

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF052920\
 Data File : BF120432.D
 Acq On : 29 May 2020 12:06
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 29 12:41:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	298567	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1143206	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	589623	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1072857	20.00	ng	0.00
76) Chrysene-d12	14.00	240	742812	20.00	ng	0.00
86) Perylene-d12	15.45	264	711224	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1235047	78.83	ng	0.00
7) Phenol-d6	6.47	99	1559695	80.77	ng	0.00
23) Nitrobenzene-d5	7.40	82	1374250	78.63	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	455509	83.38	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2609801	75.10	ng	0.00
79) Terphenyl-d14	12.94	244	2678945	80.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	303441	39.100	ng	99
3) Pyridine	3.36	79	841857	39.168	ng	96
4) n-Nitrosodimethylamine	3.31	42	358498	39.414	ng	100
6) Aniline	6.50	93	1095252	40.678	ng	99
8) 2-Chlorophenol	6.63	128	718858	40.693	ng	99
9) Benzaldehyde	6.39	77	451169	38.335	ng	99
10) Phenol	6.48	94	922020	43.663	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	725148	41.094	ng	97
12) 1,3-Dichlorobenzene	6.78	146	805412	41.500	ng	98
13) 1,4-Dichlorobenzene	6.86	146	800186	41.325	ng	99
14) 1,2-Dichlorobenzene	7.01	146	742308	41.505	ng	98
15) Benzyl Alcohol	6.98	79	616770	42.371	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1147261	41.240	ng	100
17) 2-Methylphenol	7.09	107	642306	40.661	ng	99
18) Hexachloroethane	7.35	117	298431	42.105	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	498244	40.590	ng	100
20) 3+4-Methylphenols	7.25	107	724262	36.293	ng	98
22) Acetophenone	7.25	105	923485	39.775	ng	99
24) Nitrobenzene	7.42	77	737294	39.163	ng	98
25) Isophorone	7.66	82	1412709	40.219	ng	99
26) 2-Nitrophenol	7.74	139	347201	40.904	ng	98
27) 2,4-Dimethylphenol	7.77	122	594601	40.338	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	873254	41.282	ng	99
29) 2,4-Dichlorophenol	7.97	162	617830	41.496	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	696847	41.706	ng	98
31) Naphthalene	8.15	128	2034836	40.529	ng	99
32) Benzoic acid	7.89	122	433694	39.648	ng	95
33) 4-Chloroaniline	8.19	127	904447	40.646	ng	98
34) Hexachlorobutadiene	8.26	225	422394	42.649	ng	99
35) Caprolactam	8.57	113	187737	38.935	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	619111	40.986	ng	95
37) 2-Methylnaphthalene	8.83	142	1381566	41.544	ng	100
38) 1-Methylnaphthalene	8.93	142	1298081	41.353	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	637495	42.161	ng	100

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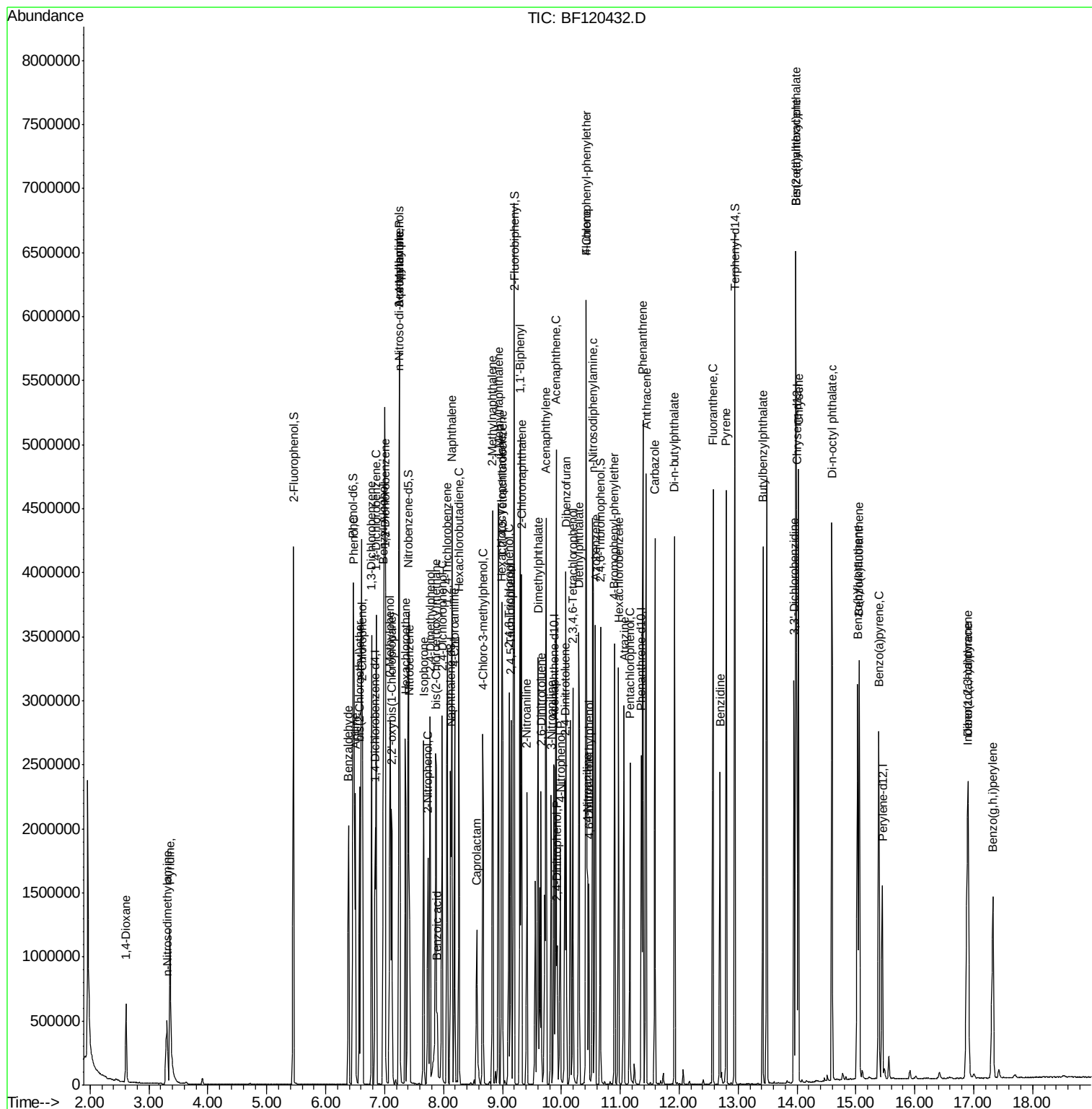
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	404147	47.891	nq	98
43) 2,4,6-Trichlorophenol	9.11	196	470596	43.033	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	510075	41.148	nq	97
46) 1,1'-Biphenyl	9.30	154	1614972	41.695	nq	99
47) 2-Chloronaphthalene	9.32	162	1321352	41.428	nq	98
48) 2-Nitroaniline	9.42	65	377789	38.889	nq	98
49) Acenaphthylene	9.74	152	2008946	40.760	nq	100
50) Dimethylphthalate	9.60	163	1483891	40.256	nq	99
51) 2,6-Dinitrotoluene	9.66	165	318849	38.923	nq #	85
52) Acenaphthene	9.91	154	1252954	40.732	nq	100
53) 3-Nitroaniline	9.83	138	377553	39.248	nq	99
54) 2,4-Dinitrophenol	9.93	184	127395	42.553	nq	94
55) Dibenzofuran	10.09	168	1815906	40.623	nq	97
56) 4-Nitrophenol	9.98	139	287752	39.072	nq	99
57) 2,4-Dinitrotoluene	10.06	165	401881	38.332	nq	92
58) Fluorene	10.43	166	1282242	38.224	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	401843	41.601	nq	99
60) Diethylphthalate	10.30	149	1502525	40.336	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	678565	37.310	nq	99
62) 4-Nitroaniline	10.45	138	356125	39.214	nq	95
63) Azobenzene	10.58	77	1395678	39.834	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	184575	47.167	nq	92
66) n-Nitrosodiphenylamine	10.53	169	1251546	41.995	nq	98
67) 4-Bromophenyl-phenylether	10.91	248	463296	42.781	nq	98
68) Hexachlorobenzene	10.97	284	492295	42.686	nq #	90
69) Atrazine	11.06	200	355601	42.334	nq	98
70) Pentachlorophenol	11.16	266	304917	43.242	nq	98
71) Phenanthrene	11.39	178	1919650	40.608	nq	100
72) Anthracene	11.44	178	1958568	41.293	nq	99
73) Carbazole	11.59	167	1863905	40.629	nq	99
74) Di-n-butylphthalate	11.92	149	2211851	41.446	nq	98
75) Fluoranthene	12.57	202	2071398	40.722	nq	97
77) Benzidine	12.69	184	880259	45.102	nq	98
78) Pyrene	12.80	202	2112964	40.903	nq	99
80) Butylbenzylphthalate	13.42	149	935582	43.382	nq	99
81) Benzo(a)anthracene	13.99	228	1619027	40.668	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	649744	44.955	nq	99
83) Chrysene	14.03	228	1706842	40.896	nq	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1150680	45.453	nq	99
85) Di-n-octyl phthalate	14.59	149	2081125	47.509	nq	100
87) Indeno(1,2,3-cd)pyrene	16.89	276	1544759	39.711	nq	99
88) Benzo(b)fluoranthene	15.03	252	1690227	42.787	nq	99
89) Benzo(k)fluoranthene	15.06	252	1395032	37.828	nq	99
90) Benzo(a)pyrene	15.39	252	1417047	41.010	nq	99
91) Dibenzo(a,h)anthracene	16.91	278	1259642	39.718	nq	99
92) Benzo(g,h,i)perylene	17.33	276	1231458	39.369	nq	98

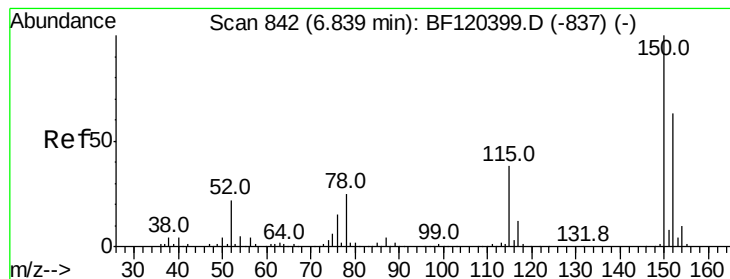
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

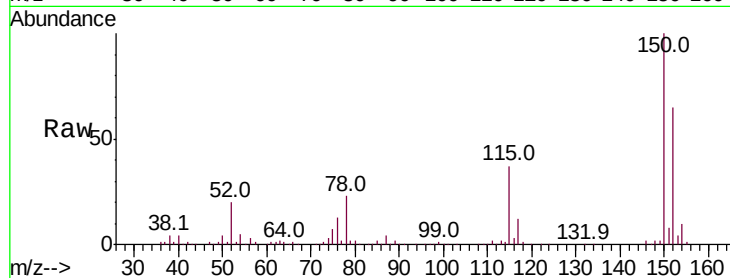
Tot Ion:152 Resp: 298567

Ion Ratio Lower Upper

152 100

150 154.3 126.5 189.7

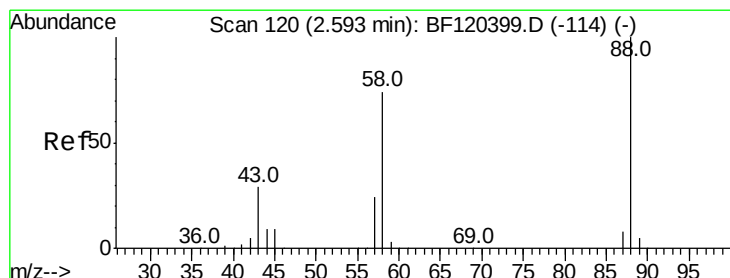
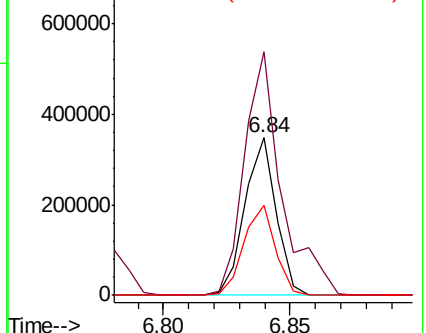
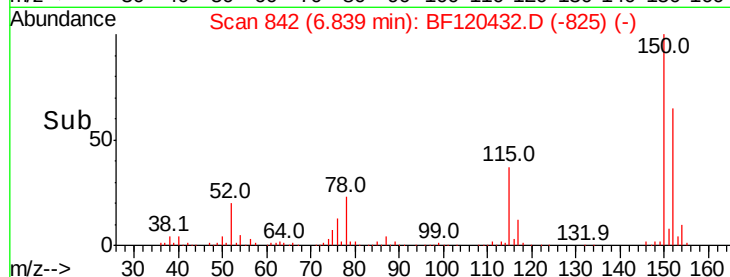
115 56.9 47.6 71.4



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: 39.100 ng

RT: 2.61 min Scan# 123

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

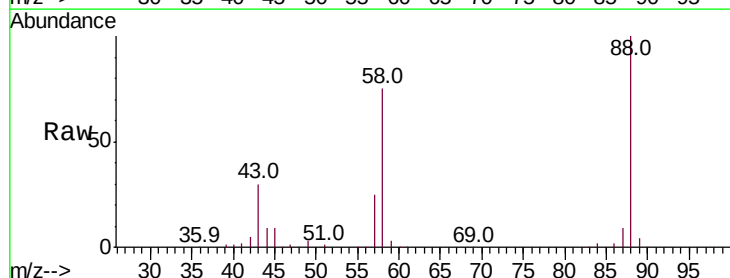
Tgt Ion: 88 Resp: 303441

Ion Ratio Lower Upper

88 100

58 75.3 61.0 91.4

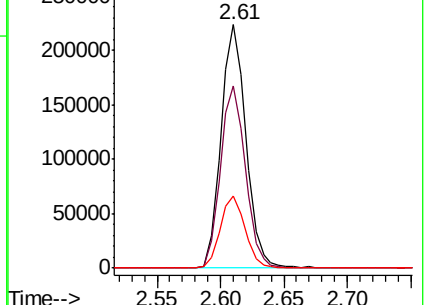
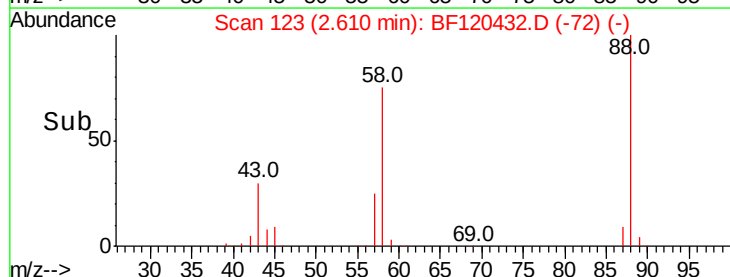
43 29.8 23.6 35.4

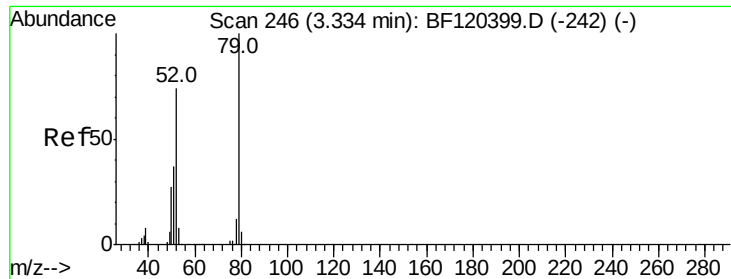


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.168 ng

RT: 3.36 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

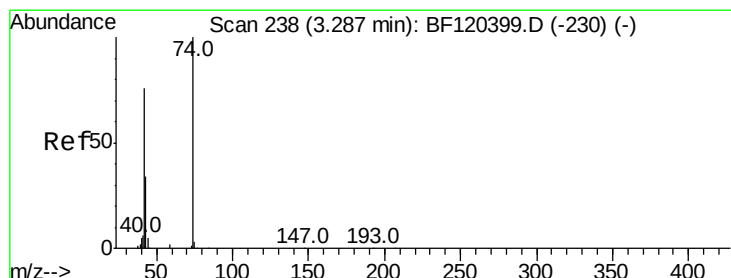
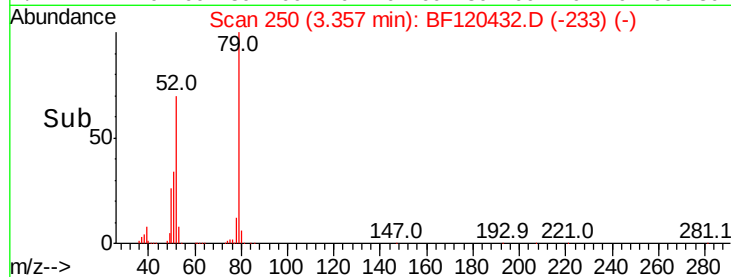
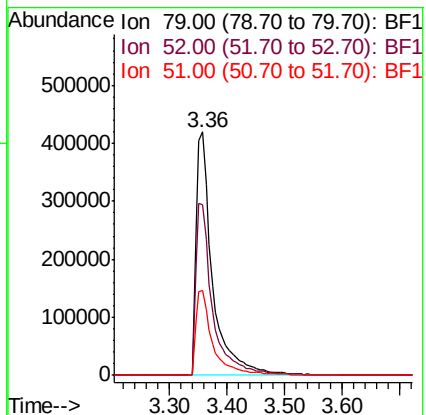
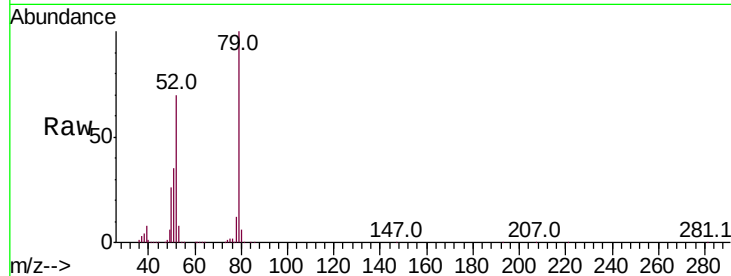
Tot Ion: 79 Resp: 841857

Ion Ratio Lower Upper

79 100

52 69.9 59.2 88.8

51 34.7 29.4 44.2



#4

n-Nitrosodimethylamine

Concen: 39.414 ng

RT: 3.31 min Scan# 242

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

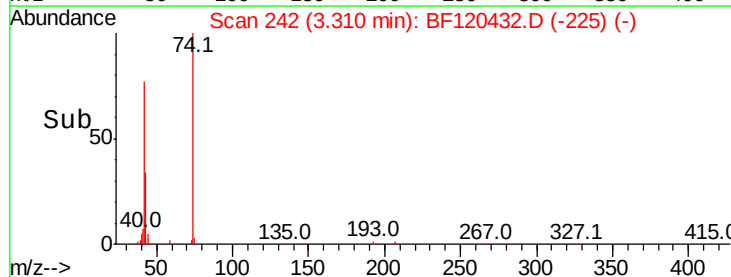
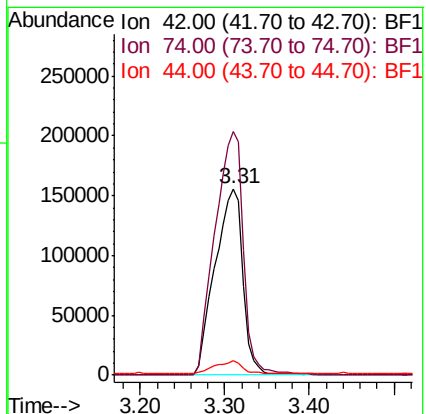
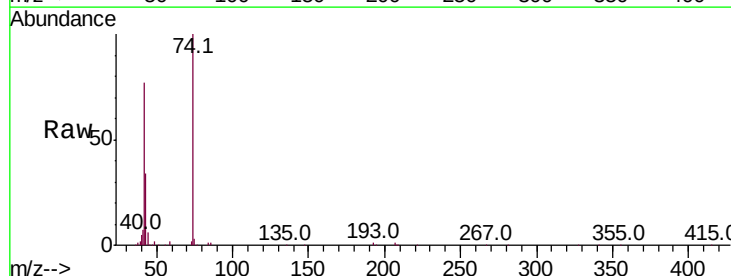
Tgt Ion: 42 Resp: 358498

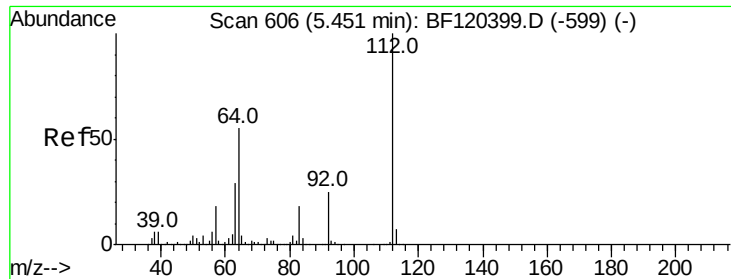
Ion Ratio Lower Upper

42 100

74 130.6 104.8 157.2

44 8.0 7.0 10.4





#5

2-Fluorophenol

Concen: 78.833 ng

RT: 5.45 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

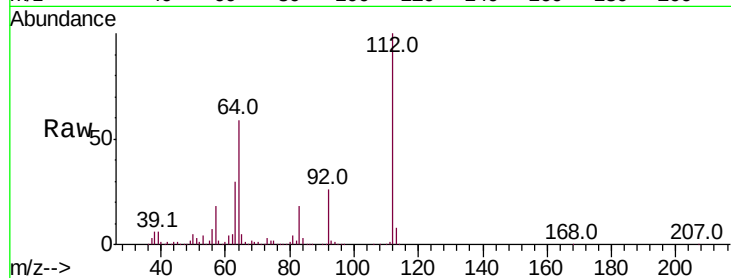
Tot Ion:112 Resp: 1235047

Ion Ratio Lower Upper

112 100

64 58.7 44.3 66.5

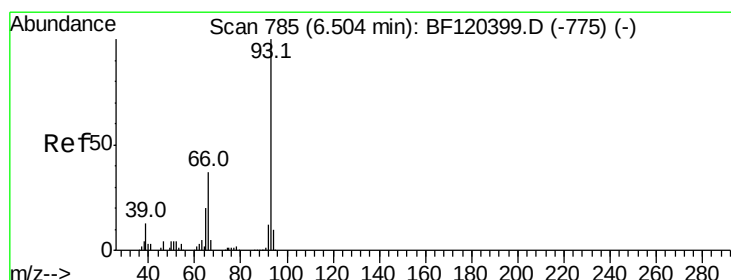
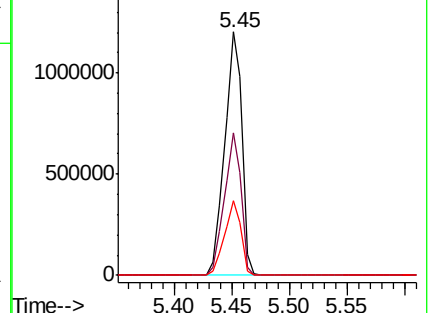
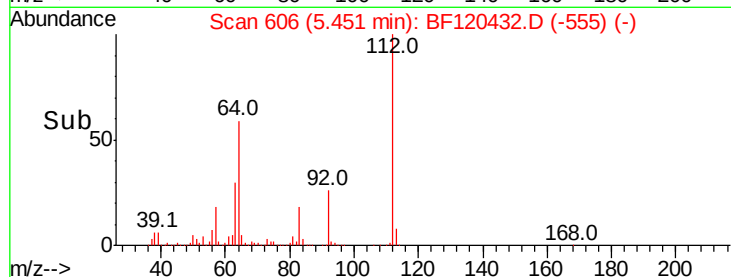
63 30.4 22.9 34.3



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: 40.678 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

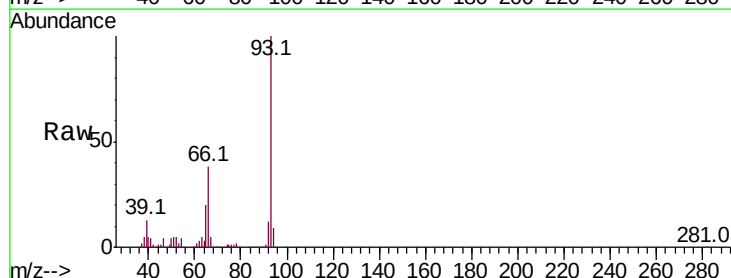
Tgt Ion: 93 Resp: 1095252

Ion Ratio Lower Upper

93 100

66 38.3 30.4 45.6

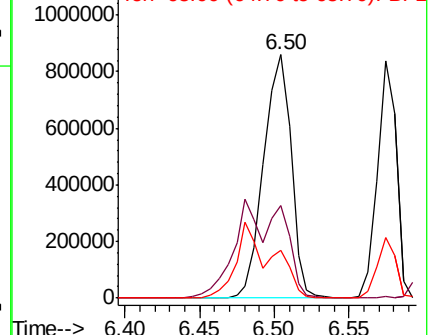
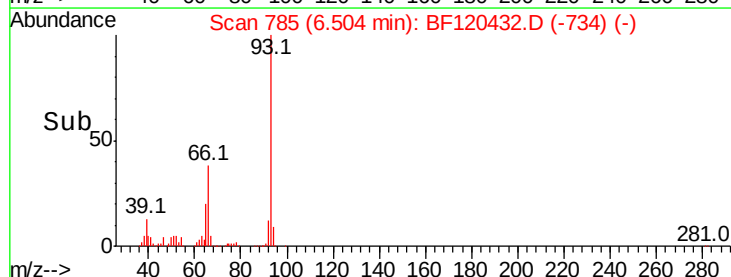
65 19.8 16.3 24.5

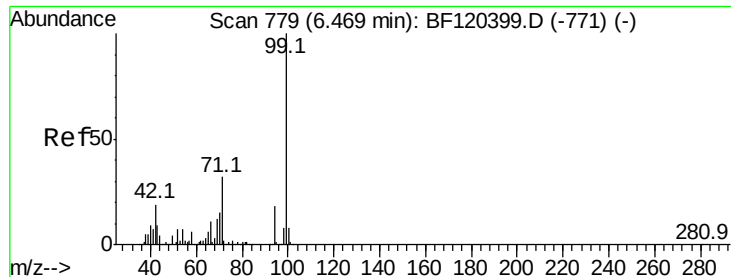


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.770 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

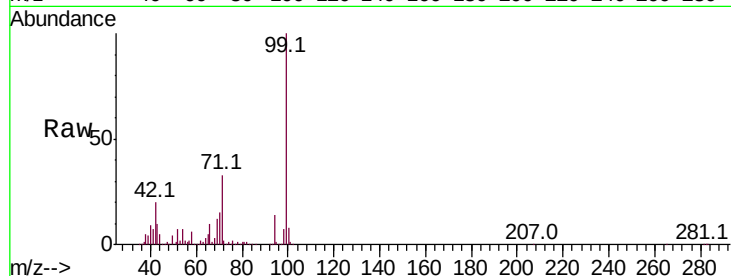
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1559695

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.2	22.8
71	33.0	25.6	38.4



Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

1500000

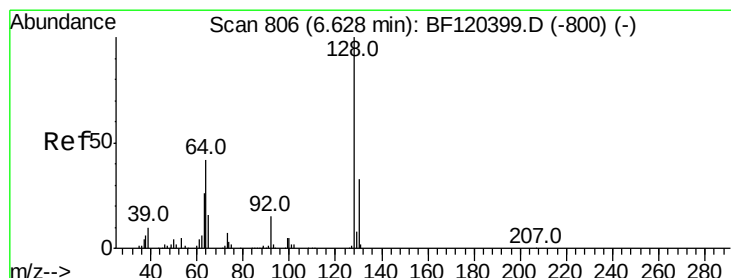
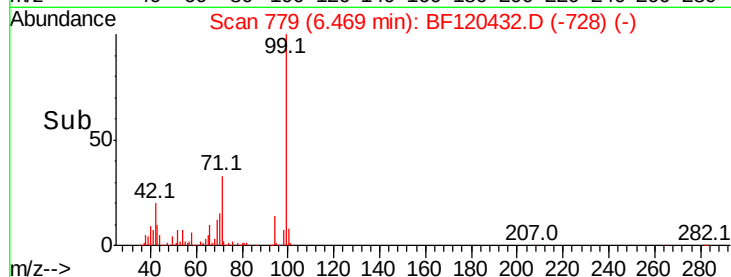
1000000

500000

0

6.47

Time-->



#8

2-Chlorophenol

Concen: 40.693 ng

RT: 6.63 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Tgt Ion:128 Resp: 718858

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	42.2	23.2	63.2

Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

1000000

800000

600000

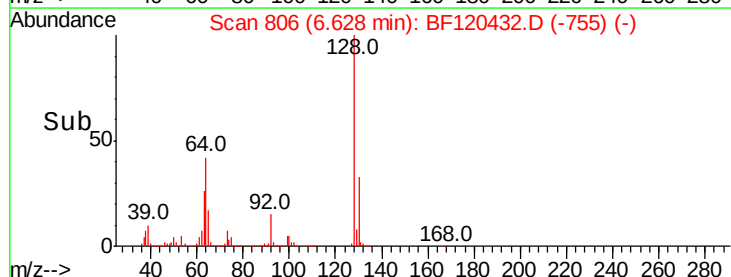
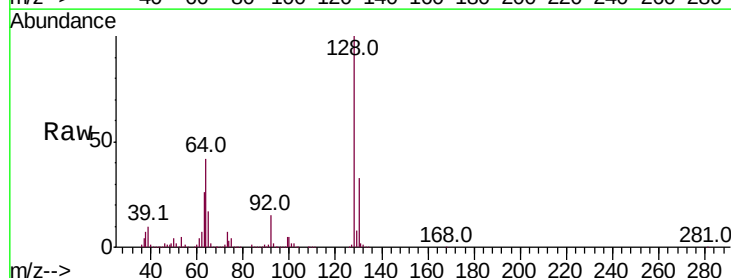
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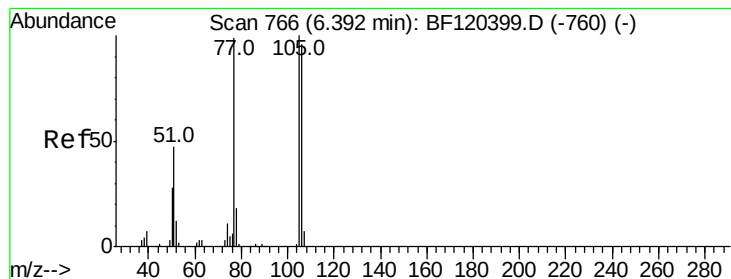
200000

0

6.63

Time-->





#9

Benzaldehyde

Concen: 38.335 ng

RT: 6.39 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

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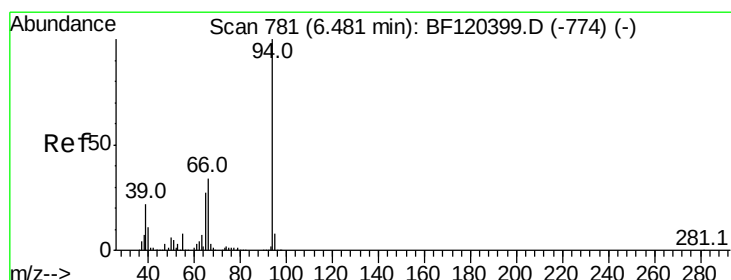
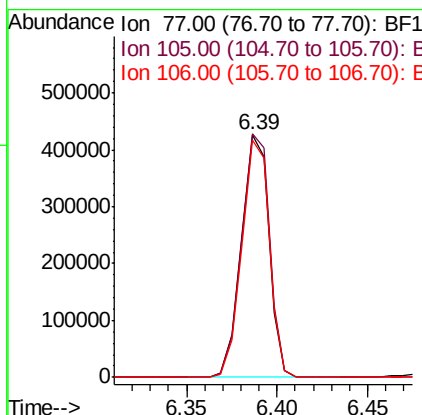
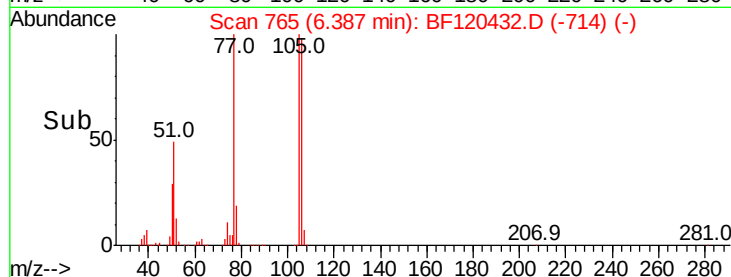
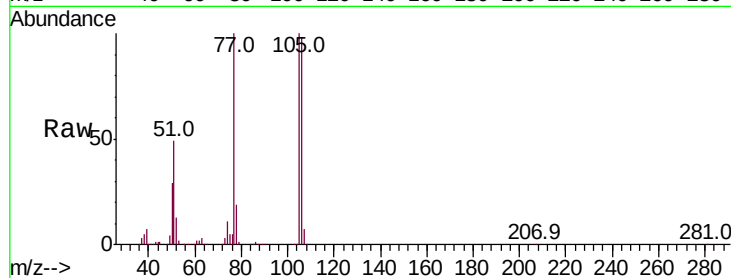
Tot Ion: 77 Resp: 451169

Ion Ratio Lower Upper

77 100

105 100.4 81.5 121.5

106 98.0 77.4 117.4



#10

Phenol

Concen: 43.663 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

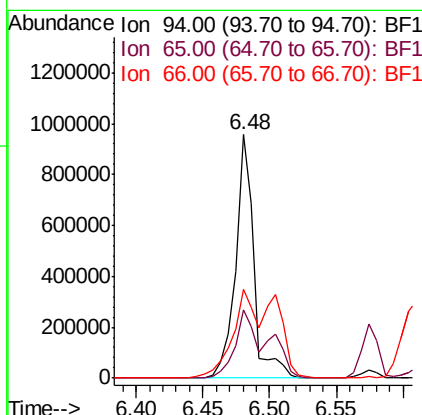
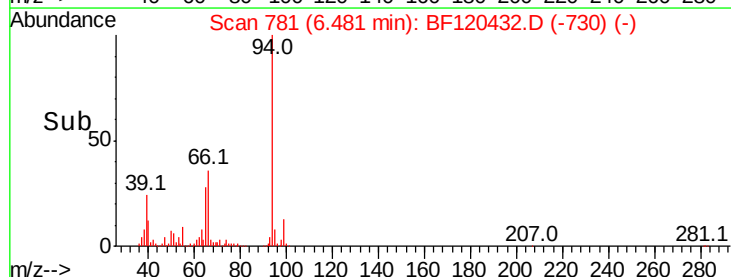
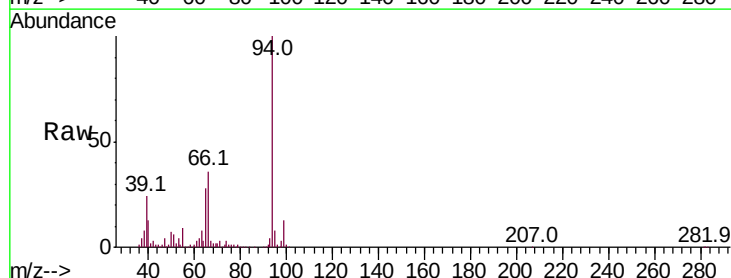
Tgt Ion: 94 Resp: 922020

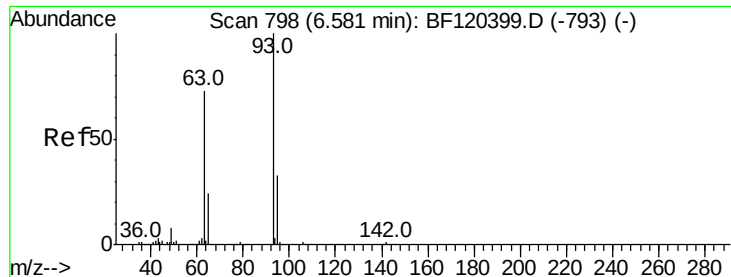
Ion Ratio Lower Upper

94 100

65 28.2 6.8 46.8

66 36.4 13.9 53.9

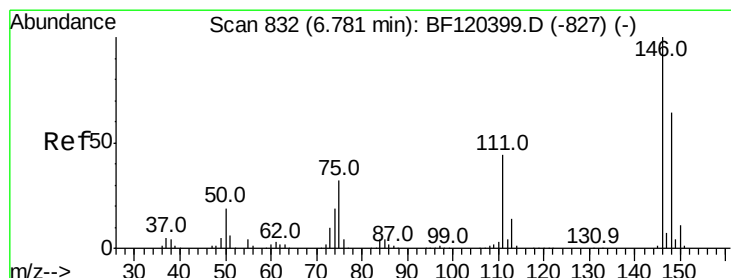
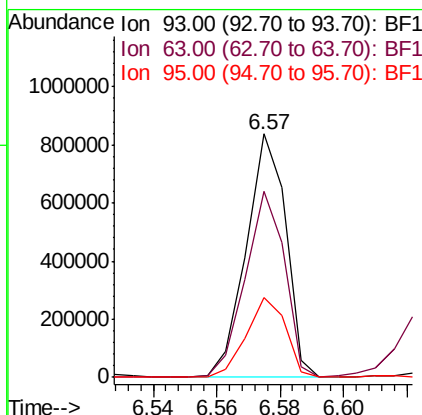
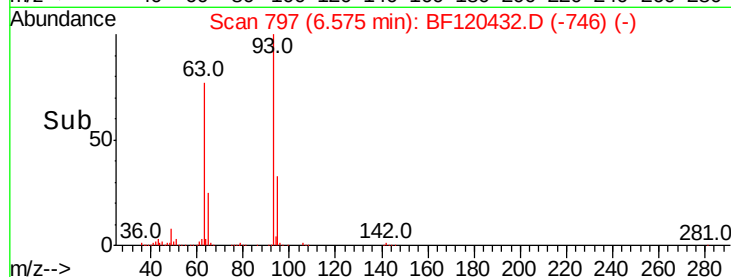
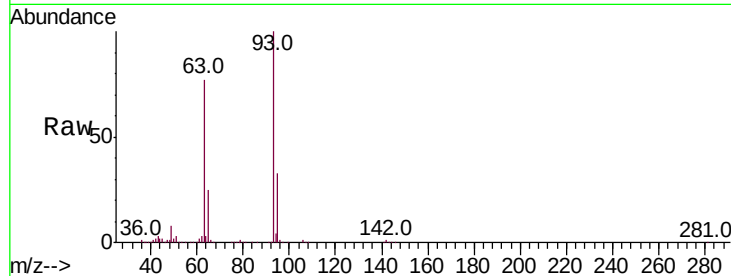




#11
bis(2-Chloroethyl)ether
Concen: 41.094 ng
RT: 6.57 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

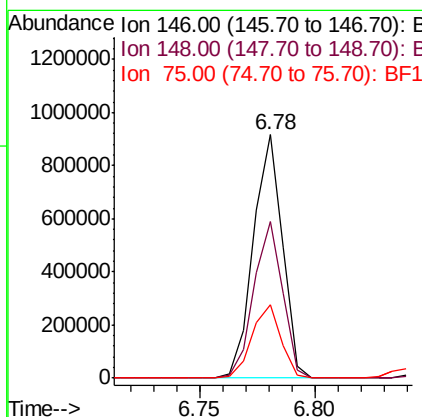
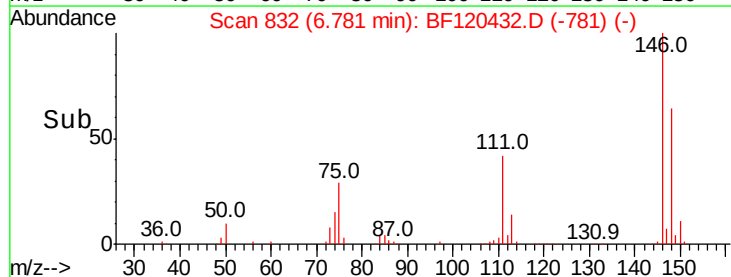
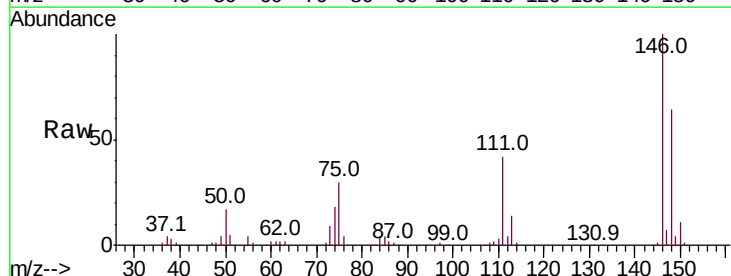
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

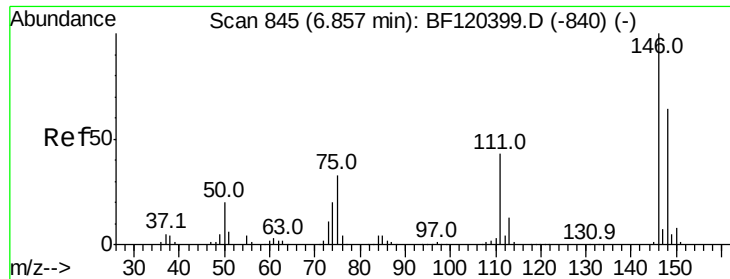
Tot Ion: 93 Resp: 725148
Ion Ratio Lower Upper
93 100
63 76.5 52.8 92.8
95 33.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.500 ng
RT: 6.78 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion: 146 Resp: 805412
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
75 30.1 25.9 38.9

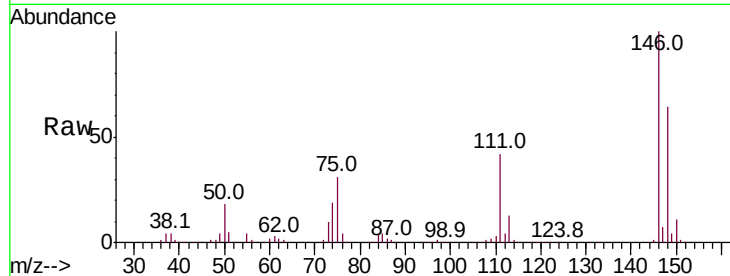




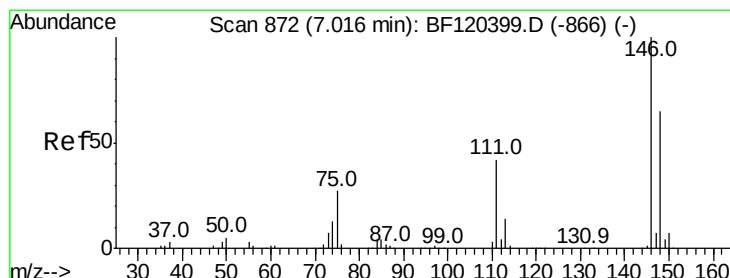
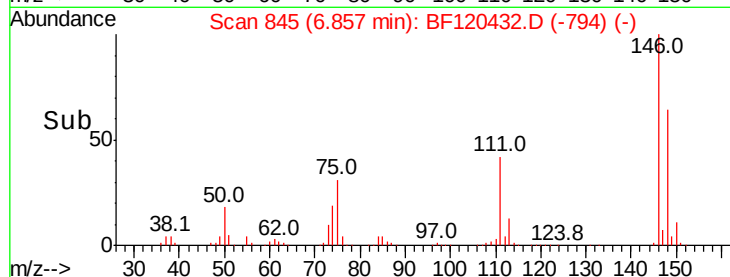
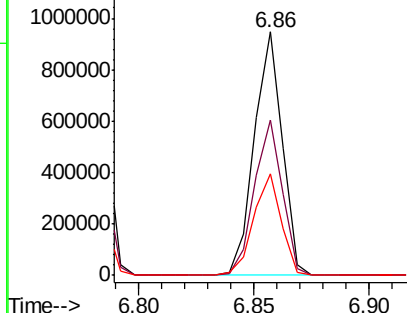
#13
 1,4-Dichlorobenzene
 Concen: 41.325 ng
 RT: 6.86 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 800186
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.0
 111 42.0 34.2 51.4

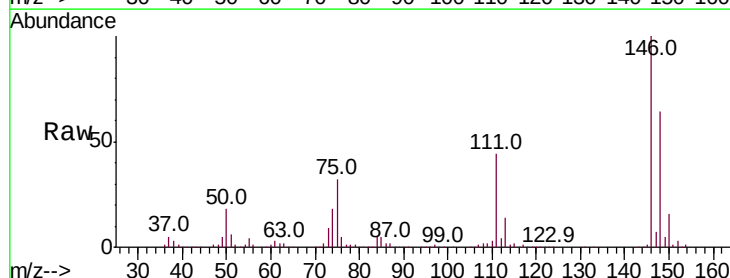


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

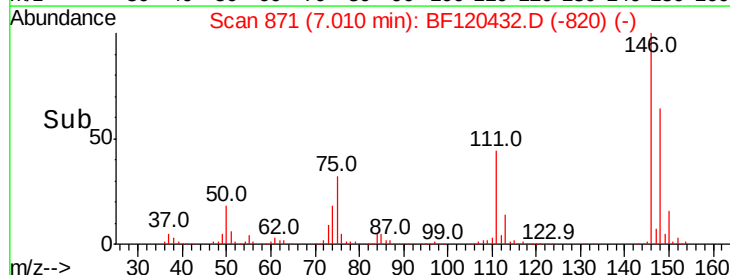
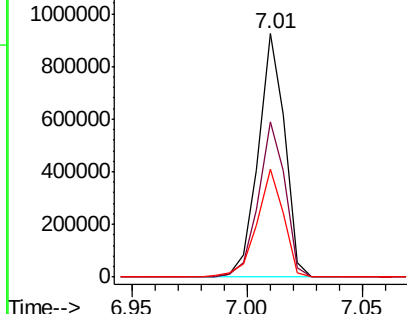


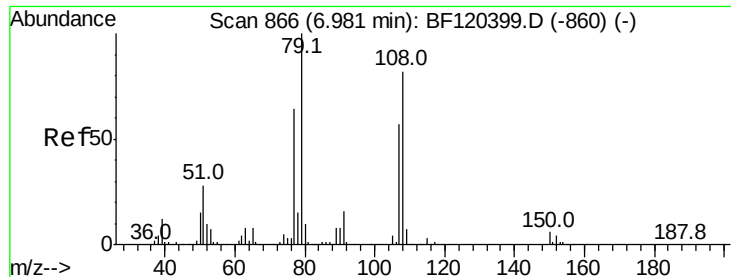
#14
 1,2-Dichlorobenzene
 Concen: 41.505 ng
 RT: 7.01 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion:146 Resp: 742308
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.3 78.5
 111 44.5 33.9 50.9



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: 42.371 ng

RT: 6.98 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

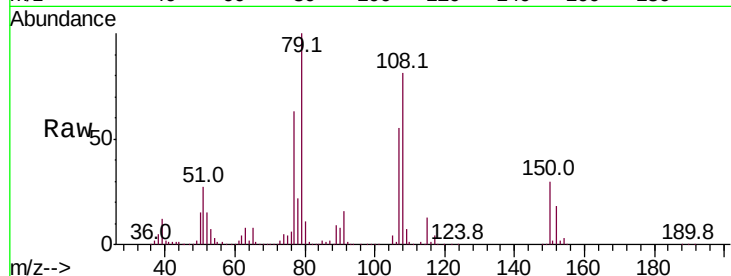
Tot Ion: 79 Resp: 616770

Ion Ratio Lower Upper

79 100

108 81.2 65.8 98.8

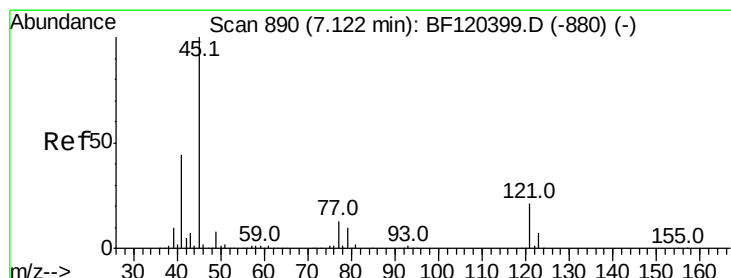
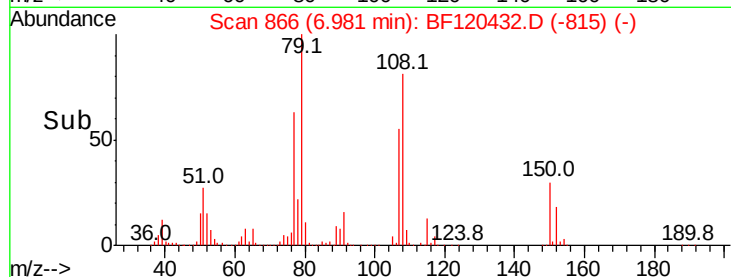
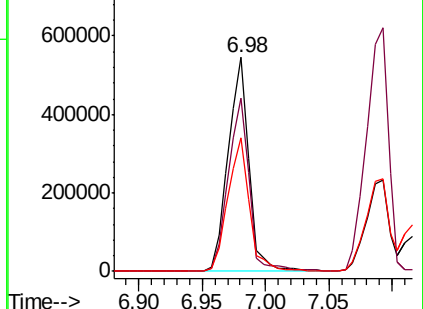
77 62.5 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.240 ng

RT: 7.12 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

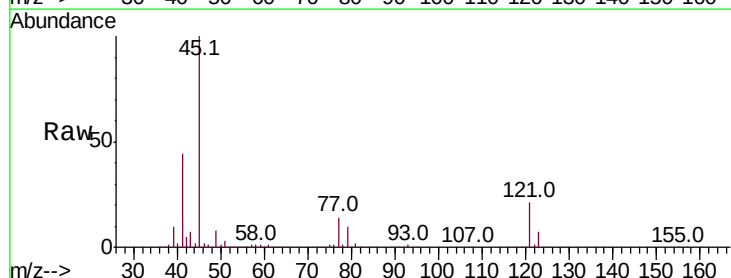
Tgt Ion: 45 Resp: 1147261

Ion Ratio Lower Upper

45 100

77 13.6 0.0 33.5

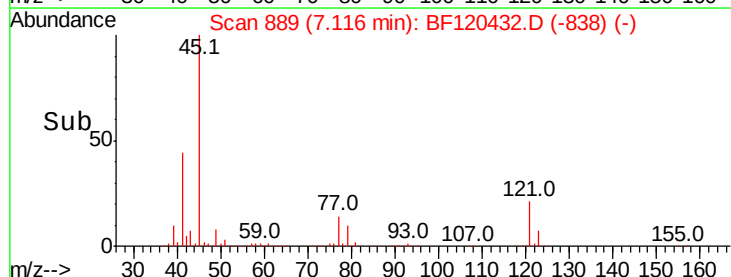
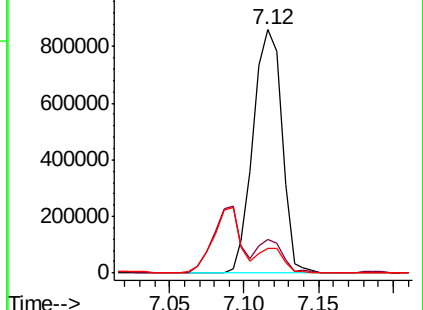
79 10.3 0.0 30.3

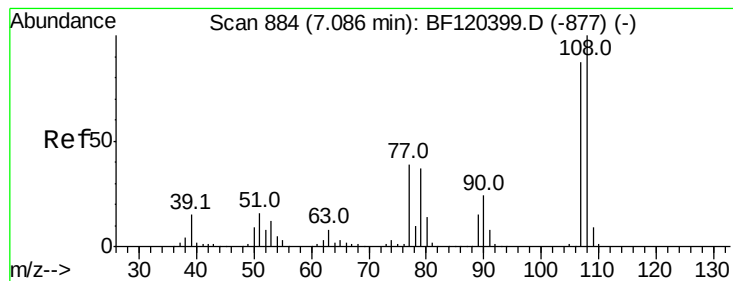


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.661 ng

RT: 7.09 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 642306

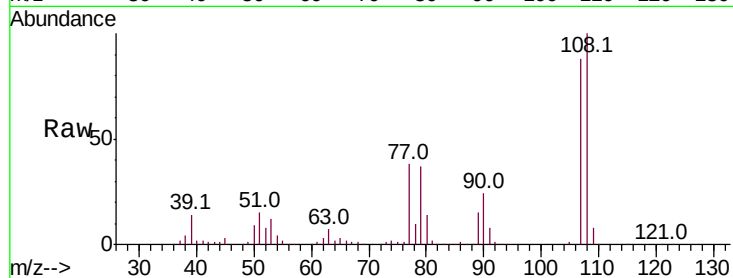
Ion Ratio Lower Upper

107 100

108 114.1 92.3 138.5

77 43.4 35.7 53.5

79 42.5 34.1 51.1

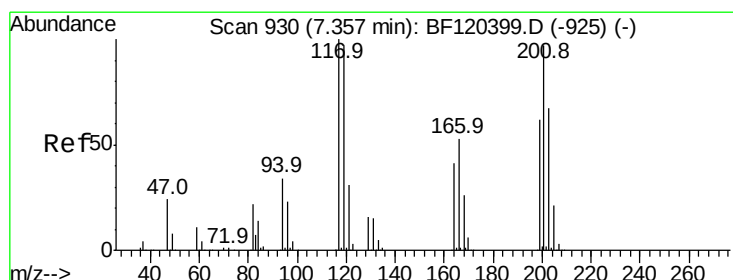
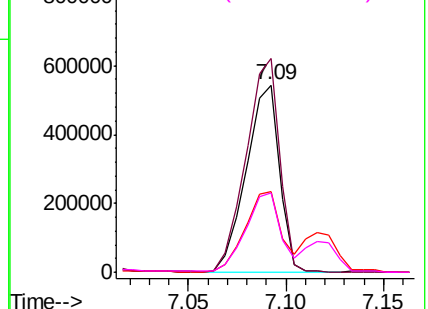
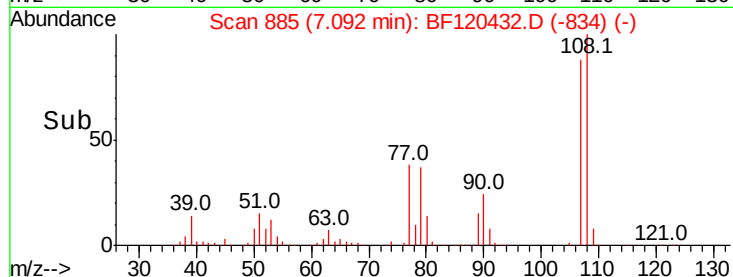


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.105 ng

RT: 7.35 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

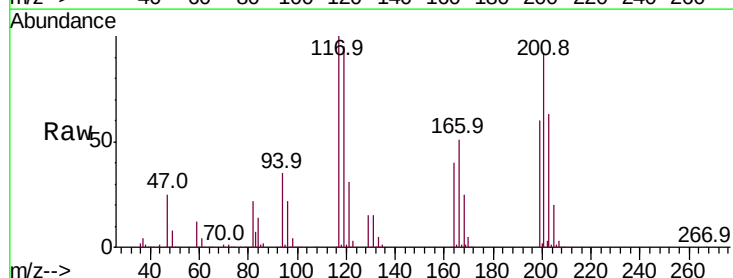
Tgt Ion:117 Resp: 298431

Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.2

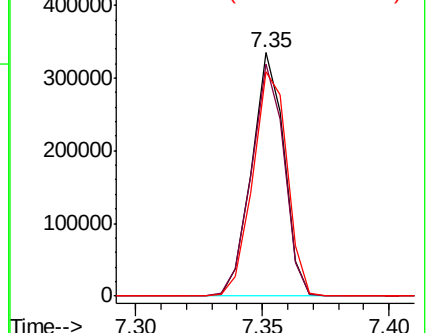
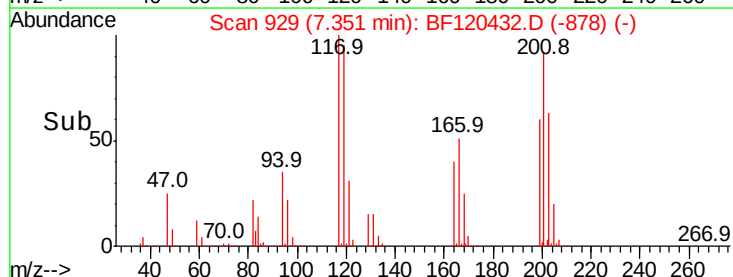
201 92.0 77.7 116.5

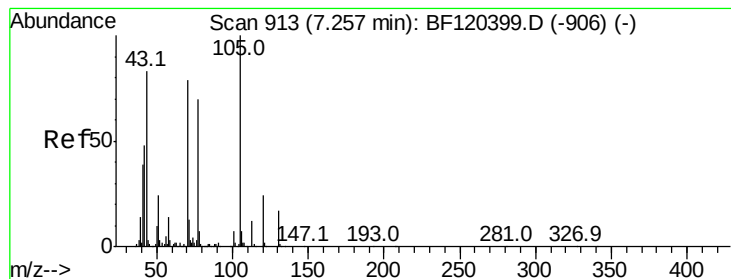


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.590 ng

RT: 7.26 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 498244

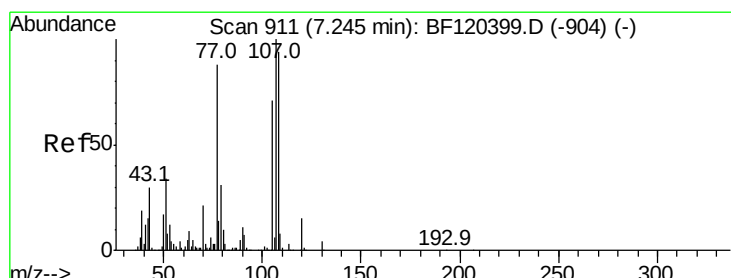
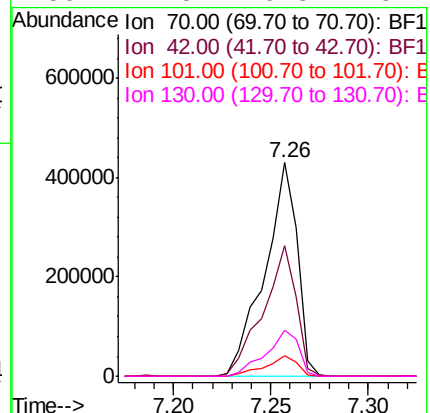
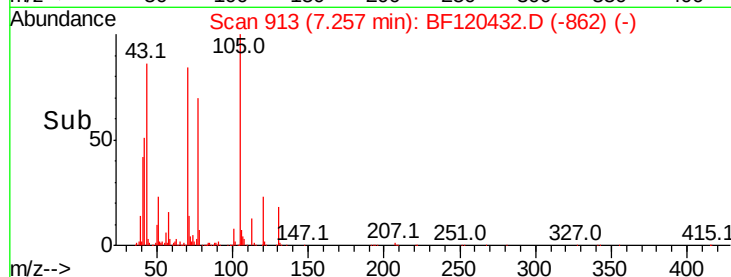
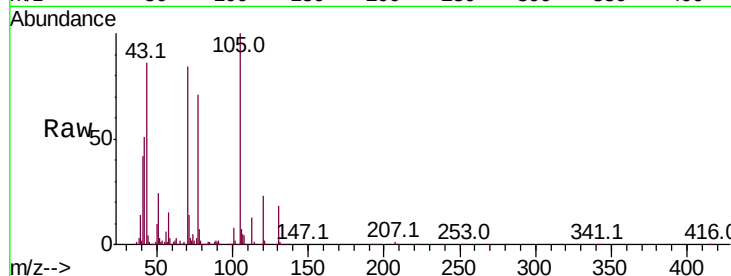
Ion Ratio Lower Upper

70 100

42 61.0 48.9 73.3

101 9.3 7.4 11.2

130 21.8 16.8 25.2



#20

3+4-Methylphenols

Concen: 36.293 ng

RT: 7.25 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Tgt Ion: 107 Resp: 724262

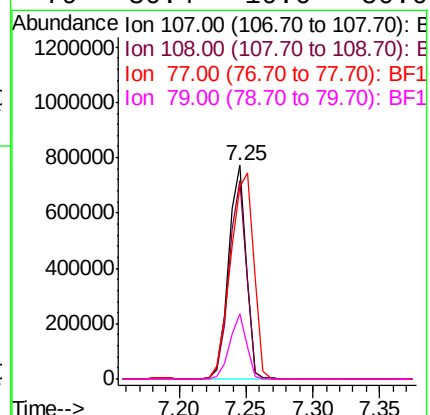
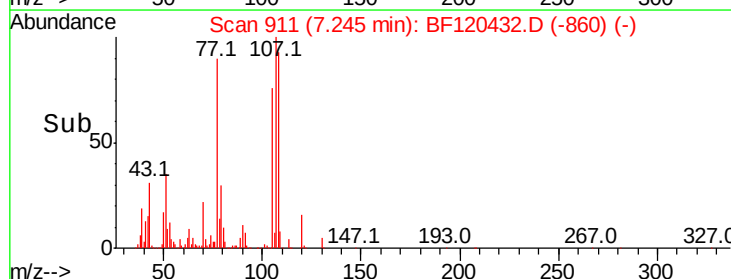
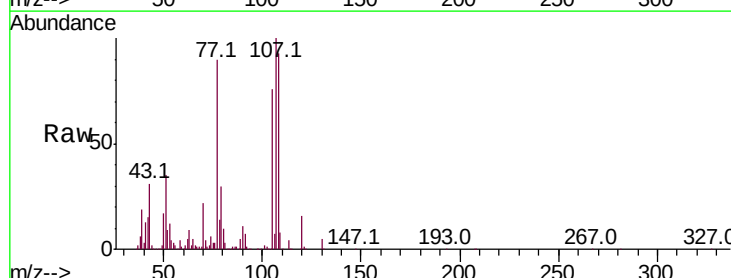
Ion Ratio Lower Upper

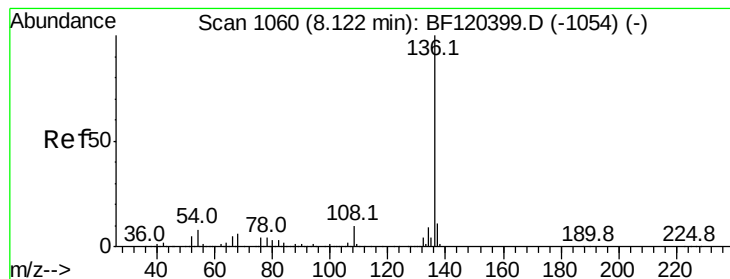
107 100

108 92.9 74.4 114.4

77 90.1 67.6 107.6

79 30.4 10.6 50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1143206

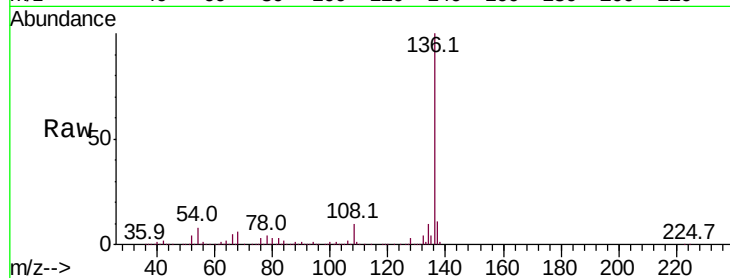
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.9 6.7 10.1

68 6.0 5.0 7.4

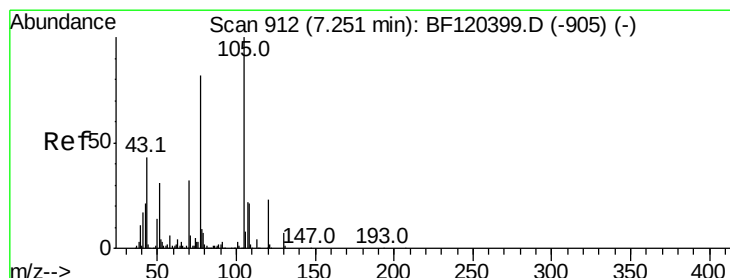
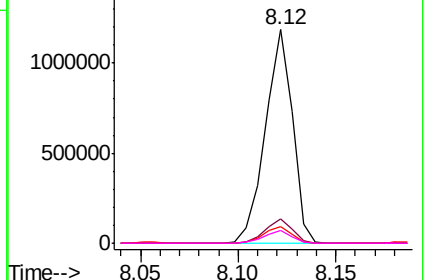
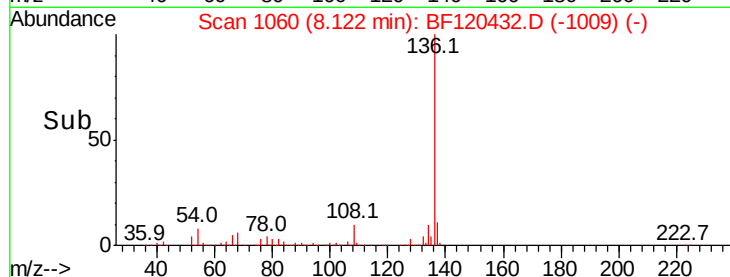


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.775 ng

RT: 7.25 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Tgt Ion:105 Resp: 923485

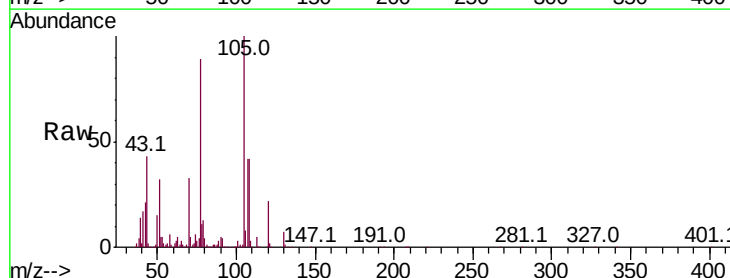
Ion Ratio Lower Upper

105 100

71 5.5 4.4 6.6

51 31.9 24.5 36.7

120 22.5 18.2 27.2

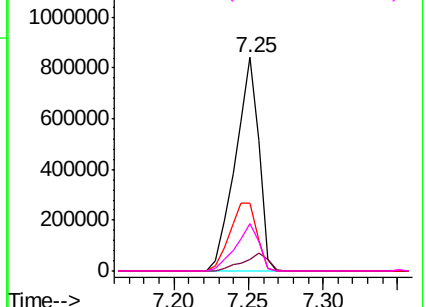
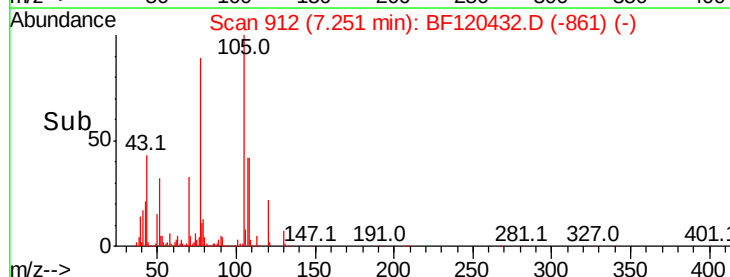


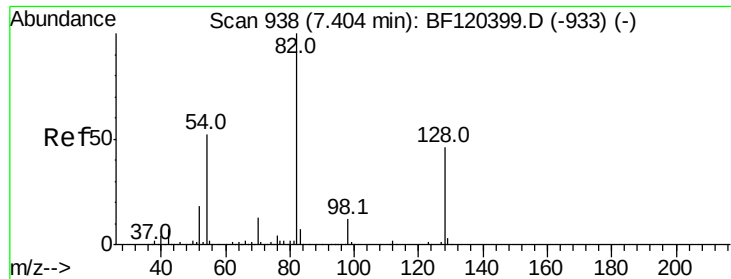
Abundance Ion 105.00 (104.70 to 105.70): E

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

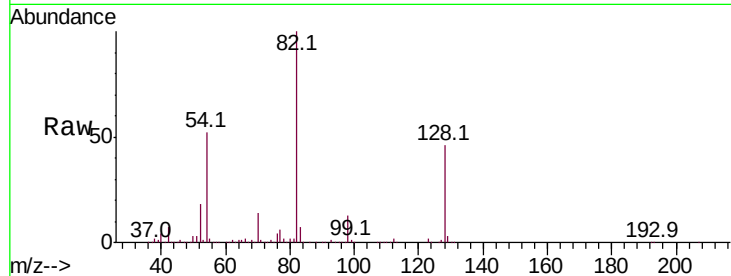




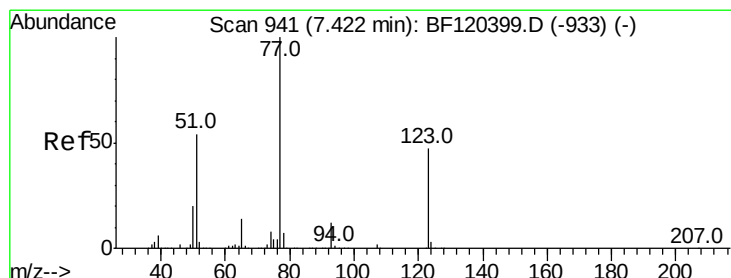
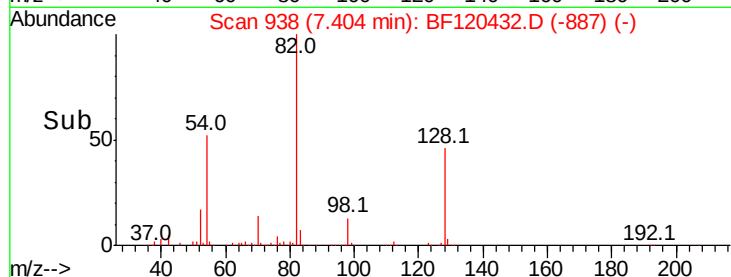
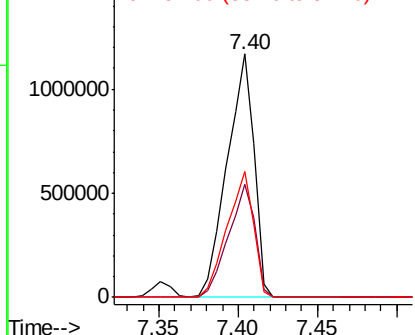
#23
 Nitrobenzene-d5
 Concen: 78.633 ng
 RT: 7.40 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1374250
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.8 55.2
 54 51.7 41.6 62.4

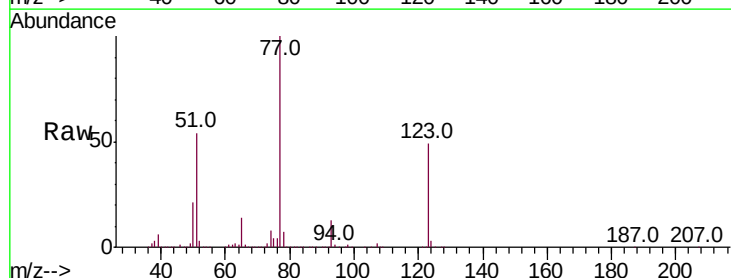


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

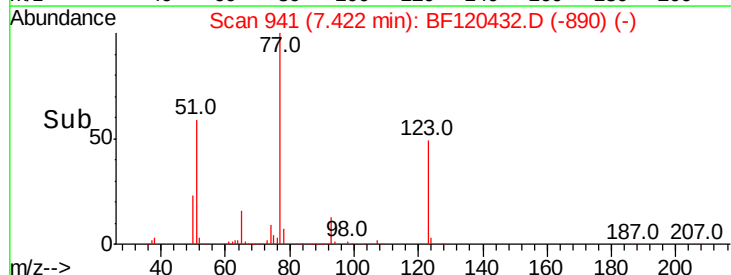
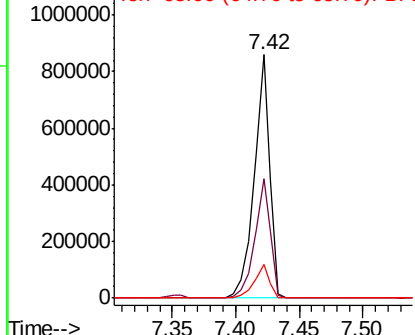


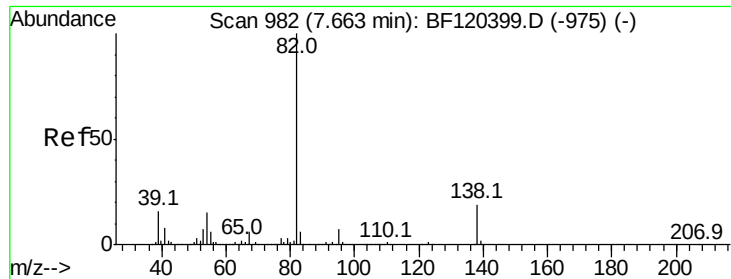
#24
 Nitrobenzene
 Concen: 39.163 ng
 RT: 7.42 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion: 77 Resp: 737294
 Ion Ratio Lower Upper
 77 100
 123 48.8 37.8 56.6
 65 14.1 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.219 ng

RT: 7.66 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

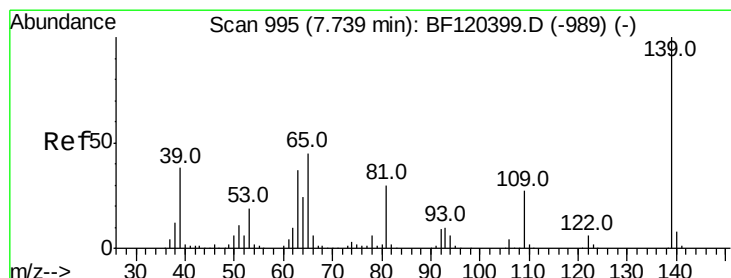
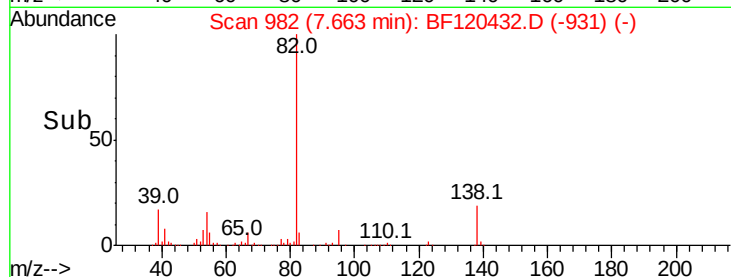
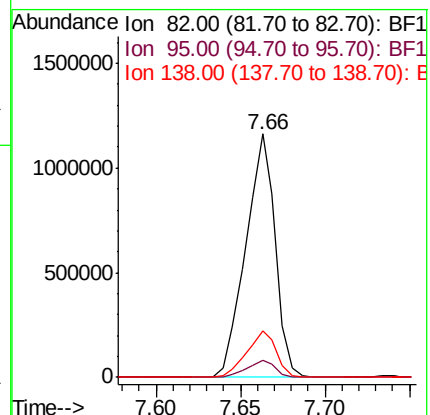
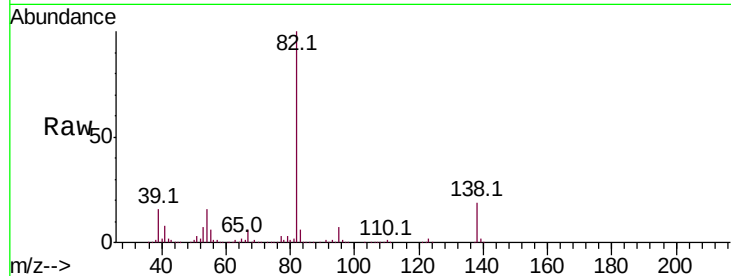
Tot Ion: 82 Resp: 1412709

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 19.2 15.0 22.4



#26

2-Nitrophenol

Concen: 40.904 ng

RT: 7.74 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

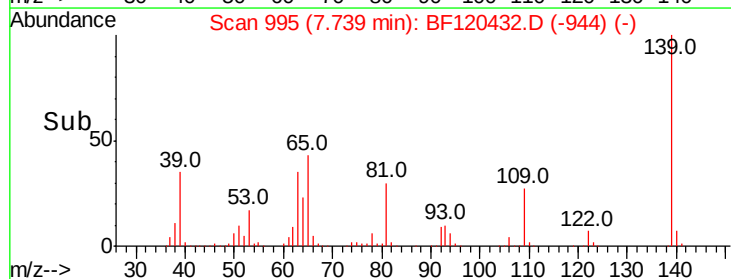
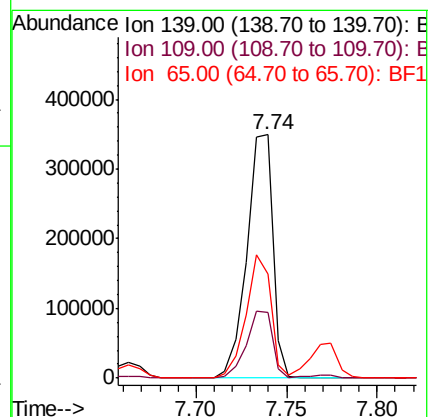
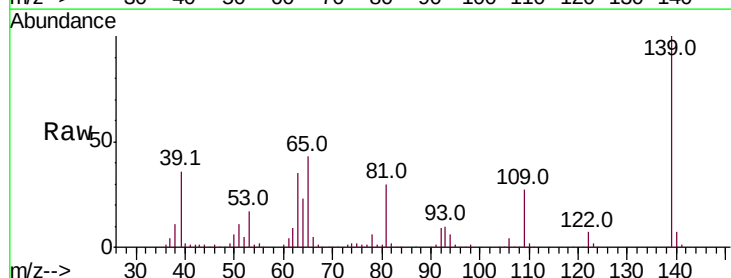
Tgt Ion:139 Resp: 347201

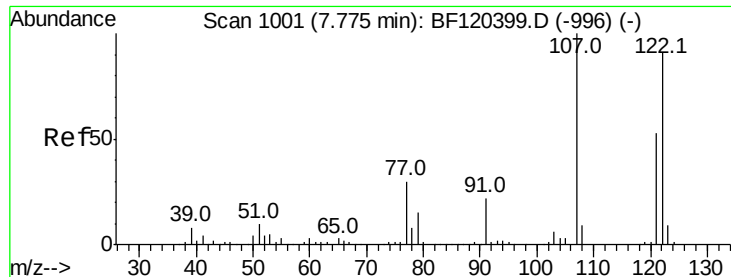
Ion Ratio Lower Upper

139 100

109 26.9 21.2 31.8

65 42.8 35.8 53.6

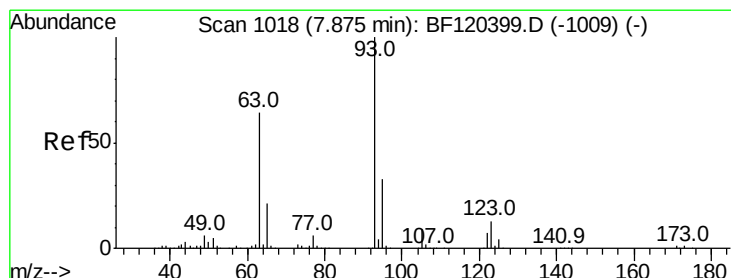
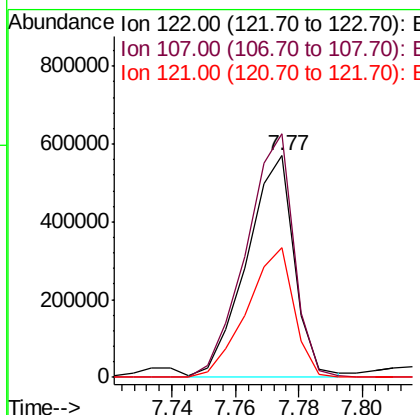
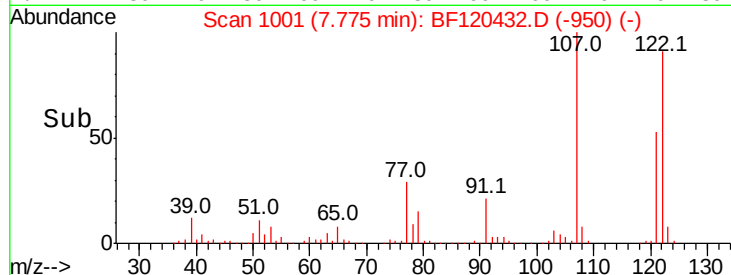
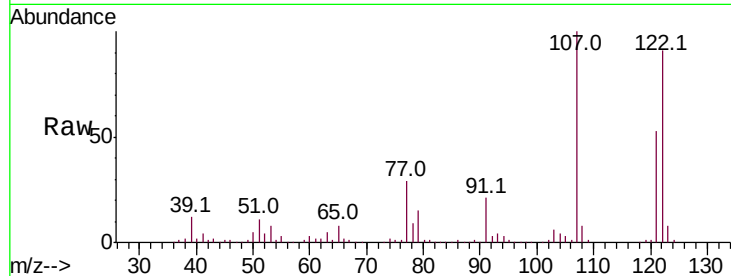




#27
 2,4-Dimethylphenol
 Concen: 40.338 ng
 RT: 7.77 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

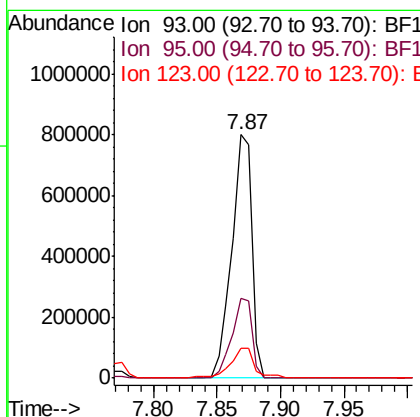
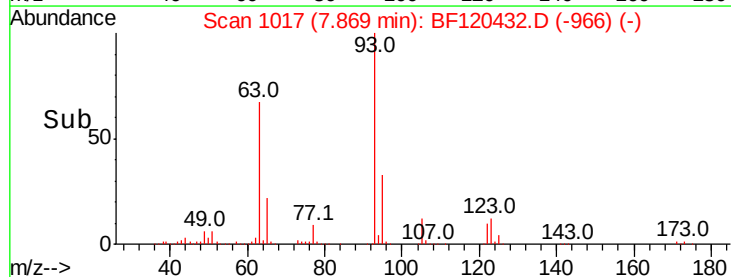
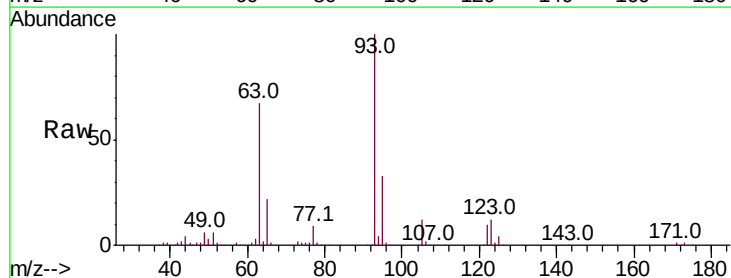
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

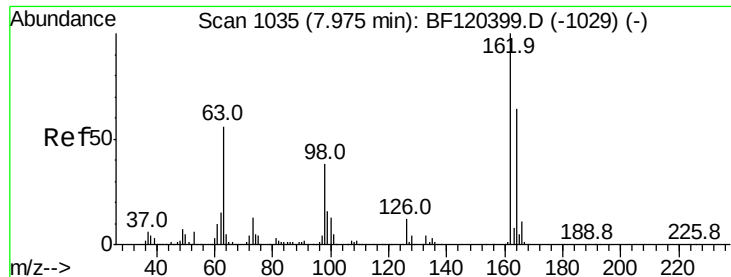
Tot Ion:122	Resp:	594601
Ion	Ratio	Lower Upper
122	100	
107	109.9	87.3 130.9
121	58.5	46.2 69.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.282 ng
 RT: 7.87 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion: 93	Resp:	873254
Ion	Ratio	Lower Upper
93	100	
95	32.9	26.6 39.8
123	12.4	10.3 15.5

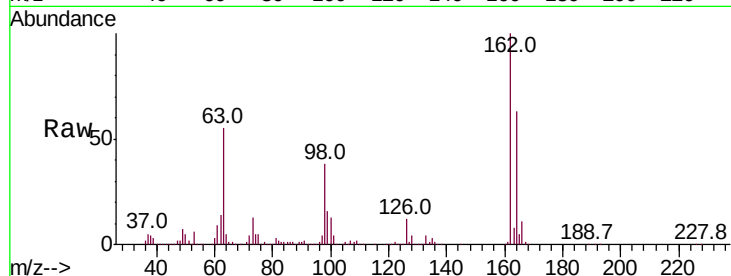




#29
 2,4-Dichlorophenol
 Concen: 41.496 ng
 RT: 7.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.9	83.9
98	37.7	17.8	57.8

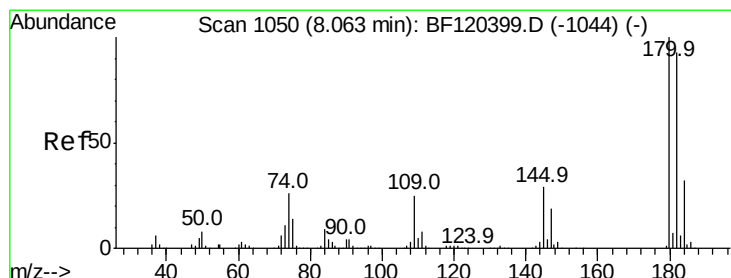
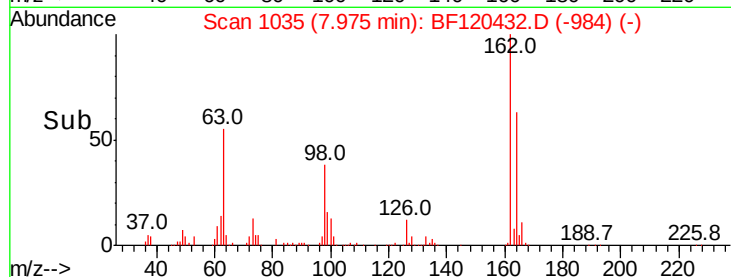
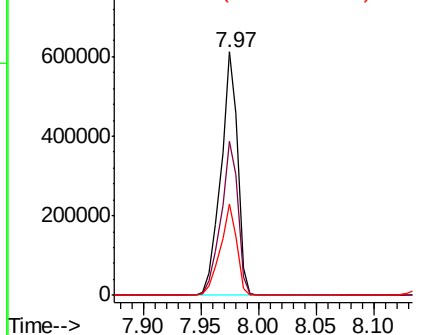


Abundance

Ion 162.00 (161.70 to 162.70): E

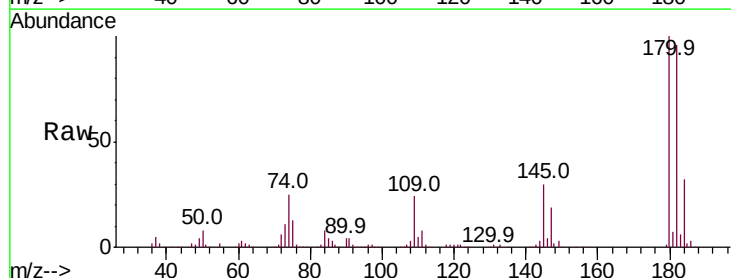
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.706 ng
 RT: 8.06 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	74.6	111.8
145	29.6	23.4	35.2

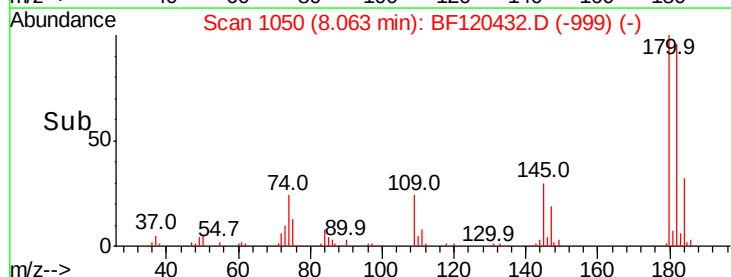
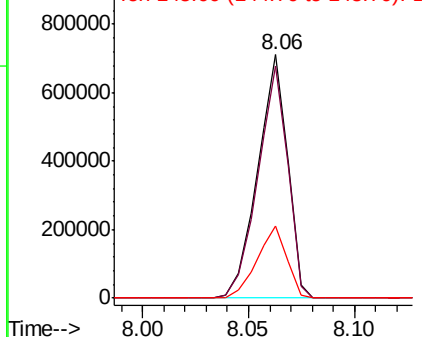


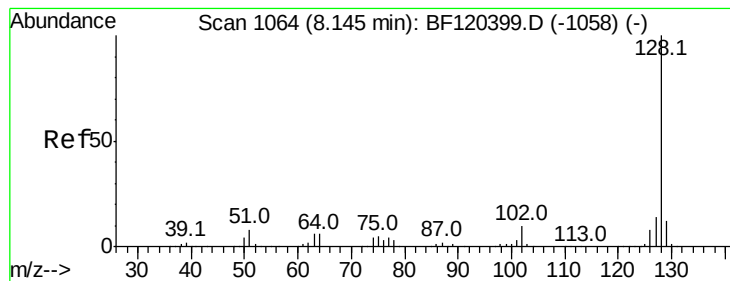
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.529 ng

RT: 8.15 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

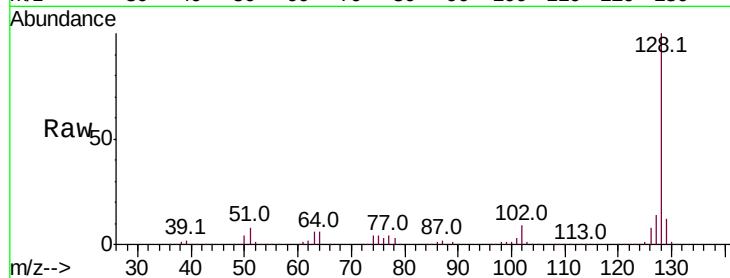
Tot Ion:128 Resp: 2034836

Ion Ratio Lower Upper

128 100

129 11.7 9.7 14.5

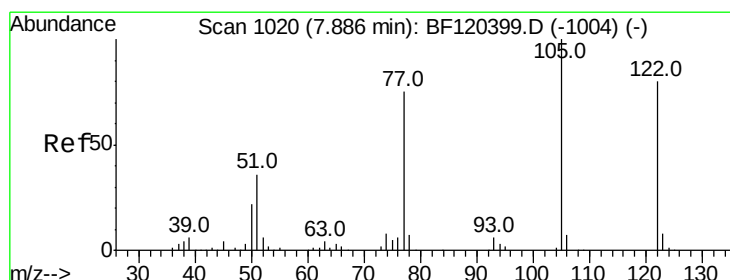
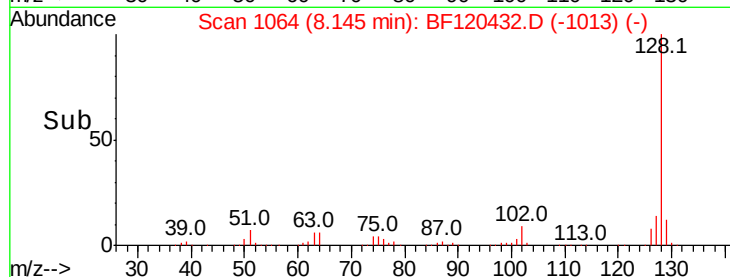
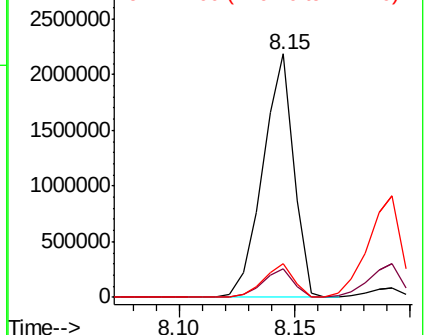
127 14.1 11.0 16.6



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: 39.648 ng

RT: 7.89 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

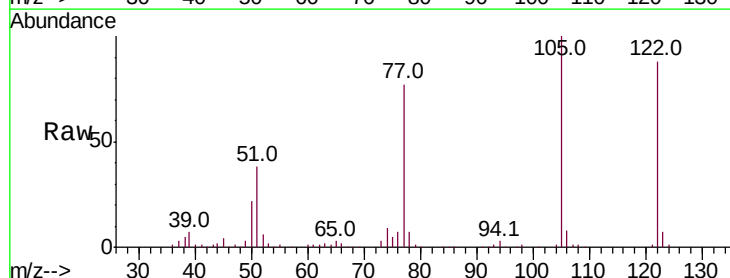
Tgt Ion:122 Resp: 433694

Ion Ratio Lower Upper

122 100

105 114.0 101.1 141.1

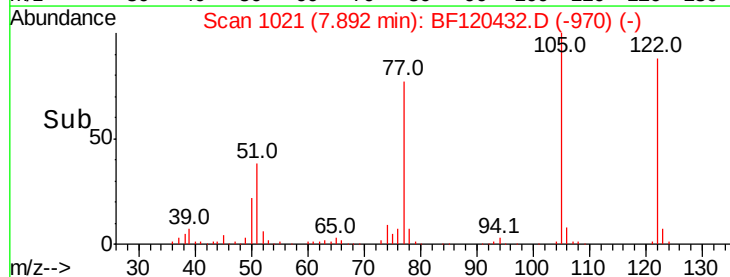
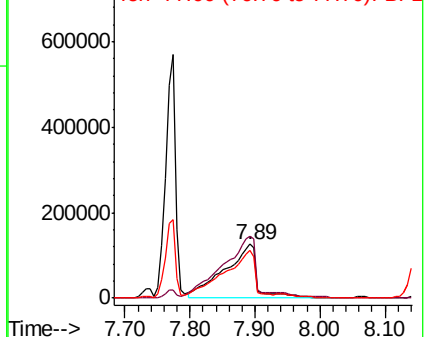
77 87.8 71.9 111.9

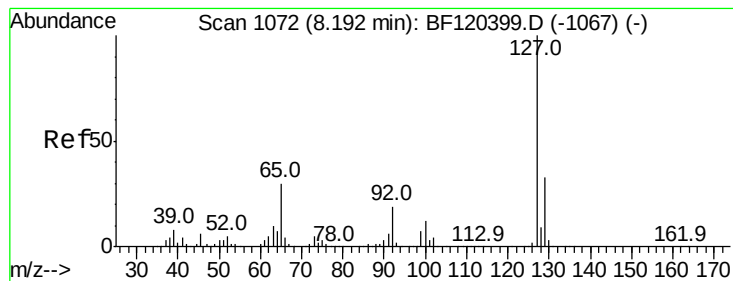


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 40.646 ng

RT: 8.19 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 904447

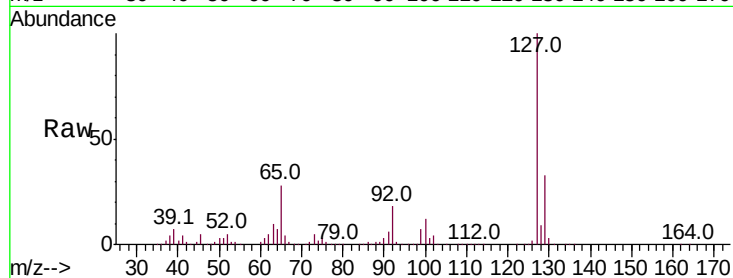
Ion Ratio Lower Upper

127 100

129 32.8 26.8 40.2

65 28.1 23.7 35.5

92 17.8 15.0 22.4

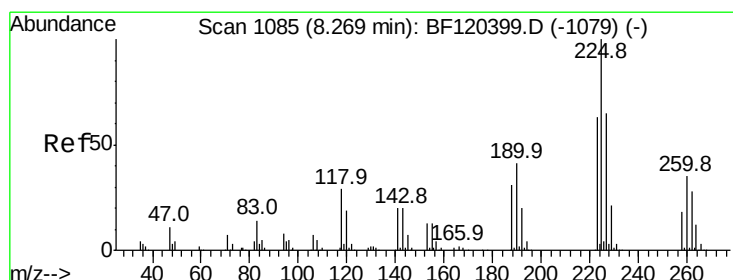
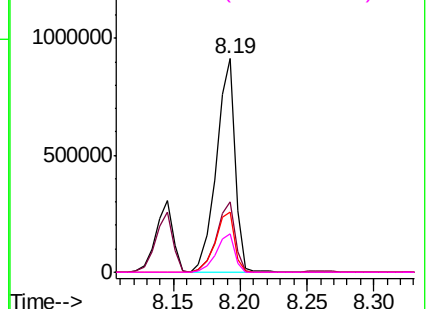
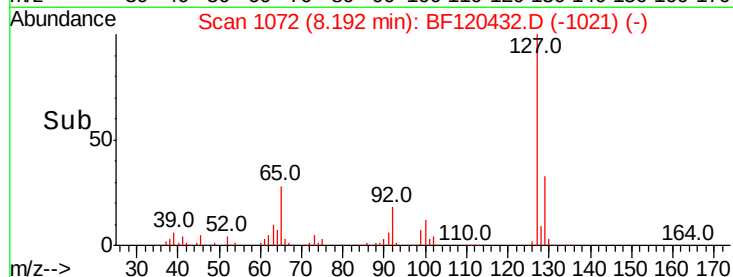


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.649 ng

RT: 8.26 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

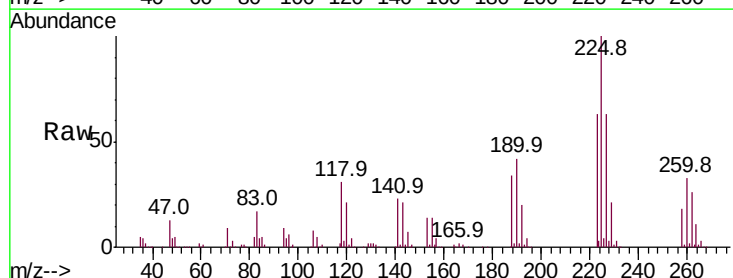
Tgt Ion:225 Resp: 422394

Ion Ratio Lower Upper

225 100

223 62.7 50.2 75.2

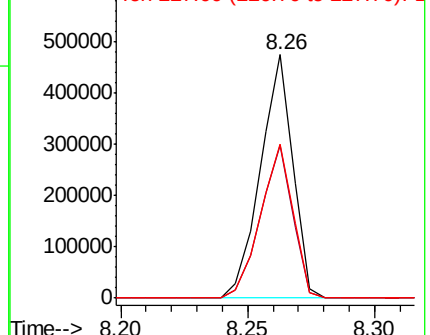
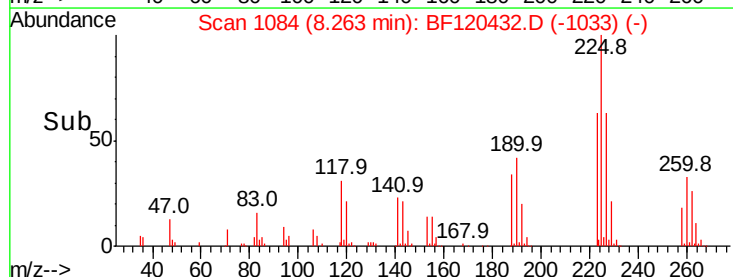
227 63.3 52.1 78.1

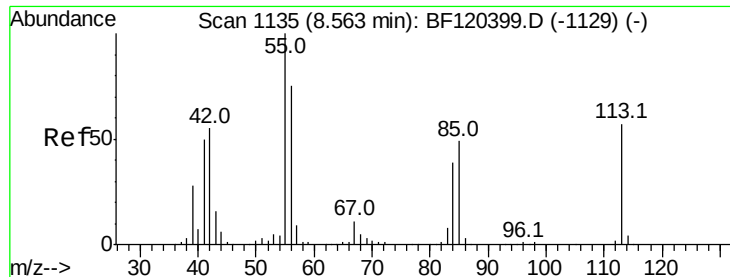


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.935 ng

RT: 8.57 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

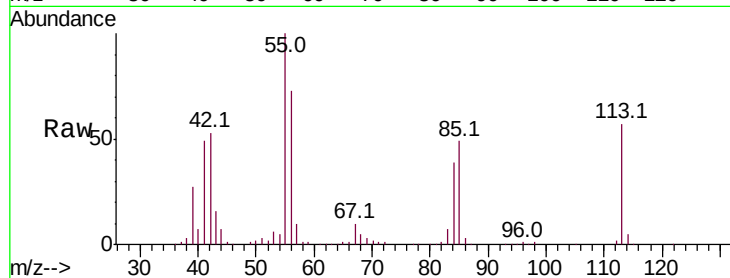
Tot Ion:113 Resp: 187737

Ion Ratio Lower Upper

113 100

55 174.2 154.9 194.9

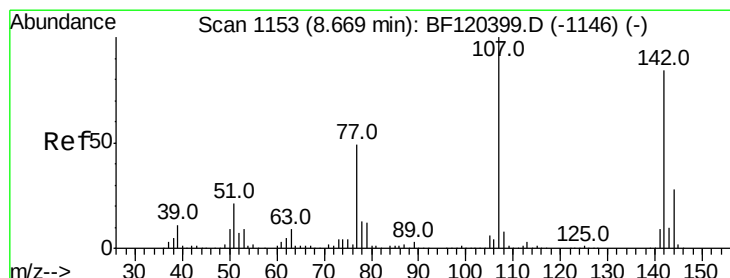
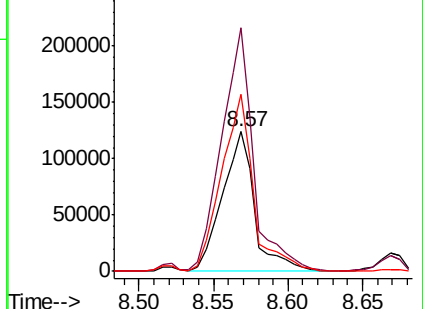
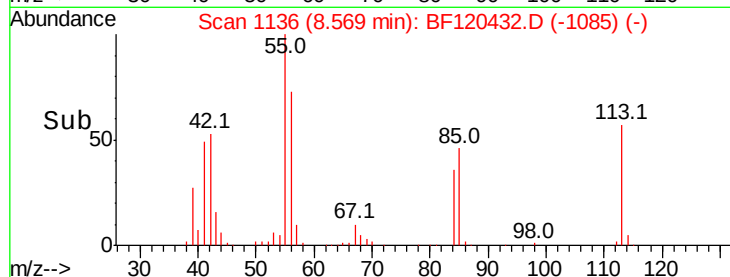
56 126.5 110.9 150.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.986 ng

RT: 8.67 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

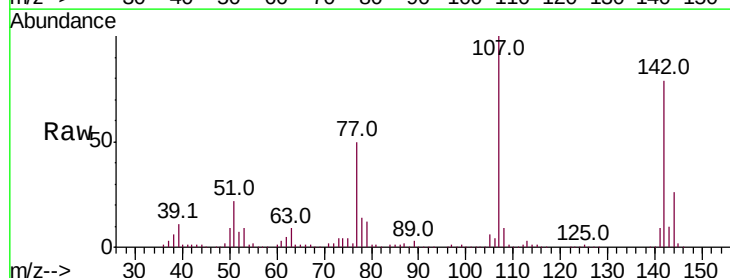
Tgt Ion:107 Resp: 619111

Ion Ratio Lower Upper

107 100

144 25.6 22.0 33.0

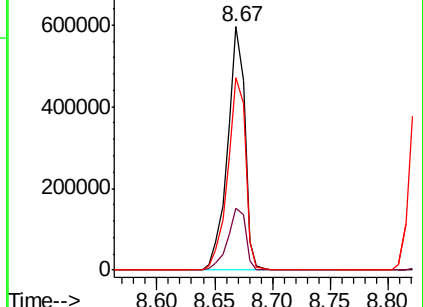
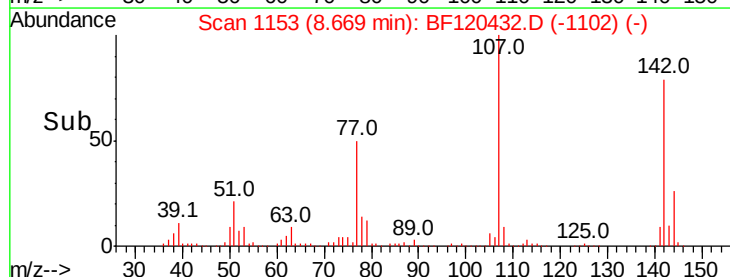
142 79.3 67.0 100.4

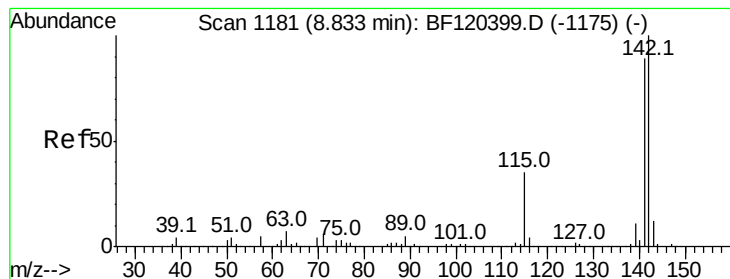


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.544 ng

RT: 8.83 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

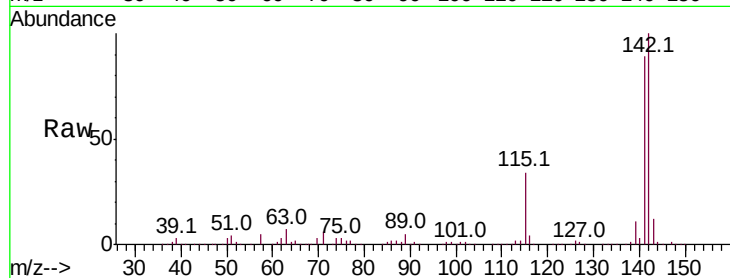
Tot Ion:142 Resp: 1381566

Ion Ratio Lower Upper

142 100

141 89.3 71.4 107.0

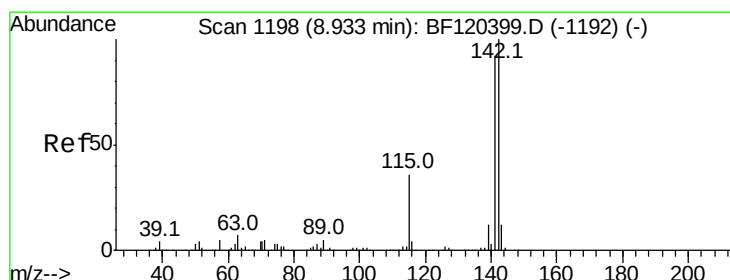
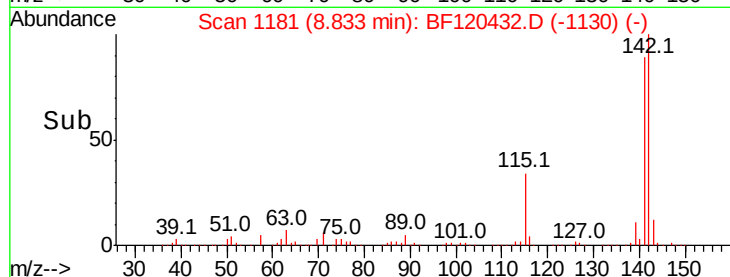
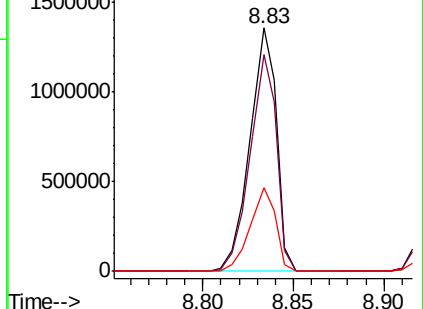
115 34.4 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.353 ng

RT: 8.93 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

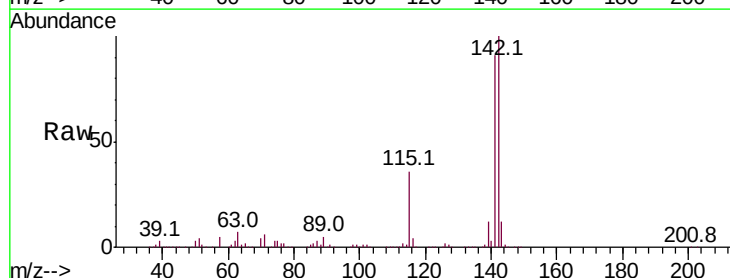
Tgt Ion:142 Resp: 1298081

Ion Ratio Lower Upper

142 100

141 91.2 73.9 110.9

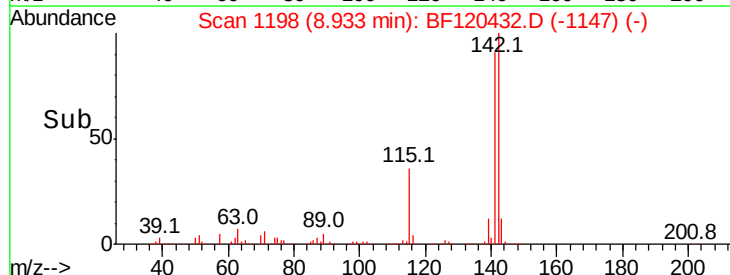
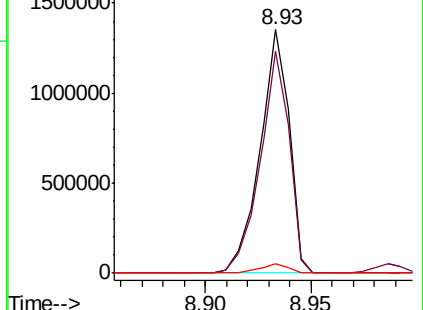
116 3.9 3.1 4.7

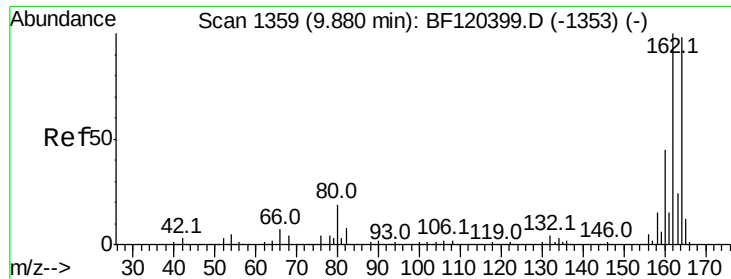


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

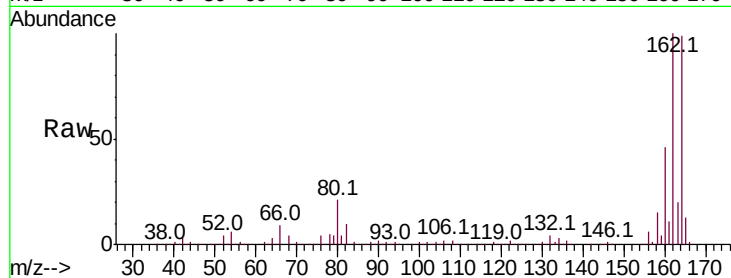
Tot Ion:164 Resp: 589623

Ion Ratio Lower Upper

164 100

162 100.6 81.3 121.9

160 46.6 36.9 55.3

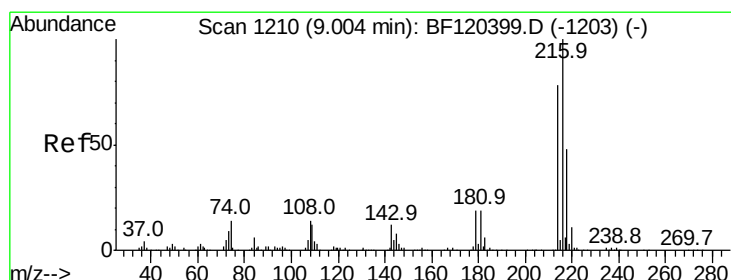
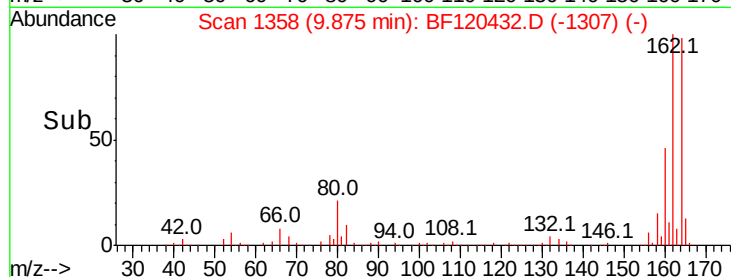
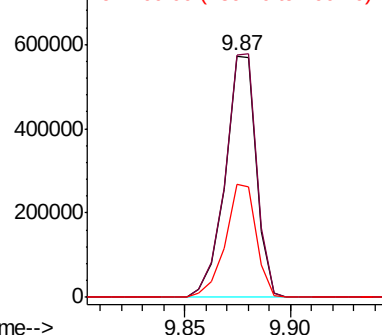


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.161 ng

RT: 9.00 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Tgt Ion:216 Resp: 637495

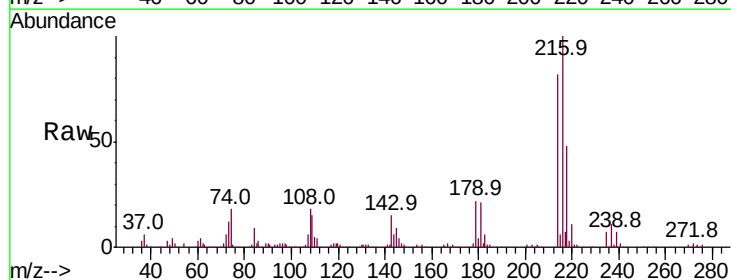
Ion Ratio Lower Upper

216 100

214 79.8 63.6 95.4

179 20.9 16.5 24.7

108 18.6 15.0 22.4



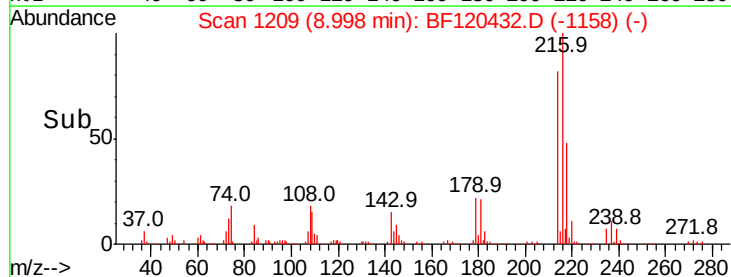
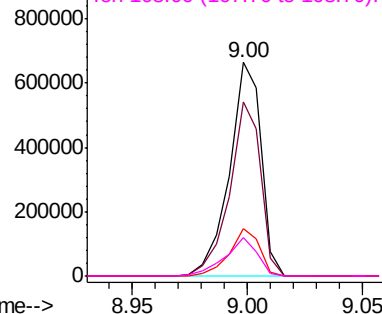
Abundance

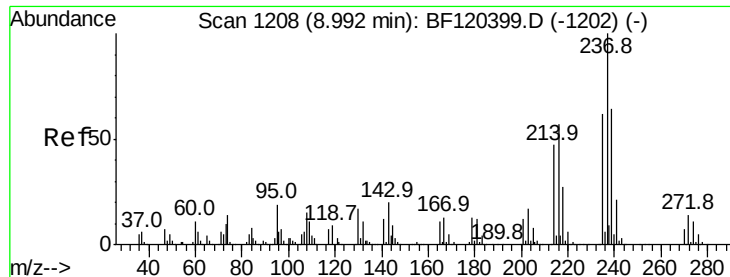
Ion 216.00 (215.70 to 216.70): E

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

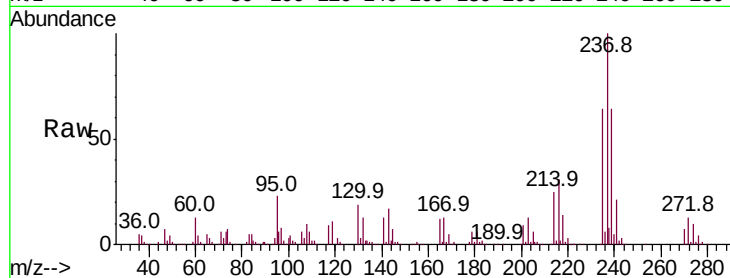




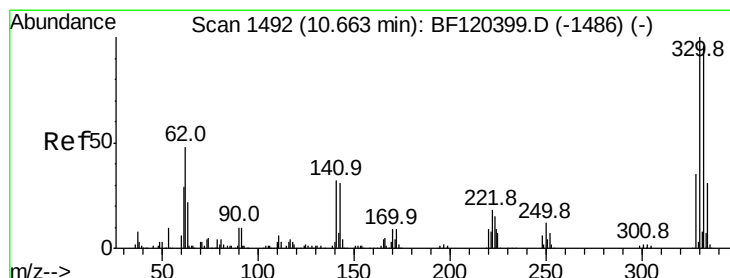
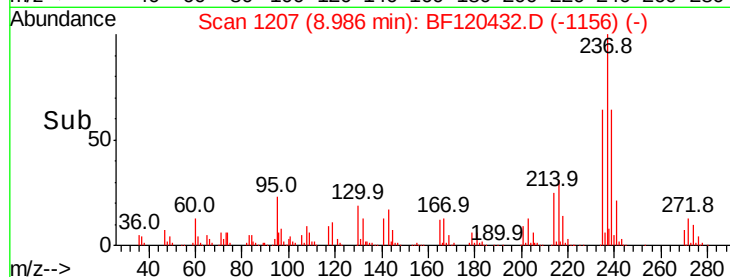
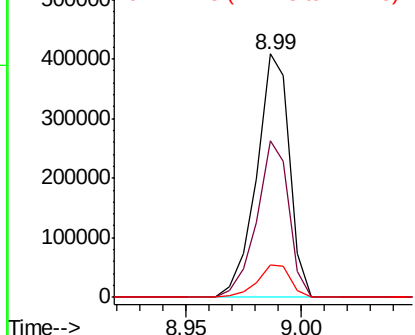
#41
 Hexachlorocyclopentadiene
 Concen: 47.891 ng
 RT: 8.99 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.3	42.4	82.4
272	13.3	0.0	33.6

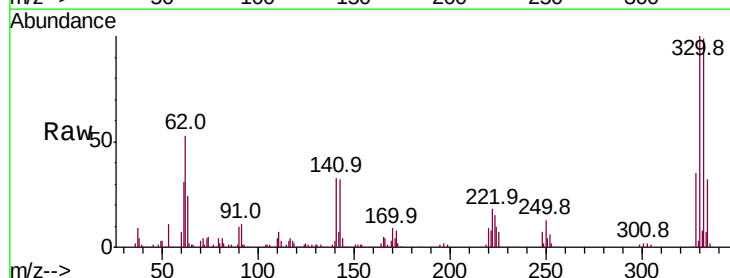


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

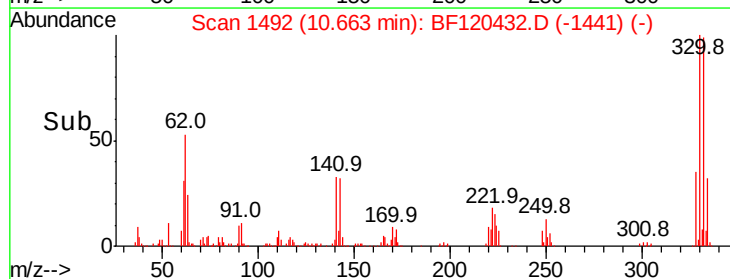
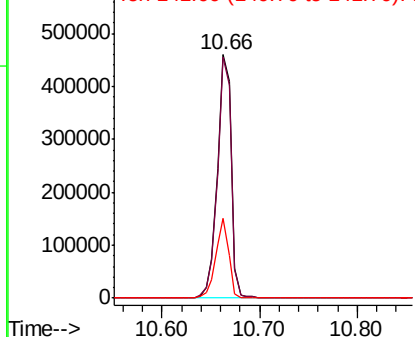


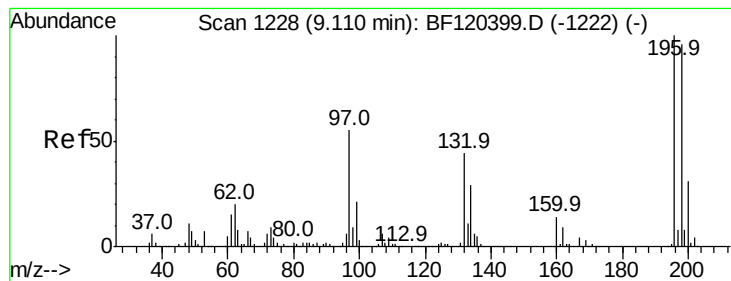
#42
 2,4,6-Tribromophenol
 Concen: 83.379 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	30.6	25.3	37.9



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 43.033 ng

RT: 9.11 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

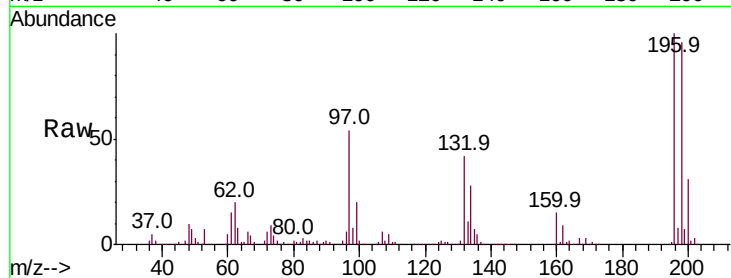
Tot Ion:196 Resp: 470596

Ion Ratio Lower Upper

196 100

198 95.5 77.1 115.7

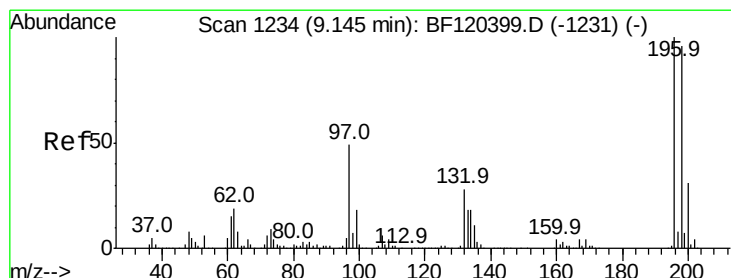
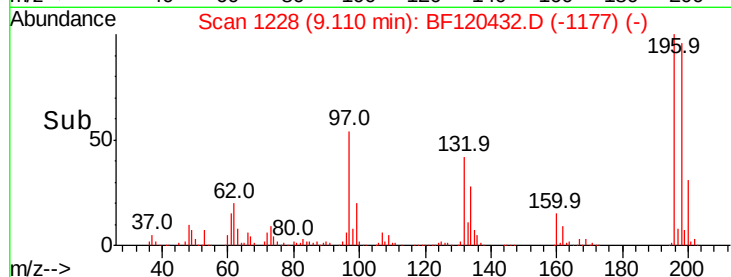
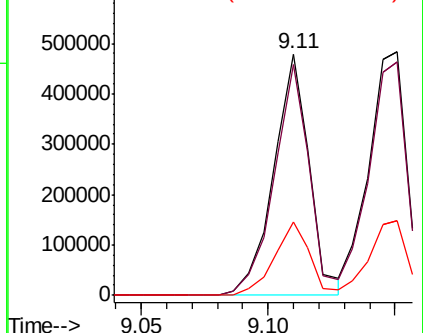
200 30.5 25.0 37.6



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.148 ng

RT: 9.15 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Tgt Ion:196 Resp: 510075

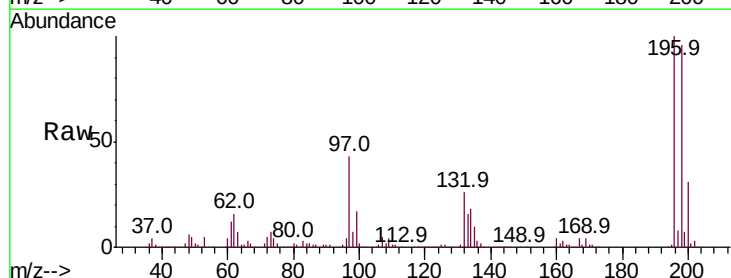
Ion Ratio Lower Upper

196 100

198 95.9 76.6 115.0

97 42.7 39.5 59.3

132 26.4 22.5 33.7

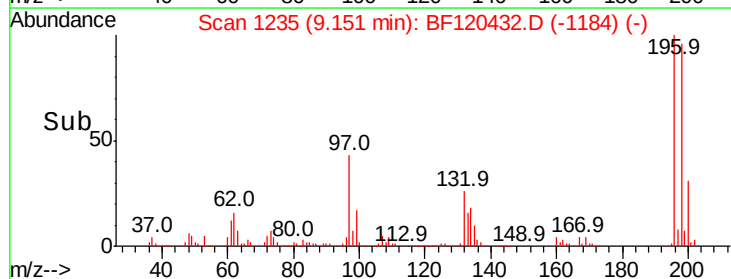
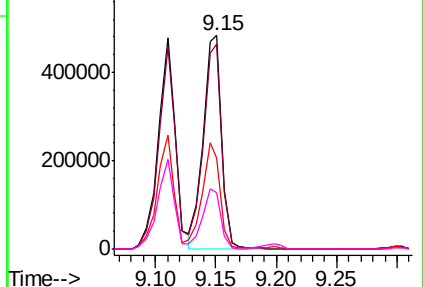


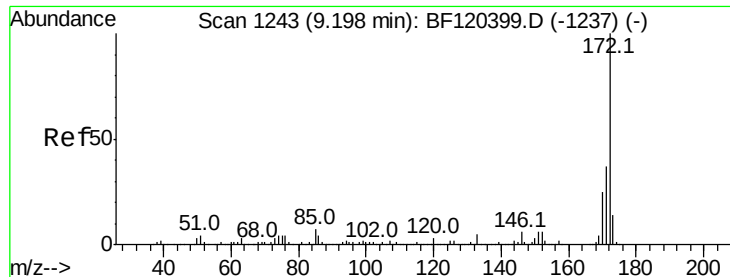
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

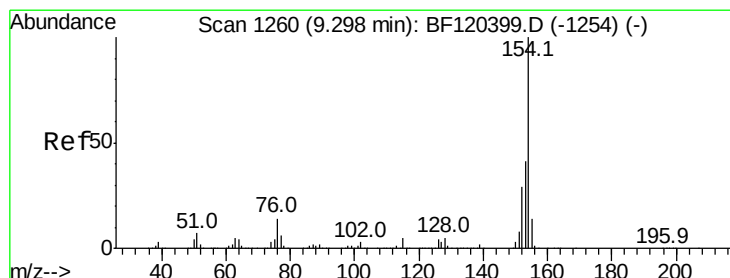
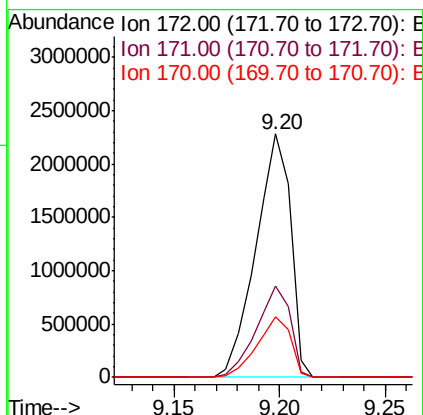
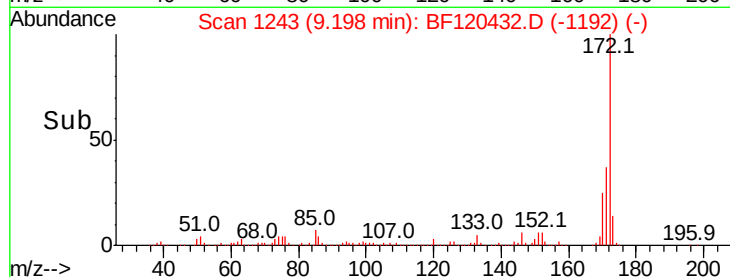
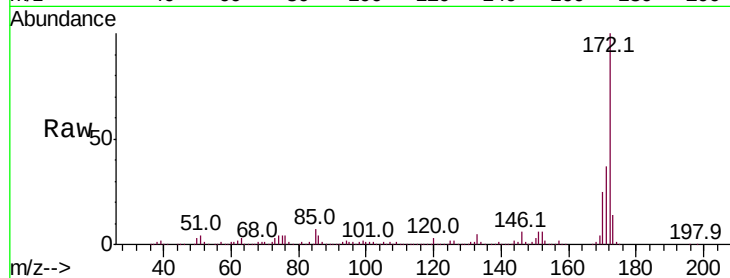




#45
2-Fluorobiphenyl
Concen: 75.099 ng
RT: 9.20 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

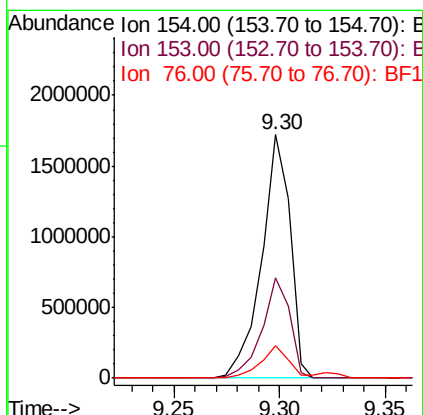
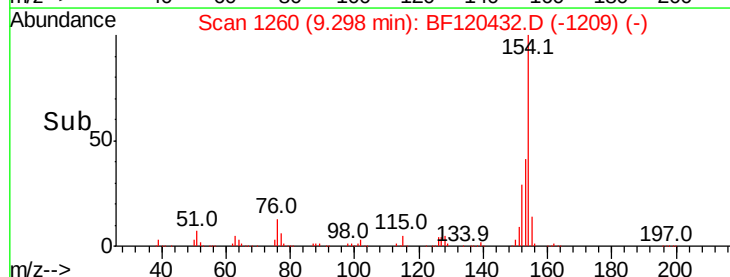
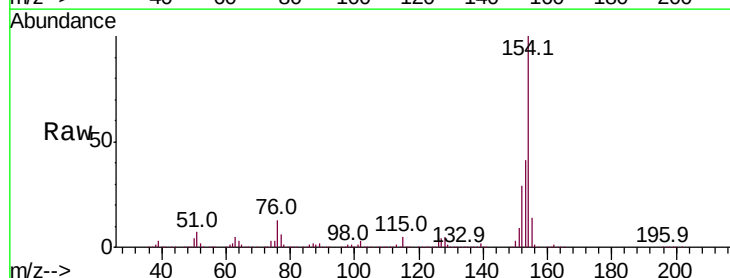
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

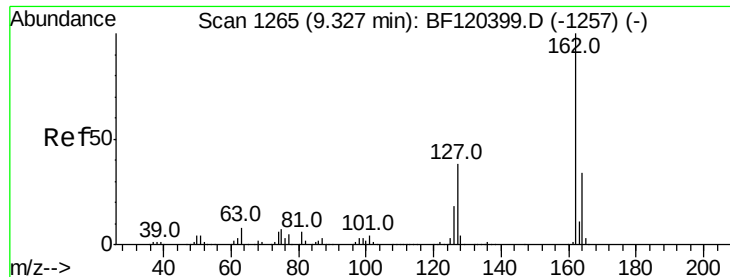
Tot Ion:172 Resp: 2609801
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 24.9 19.9 29.9



#46
1,1'-Biphenyl
Concen: 41.695 ng
RT: 9.30 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion:154 Resp: 1614972
Ion Ratio Lower Upper
154 100
153 41.4 20.9 60.9
76 13.2 0.0 33.7

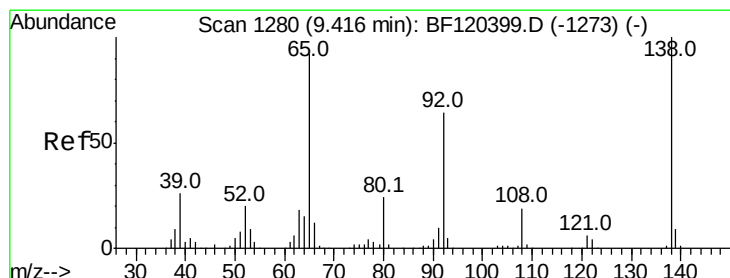
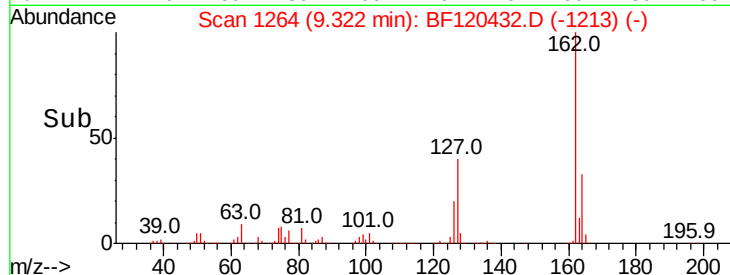
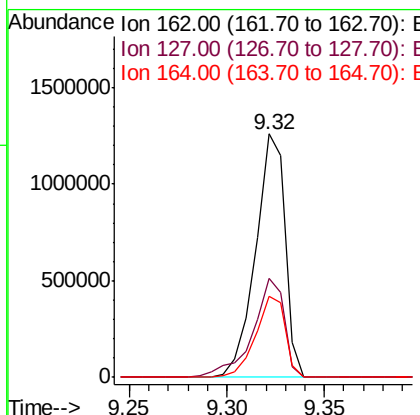
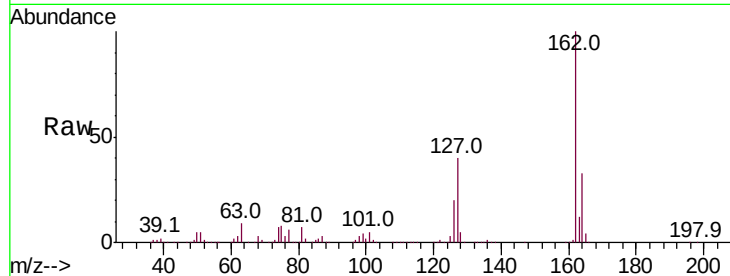




#47
 2-Chloronaphthalene
 Concen: 41.428 ng
 RT: 9.32 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

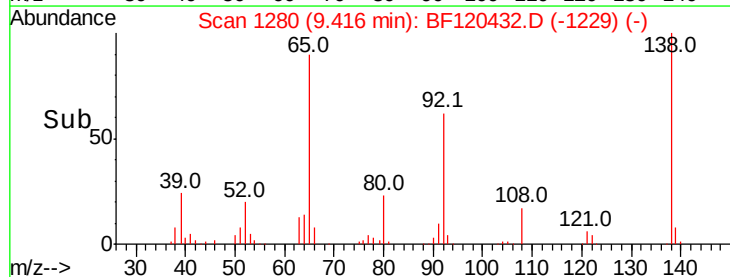
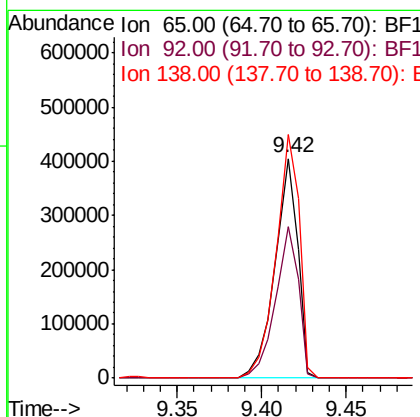
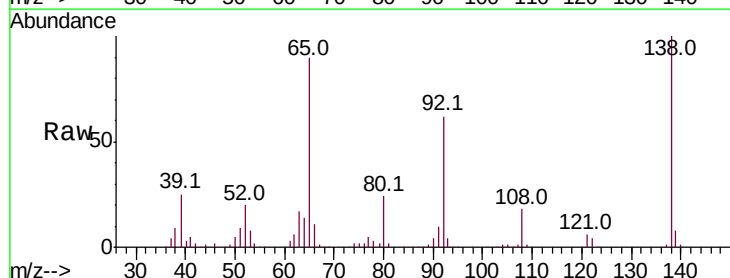
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

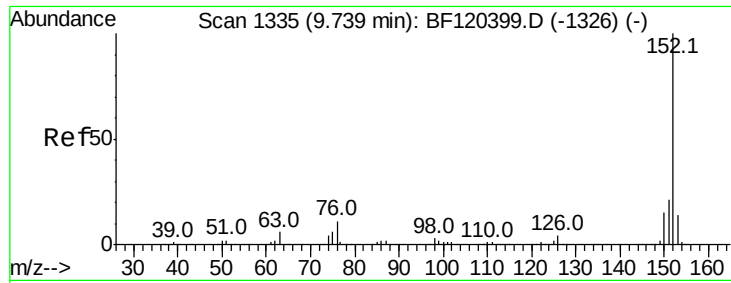
Tot Ion:162 Resp: 1321352
 Ion Ratio Lower Upper
 162 100
 127 40.4 30.6 46.0
 164 33.4 27.1 40.7



#48
 2-Nitroaniline
 Concen: 38.889 ng
 RT: 9.42 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion: 65 Resp: 377789
 Ion Ratio Lower Upper
 65 100
 92 69.1 55.7 83.5
 138 110.8 86.9 130.3





#49

Acenaphthylene

Concen: 40.760 ng

RT: 9.74 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

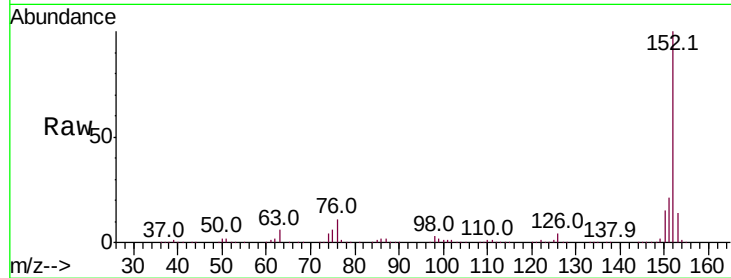
Tot Ion:152 Resp: 2008946

Ion Ratio Lower Upper

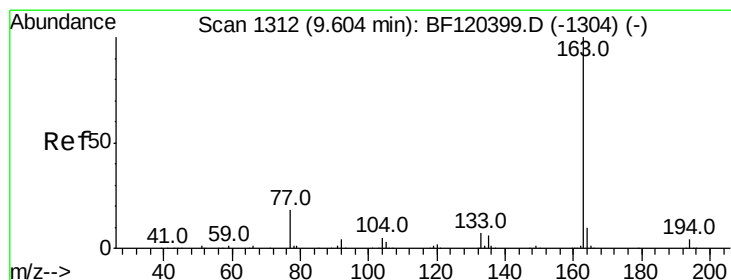
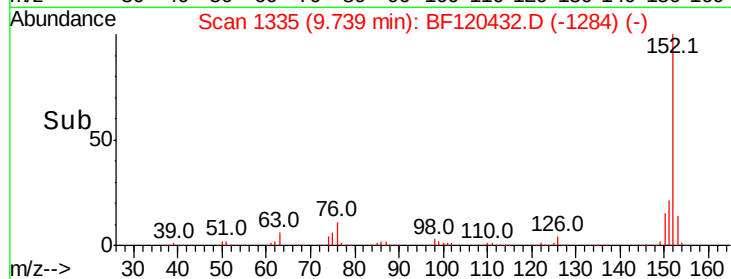
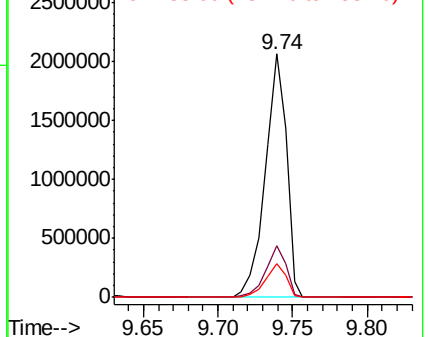
152 100

151 21.2 16.8 25.2

153 14.0 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.256 ng

RT: 9.60 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

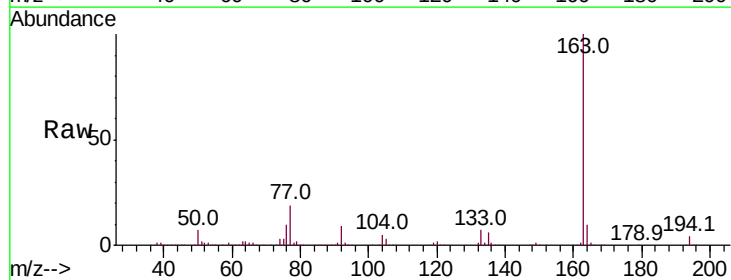
Tgt Ion:163 Resp: 1483891

Ion Ratio Lower Upper

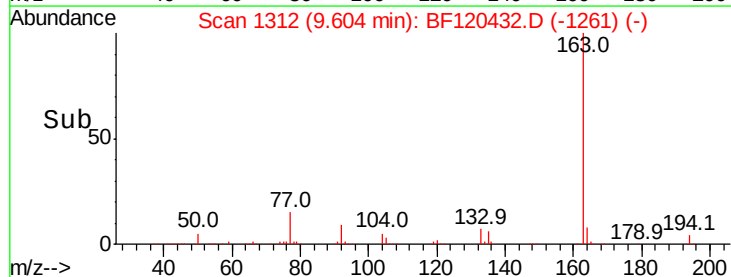
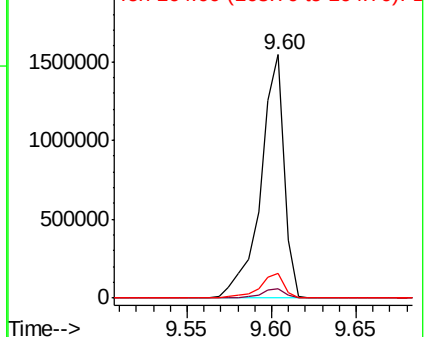
163 100

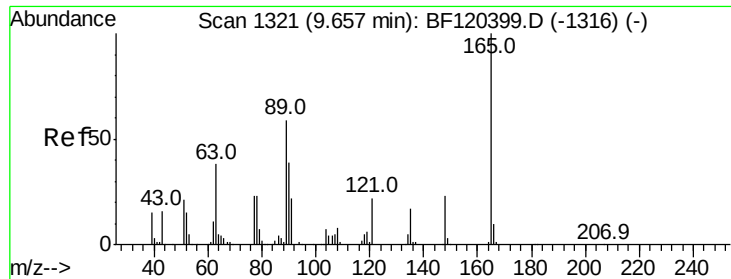
194 4.0 3.3 4.9

164 10.2 8.3 12.5



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: 38.923 ng

RT: 9.66 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

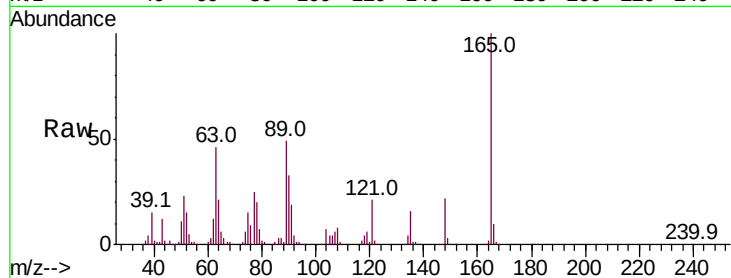
Tot Ion:165 Resp: 318849

Ion Ratio Lower Upper

165 100

63 45.6 46.9 70.3#

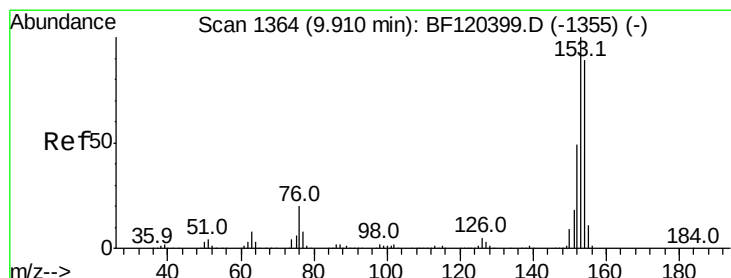
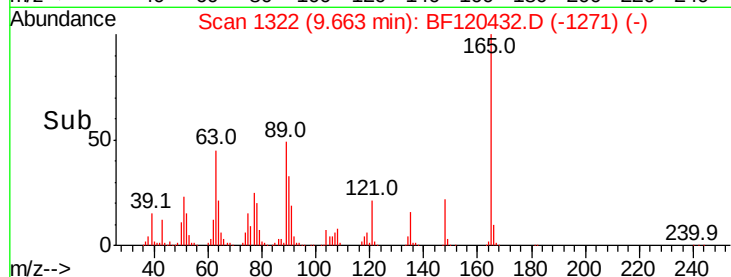
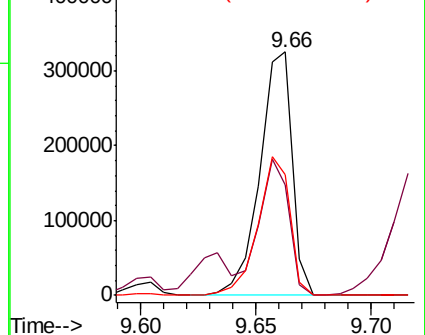
89 49.4 47.5 71.3



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: 40.732 ng

RT: 9.91 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

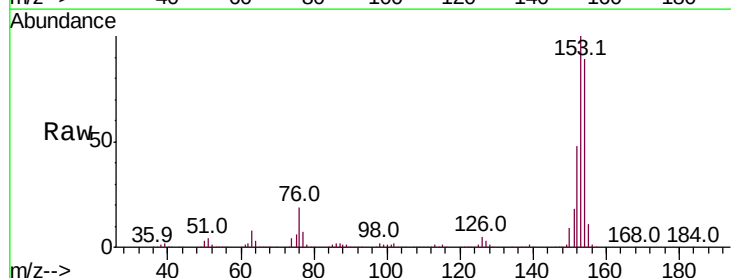
Tgt Ion:154 Resp: 1252954

Ion Ratio Lower Upper

154 100

153 112.5 90.0 135.0

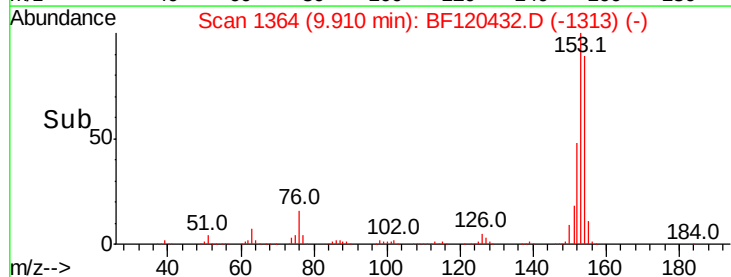
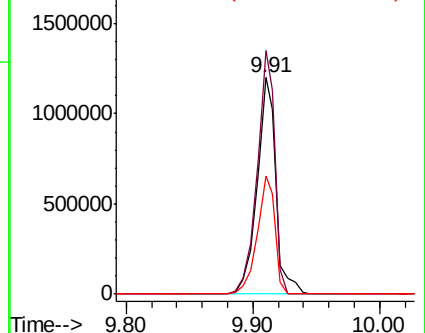
152 54.4 43.9 65.9

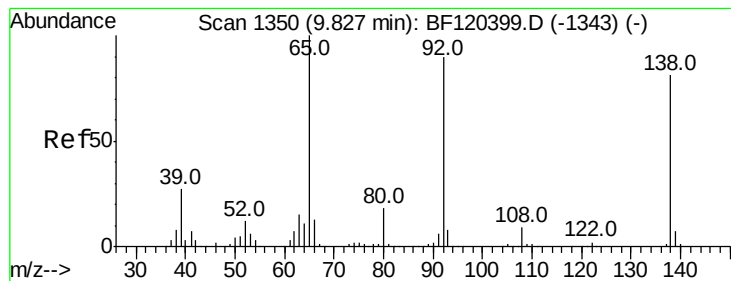


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 39.248 ng

RT: 9.83 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

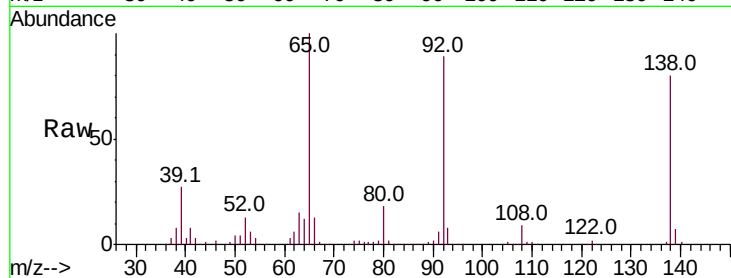
Tot Ion:138 Resp: 377553

Ion Ratio Lower Upper

138 100

108 11.0 8.5 12.7

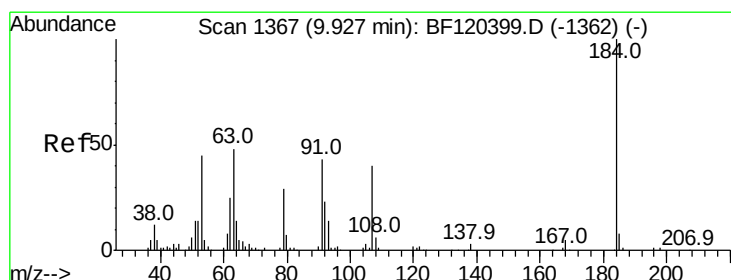
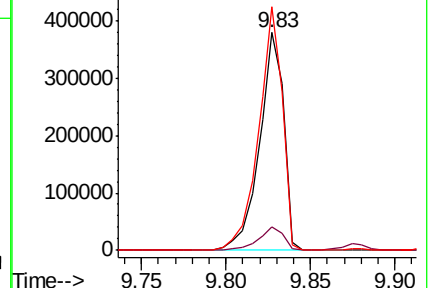
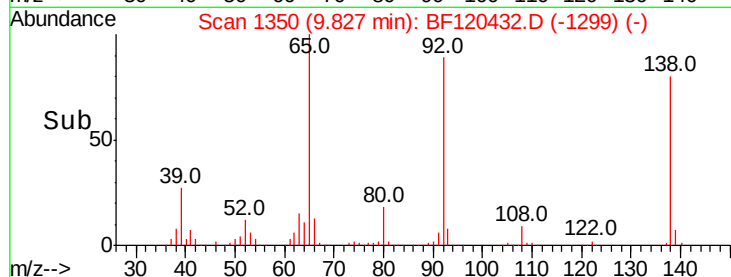
92 111.9 89.0 133.4



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: 42.553 ng

RT: 9.93 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

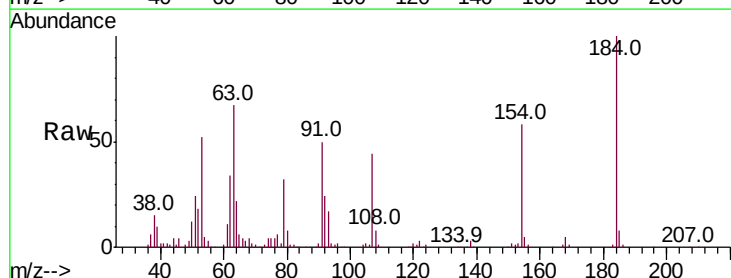
Tgt Ion:184 Resp: 127395

Ion Ratio Lower Upper

184 100

63 66.7 45.9 68.9

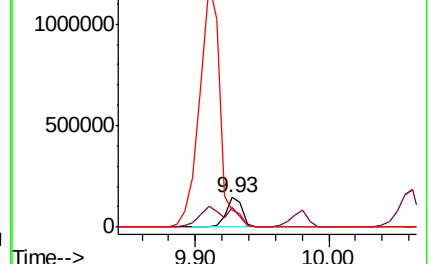
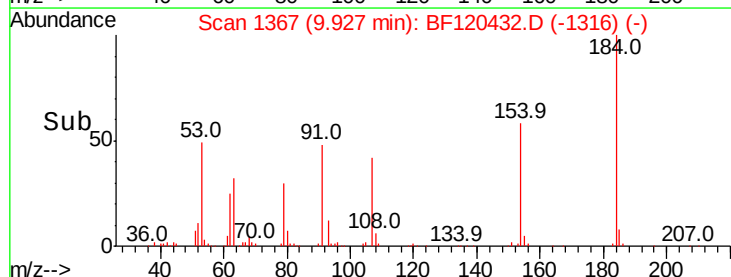
154 58.3 46.4 69.6

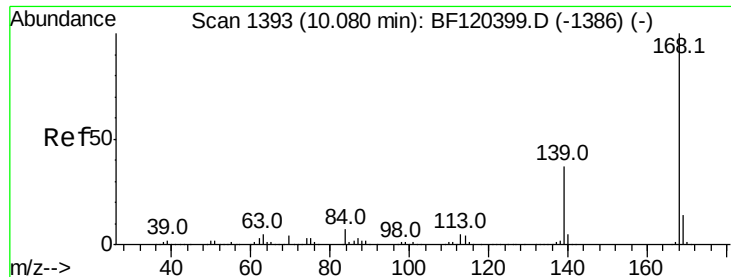


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

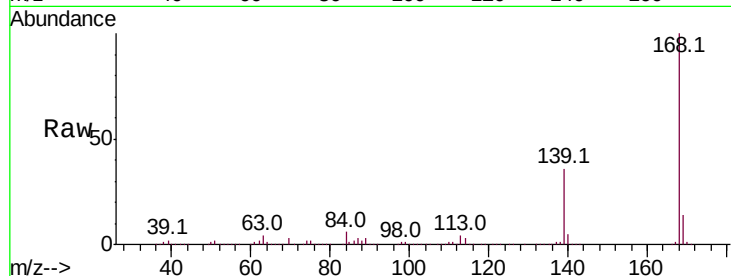




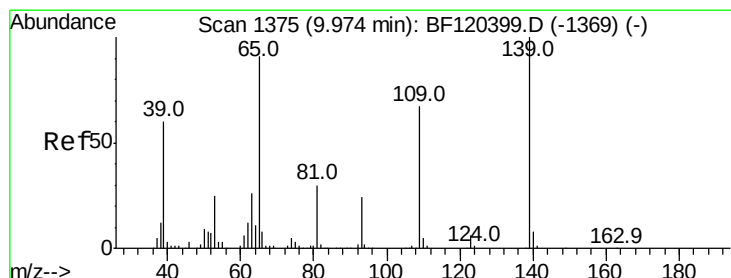
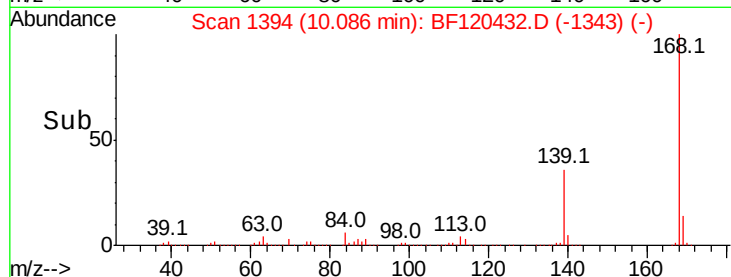
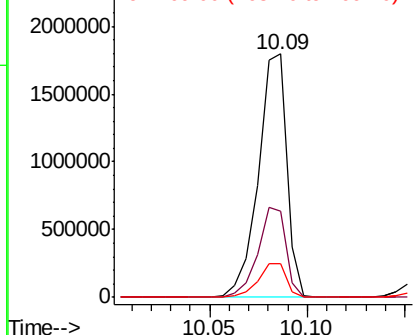
#55
Dibenzenofuran
Concen: 40.623 ng
RT: 10.09 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1815906
Ion Ratio Lower Upper
168 100
139 35.6 30.0 45.0
169 13.6 11.5 17.3

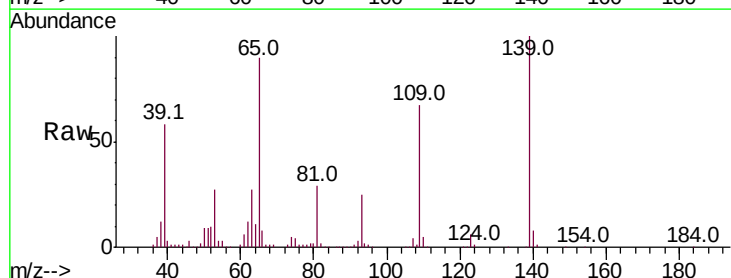


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

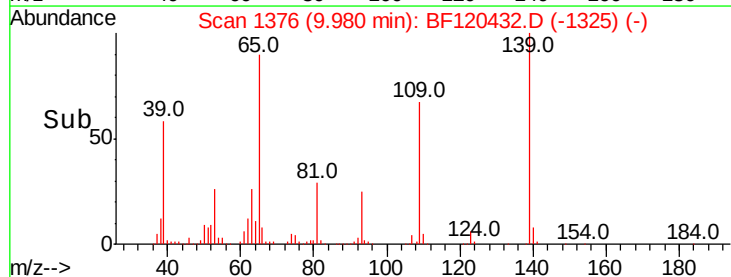
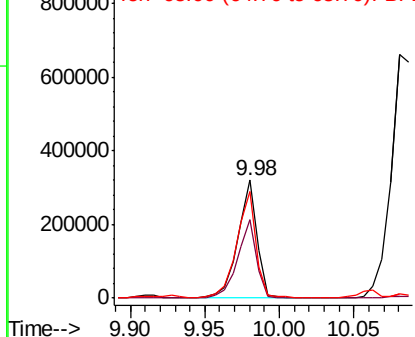


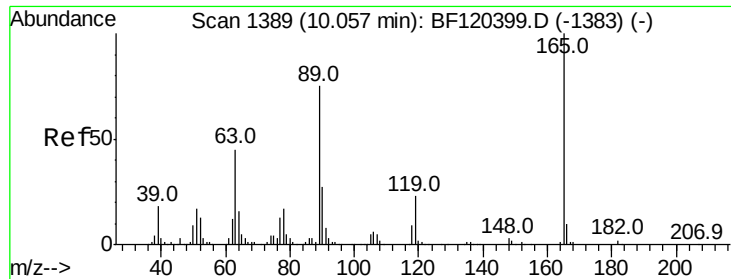
#56
4-Nitrophenol
Concen: 39.072 ng
RT: 9.98 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion:139 Resp: 287752
Ion Ratio Lower Upper
139 100
109 66.5 47.3 87.3
65 90.5 71.5 111.5



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

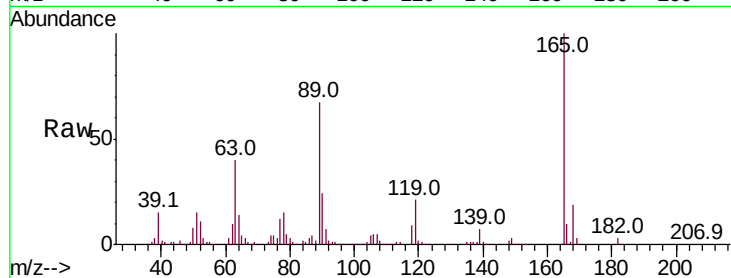




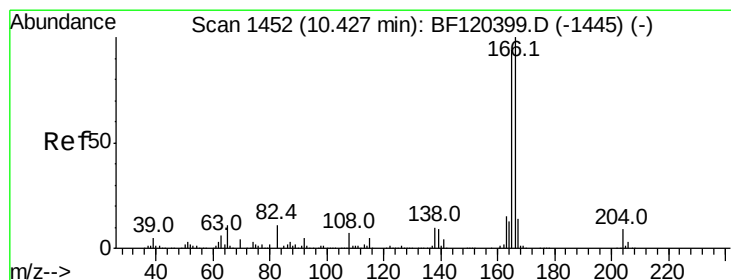
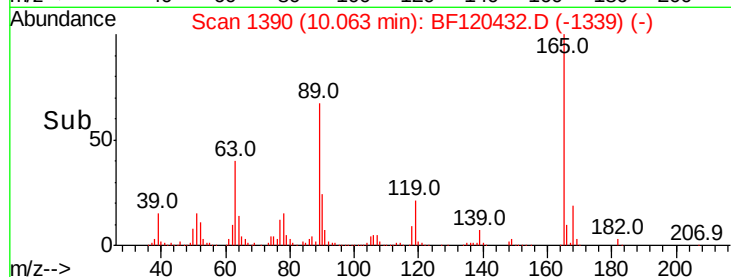
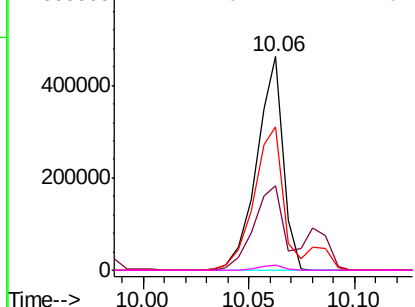
#57
 2,4-Dinitrotoluene
 Concen: 38.332 ng
 RT: 10.06 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	165	Resp:	401881
Ion	Ratio	Lower	Upper
165	100		
63	39.8	35.9	53.9
89	67.3	60.0	90.0
182	2.6	2.0	3.0

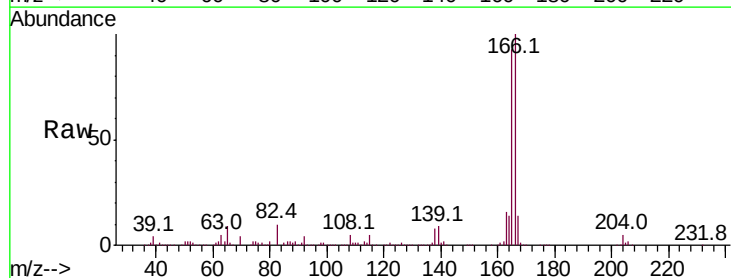


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

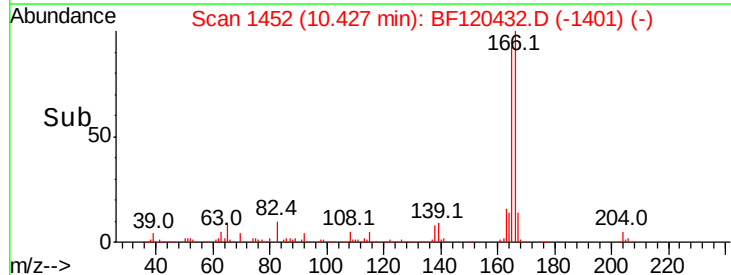
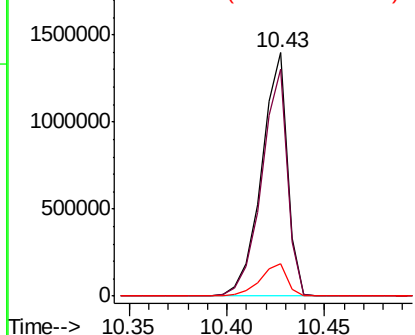


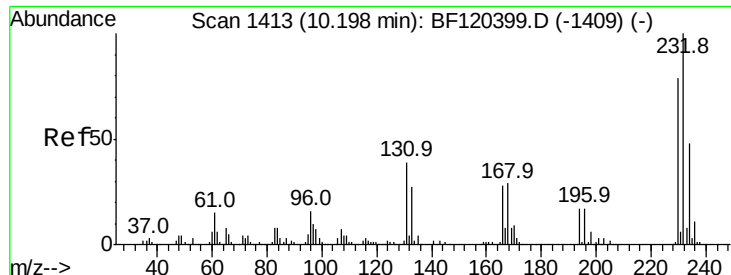
#58
 Fluorene
 Concen: 38.224 ng
 RT: 10.43 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion:	166	Resp:	1282242
Ion	Ratio	Lower	Upper
166	100		
165	93.5	75.6	113.4
167	13.5	10.9	16.3



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

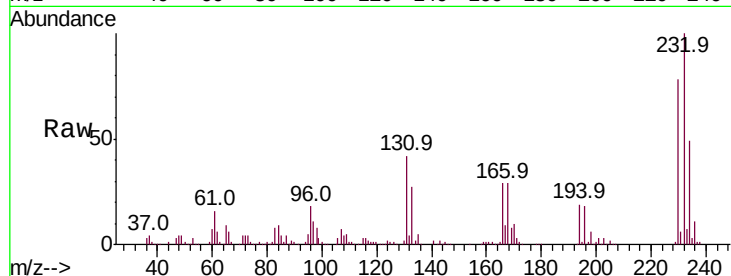




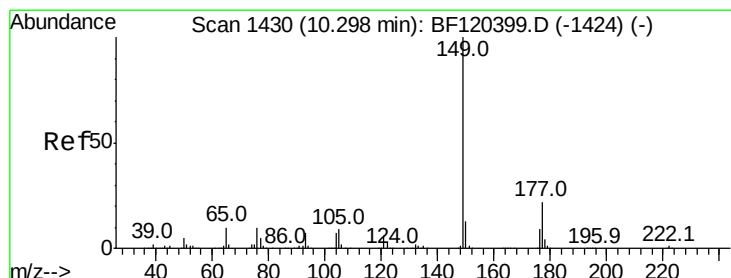
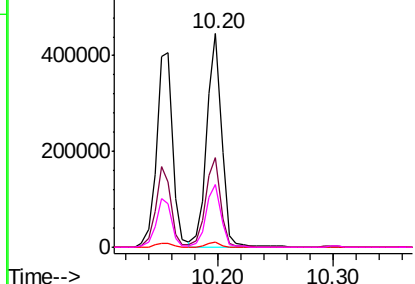
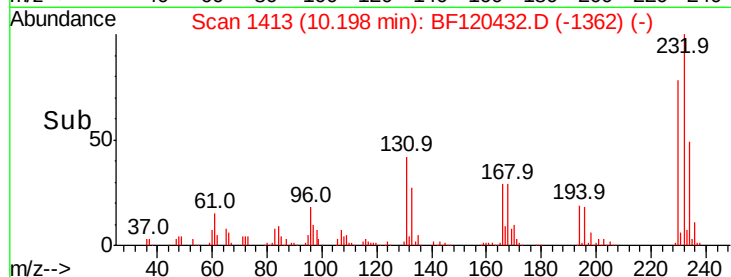
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.601 ng
 RT: 10.20 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 401843
 Ion Ratio Lower Upper
 232 100
 131 42.5 34.6 51.8
 130 2.1 1.7 2.5
 166 29.7 23.7 35.5

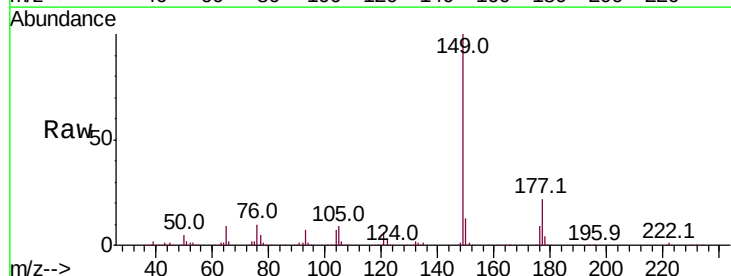


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

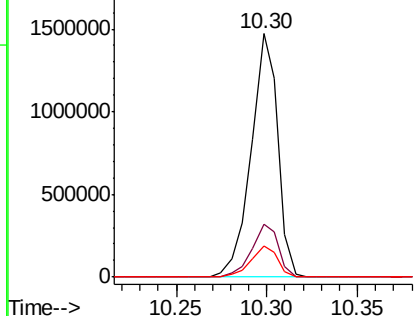
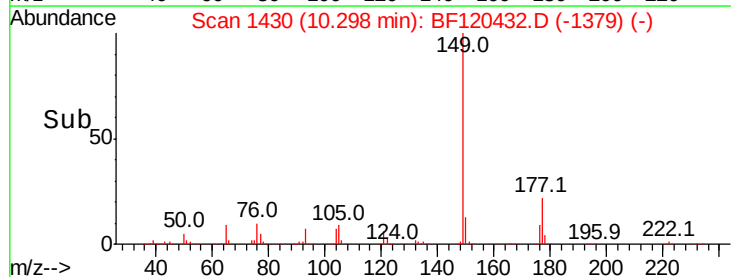


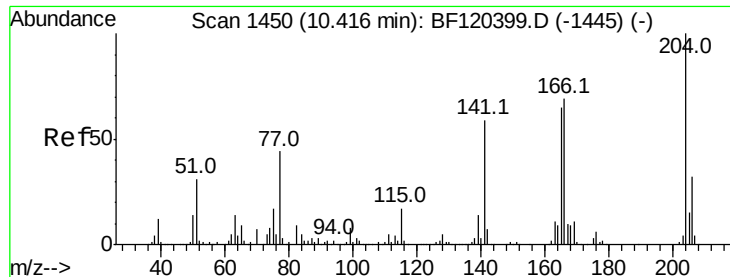
#60
 Diethylphthalate
 Concen: 40.336 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion:149 Resp: 1502525
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.4 26.2
 150 13.0 10.3 15.5



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

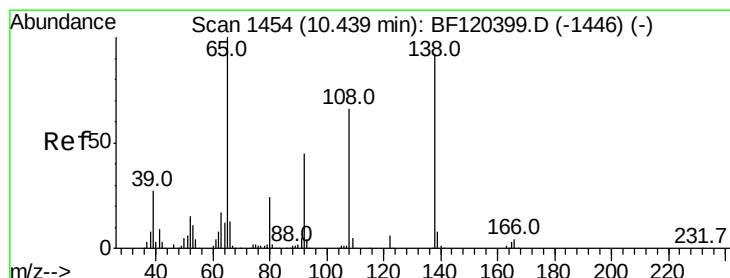
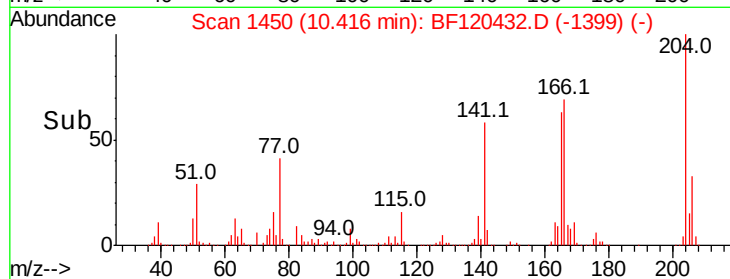
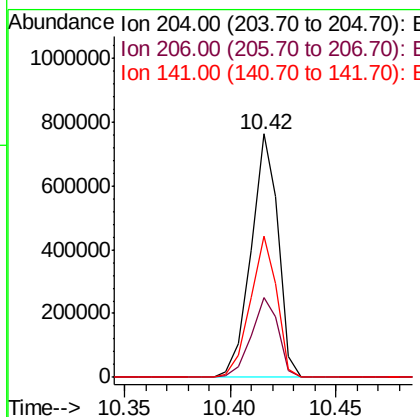
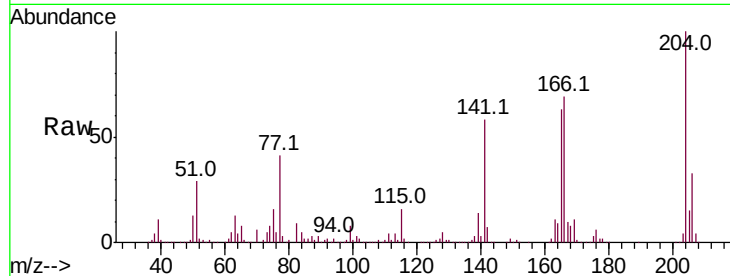




#61
 4-Chlorophenyl-phenylether
 Concen: 37.310 ng
 RT: 10.42 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

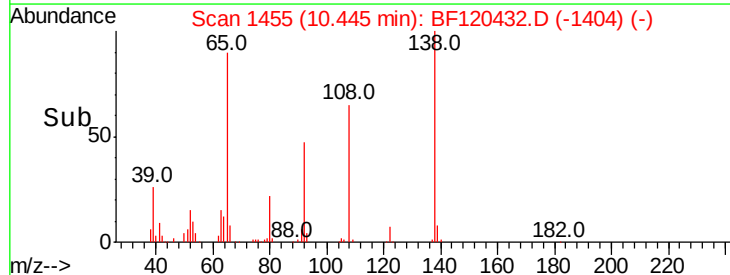
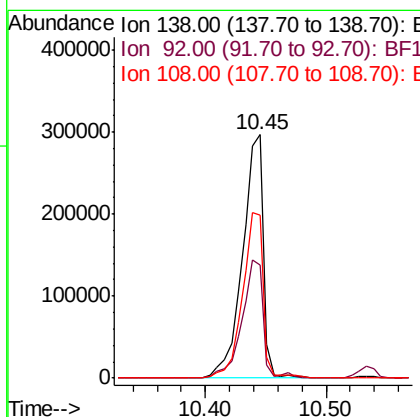
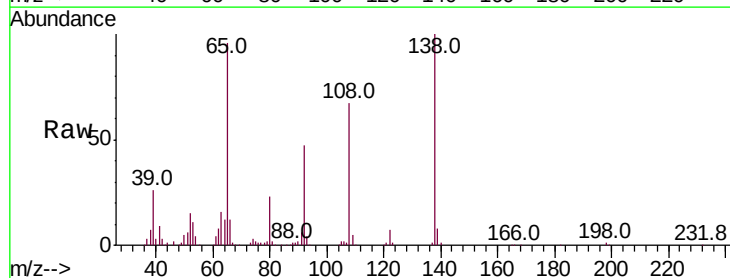
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

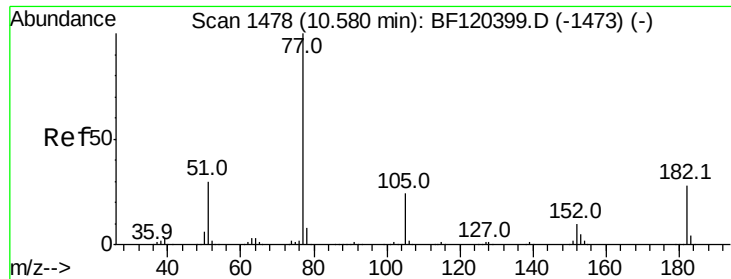
Tot Ion:204 Resp: 678565
 Ion Ratio Lower Upper
 204 100
 206 32.9 25.8 38.8
 141 58.3 47.2 70.8



#62
 4-Nitroaniline
 Concen: 39.214 ng
 RT: 10.45 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion:138 Resp: 356125
 Ion Ratio Lower Upper
 138 100
 92 46.6 29.3 69.3
 108 67.1 51.8 91.8

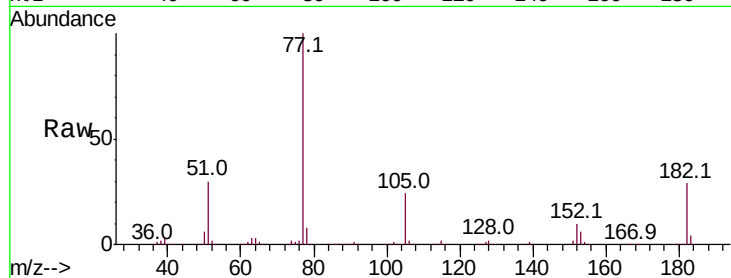




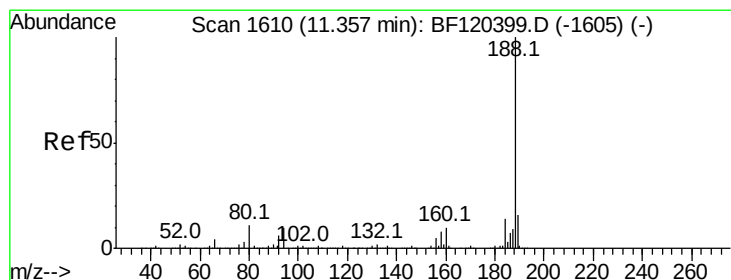
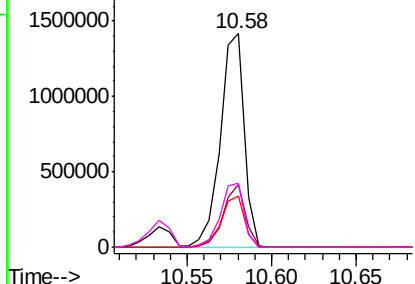
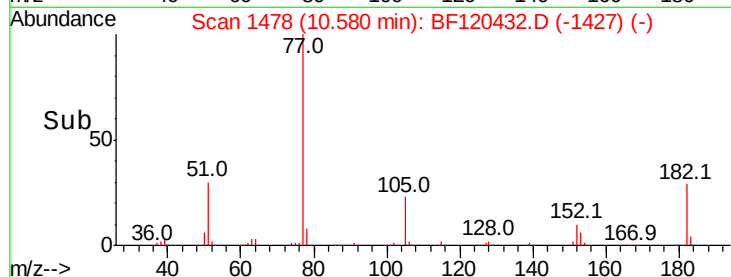
#63
Azobenzene
Concen: 39.834 ng
RT: 10.58 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 1395678
Ion Ratio Lower Upper
77 100
182 29.3 8.1 48.1
105 23.8 3.8 43.8
51 30.1 10.1 50.1

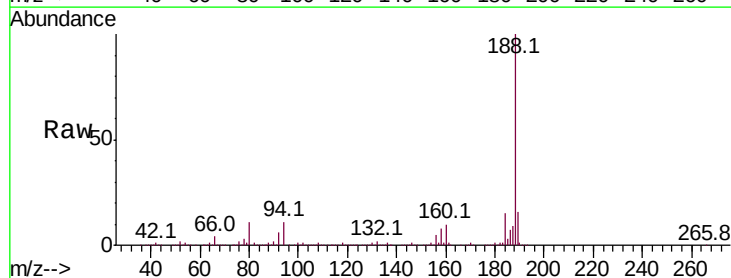


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

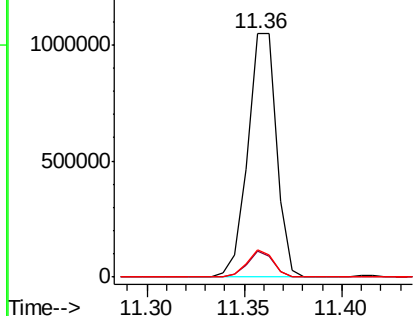
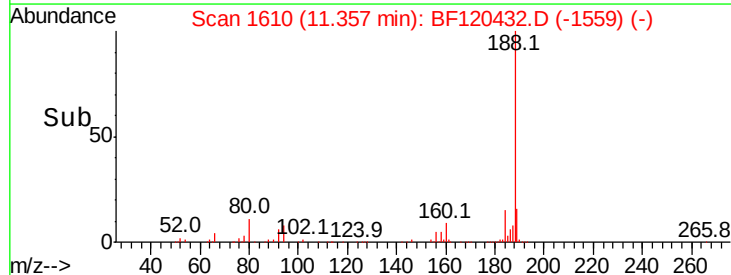


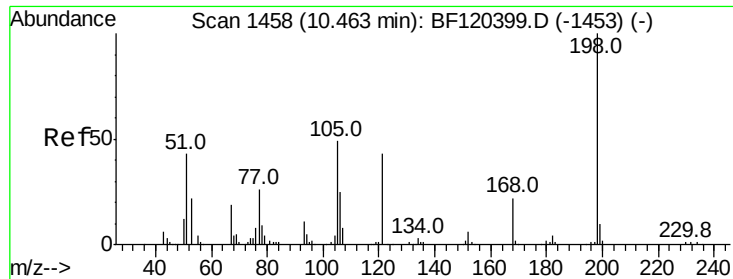
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion: 188 Resp: 1072857
Ion Ratio Lower Upper
188 100
94 10.6 7.9 11.9
80 11.1 8.6 13.0



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

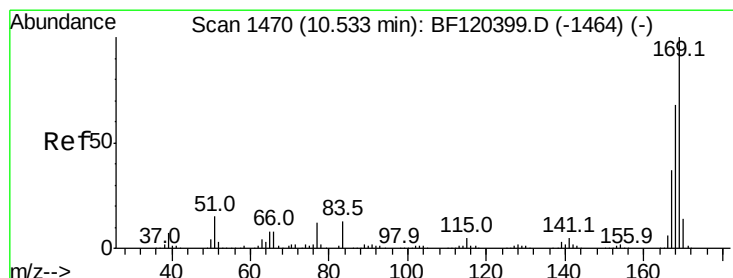
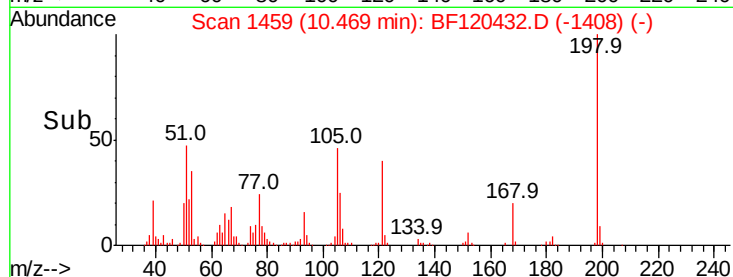
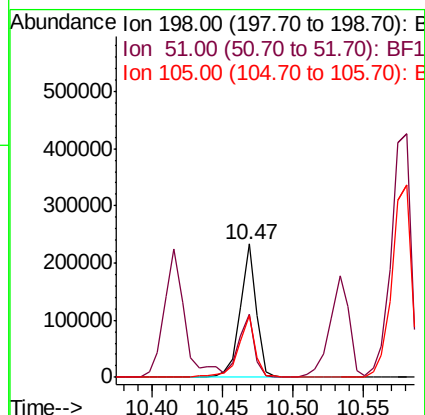
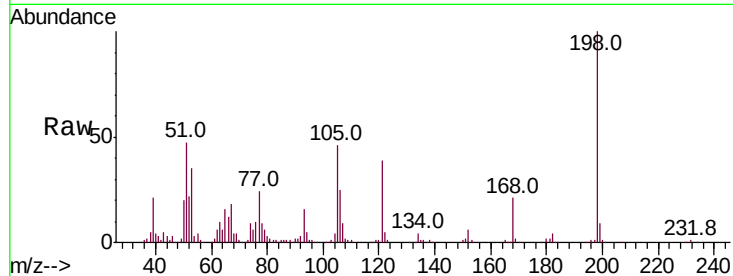




#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.167 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

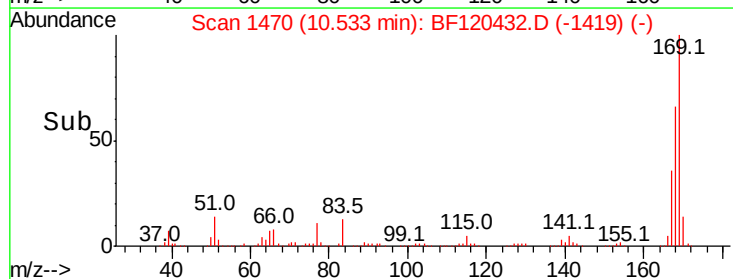
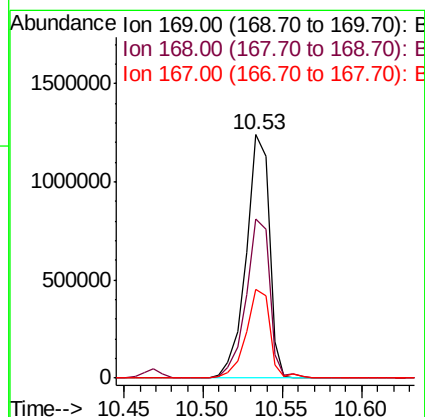
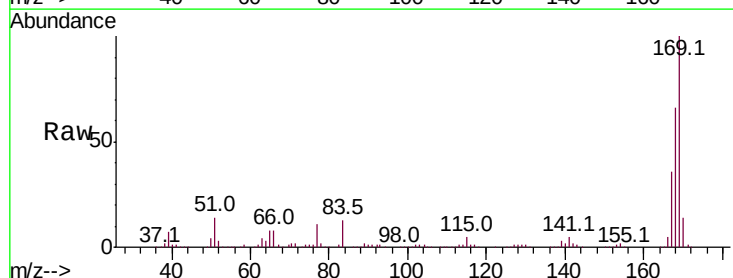
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

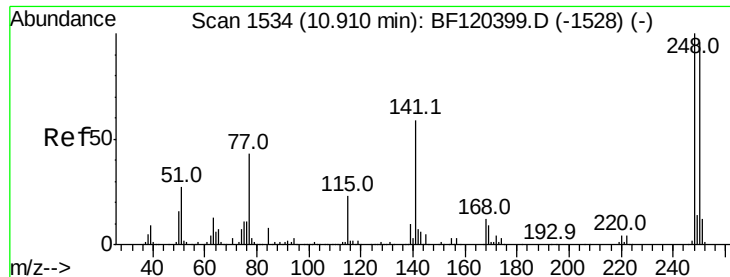
Tot Ion:198 Resp: 184575
 Ion Ratio Lower Upper
 198 100
 51 47.2 34.1 74.1
 105 46.3 30.5 70.5



#66
 n-Nitrosodiphenylamine
 Concen: 41.995 ng
 RT: 10.53 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion:169 Resp: 1251546
 Ion Ratio Lower Upper
 169 100
 168 65.6 54.2 81.2
 167 36.5 29.8 44.8

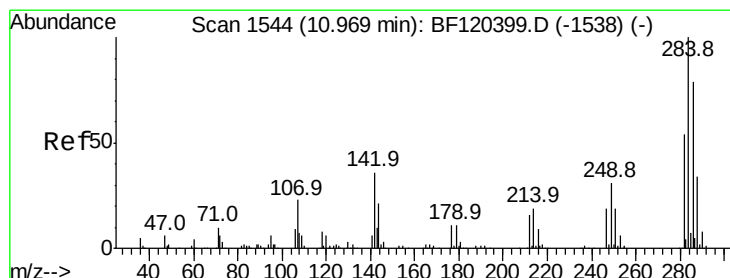
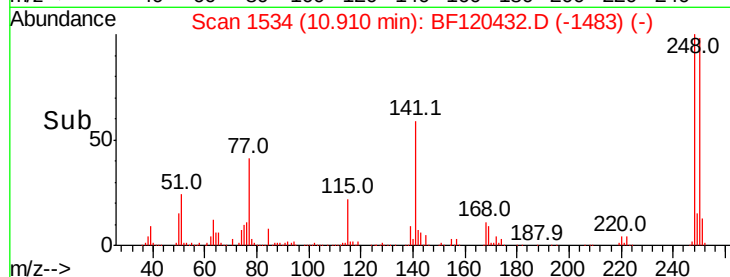
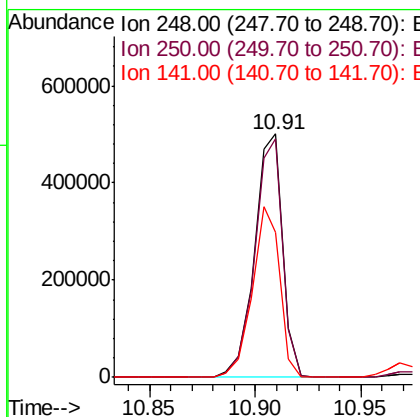
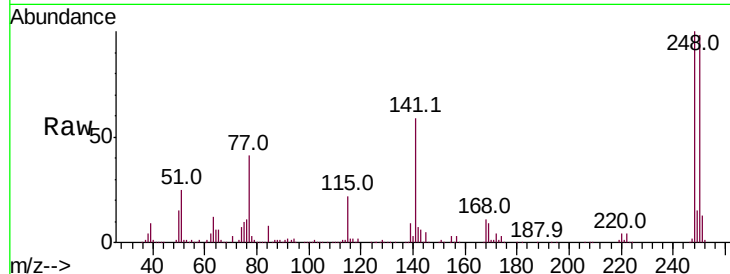




#67
4-Bromophenyl-phenylether
Concen: 42.781 ng
RT: 10.91 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

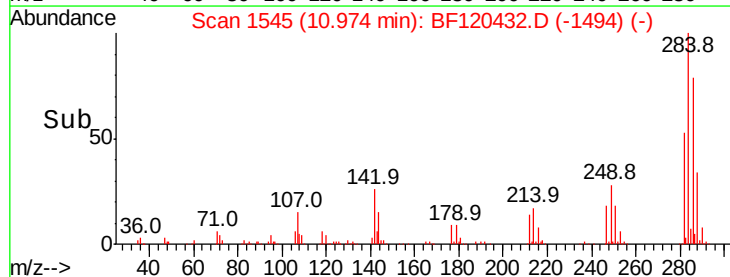
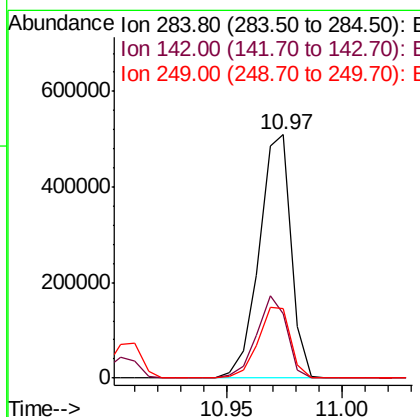
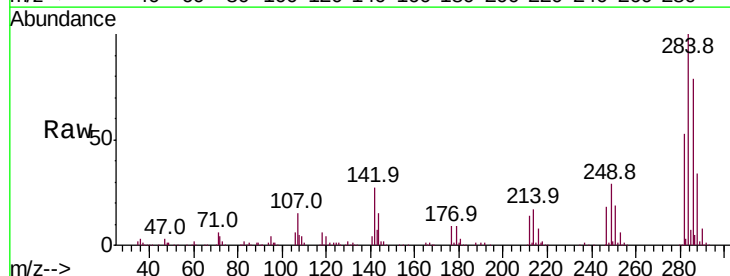
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

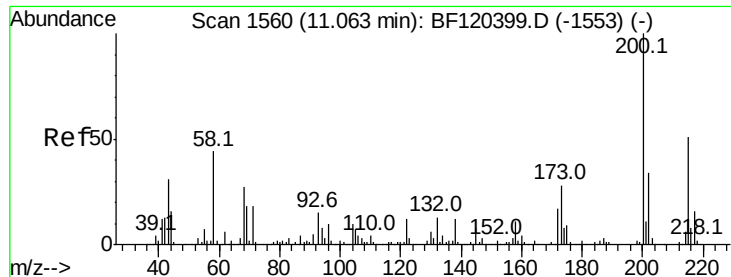
Tot Ion:248 Resp: 463296
Ion Ratio Lower Upper
248 100
250 97.7 76.5 114.7
141 59.4 47.2 70.8



#68
Hexachlorobenzene
Concen: 42.686 ng
RT: 10.97 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion:284 Resp: 492295
Ion Ratio Lower Upper
284 100
142 26.7 28.5 42.7#
249 28.6 25.0 37.6





#69

Atrazine

Concen: 42.334 ng

RT: 11.06 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

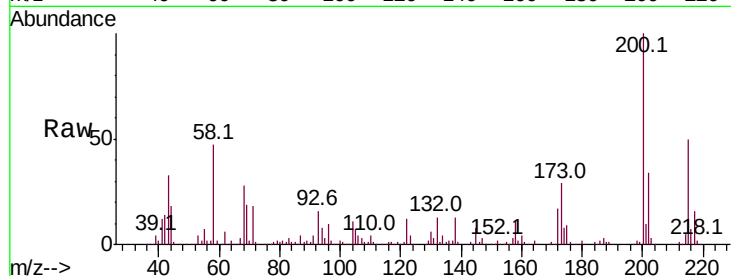
Tot Ion:200 Resp: 355601

Ion Ratio Lower Upper

200 100

173 28.9 7.9 47.9

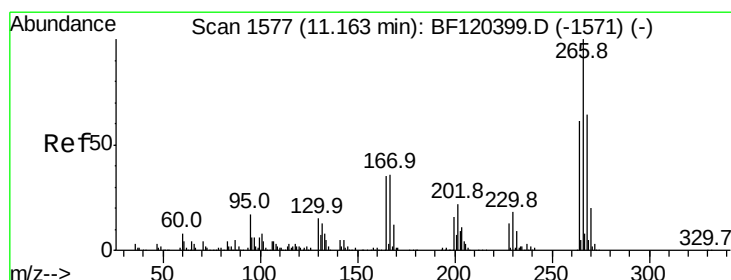
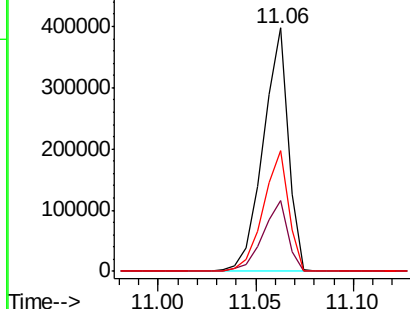
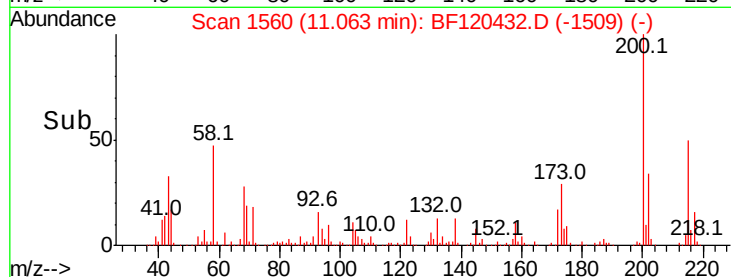
215 49.8 31.2 71.2



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: 43.242 ng

RT: 11.16 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

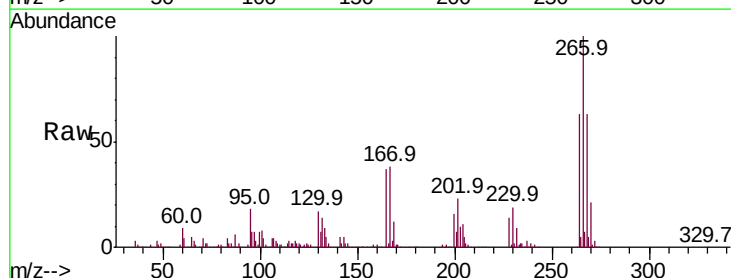
Tgt Ion:266 Resp: 304917

Ion Ratio Lower Upper

266 100

268 62.9 51.5 77.3

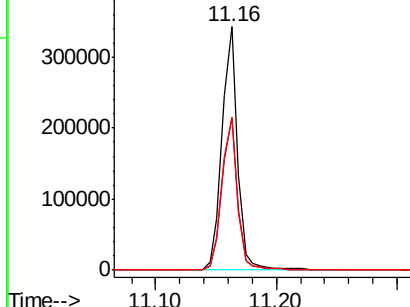
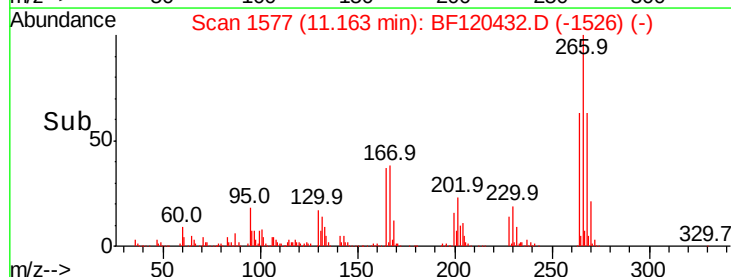
264 62.5 49.1 73.7

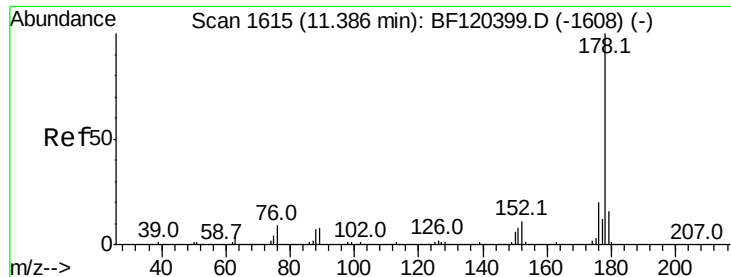


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

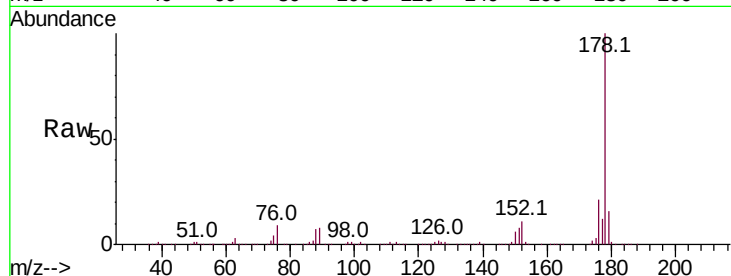




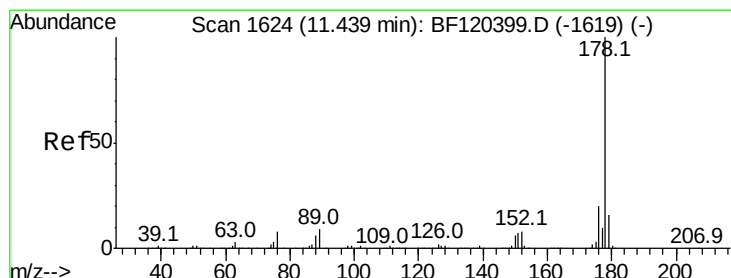
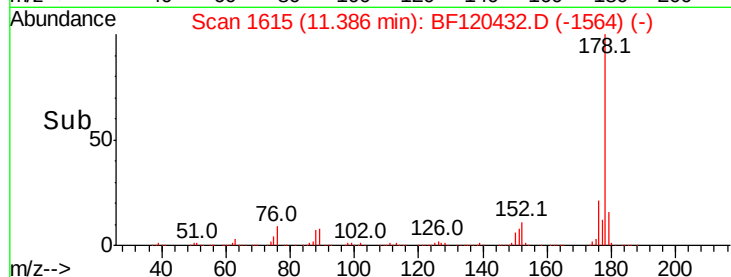
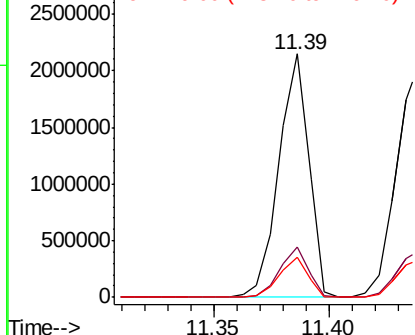
#71
Phenanthrene
Concen: 40.608 ng
RT: 11.39 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1919650
Ion Ratio Lower Upper
178 100
176 20.7 16.4 24.6
179 16.3 13.0 19.4

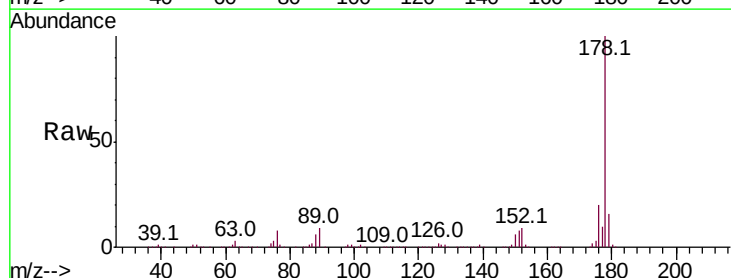


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

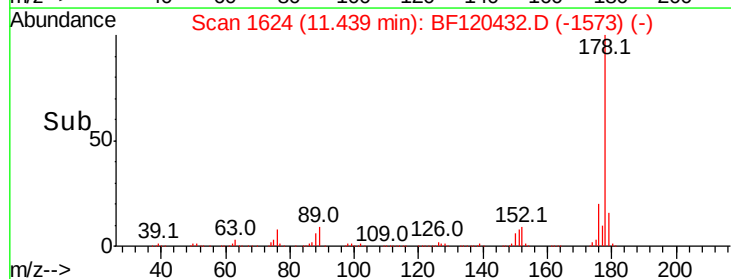
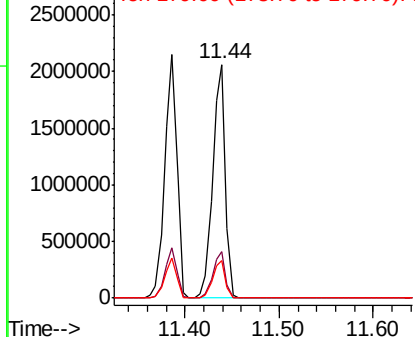


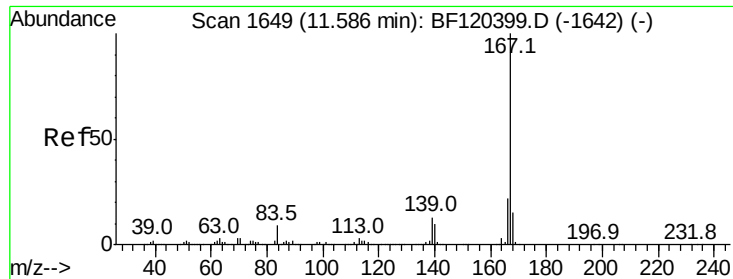
#72
Anthracene
Concen: 41.293 ng
RT: 11.44 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion:178 Resp: 1958568
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.2 12.8 19.2



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



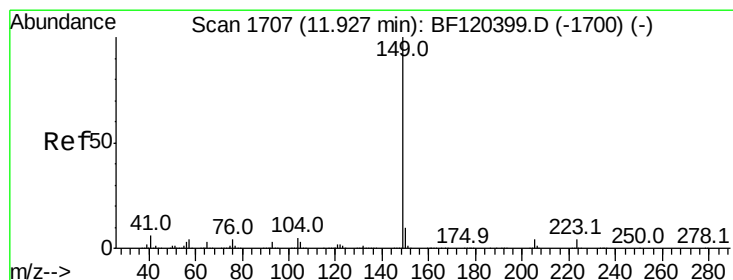
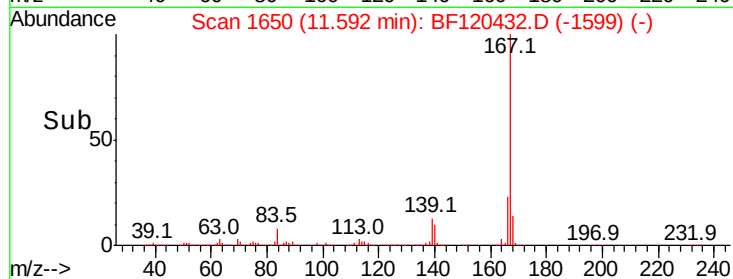
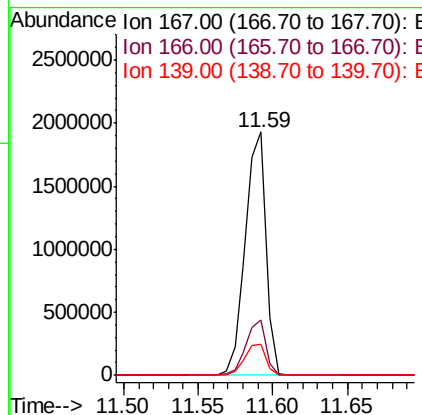
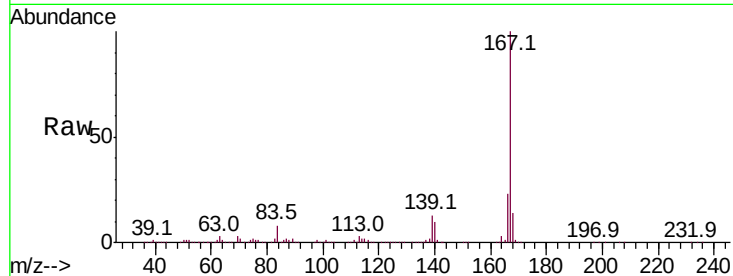


#73
 Carbazole
 Concen: 40.629 ng
 RT: 11.59 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1863905

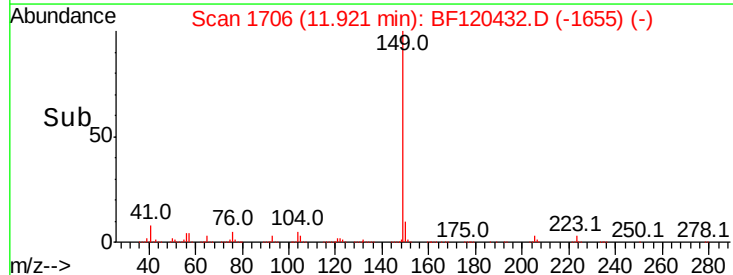
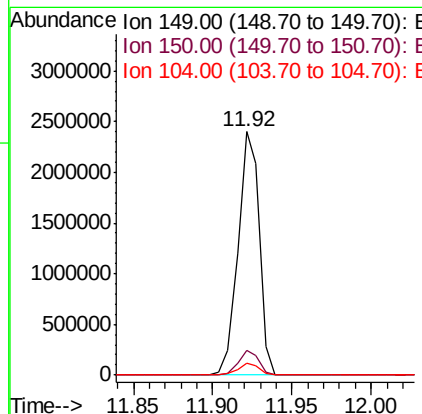
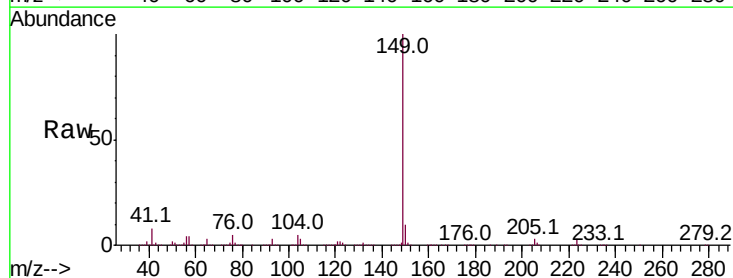
Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.8	26.6
139	12.7	10.4	15.6

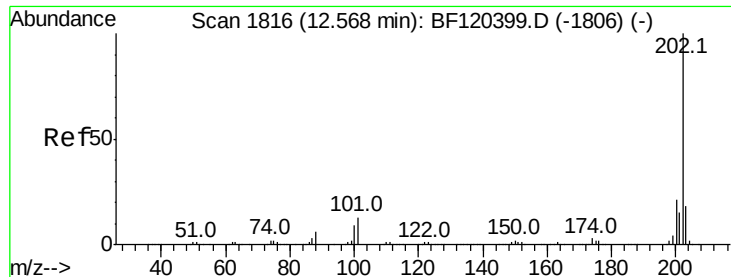


#74
 Di-n-butylphthalate
 Concen: 41.446 ng
 RT: 11.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion:149 Resp: 2211851

Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	5.1	3.6	5.4

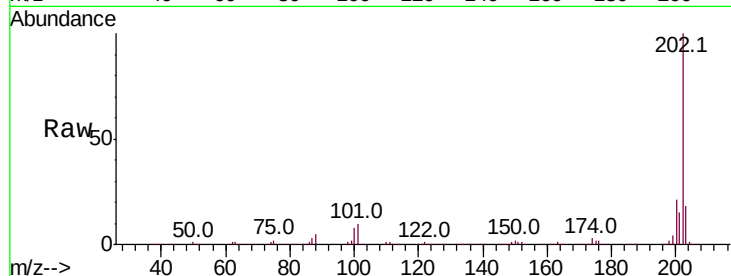




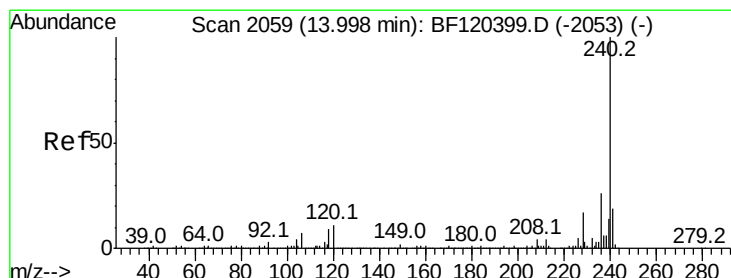
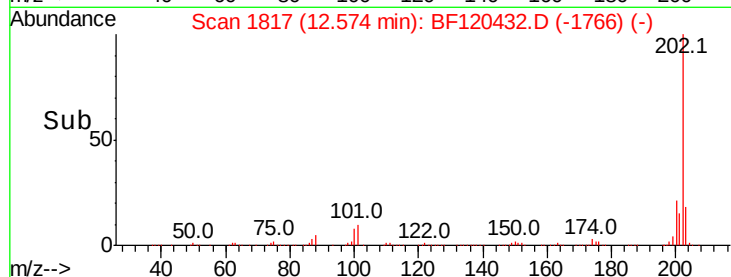
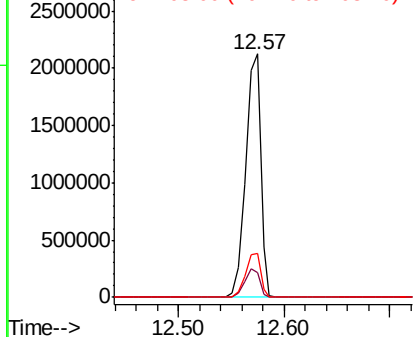
#75
 Fluoranthene
 Concen: 40.722 ng
 RT: 12.57 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 2071398
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 32.6
 203 18.3 0.0 38.4

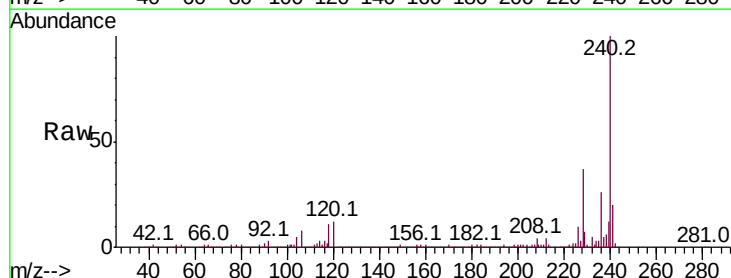


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

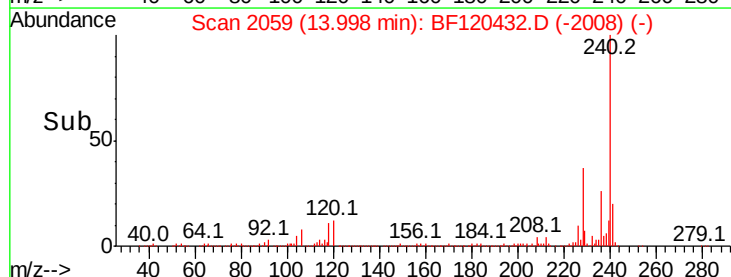
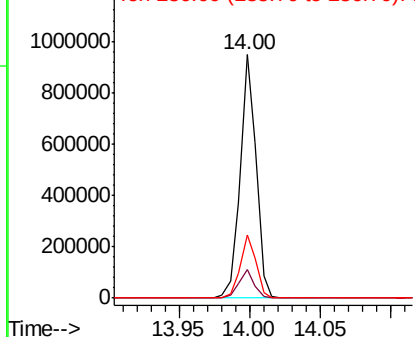


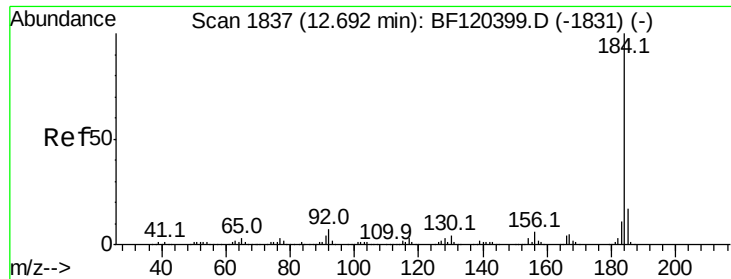
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion:240 Resp: 742812
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.8 13.2
 236 26.1 21.0 31.4



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





#77

Benzidine

Concen: 45.102 ng

RT: 12.69 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

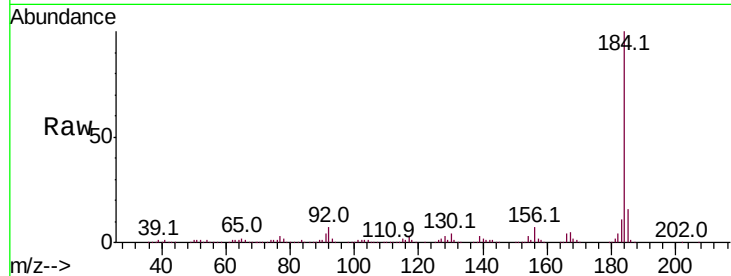
Tot Ion:184 Resp: 880259

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.0

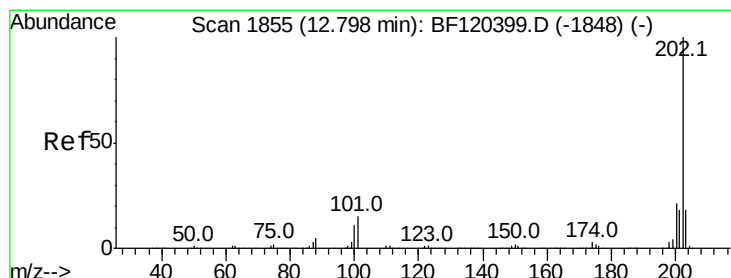
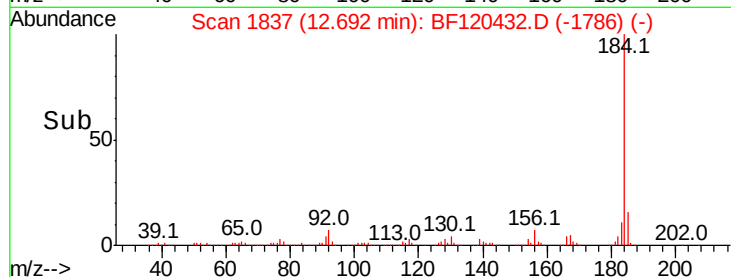
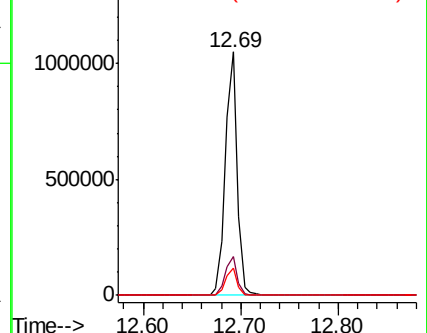
183 11.0 8.6 12.8



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: 40.903 ng

RT: 12.80 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

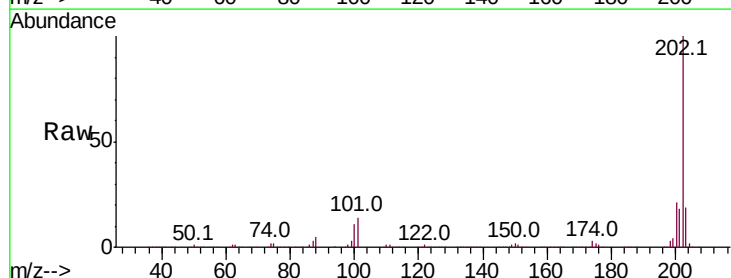
Tgt Ion:202 Resp: 2112964

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

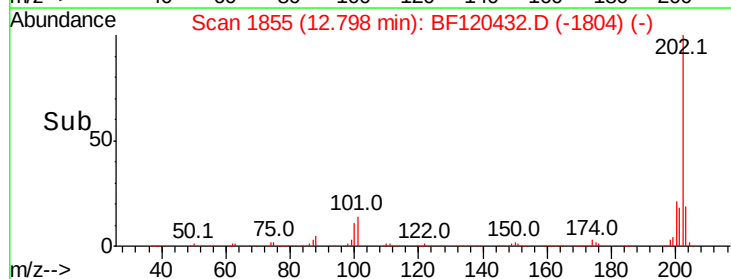
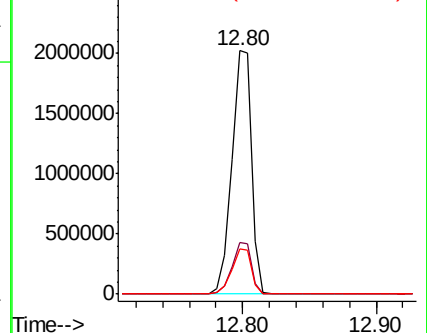
203 18.7 14.7 22.1

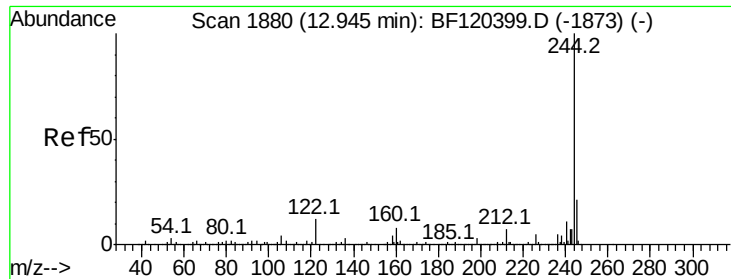


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.253 ng

RT: 12.94 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

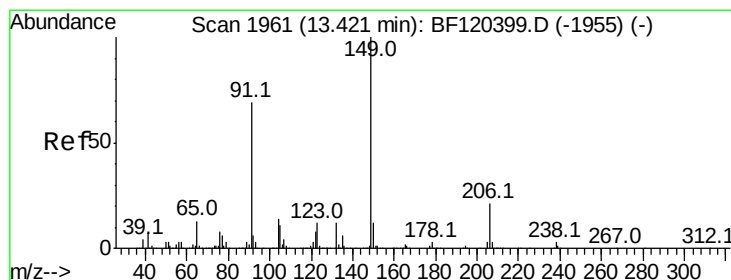
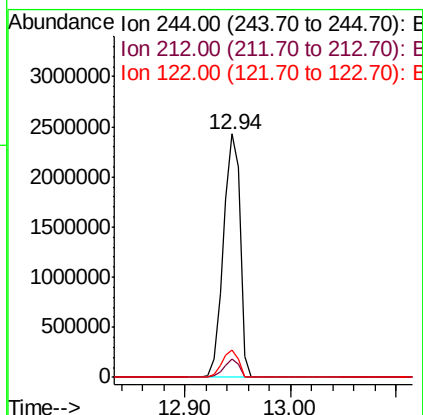
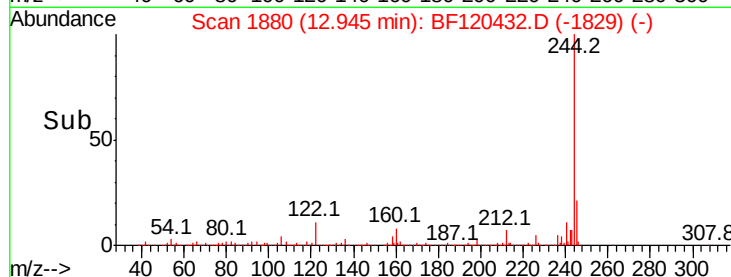
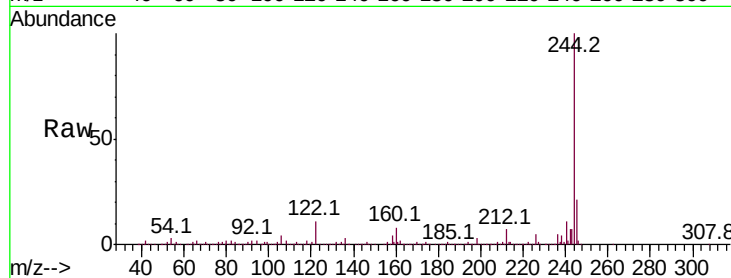
Tot Ion:244 Resp: 2678945

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.4 9.2 13.8



#80

Butylbenzylphthalate

Concen: 43.382 ng

RT: 13.42 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

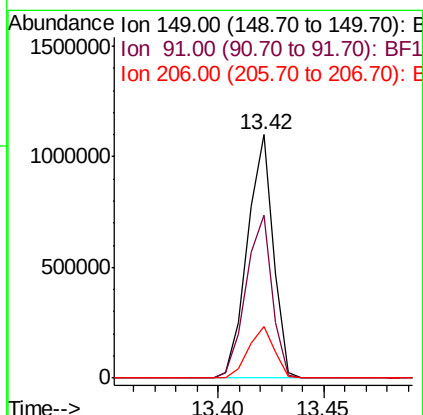
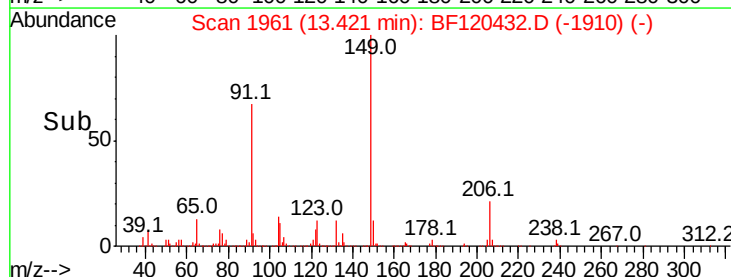
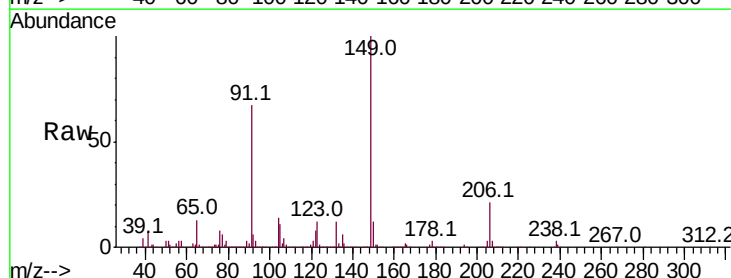
Tgt Ion:149 Resp: 935582

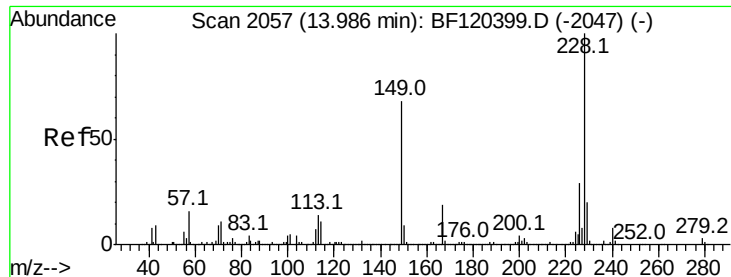
Ion Ratio Lower Upper

149 100

91 67.1 55.0 82.4

206 21.1 17.0 25.4





#81

Benzo(a)anthracene

Concen: 40.668 ng

RT: 13.99 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

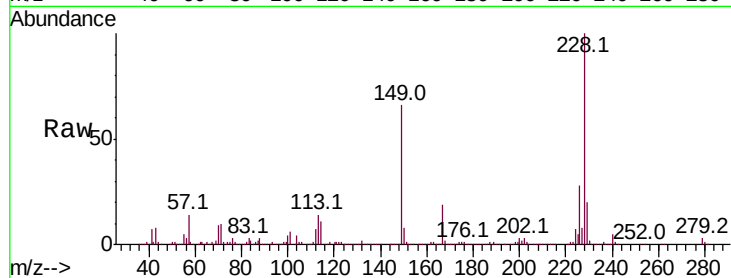
Tot Ion:228 Resp: 1619027

Ion Ratio Lower Upper

228 100

226 28.1 23.0 34.4

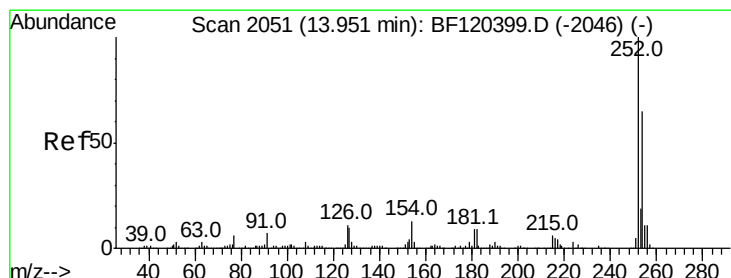
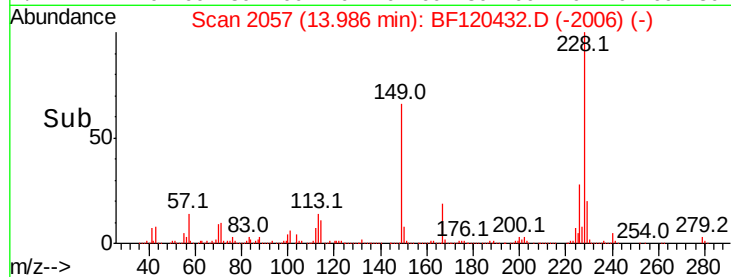
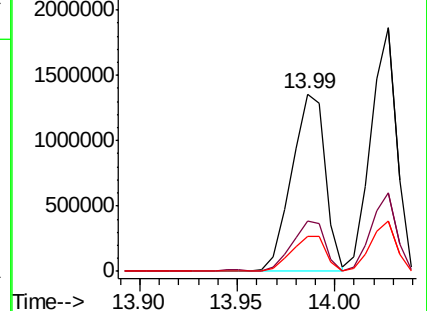
229 19.9 16.2 24.4



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: 44.955 ng

RT: 13.95 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

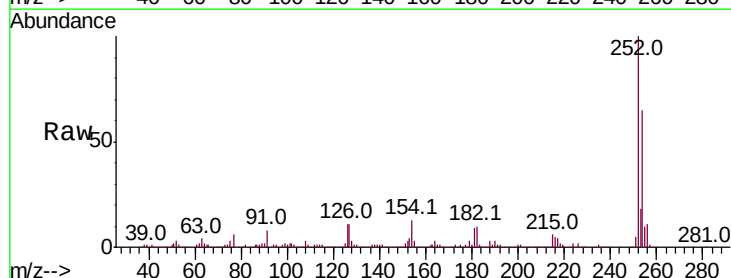
Tgt Ion:252 Resp: 649744

Ion Ratio Lower Upper

252 100

254 65.0 51.8 77.6

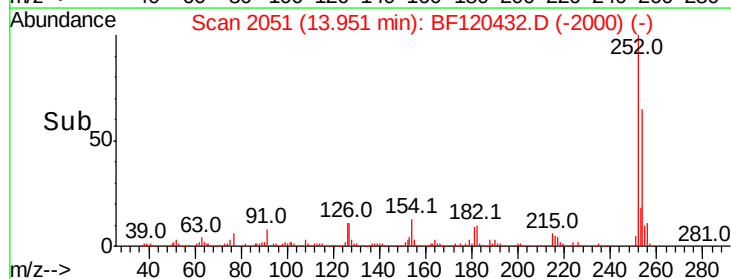
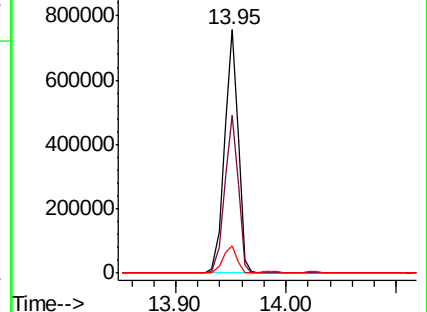
126 11.3 8.5 12.7

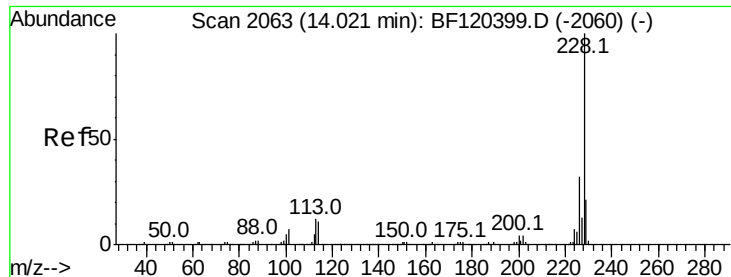


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.896 ng

RT: 14.03 min Scan# 2064

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

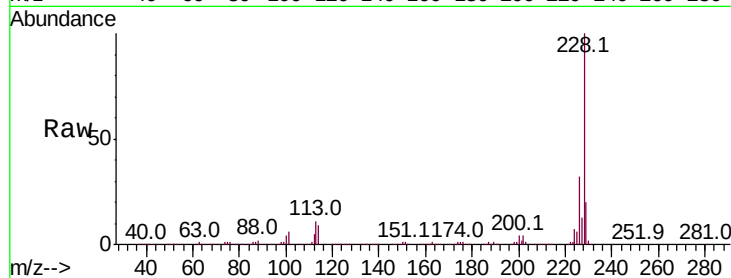
Tot Ion:228 Resp: 1706842

Ion Ratio Lower Upper

228 100

226 32.0 25.6 38.4

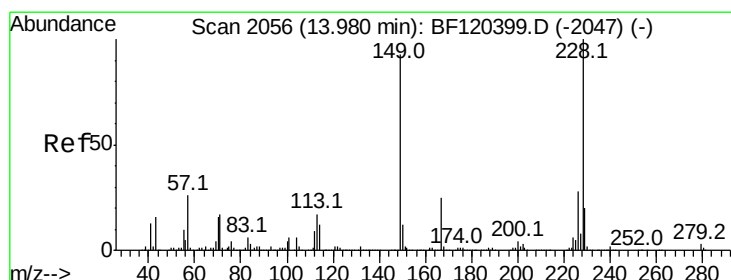
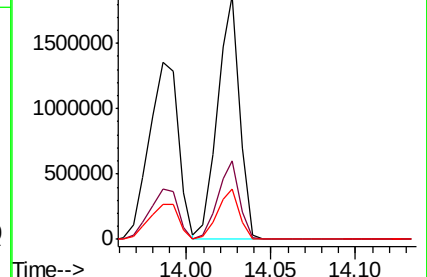
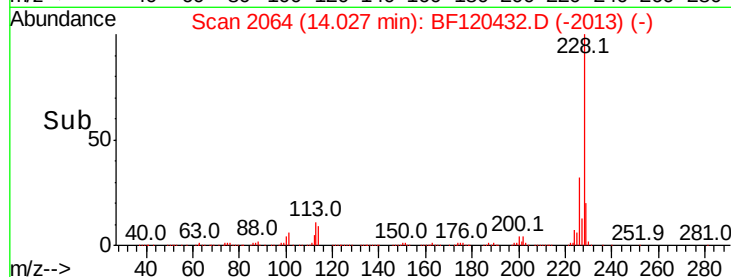
229 20.5 16.6 25.0



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: 45.453 ng

RT: 13.98 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

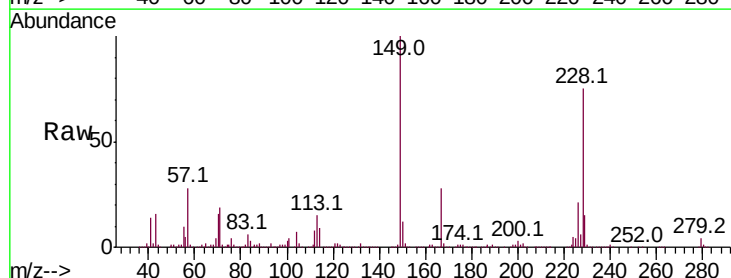
Tgt Ion:149 Resp: 1150680

Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

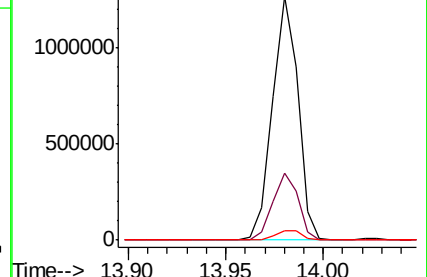
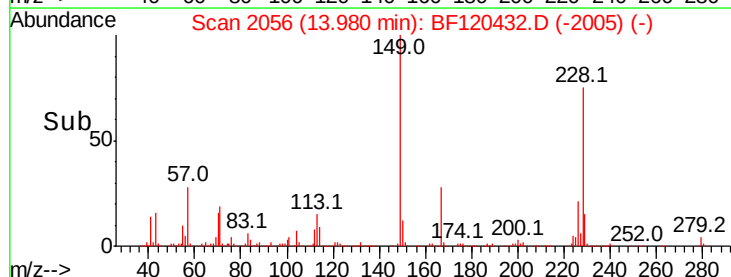
279 4.0 2.9 4.3

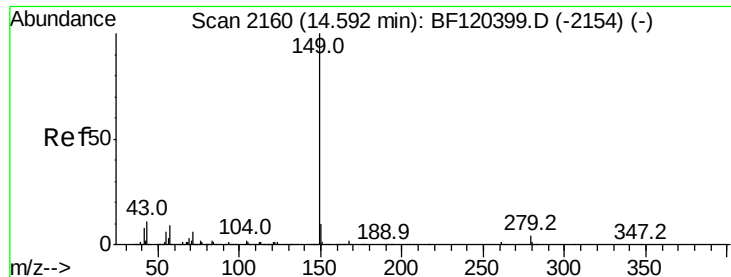


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.509 ng

RT: 14.59 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

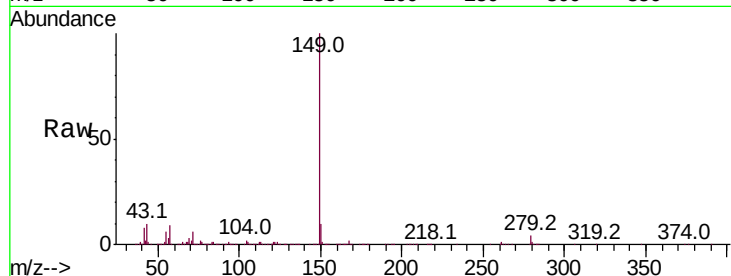
Tot Ion:149 Resp: 2081125

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

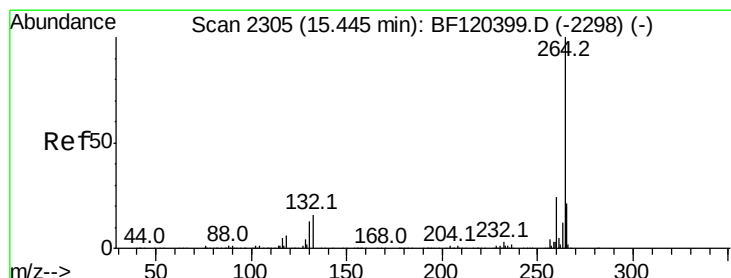
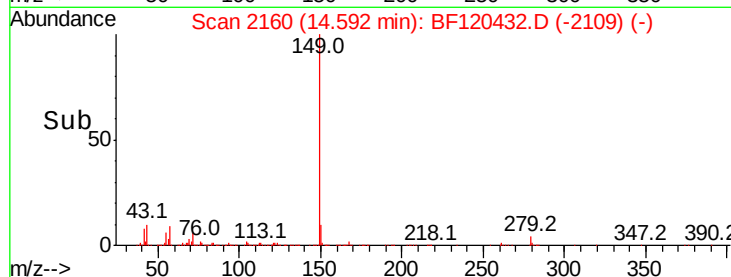
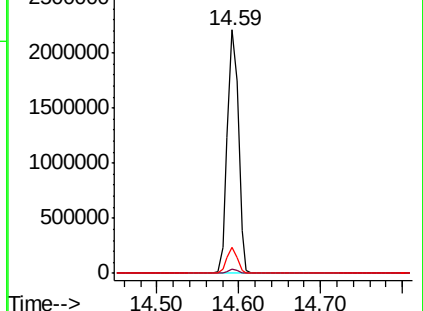
43 10.0 8.1 12.1



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. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

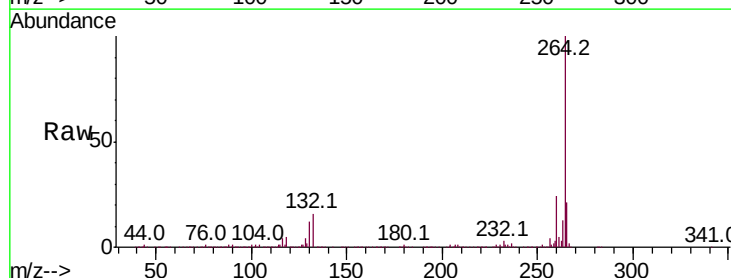
Tgt Ion:264 Resp: 711224

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

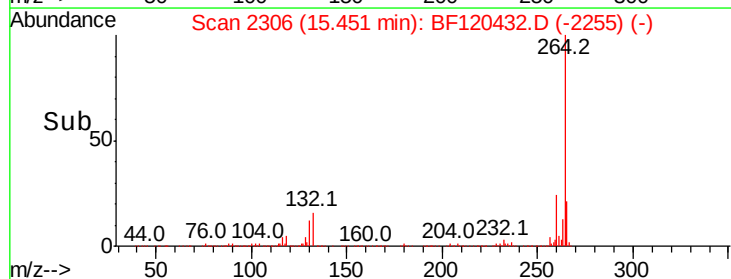
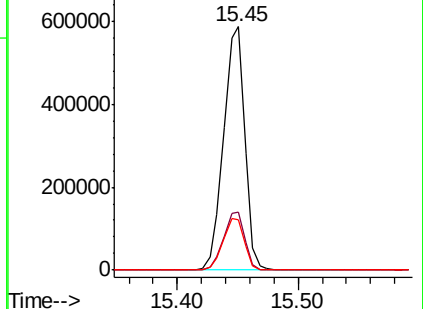
265 20.8 16.9 25.3

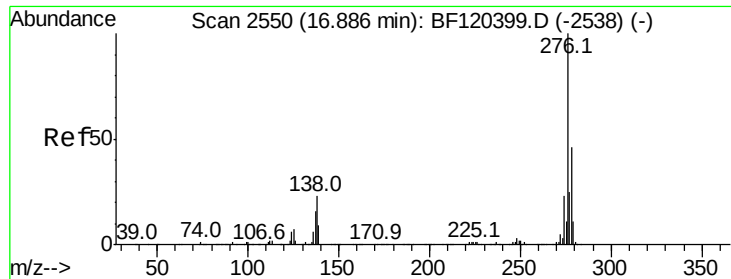


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

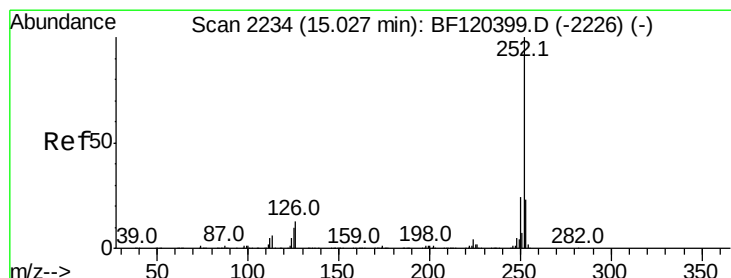
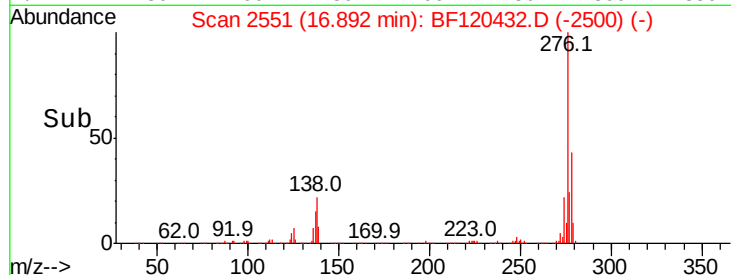
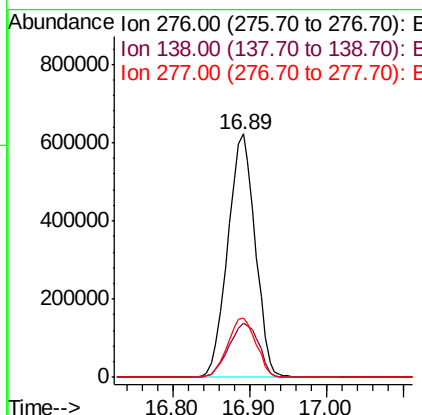
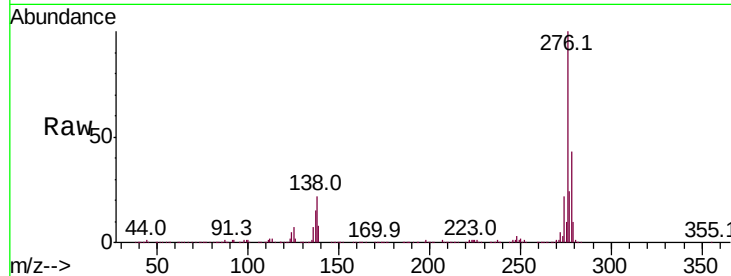




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.711 ng
 RT: 16.89 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

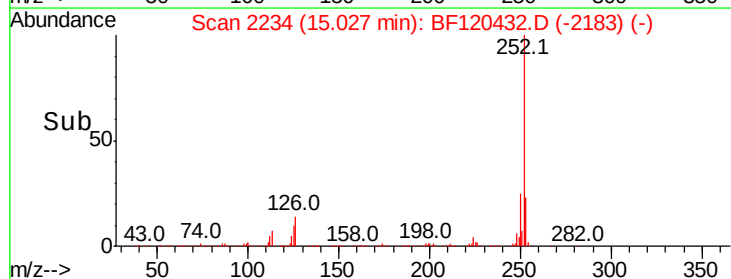
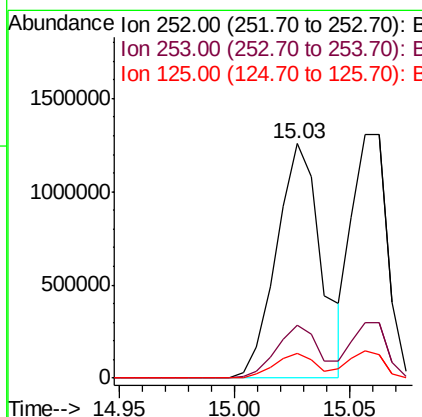
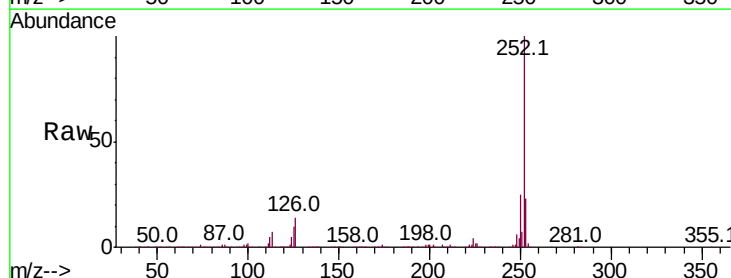
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

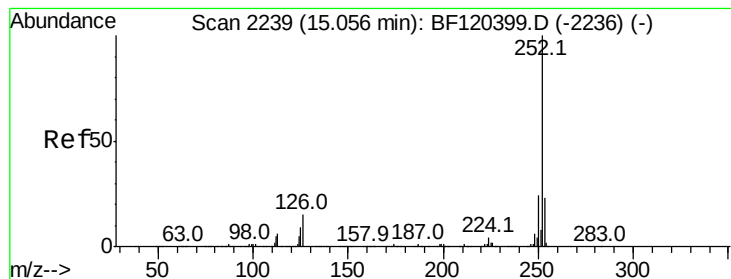
Tot Ion:276 Resp: 1544759
 Ion Ratio Lower Upper
 276 100
 138 24.4 20.4 30.6
 277 25.4 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 42.787 ng
 RT: 15.03 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion:252 Resp: 1690227
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.1 27.1
 125 10.4 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 37.828 ng

RT: 15.06 min Scan# 2240

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

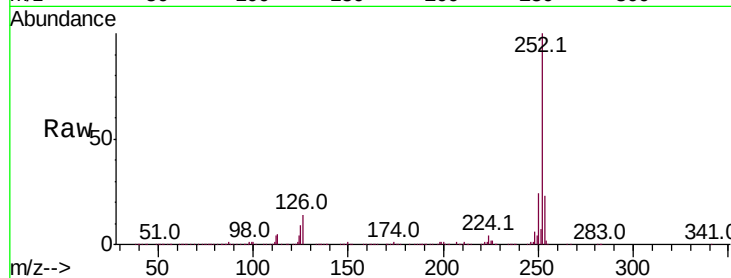
Tot Ion:252 Resp: 1395032

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

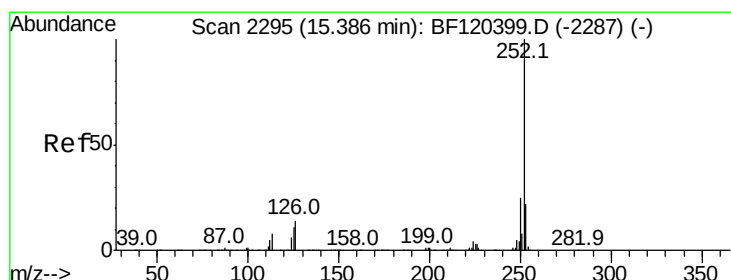
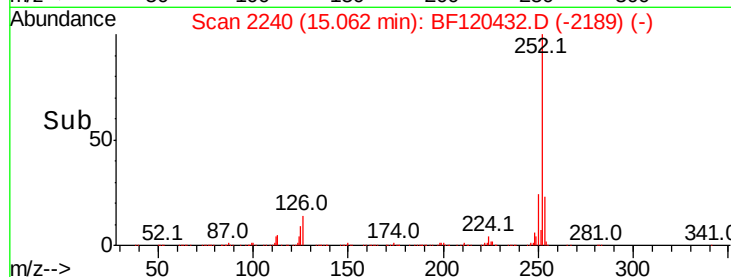
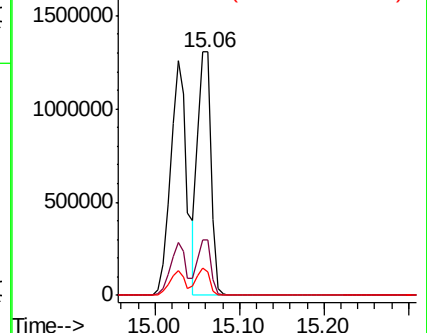
125 9.4 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.010 ng

RT: 15.39 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

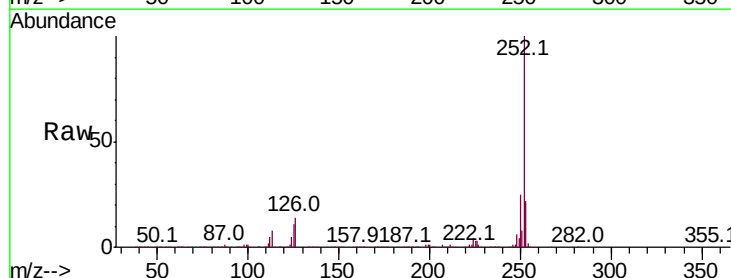
Tgt Ion:252 Resp: 1417047

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

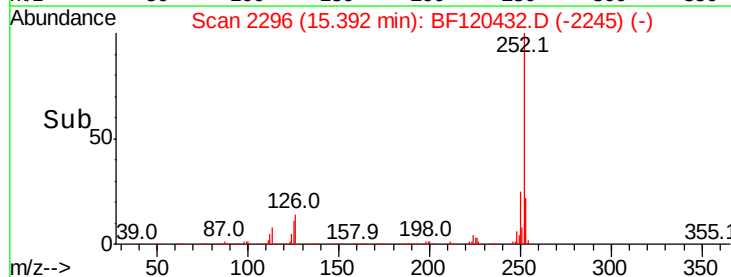
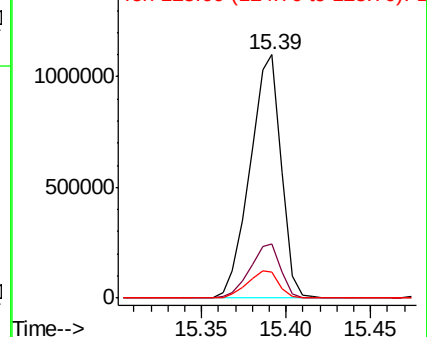
125 10.9 8.7 13.1

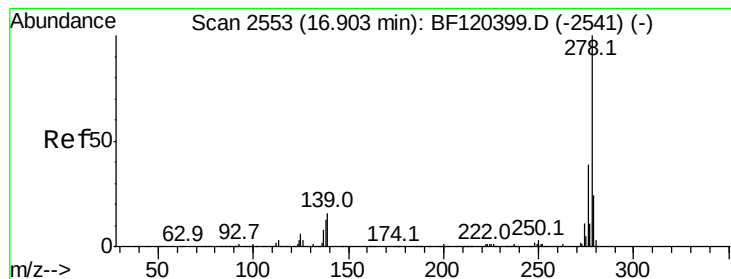


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.718 ng

RT: 16.91 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

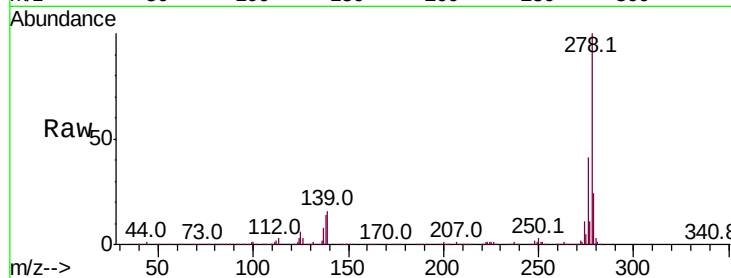
Tot Ion:278 Resp: 1259642

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.8	19.2
279	24.3	19.0	28.4

278 100

139 15.6 12.8 19.2

279 24.3 19.0 28.4

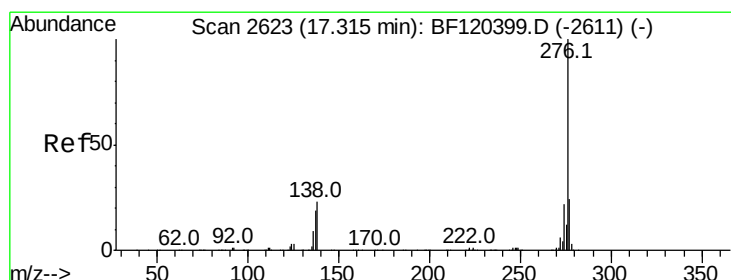
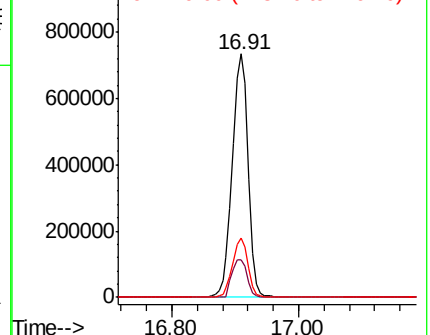
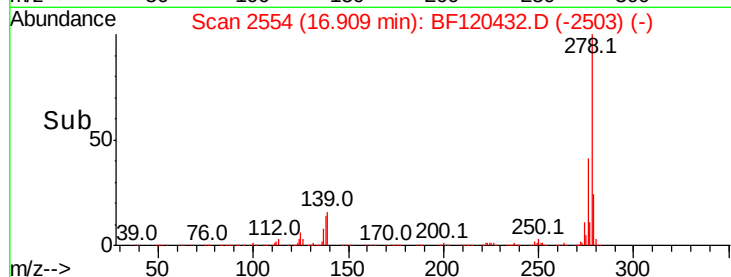


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.369 ng

RT: 17.33 min Scan# 2625

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

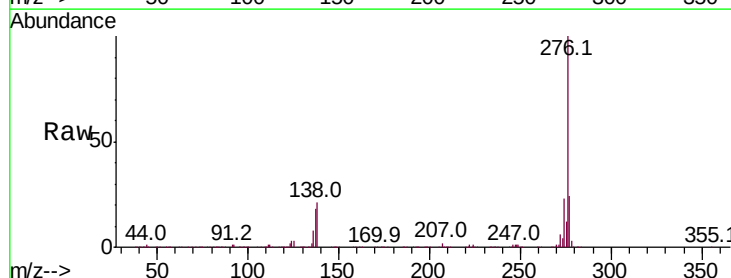
Tgt Ion:276 Resp: 1231458

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.5	29.3
138	21.5	18.1	27.1

276 100

277 23.8 19.5 29.3

138 21.5 18.1 27.1



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

