

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
 Data File : BF120529.D
 Acq On : 4 Jun 2020 13:08
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 04 14:53:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 14:26:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	171931	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	732380	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	382336	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	821366	20.00	ng	0.00
76) Chrysene-d12	14.00	240	640952	20.00	ng	0.00
86) Perylene-d12	15.45	264	697421	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	735626	81.54	ng	0.00
7) Phenol-d6	6.47	99	996449	89.61	ng	0.00
23) Nitrobenzene-d5	7.40	82	814915	72.78	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	335248	94.64	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1763899	78.28	ng	0.00
79) Terphenyl-d14	12.94	244	1895673	65.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	238404	53.346	ng	99
3) Pyridine	3.33	79	635109	51.313	ng	99
4) n-Nitrosodimethylamine	3.29	42	286975	54.789	ng	95
6) Aniline	6.50	93	640298	41.296	ng	100
8) 2-Chlorophenol	6.62	128	406372	39.947	ng	94
9) Benzaldehyde	6.38	77	252276	37.224	ng	99
10) Phenol	6.48	94	576063	47.373	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	429150	42.233	ng	99
12) 1,3-Dichlorobenzene	6.77	146	470336	42.085	ng	95
13) 1,4-Dichlorobenzene	6.85	146	472226	42.351	ng	97
14) 1,2-Dichlorobenzene	7.00	146	439220	42.647	ng	99
15) Benzyl Alcohol	6.97	79	360163	42.967	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	623730	38.935	ng	99
17) 2-Methylphenol	7.09	107	385199	42.346	ng	99
18) Hexachloroethane	7.35	117	188869	46.274	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	309317	43.760	ng	99
20) 3+4-Methylphenols	7.24	107	464861	40.452	ng	91
22) Acetophenone	7.25	105	597602	40.177	ng	98
24) Nitrobenzene	7.42	77	419189	34.757	ng	100
25) Isophorone	7.66	82	783457	34.816	ng	99
26) 2-Nitrophenol	7.73	139	225089	41.393	ng	# 87
27) 2,4-Dimethylphenol	7.77	122	333956	35.364	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	486527	35.902	ng	99
29) 2,4-Dichlorophenol	7.97	162	357042	37.432	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	447733	41.828	ng	99
31) Naphthalene	8.14	128	1322349	41.112	ng	99
32) Benzoic acid	7.90	122	254553	36.325	ng	96
33) 4-Chloroaniline	8.19	127	587109	41.186	ng	99
34) Hexachlorobutadiene	8.25	225	270928	42.701	ng	99
35) Caprolactam	8.57	113	134548	43.556	ng	88
36) 4-Chloro-3-methylphenol	8.67	107	424271	43.842	ng	93
37) 2-Methylnaphthalene	8.83	142	877542	41.190	ng	100
38) 1-Methylnaphthalene	8.93	142	786124	39.091	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	429582	43.813	ng	99

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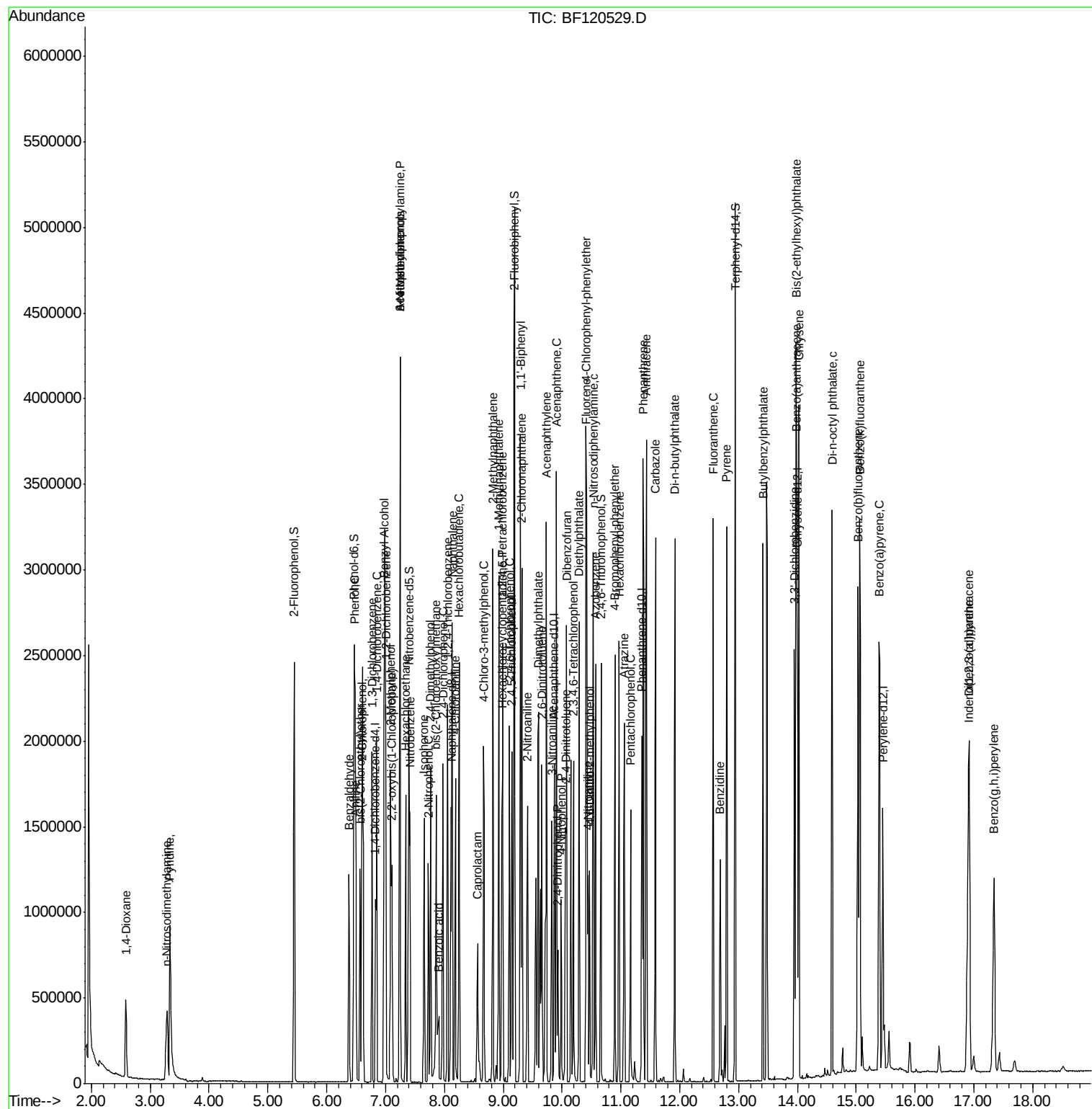
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	265754	48.565	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	301080	42.459	ng	96
44) 2,4,5-Trichlorophenol	9.15	196	344170	42.817	ng	98
46) 1,1'-Biphenyl	9.29	154	1065340	42.416	ng	99
47) 2-Chloronaphthalene	9.32	162	885687	42.824	ng	98
48) 2-Nitroaniline	9.41	65	286509	45.482	ng	92
49) Acenaphthylene	9.73	152	1388119	43.433	ng	99
50) Dimethylphthalate	9.60	163	1062615	44.456	ng	99
51) 2,6-Dinitrotoluene	9.66	165	240849	45.341	ng	95
52) Acenaphthene	9.90	154	805271	40.371	ng	100
53) 3-Nitroaniline	9.83	138	247406	39.663	ng	99
54) 2,4-Dinitrophenol	9.93	184	106270	52.561	ng	# 87
55) Dibenzofuran	10.07	168	1092893	37.704	ng	98
56) 4-Nitrophenol	9.99	139	174890	36.622	ng	97
57) 2,4-Dinitrotoluene	10.06	165	276767	40.711	ng	98
58) Fluorene	10.42	166	898259	41.295	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	247428	39.502	ng	99
60) Diethylphthalate	10.29	149	1016102	42.067	ng	100
61) 4-Chlorophenyl-phenylether	10.41	204	466524	39.559	ng	97
62) 4-Nitroaniline	10.44	138	270503	45.935	ng	95
63) Azobenzene	10.57	77	950169	41.821	ng	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	168456	56.229	ng	86
66) n-Nitrosodiphenylamine	10.53	169	885353	38.804	ng	98
67) 4-Bromophenyl-phenylether	10.90	248	334073	40.293	ng	97
68) Hexachlorobenzene	10.97	284	355871	40.305	ng	99
69) Atrazine	11.06	200	260379	40.489	ng	99
70) Pentachlorophenol	11.16	266	202983	37.600	ng	99
71) Phenanthrene	11.38	178	1456194	40.235	ng	99
72) Anthracene	11.43	178	1476480	40.660	ng	100
73) Carbazole	11.59	167	1435357	40.867	ng	99
74) Di-n-butylphthalate	11.92	149	1656199	40.537	ng	100
75) Fluoranthene	12.57	202	1513539	38.866	ng	99
77) Benzidine	12.69	184	524024	31.116	ng	99
78) Pyrene	12.80	202	1518090	34.057	ng	99
80) Butylbenzylphthalate	13.42	149	732126	39.343	ng	99
81) Benzo(a)anthracene	13.99	228	1432420	41.699	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	526696	42.232	ng	98
83) Chrysene	14.03	228	1404452	38.998	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	921241	42.173	ng	99
85) Di-n-octyl phthalate	14.59	149	1720696	45.524	ng	100
87) Indeno(1,2,3-cd)pyrene	16.90	276	1281542	33.597	ng	100
88) Benzo(b)fluoranthene	15.03	252	1546519	39.924	ng	99
89) Benzo(k)fluoranthene	15.06	252	1458116	40.321	ng	97
90) Benzo(a)pyrene	15.39	252	1383158	40.821	ng	99
91) Dibenzo(a,h)anthracene	16.92	278	1046068	33.637	ng	99
92) Benzo(g,h,i)perylene	17.34	276	1016543	33.142	ng	99

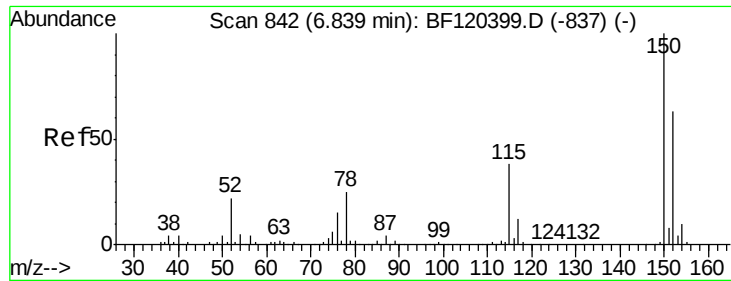
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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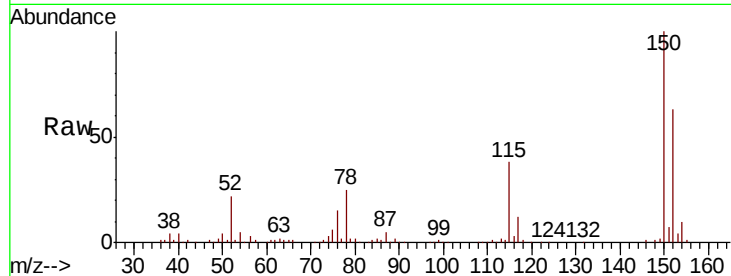


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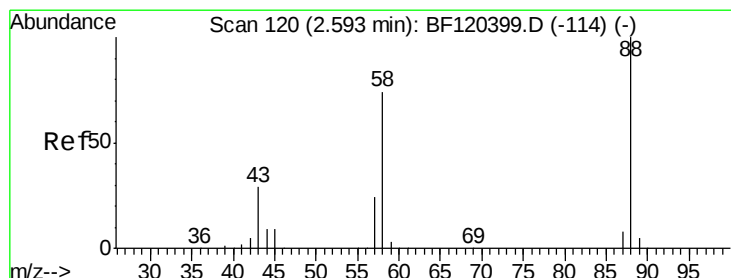
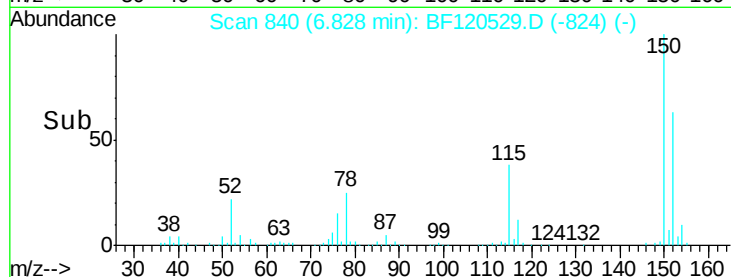
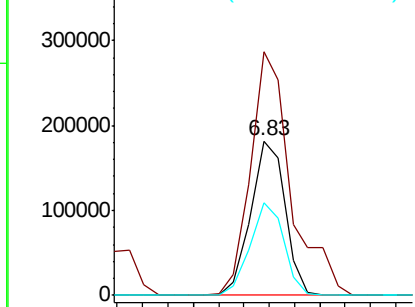
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 171931
Ion Ratio Lower Upper
152 100
150 157.9 127.1 190.7
115 60.1 48.7 73.1



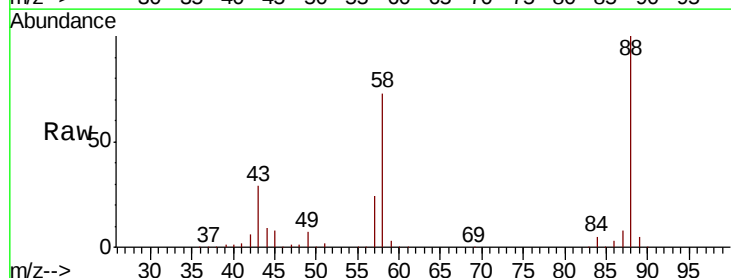
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



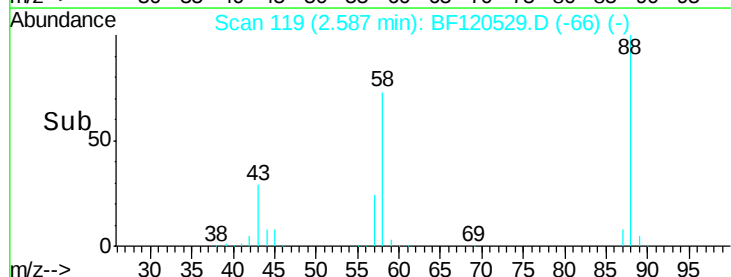
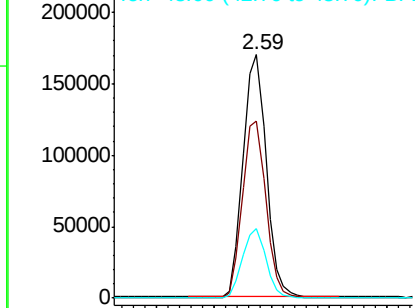
#2

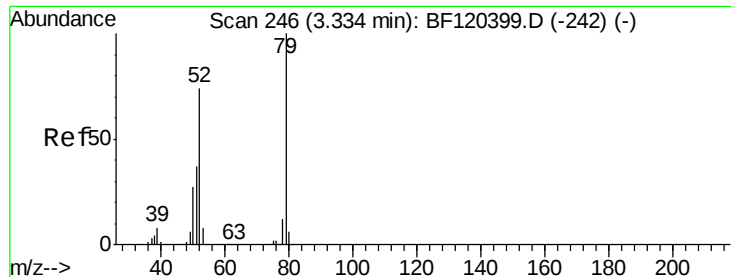
1,4-Dioxane
Concen: 53.346 ng
RT: 2.59 min Scan# 119
Delta R.T. 0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Tgt Ion: 88 Resp: 238404
Ion Ratio Lower Upper
88 100
58 74.0 59.7 89.5
43 29.2 23.0 34.6



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: 51.313 ng

RT: 3.33 min Scan# 246

Delta R.T. 0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

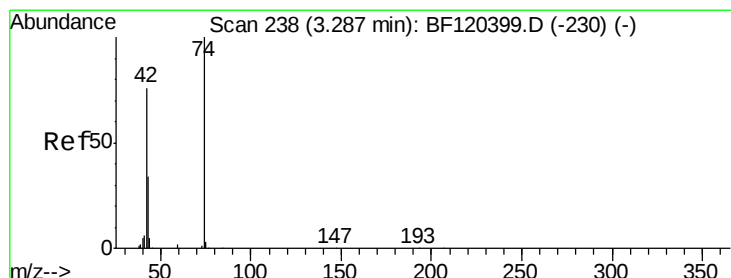
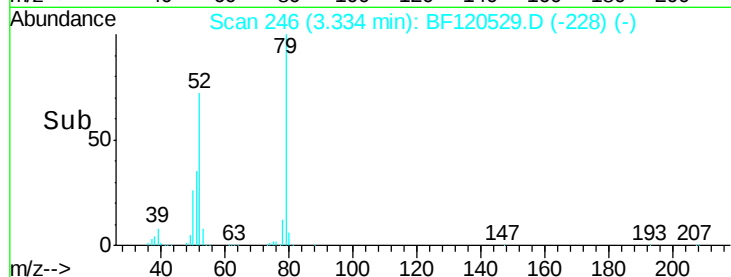
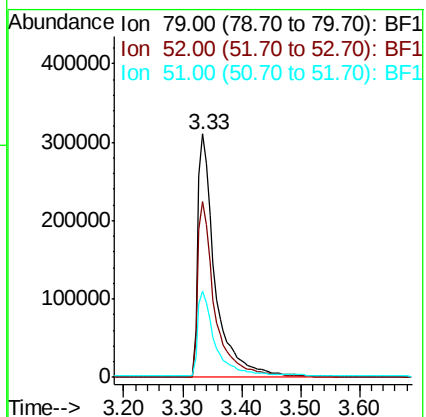
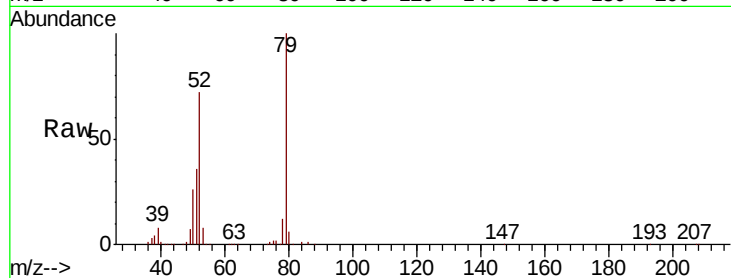
Tot Ion: 79 Resp: 635109

Ion Ratio Lower Upper

79 100

52 72.3 57.4 86.0

51 35.7 27.5 41.3



#4

n-Nitrosodimethylamine

Concen: 54.789 ng

RT: 3.29 min Scan# 238

Delta R.T. 0.00 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

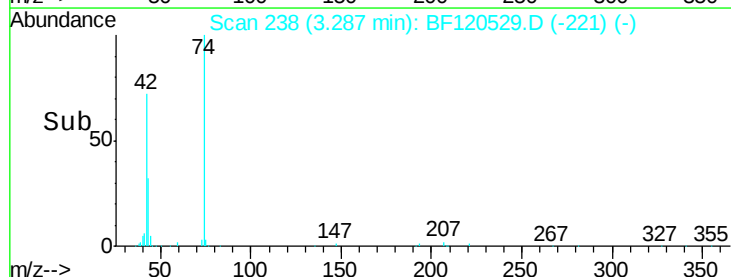
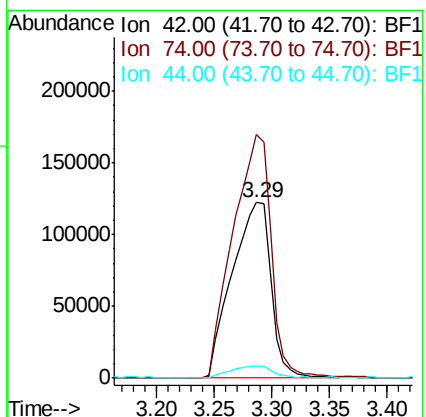
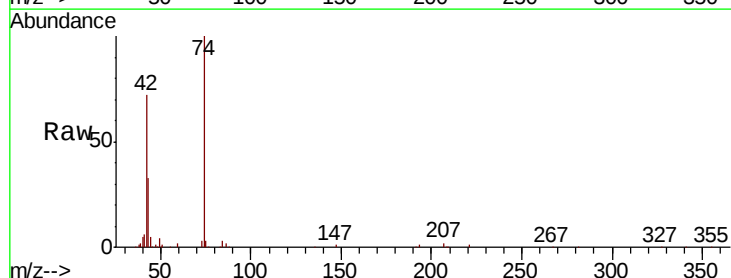
Tgt Ion: 42 Resp: 286975

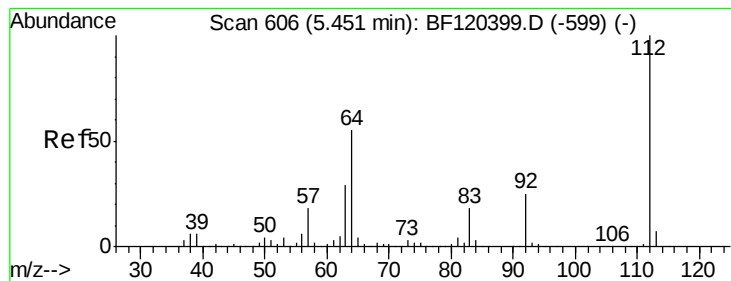
Ion Ratio Lower Upper

42 100

74 138.6 106.3 159.5

44 6.8 5.9 8.9





#5

2-Fluorophenol

Concen: 81.540 ng

RT: 5.45 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF120529.D

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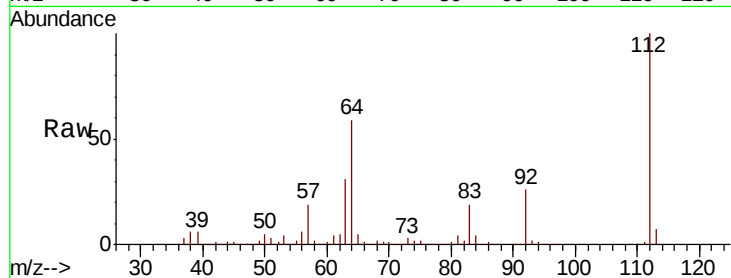
Tot Ion:112 Resp: 735626

Ion Ratio Lower Upper

112 100

64 59.0 45.8 68.8

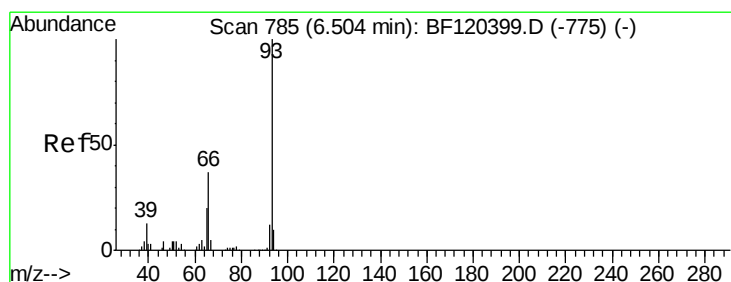
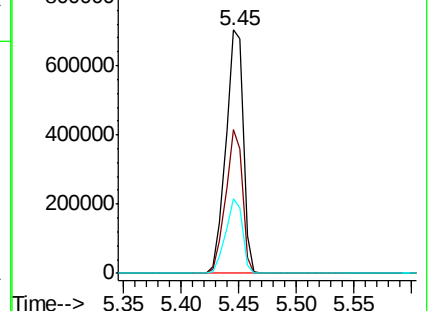
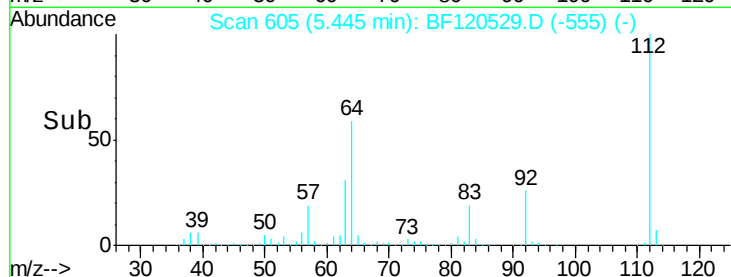
63 30.9 23.7 35.5



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: 41.296 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

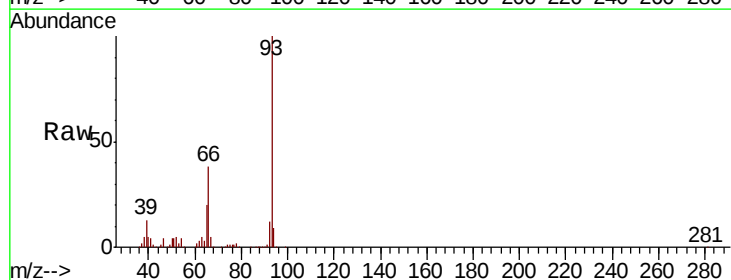
Tgt Ion: 93 Resp: 640298

Ion Ratio Lower Upper

93 100

66 37.5 29.9 44.9

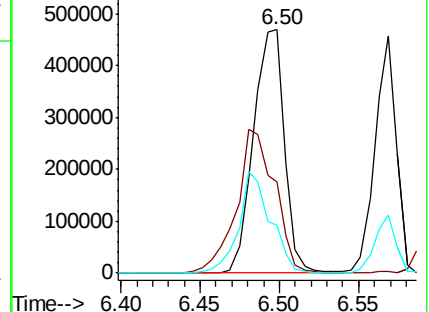
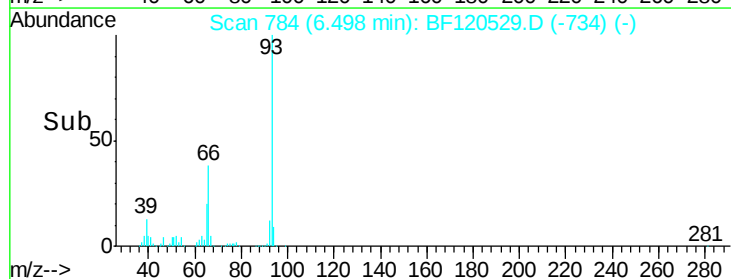
65 19.7 15.5 23.3

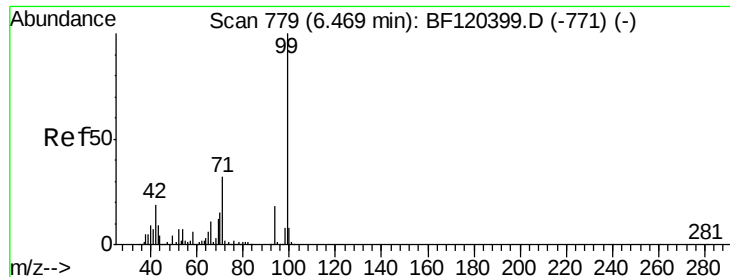


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.610 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.01 min

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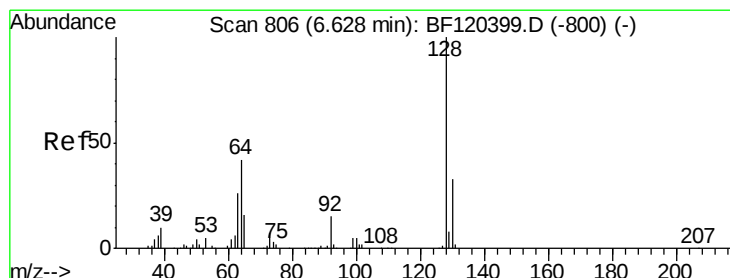
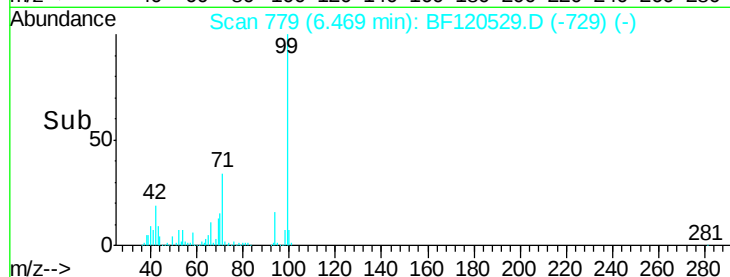
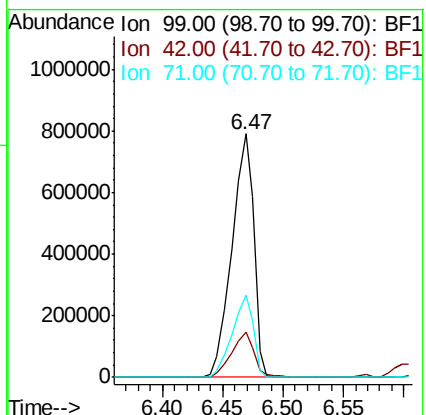
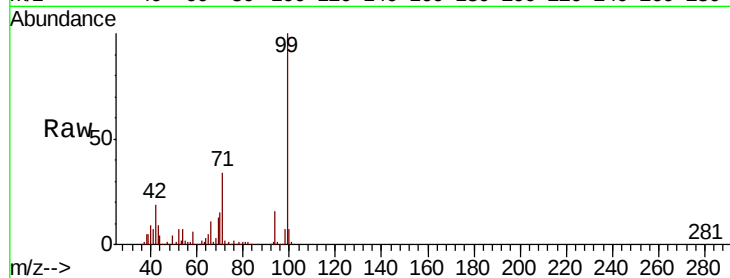
Tot Ion: 99 Resp: 996449

Ion Ratio Lower Upper

99 100

42 18.8 15.0 22.4

71 33.7 26.3 39.5



#8

2-Chlorophenol

Concen: 39.947 ng

RT: 6.62 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

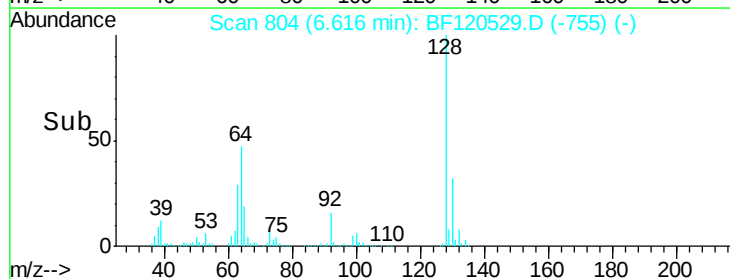
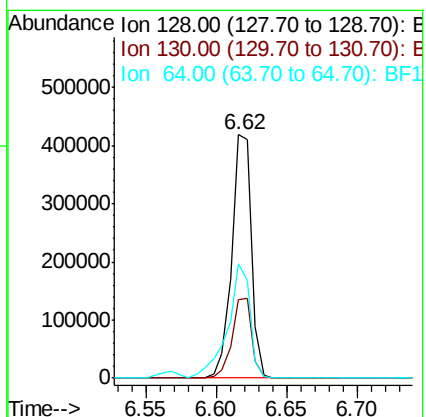
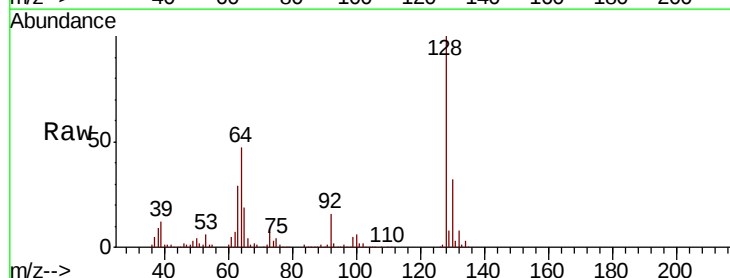
Tgt Ion: 128 Resp: 406372

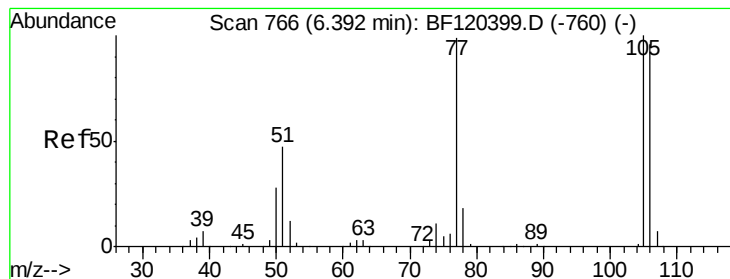
Ion Ratio Lower Upper

128 100

130 32.1 13.4 53.4

64 47.0 21.5 61.5





#9

Benzaldehyde

Concen: 37.224 ng

RT: 6.38 min Scan# 764

Delta R.T. -0.01 min

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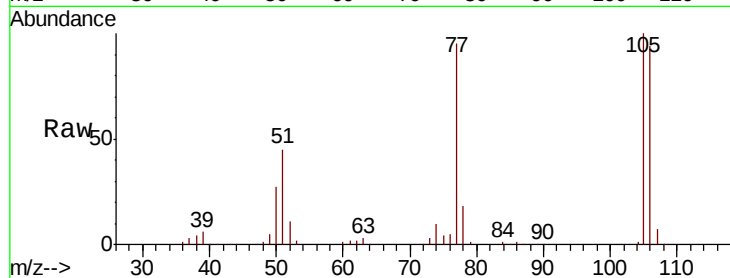
Tot Ion: 77 Resp: 252276

Ion Ratio Lower Upper

77 100

105 104.9 83.2 123.2

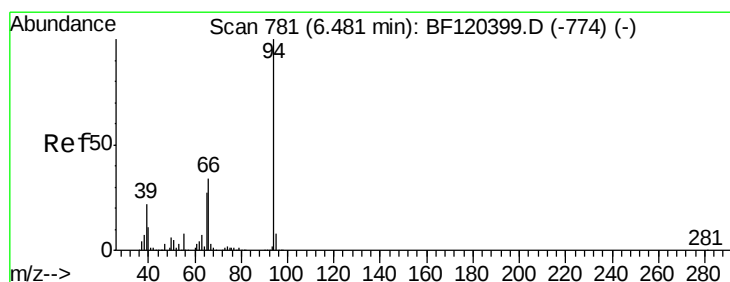
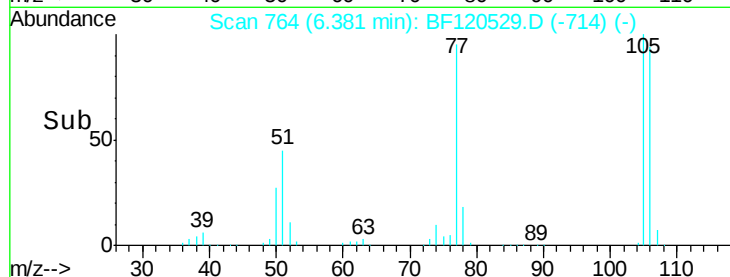
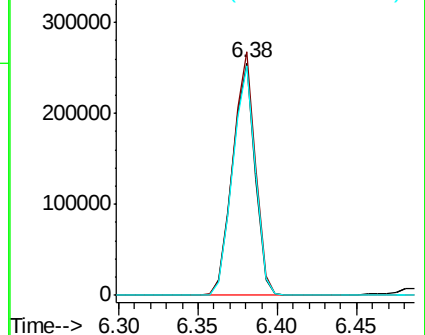
106 98.8 78.9 118.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 47.373 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

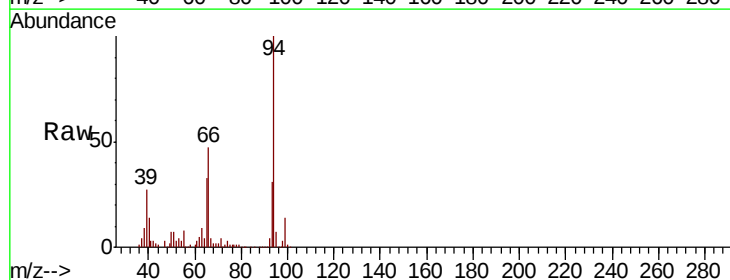
Tgt Ion: 94 Resp: 576063

Ion Ratio Lower Upper

94 100

65 33.2 14.2 54.2

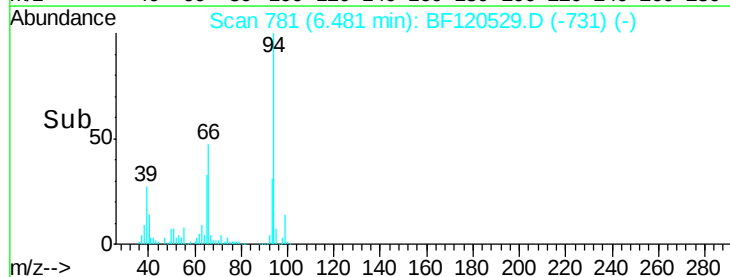
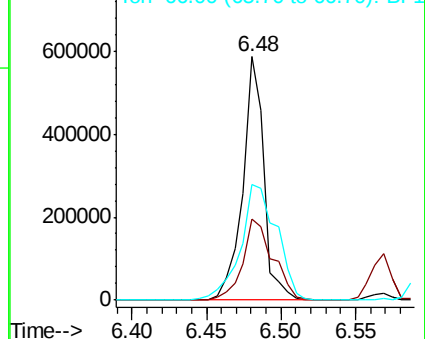
66 47.4 27.5 67.5

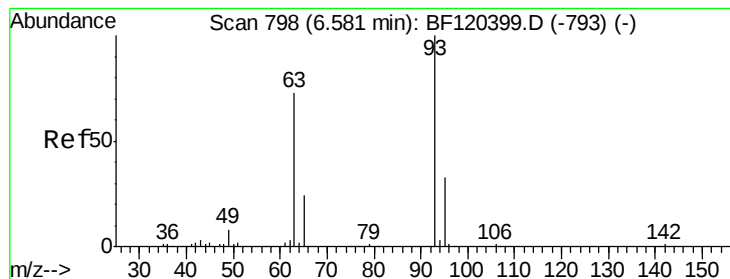


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.233 ng

RT: 6.57 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

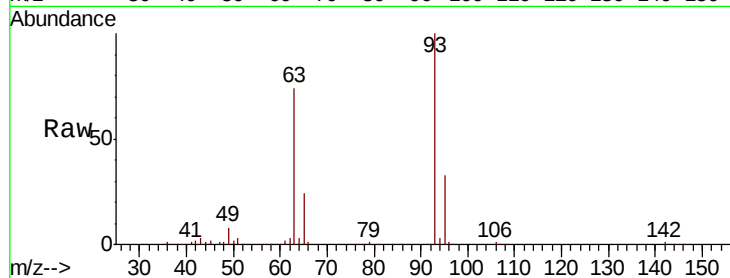
Tot Ion: 93 Resp: 429150

Ion Ratio Lower Upper

93 100

63 74.2 54.8 94.8

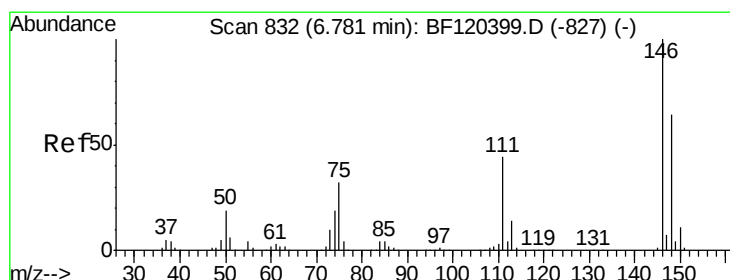
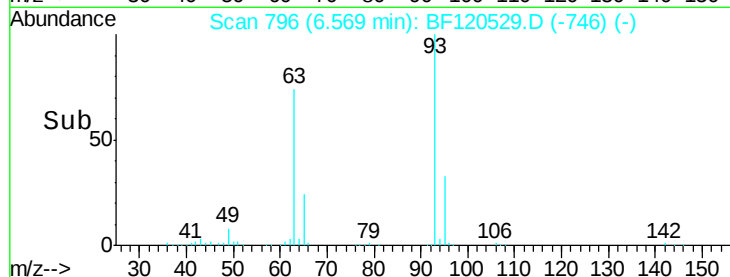
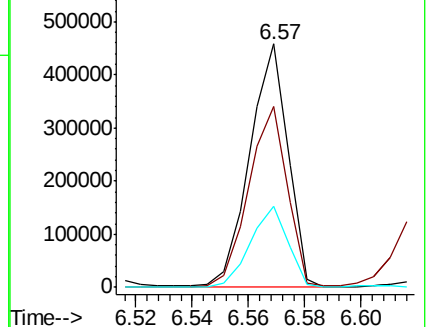
95 33.1 12.7 52.7



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: 42.085 ng

RT: 6.77 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

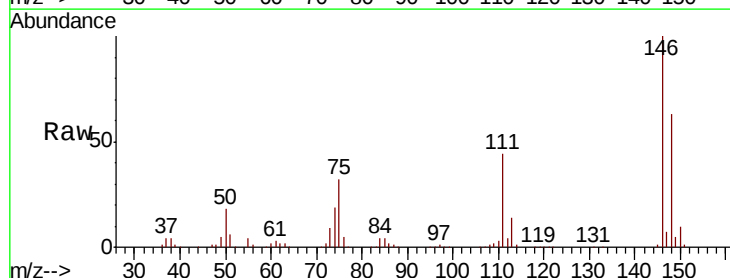
Tgt Ion: 146 Resp: 470336

Ion Ratio Lower Upper

146 100

148 62.6 51.9 77.9

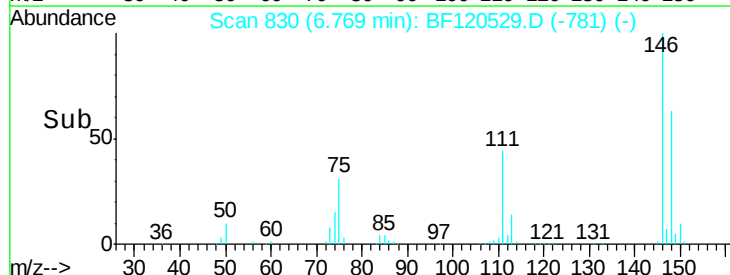
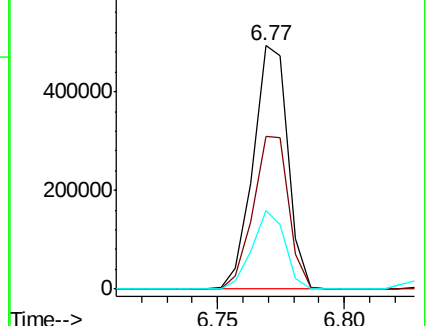
75 32.3 22.2 33.2

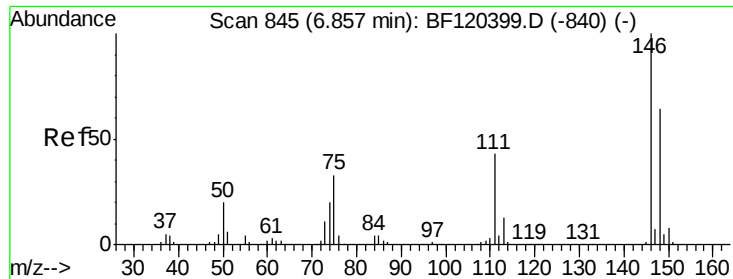


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

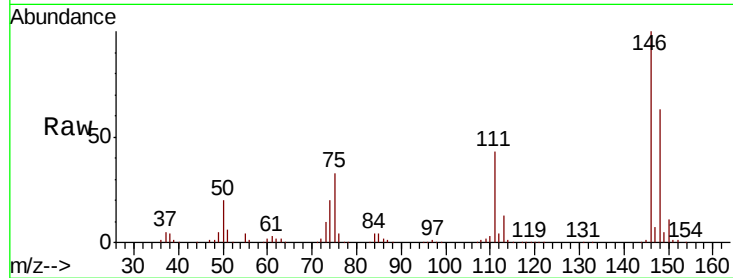




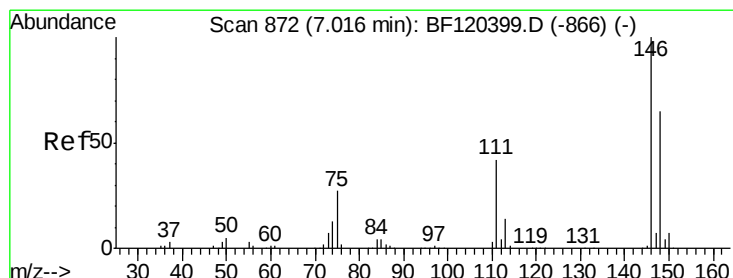
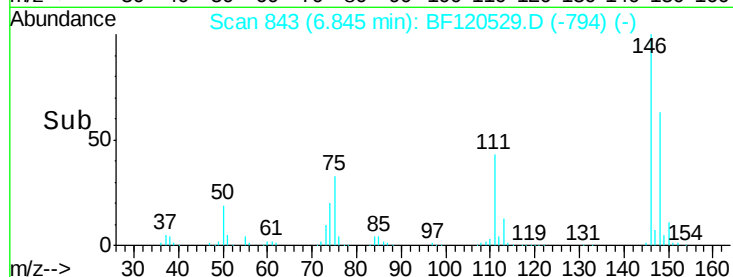
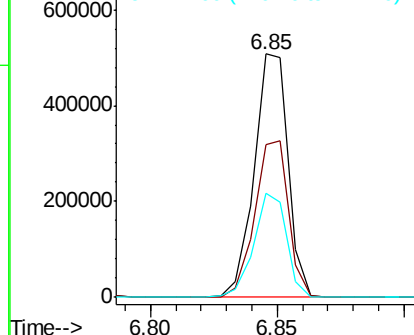
#13
 1,4-Dichlorobenzene
 Concen: 42.351 ng
 RT: 6.85 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Tot Ion:146 Resp: 472226
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.1 76.7
 111 42.9 32.2 48.2

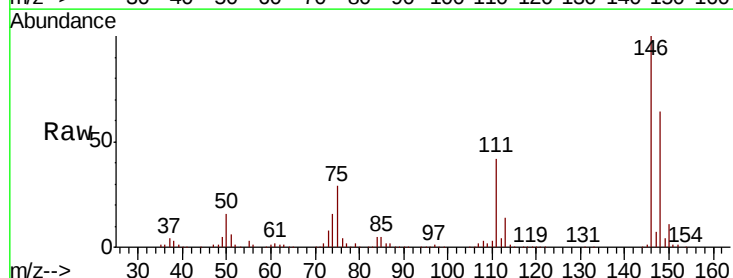


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

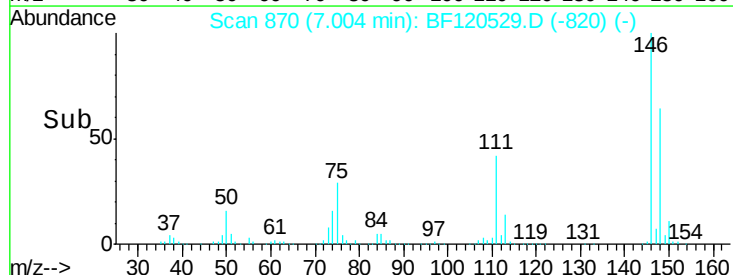
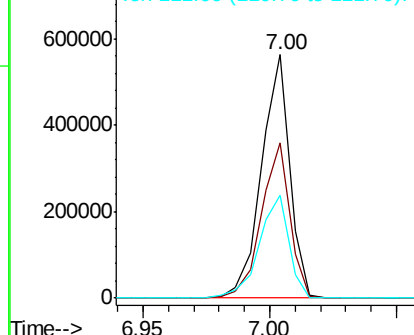


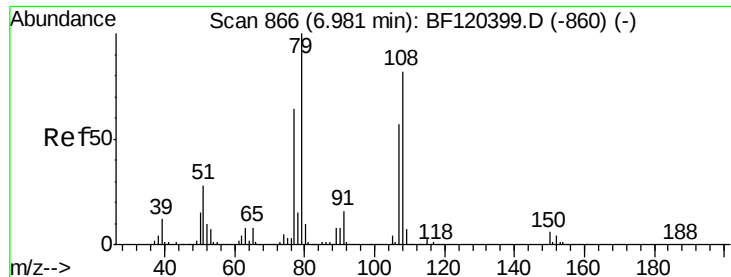
#14
 1,2-Dichlorobenzene
 Concen: 42.647 ng
 RT: 7.00 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

Tgt Ion:146 Resp: 439220
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.4 75.6
 111 42.1 34.6 52.0



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





#15

Benzyl Alcohol

Concen: 42.967 ng

RT: 6.97 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

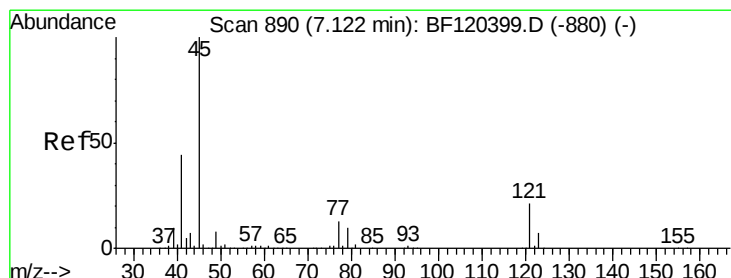
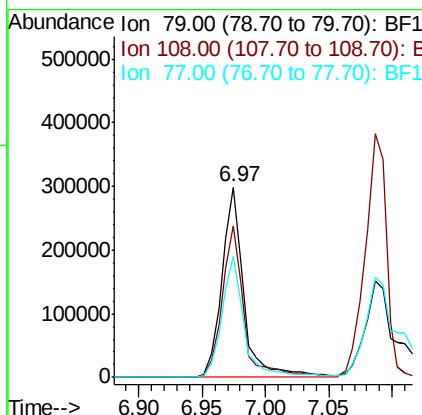
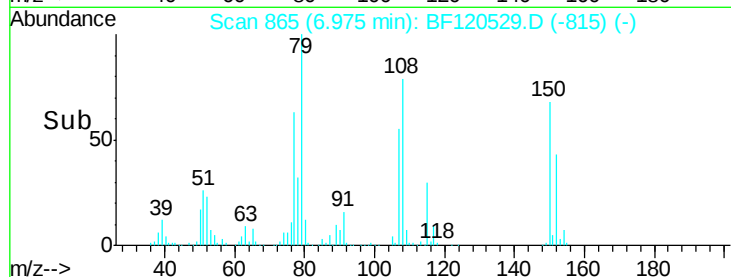
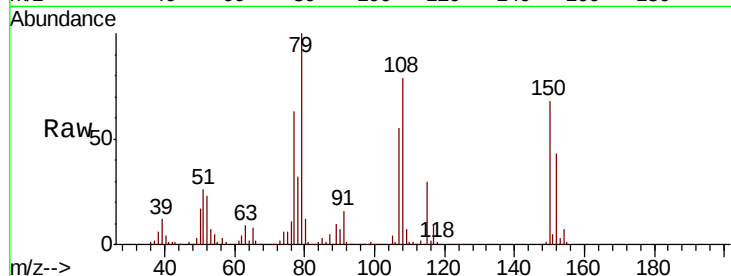
Tot Ion: 79 Resp: 360163

Ion Ratio Lower Upper

79 100

108 79.3 64.6 96.8

77 63.4 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.935 ng

RT: 7.11 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

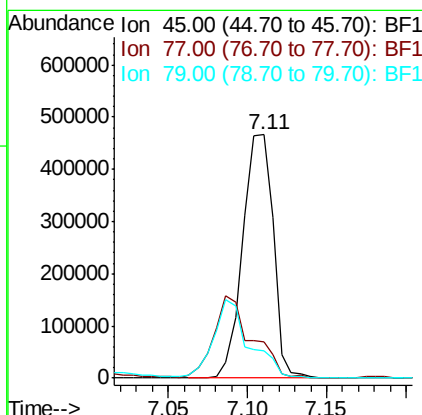
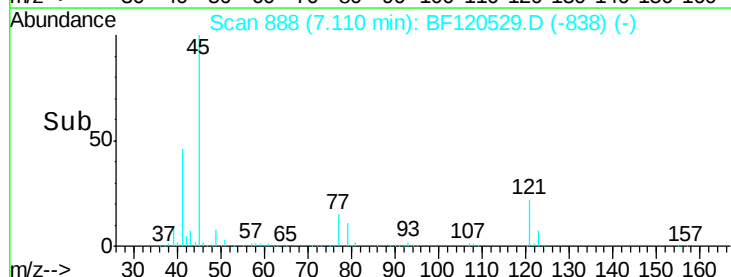
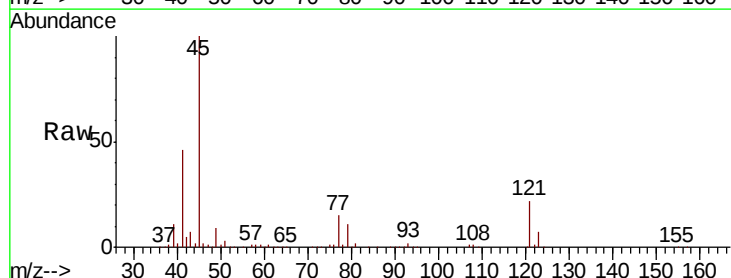
Tgt Ion: 45 Resp: 623730

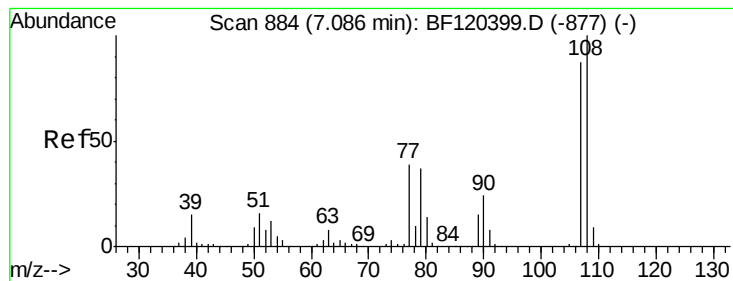
Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.3

79 11.5 0.0 31.4

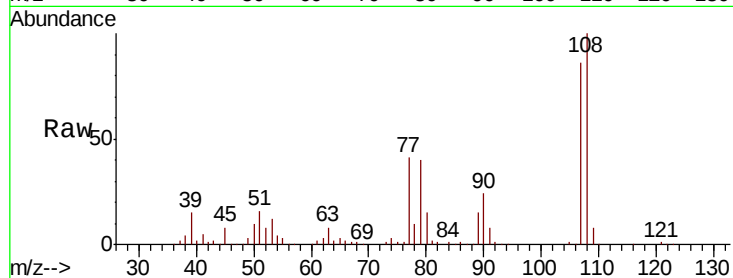




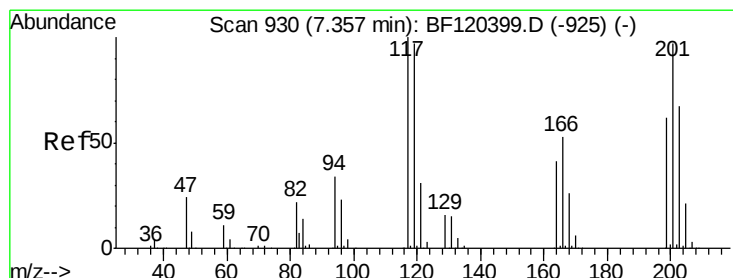
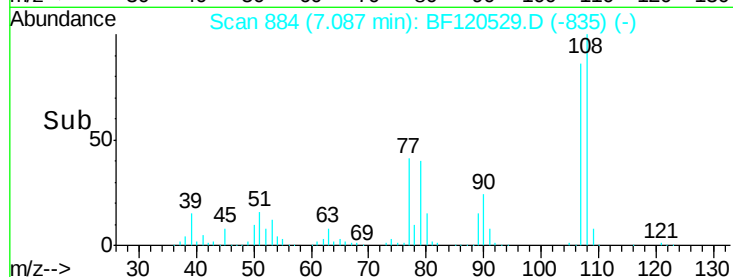
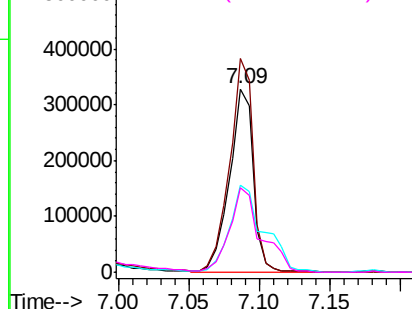
#17
2-Methylphenol
Concen: 42.346 ng
RT: 7.09 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 385199
Ion Ratio Lower Upper
107 100
108 116.6 91.9 137.9
77 47.7 38.2 57.2
79 46.2 36.8 55.2

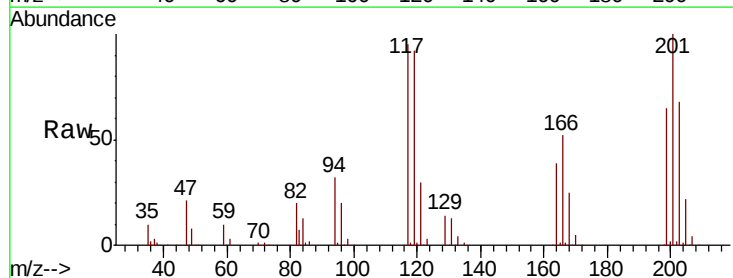


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

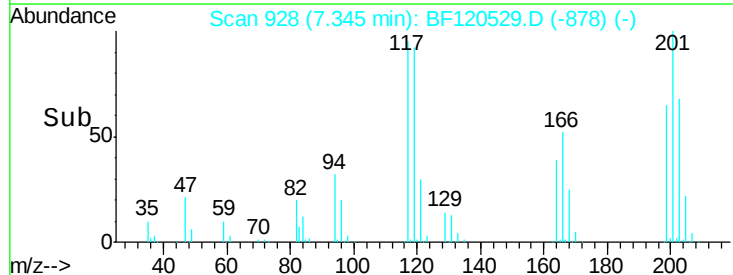
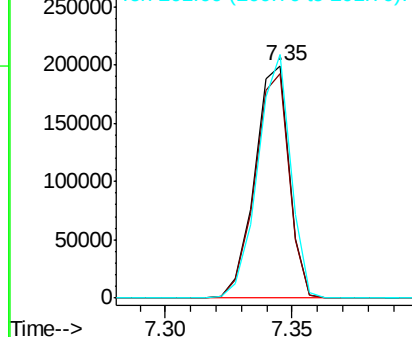


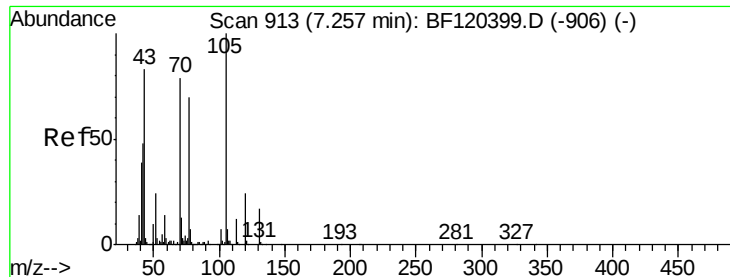
#18
Hexachloroethane
Concen: 46.274 ng
RT: 7.35 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Tgt Ion:117 Resp: 188869
Ion Ratio Lower Upper
117 100
119 96.8 78.0 117.0
201 104.9 84.8 127.2



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

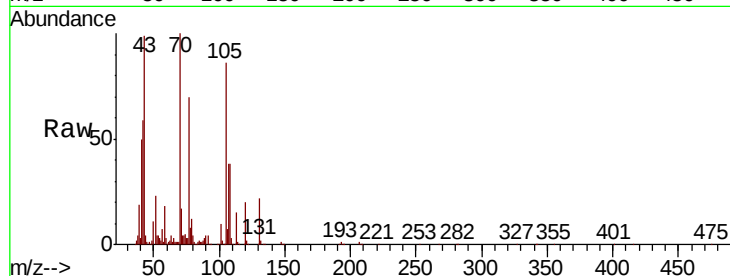




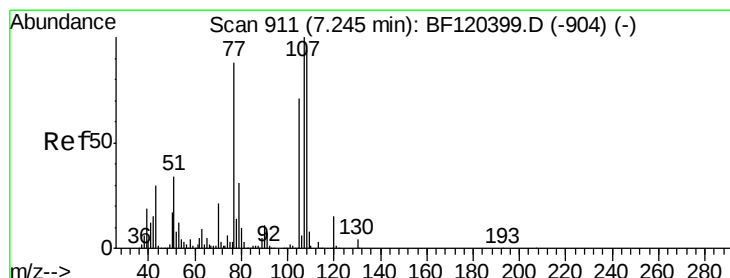
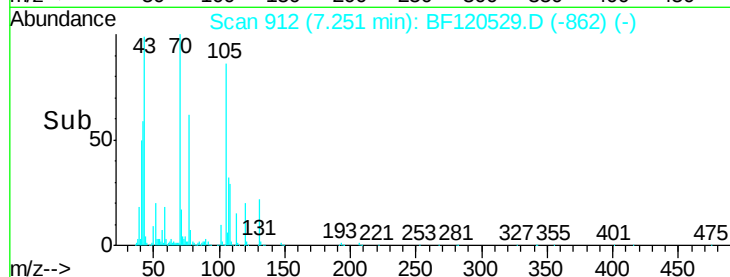
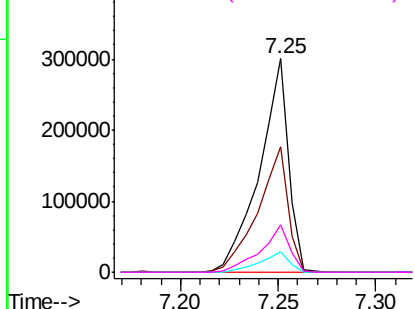
#19
n-Nitroso-di-n-propylamine
Concen: 43.760 ng
RT: 7.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	309317
Ion	Ratio	Lower	Upper
70	100		
42	58.7	47.6	71.4
101	9.8	7.4	11.0
130	22.4	17.1	25.7

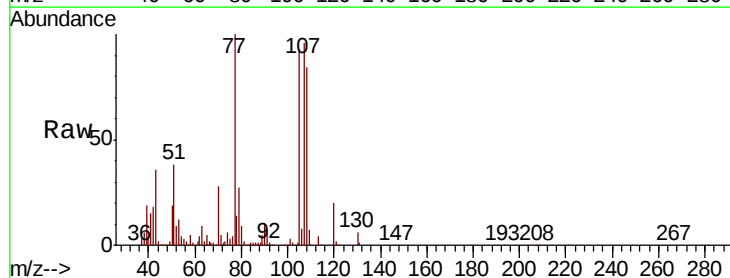


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

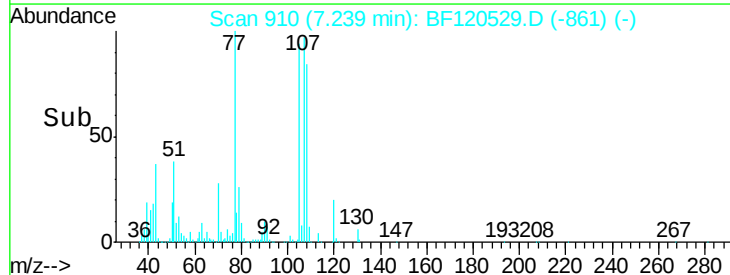
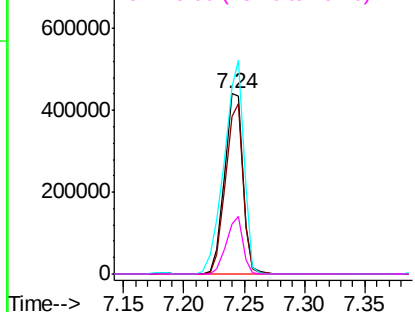


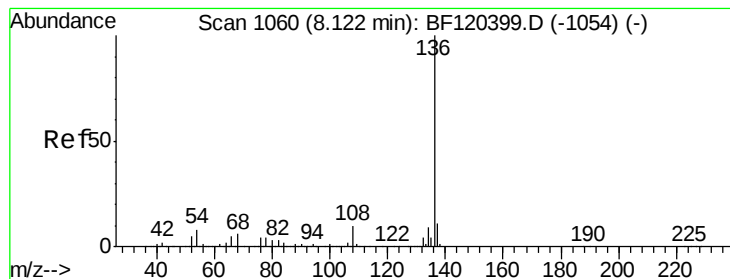
#20
3+4-Methylphenols
Concen: 40.452 ng
RT: 7.24 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Tgt Ion:	107	Resp:	464861
Ion	Ratio	Lower	Upper
107	100		
108	87.5	74.8	114.8
77	103.7	95.2	135.2
79	27.7	11.5	51.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 732380

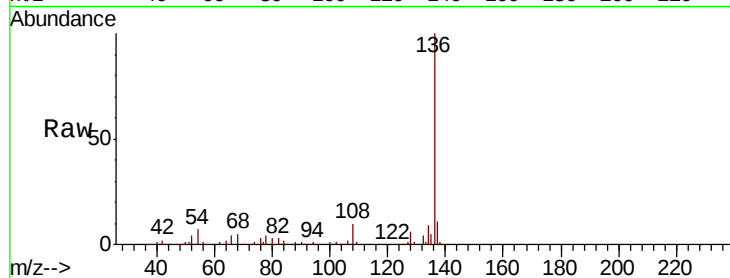
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.7 6.0 9.0

68 5.4 4.8 7.2

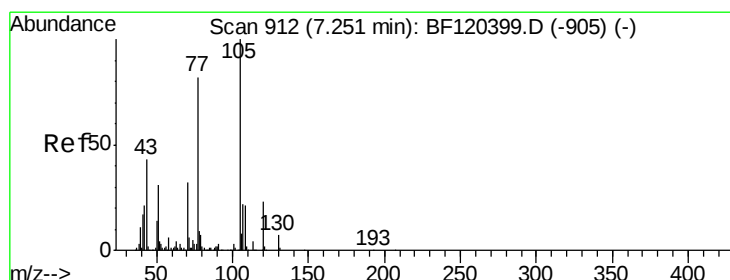
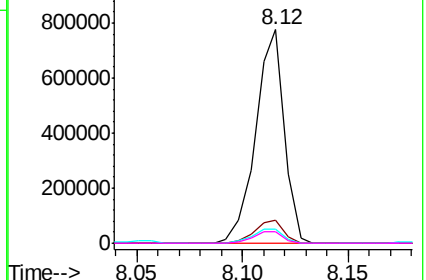
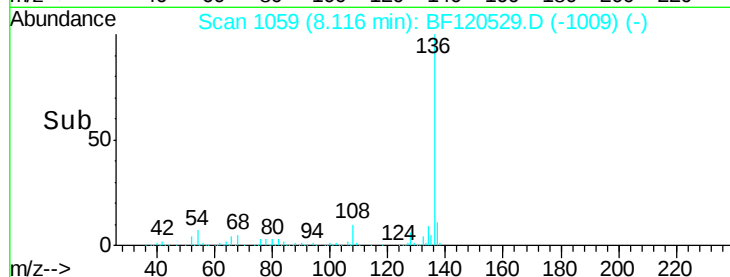


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.177 ng

RT: 7.25 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Tgt Ion:105 Resp: 597602

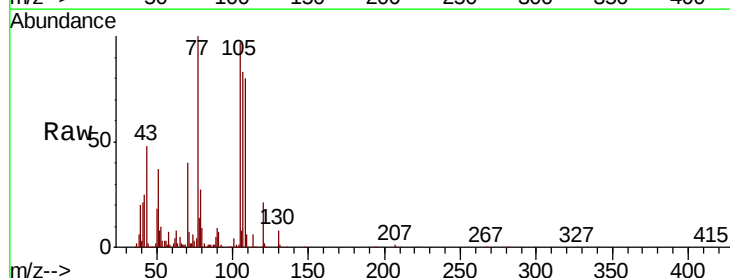
Ion Ratio Lower Upper

105 100

71 7.0 5.3 7.9

51 37.6 31.4 47.0

120 22.0 17.7 26.5

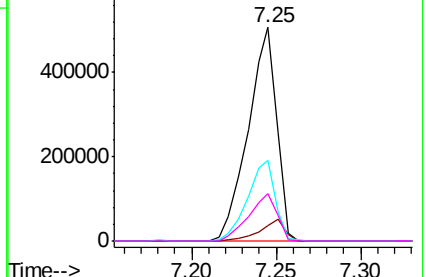
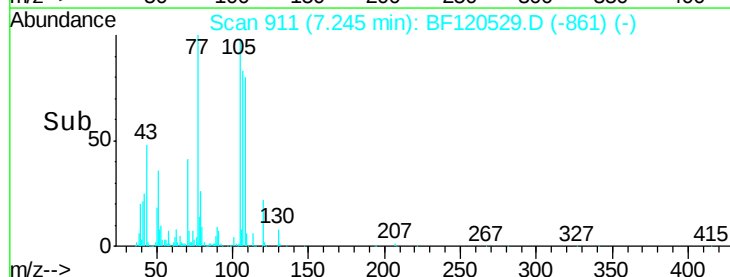


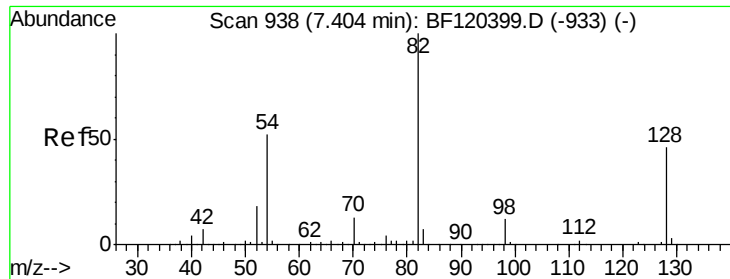
Abundance Ion 105.00 (104.70 to 105.70): E

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

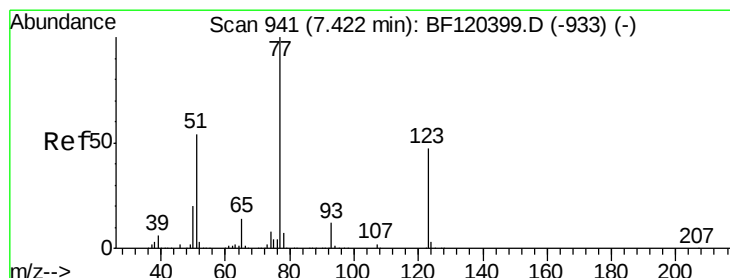
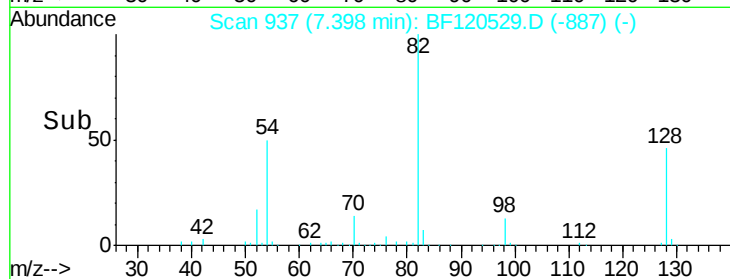
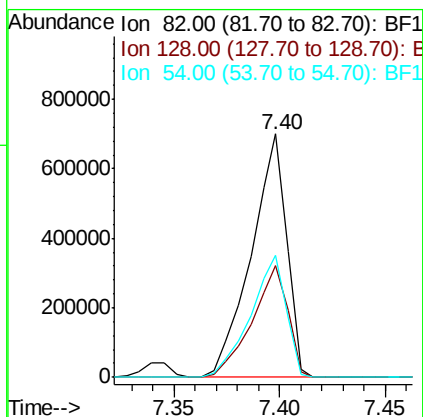
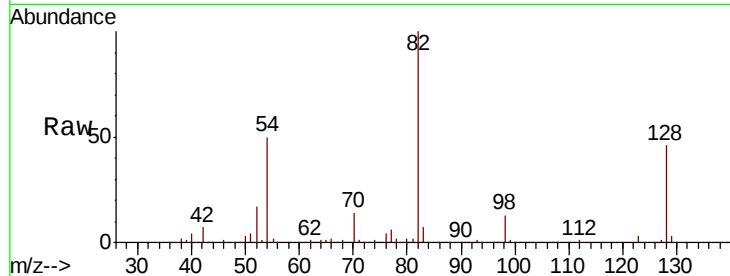




#23
 Nitrobenzene-d5
 Concen: 72.785 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

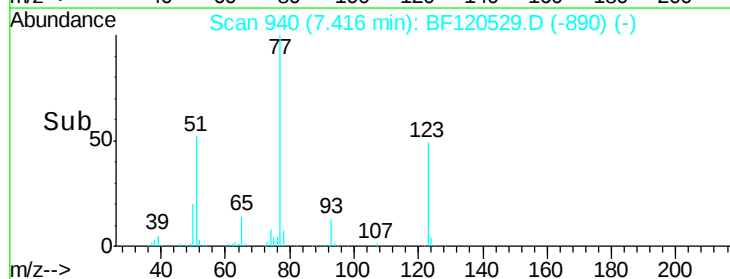
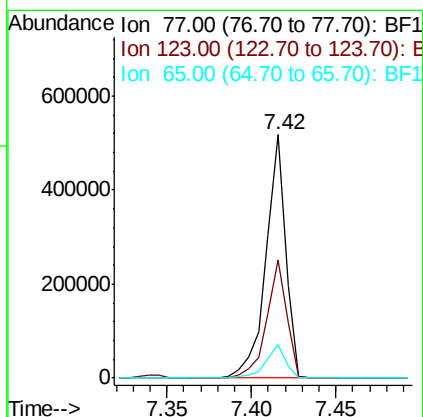
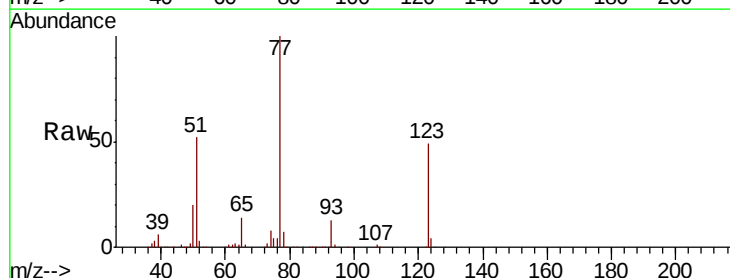
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

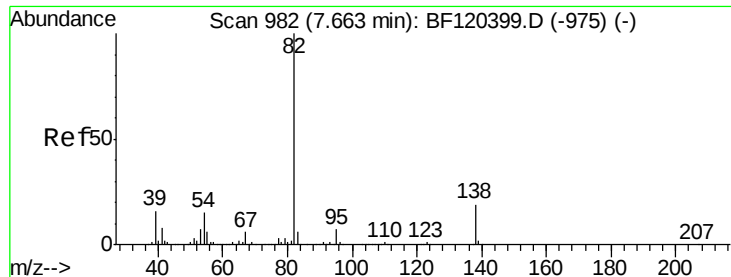
Tot Ion	82	Resp	814915
Ion Ratio	100	Lower	Upper
128	45.9	37.4	56.0
54	50.0	40.7	61.1



#24
 Nitrobenzene
 Concen: 34.757 ng
 RT: 7.42 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

Tgt Ion	77	Resp	419189
Ion Ratio	100	Lower	Upper
123	48.6	39.0	58.6
65	13.8	11.0	16.6





#25

Isophorone

Concen: 34.816 ng

RT: 7.66 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

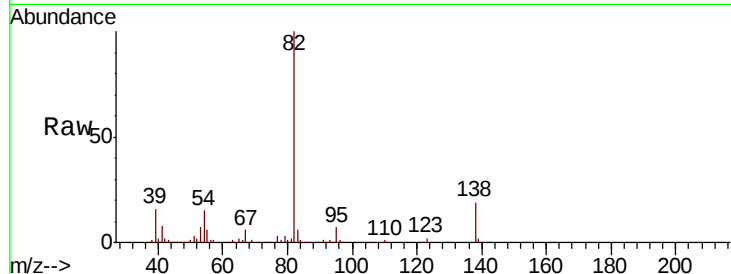
Tot Ion: 82 Resp: 783457

Ion Ratio Lower Upper

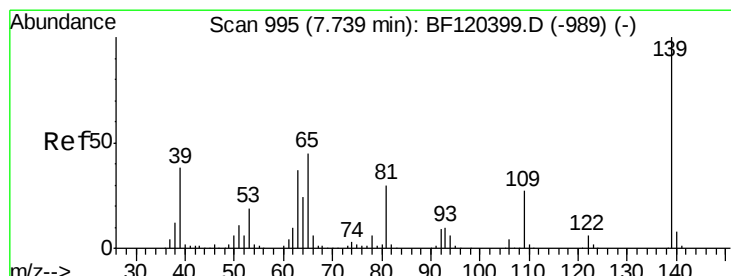
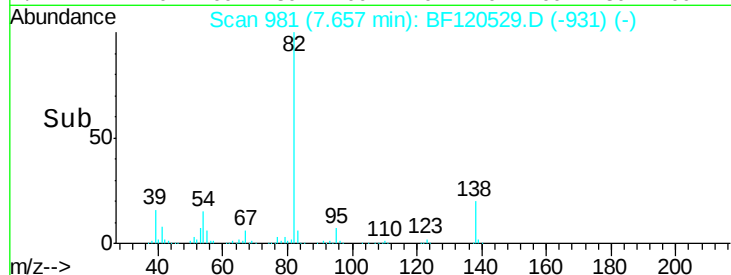
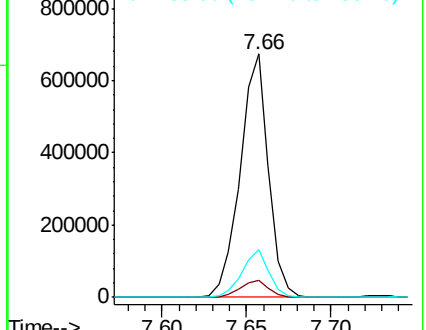
82 100

95 7.2 5.5 8.3

138 19.5 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: 41.393 ng

RT: 7.73 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

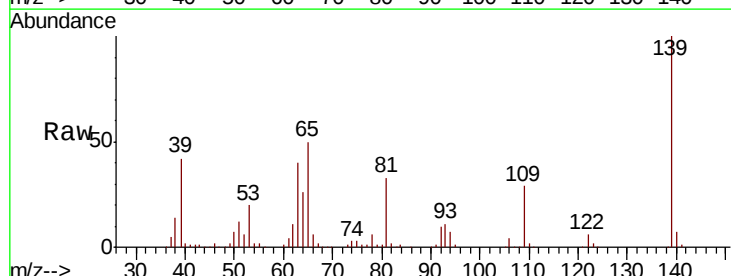
Tgt Ion: 139 Resp: 225089

Ion Ratio Lower Upper

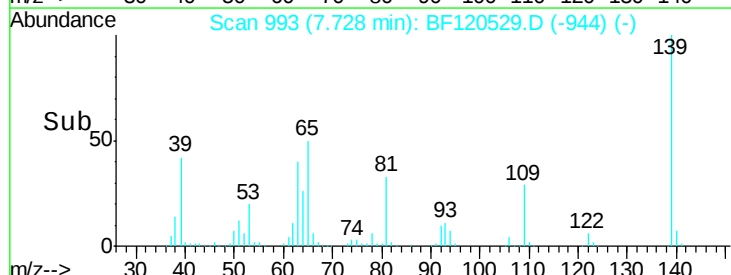
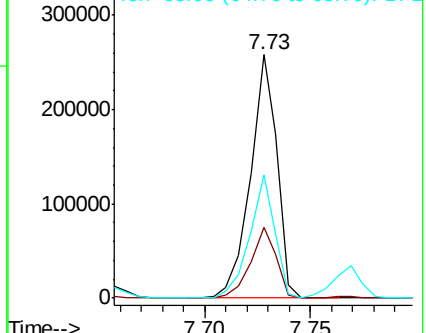
139 100

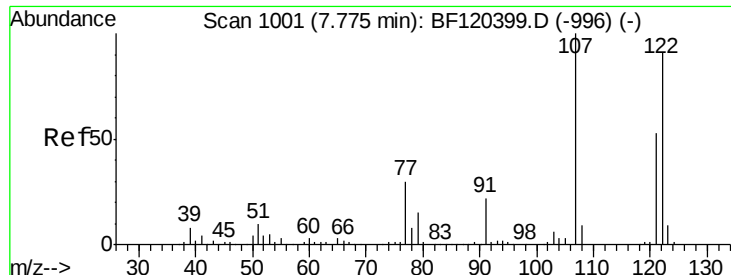
109 28.8 19.7 29.5

65 50.5 32.8 49.2#



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

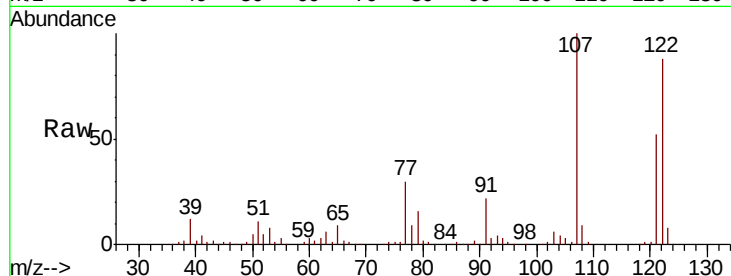




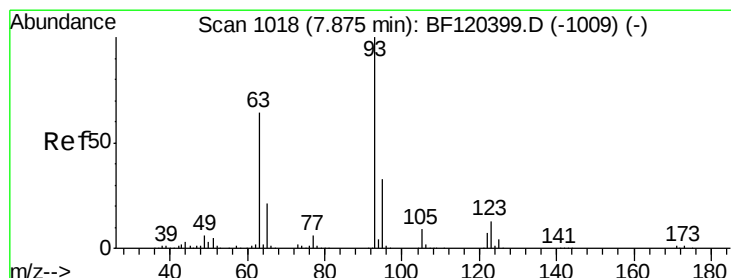
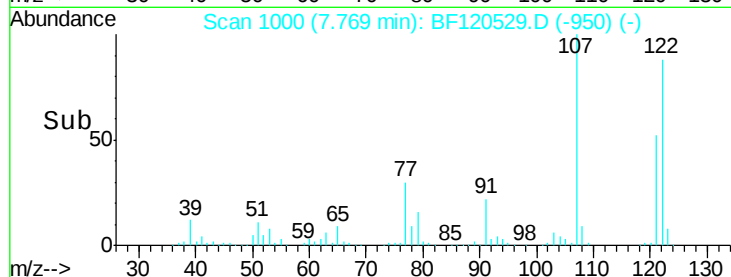
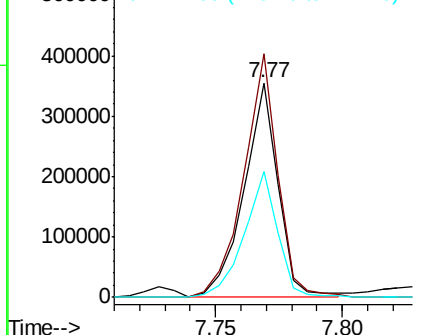
#27
2,4-Dimethylphenol
Concen: 35.364 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 333956
Ion Ratio Lower Upper
122 100
107 113.7 88.4 132.6
121 58.6 46.1 69.1

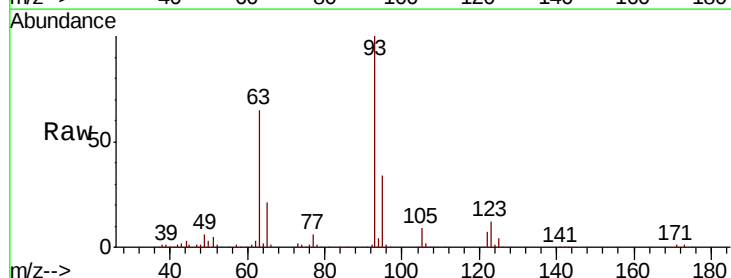


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

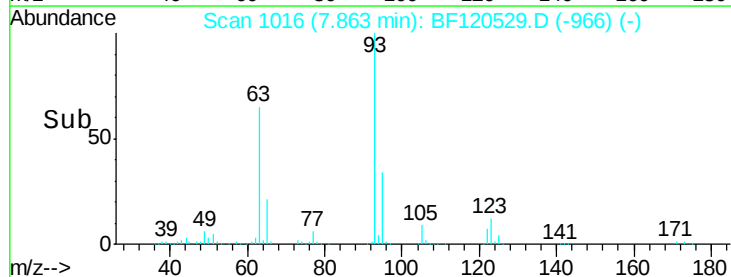
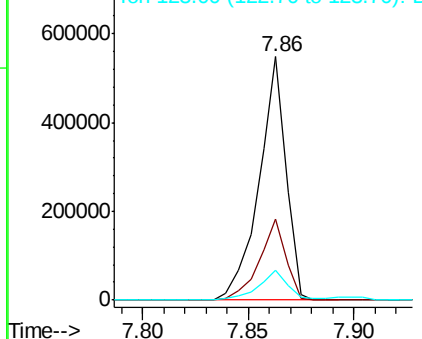


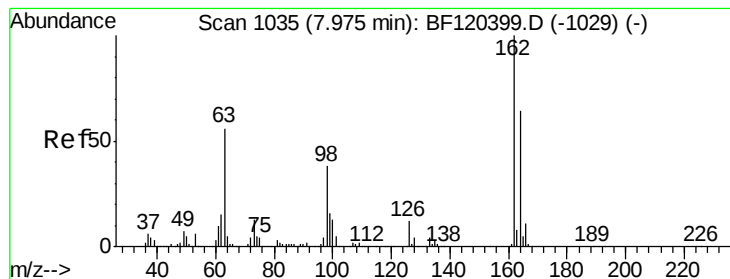
#28
bis(2-Chloroethoxy)methane
Concen: 35.902 ng
RT: 7.86 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Tgt Ion: 93 Resp: 486527
Ion Ratio Lower Upper
93 100
95 33.5 26.4 39.6
123 12.3 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: 37.432 ng

RT: 7.97 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

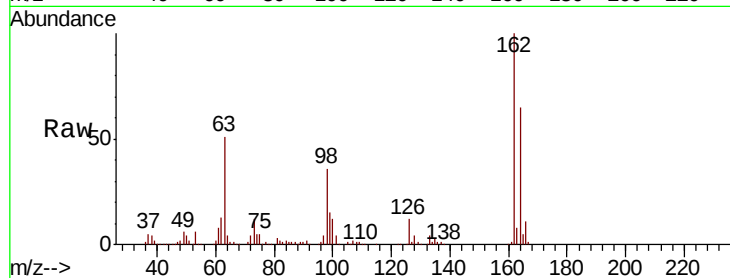
Tot Ion:162 Resp: 357042

Ion Ratio Lower Upper

162 100

164 64.6 44.4 84.4

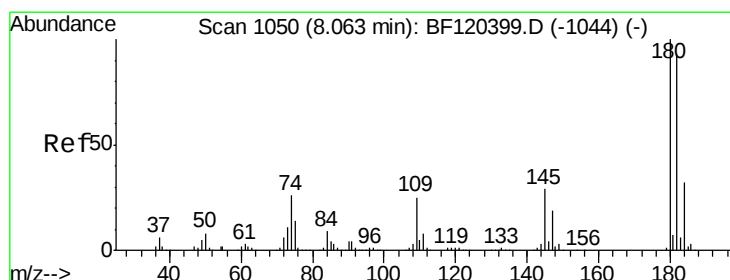
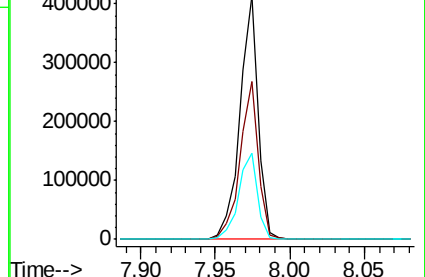
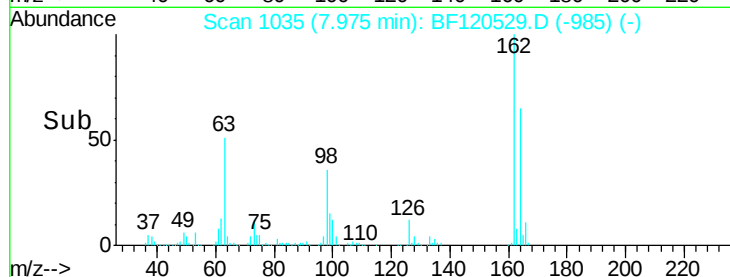
98 35.5 16.5 56.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.828 ng

RT: 8.06 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

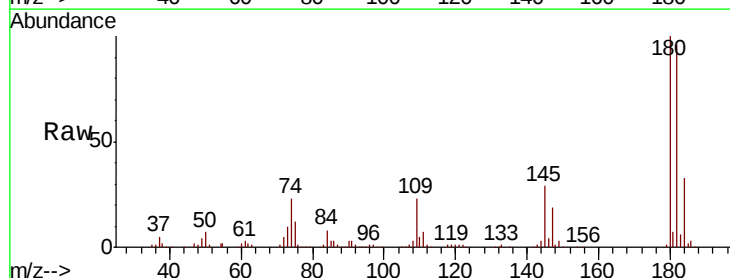
Tgt Ion:180 Resp: 447733

Ion Ratio Lower Upper

180 100

182 96.3 75.7 113.5

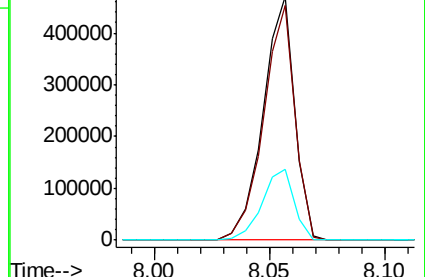
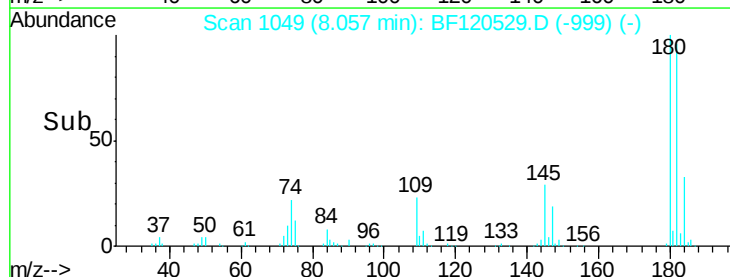
145 29.1 23.5 35.3

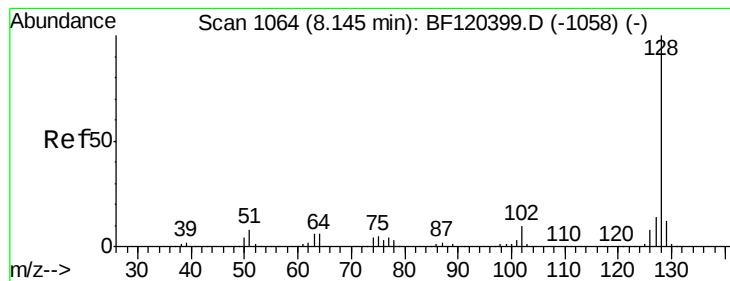


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.112 ng

RT: 8.14 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

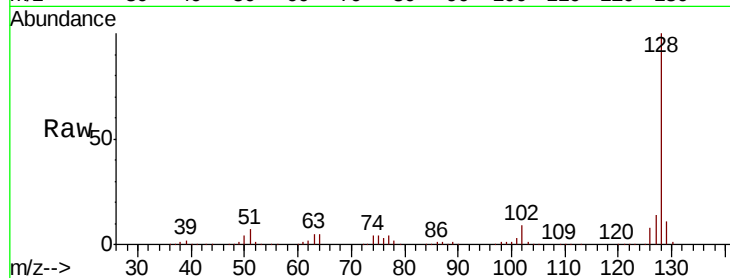
Tot Ion:128 Resp: 1322349

Ion Ratio Lower Upper

128 100

129 11.0 9.2 13.8

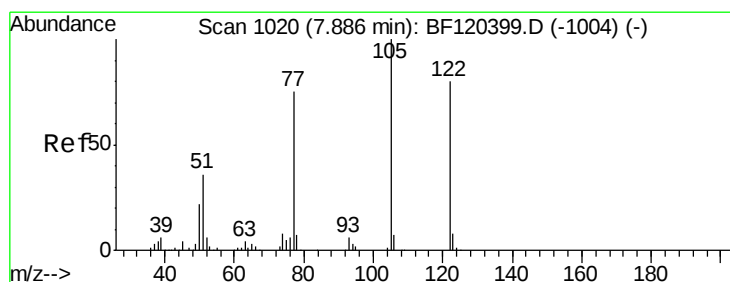
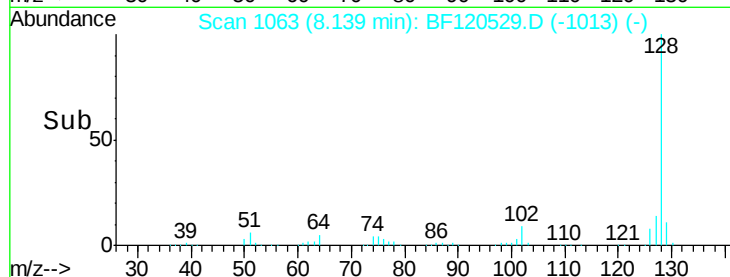
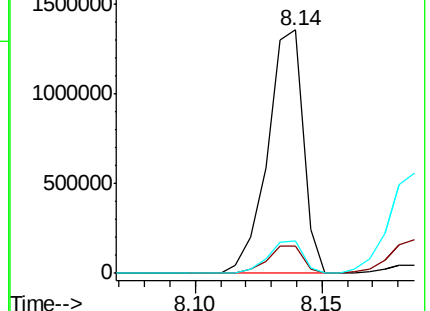
127 13.5 11.0 16.6



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: 36.325 ng

RT: 7.90 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

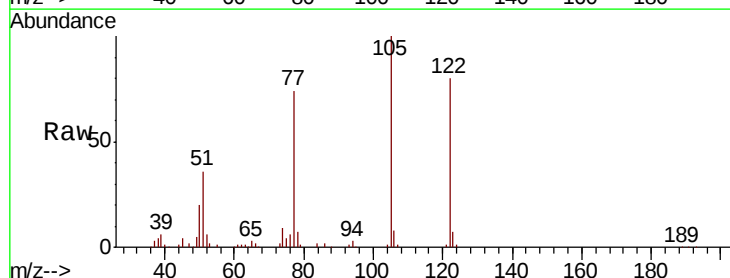
Tgt Ion:122 Resp: 254553

Ion Ratio Lower Upper

122 100

105 124.7 100.7 140.7

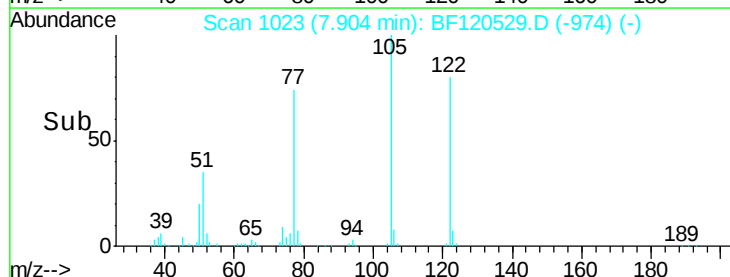
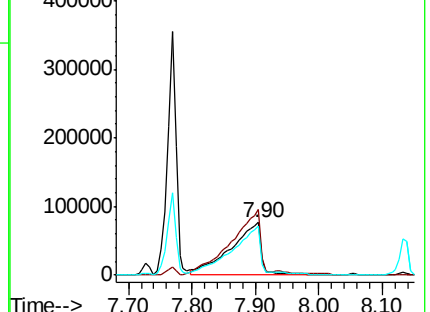
77 92.4 68.3 108.3

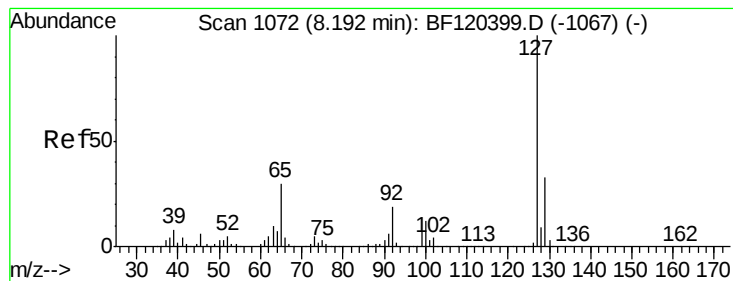


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 41.186 ng

RT: 8.19 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 587109

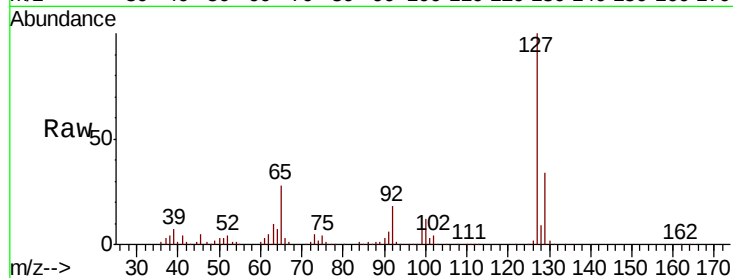
Ion Ratio Lower Upper

127 100

129 33.5 25.8 38.8

65 27.9 22.7 34.1

92 17.9 14.6 21.8

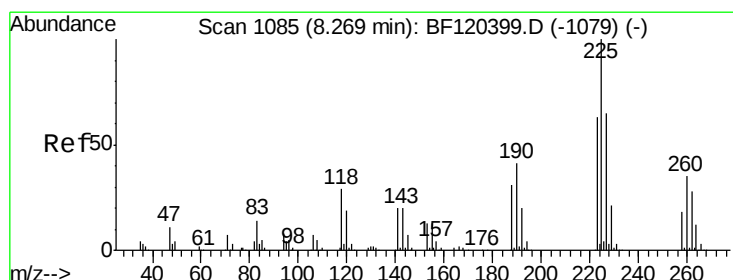
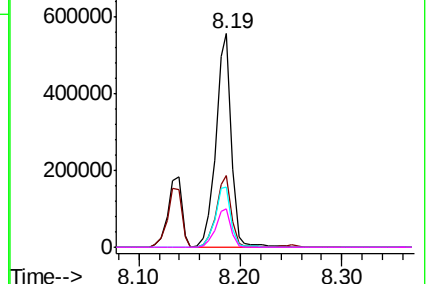
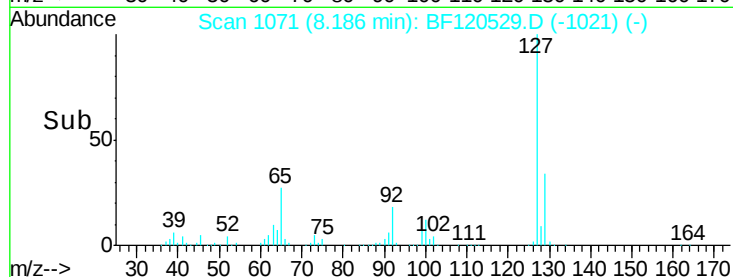


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.701 ng

RT: 8.25 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

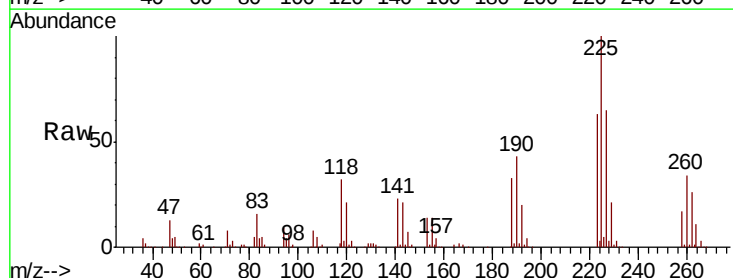
Tgt Ion:225 Resp: 270928

Ion Ratio Lower Upper

225 100

223 63.2 51.5 77.3

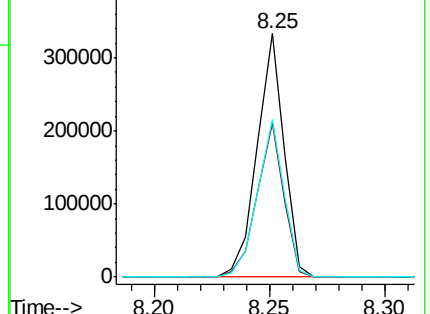
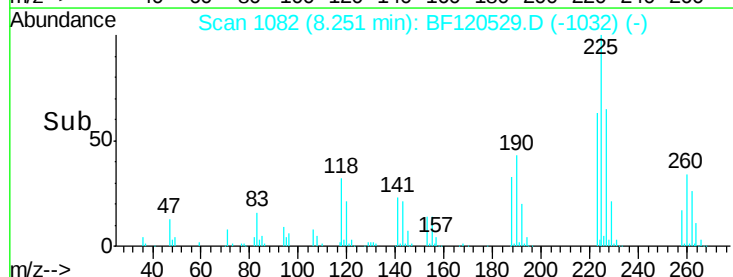
227 64.6 51.9 77.9

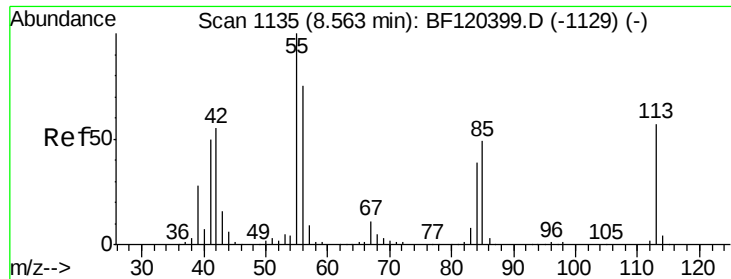


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.556 ng

RT: 8.57 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

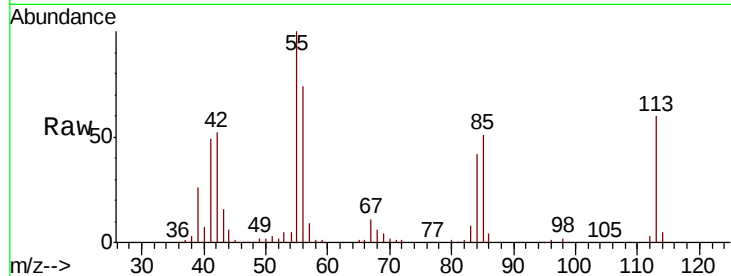
Tot Ion:113 Resp: 134548

Ion Ratio Lower Upper

113 100

55 167.8 132.3 172.3

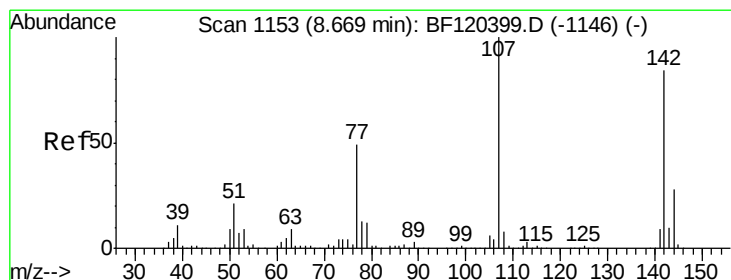
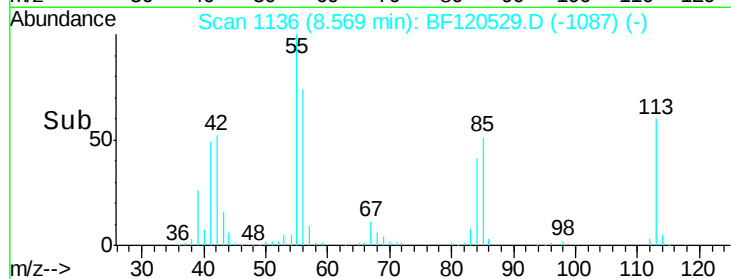
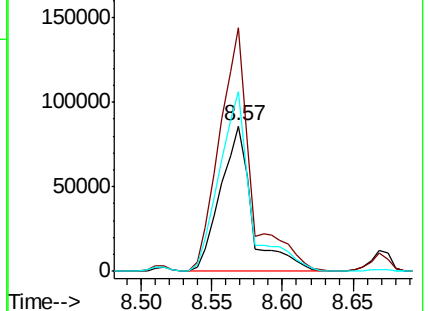
56 124.0 92.2 132.2



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: 43.842 ng

RT: 8.67 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

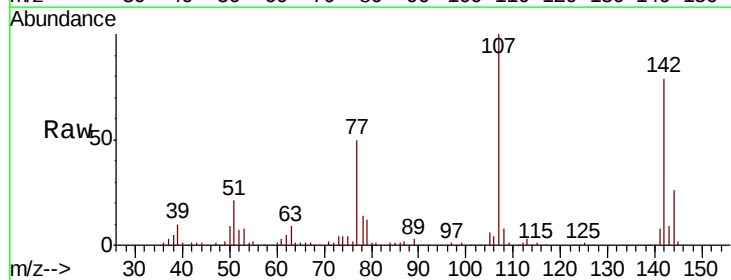
Tgt Ion:107 Resp: 424271

Ion Ratio Lower Upper

107 100

144 25.8 22.5 33.7

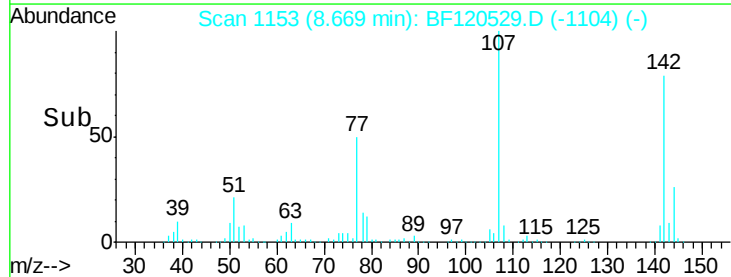
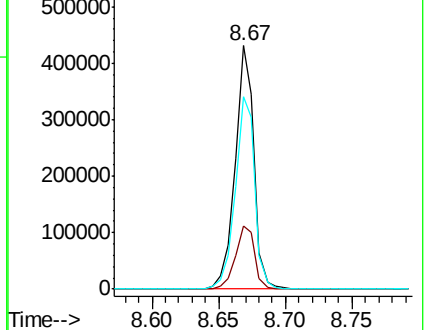
142 79.3 69.2 103.8

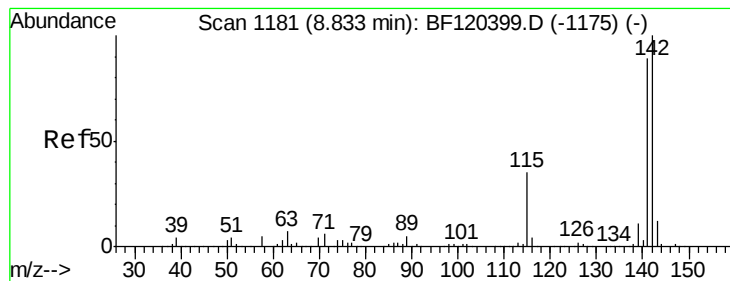


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.190 ng

RT: 8.83 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

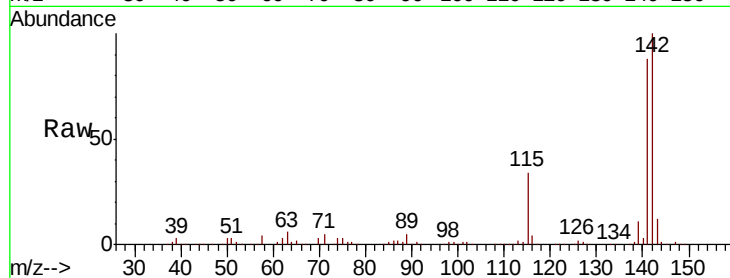
Tot Ion:142 Resp: 877542

Ion Ratio Lower Upper

142 100

141 88.4 70.6 106.0

115 34.4 27.5 41.3



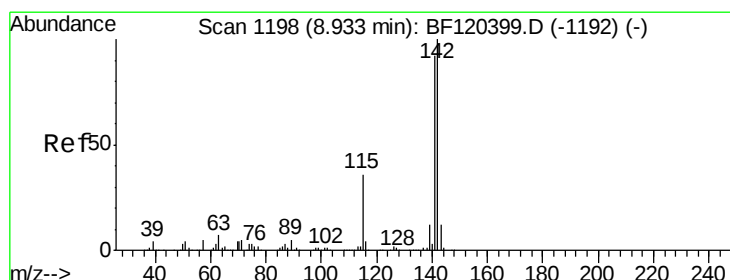
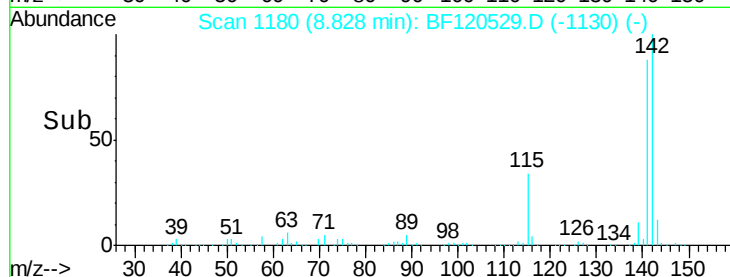
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.83

Time-->



#38

1-Methylnaphthalene

Concen: 39.091 ng

RT: 8.93 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

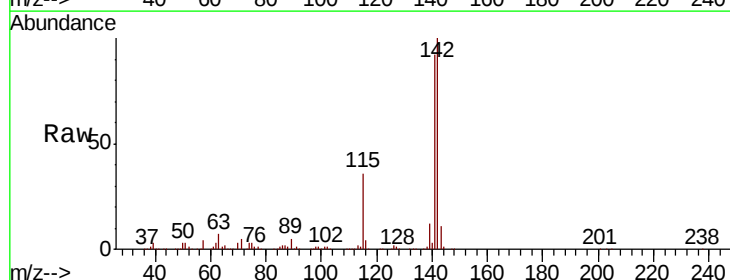
Tgt Ion:142 Resp: 786124

Ion Ratio Lower Upper

142 100

141 92.0 73.5 110.3

116 3.7 3.0 4.6



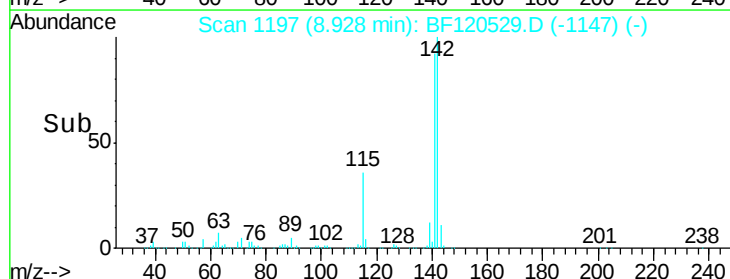
Abundance Ion 142.00 (141.70 to 142.70): E

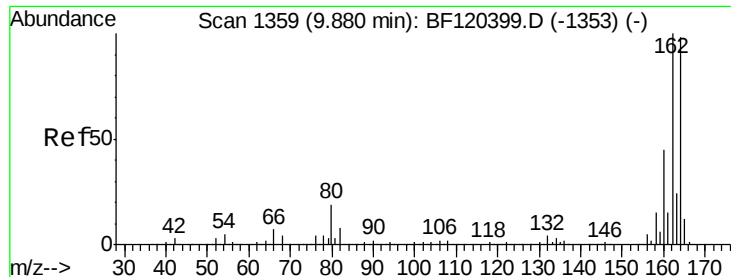
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.93

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

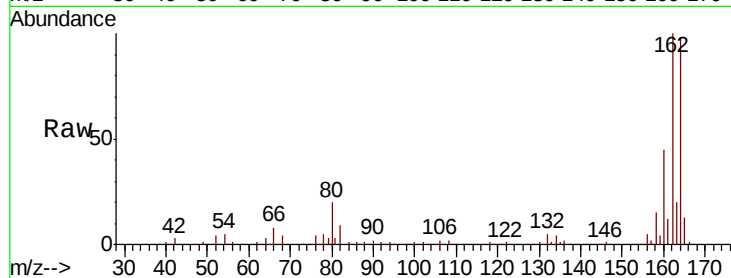
Tot Ion:164 Resp: 382336

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

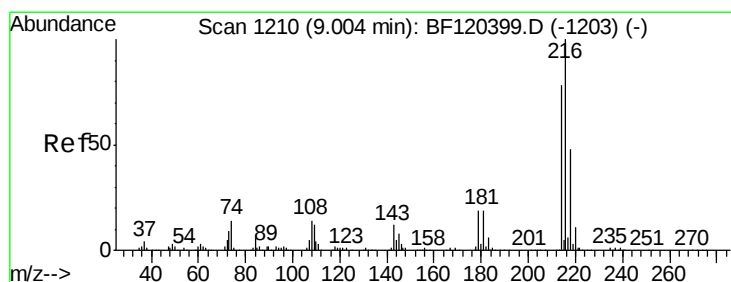
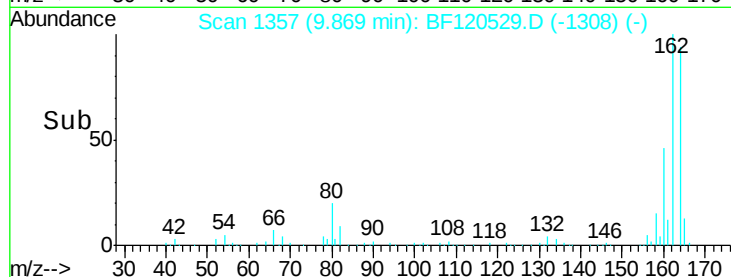
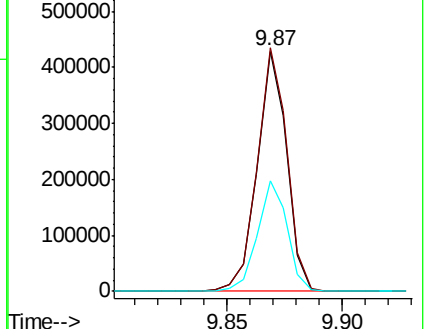
160 46.2 37.3 55.9



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: 43.813 ng

RT: 8.99 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Tgt Ion:216 Resp: 429582

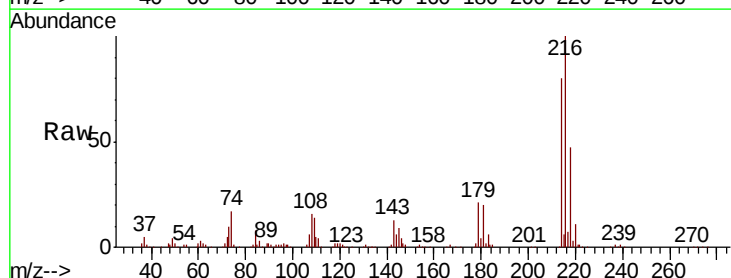
Ion Ratio Lower Upper

216 100

214 79.2 62.6 93.8

179 20.5 16.4 24.6

108 17.7 14.7 22.1

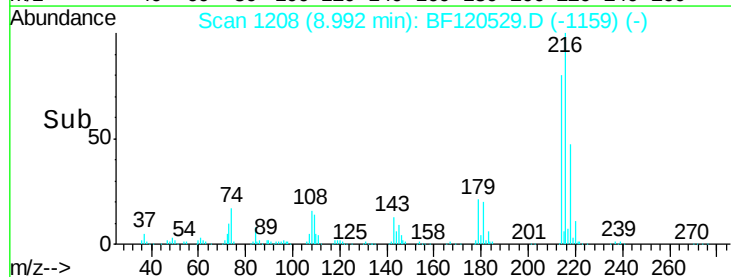
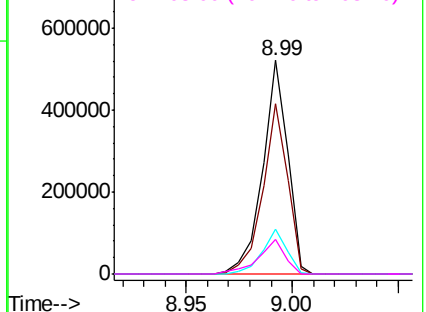


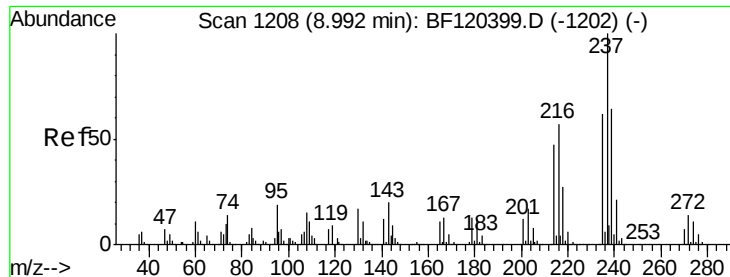
Abundance Ion 216.00 (215.70 to 216.70): E

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: 48.565 ng

RT: 8.98 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

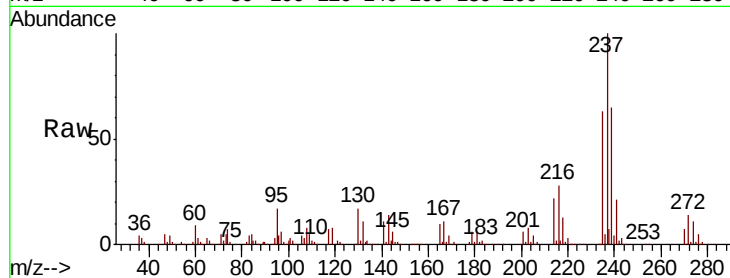
Tot Ion:237 Resp: 265754

Ion Ratio Lower Upper

237 100

235 63.3 44.1 84.1

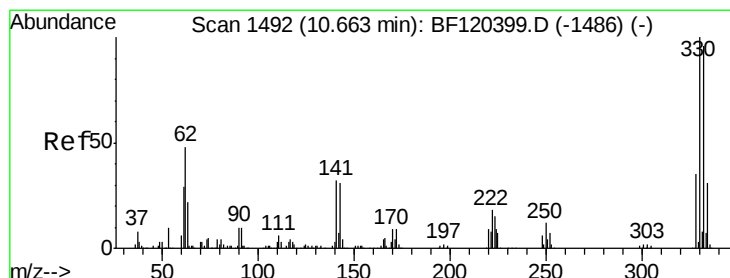
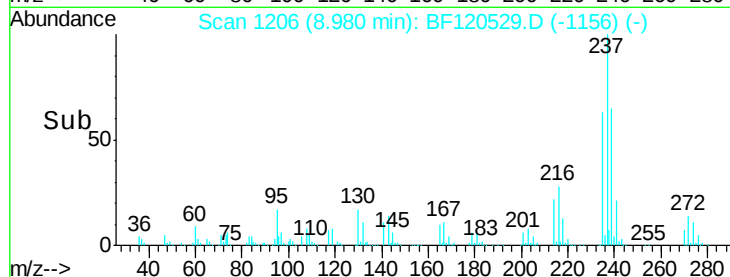
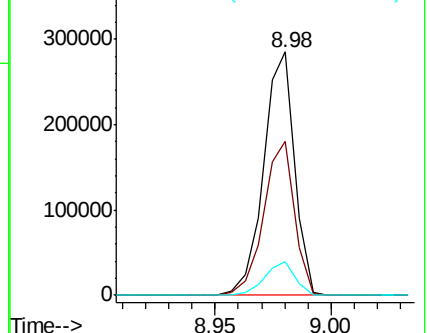
272 14.0 0.0 33.6



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: 94.636 ng

RT: 10.66 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

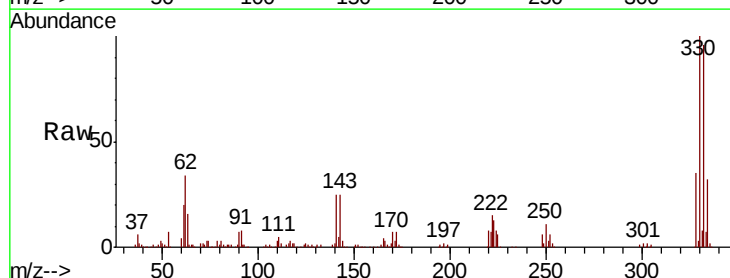
Tgt Ion:330 Resp: 335248

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

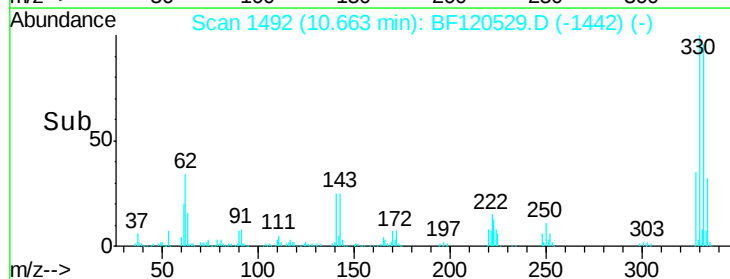
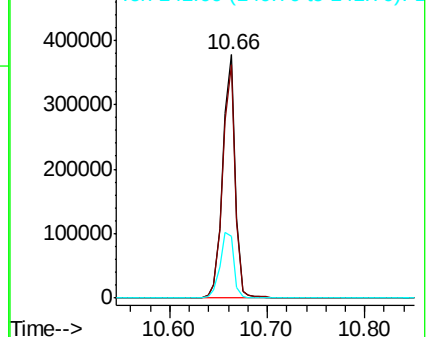
141 29.8 23.5 35.3

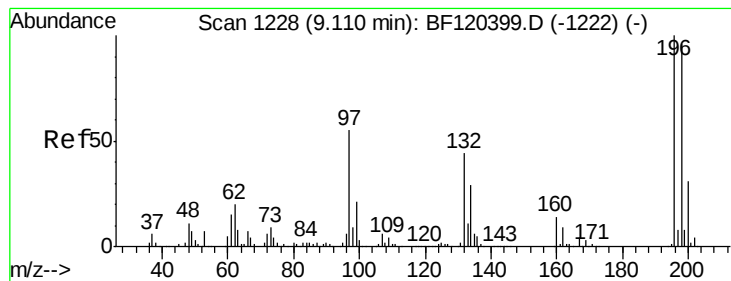


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

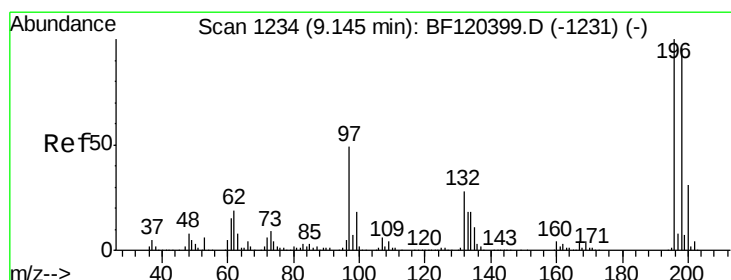
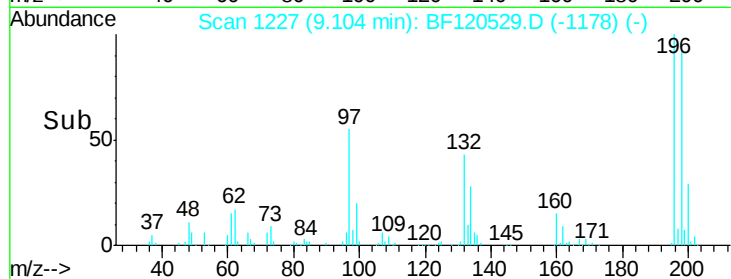
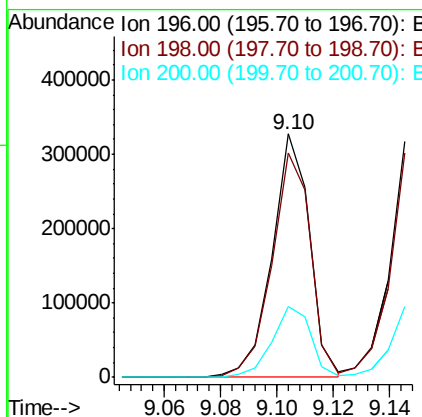
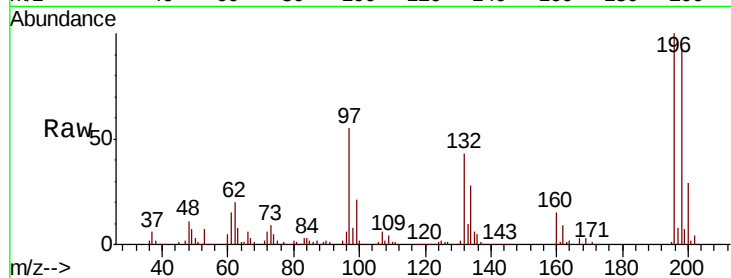




#43
 2,4,6-Trichlorophenol
 Concen: 42.459 ng
 RT: 9.10 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

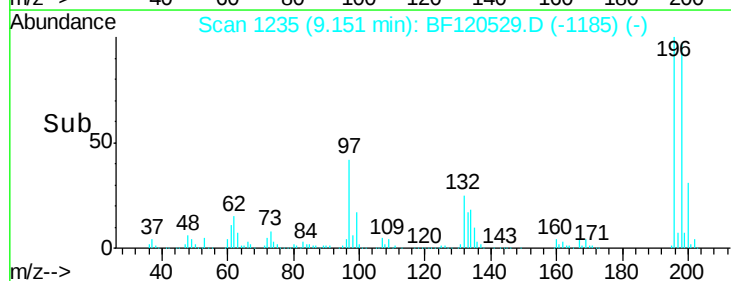
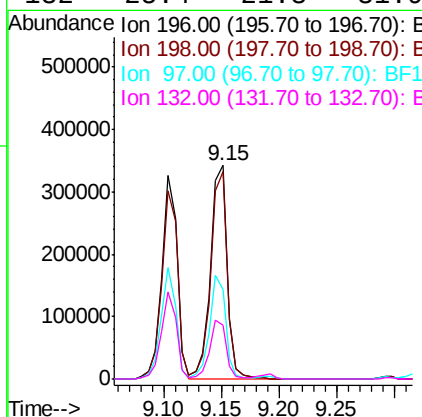
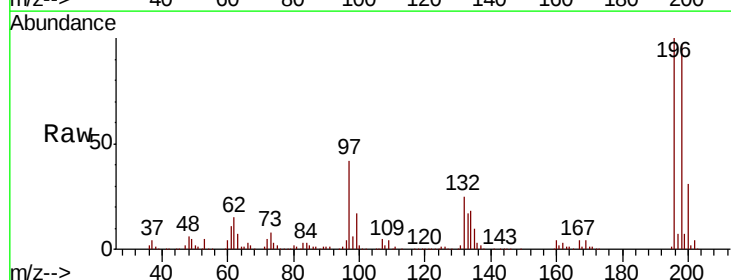
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

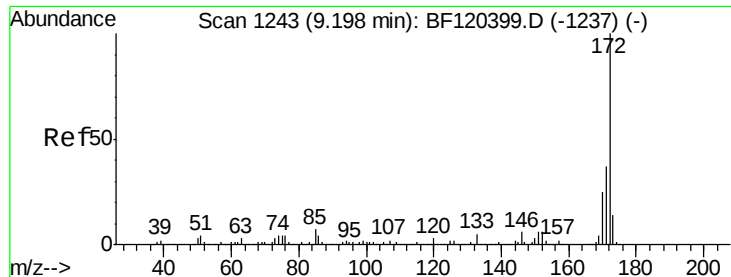
Tot Ion:196 Resp: 301080
 Ion Ratio Lower Upper
 196 100
 198 92.1 76.6 115.0
 200 29.3 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.817 ng
 RT: 9.15 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

Tgt Ion:196 Resp: 344170
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.7 115.1
 97 42.3 36.3 54.5
 132 25.4 21.3 31.9

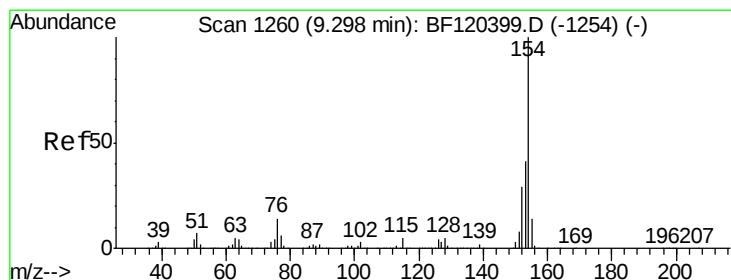
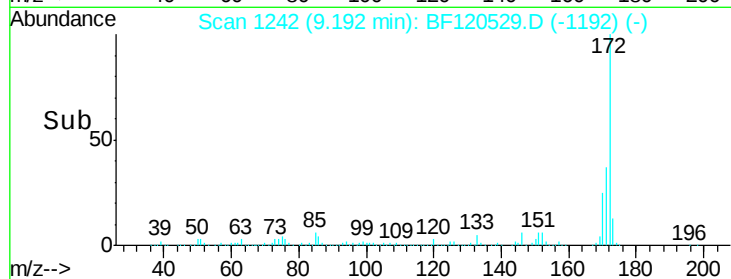
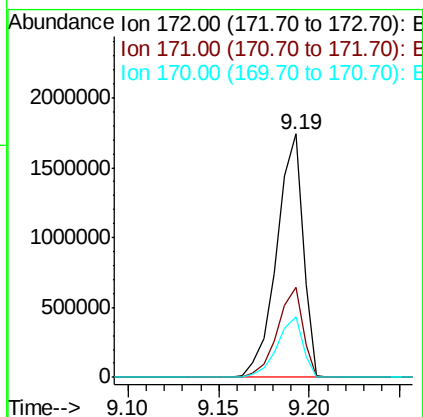
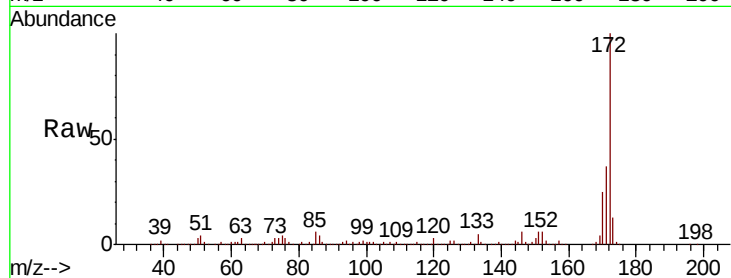




#45
2-Fluorobiphenyl
Concen: 78.277 ng
RT: 9.19 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

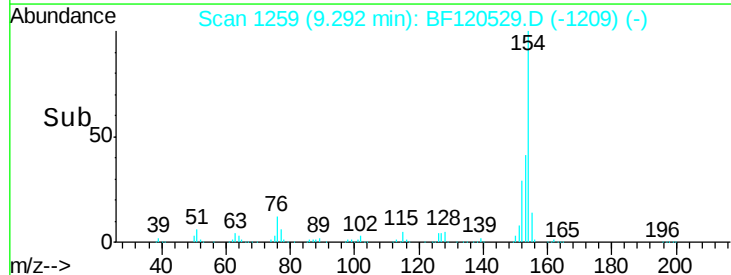
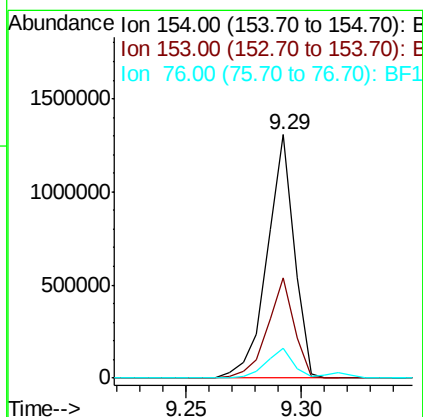
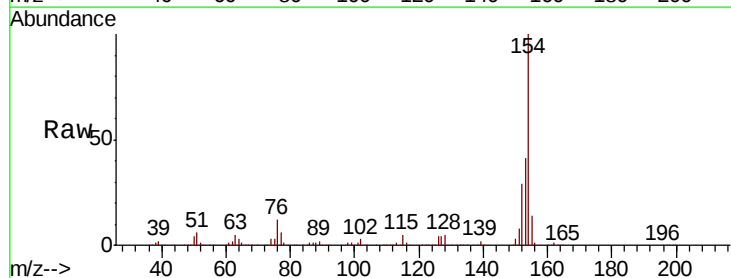
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

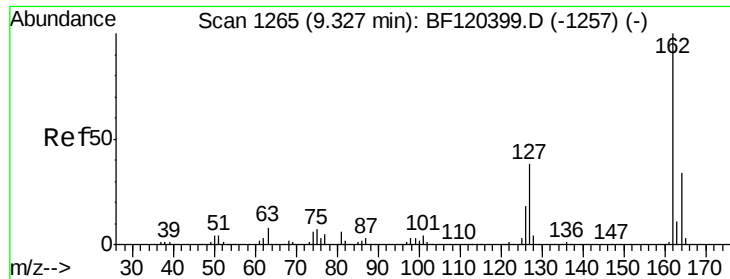
Tot Ion:172 Resp: 1763899
Ion Ratio Lower Upper
172 100
171 36.9 29.2 43.8
170 24.7 20.1 30.1



#46
1,1'-Biphenyl
Concen: 42.416 ng
RT: 9.29 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Tgt Ion:154 Resp: 1065340
Ion Ratio Lower Upper
154 100
153 41.4 21.5 61.5
76 12.3 0.0 33.0

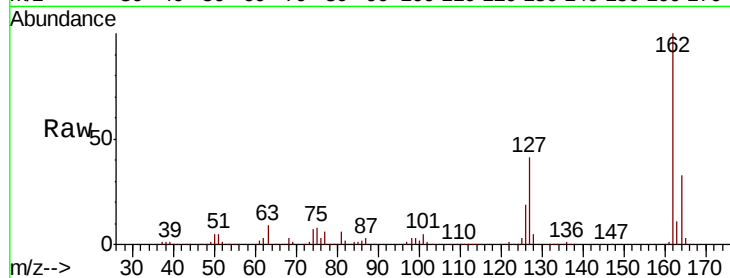




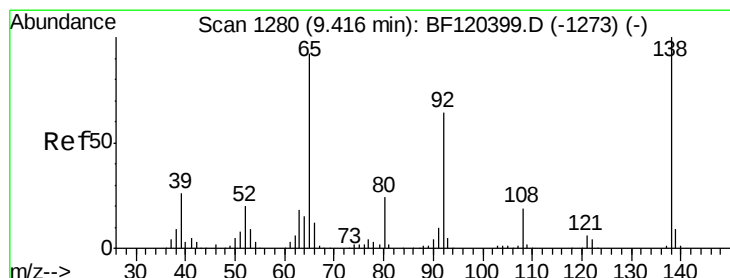
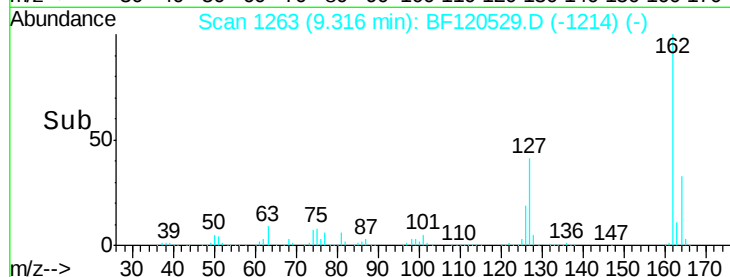
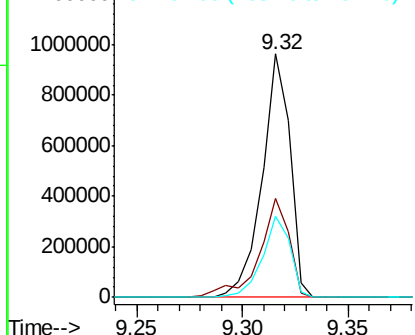
#47
2-Chloronaphthalene
Concen: 42.824 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 885687
Ion Ratio Lower Upper
162 100
127 40.6 31.4 47.2
164 33.5 27.2 40.8

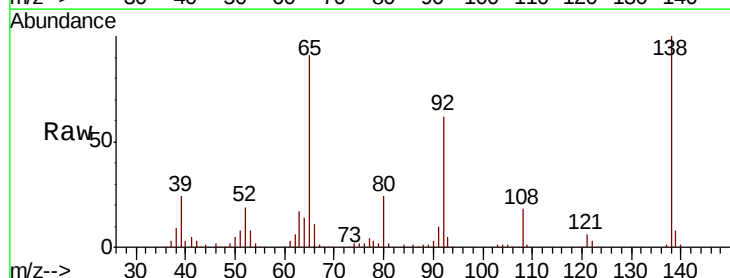


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

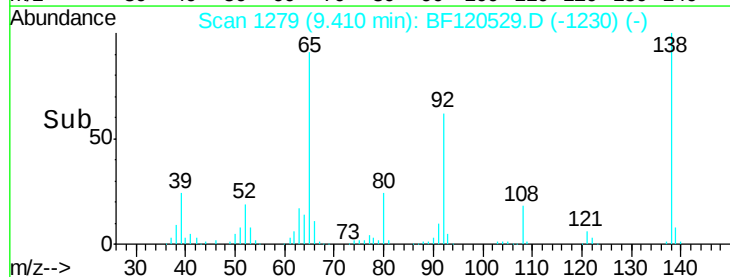
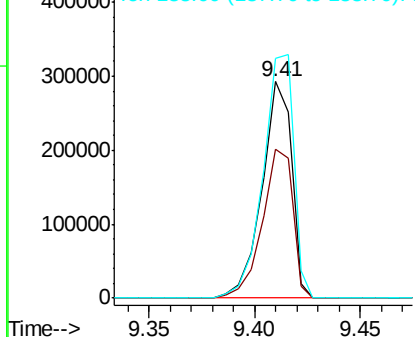


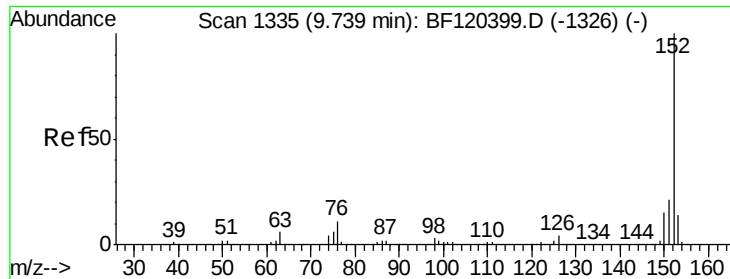
#48
2-Nitroaniline
Concen: 45.482 ng
RT: 9.41 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Tgt Ion: 65 Resp: 286509
Ion Ratio Lower Upper
65 100
92 68.7 58.5 87.7
138 110.4 97.2 145.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.433 ng

RT: 9.73 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

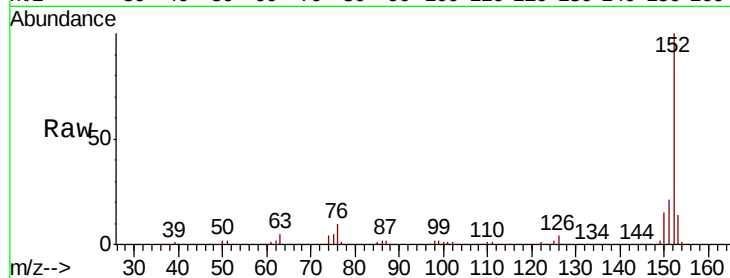
Tot Ion:152 Resp: 1388119

Ion Ratio Lower Upper

152 100

151 20.9 16.5 24.7

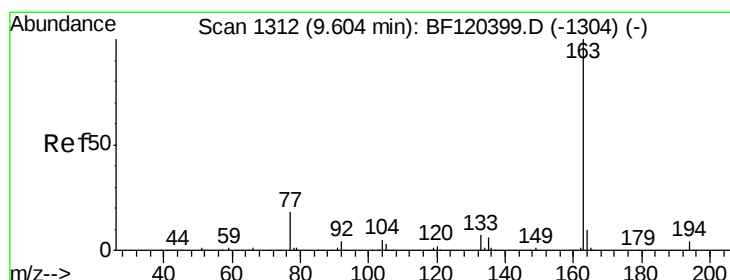
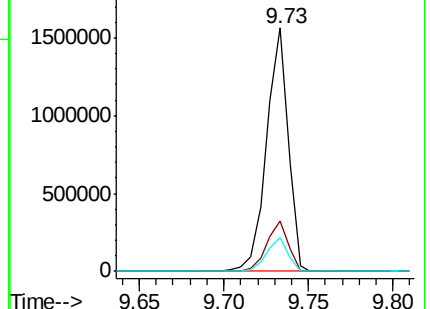
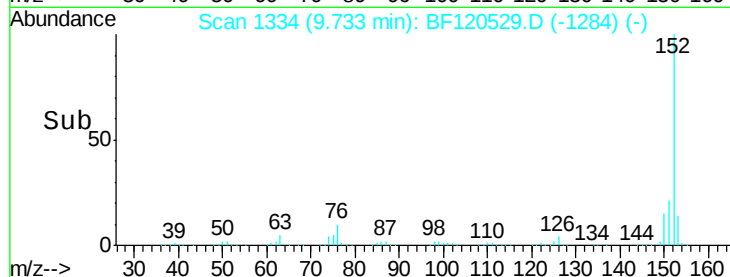
153 13.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.456 ng

RT: 9.60 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

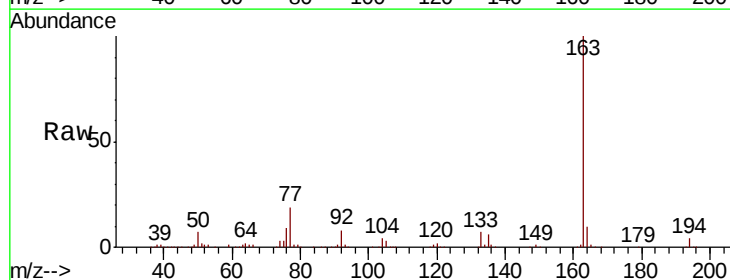
Tgt Ion:163 Resp: 1062615

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

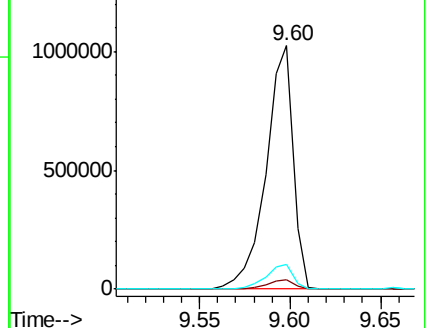
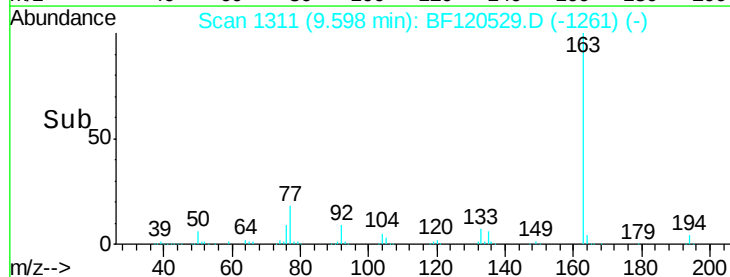
164 10.0 8.2 12.4

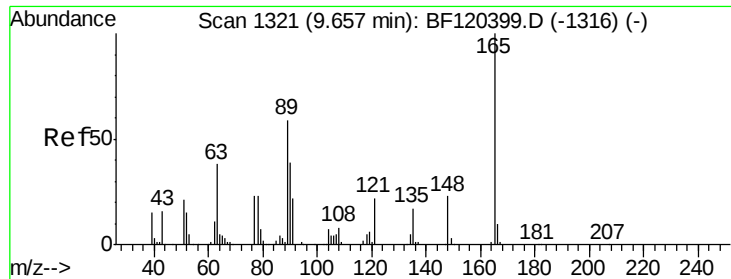


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.341 ng

RT: 9.66 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

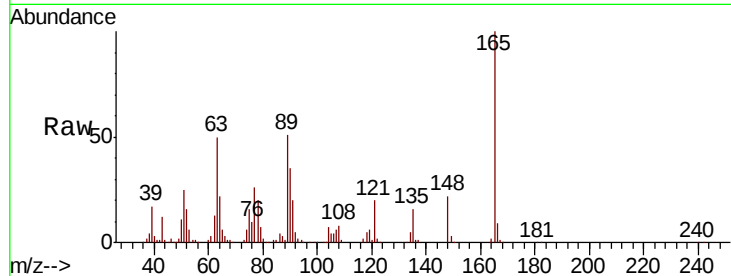
Tot Ion:165 Resp: 240849

Ion Ratio Lower Upper

165 100

63 49.8 43.0 64.6

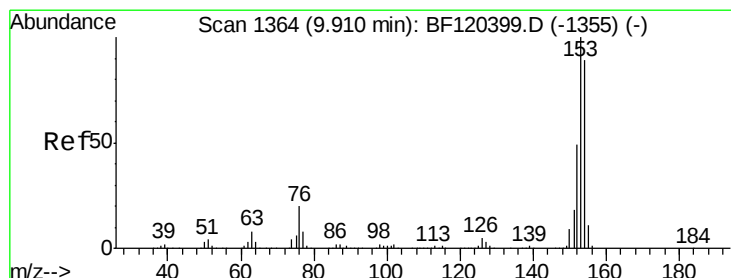
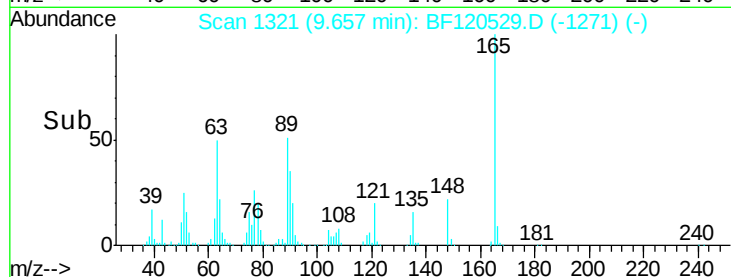
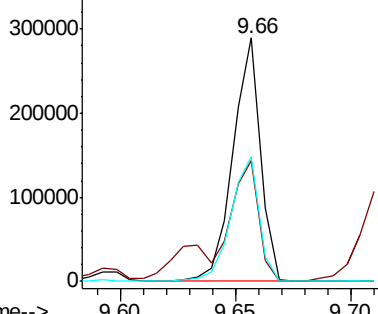
89 51.2 43.8 65.6



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: 40.371 ng

RT: 9.90 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

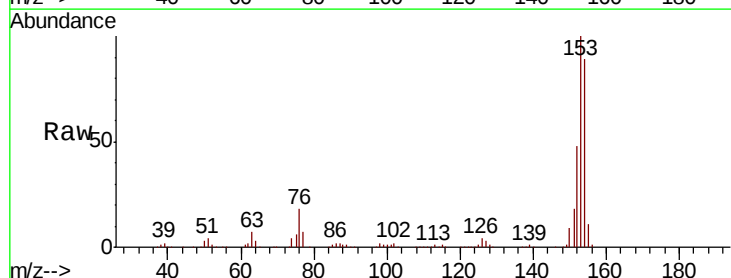
Tgt Ion:154 Resp: 805271

Ion Ratio Lower Upper

154 100

153 112.6 89.8 134.8

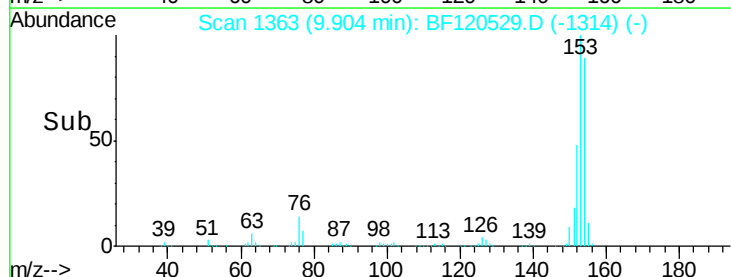
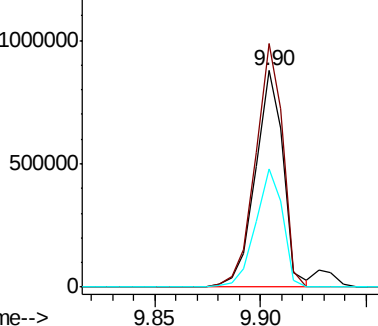
152 54.6 43.8 65.6

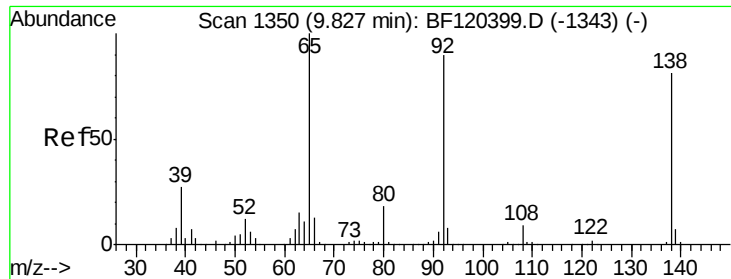


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

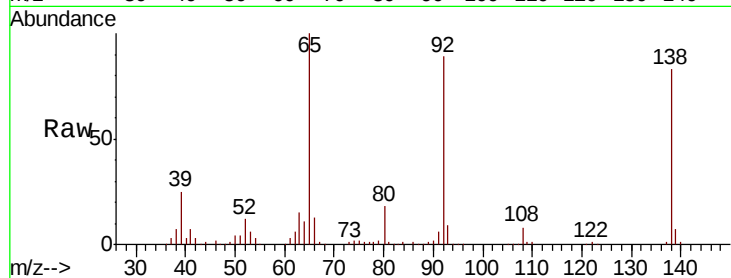




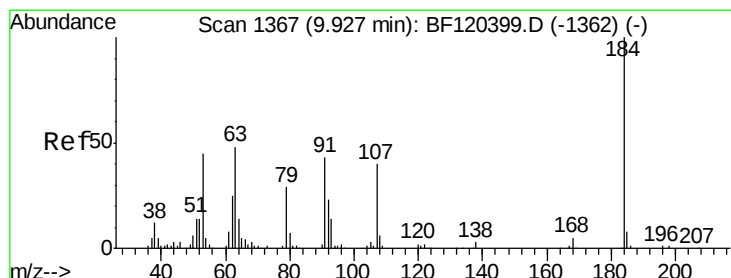
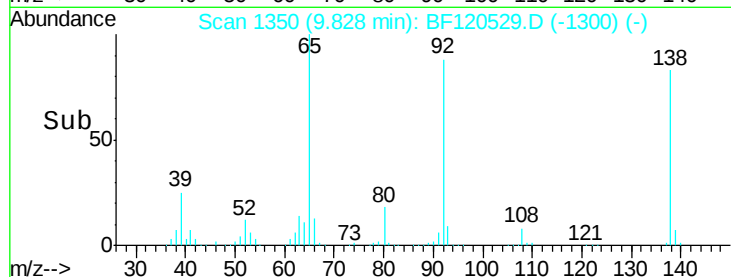
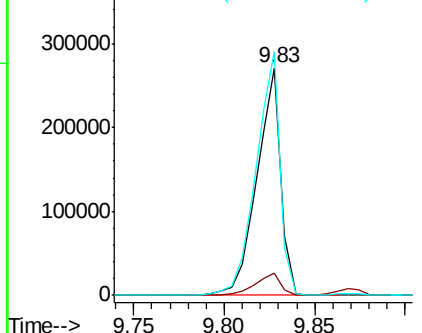
#53
 3-Nitroaniline
 Concen: 39.663 ng
 RT: 9.83 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:138 Resp: 247406
 Ion Ratio Lower Upper
 138 100
 108 10.0 7.9 11.9
 92 107.2 86.4 129.6

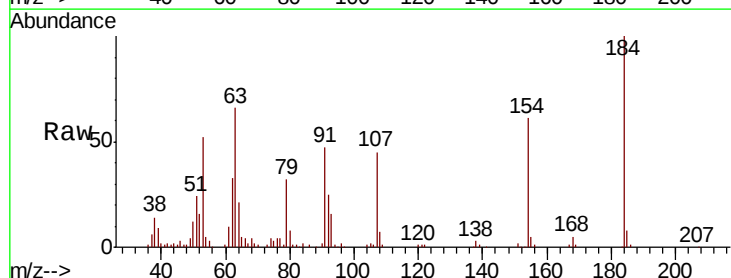


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

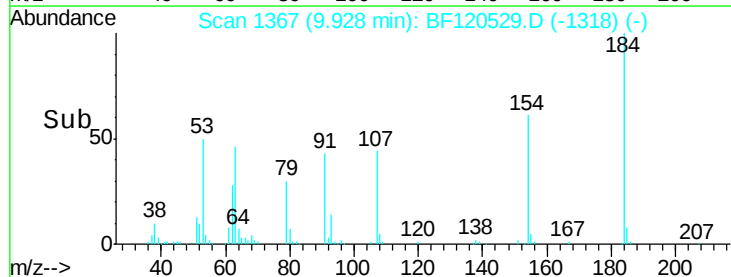
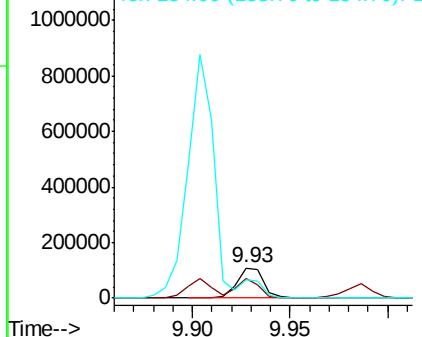


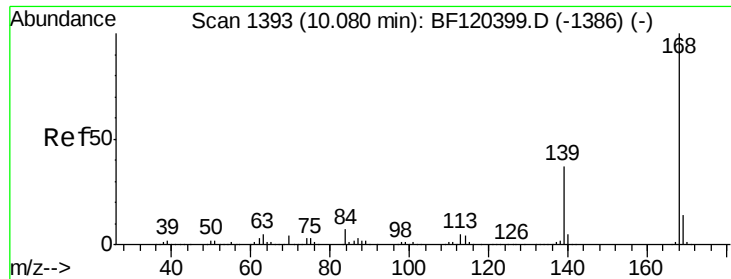
#54
 2,4-Dinitrophenol
 Concen: 52.561 ng
 RT: 9.93 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

Tgt Ion:184 Resp: 106270
 Ion Ratio Lower Upper
 184 100
 63 65.8 42.0 63.0#
 154 61.4 44.5 66.7



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

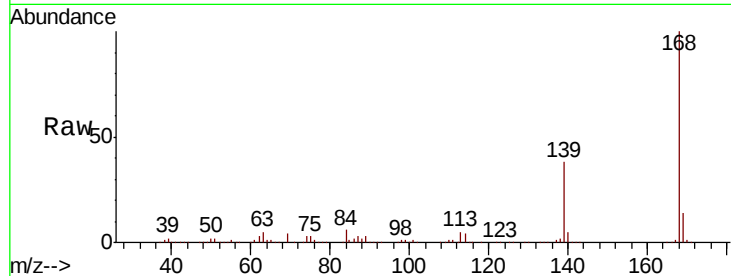




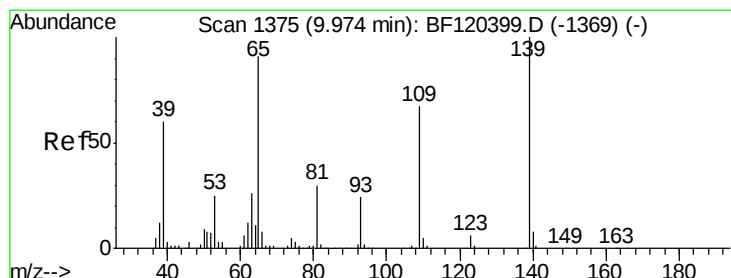
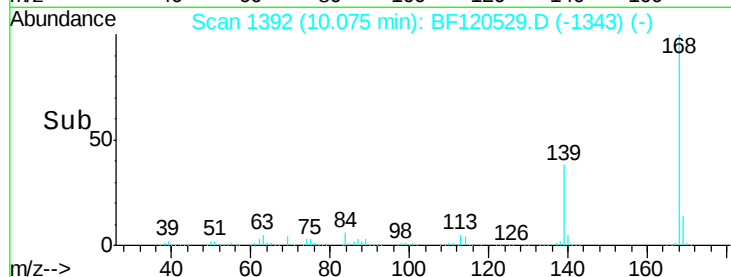
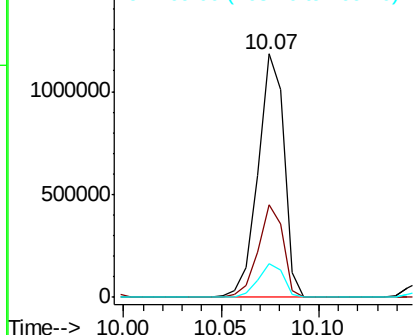
#55
Dibenzenofuran
Concen: 37.704 ng
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1092893
Ion Ratio Lower Upper
168 100
139 38.1 29.0 43.4
169 13.8 11.0 16.4

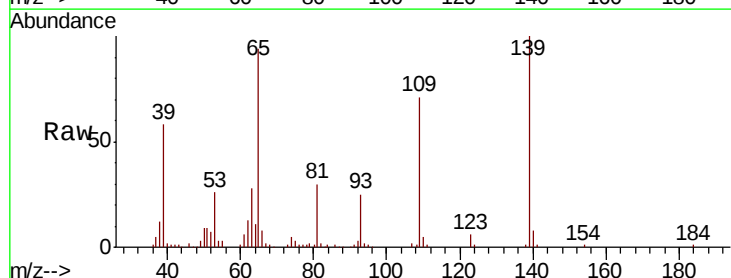


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

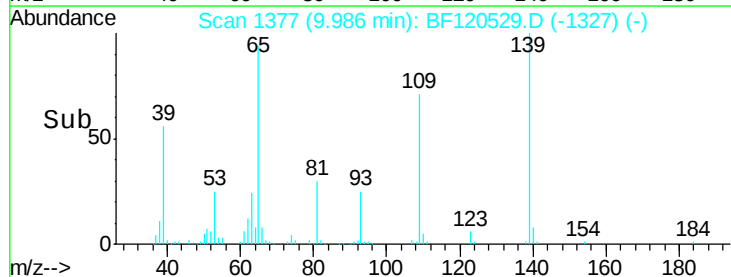
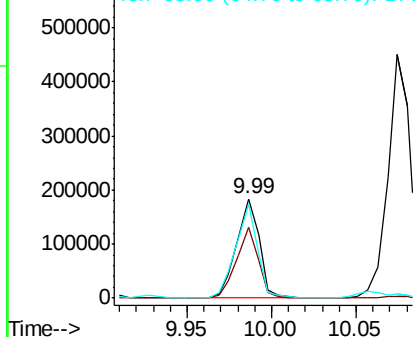


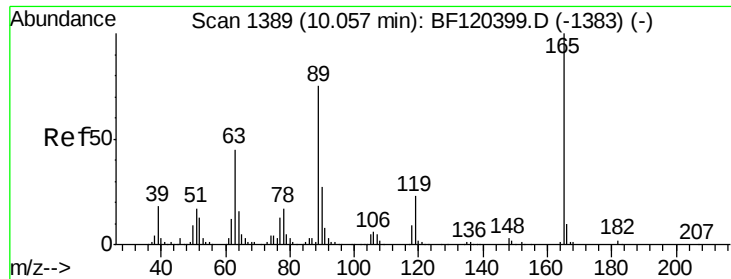
#56
4-Nitrophenol
Concen: 36.622 ng
RT: 9.99 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Tgt Ion:139 Resp: 174890
Ion Ratio Lower Upper
139 100
109 70.9 47.8 87.8
65 94.3 72.0 112.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

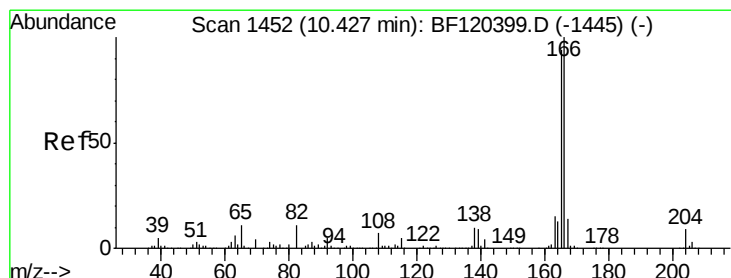
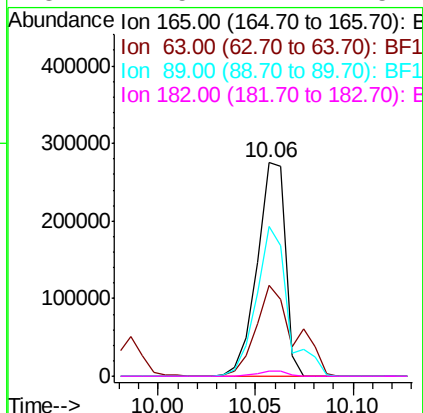
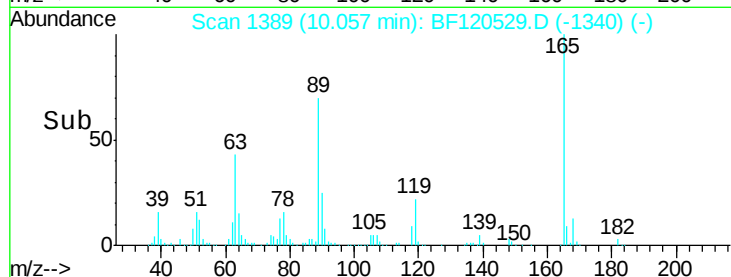
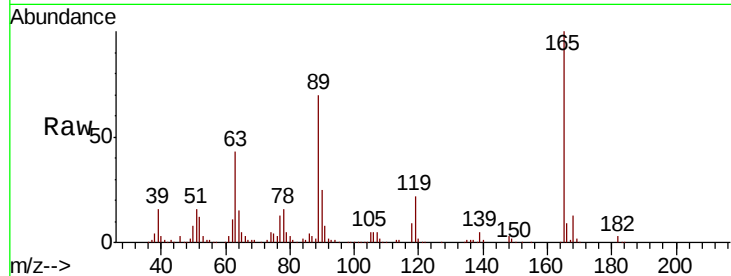




#57
2,4-Dinitrotoluene
Concen: 40.711 ng
RT: 10.06 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

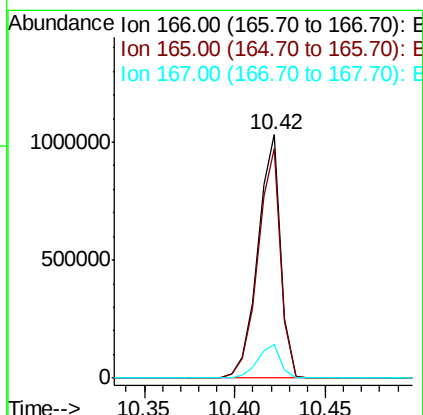
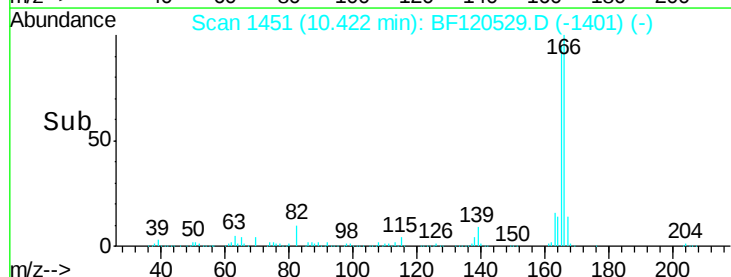
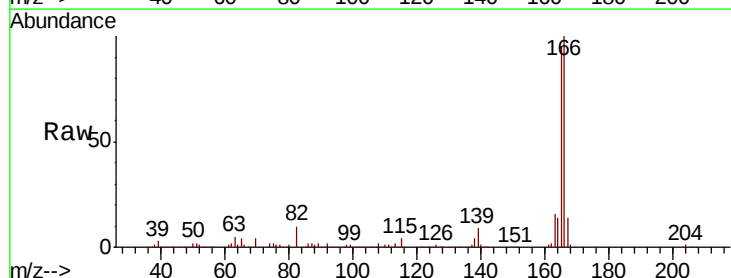
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

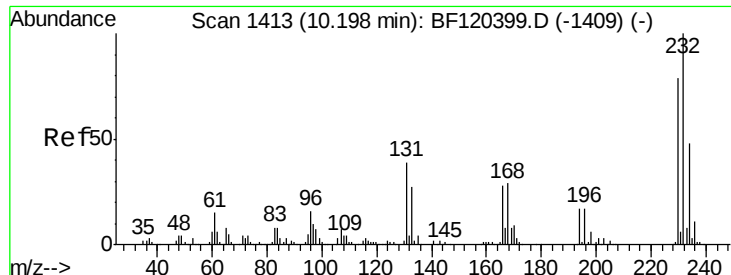
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.6	33.4	50.0
89	70.3	54.7	82.1
182	2.5	2.1	3.1



#58
Fluorene
Concen: 41.295 ng
RT: 10.42 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.5	75.8	113.8
167	13.6	11.1	16.7

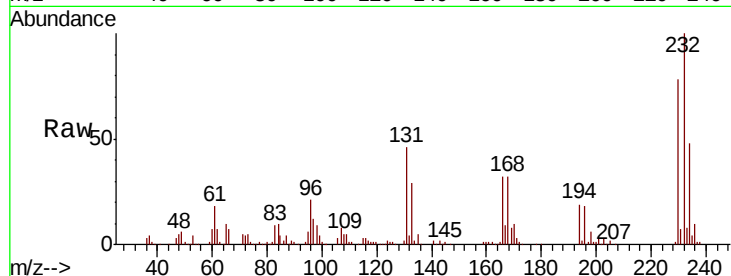




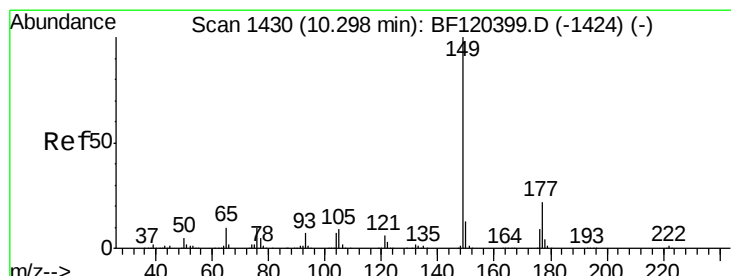
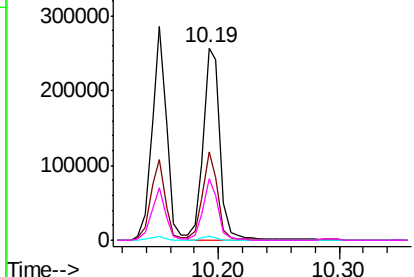
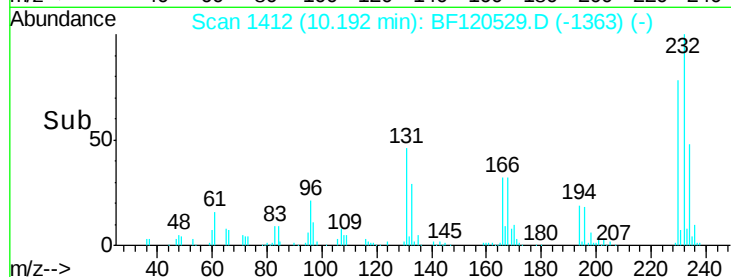
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.502 ng
RT: 10.19 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:232 Resp: 247428
Ion Ratio Lower Upper
232 100
131 42.1 34.2 51.2
130 2.0 1.7 2.5
166 29.5 23.4 35.0

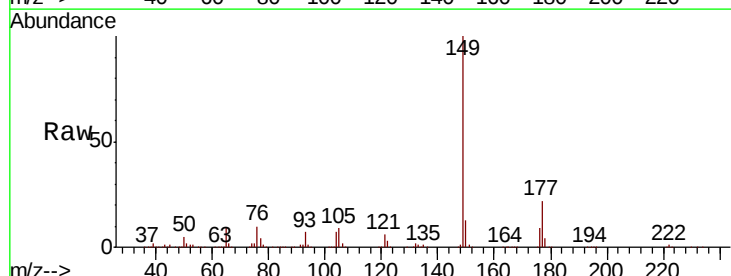


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

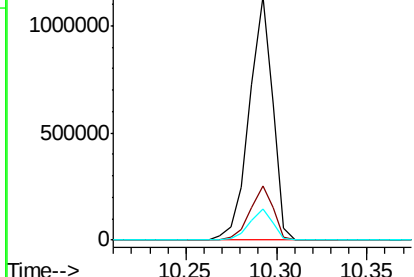
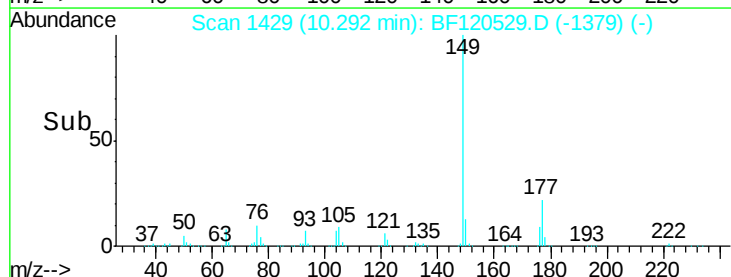


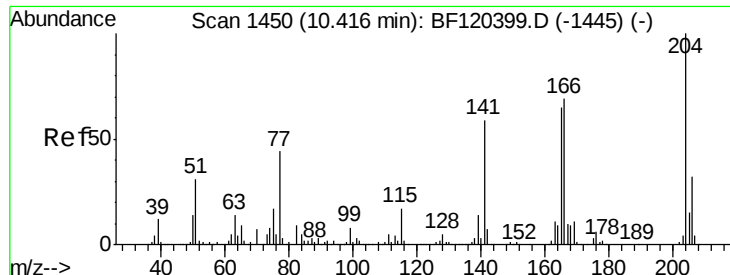
#60
Diethylphthalate
Concen: 42.067 ng
RT: 10.29 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Tgt Ion:149 Resp: 1016102
Ion Ratio Lower Upper
149 100
177 22.2 17.7 26.5
150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

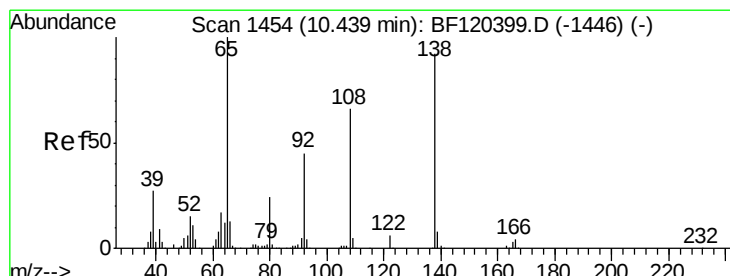
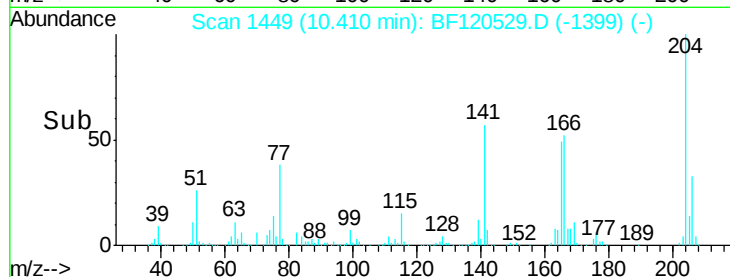
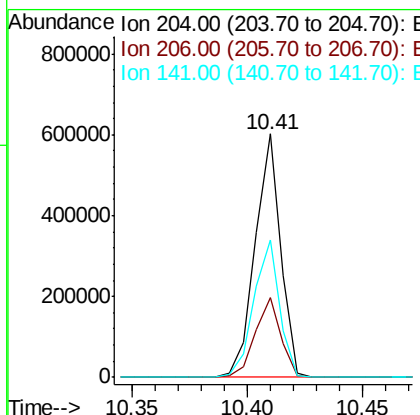
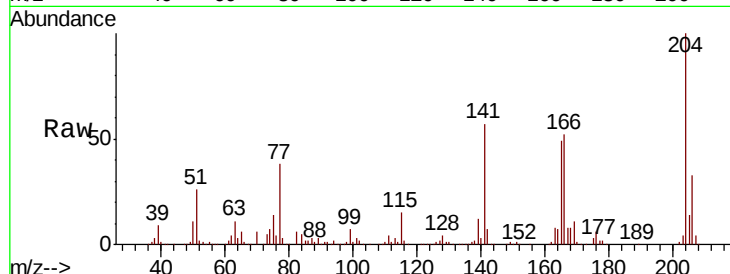




#61
 4-Chlorophenyl-phenylether
 Concen: 39.559 ng
 RT: 10.41 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

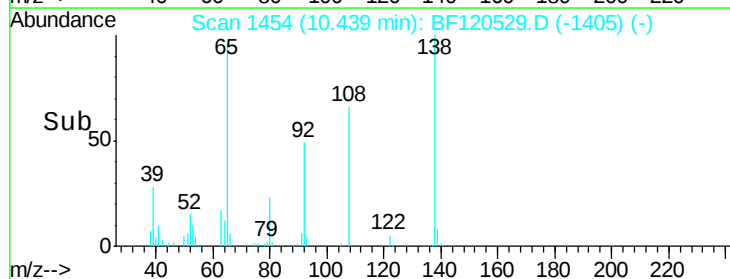
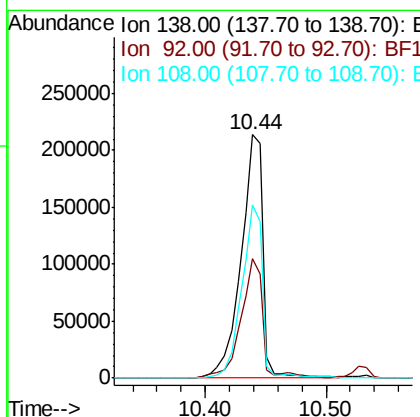
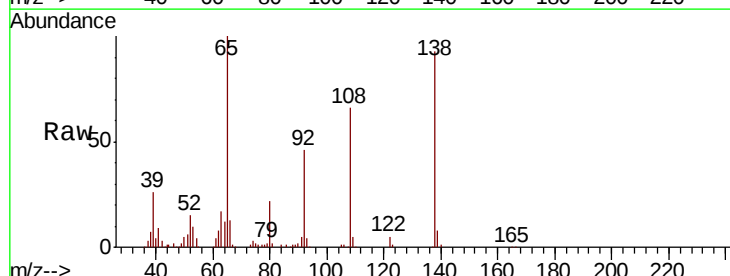
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

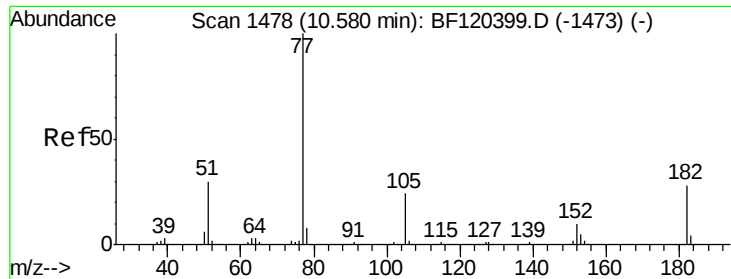
Tot Ion:204 Resp: 466524
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.5 39.7
 141 56.6 48.2 72.2



#62
 4-Nitroaniline
 Concen: 45.935 ng
 RT: 10.44 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

Tgt Ion:138 Resp: 270503
 Ion Ratio Lower Upper
 138 100
 92 49.3 26.7 66.7
 108 70.9 46.5 86.5





#63

Azobenzene

Concen: 41.821 ng

RT: 10.57 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 950169

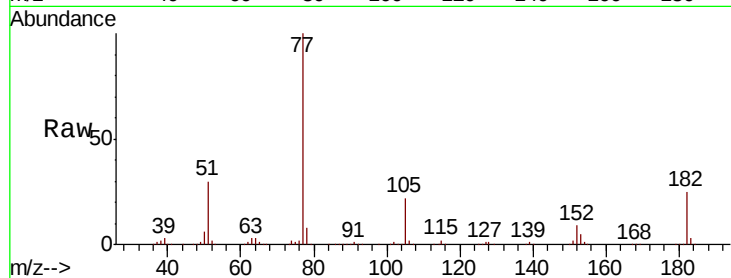
Ion Ratio Lower Upper

77 100

182 24.6 8.6 48.6

105 22.5 3.6 43.6

51 30.0 10.1 50.1

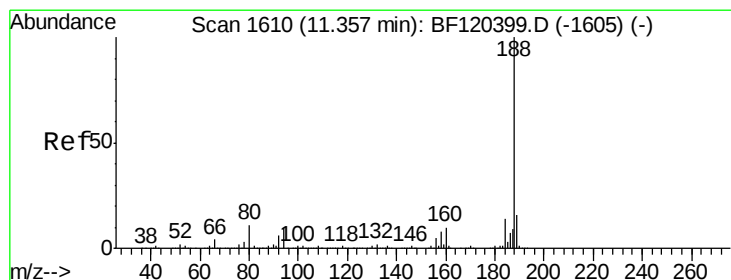
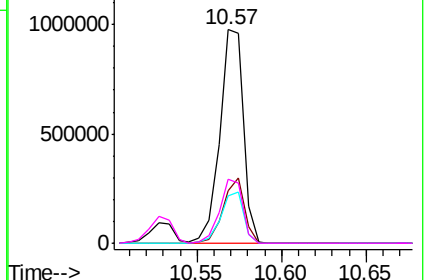
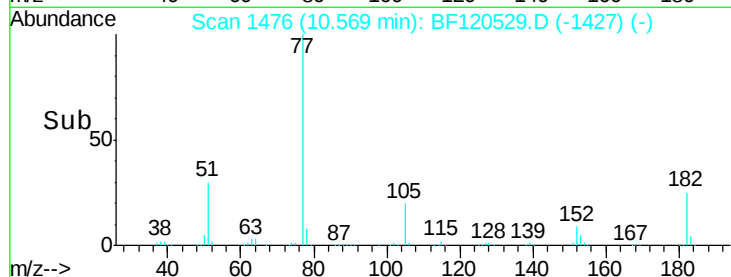


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

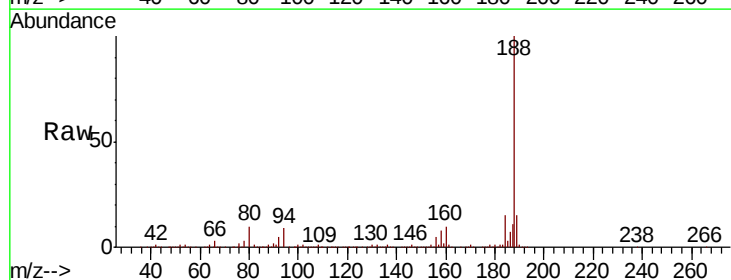
Tgt Ion: 188 Resp: 821366

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

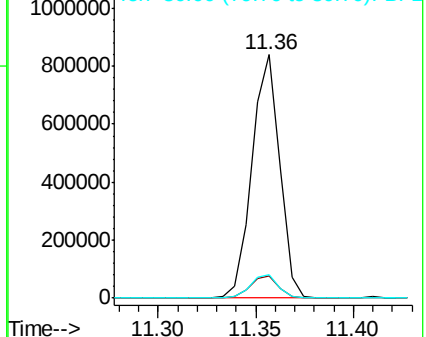
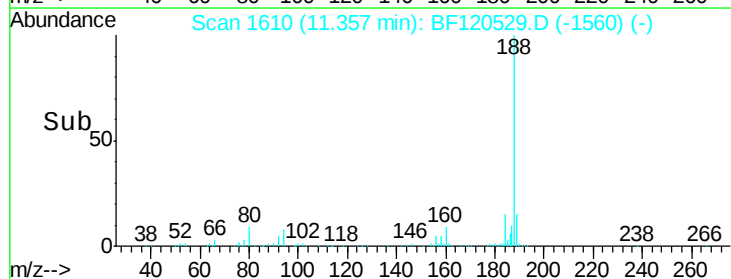
80 9.5 7.9 11.9

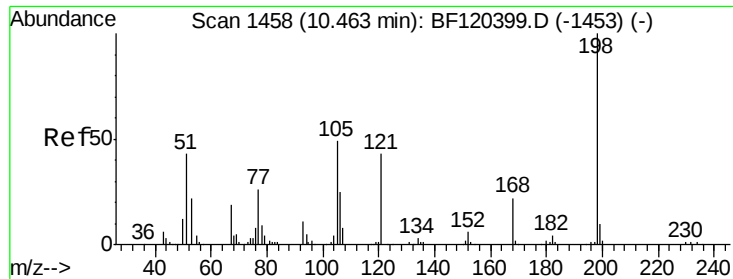


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

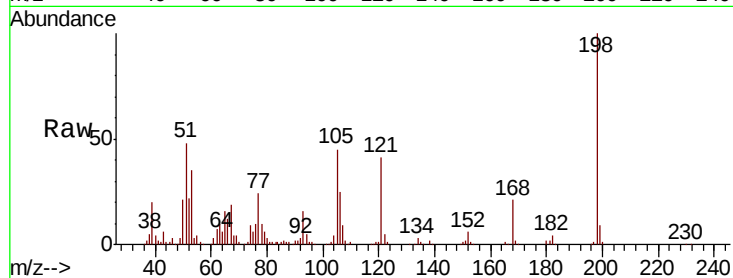




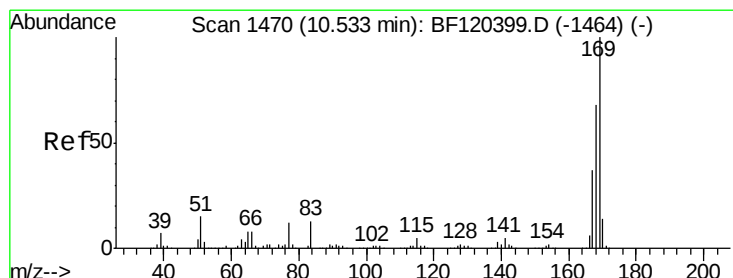
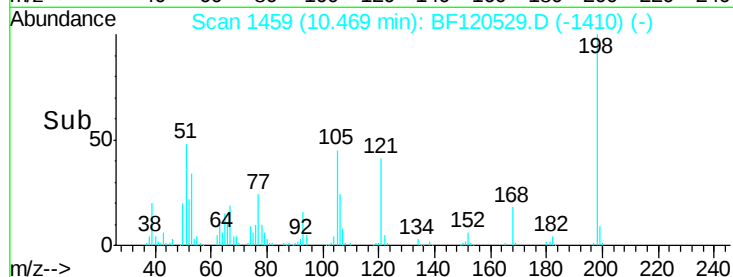
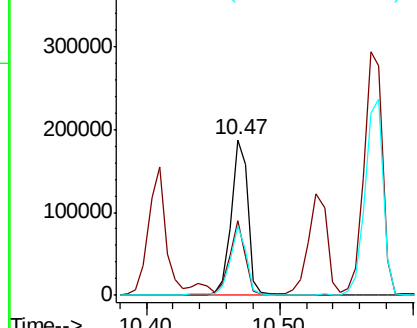
#65
4,6-Dinitro-2-methylphenol
Concen: 56.229 ng
RT: 10.47 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 168456
Ion Ratio Lower Upper
198 100
51 47.9 17.0 57.0
105 44.8 19.3 59.3

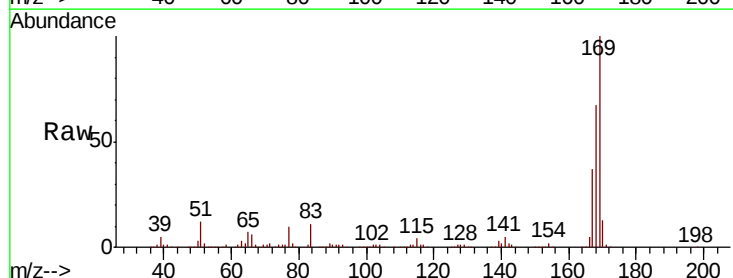


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

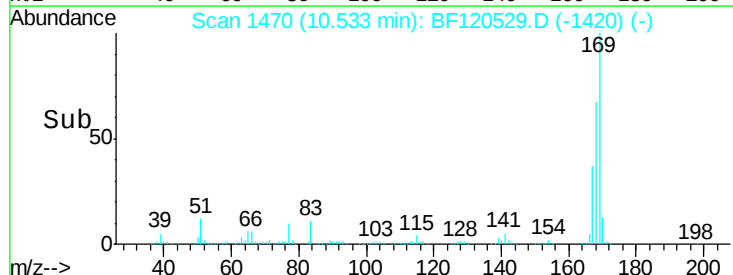
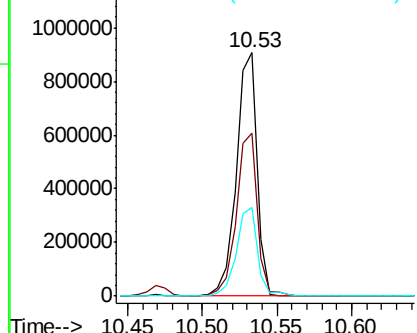


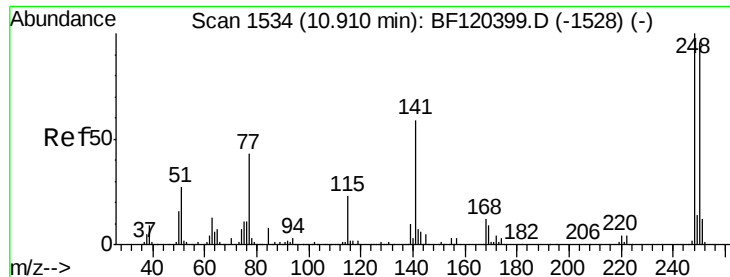
#66
n-Nitrosodiphenylamine
Concen: 38.804 ng
RT: 10.53 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Tgt Ion:169 Resp: 885353
Ion Ratio Lower Upper
169 100
168 66.7 54.4 81.6
167 36.5 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

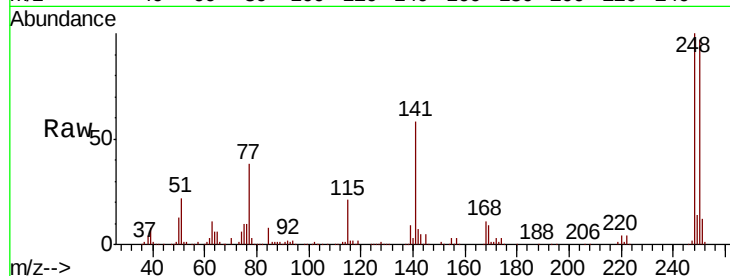




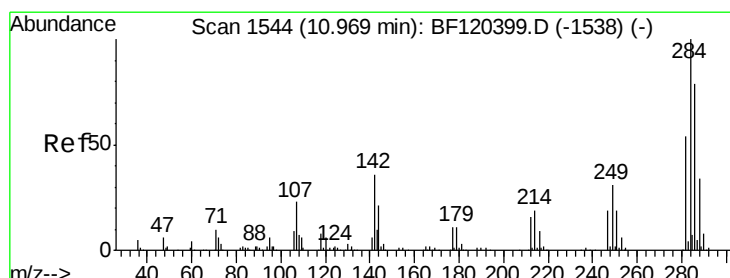
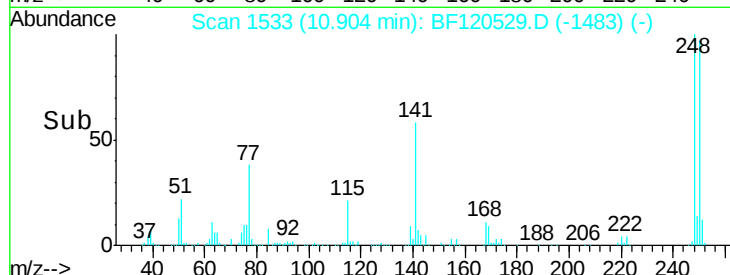
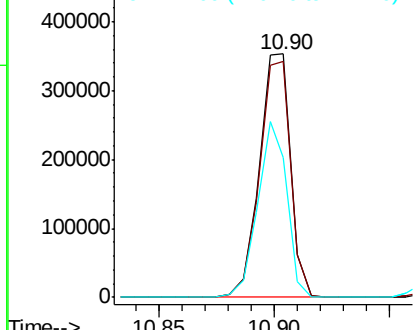
#67
 4-Bromophenyl-phenylether
 Concen: 40.293 ng
 RT: 10.90 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 334073
 Ion Ratio Lower Upper
 248 100
 250 96.7 78.0 117.0
 141 57.6 50.3 75.5

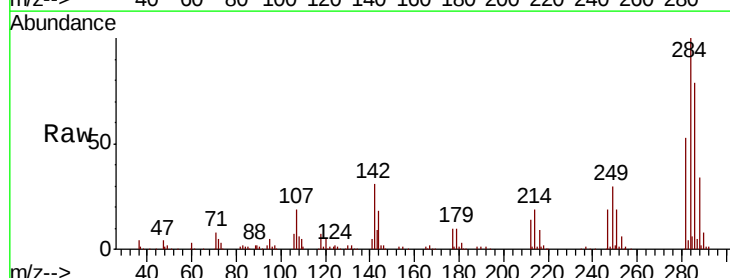


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

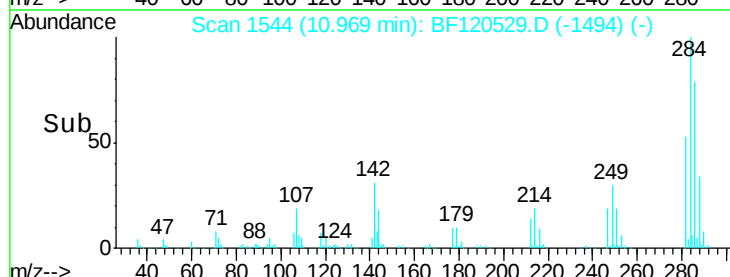
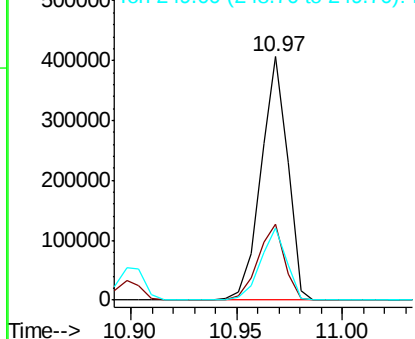


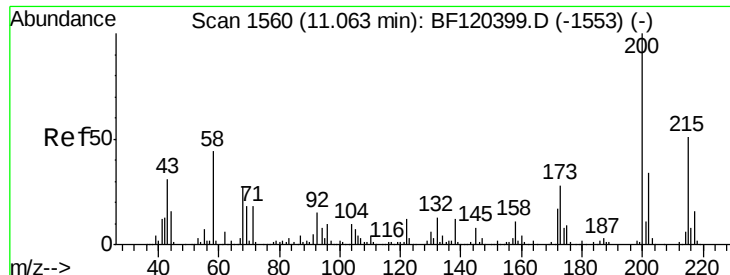
#68
 Hexachlorobenzene
 Concen: 40.305 ng
 RT: 10.97 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

Tgt Ion:284 Resp: 355871
 Ion Ratio Lower Upper
 284 100
 142 31.1 25.7 38.5
 249 29.7 23.5 35.3



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: 40.489 ng

RT: 11.06 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

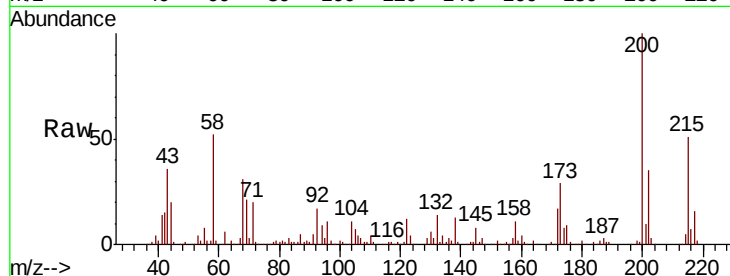
Tot Ion:200 Resp: 260379

Ion Ratio Lower Upper

200 100

173 28.8 8.7 48.7

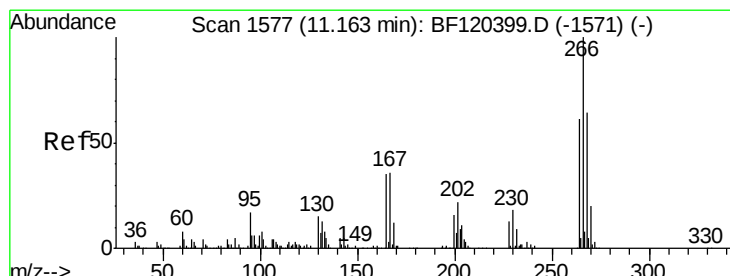
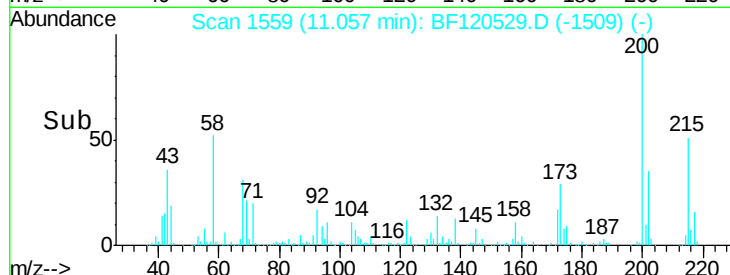
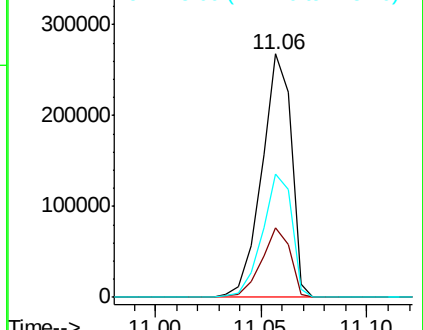
215 50.5 29.0 69.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 37.600 ng

RT: 11.16 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

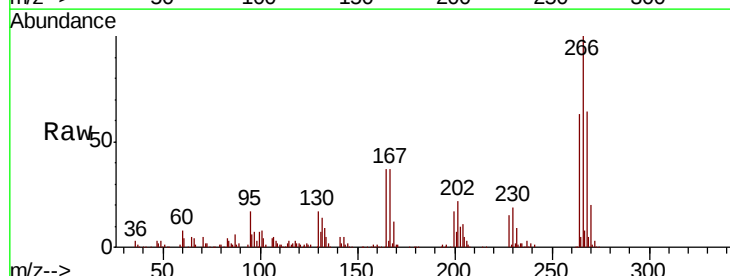
Tgt Ion:266 Resp: 202983

Ion Ratio Lower Upper

266 100

268 64.1 51.8 77.8

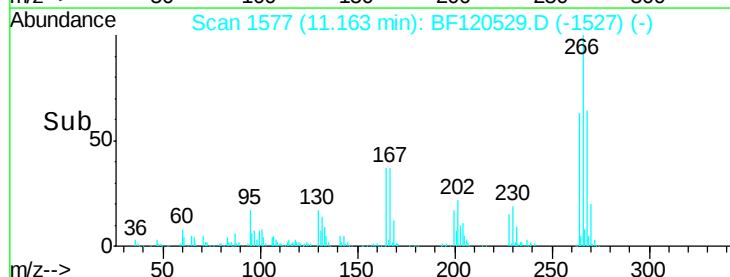
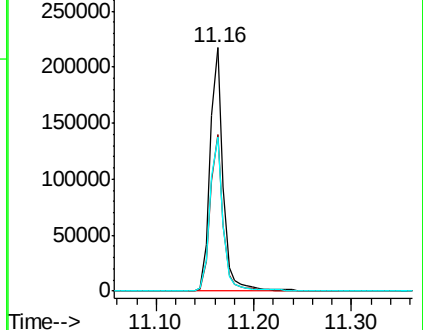
264 63.5 51.0 76.6

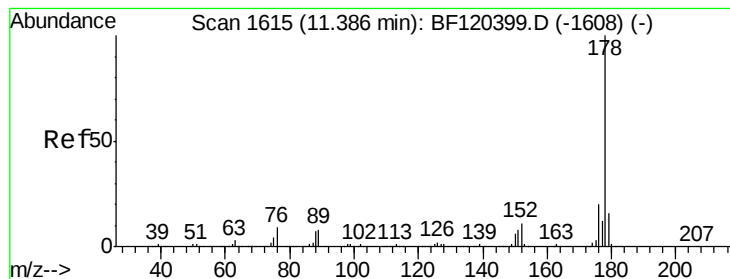


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.235 ng

RT: 11.38 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

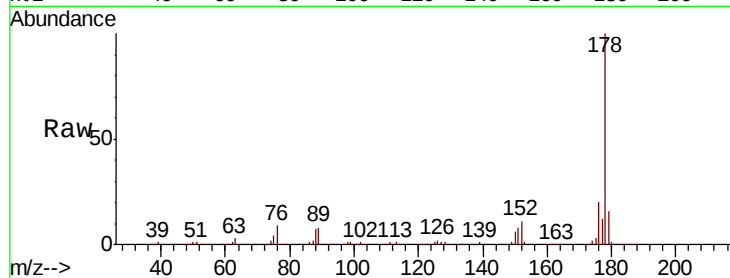
Tot Ion:178 Resp: 1456194

Ion Ratio Lower Upper

178 100

176 20.2 16.6 24.8

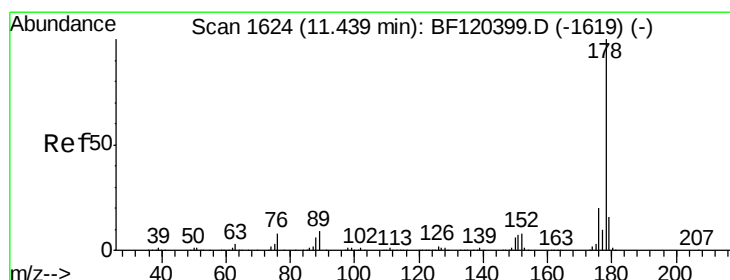
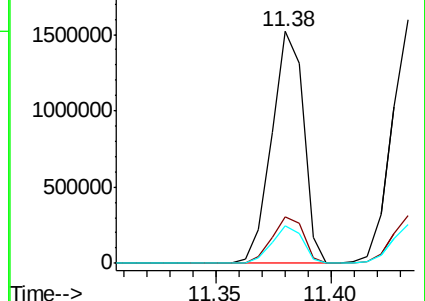
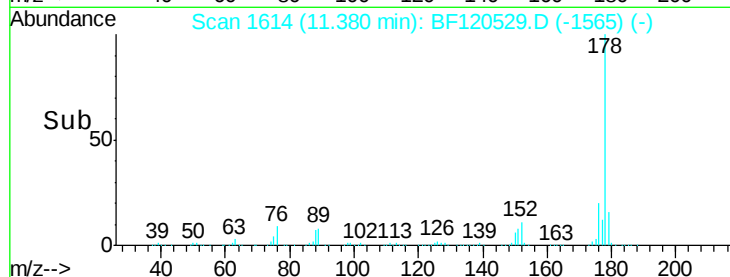
179 16.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.660 ng

RT: 11.43 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

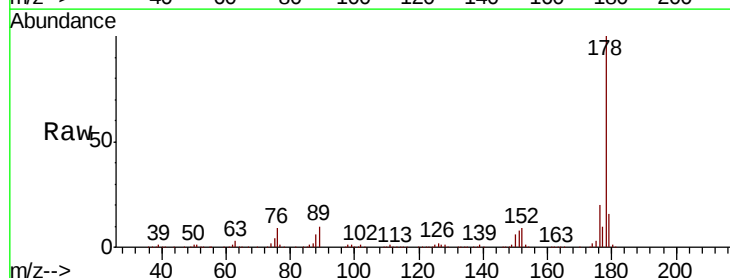
Tgt Ion:178 Resp: 1476480

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

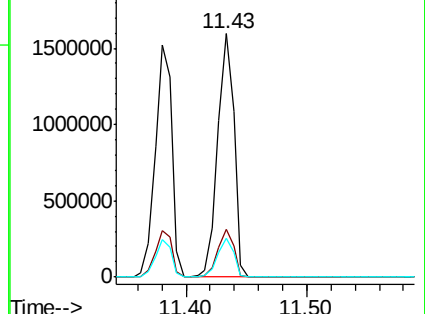
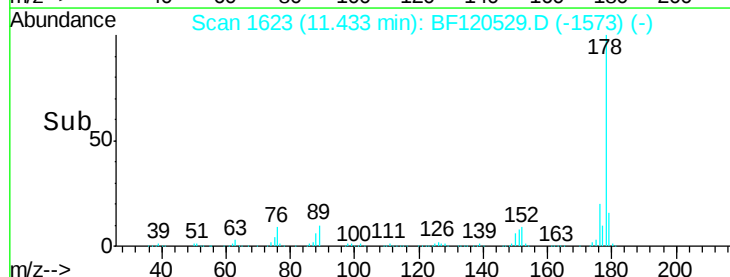
179 16.1 13.1 19.7

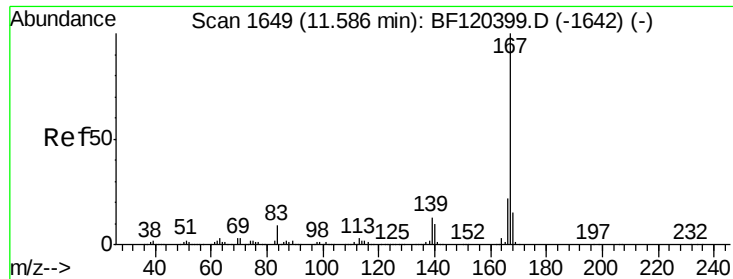


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



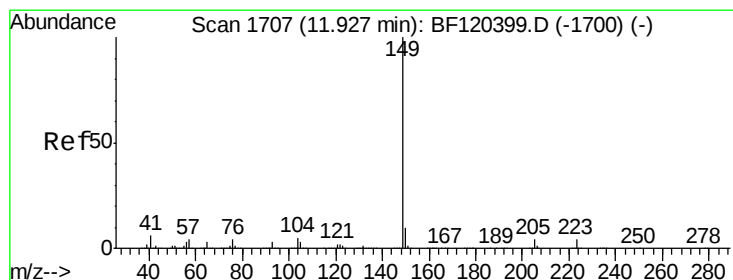
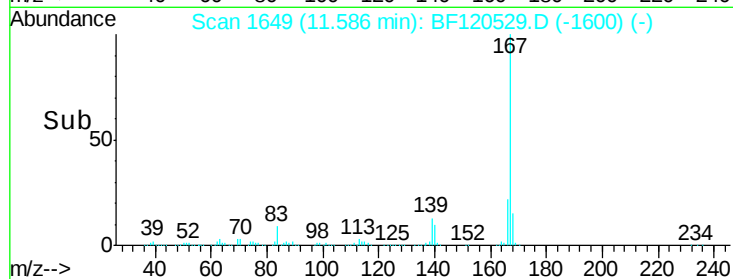
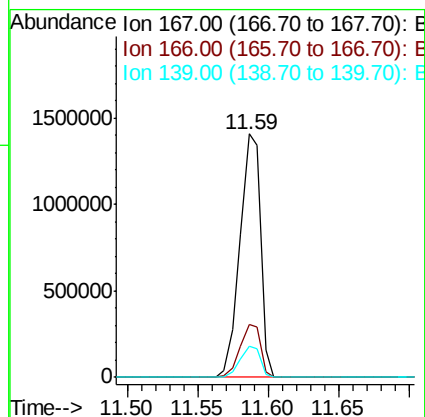
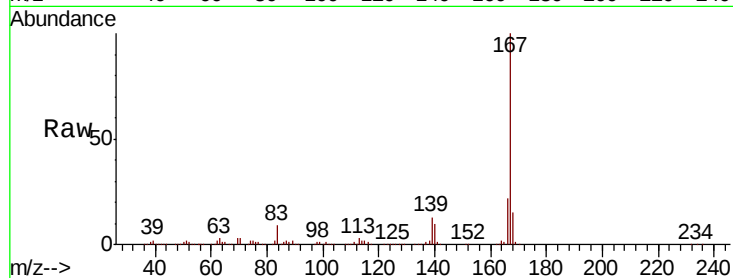


#73
 Carbazole
 Concen: 40.867 ng
 RT: 11.59 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1435357

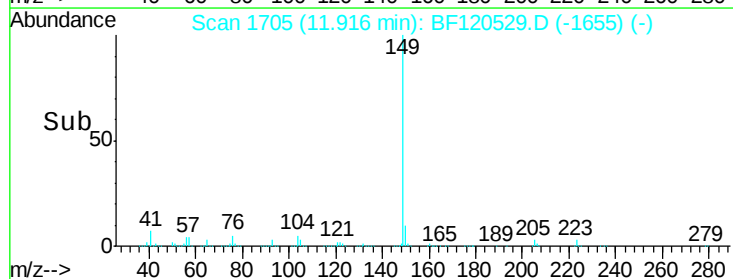
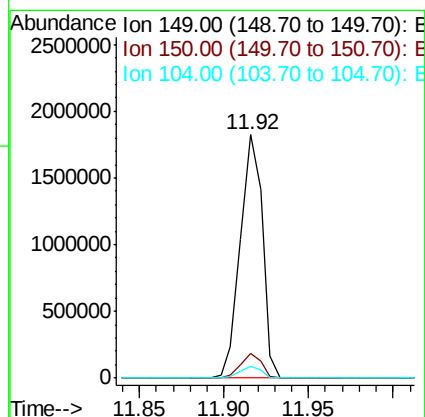
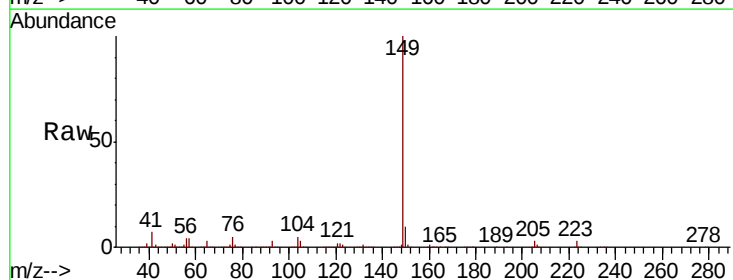
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.8
139	12.9	10.2	15.2

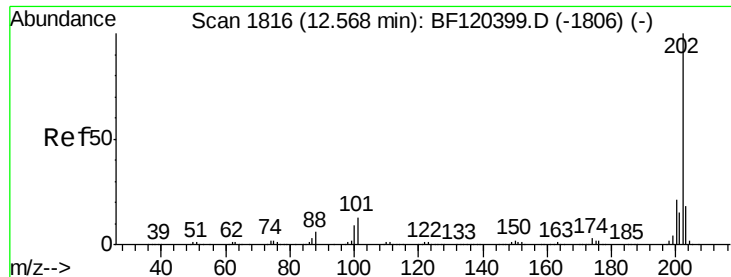


#74
 Di-n-butylphthalate
 Concen: 40.537 ng
 RT: 11.92 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

Tgt Ion:149 Resp: 1656199

Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.0	12.0
104	4.9	4.1	6.1

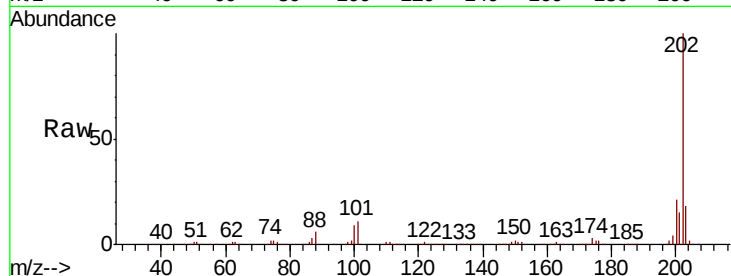




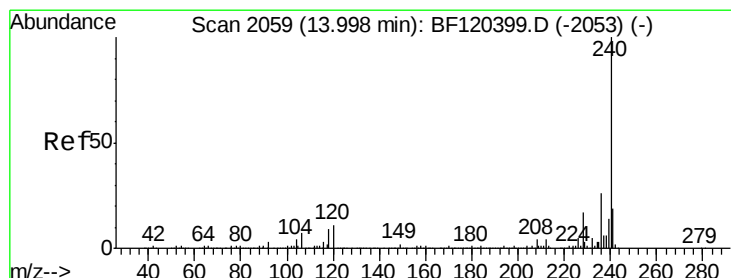
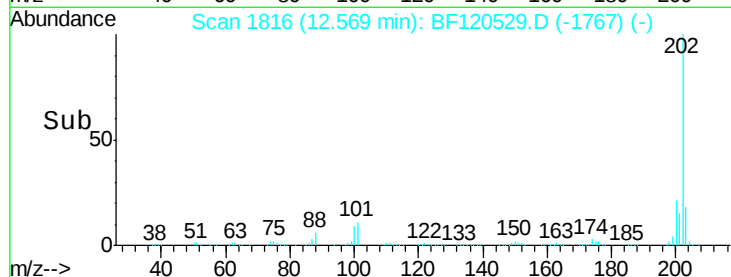
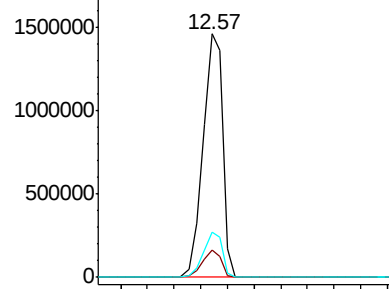
#75
 Fluoranthene
 Concen: 38.866 ng
 RT: 12.57 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion:202 Resp: 1513539
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 30.4
 203 18.4 0.0 38.2

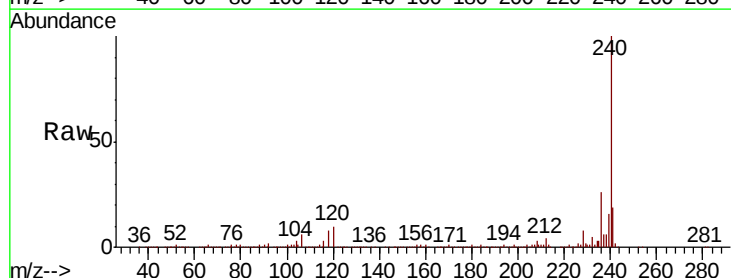


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

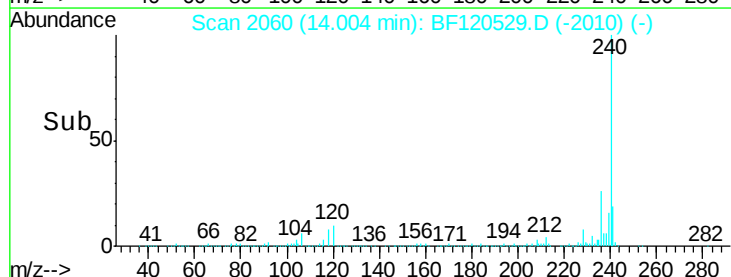
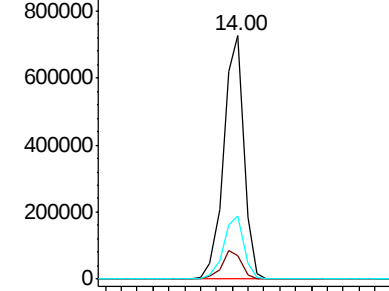


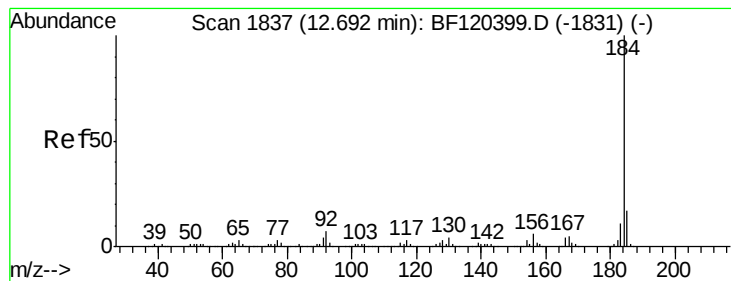
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

Tgt Ion:240 Resp: 640952
 Ion Ratio Lower Upper
 240 100
 120 9.6 7.9 11.9
 236 26.0 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E
 1000000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.116 ng

RT: 12.69 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

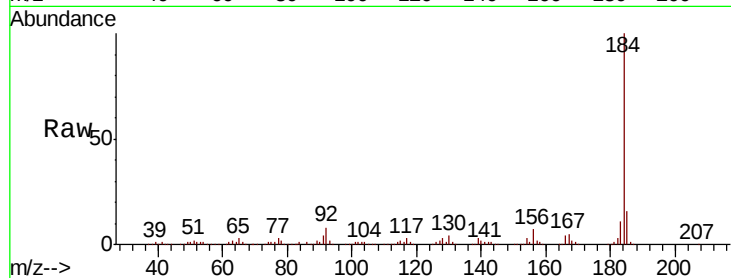
Tot Ion:184 Resp: 524024

Ion Ratio Lower Upper

184 100

185 15.8 13.2 19.8

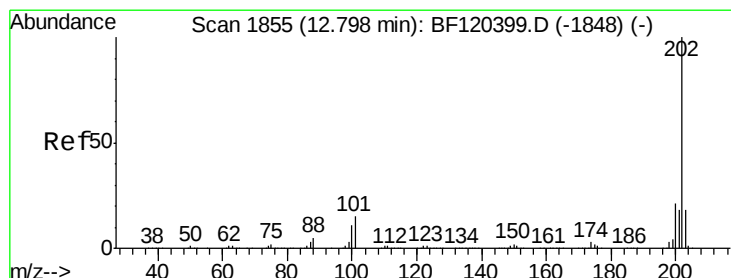
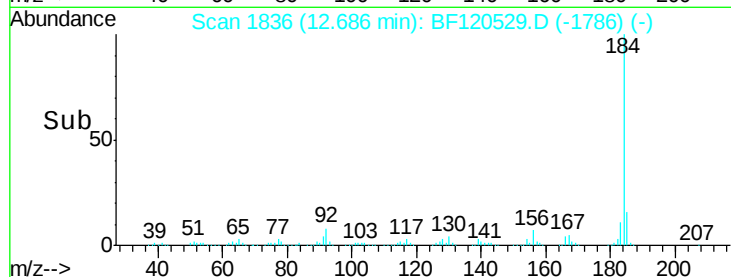
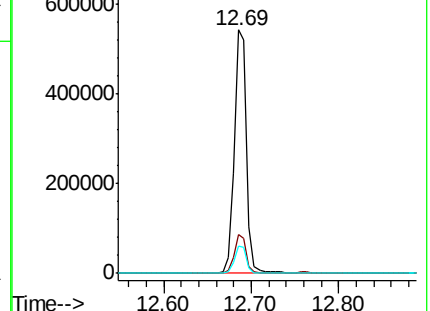
183 11.1 9.1 13.7



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: 34.057 ng

RT: 12.80 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

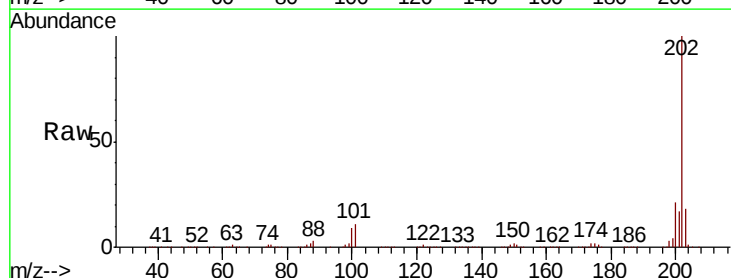
Tgt Ion:202 Resp: 1518090

Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

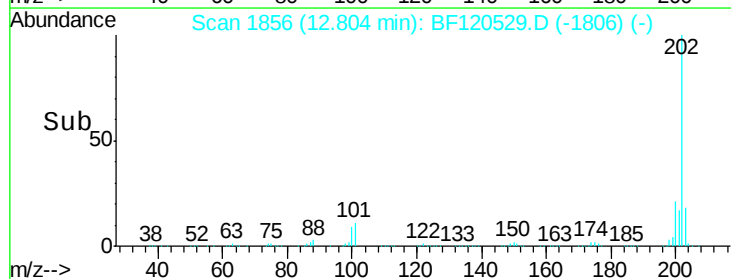
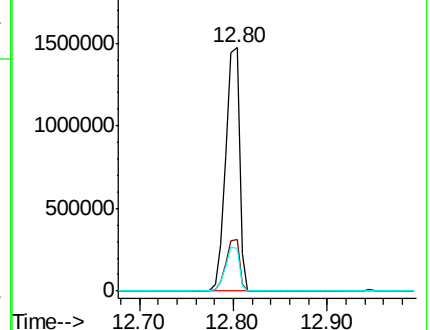
203 17.7 14.5 21.7

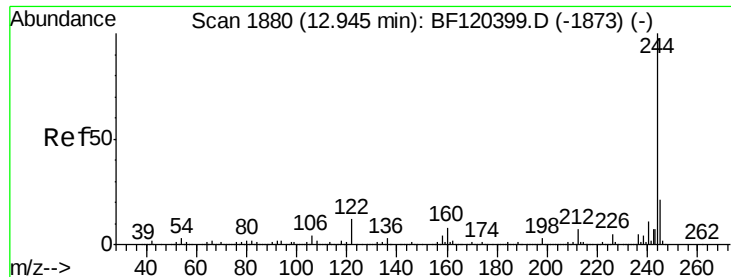


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

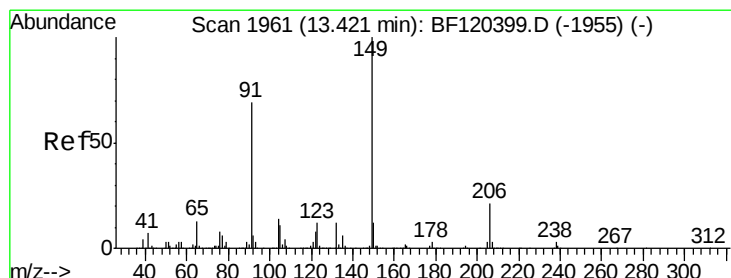
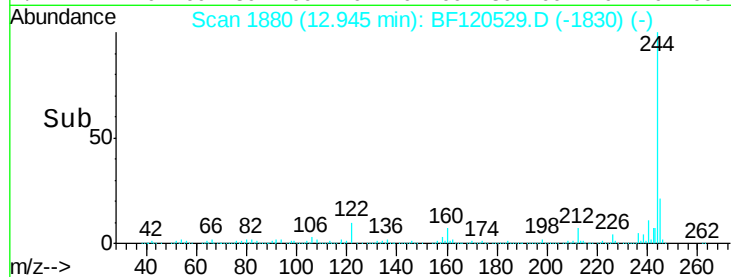
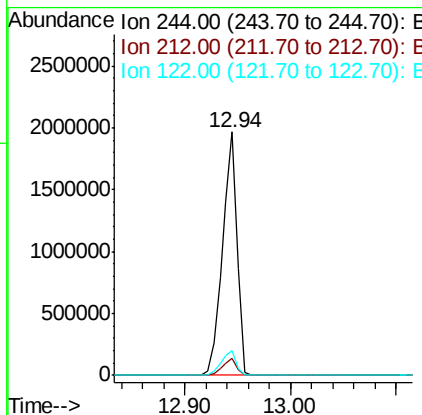
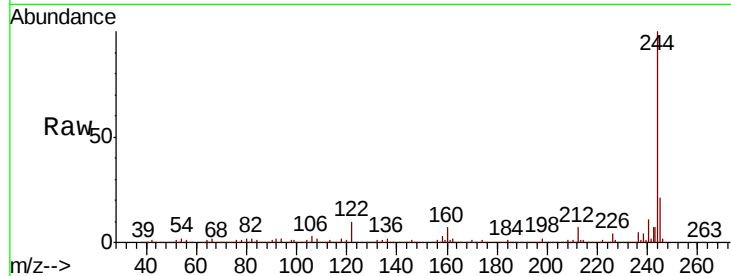




#79
 Terphenyl-d14
 Concen: 65.813 ng
 RT: 12.94 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

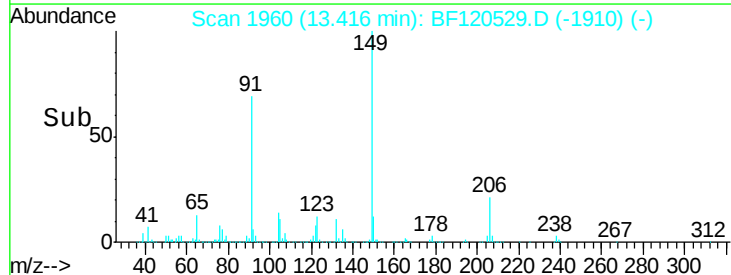
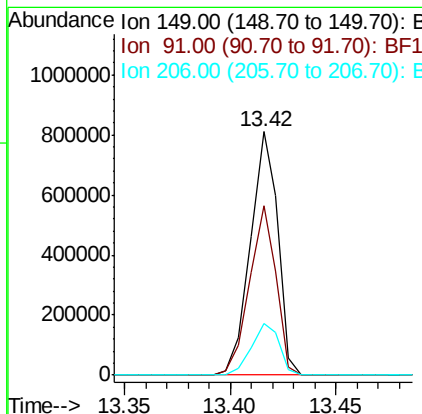
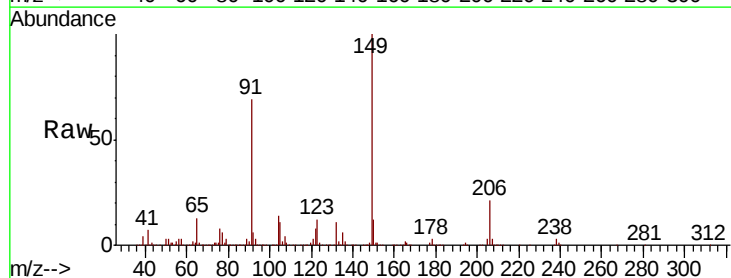
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

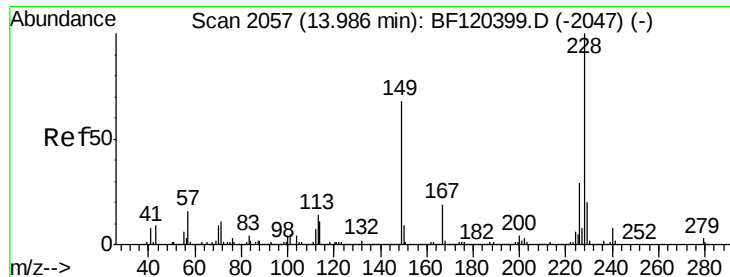
Tot Ion:244 Resp: 1895673
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.0 8.2 12.4



#80
 Butylbenzylphthalate
 Concen: 39.343 ng
 RT: 13.42 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

Tgt Ion:149 Resp: 732126
 Ion Ratio Lower Upper
 149 100
 91 69.4 56.2 84.2
 206 21.3 16.8 25.2





#81

Benzo(a)anthracene

Concen: 41.699 ng

RT: 13.99 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

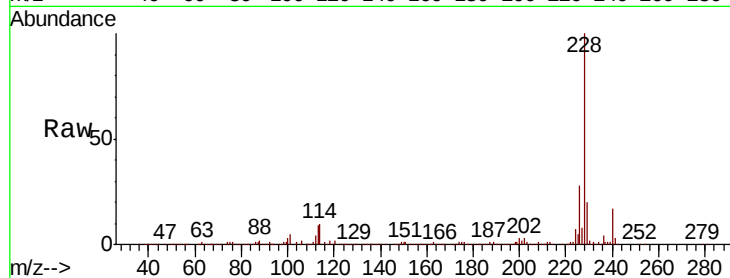
Tot Ion:228 Resp: 1432420

Ion Ratio Lower Upper

228 100

226 28.0 22.7 34.1

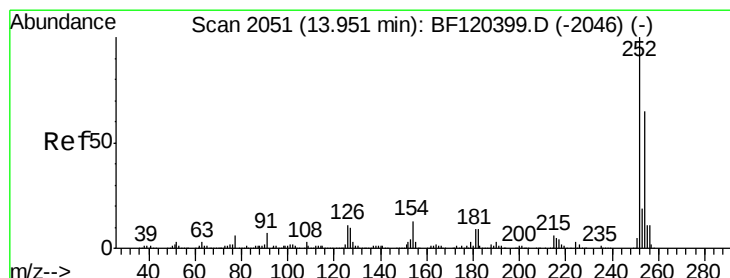
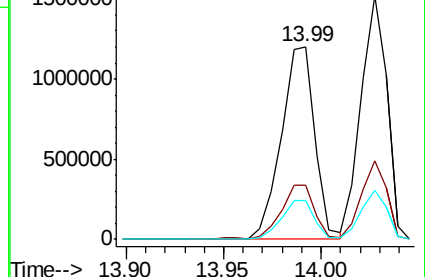
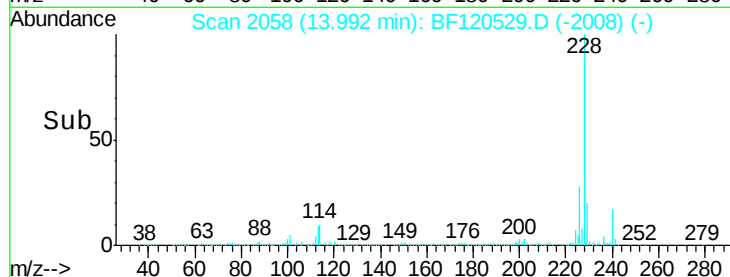
229 20.2 16.3 24.5



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: 42.232 ng

RT: 13.95 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

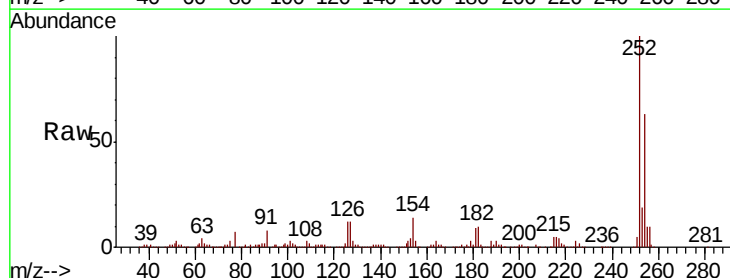
Tgt Ion:252 Resp: 526696

Ion Ratio Lower Upper

252 100

254 62.9 51.4 77.2

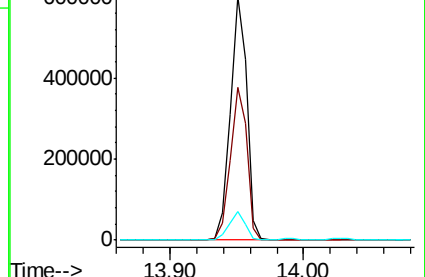
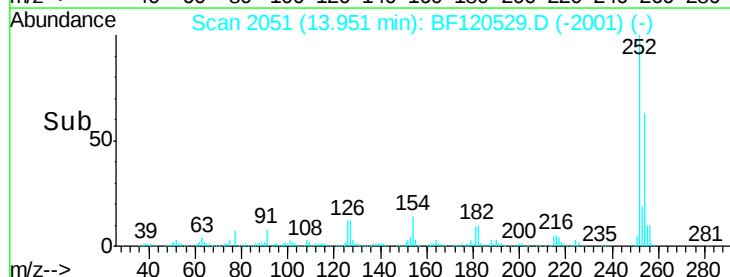
126 11.9 9.6 14.4

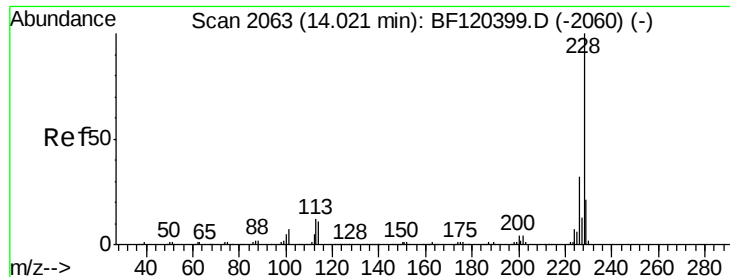


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.998 ng

RT: 14.03 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

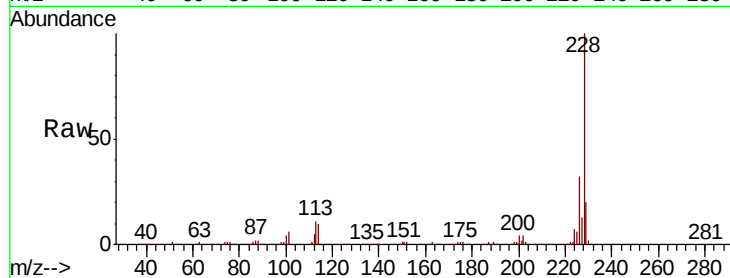
Tot Ion:228 Resp: 1404452

Ion Ratio Lower Upper

228 100

226 32.0 25.2 37.8

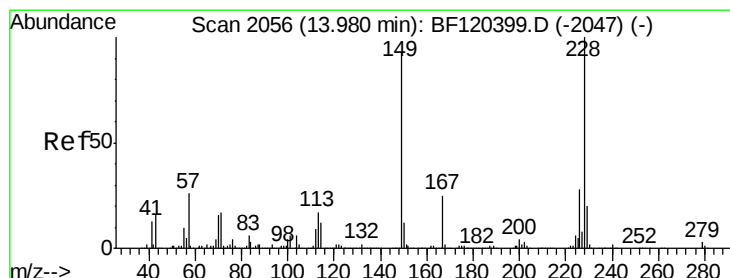
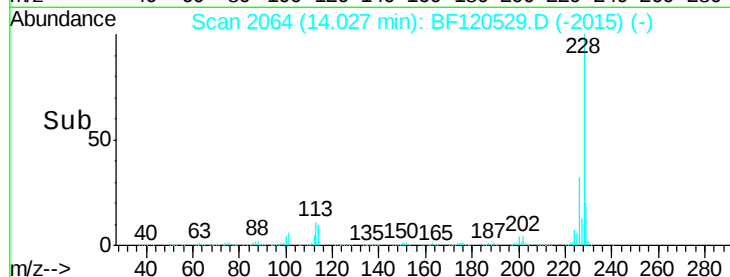
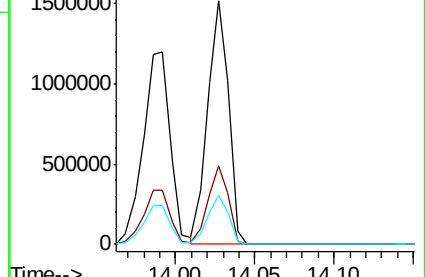
229 20.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.173 ng

RT: 13.97 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

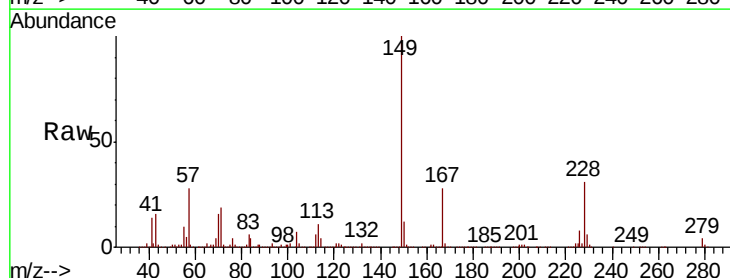
Tgt Ion:149 Resp: 921241

Ion Ratio Lower Upper

149 100

167 28.2 22.0 33.0

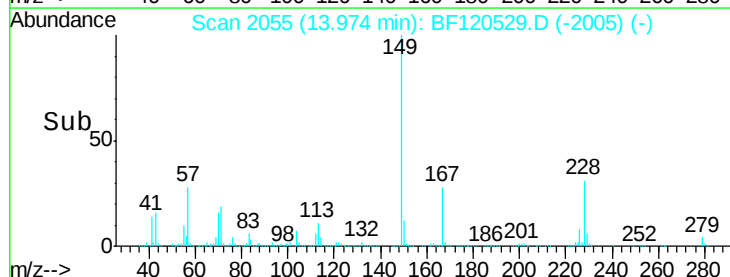
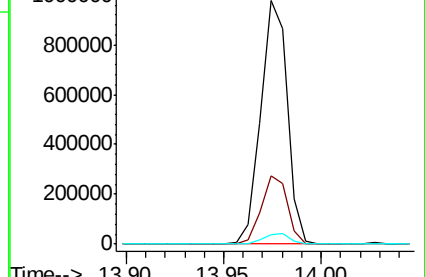
279 3.9 3.2 4.8

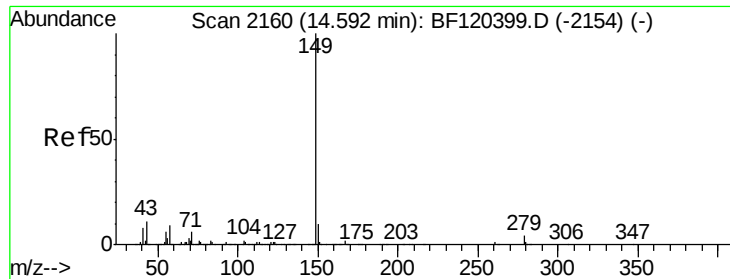


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

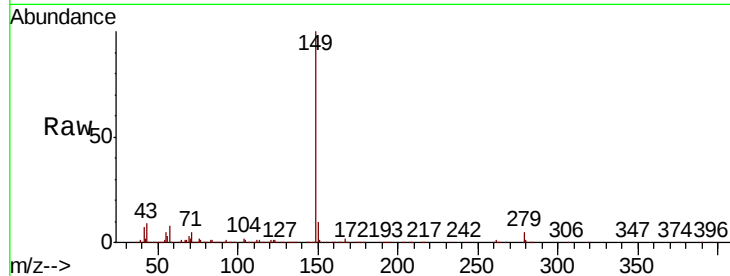




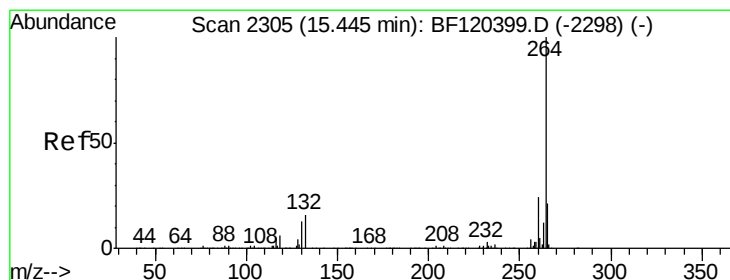
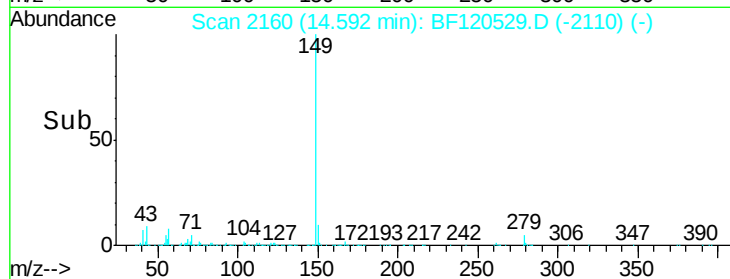
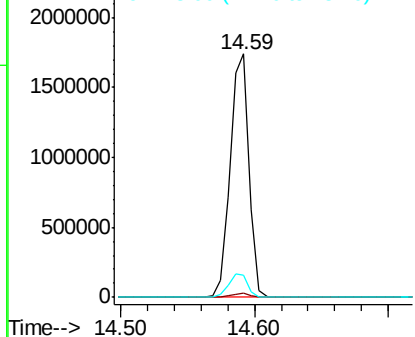
#85
Di-n-octyl phthalate
Concen: 45.524 ng
RT: 14.59 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1720696
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 7.8 11.8

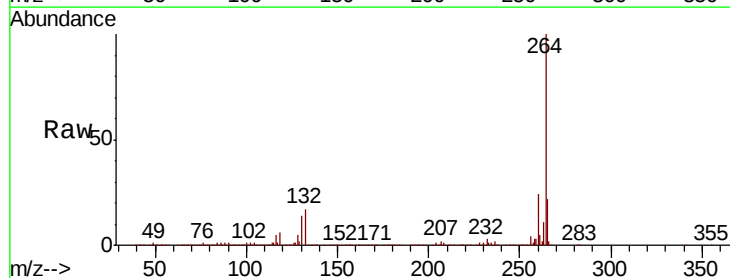


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

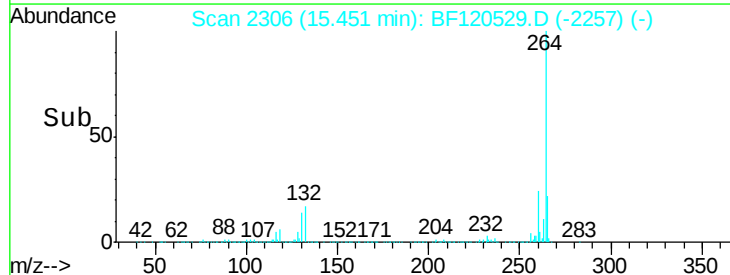
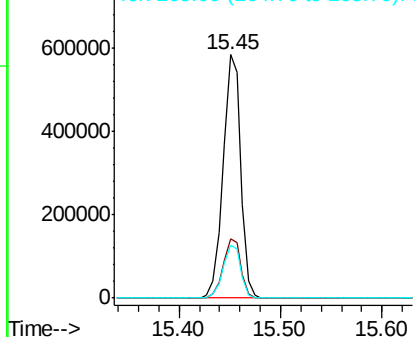


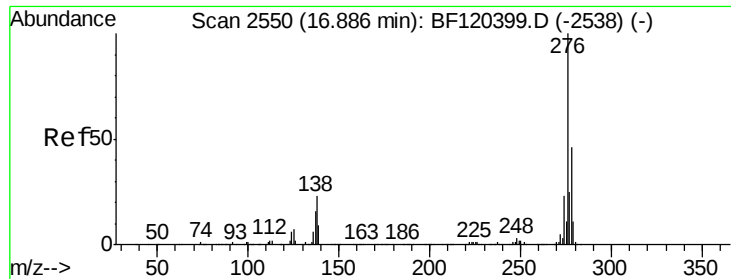
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Tgt Ion:264 Resp: 697421
Ion Ratio Lower Upper
264 100
260 24.4 19.8 29.8
265 21.9 17.5 26.3



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

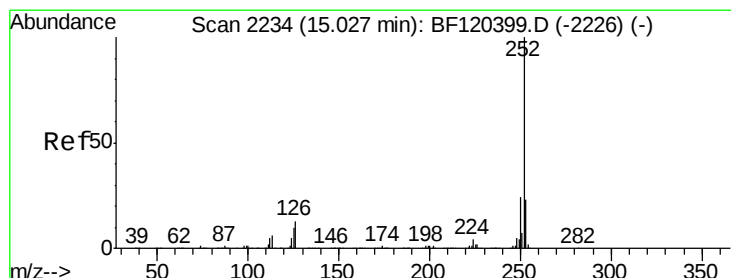
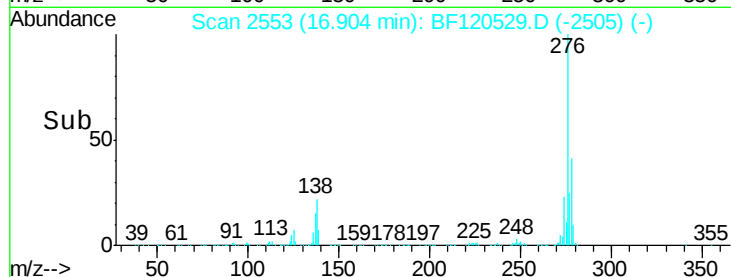
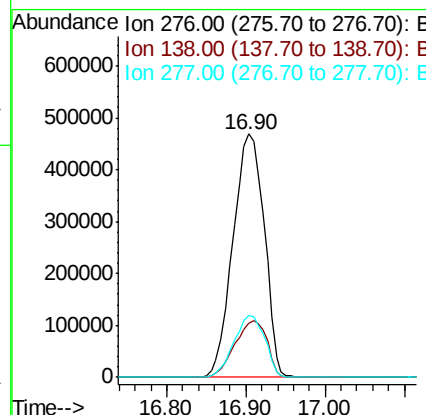
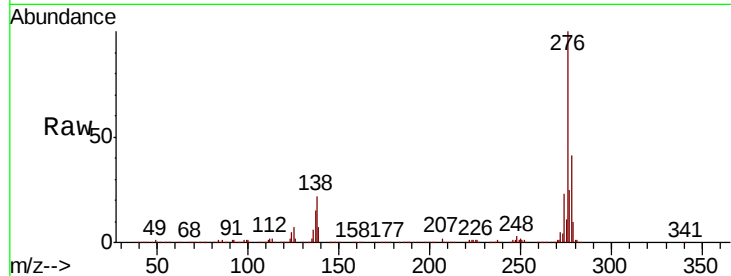




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.597 ng
 RT: 16.90 min Scan# 2553
 Delta R.T. -0.02 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

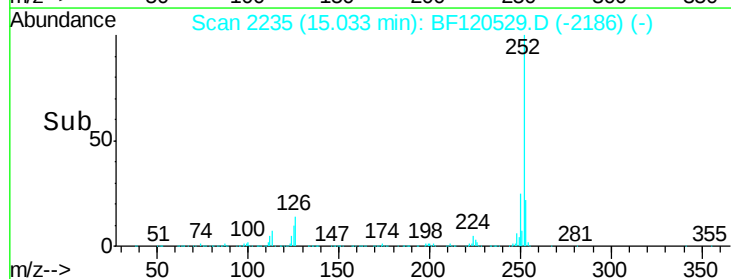
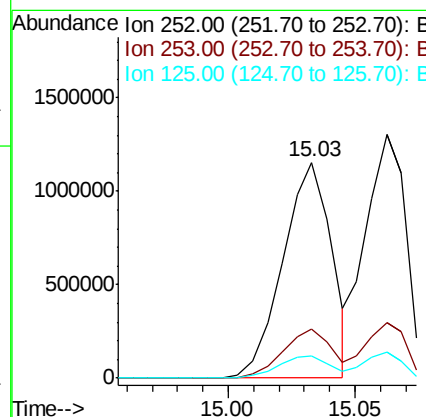
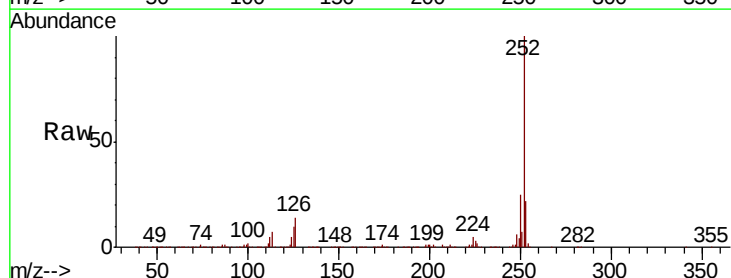
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

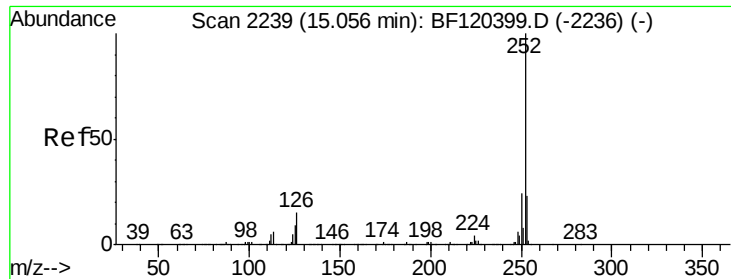
Tot Ion:276 Resp: 1281542
 Ion Ratio Lower Upper
 276 100
 138 24.0 19.2 28.8
 277 25.4 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 39.924 ng
 RT: 15.03 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF120529.D
 Acq: 4 Jun 2020 13:08

Tgt Ion:252 Resp: 1546519
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.2 27.2
 125 10.4 7.6 11.4

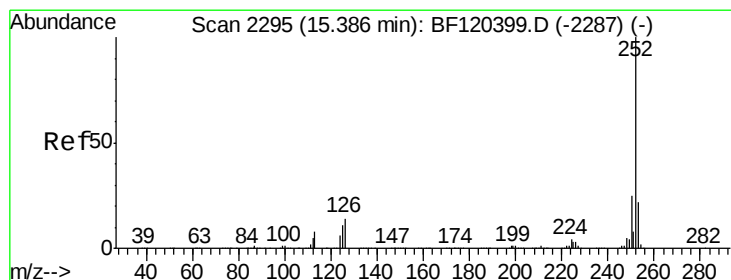
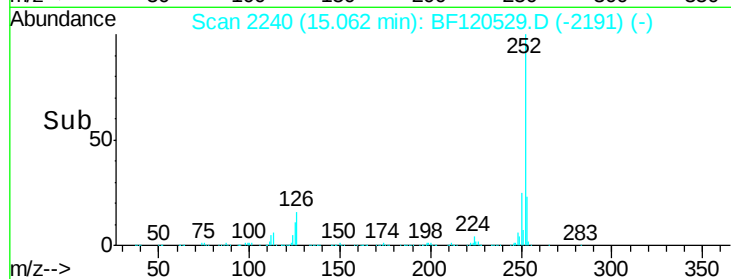
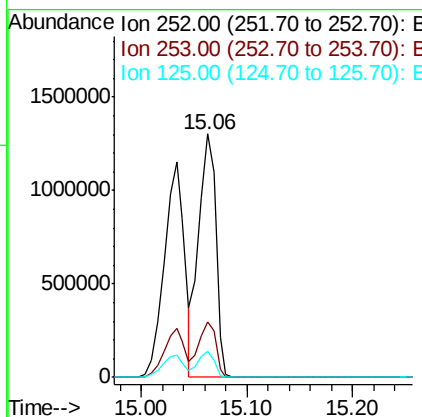
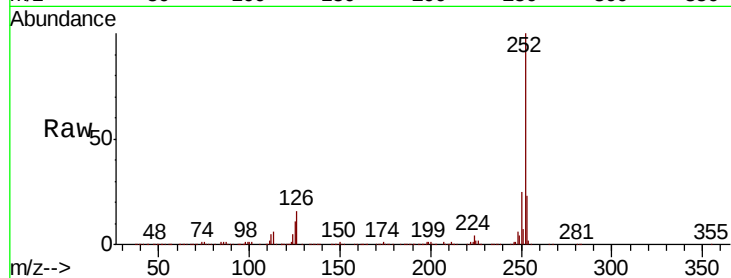




#89
Benzo(k)fluoranthene
Concen: 40.321 ng
RT: 15.06 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

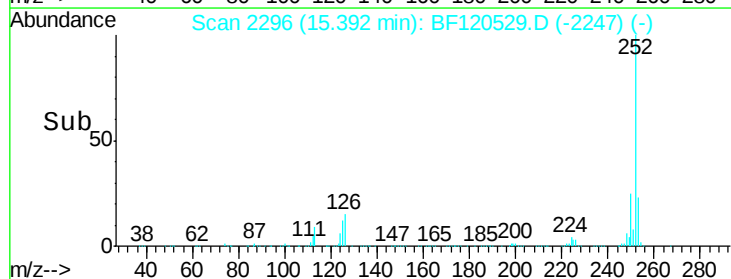
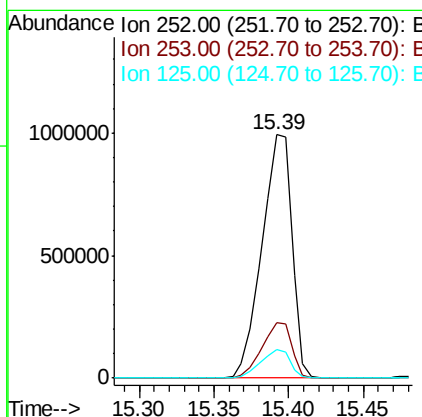
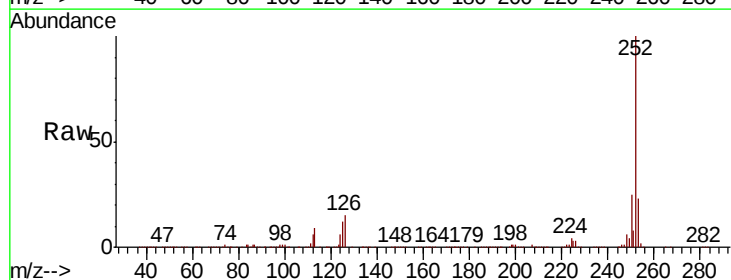
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

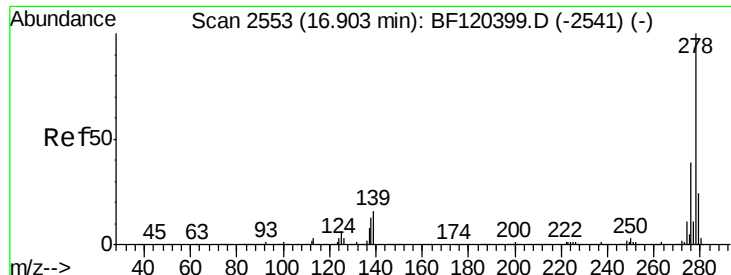
Tot Ion:252 Resp: 1458116
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 10.8 7.5 11.3



#90
Benzo(a)pyrene
Concen: 40.821 ng
RT: 15.39 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF120529.D
Acq: 4 Jun 2020 13:08

Tgt Ion:252 Resp: 1383158
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 12.0 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 33.637 ng

RT: 16.92 min Scan# 2556

Delta R.T. -0.02 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

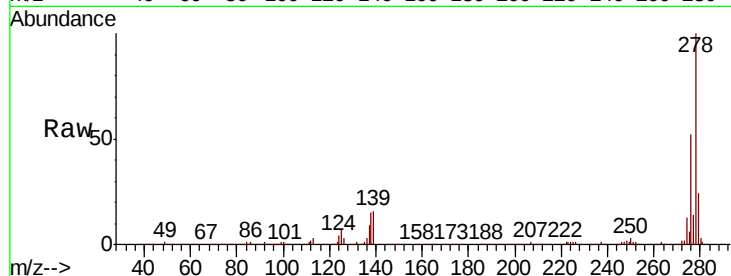
Tot Ion:278 Resp: 1046068

Ion Ratio Lower Upper

278 100

139 15.5 11.6 17.4

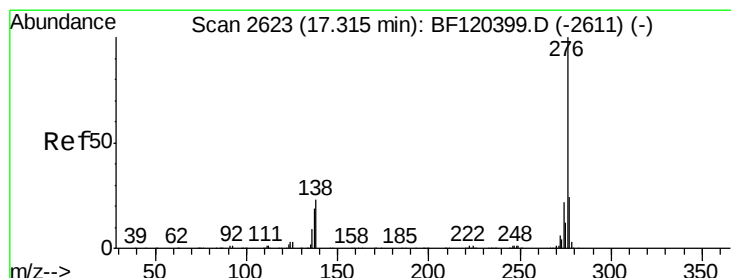
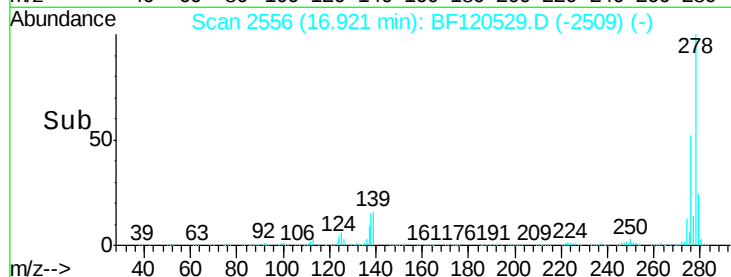
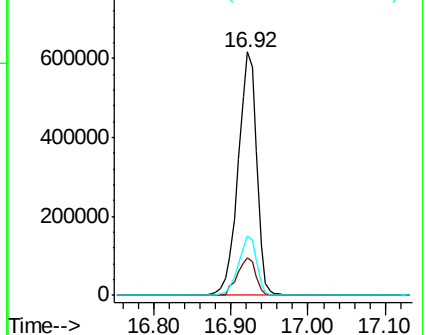
279 24.2 19.2 28.8



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: 33.142 ng

RT: 17.34 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BF120529.D

Acq: 4 Jun 2020 13:08

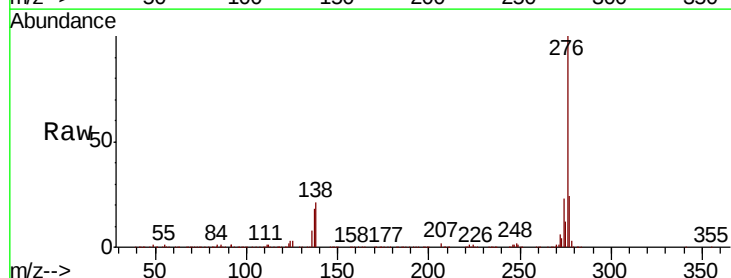
Tgt Ion:276 Resp: 1016543

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.2

138 21.1 16.6 25.0



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

