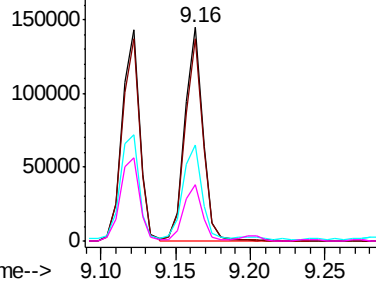
Abundance

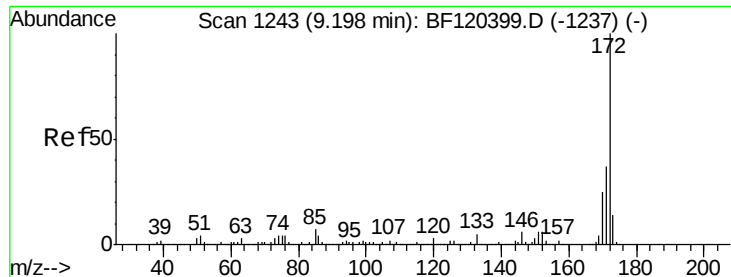
Ion 196.00 (195.70 to 196.70): E

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

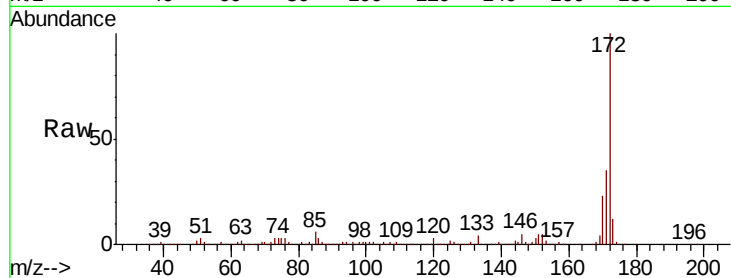




#45
2-Fluorobiphenyl
Concen: 51.856 ng
RT: 9.20 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.4	44.2
170	22.7	19.9	29.9

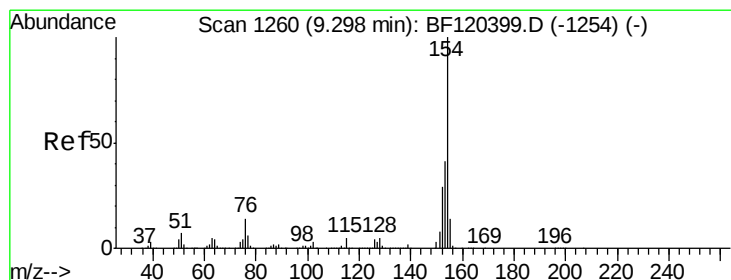
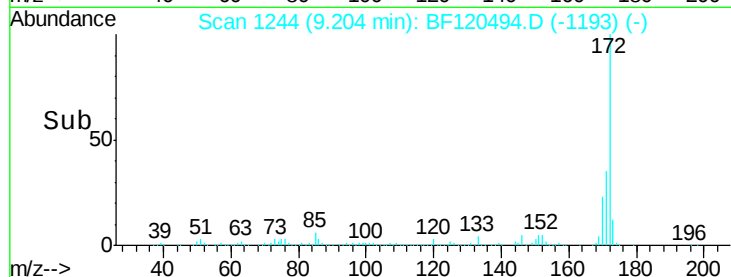
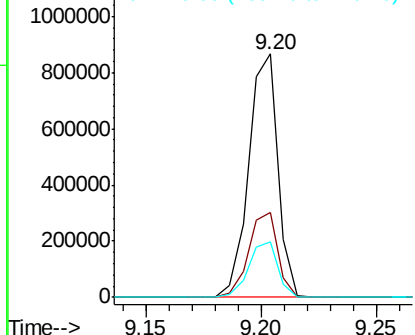


Abundance

Ion 172.00 (171.70 to 172.70): E

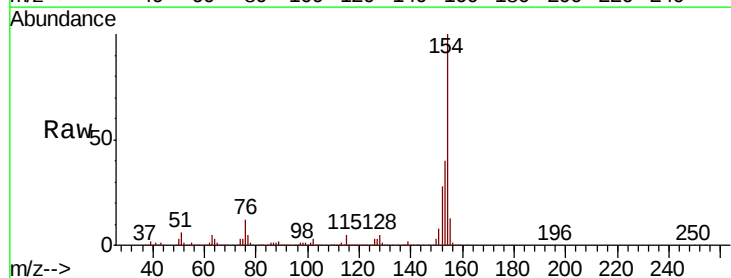
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 34.003 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.1	61.1
76	12.3	0.0	31.3

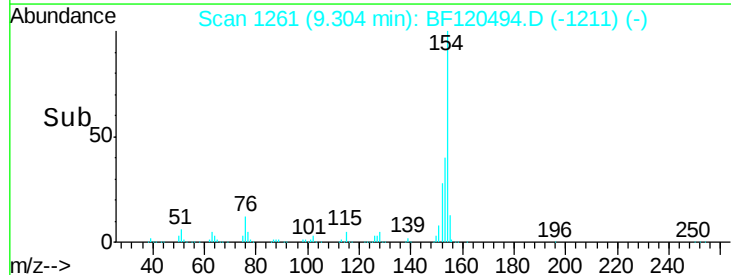
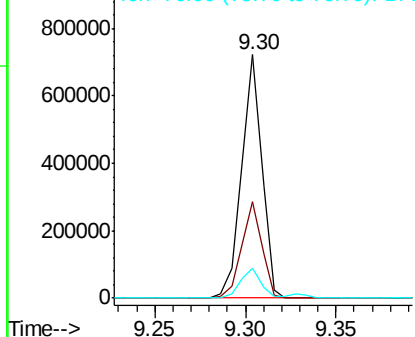


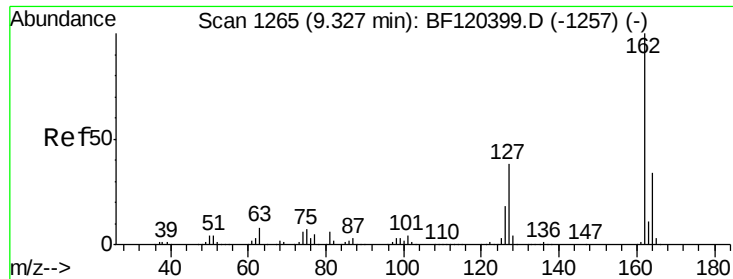
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

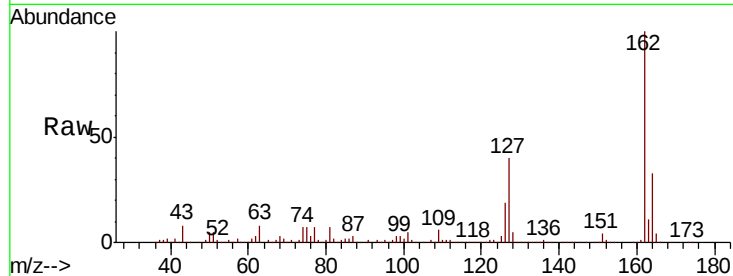




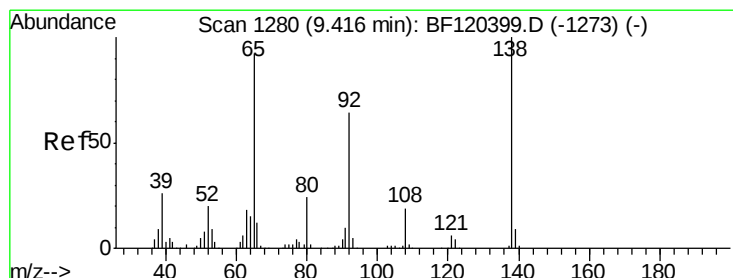
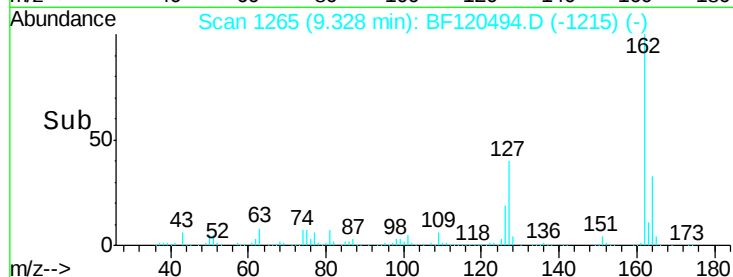
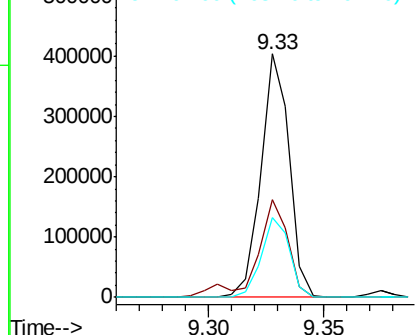
#47
 2-Chloronaphthalene
 Concen: 25.361 ng
 RT: 9.33 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 343906
 Ion Ratio Lower Upper
 162 100
 127 40.0 32.2 48.4
 164 32.6 27.1 40.7

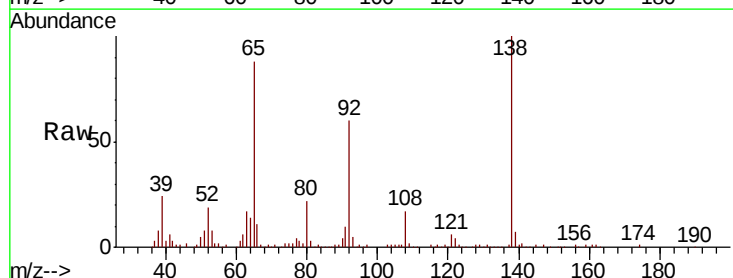


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

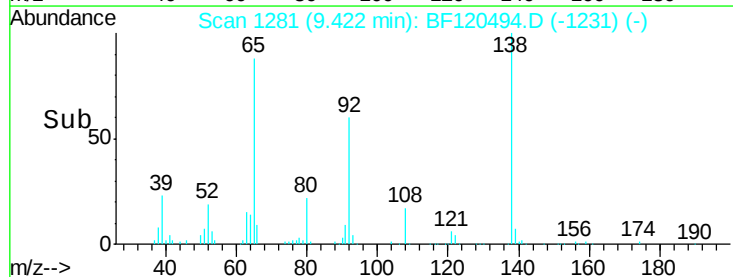
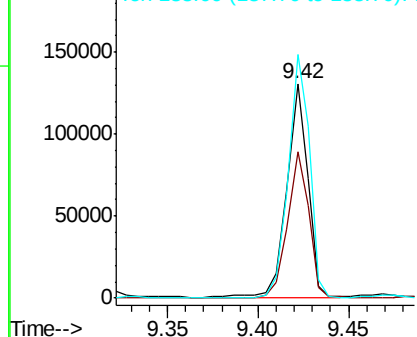


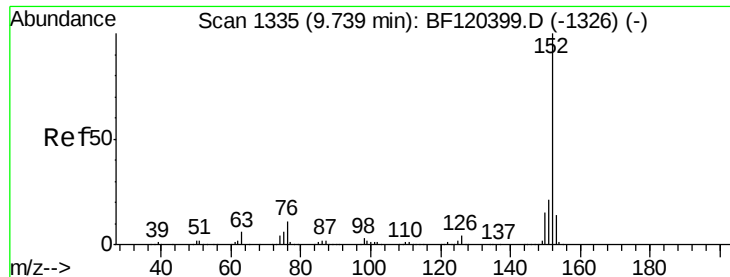
#48
 2-Nitroaniline
 Concen: 25.361 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion: 65 Resp: 104746
 Ion Ratio Lower Upper
 65 100
 92 68.3 56.0 84.0
 138 113.5 91.8 137.6



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: 36.227 ng

RT: 9.75 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampled :

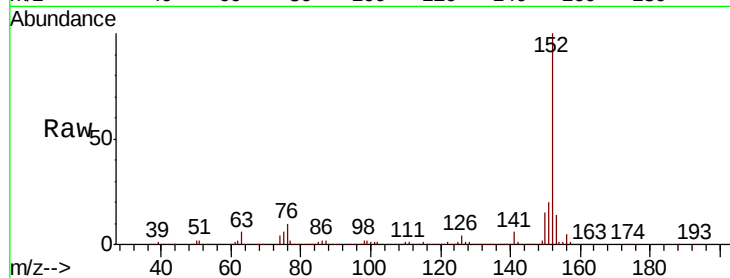
Tot Ion:152 Resp: 759134

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

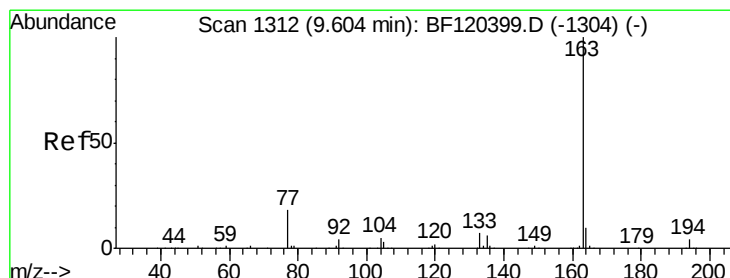
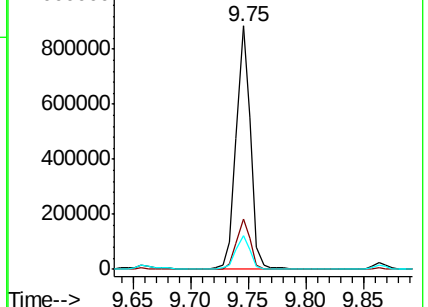
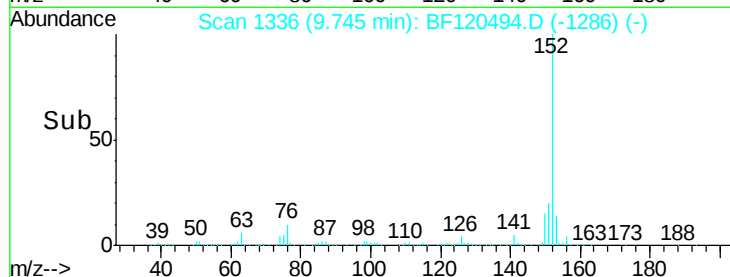
153 14.0 10.9 16.3



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: 33.429 ng

RT: 9.60 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

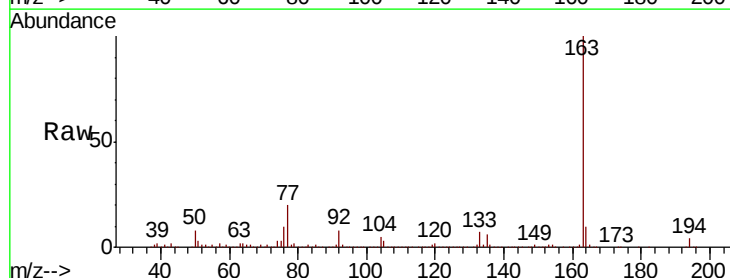
Tgt Ion:163 Resp: 523909

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

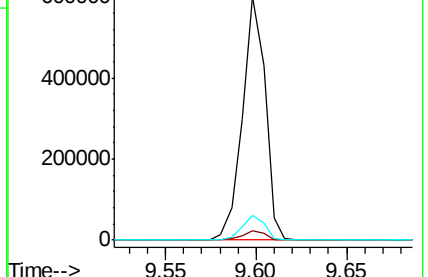
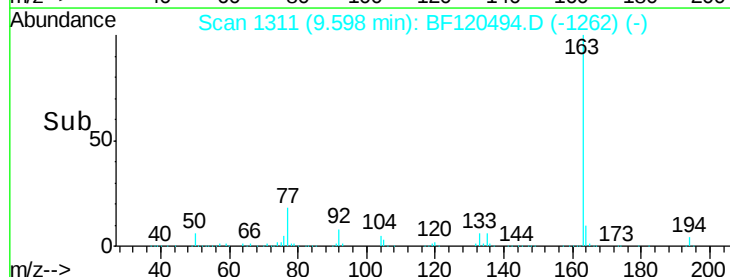
164 10.2 8.2 12.2

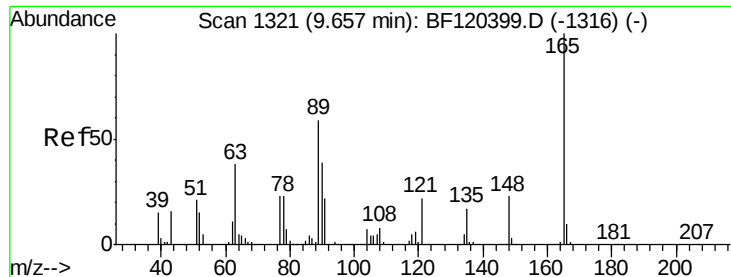


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

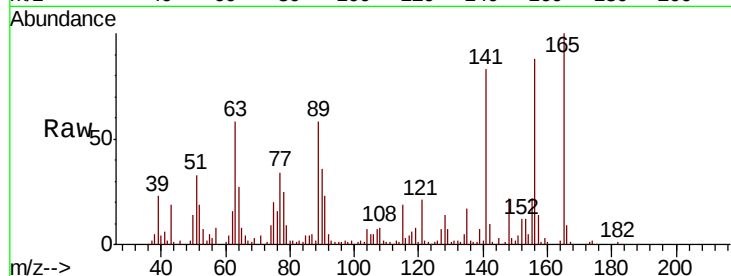




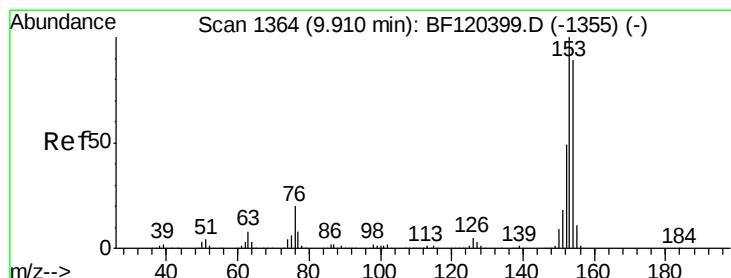
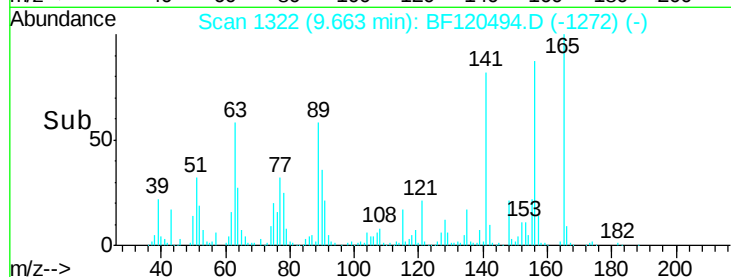
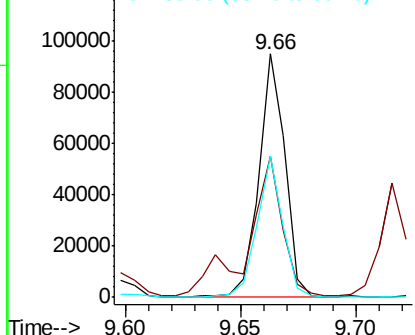
#51
2,6-Dinitrotoluene
Concen: 21.247 ng
RT: 9.66 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 73999
Ion Ratio Lower Upper
165 100
63 58.1 44.3 66.5
89 57.8 43.0 64.4

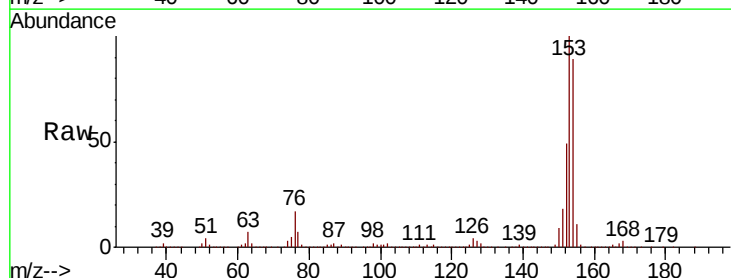


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

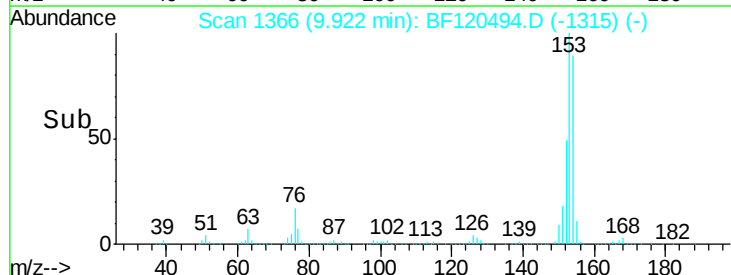
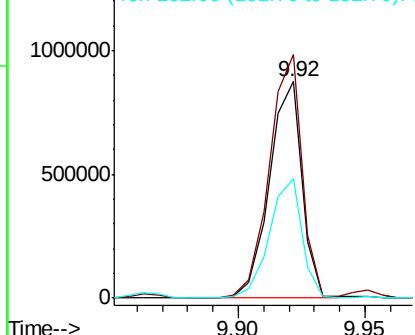


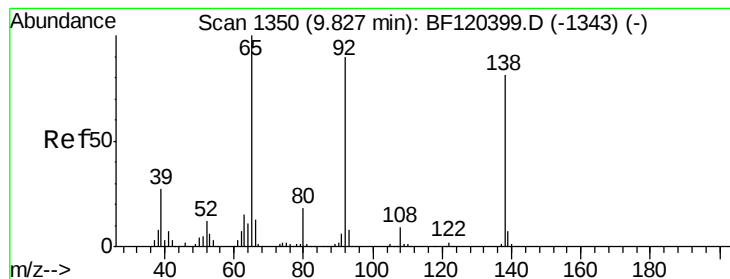
#52
Acenaphthene
Concen: 60.309 ng
RT: 9.92 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion:154 Resp: 788739
Ion Ratio Lower Upper
154 100
153 112.4 90.2 135.4
152 54.9 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 17.086 ng

RT: 9.83 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampleId :

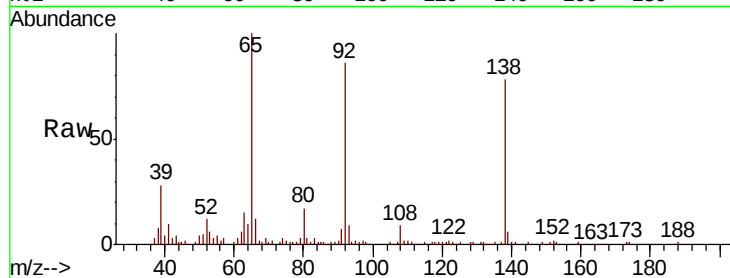
Tot Ion:138 Resp: 69880

Ion Ratio Lower Upper

138 100

108 10.9 8.0 12.0

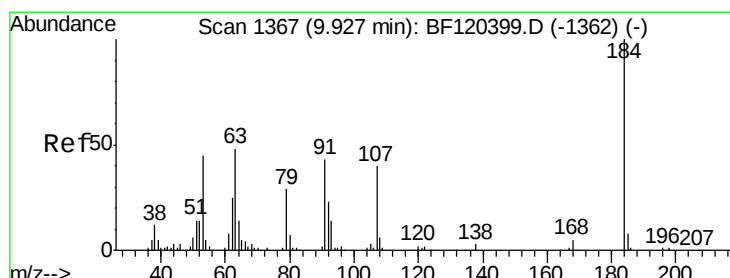
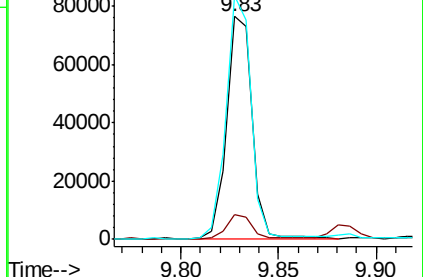
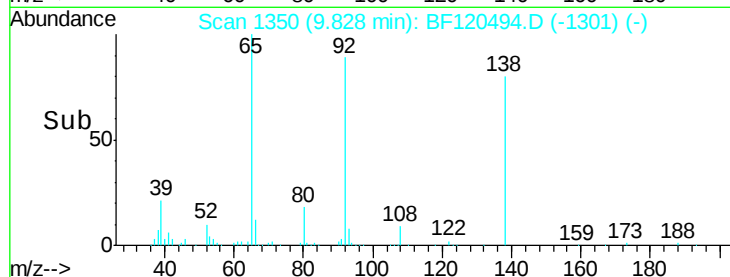
92 109.3 87.8 131.8



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: 13.613 ng

RT: 9.95 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

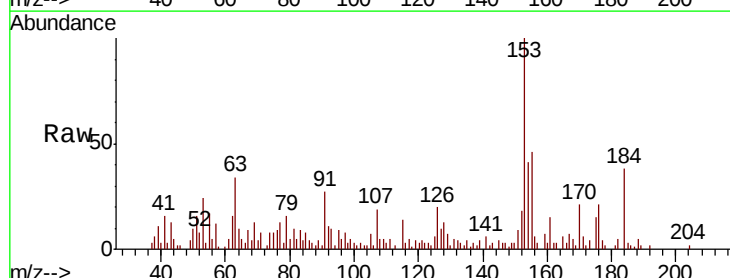
Tgt Ion:184 Resp: 9302

Ion Ratio Lower Upper

184 100

63 89.1 49.5 74.3#

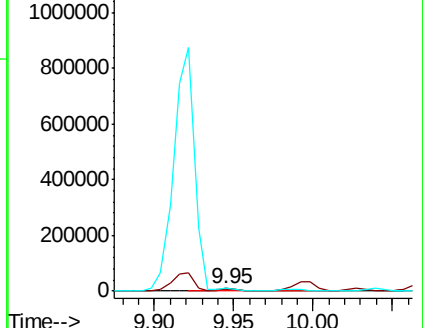
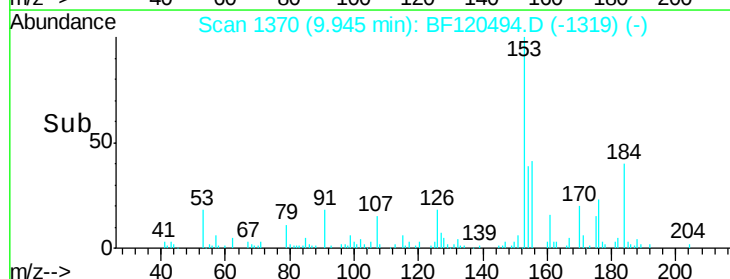
154 107.0 47.8 71.8#

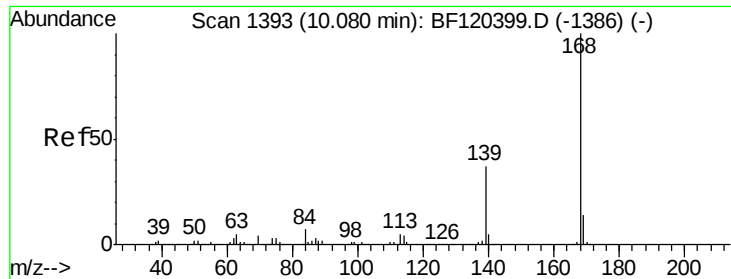


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 52.787 ng

RT: 10.09 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampleId :

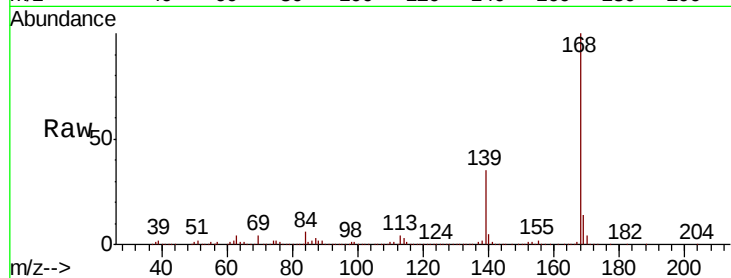
Tot Ion:168 Resp: 1003246

Ion Ratio Lower Upper

168 100

139 35.3 29.9 44.9

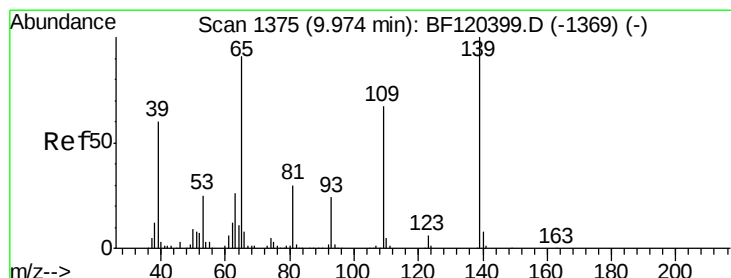
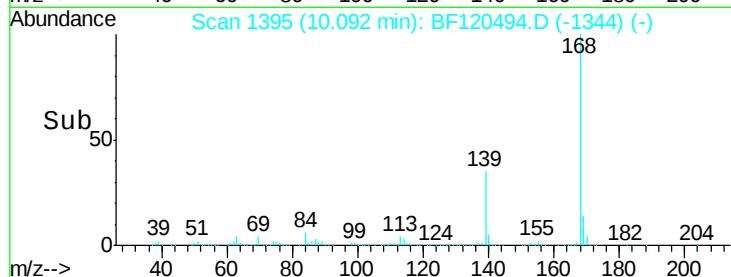
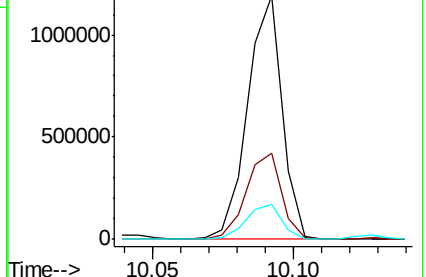
169 14.1 11.3 16.9



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: 43.673 ng

RT: 10.00 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

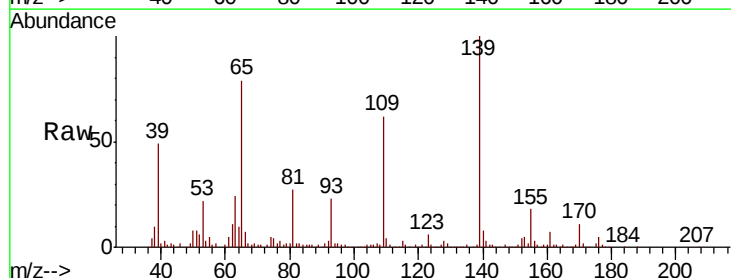
Tgt Ion:139 Resp: 136746

Ion Ratio Lower Upper

139 100

109 61.7 43.6 83.6

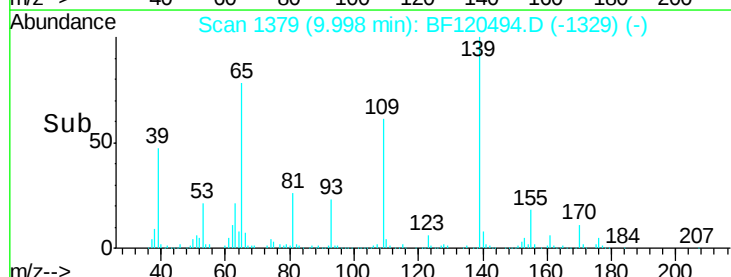
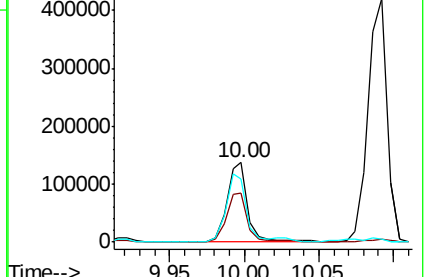
65 78.6 62.9 102.9

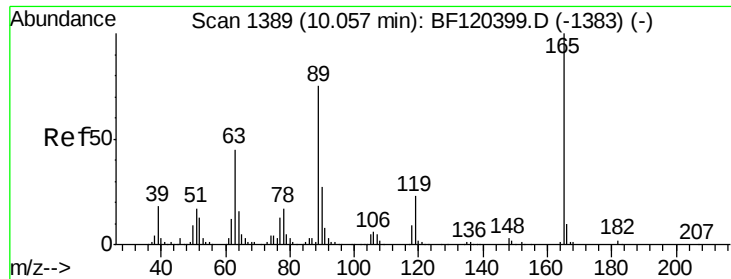


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

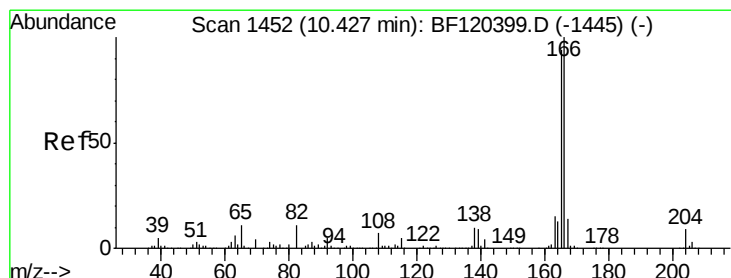
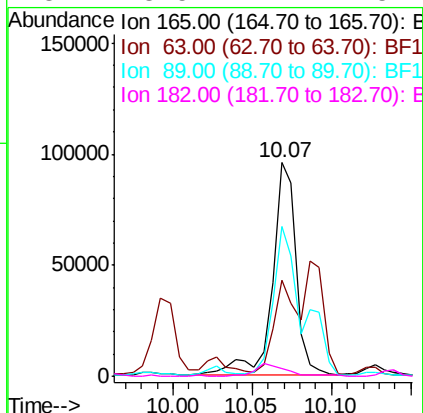
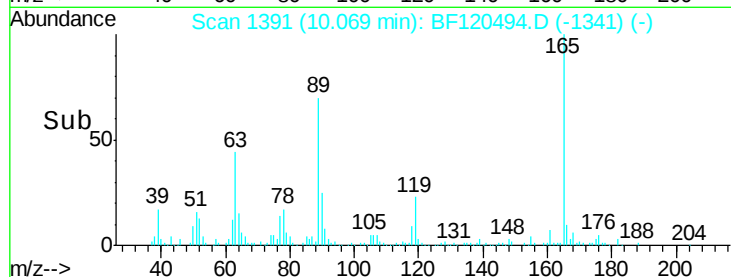
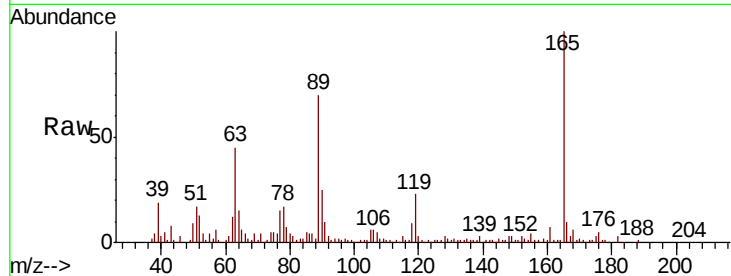




#57
 2,4-Dinitrotoluene
 Concen: 22.119 ng
 RT: 10.07 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

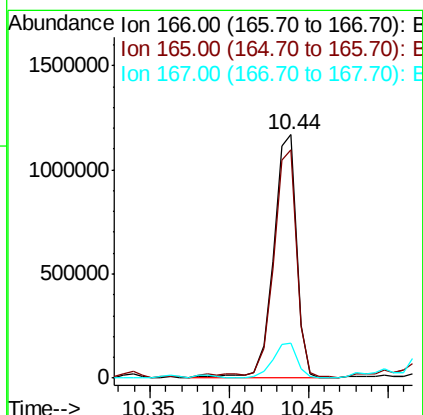
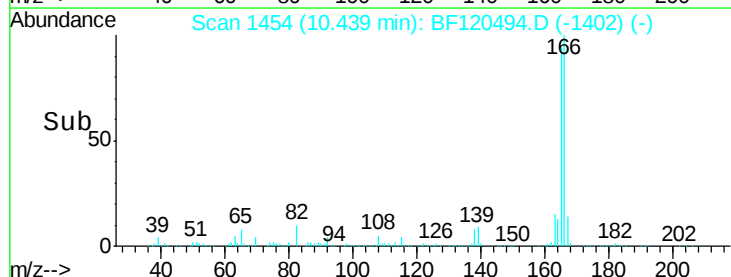
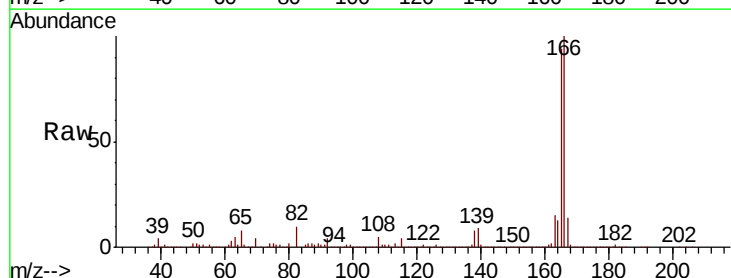
Instrument :
 BNA_F
 ClientSampled :

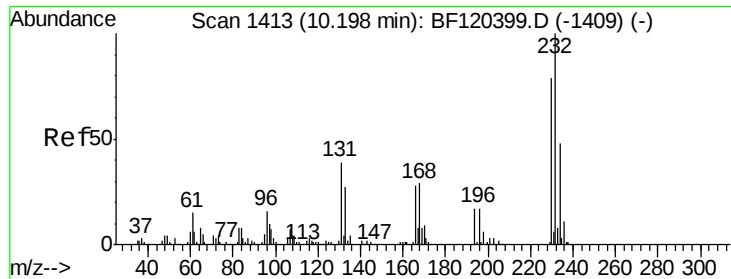
Tot Ion:165 Resp: 98595
 Ion Ratio Lower Upper
 165 100
 63 44.7 33.1 49.7
 89 70.3 55.0 82.4
 182 3.5 2.1 3.1#



#58
 Fluorene
 Concen: 82.718 ng
 RT: 10.44 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion:166 Resp: 1179745
 Ion Ratio Lower Upper
 166 100
 165 93.9 76.2 114.2
 167 14.1 11.2 16.8

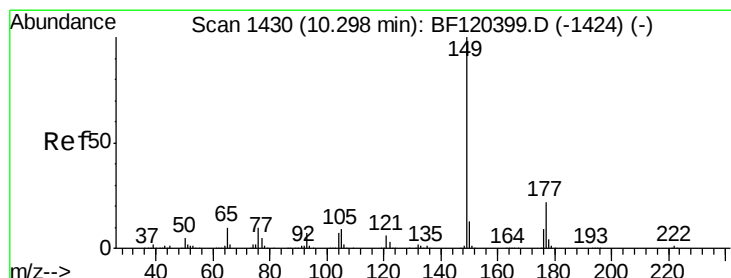
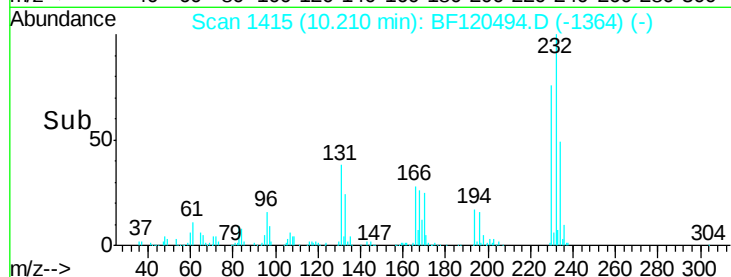
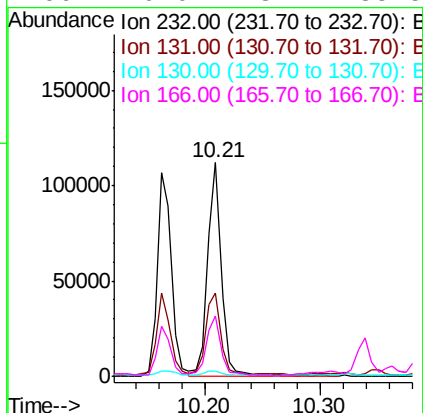
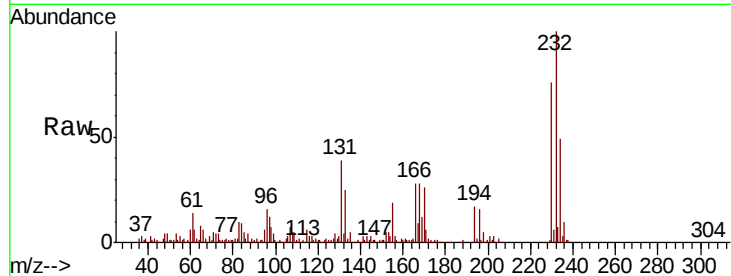




#59
2,3,4,6-Tetrachlorophenol
Concen: 22.930 ng
RT: 10.21 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

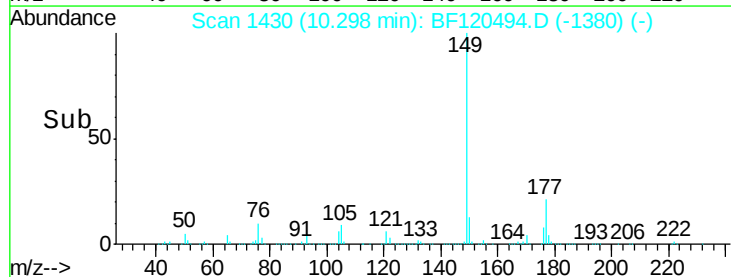
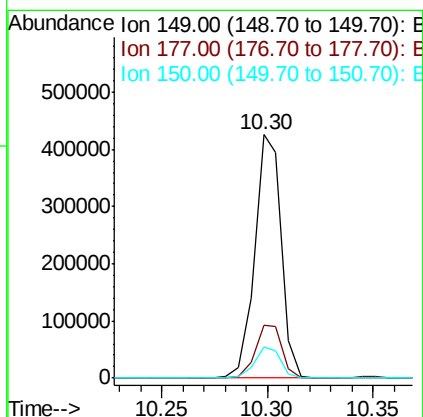
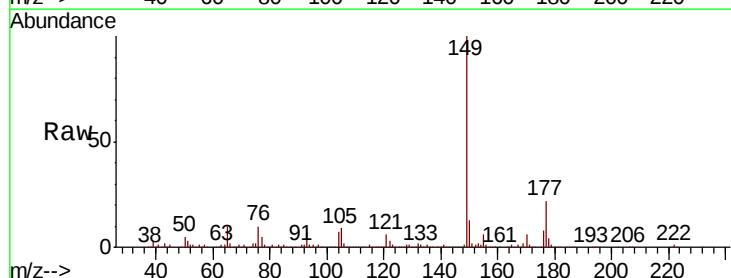
Instrument :
BNA_F
ClientSampleId :

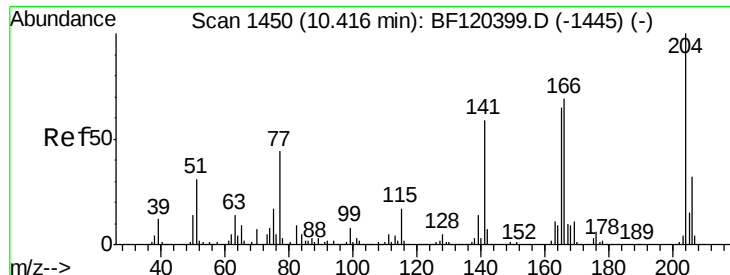
Tot Ion:232 Resp: 94171
Ion Ratio Lower Upper
232 100
131 40.6 35.3 52.9
130 4.2 1.8 2.6#
166 0.0 23.7 35.5#



#60
Diethylphthalate
Concen: 23.371 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion:149 Resp: 370133
Ion Ratio Lower Upper
149 100
177 21.5 17.6 26.4
150 13.0 10.6 15.8

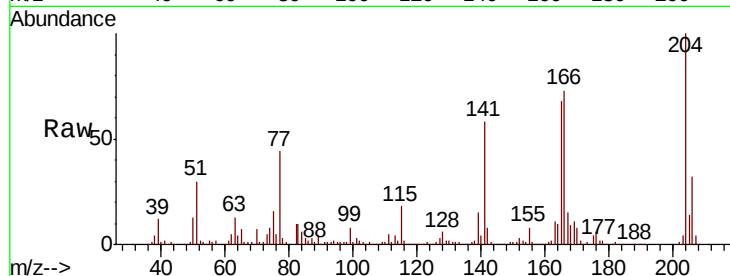




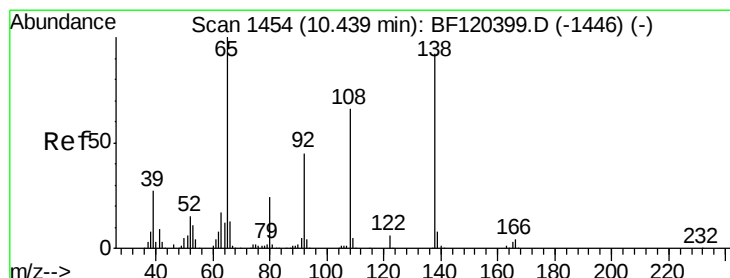
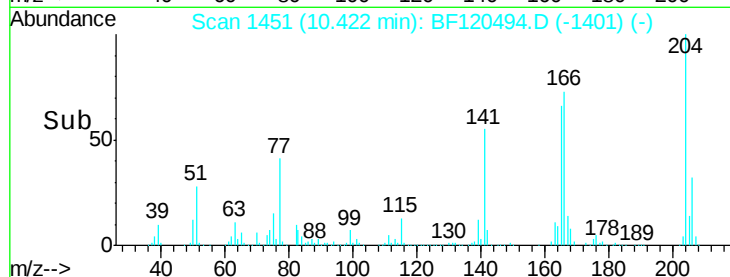
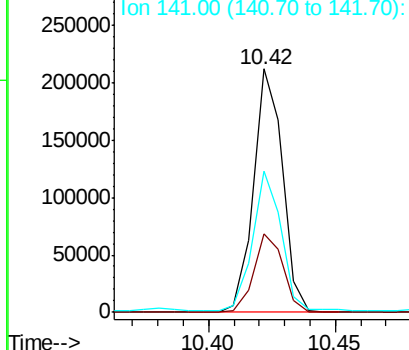
#61
 4-Chlorophenyl-phenylether
 Concen: 21.814 ng
 RT: 10.42 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 168671
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.8 40.2
 141 57.7 44.4 66.6

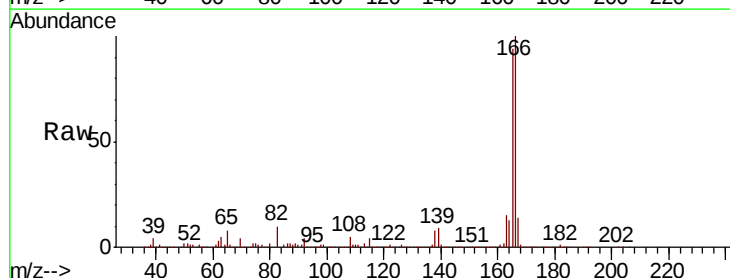


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

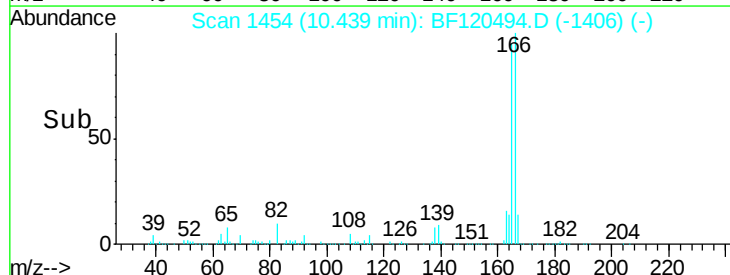
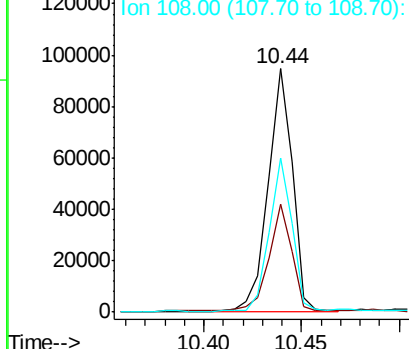


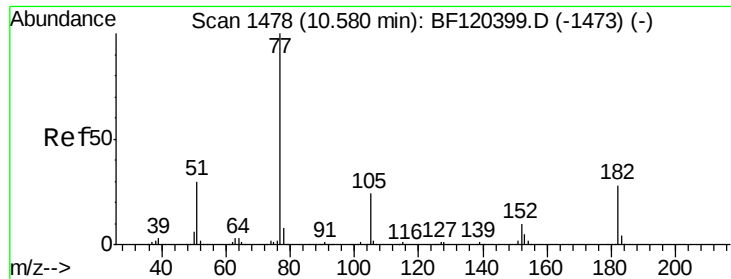
#62
 4-Nitroaniline
 Concen: 21.064 ng
 RT: 10.44 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion:138 Resp: 81331
 Ion Ratio Lower Upper
 138 100
 92 44.6 26.5 66.5
 108 63.2 47.9 87.9



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

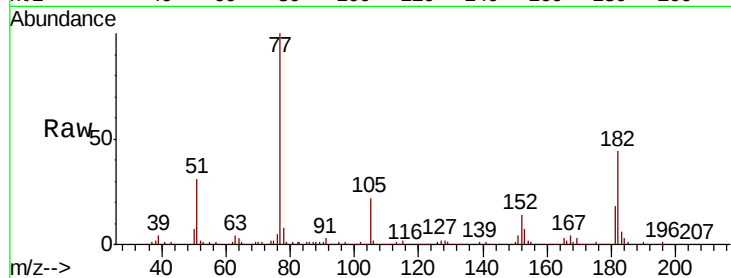




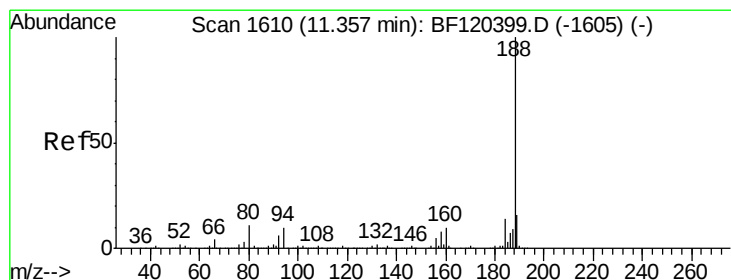
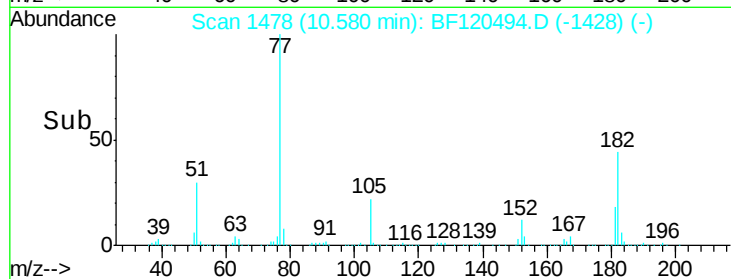
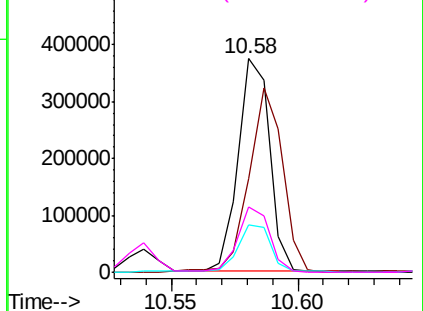
#63
Azobenzene
Concen: 21.701 ng
RT: 10.58 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	323277
Ion	Ratio	Lower	Upper
77	100		
182	44.0	6.6	46.6
105	22.4	3.5	43.5
51	30.8	10.2	50.2

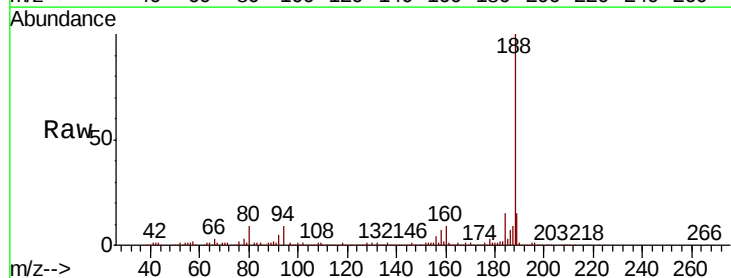


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

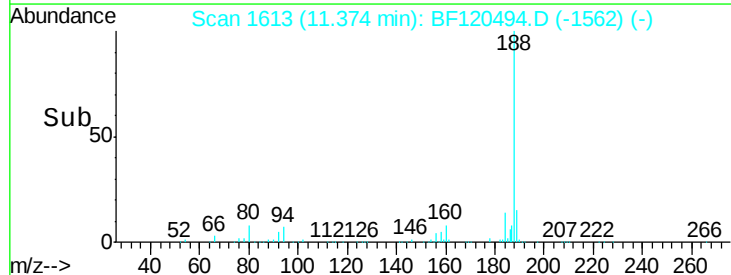
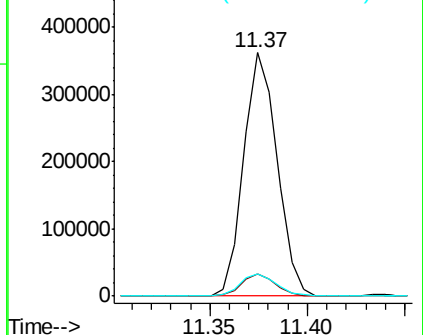


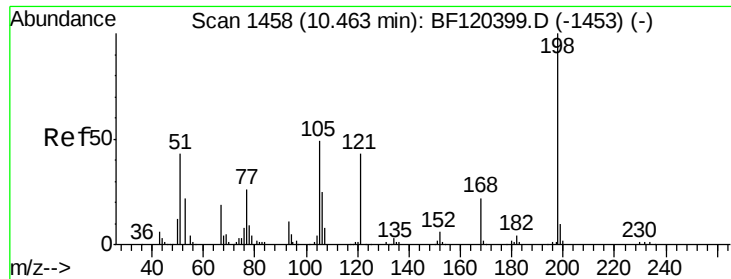
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1613
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion:	188	Resp:	429667
Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.1	7.1	10.7



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 5.414 ng

RT: 10.49 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampleId :

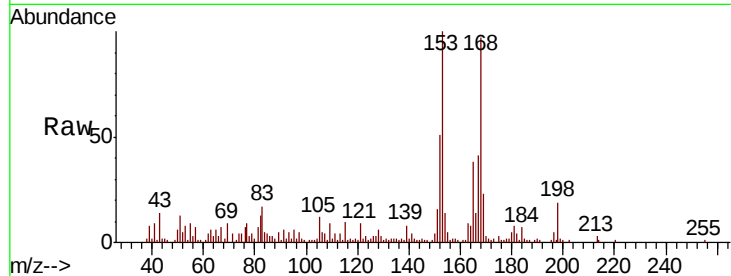
Tot Ion:198 Resp: 8485

Ion Ratio Lower Upper

198 100

51 68.3 26.7 66.7#

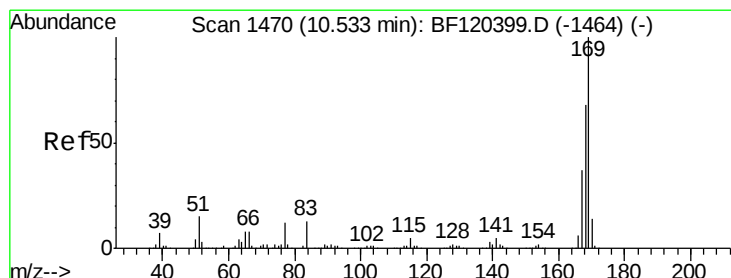
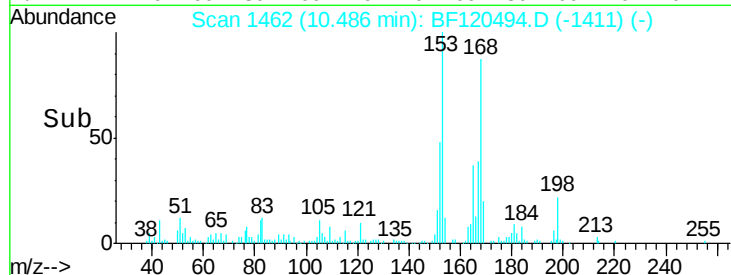
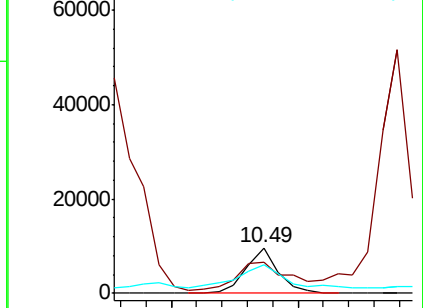
105 62.1 23.5 63.5



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: 27.148 ng

RT: 10.54 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

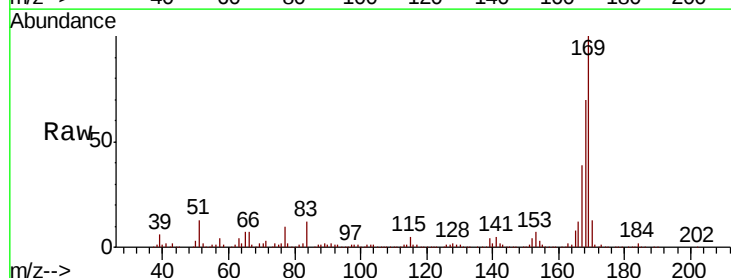
Tgt Ion:169 Resp: 324017

Ion Ratio Lower Upper

169 100

168 70.0 53.8 80.8

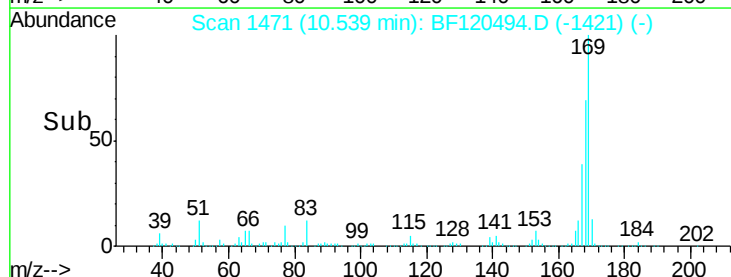
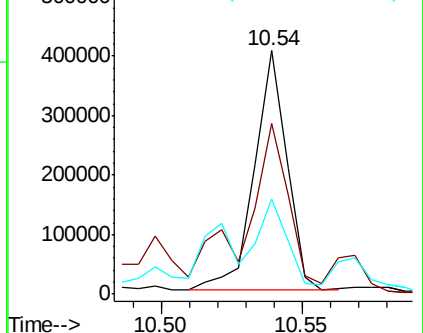
167 39.1 29.8 44.6

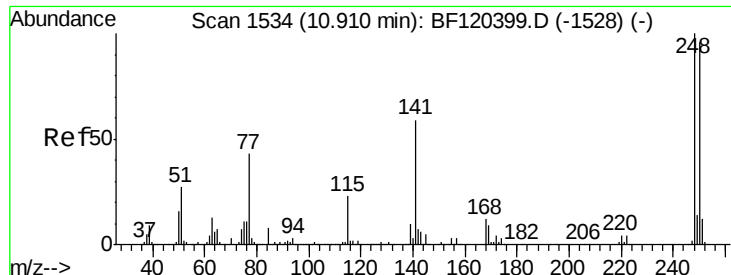


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

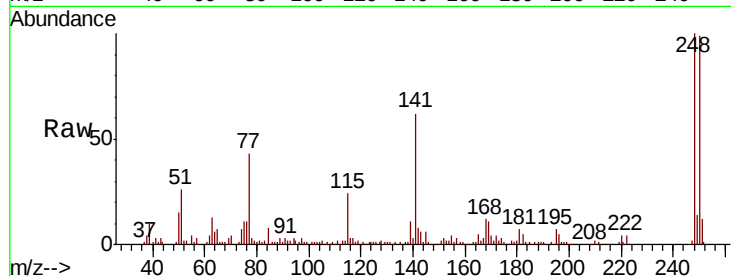




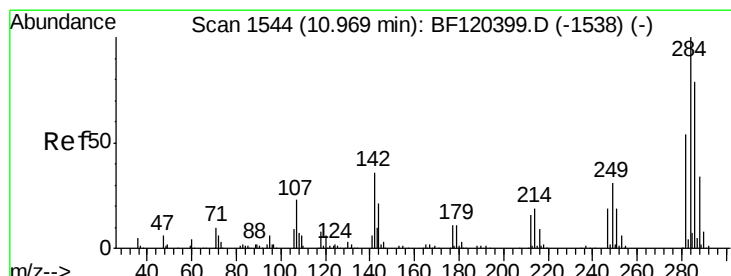
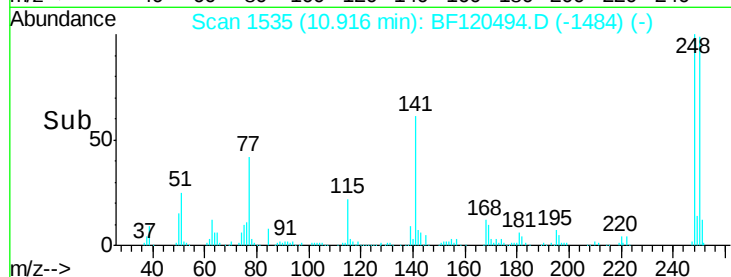
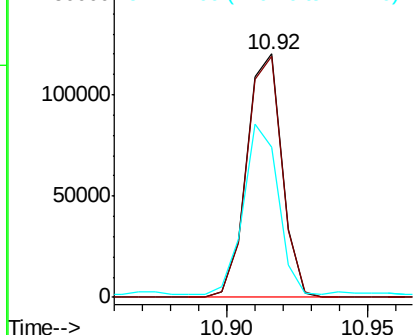
#67
 4-Bromophenyl-phenylether
 Concen: 24.065 ng
 RT: 10.92 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 104373
 Ion Ratio Lower Upper
 248 100
 250 98.8 77.8 116.6
 141 61.7 54.8 82.2

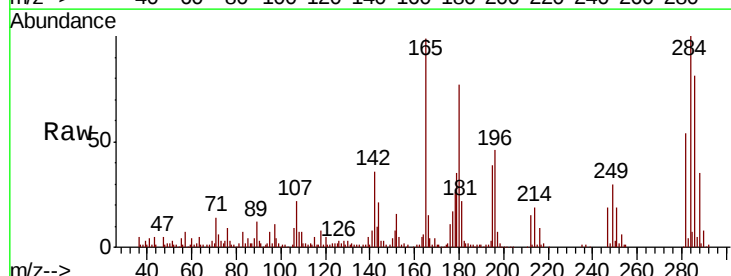


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

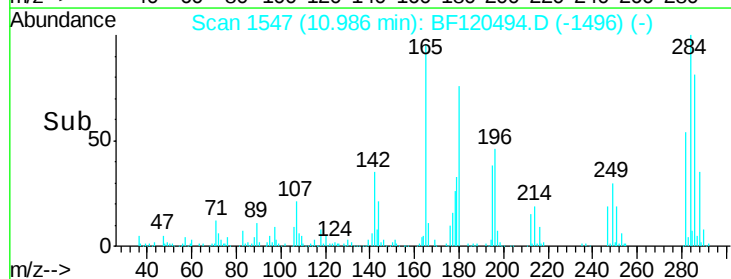
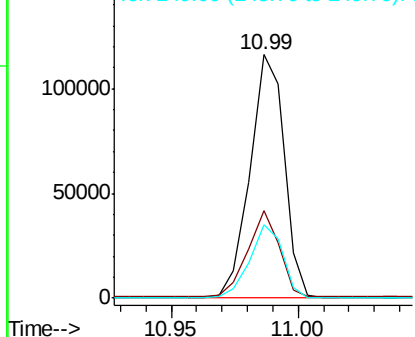


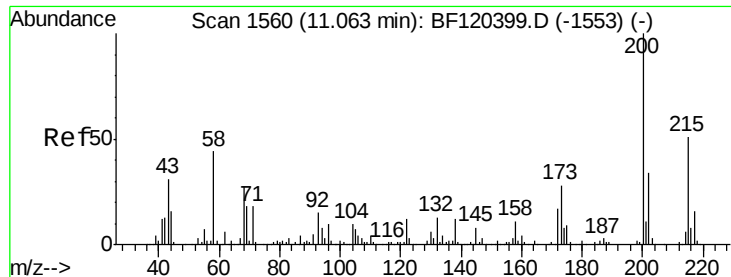
#68
 Hexachlorobenzene
 Concen: 23.804 ng
 RT: 10.99 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion:284 Resp: 109947
 Ion Ratio Lower Upper
 284 100
 142 35.9 23.5 35.3#
 249 30.3 23.9 35.9



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: 25.121 ng

RT: 11.07 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampleId :

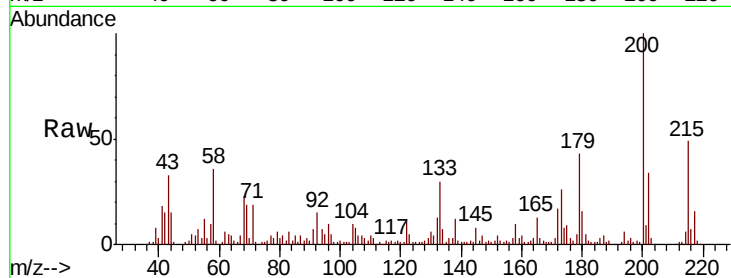
Tot Ion:200 Resp: 84509

Ion Ratio Lower Upper

200 100

173 26.3 7.2 47.2

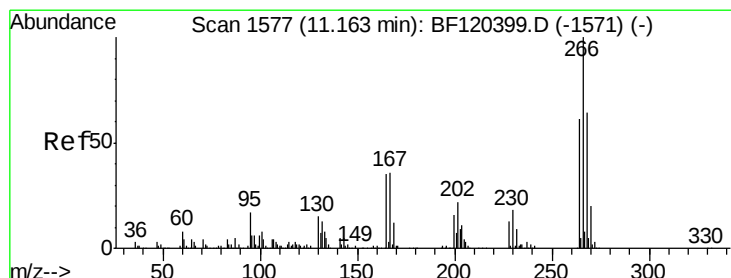
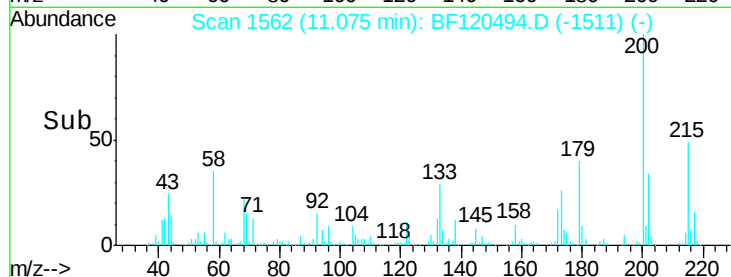
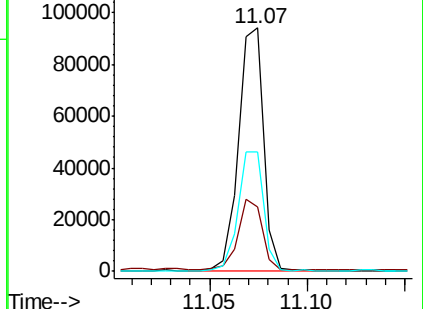
215 49.0 29.7 69.7



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: 37.099 ng

RT: 11.19 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

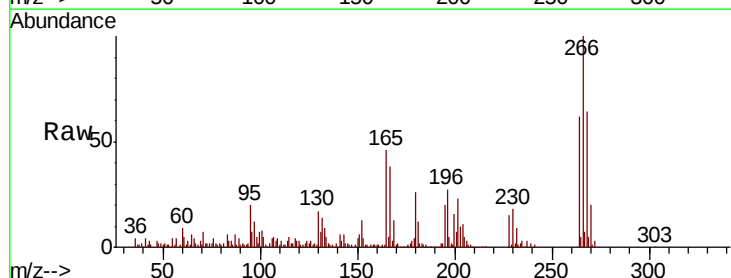
Tgt Ion:266 Resp: 104767

Ion Ratio Lower Upper

266 100

268 63.6 51.8 77.6

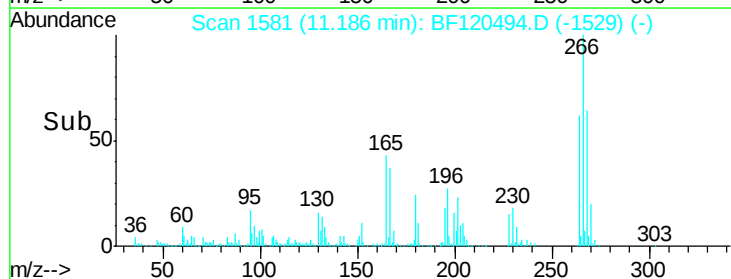
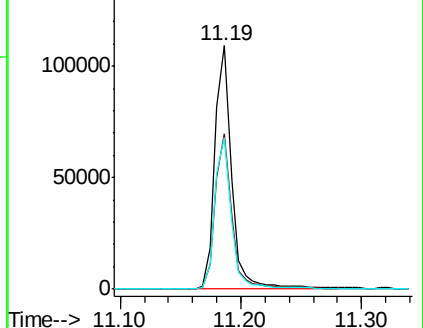
264 62.0 50.8 76.2

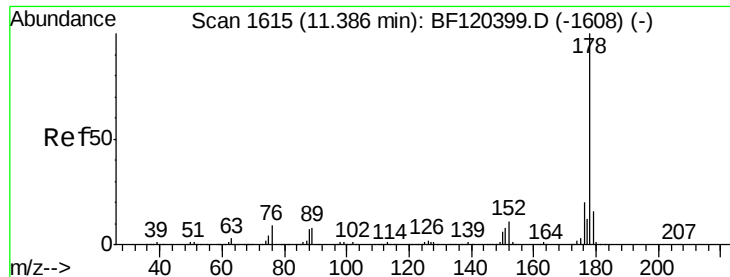


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

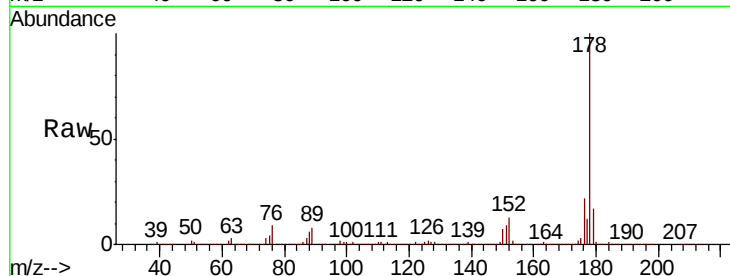




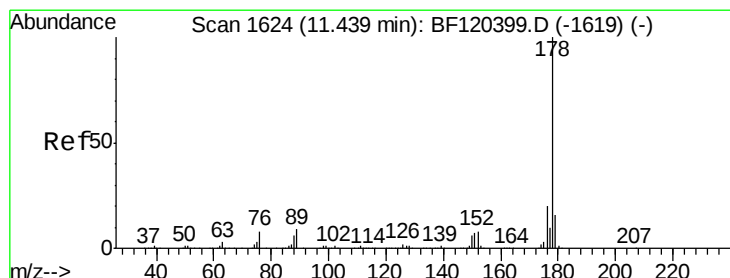
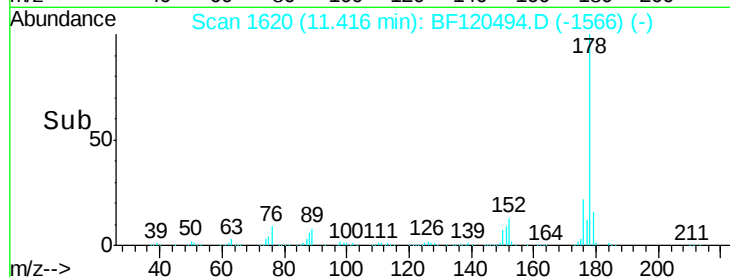
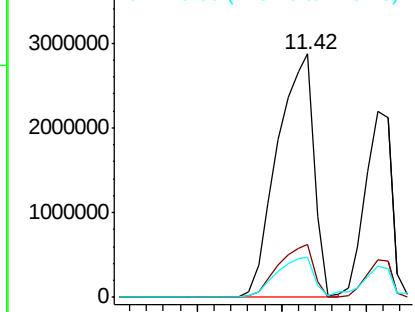
#71
Phenanthrene
Concen: 230.209 ng
RT: 11.42 min Scan# 1620
Delta R.T. 0.02 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 4358403
Ion Ratio Lower Upper
178 100
176 21.7 16.2 24.2
179 16.5 12.8 19.2

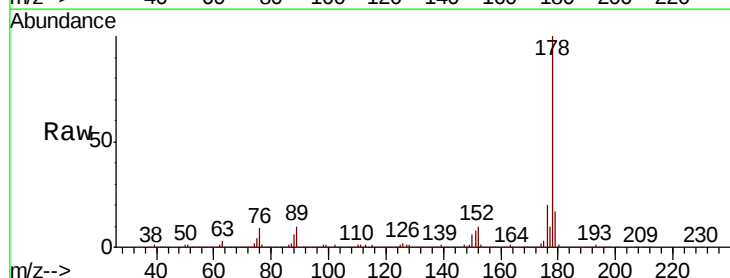


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

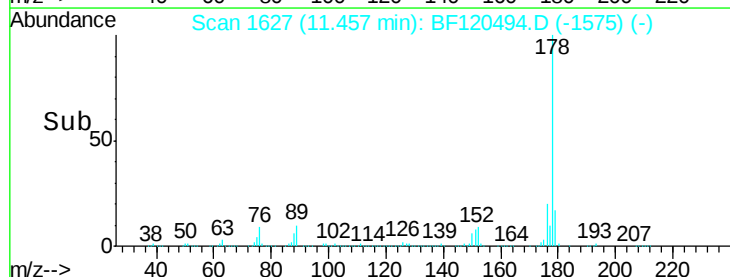
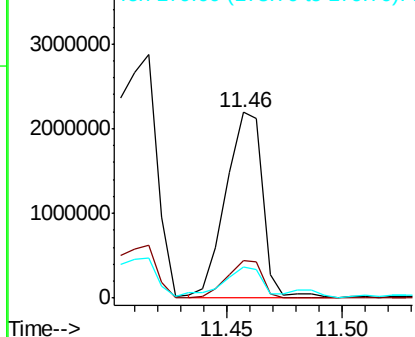


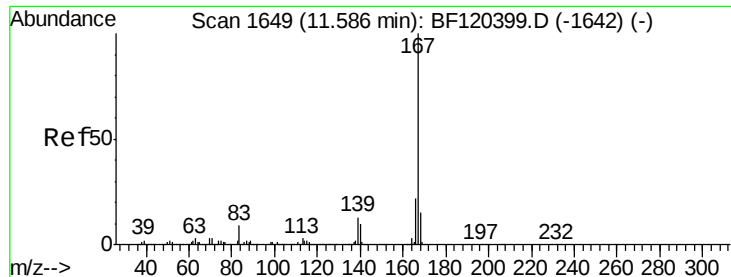
#72
Anthracene
Concen: 127.091 ng
RT: 11.46 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion:178 Resp: 2414175
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 16.7 12.7 19.1



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

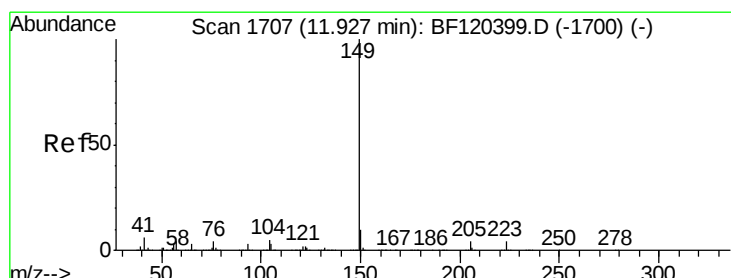
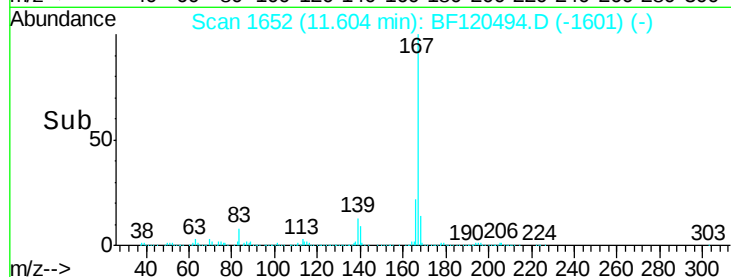
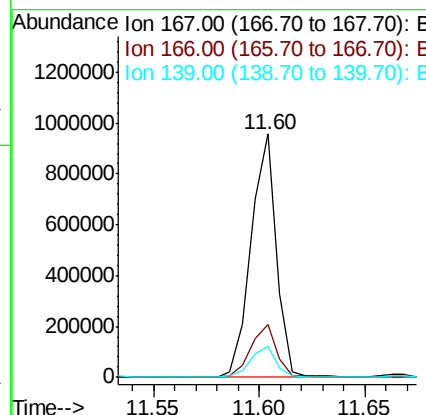
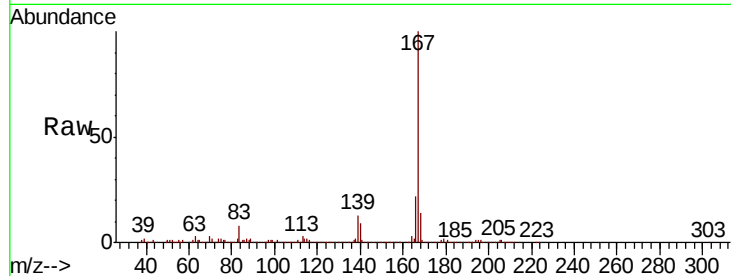




#73
 Carbazole
 Concen: 43.158 ng
 RT: 11.60 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

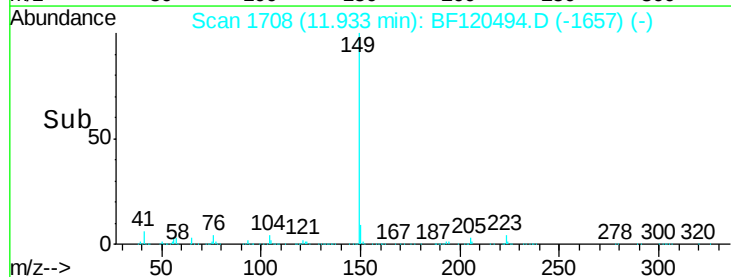
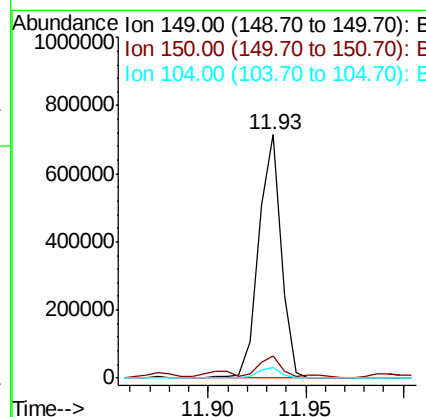
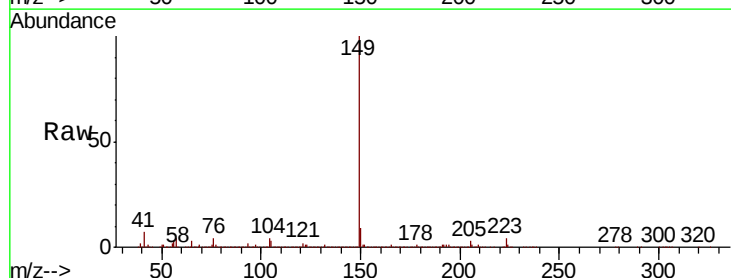
Instrument :
 BNA_F
 ClientSampleId :

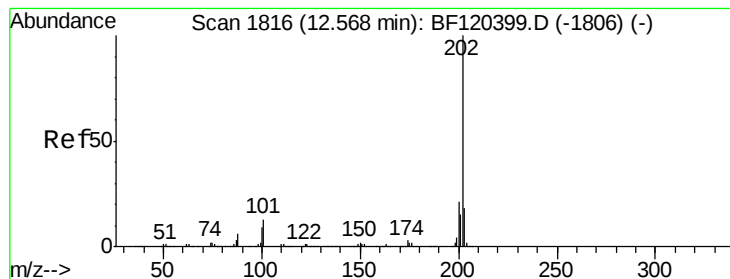
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	12.6	10.3	15.5



#74
 Di-n-butylphthalate
 Concen: 26.491 ng
 RT: 11.93 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.2	3.8	5.6





#75

Fluoranthene

Concen: 297.881 ng

RT: 12.62 min Scan# 1824

Delta R.T. 0.03 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampleId :

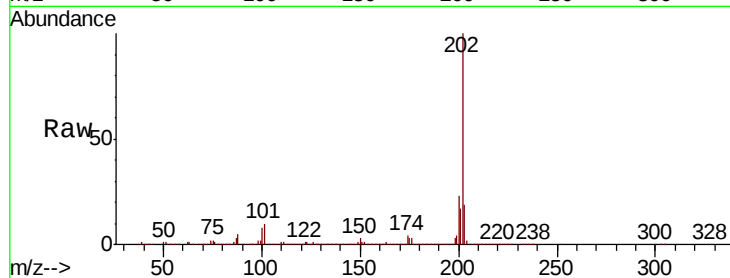
Tot Ion:202 Resp: 6068303

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.4

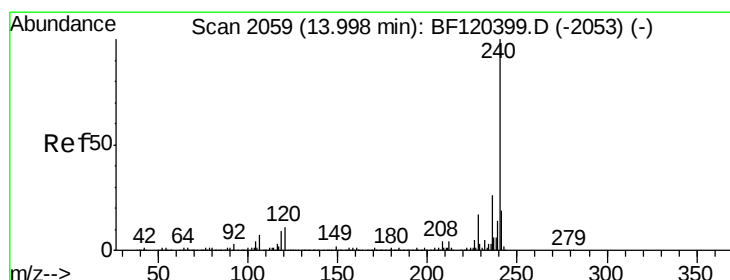
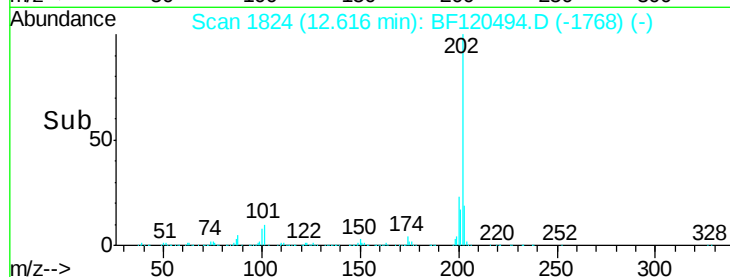
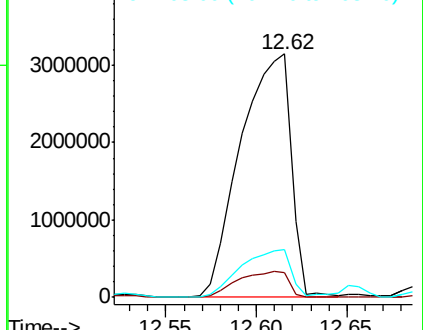
203 19.4 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2065

Delta R.T. 0.02 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

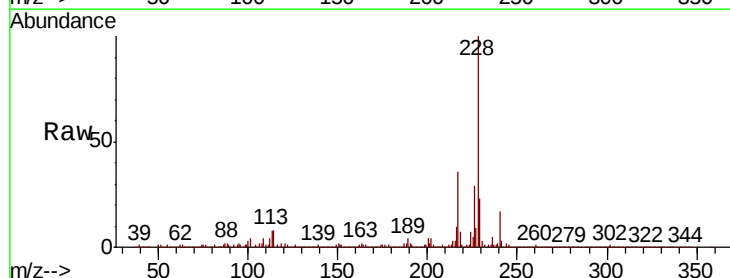
Tgt Ion:240 Resp: 261152

Ion Ratio Lower Upper

240 100

120 12.6 9.9 14.9

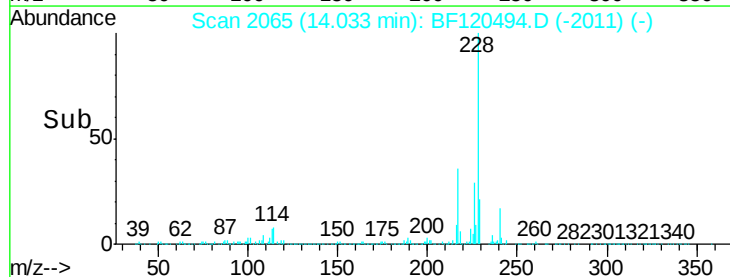
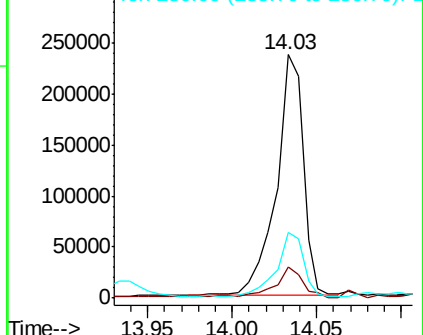
236 27.0 21.0 31.6

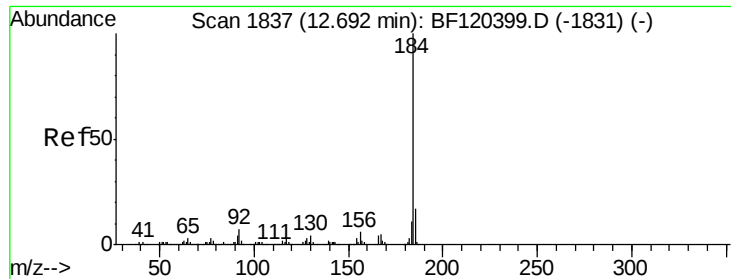


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.653 ng

RT: 12.72 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampleId :

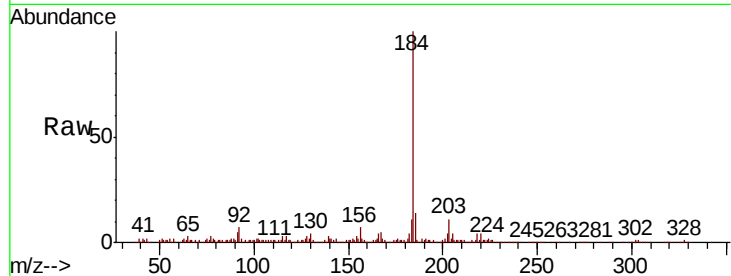
Tot Ion:184 Resp: 292672

Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.6	18.8
183	10.9	9.0	13.4

184 100

185 14.1 12.6 18.8

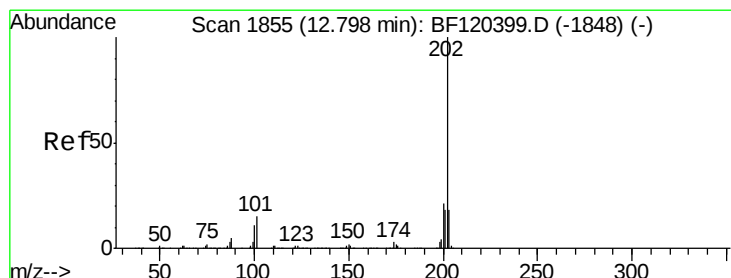
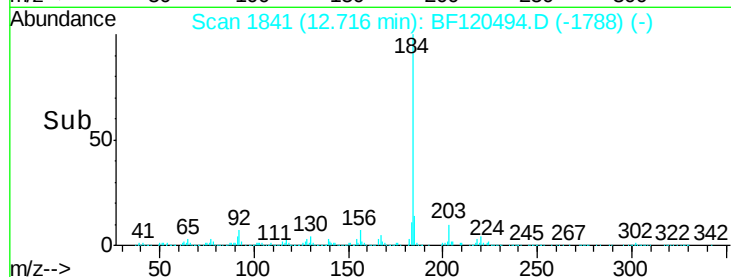
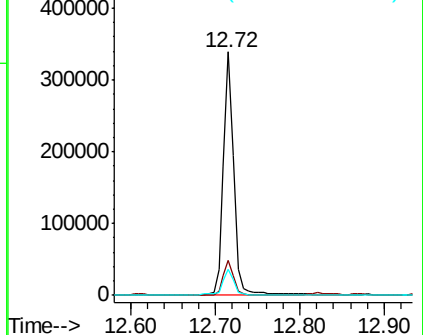
183 10.9 9.0 13.4



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: 284.415 ng

RT: 12.84 min Scan# 1863

Delta R.T. 0.03 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

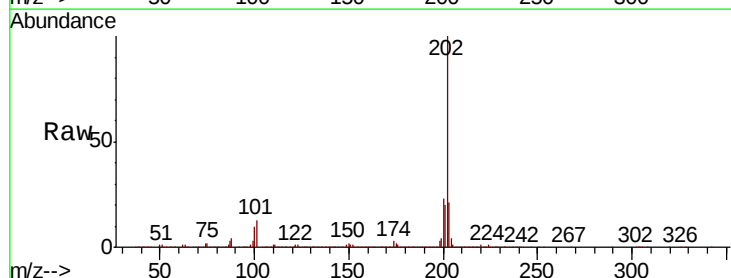
Tgt Ion:202 Resp: 5165445

Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.0	25.6
203	21.2	14.6	22.0

202 100

200 23.2 17.0 25.6

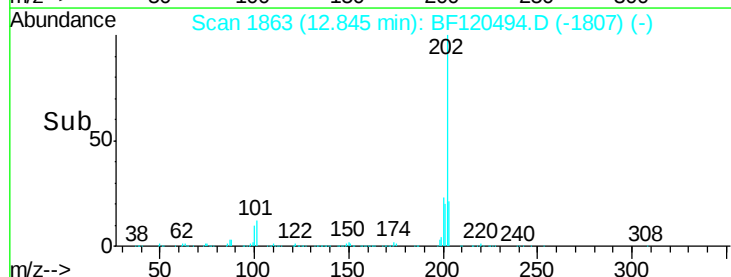
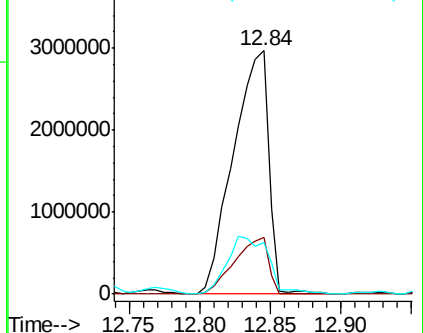
203 21.2 14.6 22.0

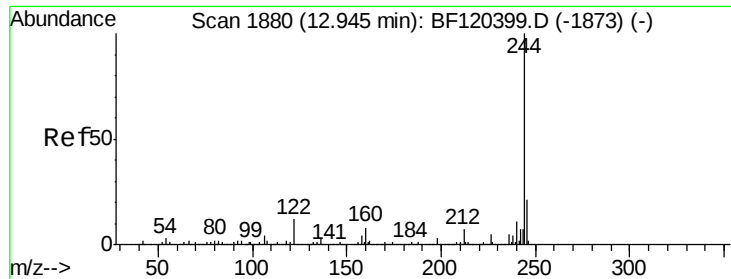


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.533 ng

RT: 12.96 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampled :

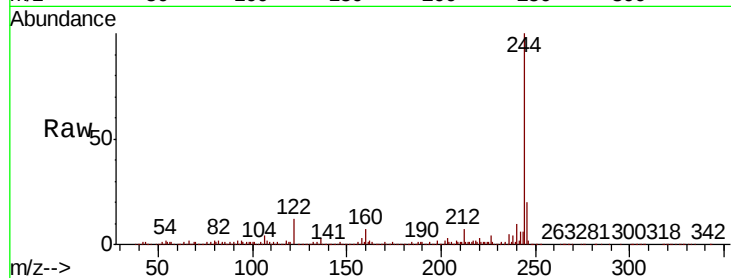
Tot Ion:244 Resp: 792563

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

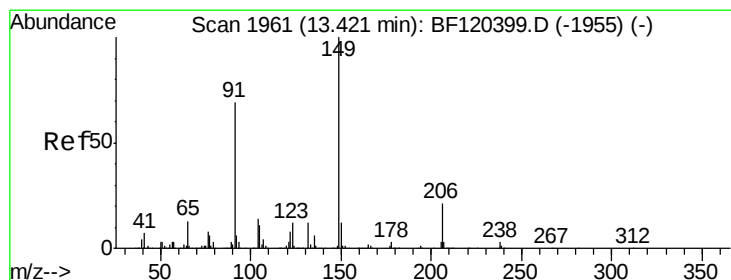
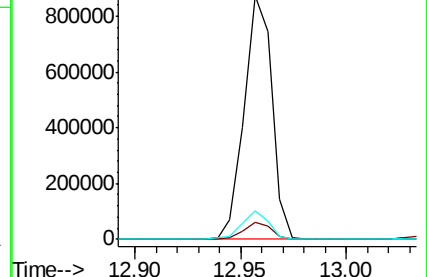
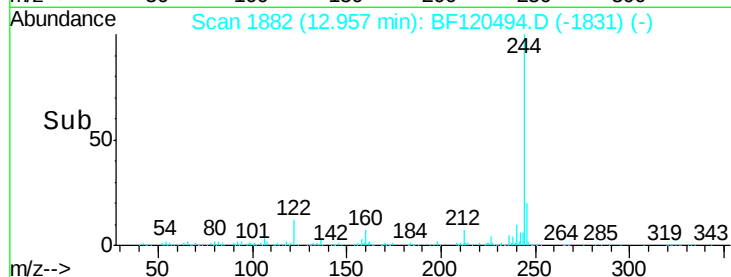
122 11.7 8.7 13.1



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: 32.851 ng

RT: 13.43 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

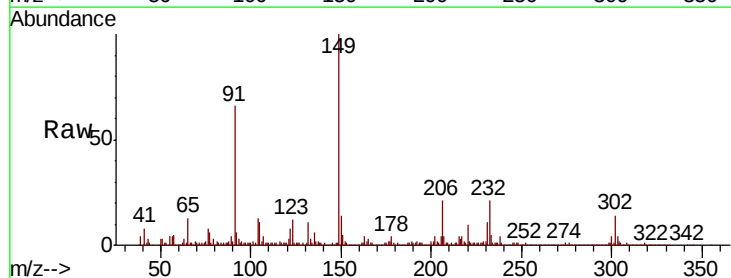
Tgt Ion:149 Resp: 249078

Ion Ratio Lower Upper

149 100

91 65.8 52.2 78.2

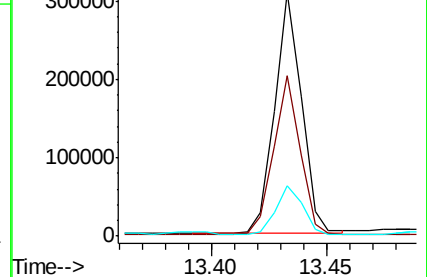
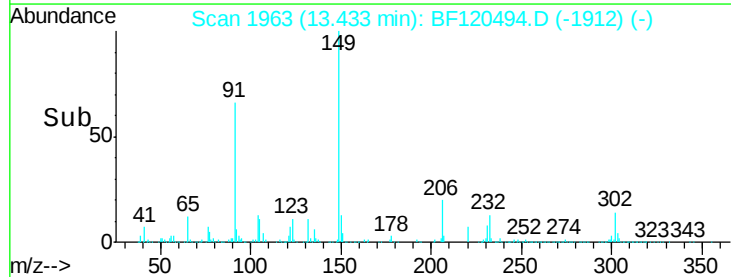
206 20.9 18.0 27.0

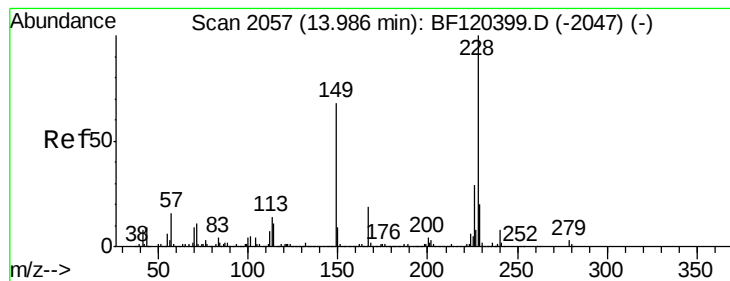


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 280.699 ng

RT: 14.02 min Scan# 2063

Delta R.T. 0.02 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampled :

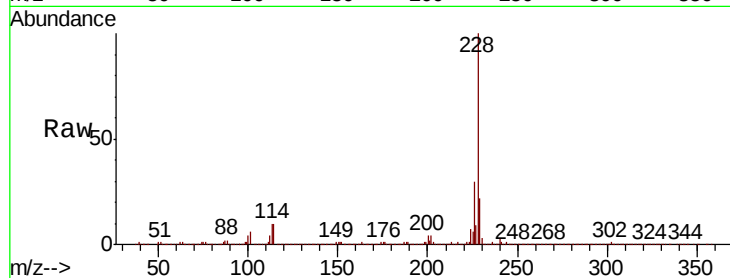
Tot Ion:228 Resp: 3928756

Ion Ratio Lower Upper

228 100

226 30.5 22.9 34.3

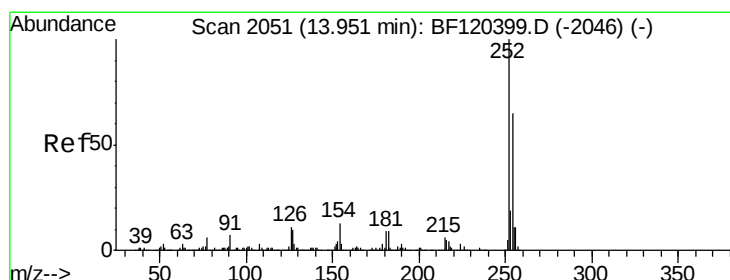
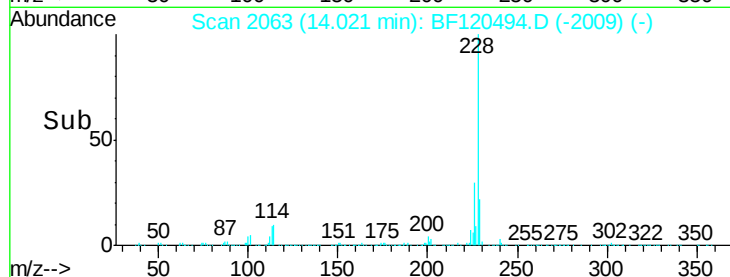
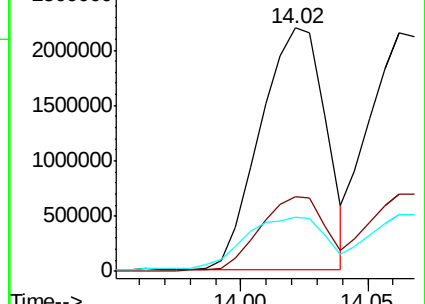
229 22.4 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 28.355 ng

RT: 13.98 min Scan# 2056

Delta R.T. 0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

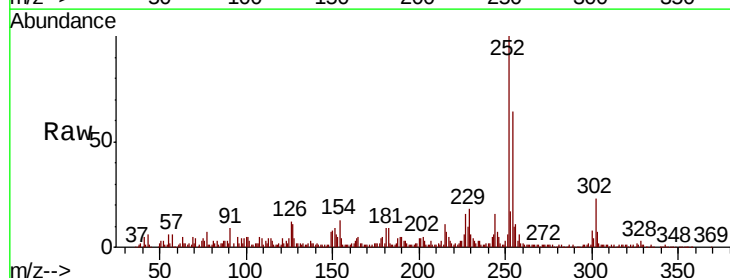
Tgt Ion:252 Resp: 144084

Ion Ratio Lower Upper

252 100

254 64.1 52.9 79.3

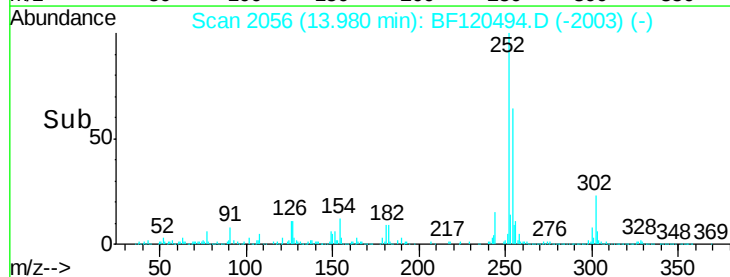
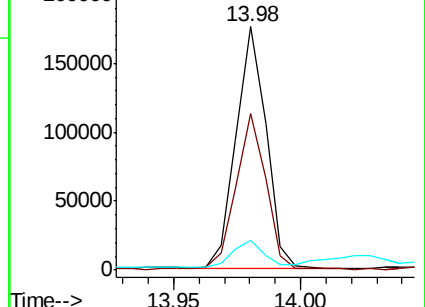
126 12.1 8.2 12.4

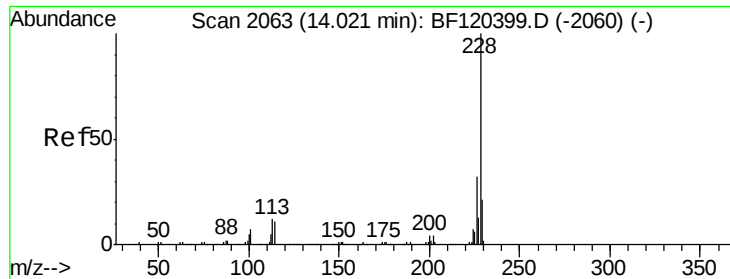


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

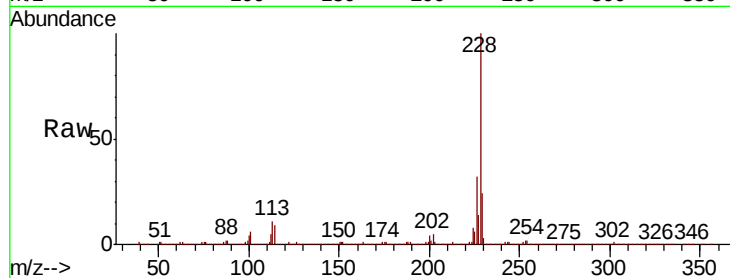




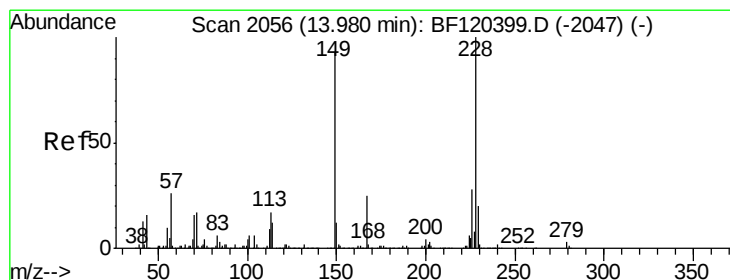
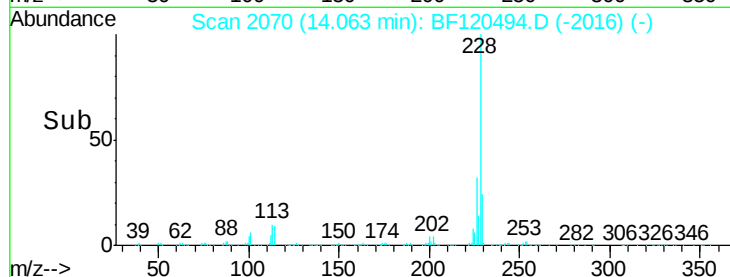
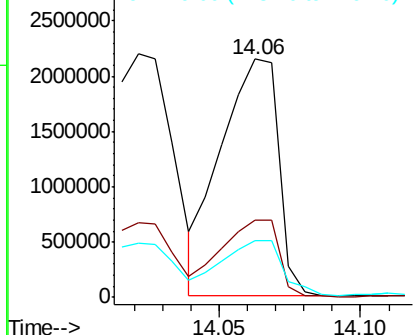
#83
 Chrvsene
 Concen: 208.051 ng
 RT: 14.06 min Scan# 2070
 Delta R.T. 0.02 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 3052808
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.7 38.5
 229 24.0 16.4 24.6

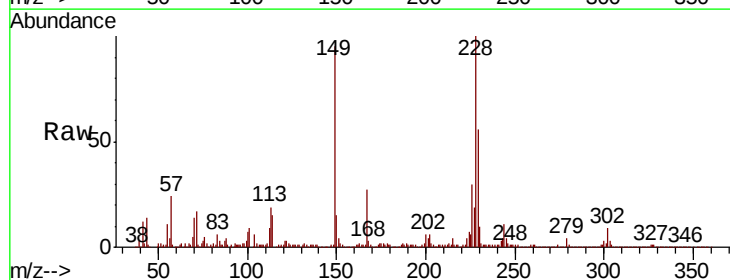


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

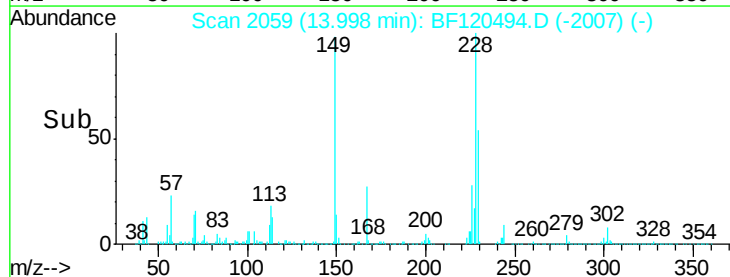
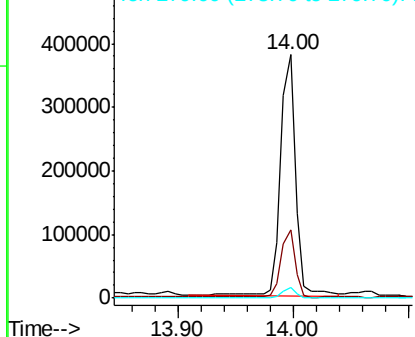


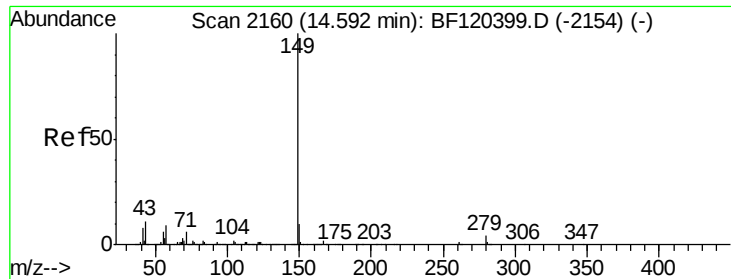
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.958 ng
 RT: 14.00 min Scan# 2059
 Delta R.T. 0.01 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion:149 Resp: 346738
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.2 33.2
 279 4.5 3.8 5.6



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

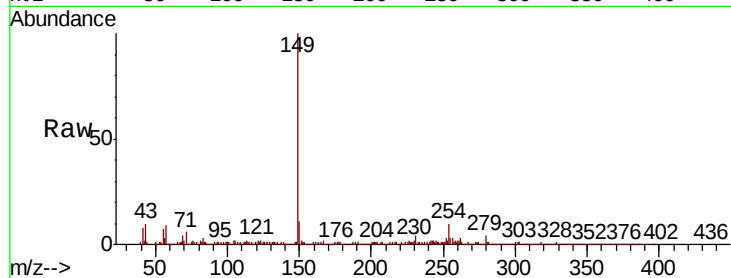




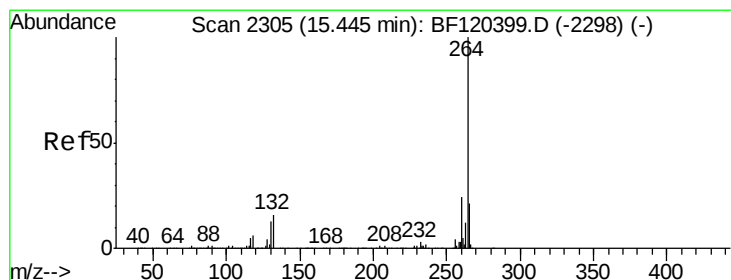
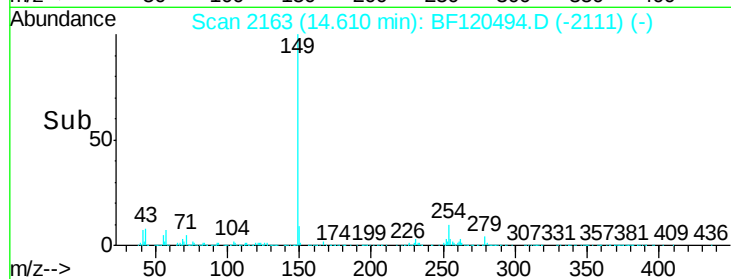
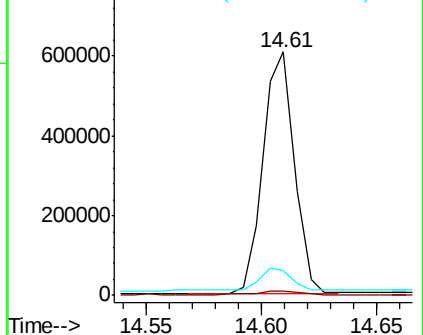
#85
Di-n-octyl phthalate
Concen: 37.355 ng
RT: 14.61 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 575290
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 9.3 7.8 11.6

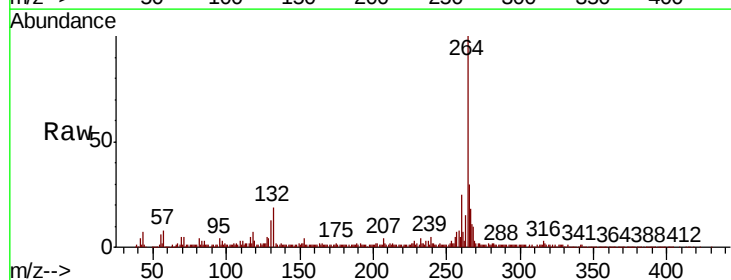


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

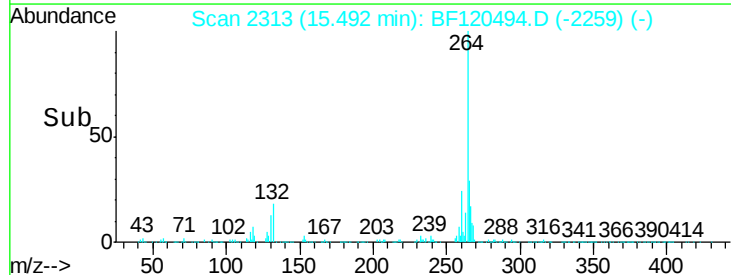
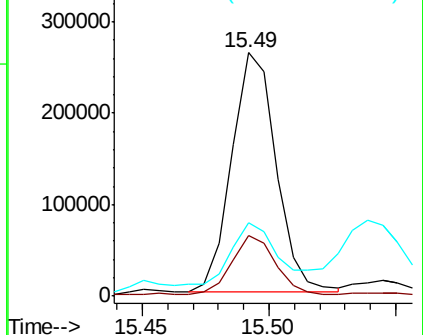


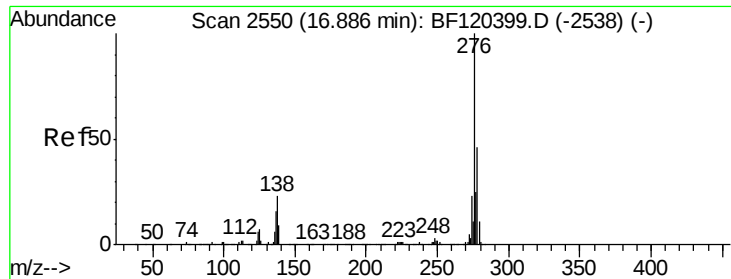
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2313
Delta R.T. 0.02 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion:264 Resp: 320093
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 29.9 17.6 26.4#



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

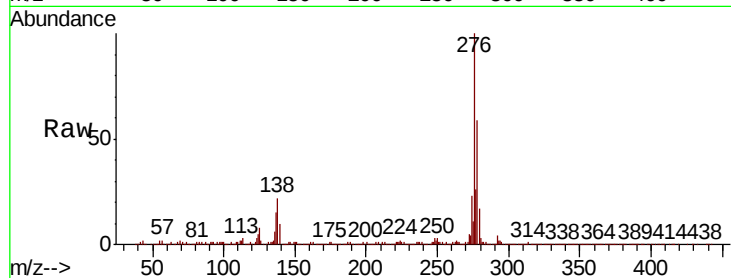




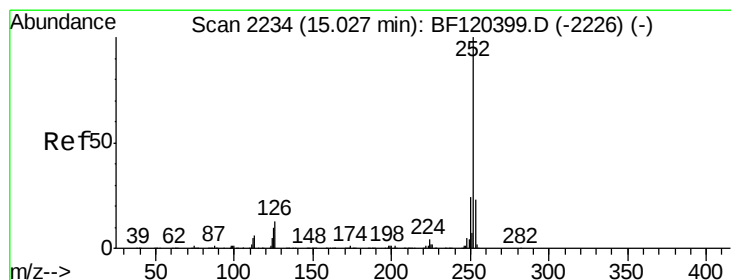
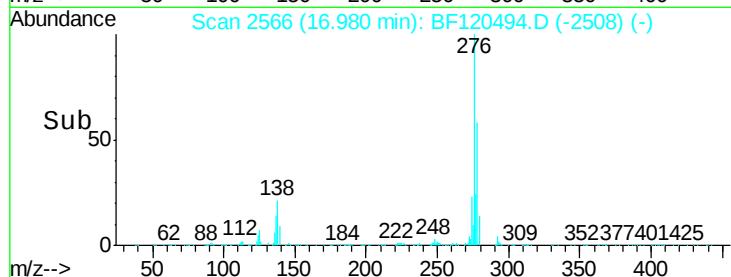
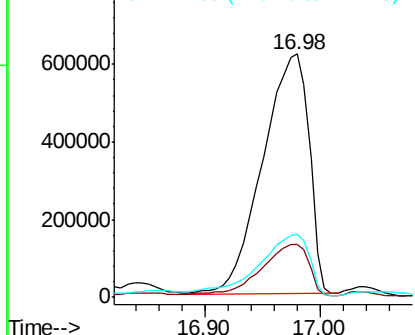
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 98.317 ng
 RT: 16.98 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1721266
 Ion Ratio Lower Upper
 276 100
 138 22.3 19.3 28.9
 277 28.1 20.7 31.1

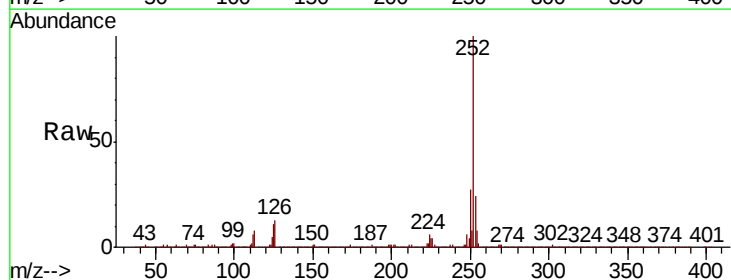


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

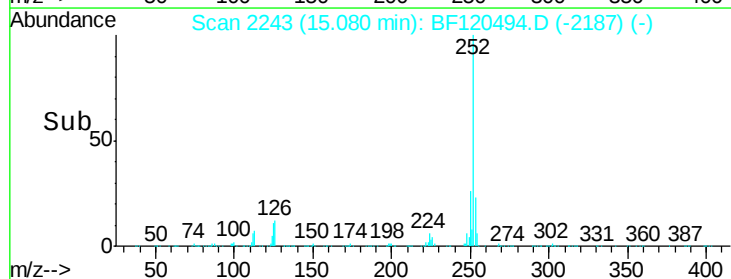
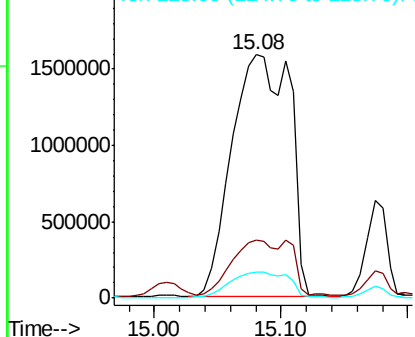


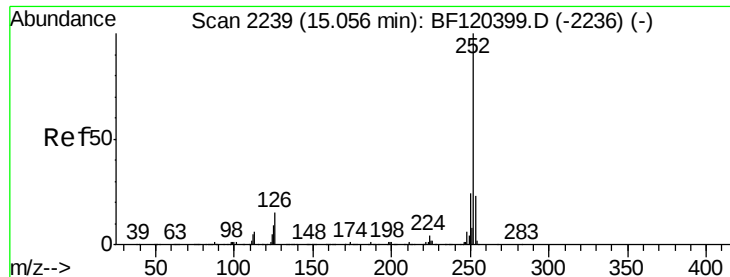
#88
 Benzo(b)fluoranthene
 Concen: 282.232 ng
 RT: 15.08 min Scan# 2243
 Delta R.T. 0.03 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion:252 Resp: 5017788
 Ion Ratio Lower Upper
 252 100
 253 24.0 18.2 27.2
 125 10.8 8.2 12.4



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

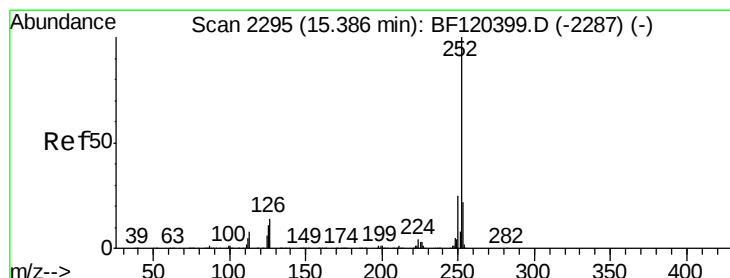
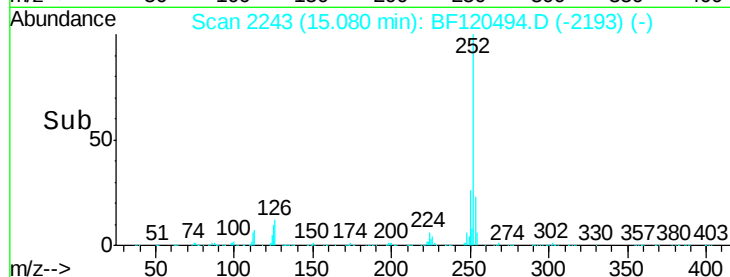
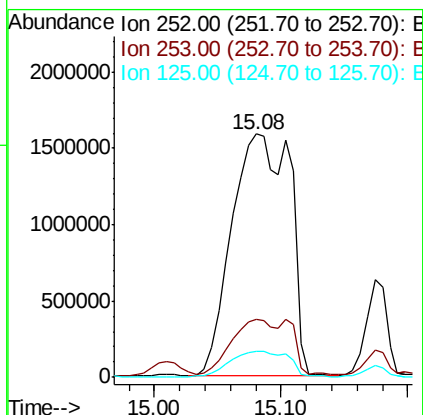
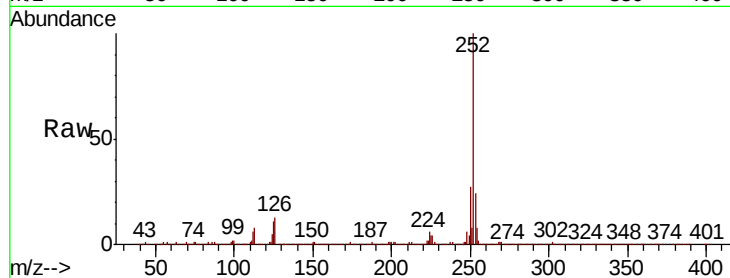




#89
Benzo(k)fluoranthene
Concen: 302.322 ng
RT: 15.08 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

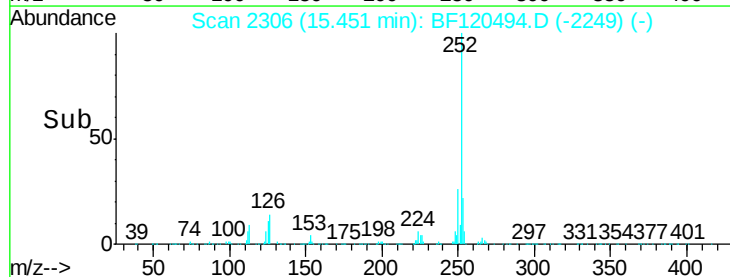
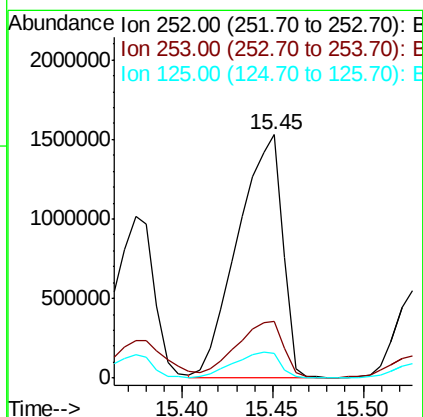
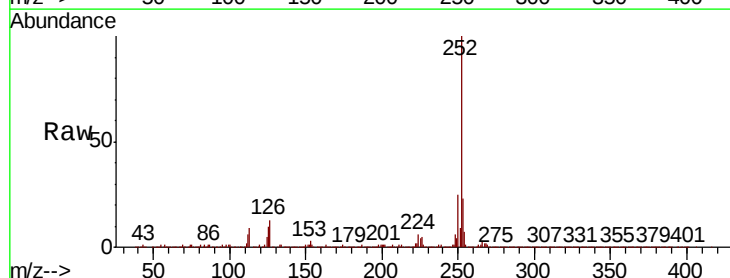
Instrument :
BNA_F
ClientSampleId :

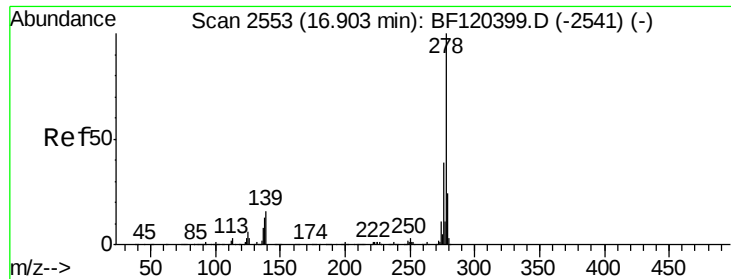
Tot Ion:252 Resp: 5017788
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 10.8 7.1 10.7#



#90
Benzo(a)pyrene
Concen: 168.091 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.04 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion:252 Resp: 2614020
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 10.2 9.0 13.4

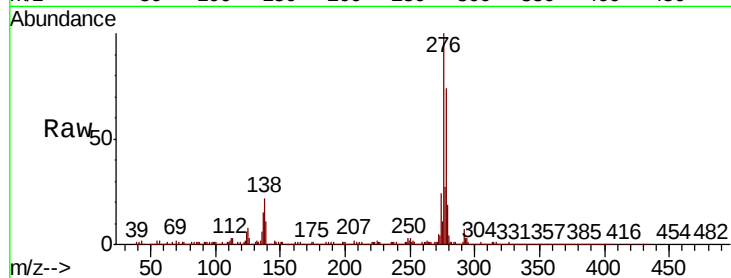




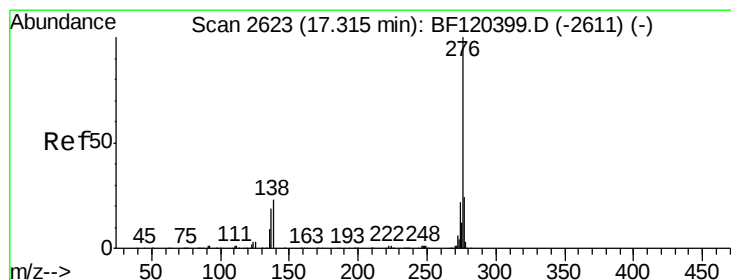
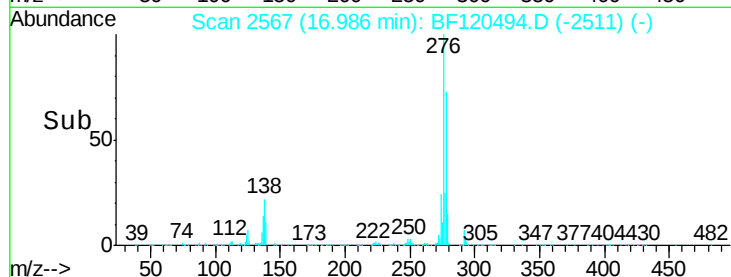
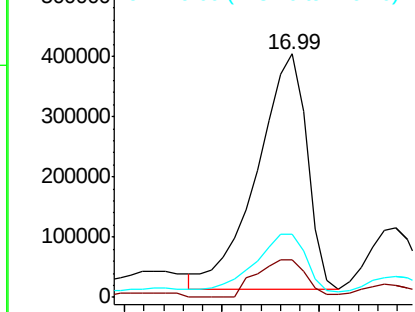
#91
Dibenzo(a,h)anthracene
Concen: 48.242 ng
RT: 16.99 min Scan# 2567
Delta R.T. 0.03 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 688580
Ion Ratio Lower Upper
278 100
139 15.5 12.2 18.4
279 25.8 18.8 28.2

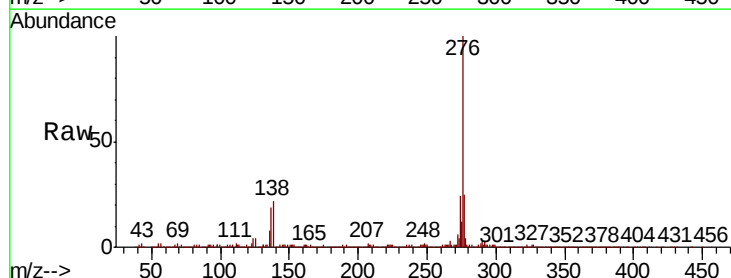


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 102.948 ng
RT: 17.42 min Scan# 2641
Delta R.T. 0.04 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion:276 Resp: 1449278
Ion Ratio Lower Upper
276 100
277 25.2 18.8 28.2
138 22.1 16.8 25.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

