

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051920\
 Data File : BF120358.D
 Acq On : 19 May 2020 12:40
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 19 13:19:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 13:17:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	266394	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1059824	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	530719	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	956605	20.00	ng	0.00
76) Chrysene-d12	13.77	240	633585	20.00	ng	0.00
87) Perylene-d12	15.16	264	573822	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	1185543	86.59	ng	0.00
7) Phenol-d6	6.26	99	1458208	84.22	ng	0.00
23) Nitrobenzene-d5	7.17	82	1358802	87.78	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	371527	85.86	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2408982	93.25	ng	0.00
79) Terphenyl-d14	12.72	244	2506367	87.39	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.17	88	234611	43.077	ng	96
3) Pyridine	2.82	79	781140	45.626	ng	94
4) n-Nitrosodimethylamine	2.79	42	314365	46.894	ng	96
6) Aniline	6.26	93	933595	42.163	ng	95
8) 2-Chlorophenol	6.39	128	659004	41.281	ng	99
9) Benzaldehyde	6.15	77	438758	41.107	ng	97
10) Phenol	6.27	94	852728	42.190	ng	94
11) bis(2-Chloroethyl)ether	6.34	93	639267	39.596	ng	95
12) 1,3-Dichlorobenzene	6.53	146	704487	41.242	ng	100
13) 1,4-Dichlorobenzene	6.62	146	725649	41.245	ng	99
14) 1,2-Dichlorobenzene	6.77	146	659578	41.631	ng	98
15) Benzyl Alcohol	6.76	79	538376	43.769	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1133300	44.542	ng	97
17) 2-Methylphenol	6.88	107	560688	41.605	ng	94
18) Hexachloroethane	7.10	117	270055	40.293	ng	95
19) n-Nitroso-di-n-propylamine	7.03	70	461398	40.677	ng	94
20) 3+4-Methylphenols	7.03	107	740370	42.256	ng	98
22) Acetophenone	7.02	105	923095	42.516	ng	97
24) Nitrobenzene	7.19	77	703181	42.210	ng	100
25) Isophorone	7.43	82	1321426	41.028	ng	99
26) 2-Nitrophenol	7.50	139	369364	42.394	ng	92
27) 2,4-Dimethylphenol	7.56	122	525432	41.457	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	823013	40.654	ng	99
29) 2,4-Dichlorophenol	7.76	162	539912	41.478	ng	99
30) 1,2,4-Trichlorobenzene	7.83	180	590699	40.950	ng	99
31) Naphthalene	7.91	128	1887589	42.200	ng	99
32) Benzoic acid	7.72	122	342950	41.281	ng	99
33) 4-Chloroaniline	7.97	127	812849	39.876	ng	99
34) Hexachlorobutadiene	8.03	225	344035	41.264	ng	97
35) Caprolactam	8.35	113	174681	41.019	ng	91
36) 4-Chloro-3-methylphenol	8.47	107	577312	40.998	ng	99
37) 2-Methylnaphthalene	8.60	142	1236377	40.392	ng	99
38) 1-Methylnaphthalene	8.70	142	1177585	39.666	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	552465	41.283	ng	100

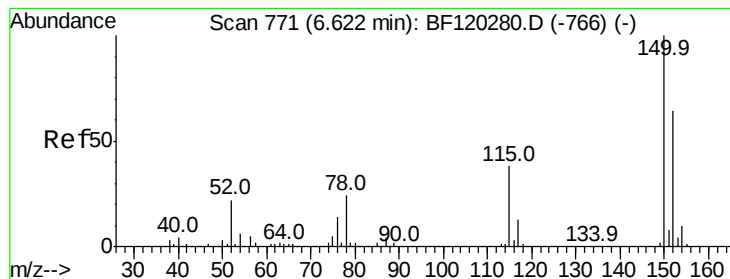
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	212650	41.958	ng	100
43) 2,4,6-Trichlorophenol	8.89	196	380567	42.366	ng	98
44) 2,4,5-Trichlorophenol	8.93	196	427823	41.472	ng	97
46) 1,1'-Biphenyl	9.07	154	1459917	41.984	ng	99
47) 2-Chloronaphthalene	9.09	162	1166474	41.819	ng	97
48) 2-Nitroaniline	9.20	65	431051	42.354	ng	98
49) Acenaphthylene	9.50	152	1789190	41.992	ng	99
50) Dimethylphthalate	9.37	163	1357387	40.460	ng	100
51) 2,6-Dinitrotoluene	9.44	165	300363	40.114	ng	99
52) Acenaphthene	9.67	154	1090016	42.679	ng	99
53) 3-Nitroaniline	9.61	138	358512	40.150	ng	95
54) 2,4-Dinitrophenol	9.72	184	147630	41.768	ng	97
55) Dibenzofuran	9.85	168	1570126	42.691	ng	97
56) 4-Nitrophenol	9.80	139	193955	40.425	ng	94
57) 2,4-Dinitrotoluene	9.85	165	380047	43.268	ng	95
58) Fluorene	10.19	166	1233156	44.026	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.97	232	331739	42.731	ng	99
60) Diethylphthalate	10.07	149	1376809	42.508	ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	611136	41.965	ng	95
62) 4-Nitroaniline	10.23	138	353497	42.514	ng	99
63) Azobenzene	10.35	77	1302384	42.546	ng	95
65) 4,6-Dinitro-2-methylphenol	10.26	198	218544	45.174	ng	88
66) n-Nitrosodiphenylamine	10.31	169	1112753	42.046	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	380176	40.955	ng	97
68) Hexachlorobenzene	10.74	284	394531	40.626	ng	97
69) Atrazine	10.85	200	315091	39.789	ng	100
70) Pentachlorophenol	10.94	266	169905	41.136	ng	100
71) Phenanthrene	11.15	178	1732087	43.090	ng	100
72) Anthracene	11.20	178	1831832	42.569	ng	99
73) Carbazole	11.36	167	1754206	43.629	ng	99
74) Di-n-butylphthalate	11.70	149	2132728	44.013	ng	99
75) Fluoranthene	12.34	202	1926174	44.707	ng	98
77) Benzidine	12.47	184	765772	41.389	ng	97
78) Pyrene	12.57	202	1907011	42.220	ng	100
80) Butylbenzylphthalate	13.19	149	883134	41.522	ng	98
81) Benzo(a)anthracene	13.76	228	1416162	42.378	ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	545206	43.294	ng	99
83) Chrysene	13.80	228	1448838	40.376	ng	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1089314	41.165	ng	100
85) Di-n-octyl phthalate	14.37	149	2112496	44.375	ng	98
86) Indeno(1,2,3-cd)pyrene	16.48	276	1183986	36.354	ng	98
88) Benzo(b)fluoranthene	14.77	252	1318817	42.084	ng	99
89) Benzo(k)fluoranthene	14.80	252	1248346	45.979	ng	97
90) Benzo(a)pyrene	15.10	252	1154578	41.082	ng	99
91) Dibenzo(a,h)anthracene	16.49	278	977649	39.266	ng	99
92) Benzo(g,h,i)perylene	16.88	276	911939	36.322	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

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SSTDCCC040

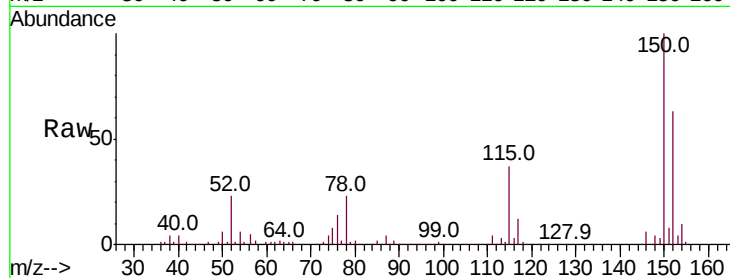
Tot Ion:152 Resp: 266394

Ion Ratio Lower Upper

152 100

150 158.6 126.2 189.2

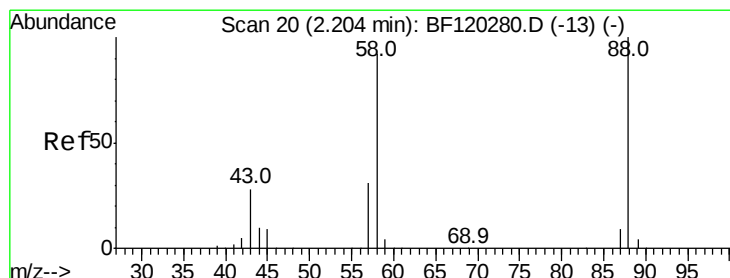
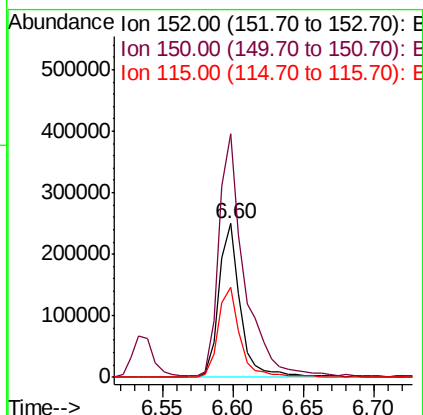
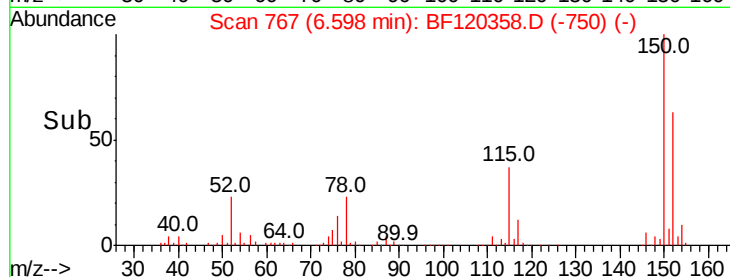
115 58.9 47.9 71.9



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: 43.077 ng

RT: 2.17 min Scan# 14

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

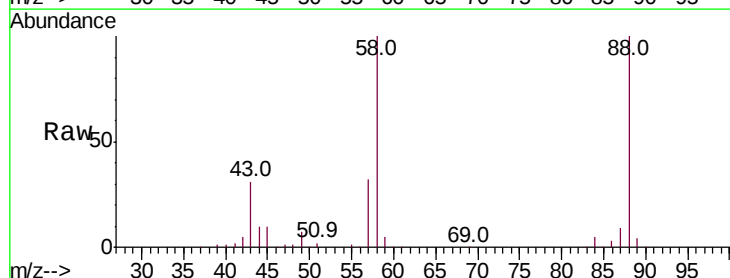
Tgt Ion: 88 Resp: 234611

Ion Ratio Lower Upper

88 100

58 98.7 75.8 113.6

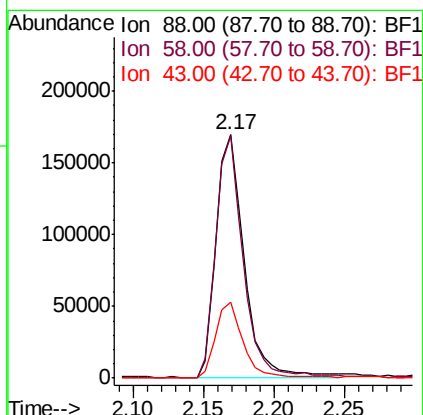
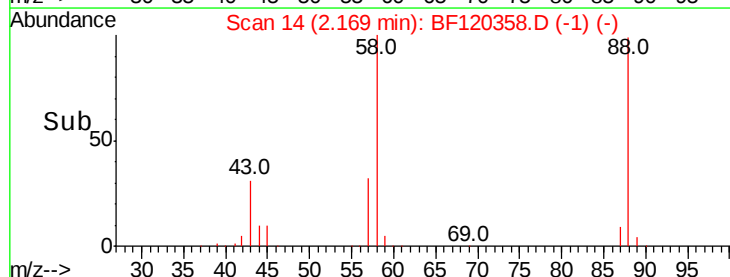
43 30.5 23.6 35.4

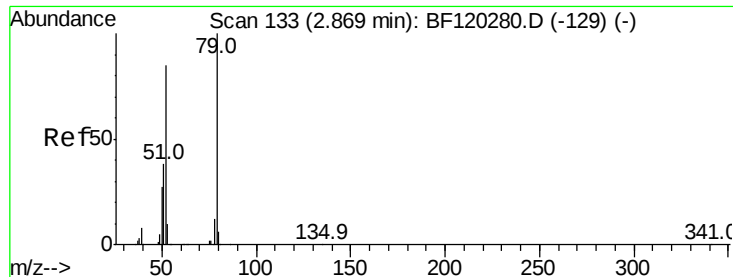


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 45.626 ng

RT: 2.82 min Scan# 125

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

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ClientSampleId :

SSTDCCC040

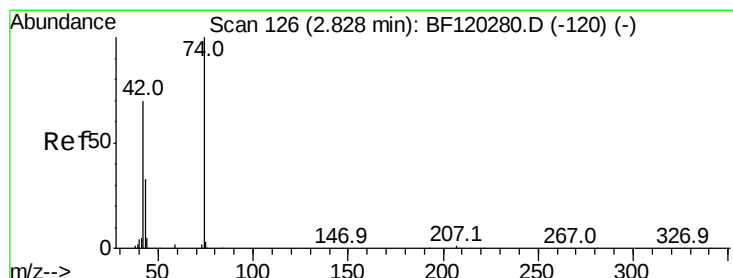
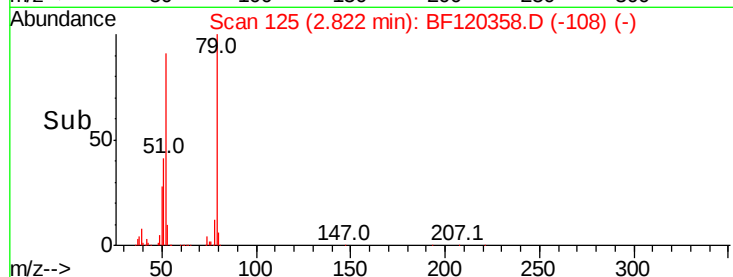
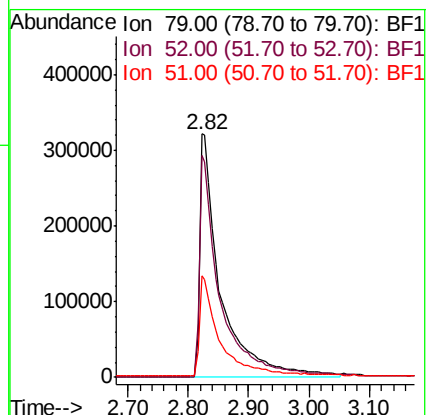
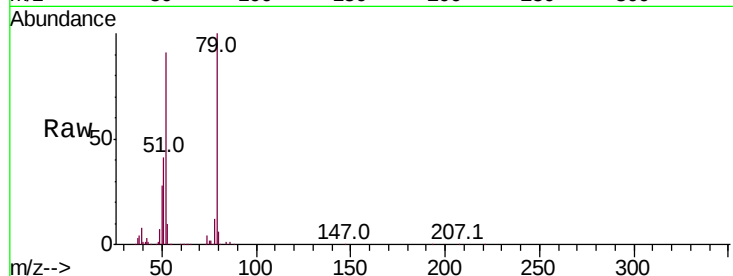
Tot Ion: 79 Resp: 781140

Ion Ratio Lower Upper

79 100

52 91.0 68.4 102.6

51 41.5 31.0 46.4



#4

n-Nitrosodimethylamine

Concen: 46.894 ng

RT: 2.79 min Scan# 119

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

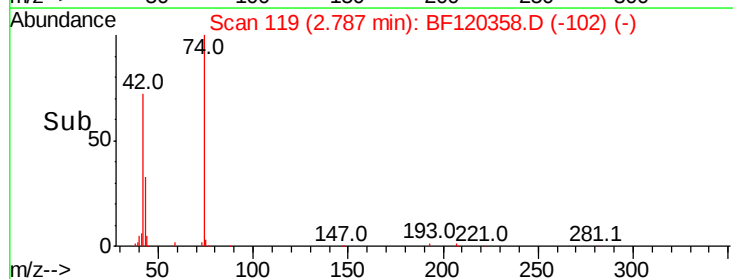
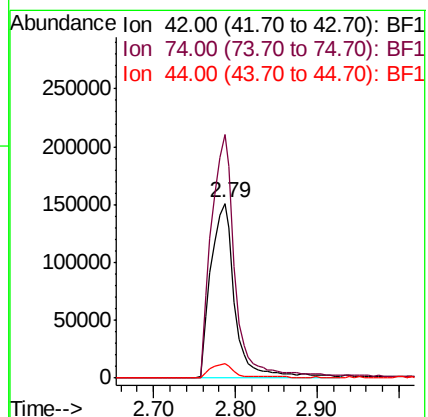
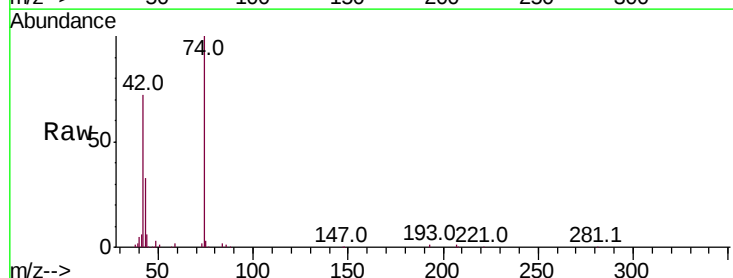
Tgt Ion: 42 Resp: 314365

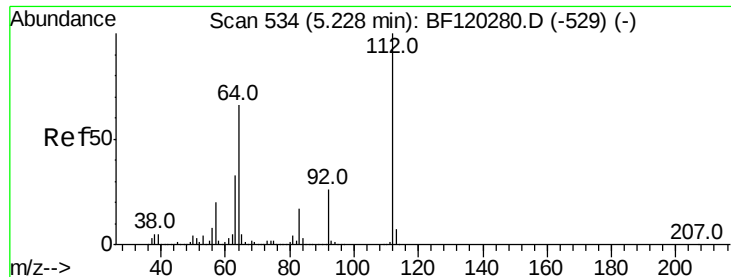
Ion Ratio Lower Upper

42 100

74 139.0 114.8 172.2

44 8.2 5.6 8.4





#5

2-Fluorophenol

Concen: 86.590 ng

RT: 5.20 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

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ClientSampleId :

SSTDCCC040

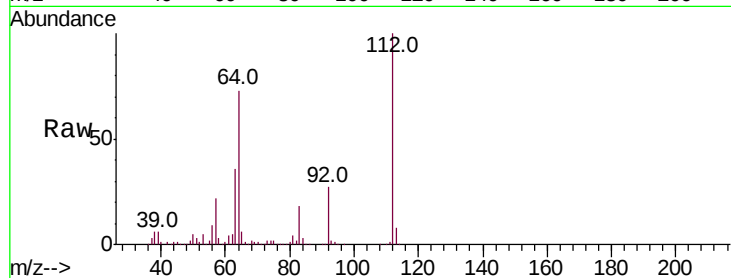
Tot Ion:112 Resp: 1185543

Ion Ratio Lower Upper

112 100

64 72.7 52.7 79.1

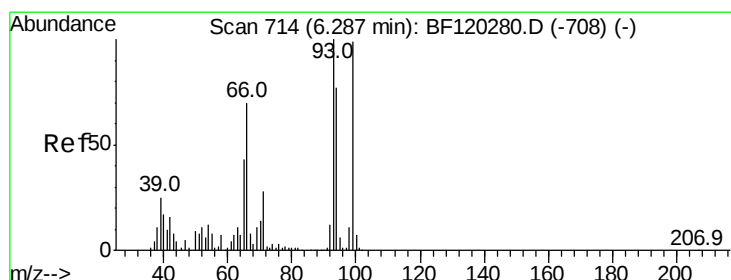
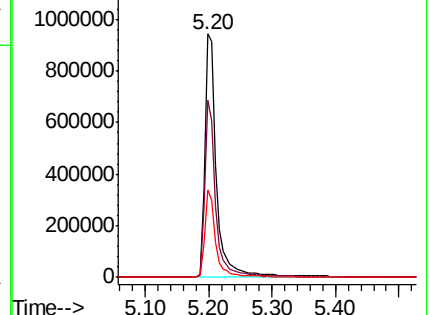
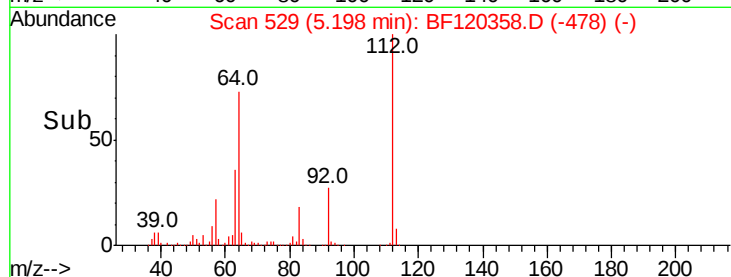
63 35.9 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.163 ng

RT: 6.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

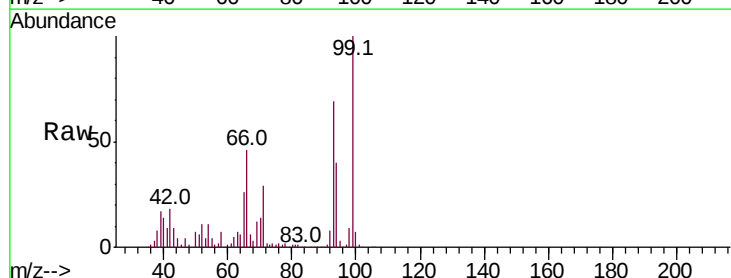
Tgt Ion: 93 Resp: 933595

Ion Ratio Lower Upper

93 100

66 67.2 56.2 84.4

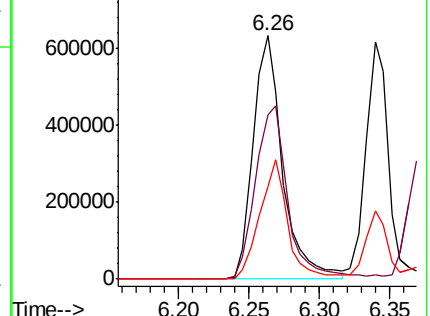
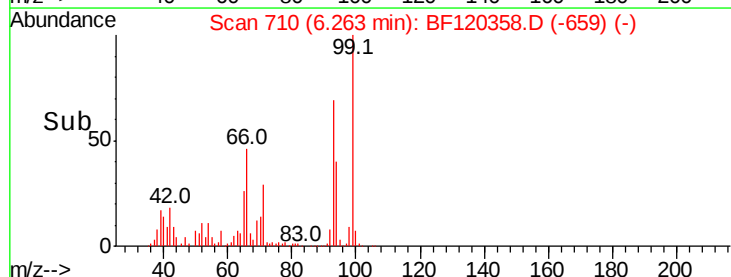
65 37.8 34.2 51.2

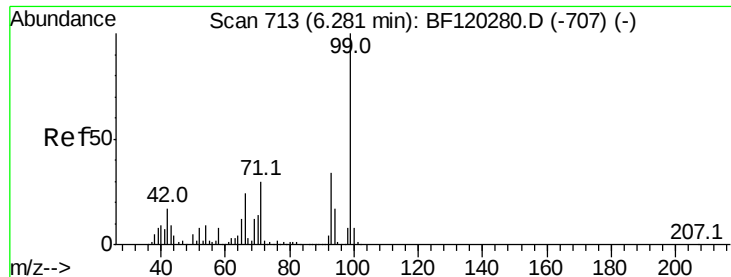


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.221 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

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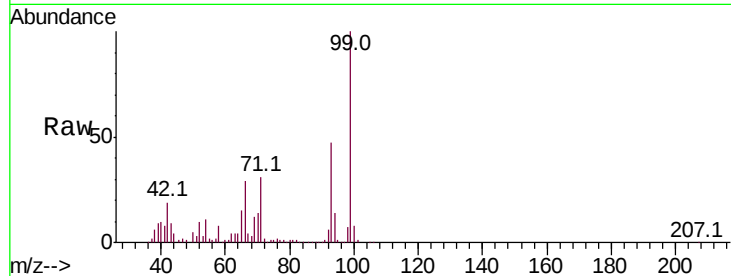
Tot Ion: 99 Resp: 1458208

Ion Ratio Lower Upper

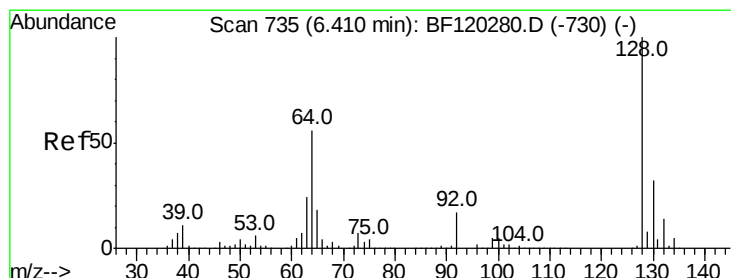
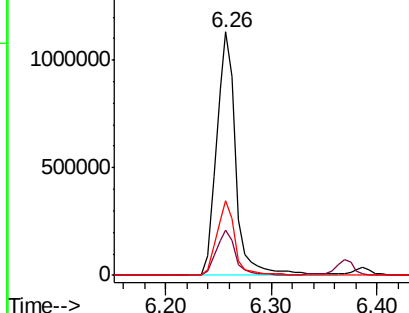
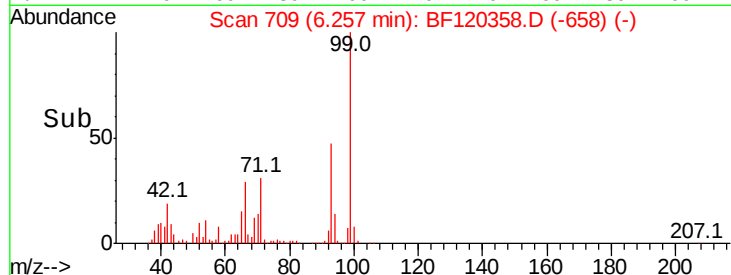
99 100

42 18.7 13.6 20.4

71 30.9 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.281 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

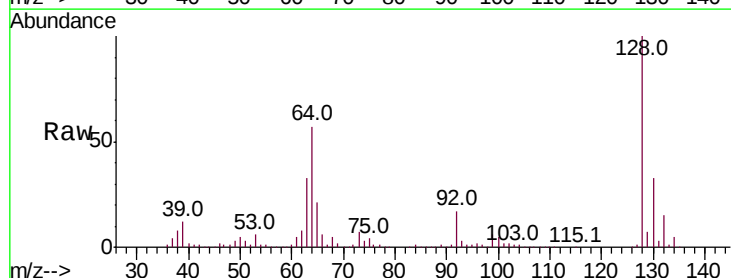
Tgt Ion: 128 Resp: 659004

Ion Ratio Lower Upper

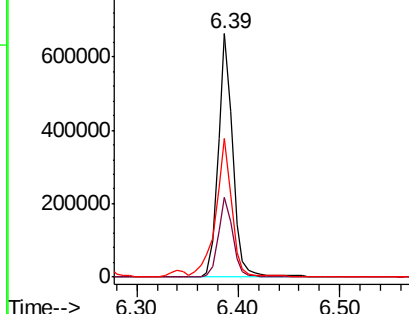
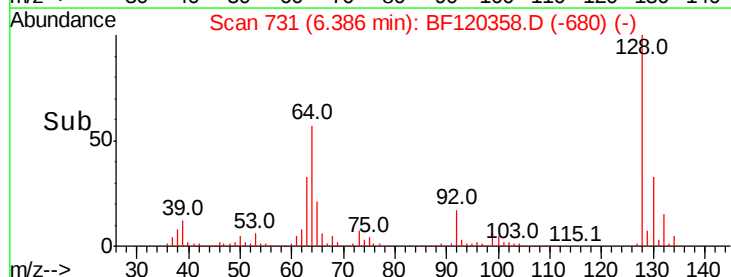
128 100

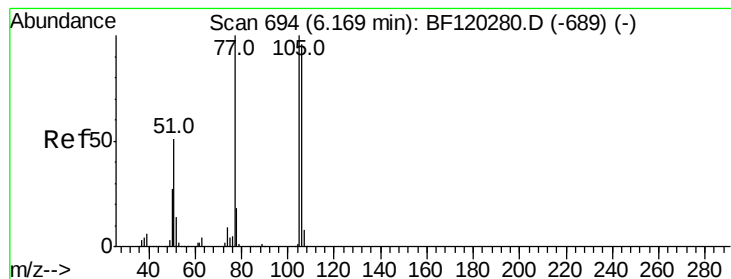
130 32.8 12.4 52.4

64 57.0 36.7 76.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.107 ng

RT: 6.15 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF120358.D

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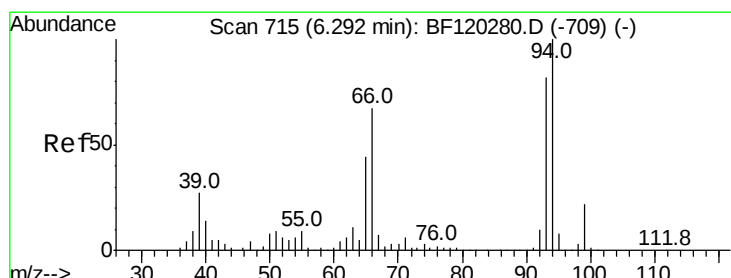
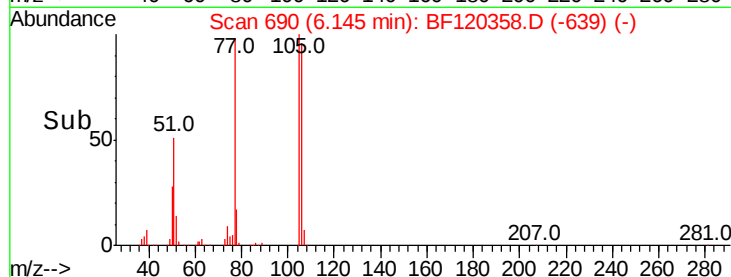
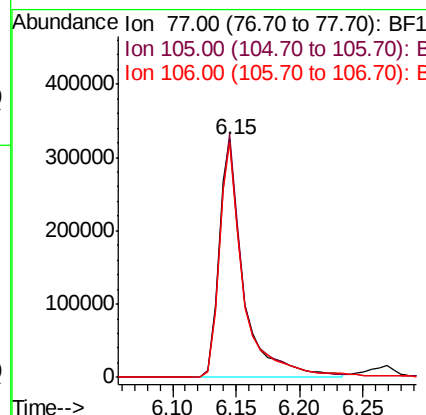
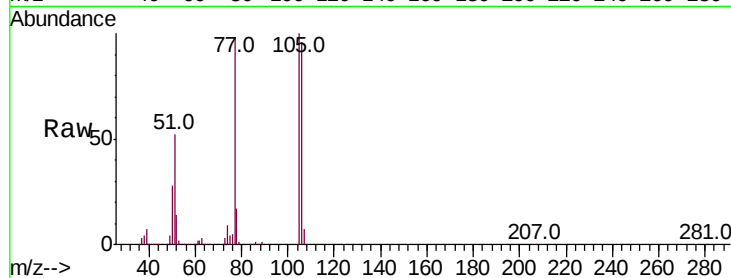
Tot Ion: 77 Resp: 438758

Ion Ratio Lower Upper

77 100

105 102.2 79.9 119.9

106 98.4 75.7 115.7



#10

Phenol

Concen: 42.190 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

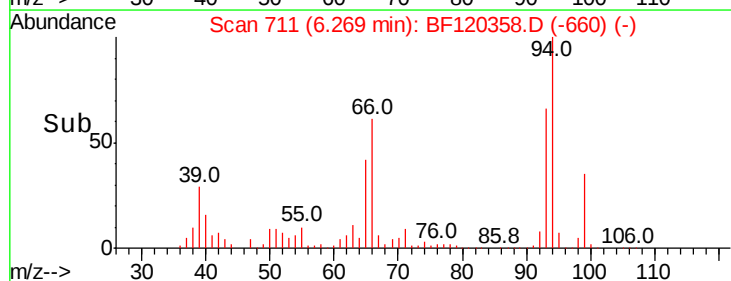
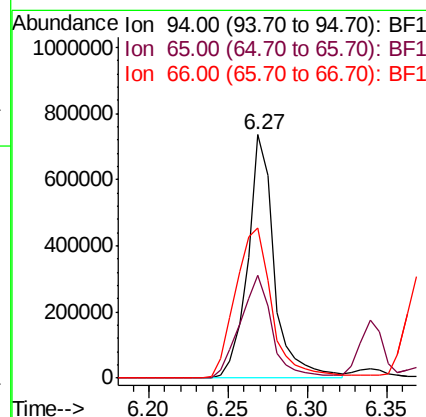
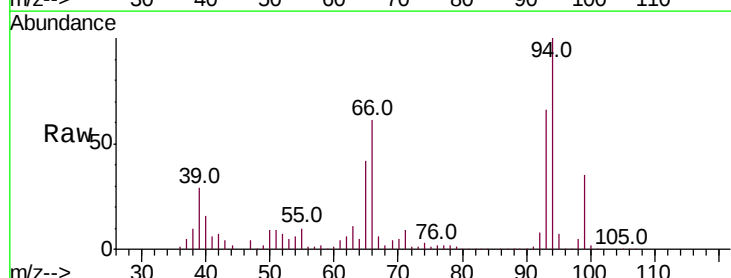
Tgt Ion: 94 Resp: 852728

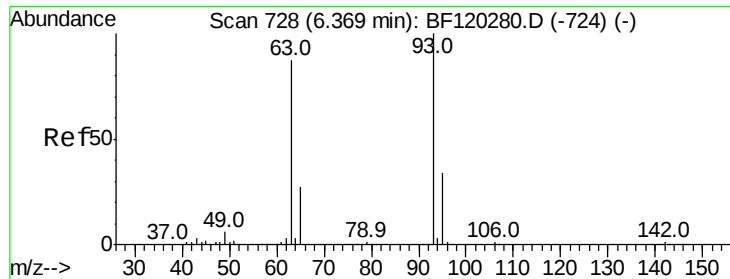
Ion Ratio Lower Upper

94 100

65 42.2 24.1 64.1

66 61.4 47.5 87.5

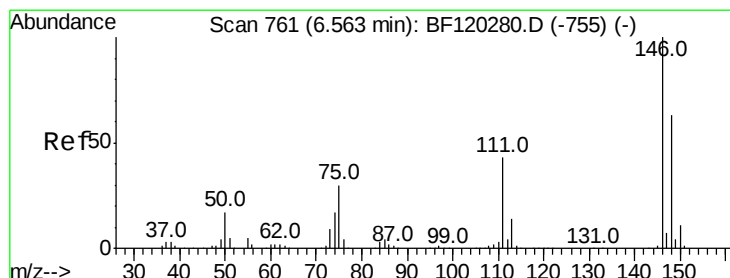
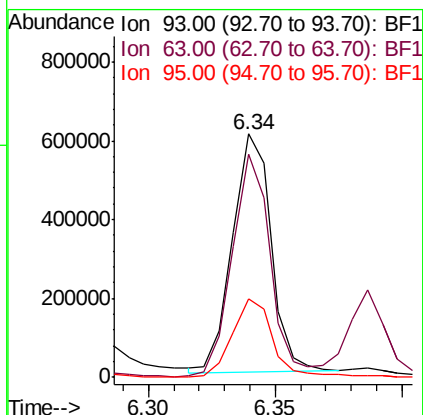
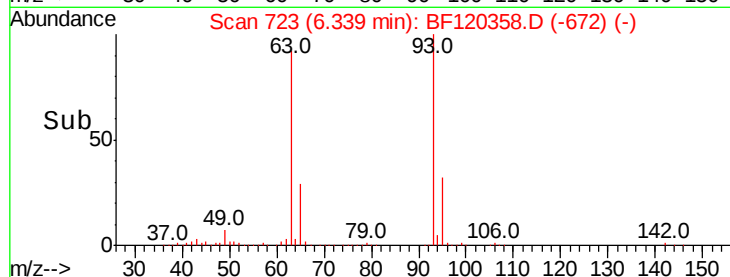
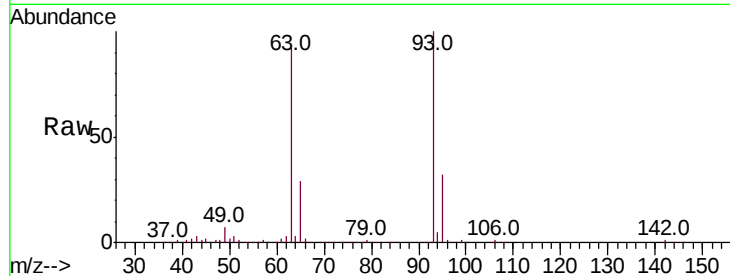




#11
 bis(2-Chloroethyl)ether
 Concen: 39.596 ng
 RT: 6.34 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

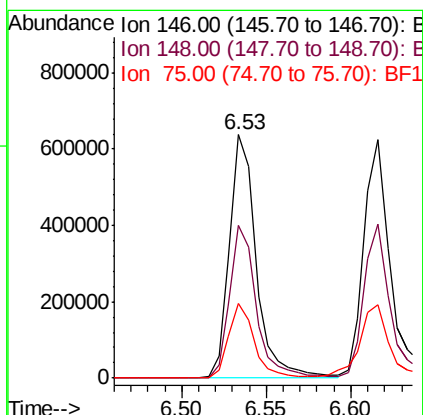
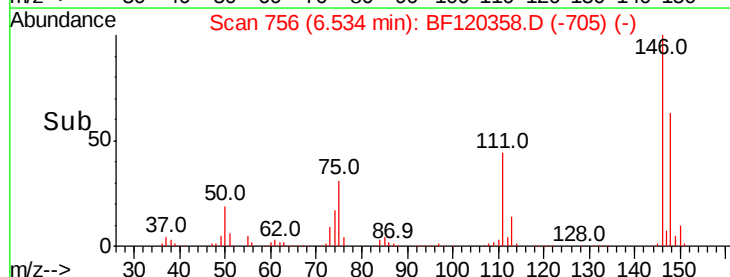
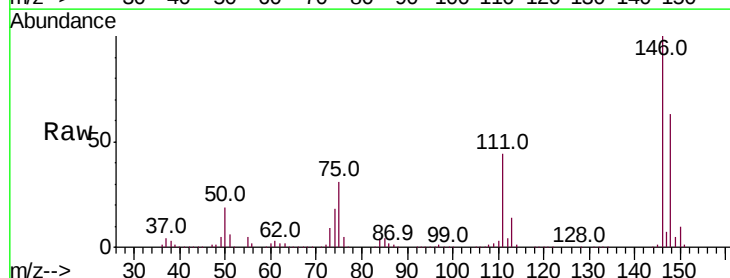
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

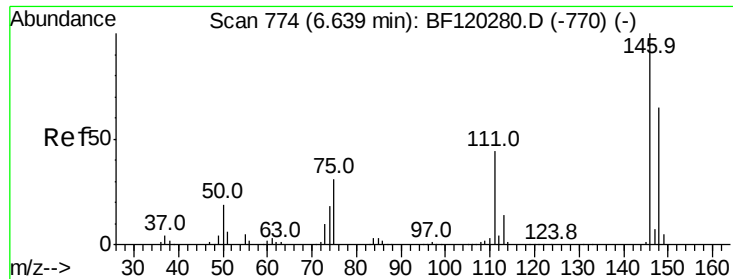
Tot Ion: 93 Resp: 639267
 Ion Ratio Lower Upper
 93 100
 63 91.7 65.4 105.4
 95 32.2 12.9 52.9



#12
 1,3-Dichlorobenzene
 Concen: 41.242 ng
 RT: 6.53 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

Tgt Ion: 146 Resp: 704487
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.5 75.7
 75 30.7 24.2 36.4

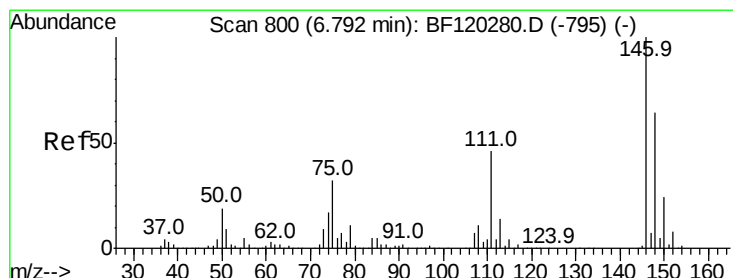
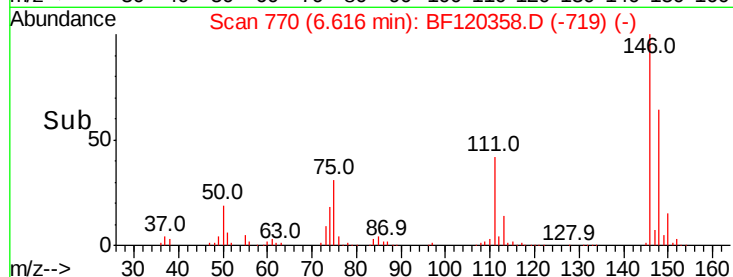
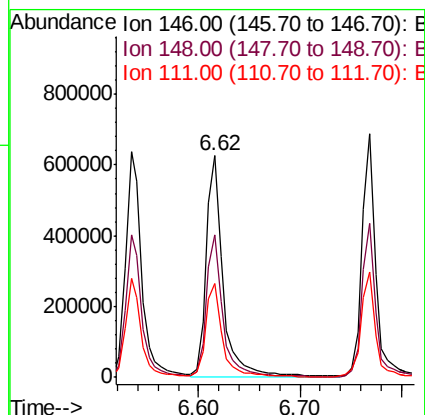
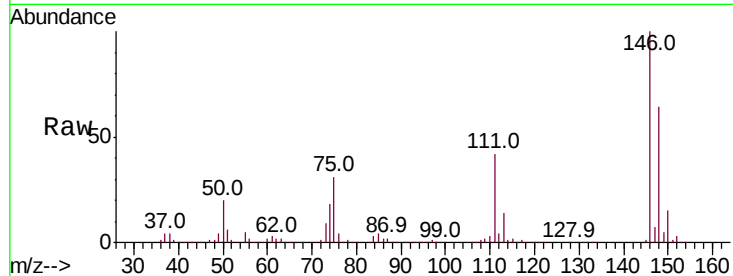




#13
 1,4-Dichlorobenzene
 Concen: 41.245 ng
 RT: 6.62 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

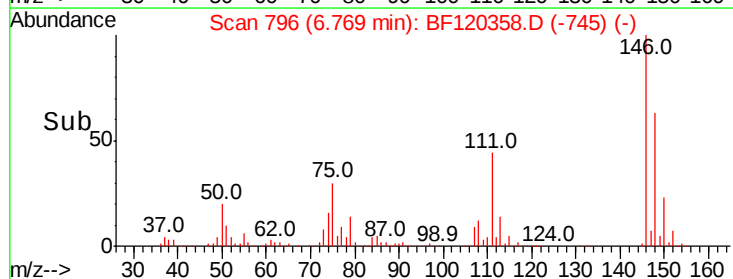
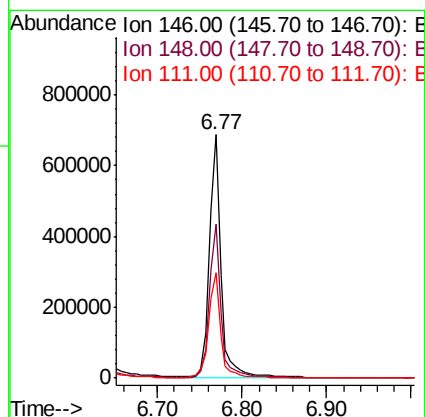
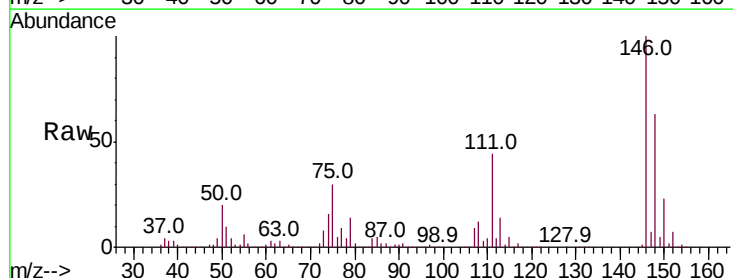
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

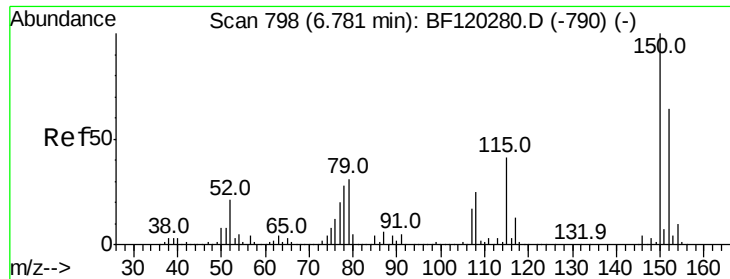
Tot Ion:146 Resp: 725649
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.6 77.4
 111 42.4 35.1 52.7



#14
 1,2-Dichlorobenzene
 Concen: 41.631 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

Tgt Ion:146 Resp: 659578
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.1 76.7
 111 43.5 36.6 55.0





#15

Benzyl Alcohol

Concen: 43.769 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

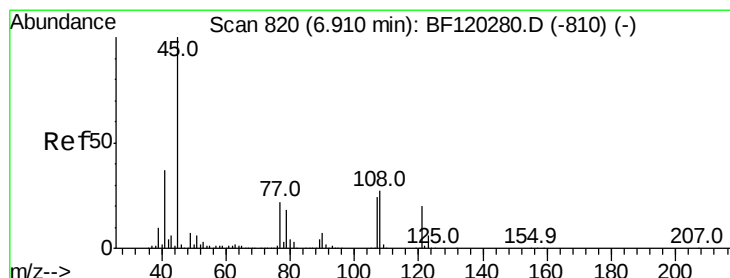
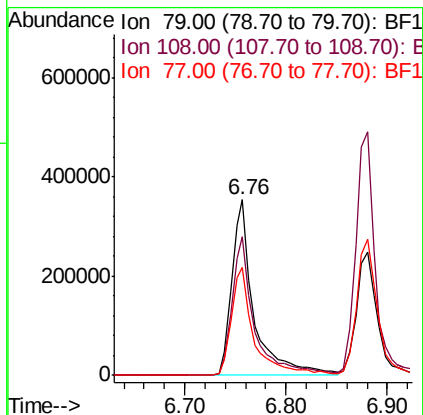
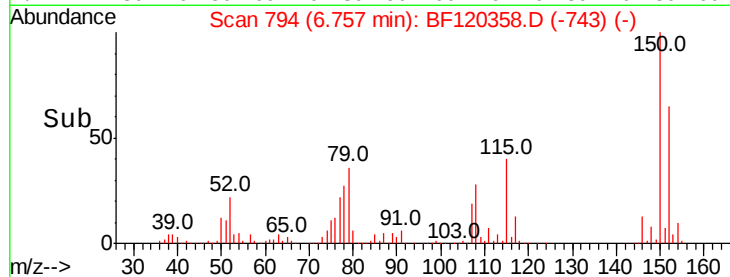
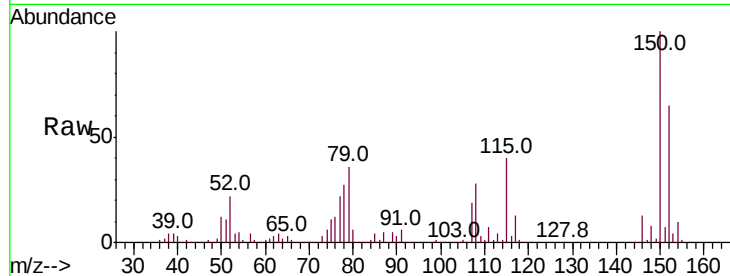
Tot Ion: 79 Resp: 538376

Ion Ratio Lower Upper

79 100

108 78.9 64.2 96.4

77 61.2 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.542 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

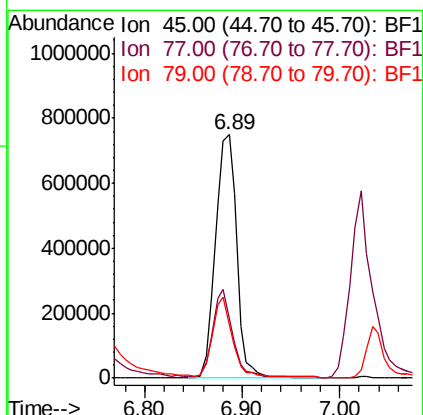
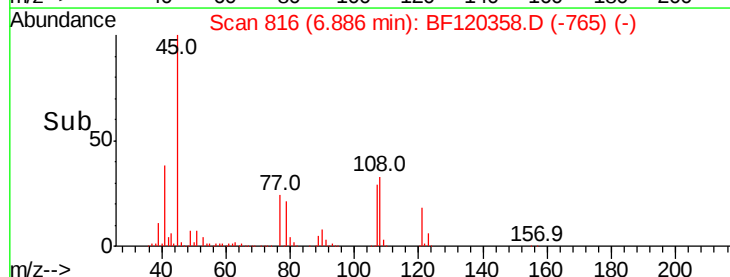
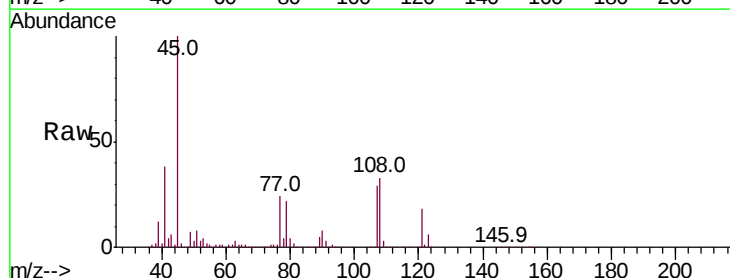
Tgt Ion: 45 Resp: 1133300

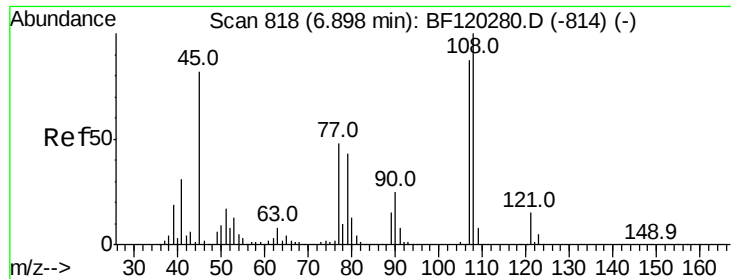
Ion Ratio Lower Upper

45 100

77 24.1 3.1 43.1

79 21.5 0.0 40.0

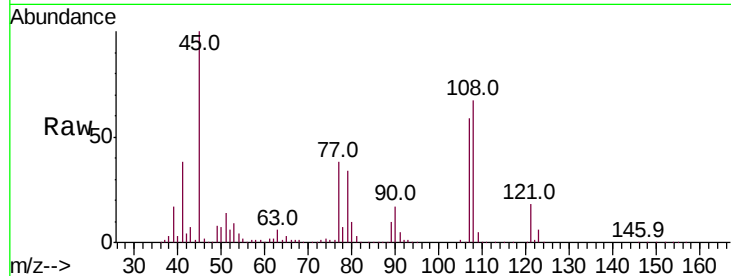




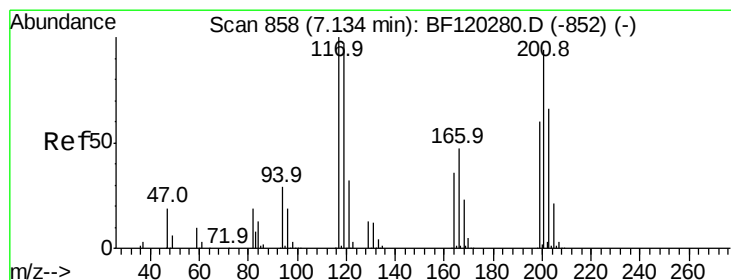
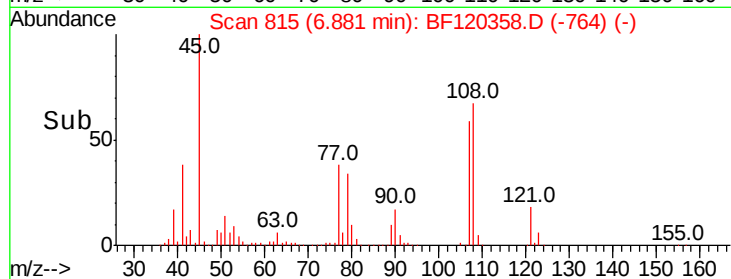
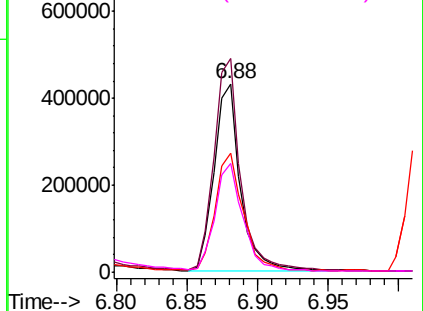
#17
2-Methylphenol
Concen: 41.605 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 560688
Ion Ratio Lower Upper
107 100
108 113.3 92.4 138.6
77 63.4 44.5 66.7
79 57.5 40.4 60.6

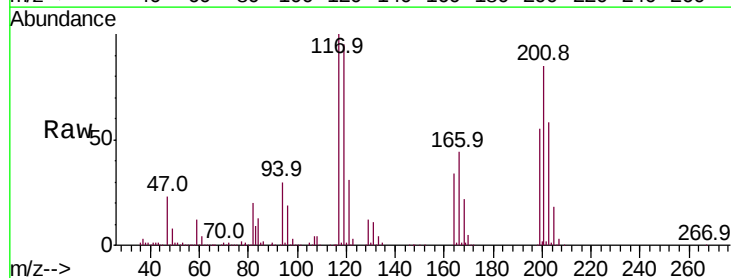


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

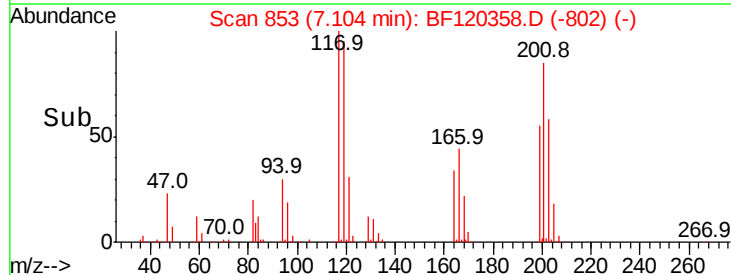
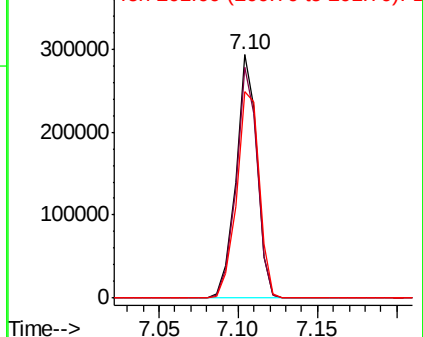


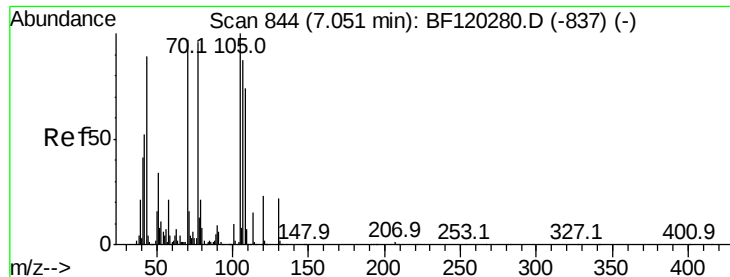
#18
Hexachloroethane
Concen: 40.293 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

Tgt Ion:117 Resp: 270055
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.0
201 84.9 74.9 112.3



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

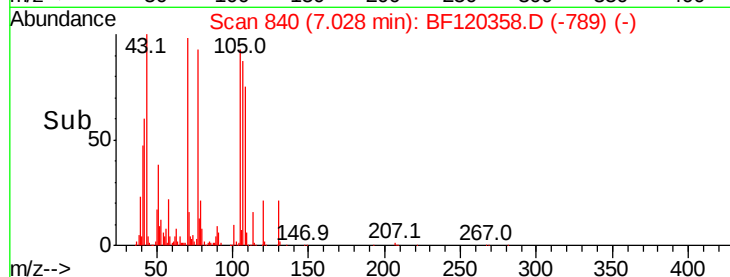
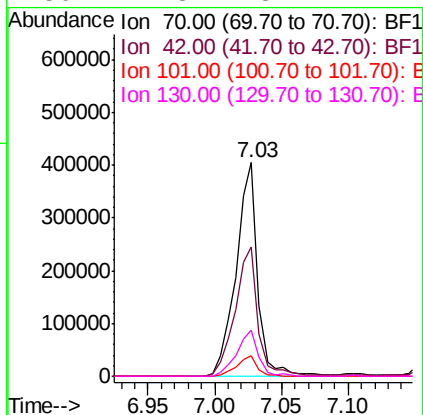
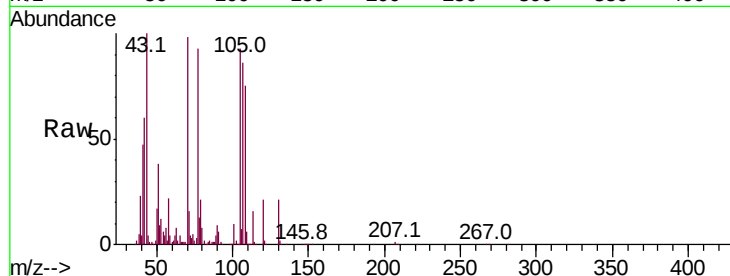




#19
n-Nitroso-di-n-propylamine
Concen: 40.677 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

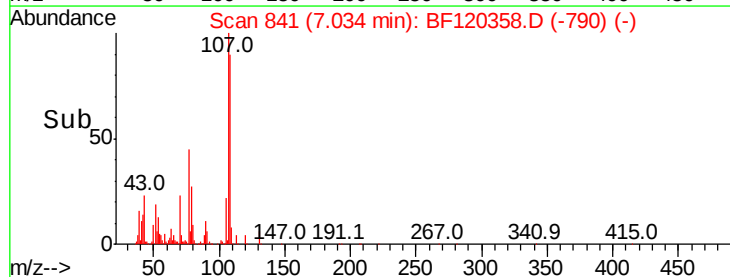
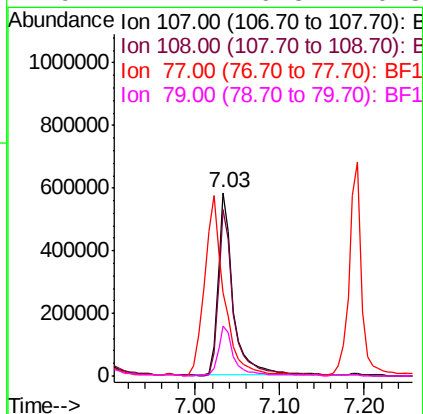
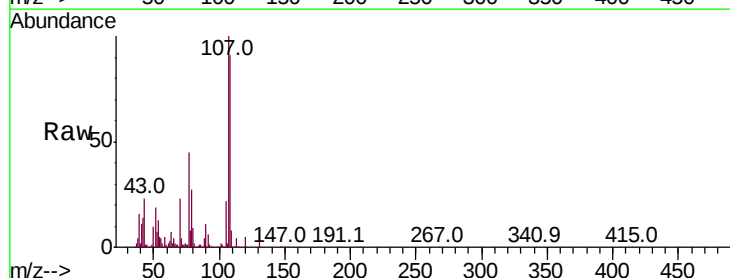
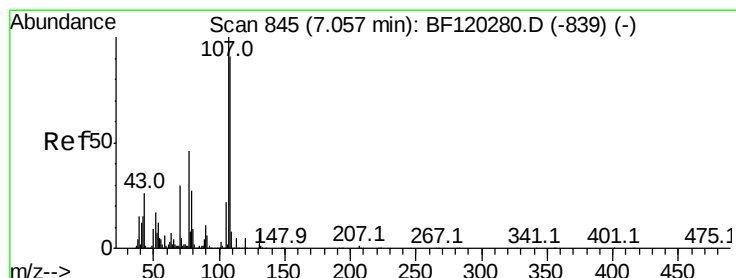
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

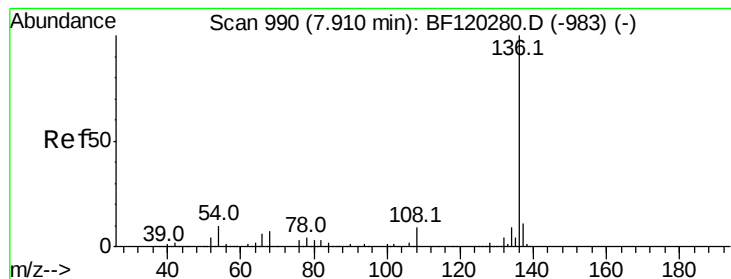
Tot Ion:	70	Resp:	461398
Ion	Ratio	Lower	Upper
70	100		
42	60.8	43.4	65.0
101	9.7	7.8	11.8
130	21.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.256 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

Tgt Ion:	107	Resp:	740370
Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.1	111.1
77	45.5	28.1	68.1
79	27.2	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1059824

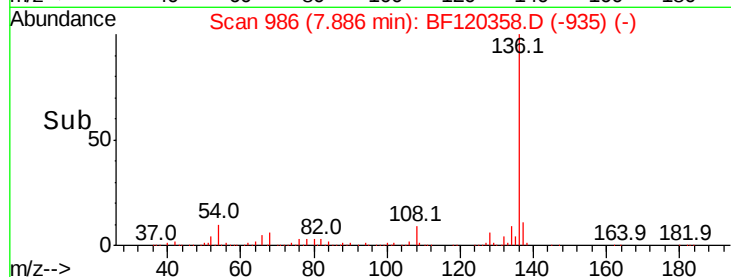
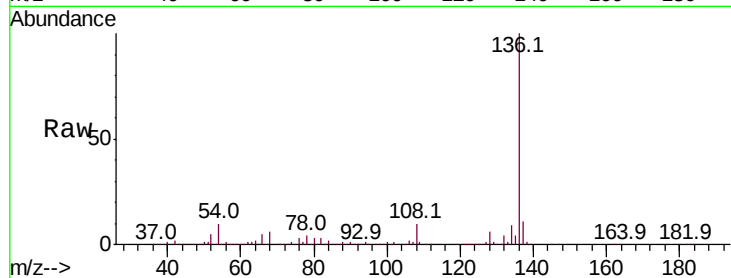
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 10.3 7.9 11.9

68 6.5 5.4 8.2

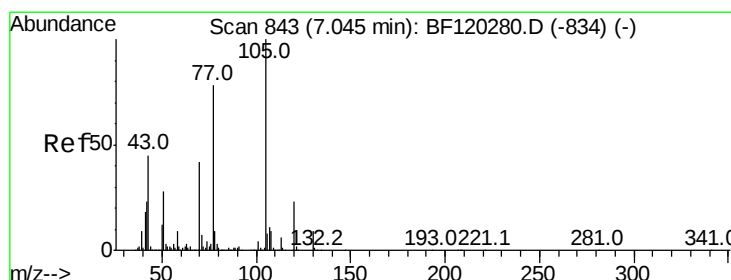
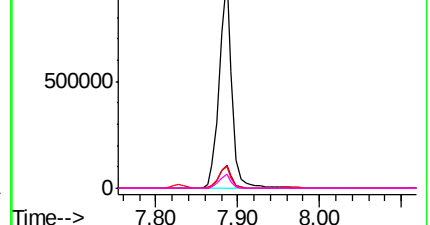


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.516 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Tgt Ion:105 Resp: 923095

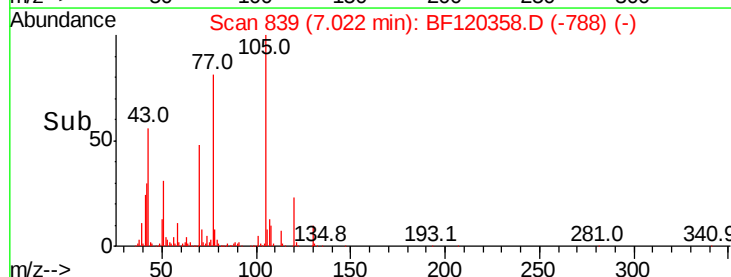
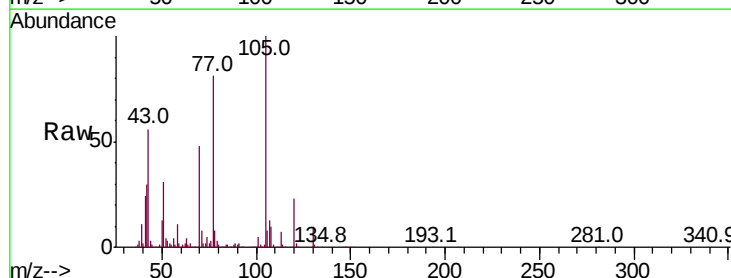
Ion Ratio Lower Upper

105 100

71 7.9 5.6 8.4

51 31.3 22.6 34.0

120 22.9 18.7 28.1

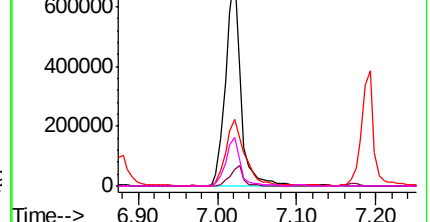


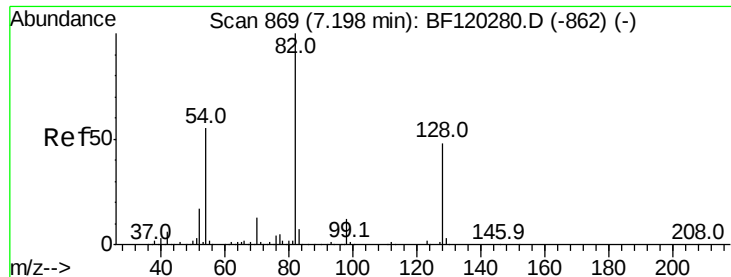
Abundance Ion 105.00 (104.70 to 105.70): E

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



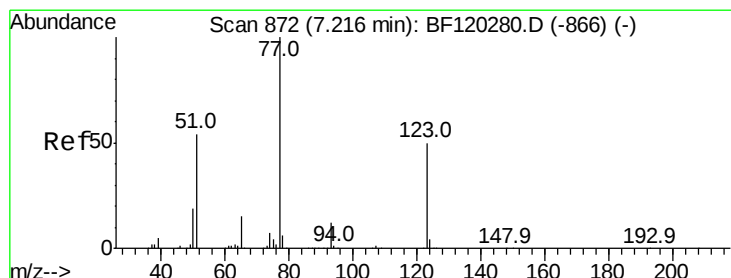
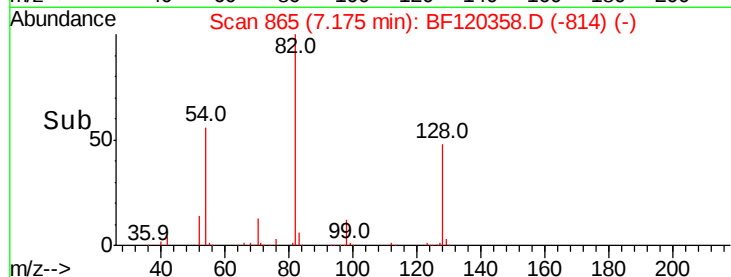
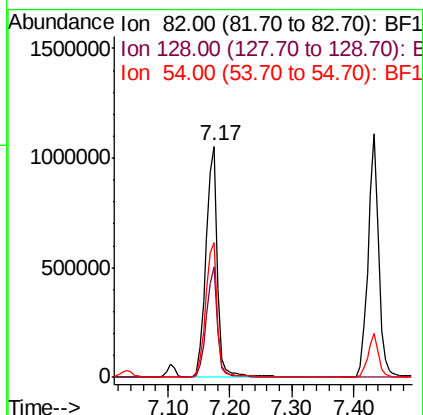
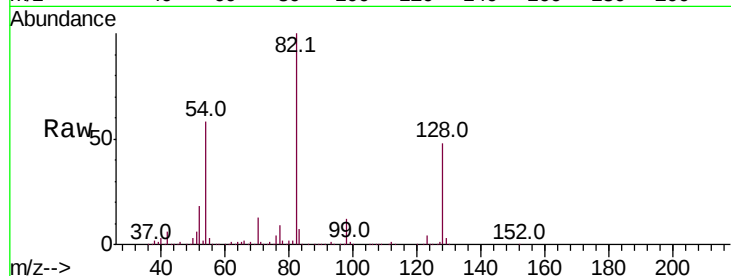


#23
 Nitrobenzene-d5
 Concen: 87.781 ng
 RT: 7.17 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion: 82 Resp: 1358802

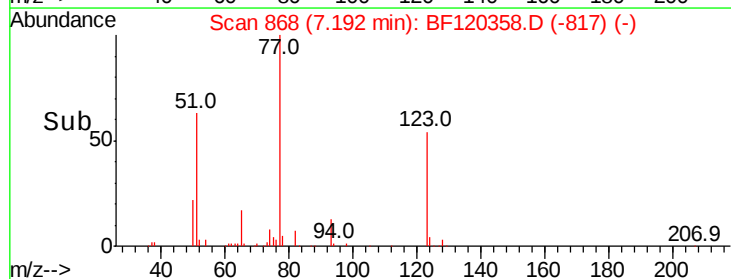
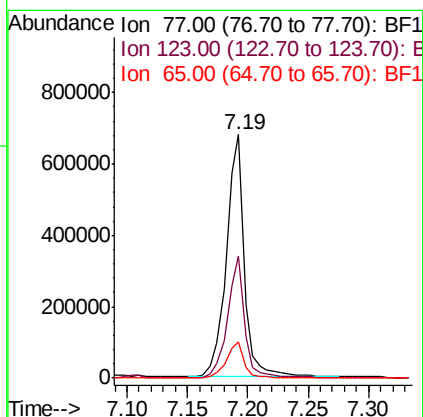
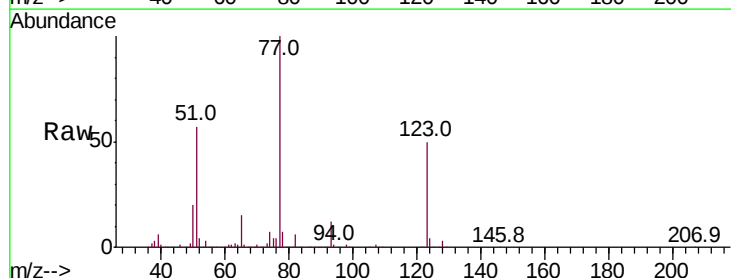
Ion	Ratio	Lower	Upper
82	100		
128	47.8	38.3	57.5
54	58.4	43.9	65.9

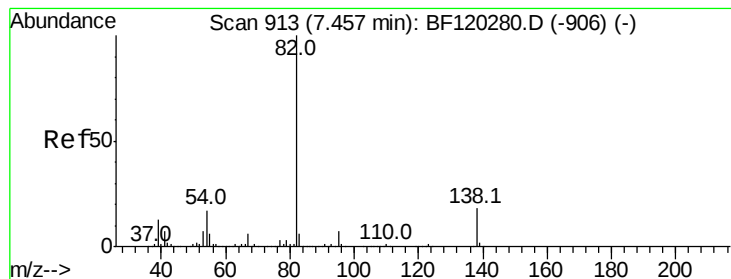


#24
 Nitrobenzene
 Concen: 42.210 ng
 RT: 7.19 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

Tgt Ion: 77 Resp: 703181

Ion	Ratio	Lower	Upper
77	100		
123	50.2	40.0	60.0
65	14.8	11.7	17.5





#25

Isophorone

Concen: 41.028 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

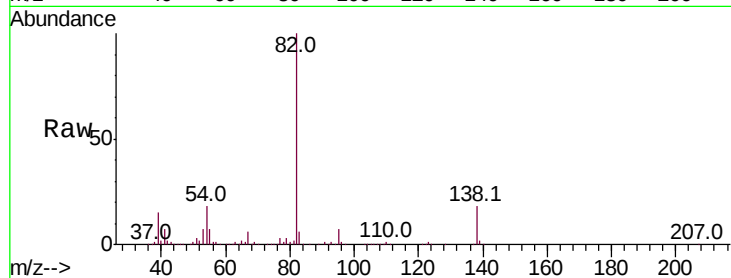
Tot Ion: 82 Resp: 1321426

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

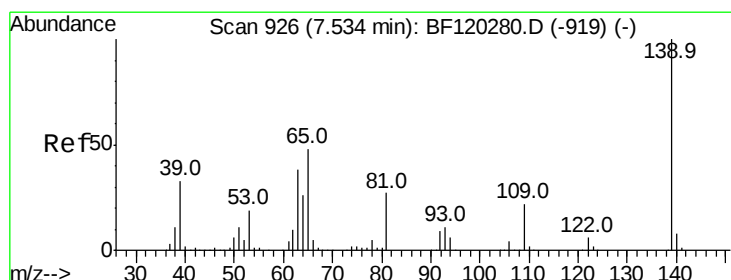
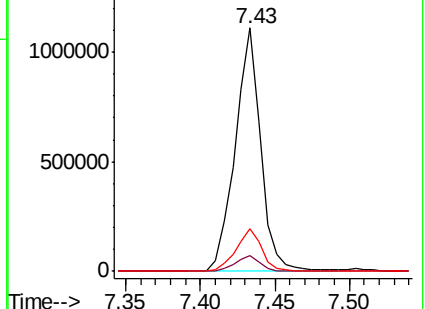
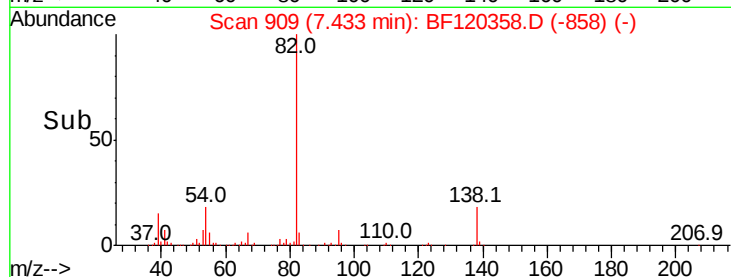
138 17.7 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.394 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

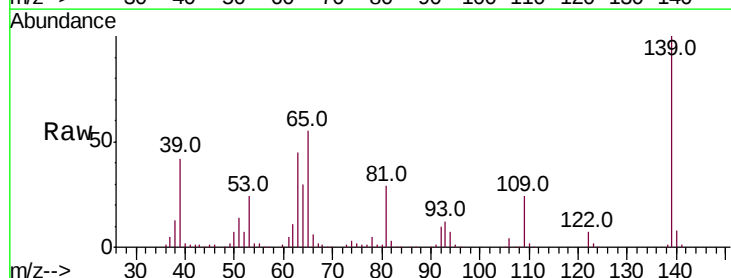
Tgt Ion: 139 Resp: 369364

Ion Ratio Lower Upper

139 100

109 24.3 17.7 26.5

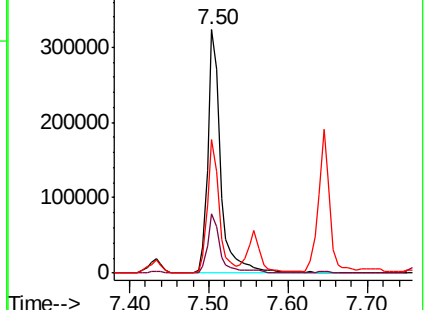
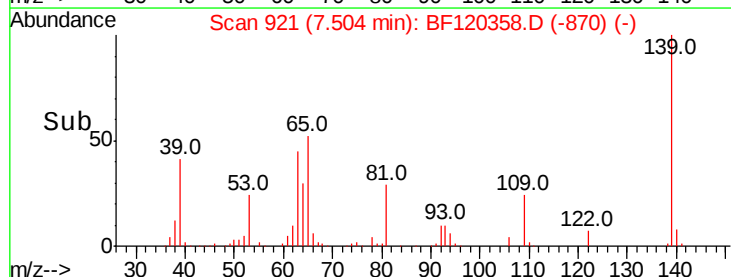
65 54.7 38.3 57.5

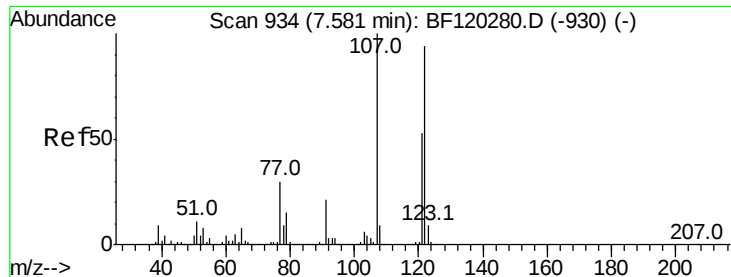


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

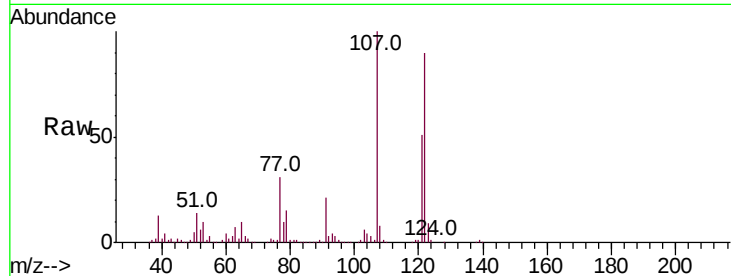




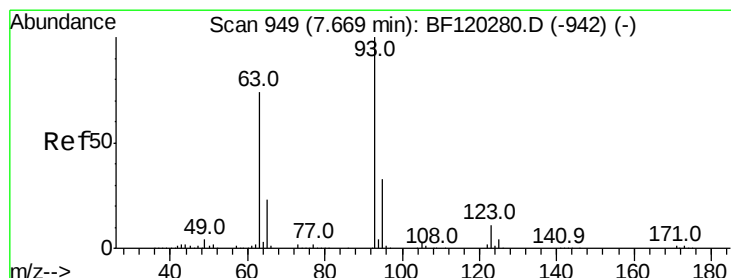
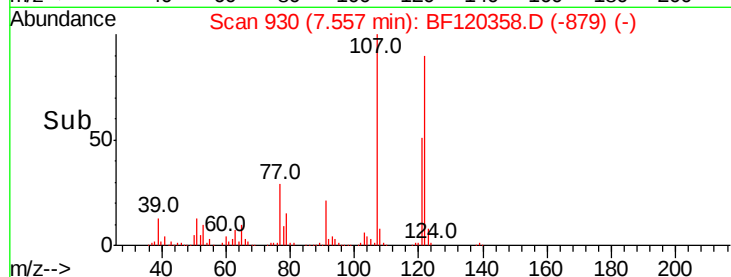
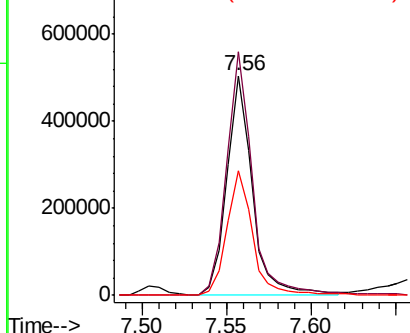
#27
2,4-Dimethylphenol
Concen: 41.457 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 525432
Ion Ratio Lower Upper
122 100
107 110.8 85.0 127.6
121 56.4 45.1 67.7

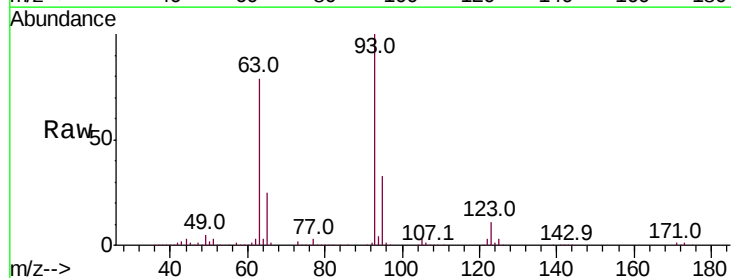


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

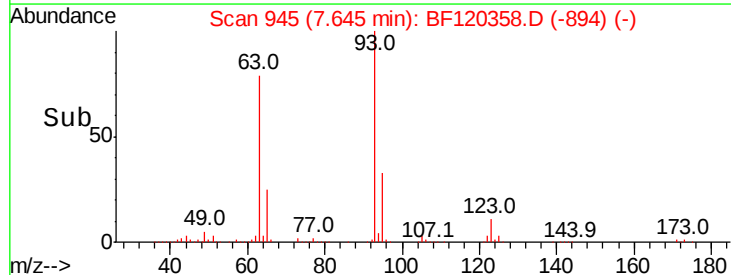
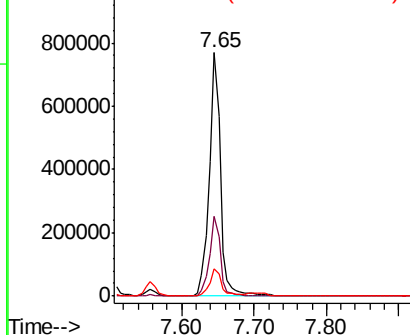


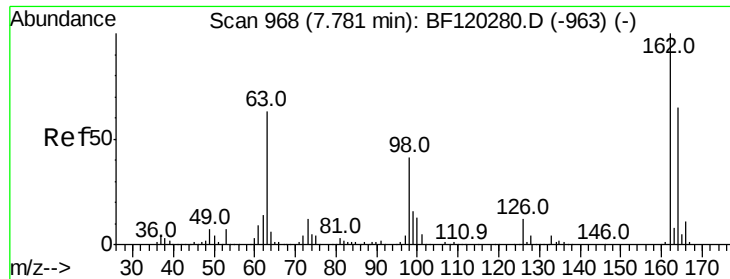
#28
bis(2-Chloroethoxy)methane
Concen: 40.654 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

Tgt Ion: 93 Resp: 823013
Ion Ratio Lower Upper
93 100
95 32.8 26.8 40.2
123 11.0 9.2 13.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

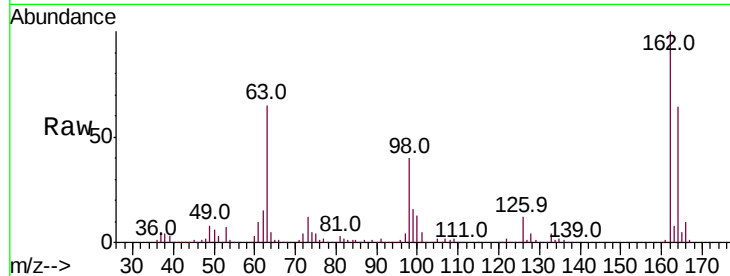




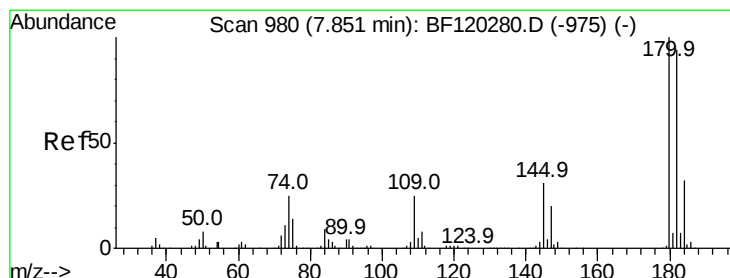
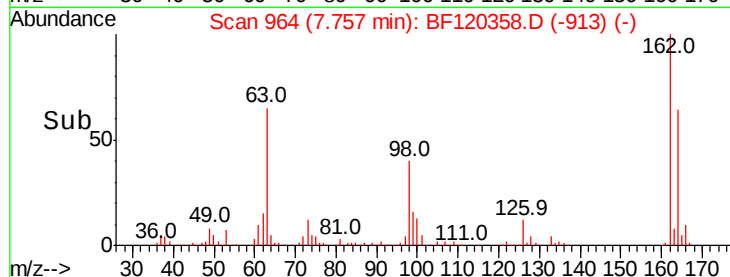
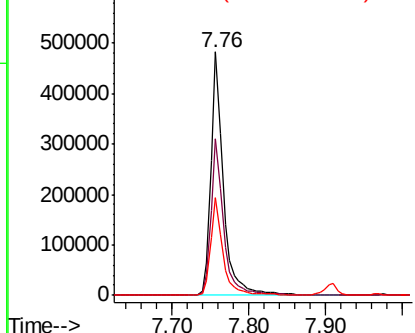
#29
 2,4-Dichlorophenol
 Concen: 41.478 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.9	84.9
98	40.2	20.7	60.7

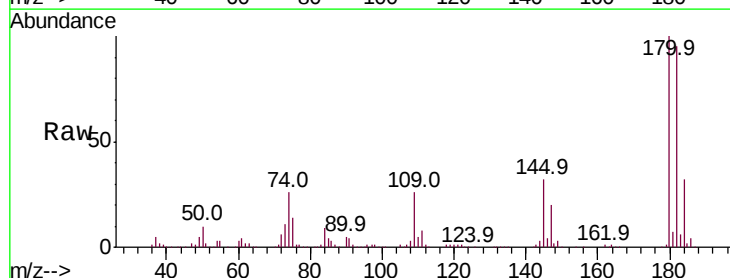


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

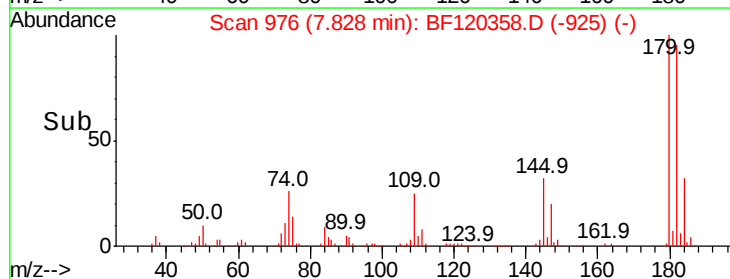
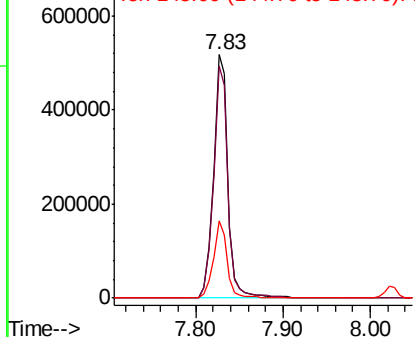


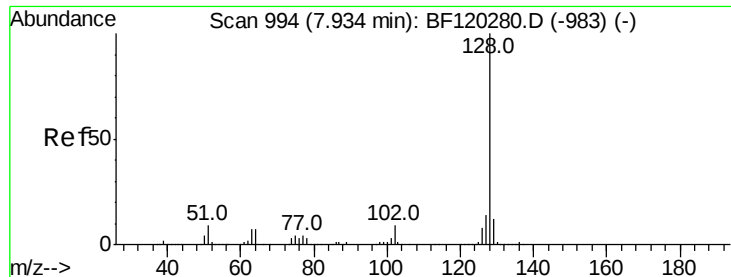
#30
 1,2,4-Trichlorobenzene
 Concen: 40.950 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.3	112.9
145	31.5	24.9	37.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

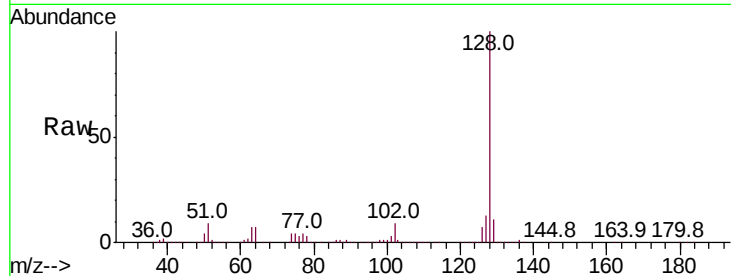




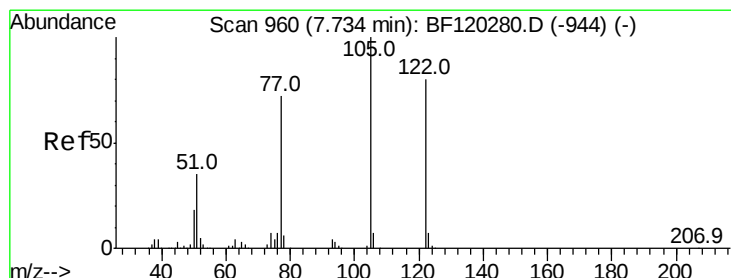
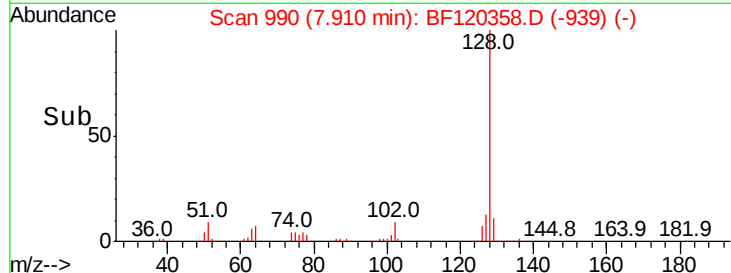
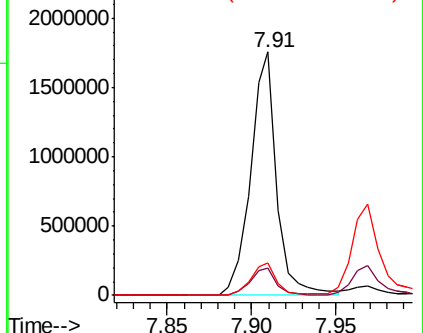
#31
Naphthalene
Concen: 42.200 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1887589
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.2 11.2 16.8

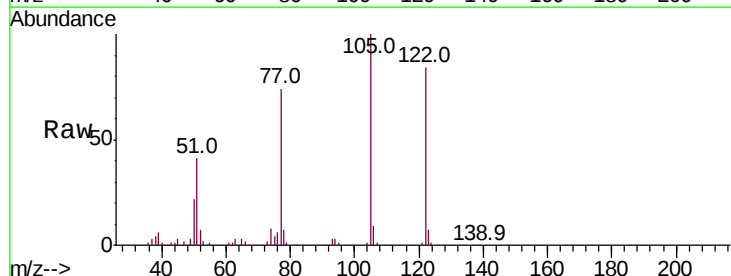


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

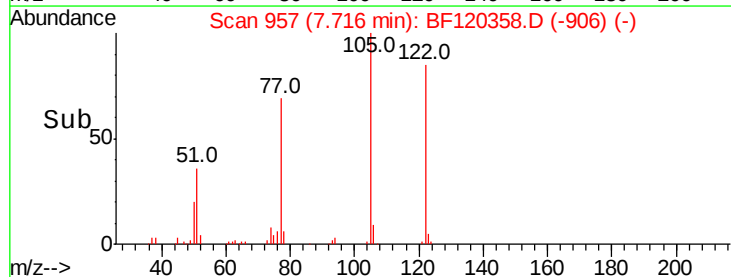
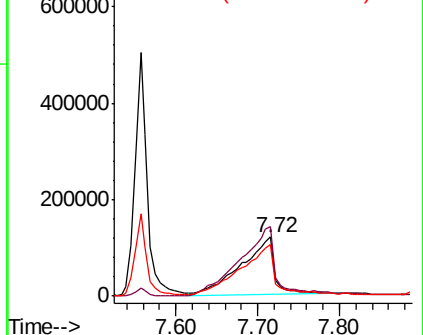


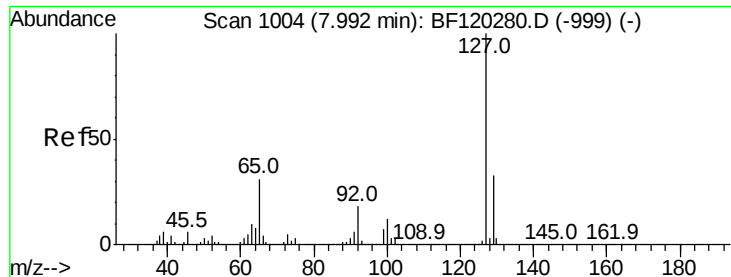
#32
Benzoic acid
Concen: 41.281 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

Tgt Ion:122 Resp: 342950
Ion Ratio Lower Upper
122 100
105 118.6 98.1 138.1
77 88.1 66.7 106.7



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

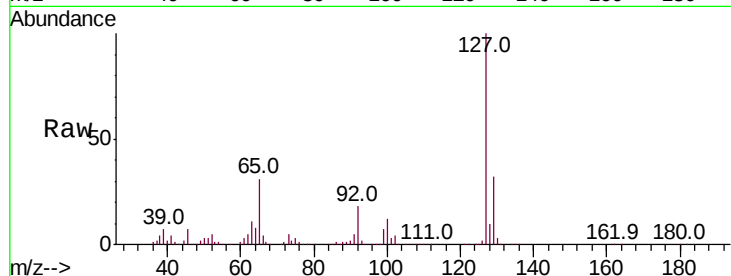




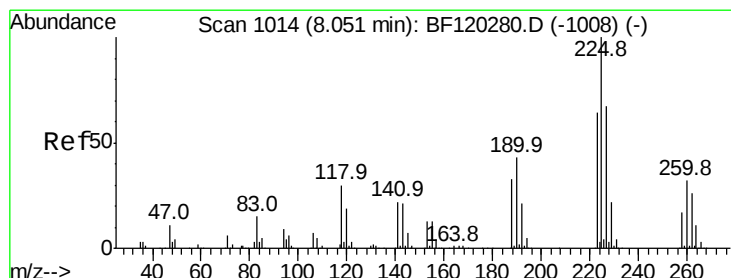
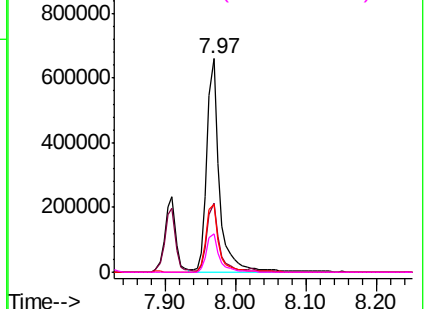
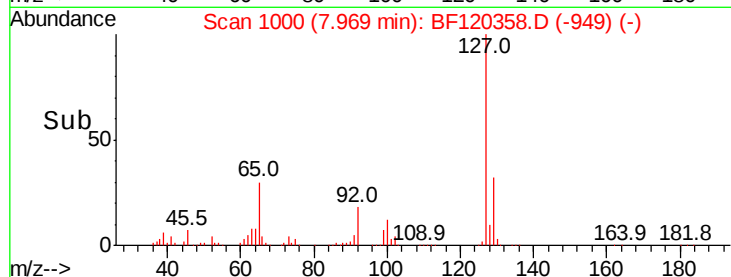
#33
4-Chloroaniline
Concen: 39.876 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	812849
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.4	39.6
65	31.5	24.8	37.2
92	17.8	14.5	21.7

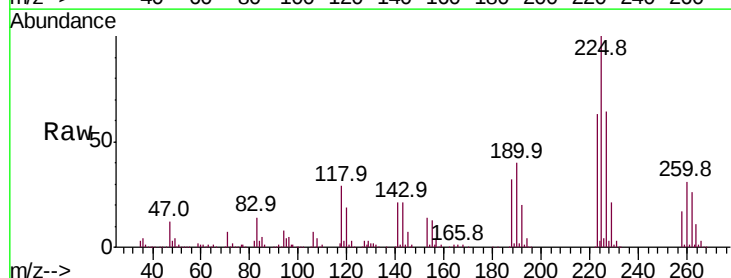


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

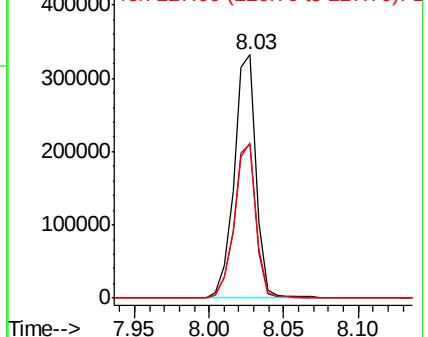
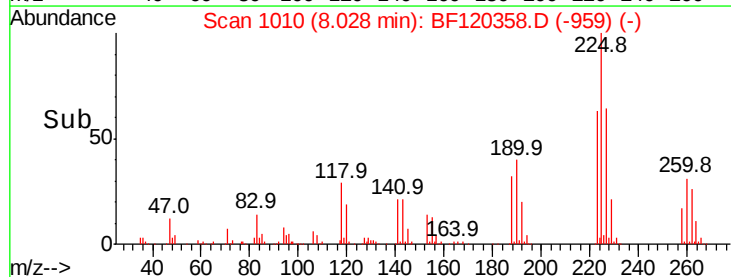


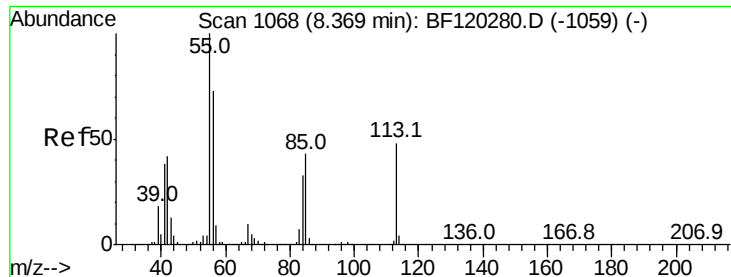
#34
Hexachlorobutadiene
Concen: 41.264 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

Tgt Ion:	225	Resp:	344035
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.4	77.0
227	63.9	54.0	81.0



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: 41.019 ng

RT: 8.35 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

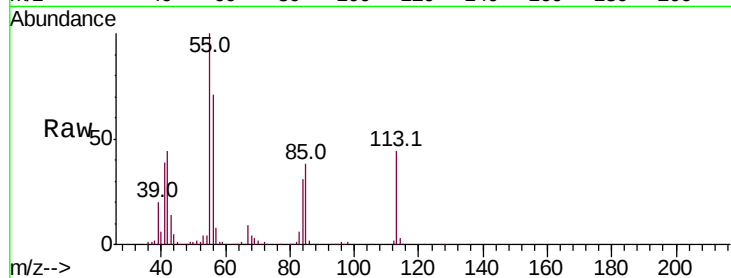
Tot Ion:113 Resp: 174681

Ion Ratio Lower Upper

113 100

55 227.7 190.4 230.4

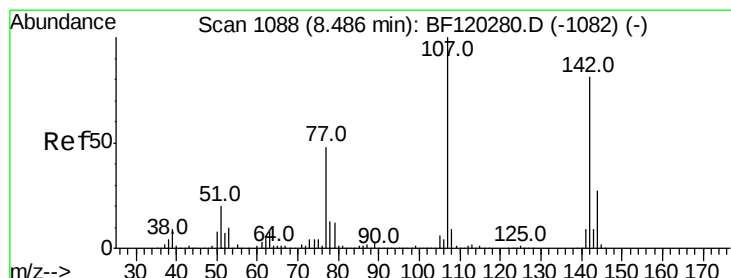
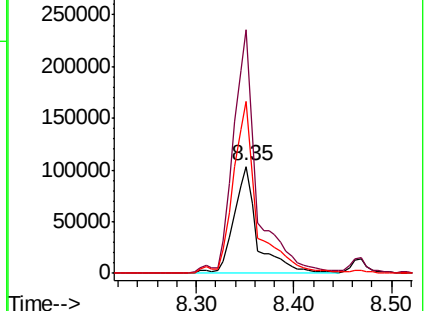
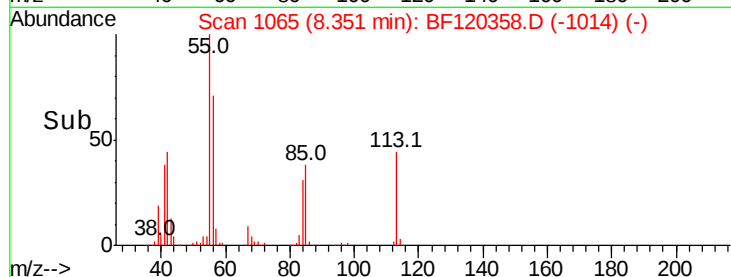
56 160.8 132.7 172.7



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: 40.998 ng

RT: 8.47 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

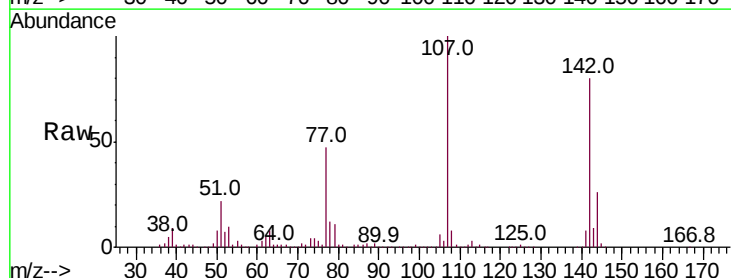
Tgt Ion:107 Resp: 577312

Ion Ratio Lower Upper

107 100

144 26.0 21.4 32.2

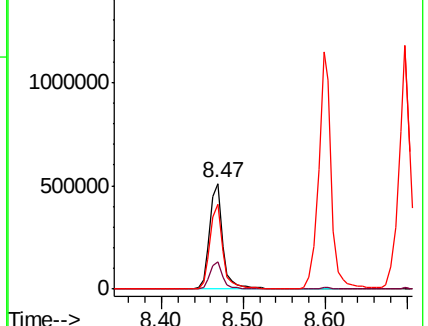
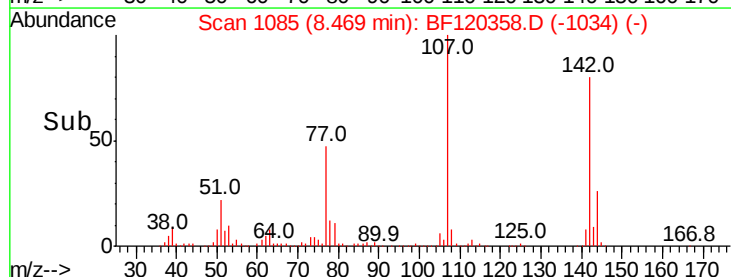
142 80.2 65.1 97.7

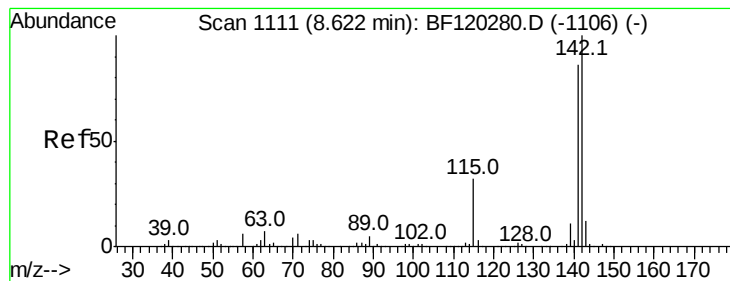


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.392 ng

RT: 8.60 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

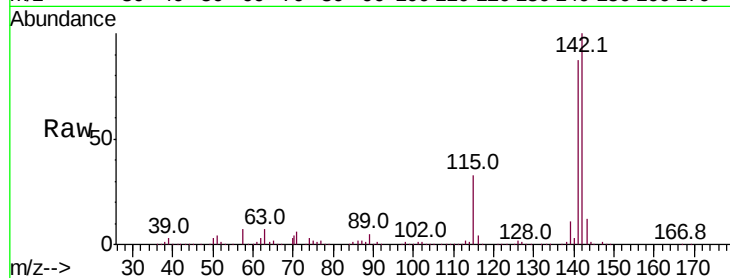
Tot Ion:142 Resp: 1236377

Ion Ratio Lower Upper

142 100

141 86.7 68.8 103.2

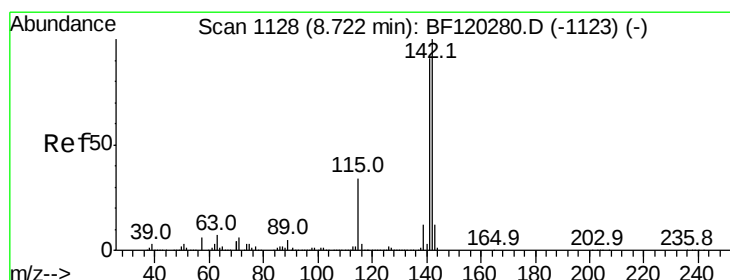
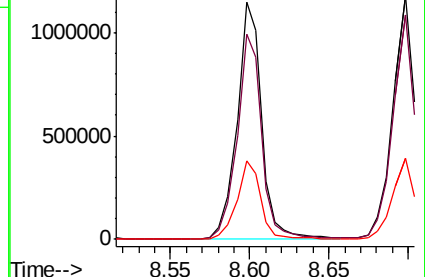
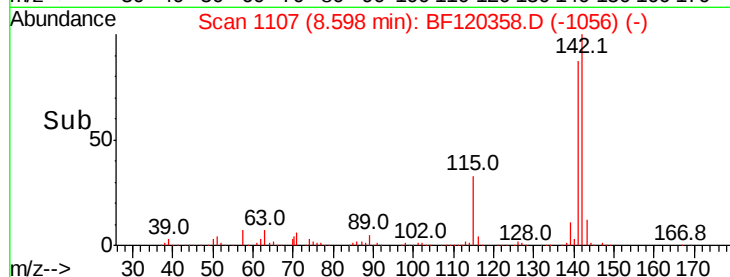
115 32.9 25.7 38.5



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: 39.666 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

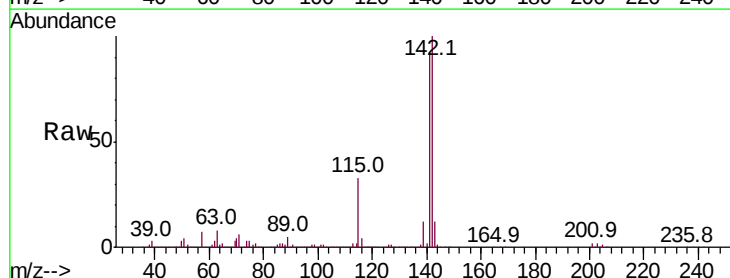
Tgt Ion:142 Resp: 1177585

Ion Ratio Lower Upper

142 100

141 92.2 73.0 109.6

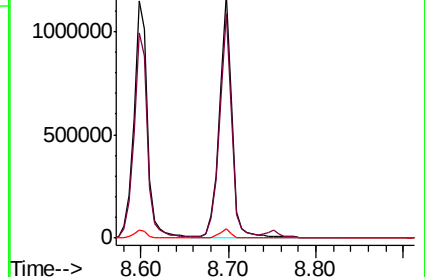
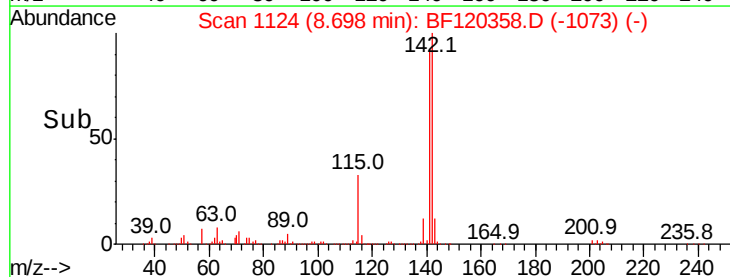
116 3.6 2.7 4.1

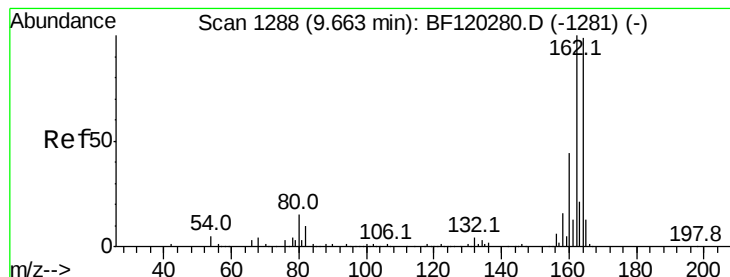


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

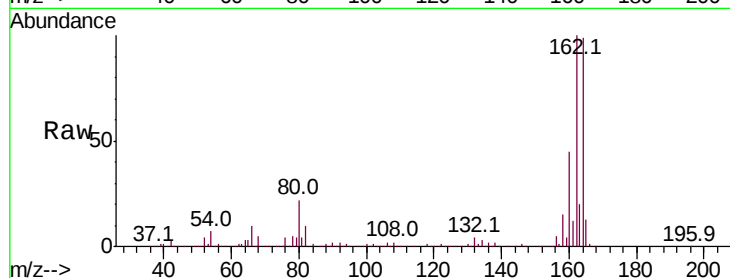
Tot Ion:164 Resp: 530719

Ion Ratio Lower Upper

164 100

162 101.0 81.2 121.8

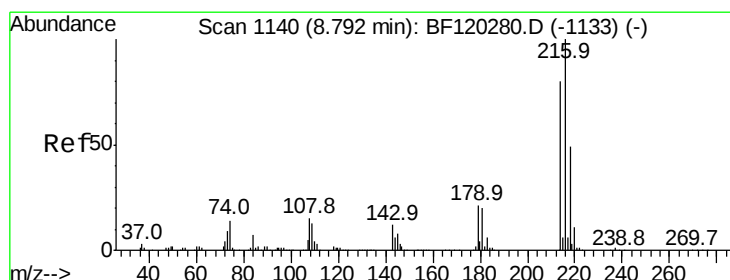
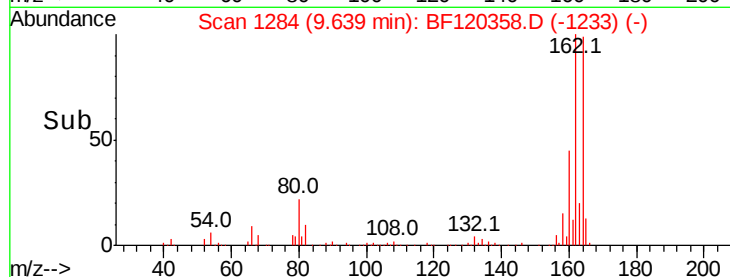
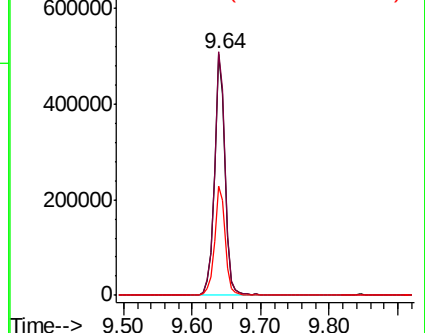
160 45.4 35.8 53.6



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: 41.283 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Tgt Ion:216 Resp: 552465

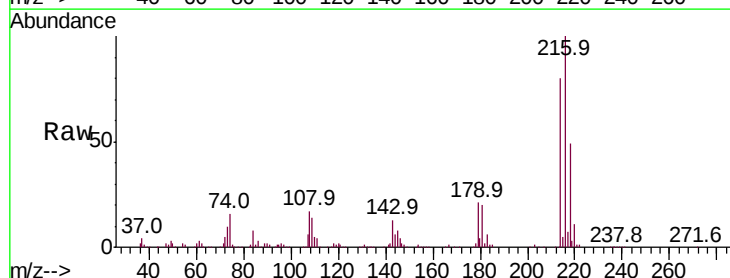
Ion Ratio Lower Upper

216 100

214 79.8 64.0 96.0

179 21.0 16.9 25.3

108 17.9 14.2 21.2

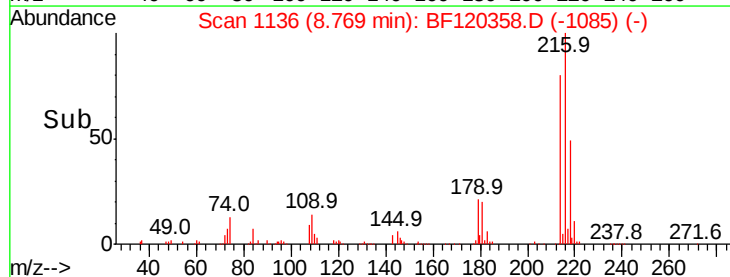
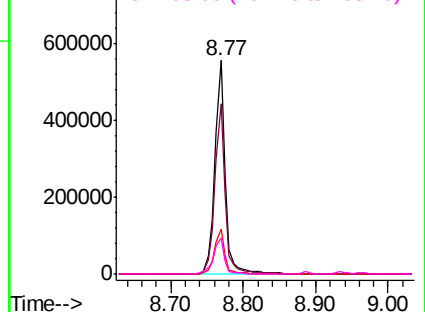


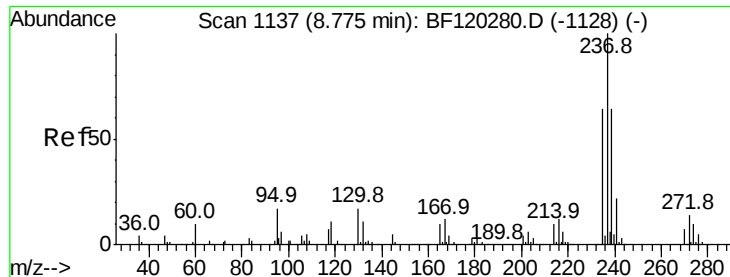
Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.958 ng

RT: 8.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

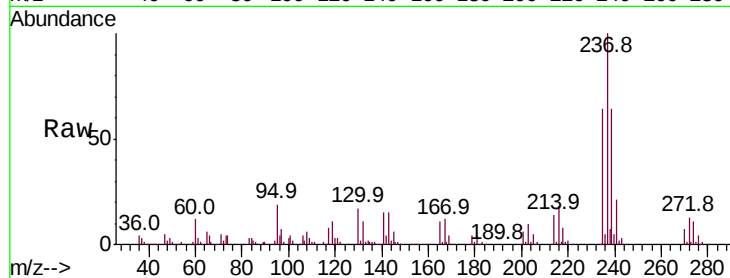
Tot Ion:237 Resp: 212650

Ion Ratio Lower Upper

237 100

235 63.8 43.8 83.8

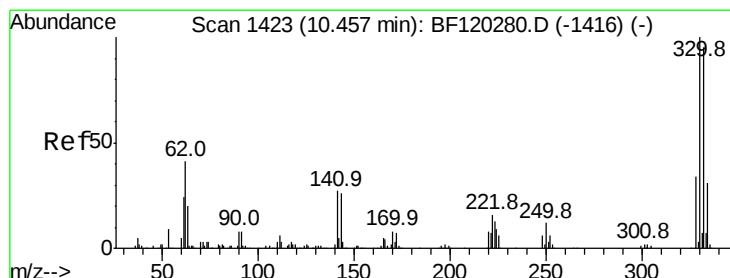
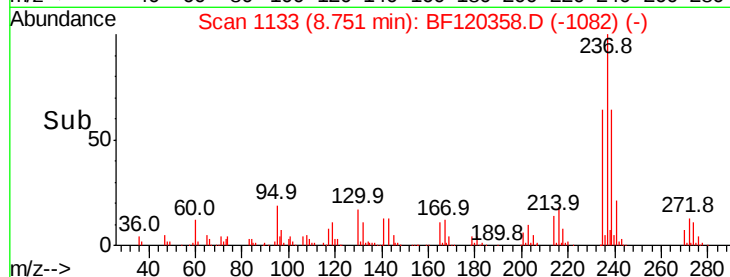
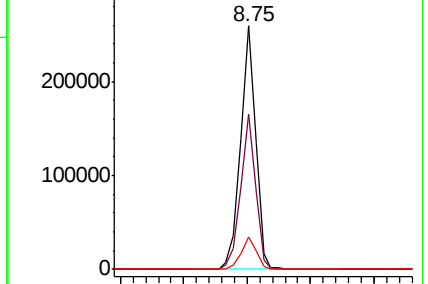
272 13.5 0.0 33.9



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: 85.859 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

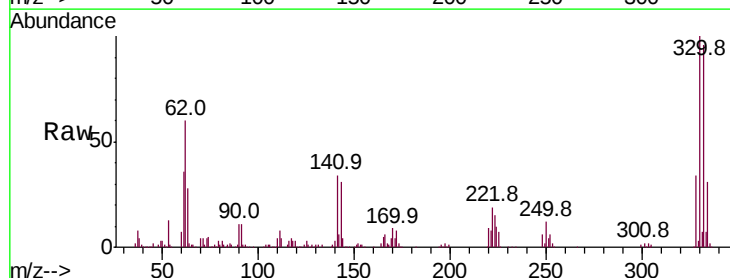
Tgt Ion:330 Resp: 371527

Ion Ratio Lower Upper

330 100

332 94.5 76.5 114.7

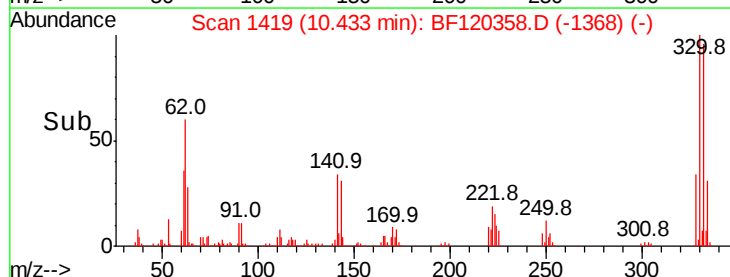
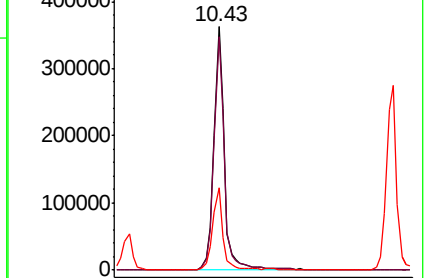
141 32.8 25.4 38.0

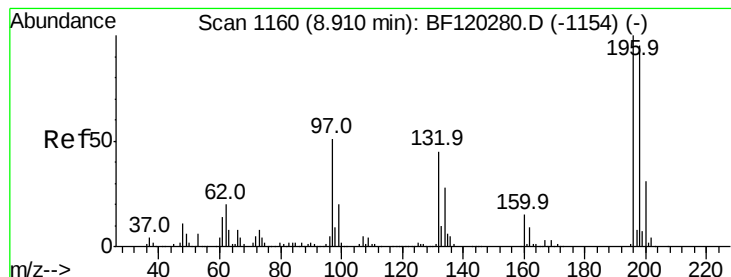


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 42.366 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

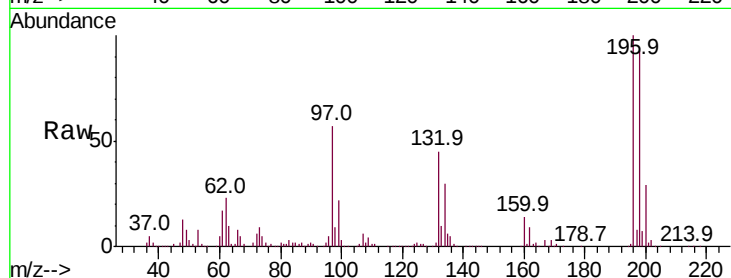
Tot Ion:196 Resp: 380567

Ion Ratio Lower Upper

196 100

198 93.4 76.2 114.4

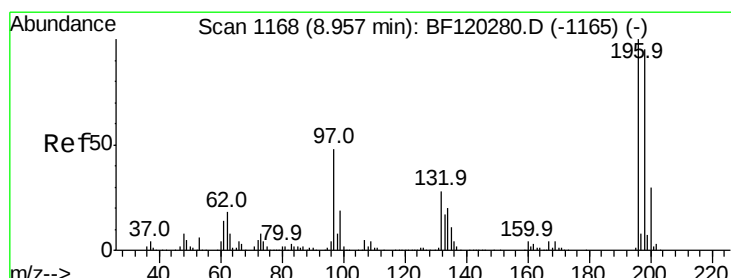
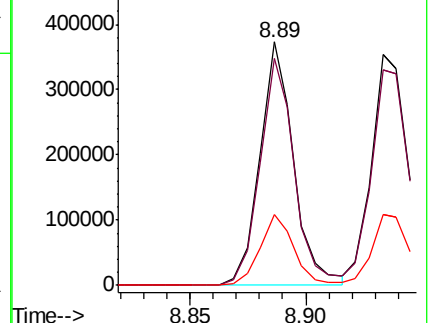
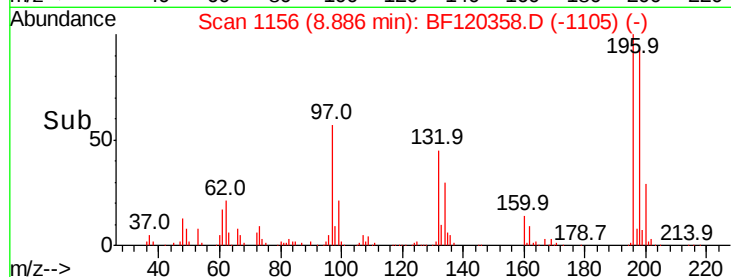
200 29.3 24.9 37.3



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: 41.472 ng

RT: 8.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Tgt Ion:196 Resp: 427823

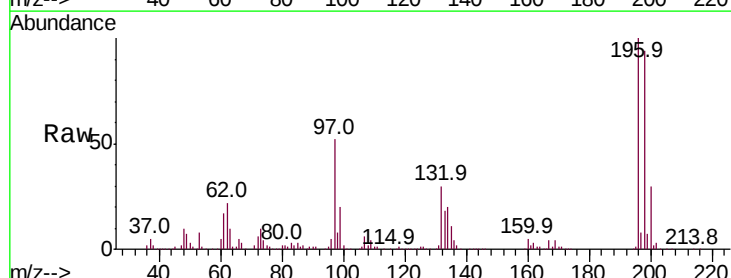
Ion Ratio Lower Upper

196 100

198 93.5 76.2 114.4

97 52.5 38.6 57.8

132 30.1 23.2 34.8

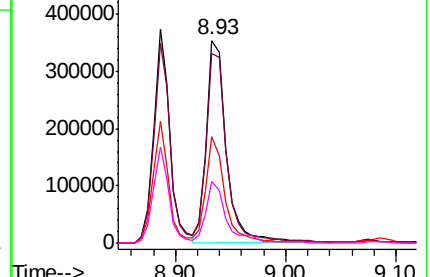
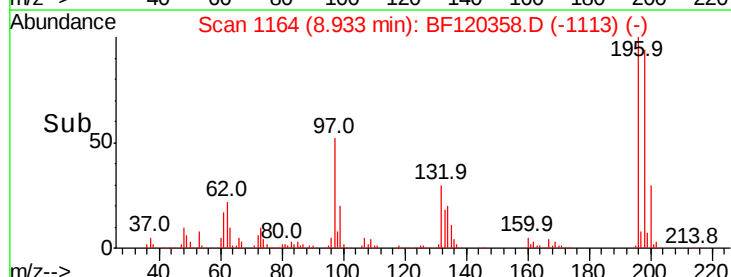


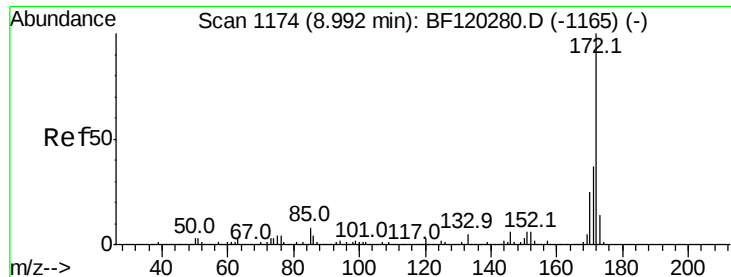
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 93.254 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

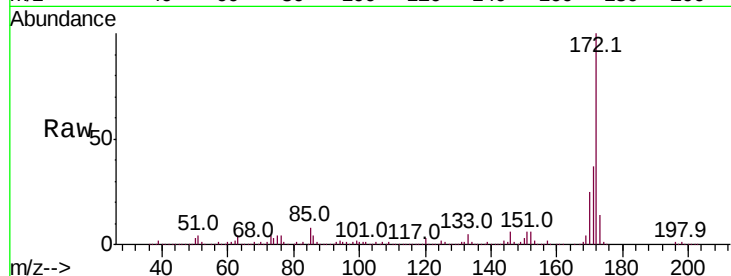
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:172 Resp: 2408982

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.5	19.9	29.9

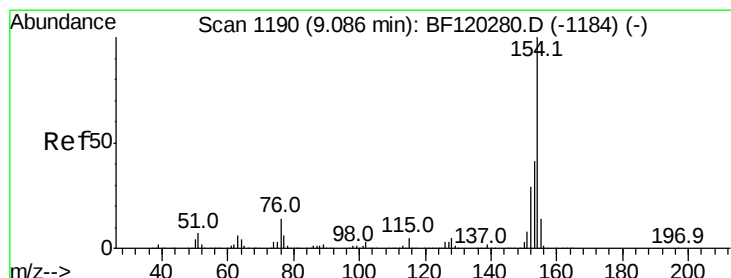
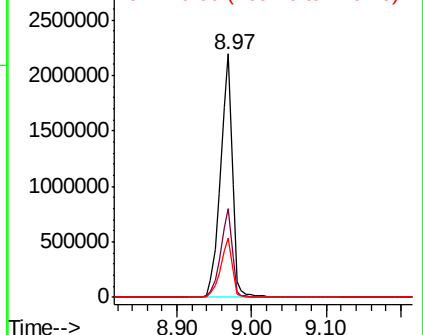
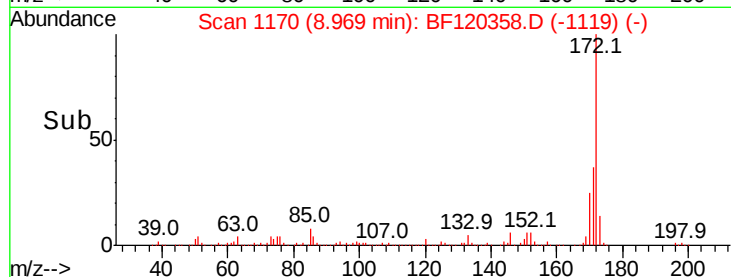


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.984 ng

RT: 9.07 min Scan# 1187

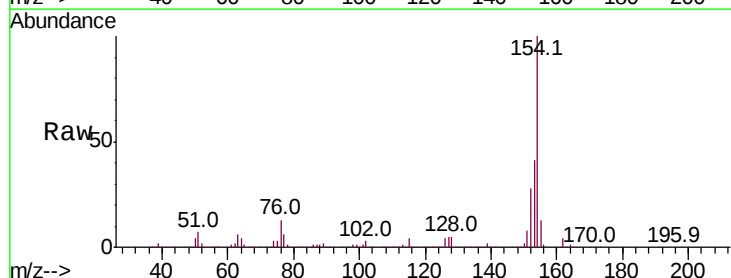
Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Tgt Ion:154 Resp: 1459917

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.8	60.8
76	13.0	0.0	34.3

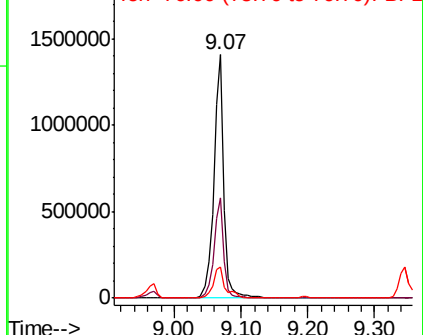
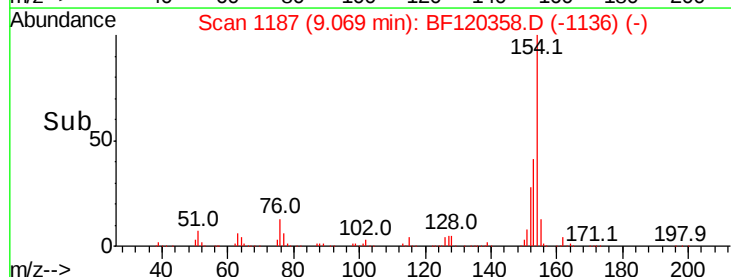


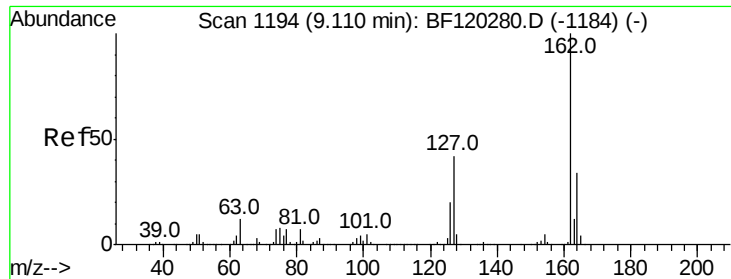
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



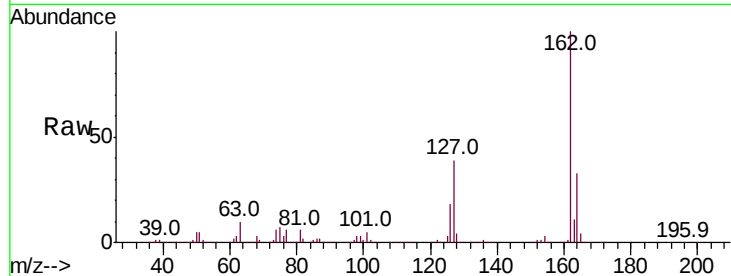


#47
 2-Chloronaphthalene
 Concen: 41.819 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

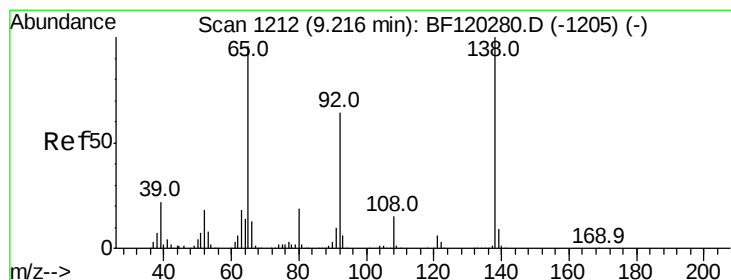
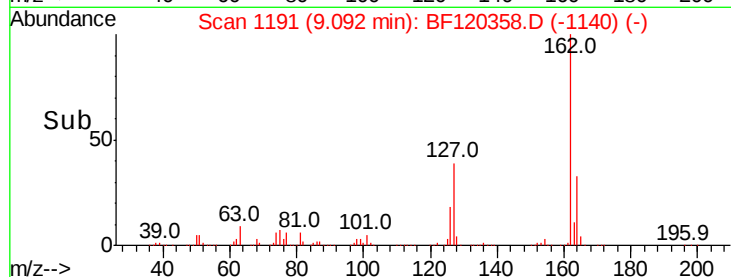
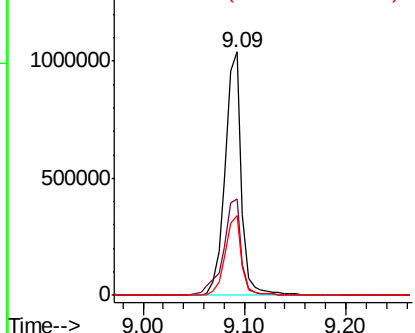
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 1166474

Ion	Ratio	Lower	Upper
162	100		
127	39.4	33.4	50.0
164	32.9	27.0	40.6



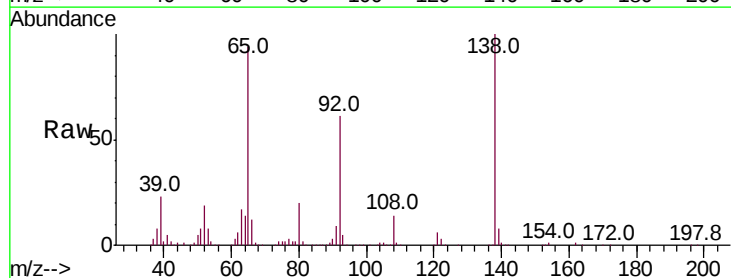
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



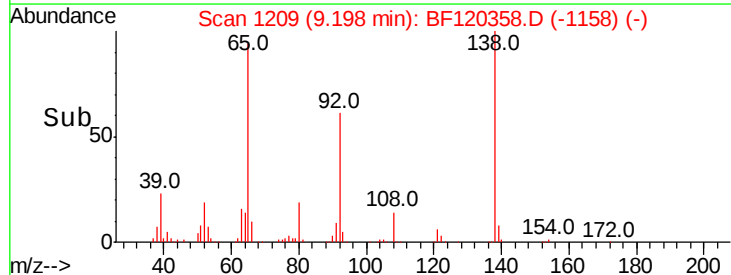
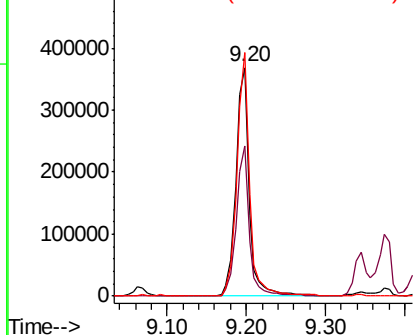
#48
 2-Nitroaniline
 Concen: 42.354 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

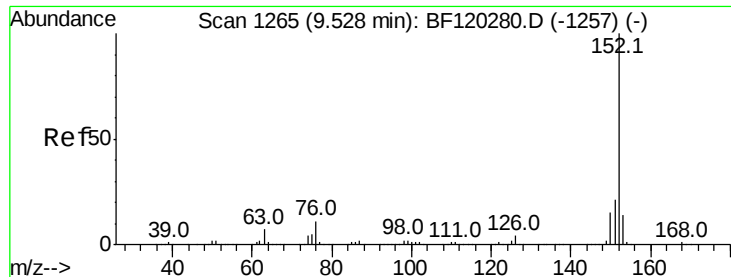
Tgt Ion: 65 Resp: 431051

Ion	Ratio	Lower	Upper
65	100		
92	65.4	52.9	79.3
138	106.5	83.0	124.4



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





#49

Acenaphthylene

Concen: 41.992 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

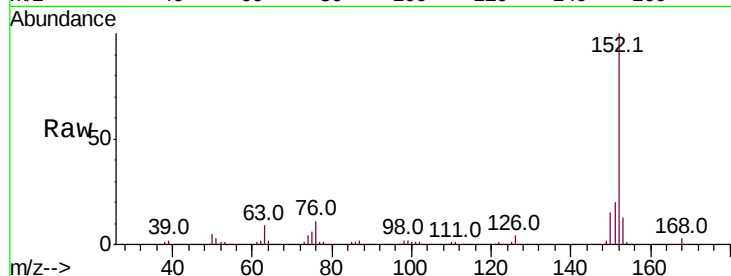
Tot Ion:152 Resp: 1789190

Ion Ratio Lower Upper

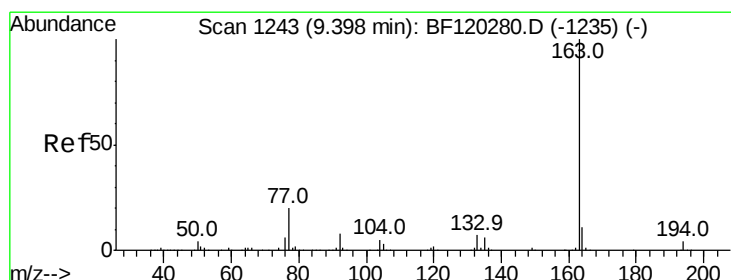
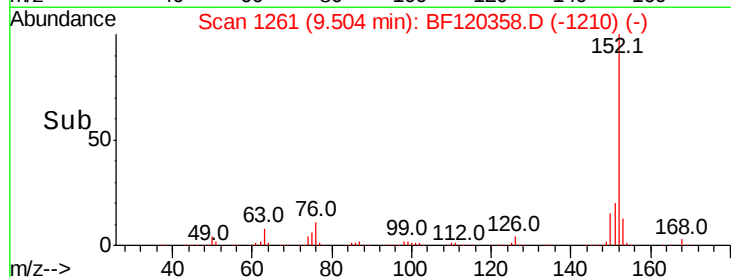
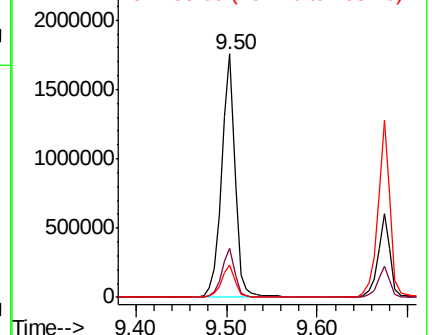
152 100

151 20.3 16.6 25.0

153 13.3 11.1 16.7



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: 40.460 ng

RT: 9.37 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

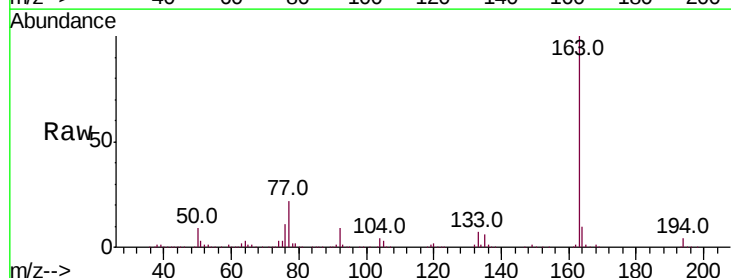
Tgt Ion:163 Resp: 1357387

Ion Ratio Lower Upper

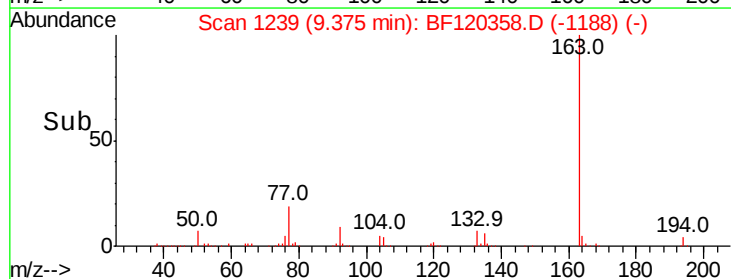
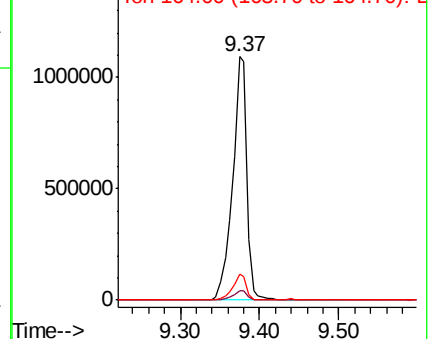
163 100

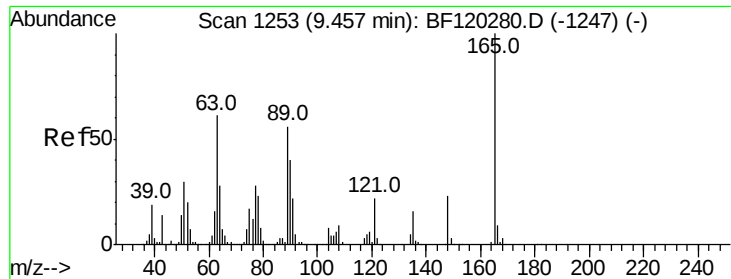
194 3.9 3.1 4.7

164 10.5 8.6 12.8



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

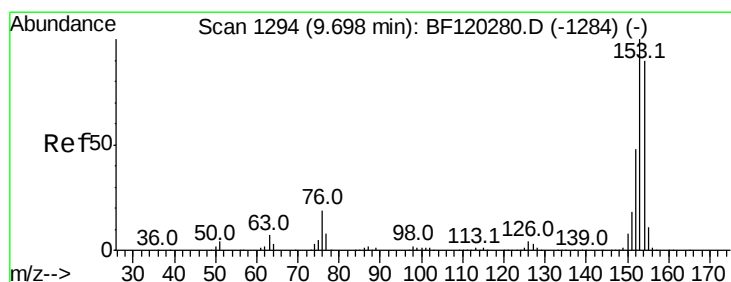
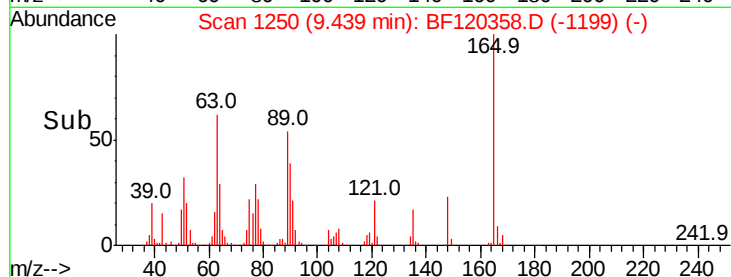
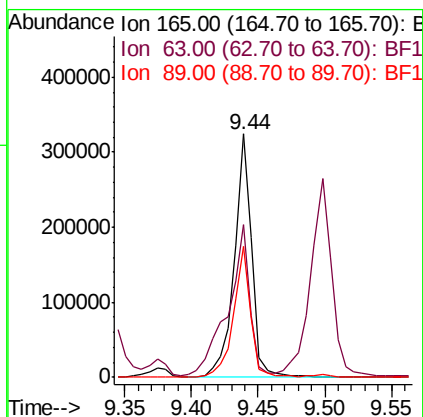
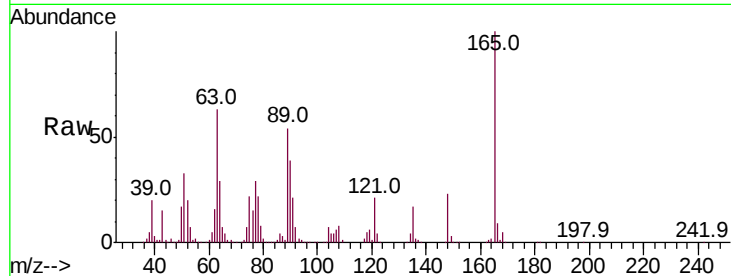




#51
 2,6-Dinitrotoluene
 Concen: 40.114 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

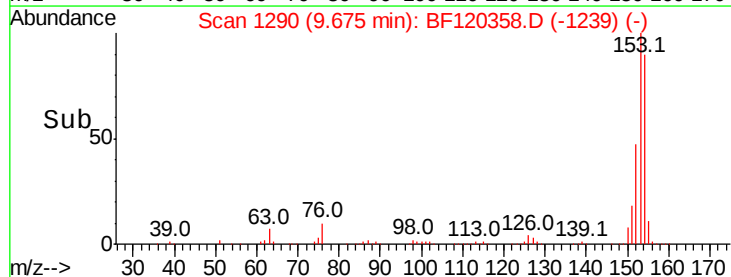
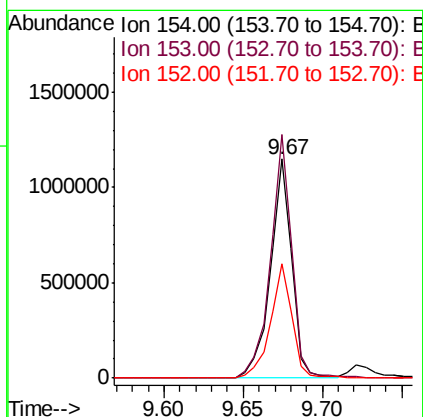
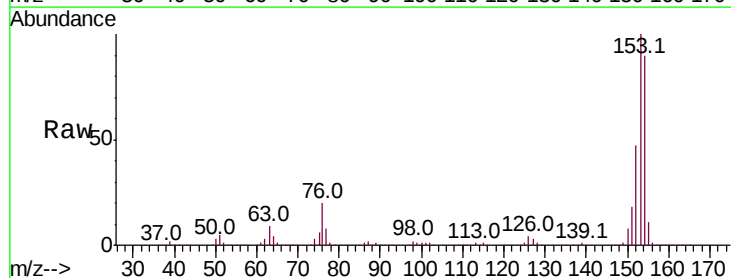
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

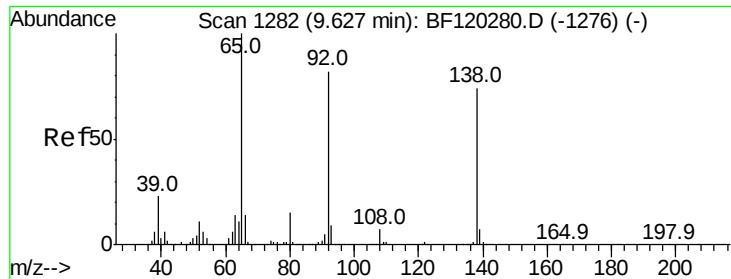
Tot Ion:165 Resp: 300363
 Ion Ratio Lower Upper
 165 100
 63 62.7 50.2 75.2
 89 53.8 44.6 66.8



#52
 Acenaphthene
 Concen: 42.679 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

Tgt Ion:154 Resp: 1090016
 Ion Ratio Lower Upper
 154 100
 153 111.1 89.0 133.4
 152 52.1 42.6 64.0

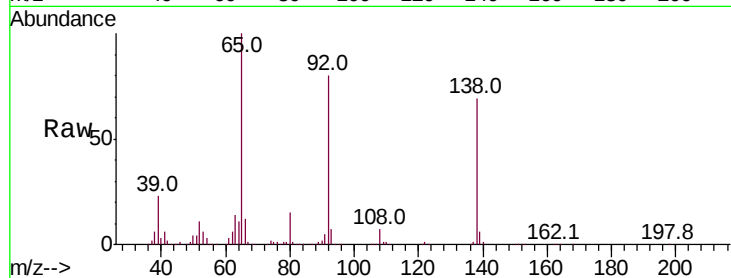




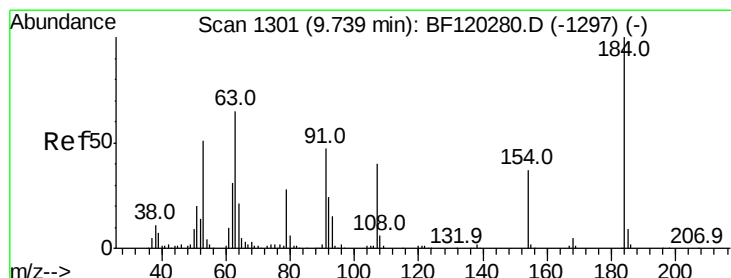
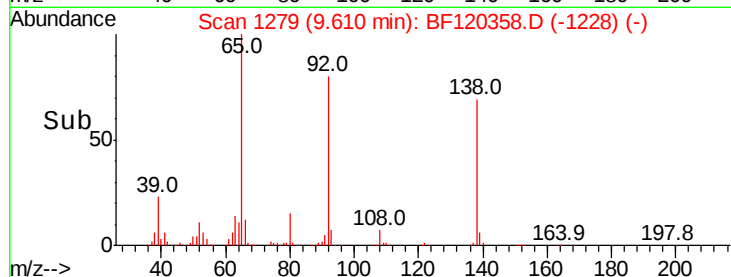
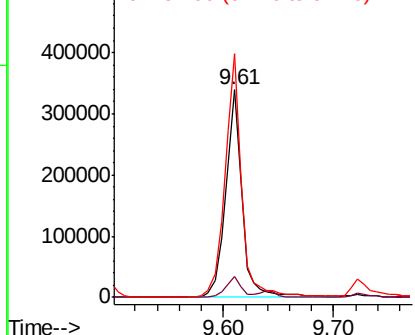
#53
3-Nitroaniline
Concen: 40.150 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 358512
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.2
92 117.2 89.6 134.4

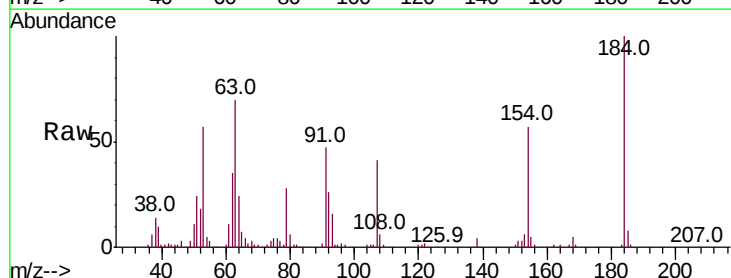


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

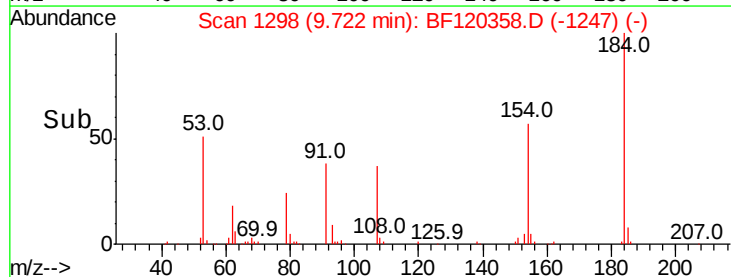
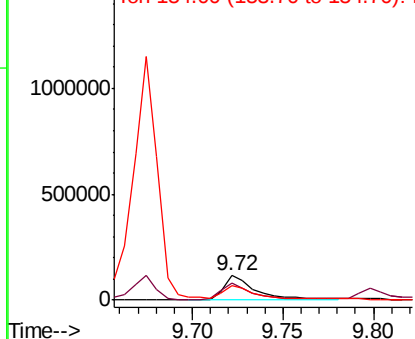


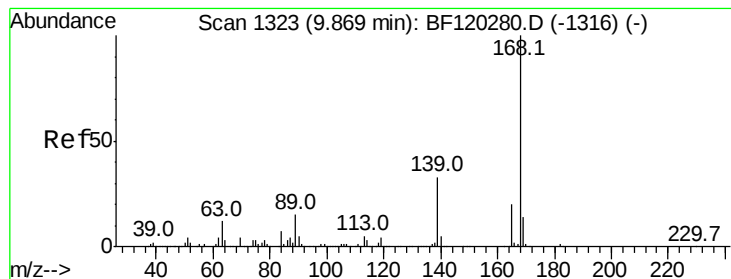
#54
2,4-Dinitrophenol
Concen: 41.768 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

Tgt Ion:184 Resp: 147630
Ion Ratio Lower Upper
184 100
63 70.3 53.6 80.4
154 57.4 46.8 70.2



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: 42.691 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

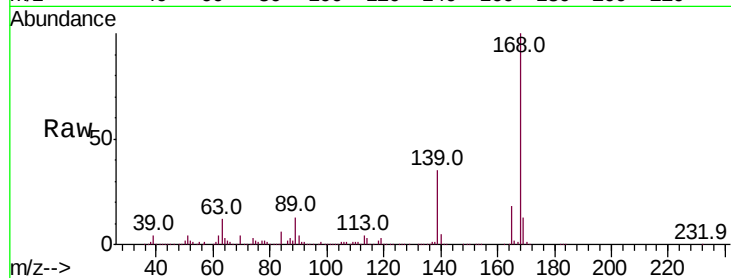
Tot Ion:168 Resp: 1570126

Ion Ratio Lower Upper

168 100

139 34.7 29.8 44.6

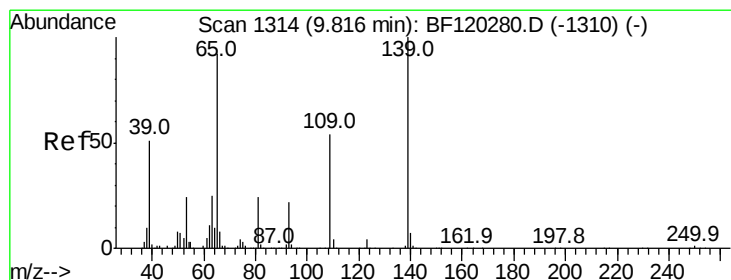
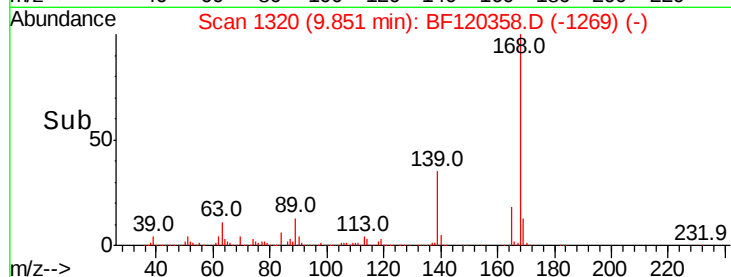
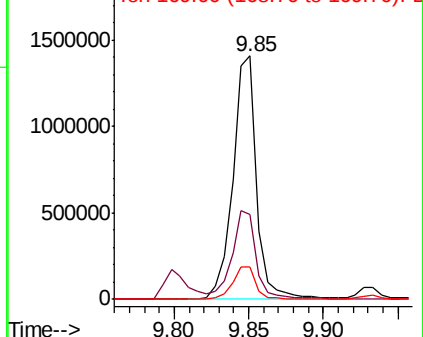
169 13.3 11.0 16.6



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: 40.425 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

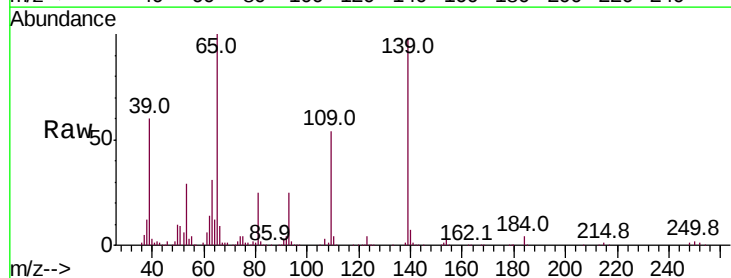
Tgt Ion:139 Resp: 193955

Ion Ratio Lower Upper

139 100

109 54.8 34.6 74.6

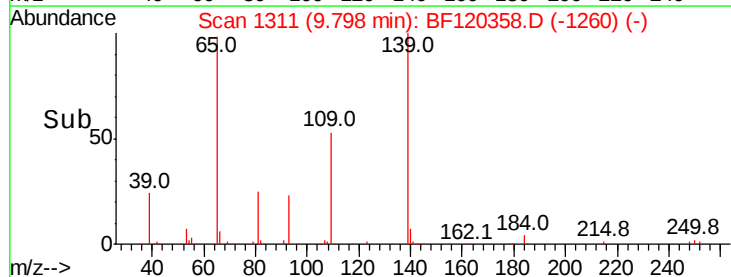
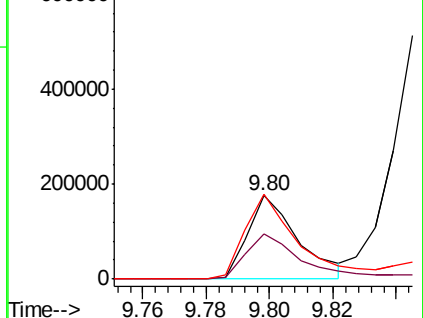
65 102.3 73.3 113.3

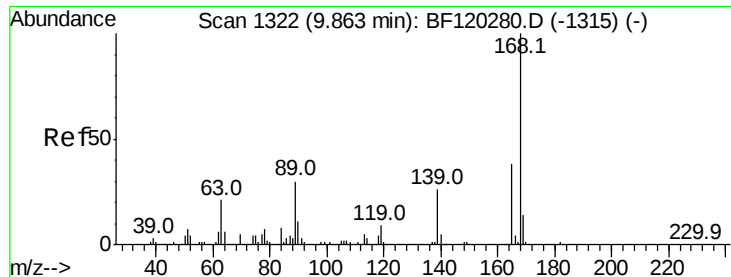


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

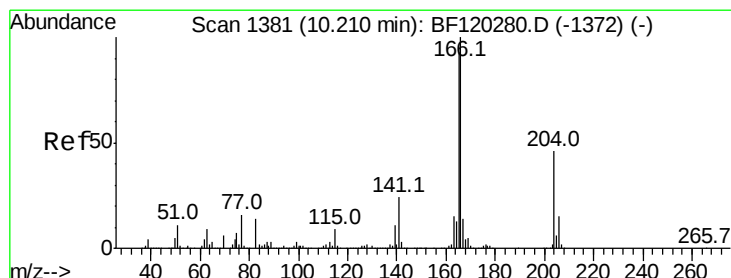
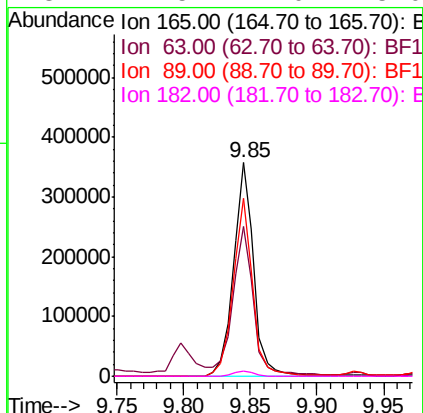
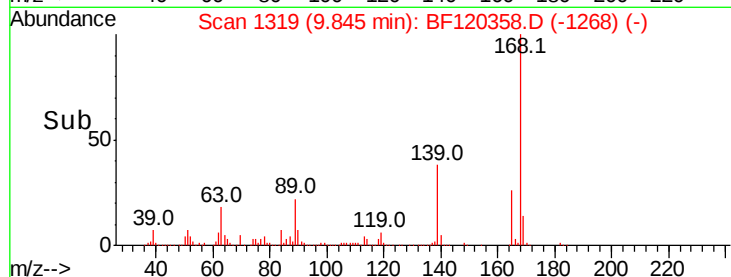
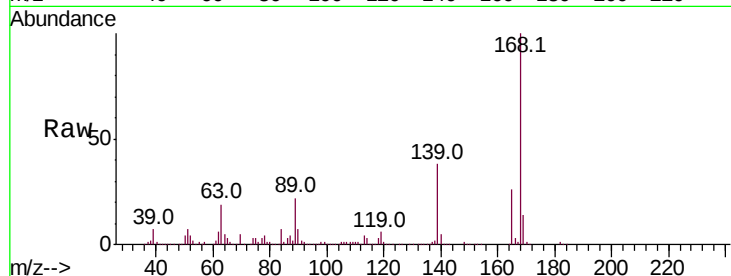




#57
 2,4-Dinitrotoluene
 Concen: 43.268 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

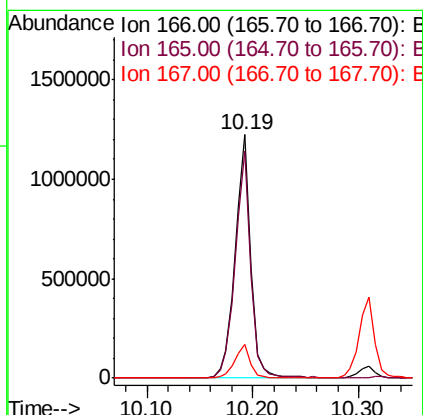
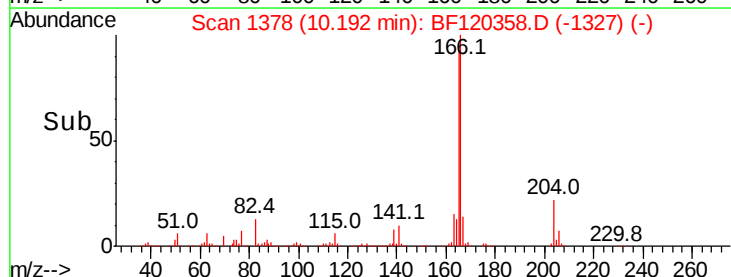
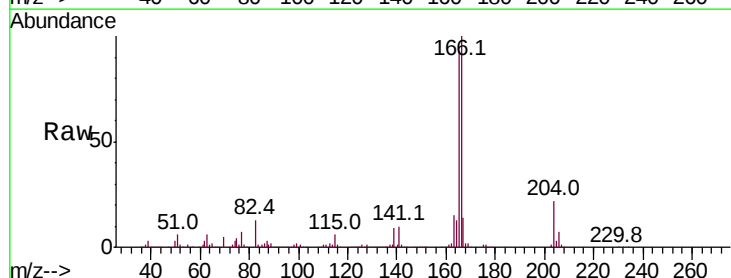
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

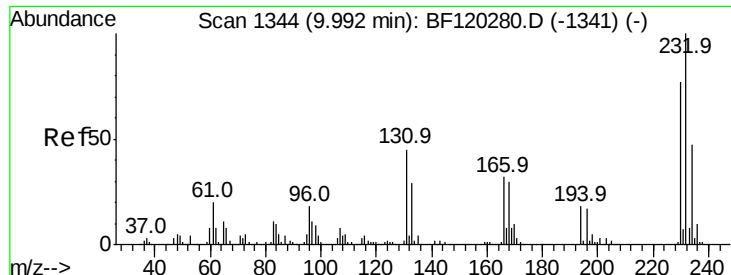
Tot Ion:	165	Resp:	380047
Ion	Ratio	Lower	Upper
165	100		
63	70.2	51.8	77.8
89	83.1	64.2	96.4
182	2.5	2.0	3.0



#58
 Fluorene
 Concen: 44.026 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

Tgt Ion:	166	Resp:	1233156
Ion	Ratio	Lower	Upper
166	100		
165	93.0	74.7	112.1
167	13.9	11.4	17.0

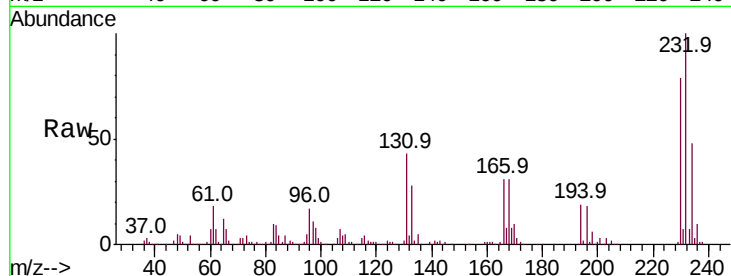




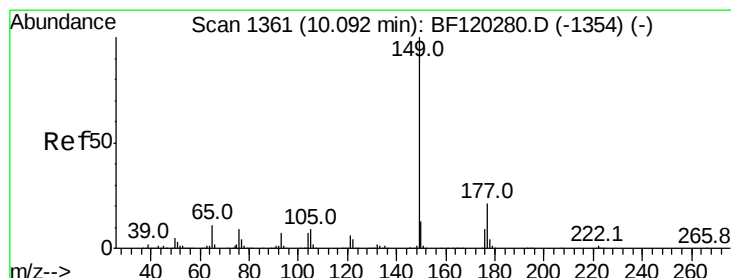
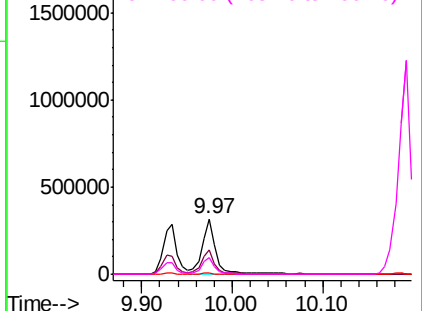
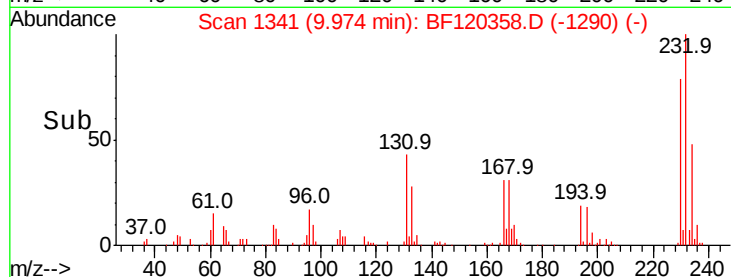
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.731 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	331739
Ion	Ratio	Lower	Upper
232	100		
131	41.8	34.1	51.1
130	2.0	1.7	2.5
166	29.2	23.3	34.9

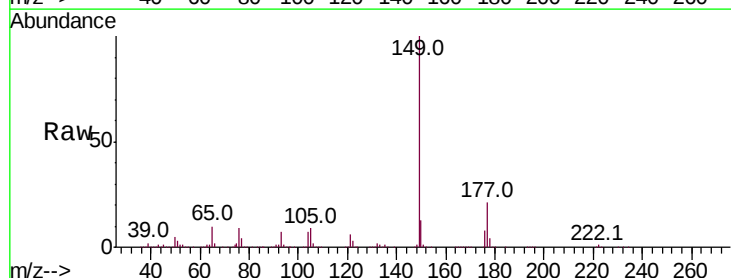


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

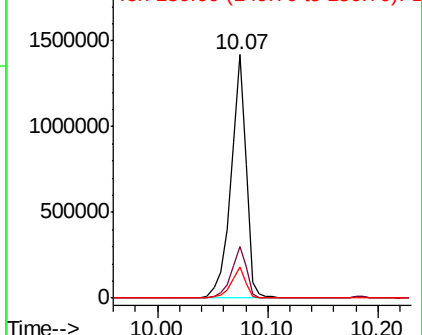
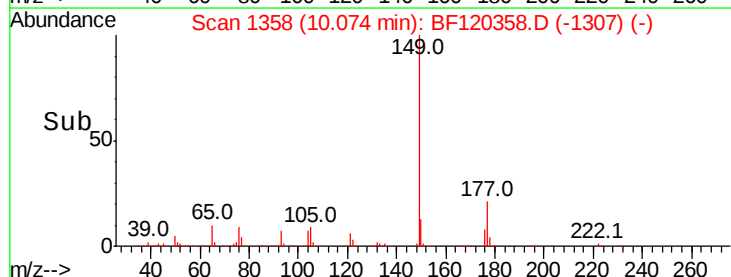


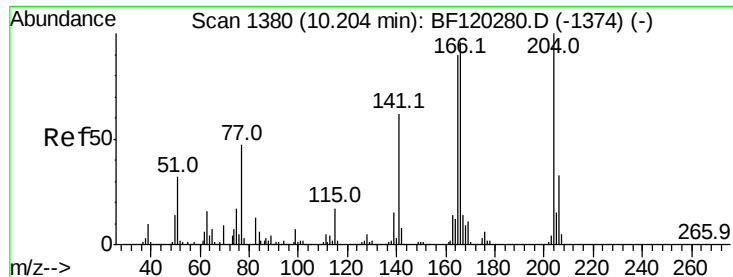
#60
 Diethylphthalate
 Concen: 42.508 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

Tgt Ion:	149	Resp:	1376809
Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.1	25.7
150	12.7	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

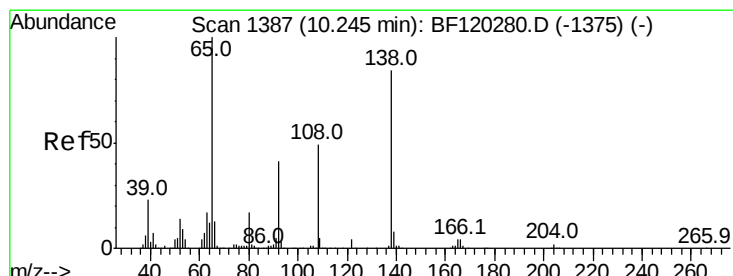
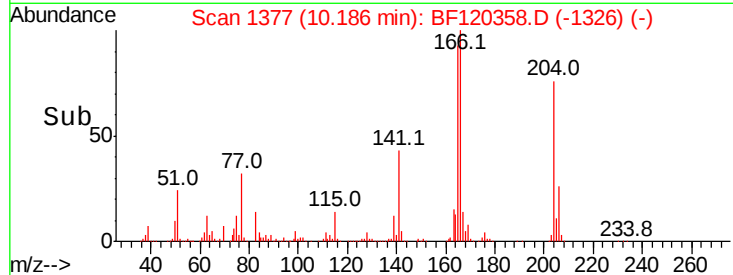
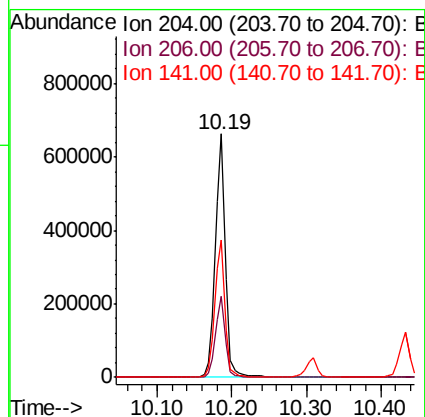
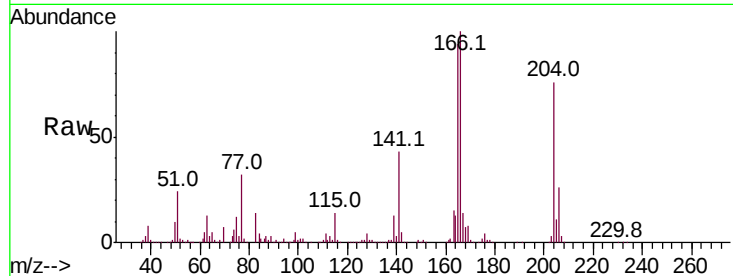




#61
 4-Chlorophenyl-phenylether
 Concen: 41.965 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

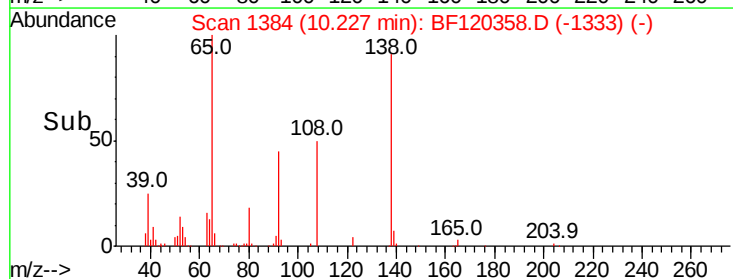
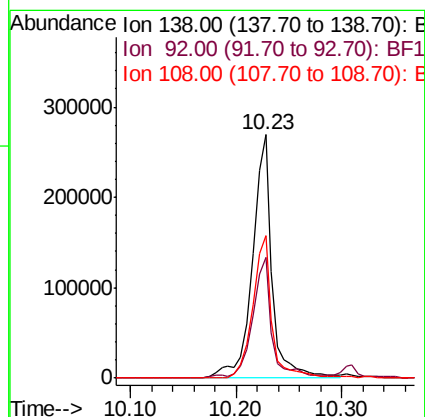
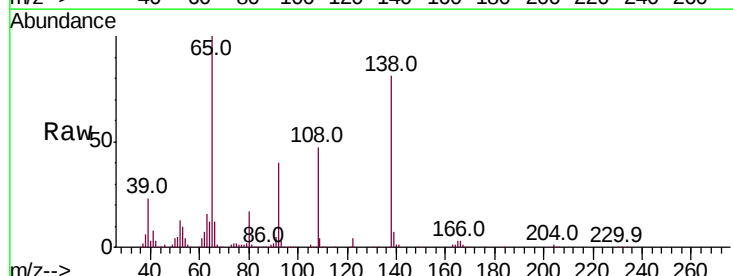
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

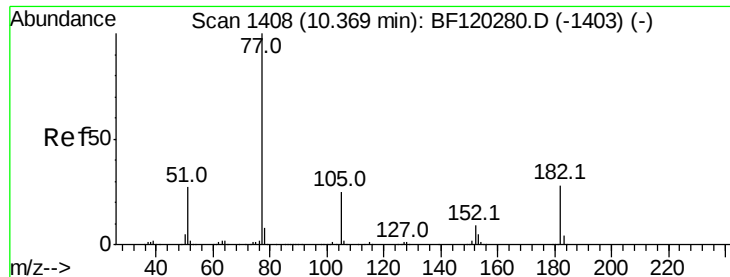
Tot Ion:	204	Resp:	611136
Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.8	40.2
141	56.4	49.5	74.3



#62
 4-Nitroaniline
 Concen: 42.514 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

Tgt Ion:	138	Resp:	353497
Ion	Ratio	Lower	Upper
138	100		
92	49.6	28.9	68.9
108	58.4	38.4	78.4





#63

Azobenzene

Concen: 42.546 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1302384

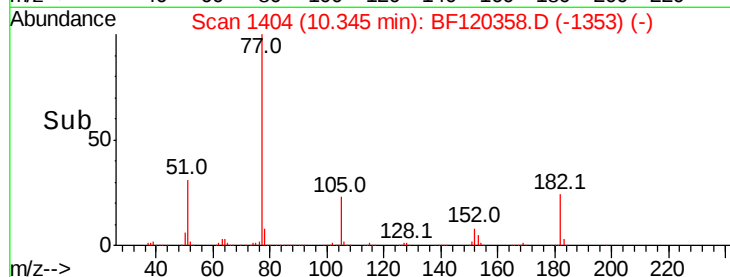
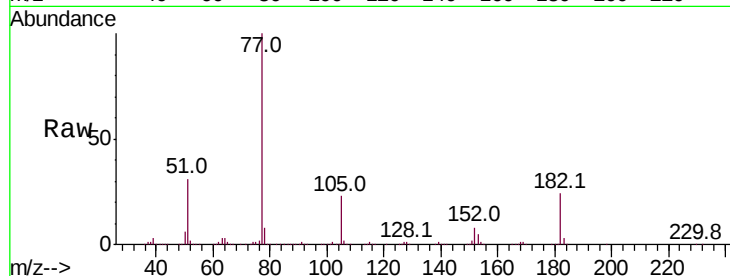
Ion Ratio Lower Upper

77 100

182 23.6 7.4 47.4

105 22.9 4.4 44.4

51 31.1 8.3 48.3

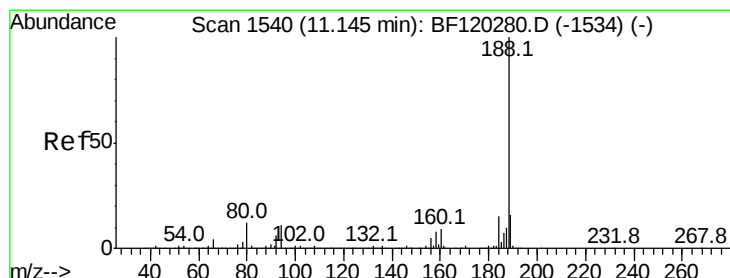
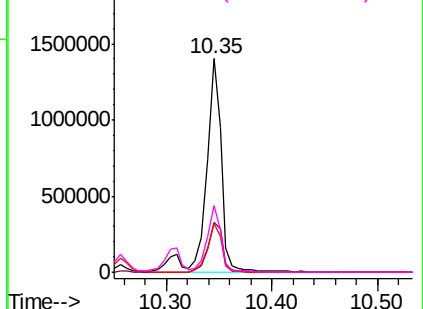


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.13 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

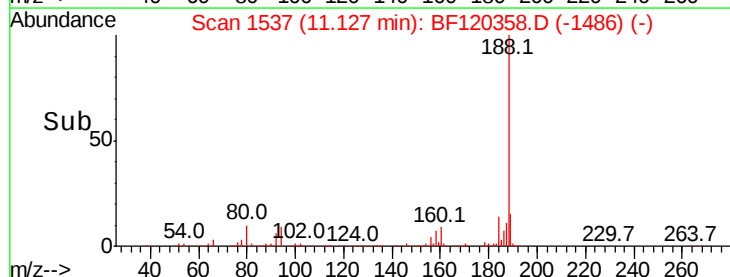
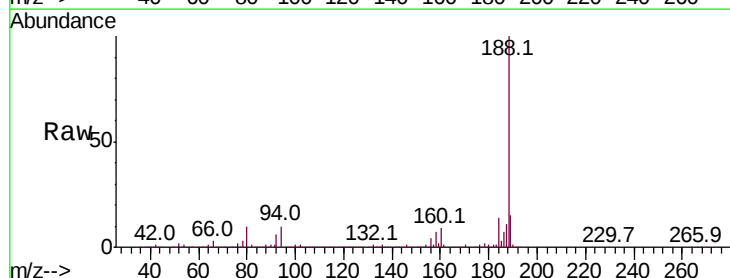
Tgt Ion: 188 Resp: 956605

Ion Ratio Lower Upper

188 100

94 10.0 8.6 13.0

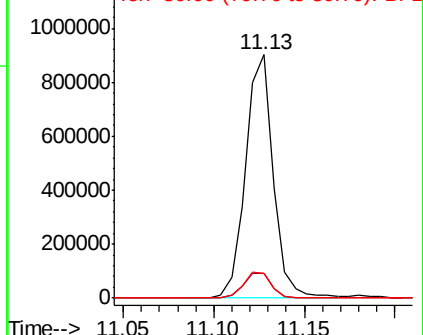
80 10.0 9.2 13.8

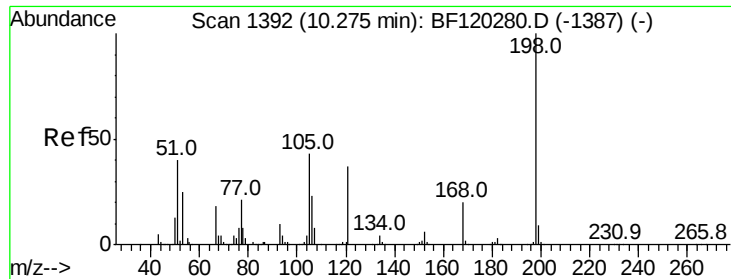


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

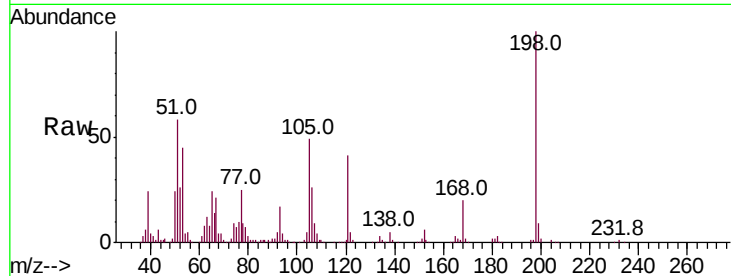




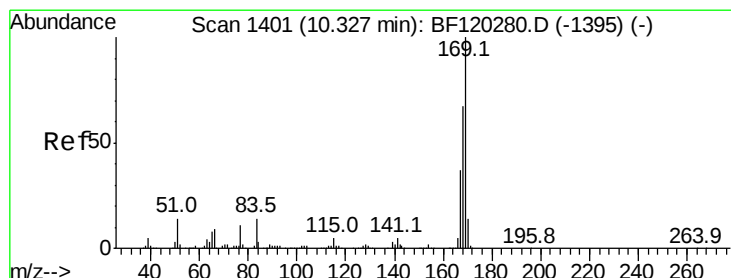
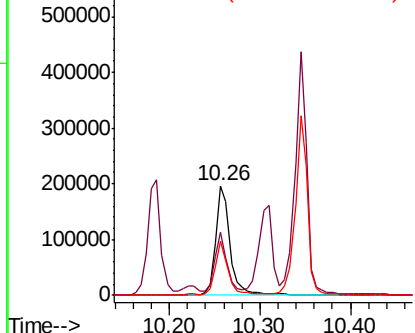
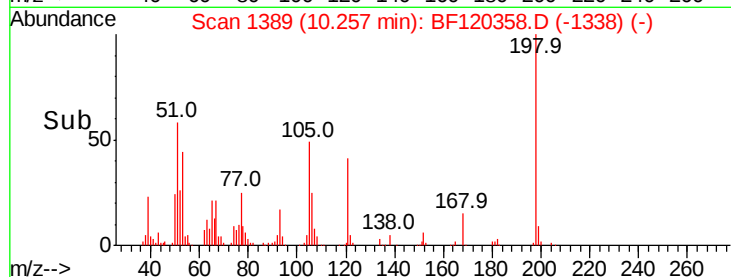
#65
4,6-Dinitro-2-methylphenol
Concen: 45.174 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 218544
Ion Ratio Lower Upper
198 100
51 57.8 27.1 67.1
105 48.9 24.3 64.3

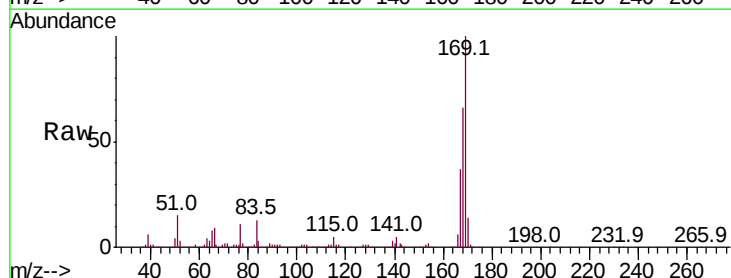


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

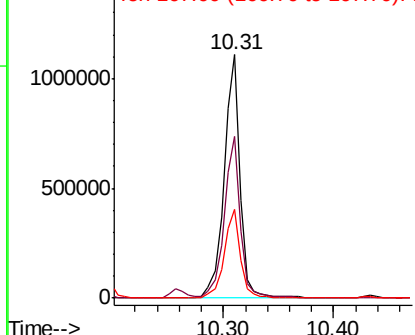
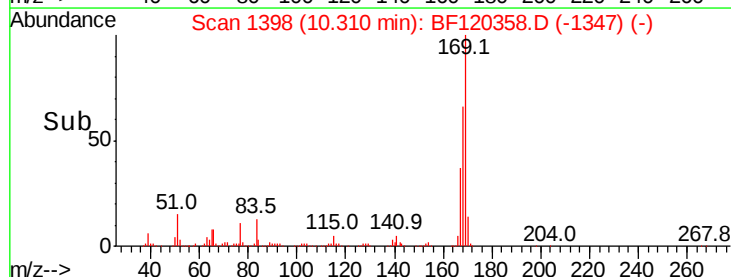


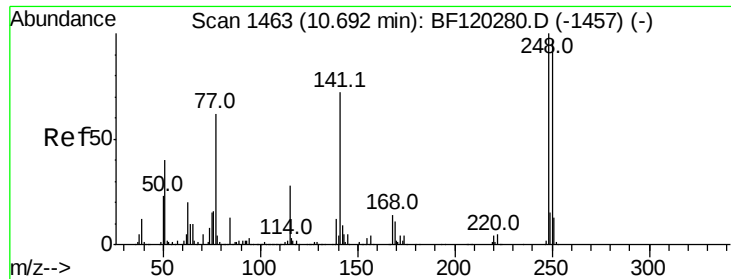
#66
n-Nitrosodiphenylamine
Concen: 42.046 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

Tgt Ion:169 Resp: 1112753
Ion Ratio Lower Upper
169 100
168 66.5 53.7 80.5
167 36.6 29.8 44.6



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

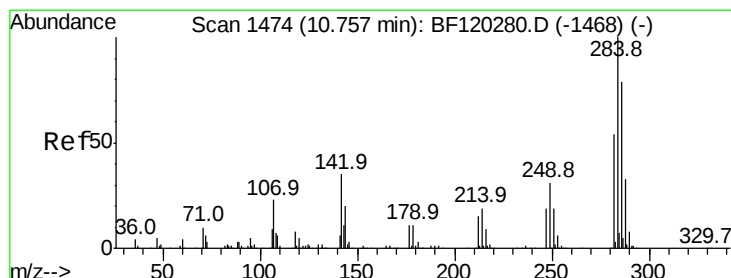
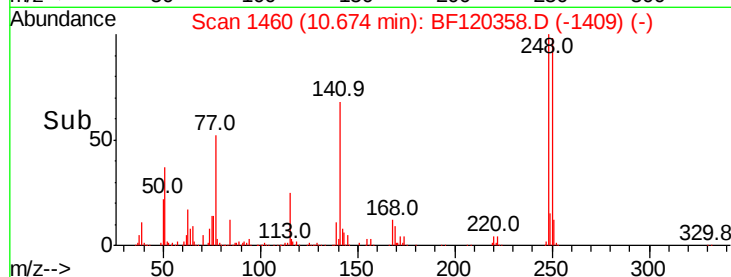
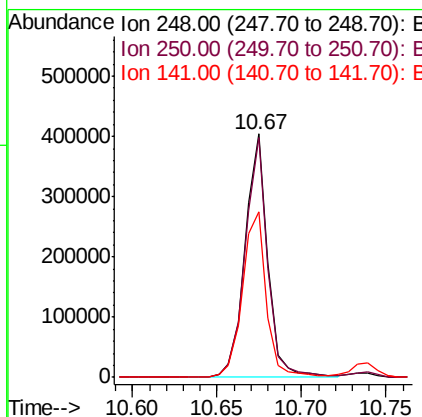
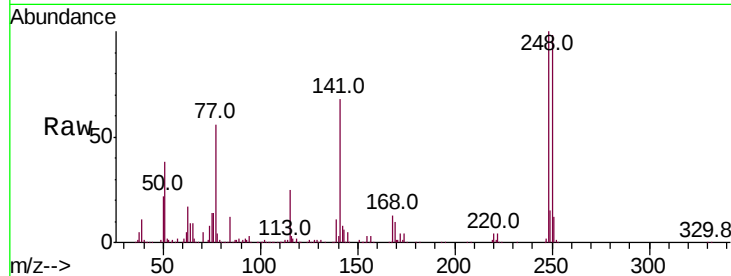




#67
4-Bromophenyl-phenylether
Concen: 40.955 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

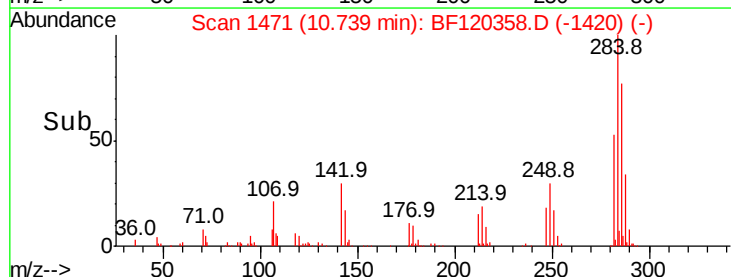
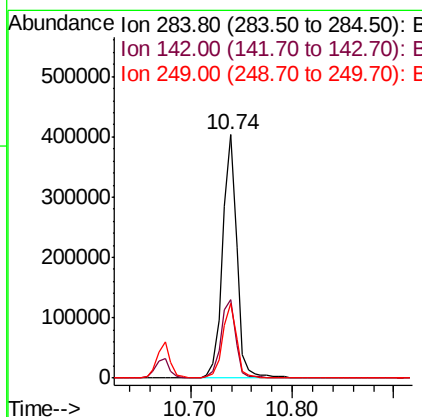
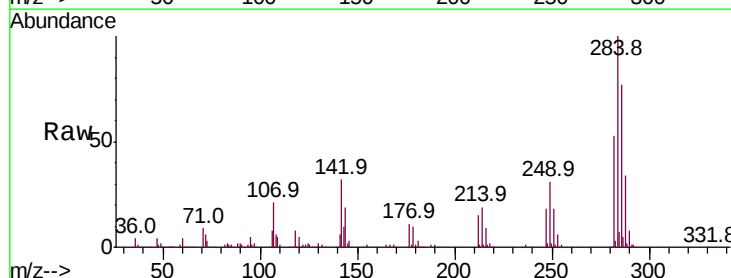
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

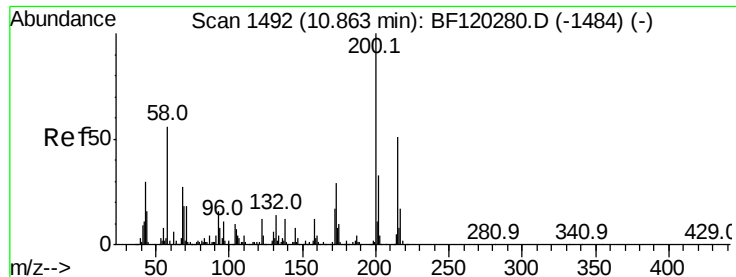
Tot Ion:248 Resp: 380176
Ion Ratio Lower Upper
248 100
250 98.3 77.8 116.6
141 68.1 57.7 86.5



#68
Hexachlorobenzene
Concen: 40.626 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

Tgt Ion:284 Resp: 394531
Ion Ratio Lower Upper
284 100
142 32.5 28.5 42.7
249 30.9 24.8 37.2





#69

Atrazine

Concen: 39.789 ng

RT: 10.85 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

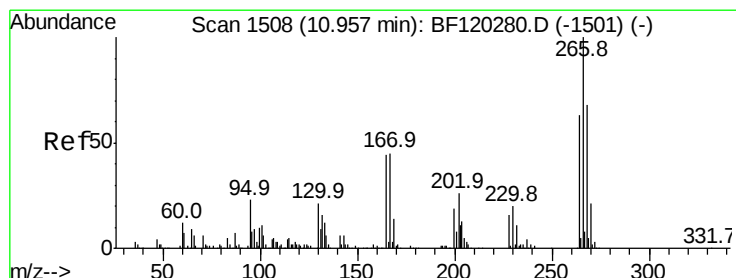
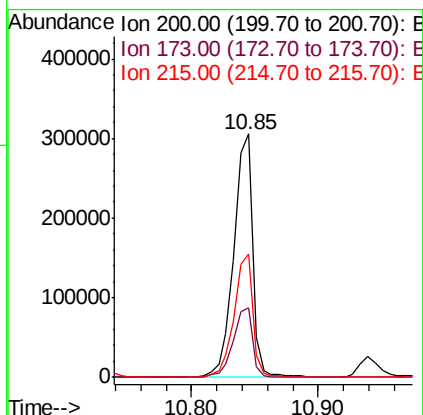
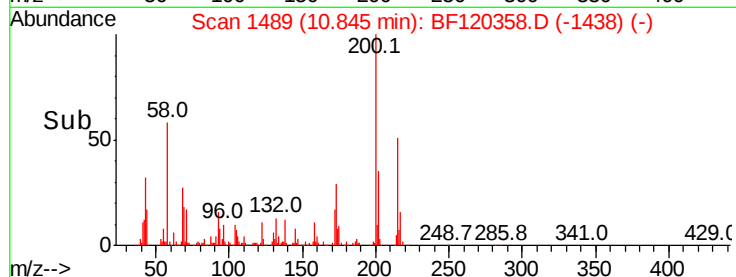
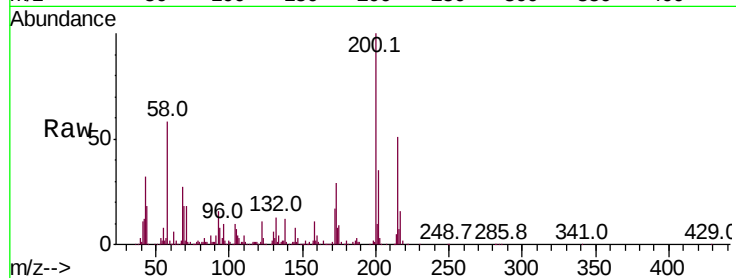
Tot Ion:200 Resp: 315091

Ion Ratio Lower Upper

200 100

173 28.5 8.7 48.7

215 50.5 30.6 70.6



#70

Pentachlorophenol

Concen: 41.136 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

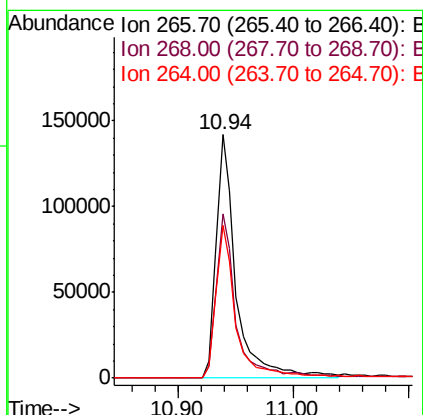
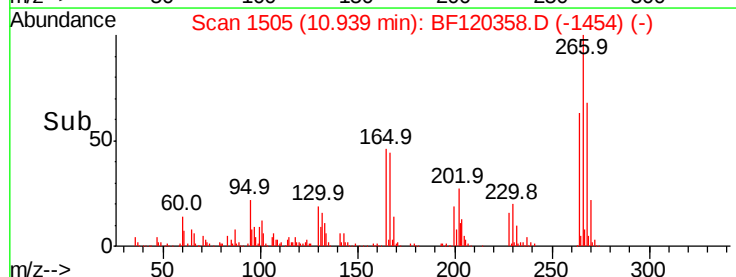
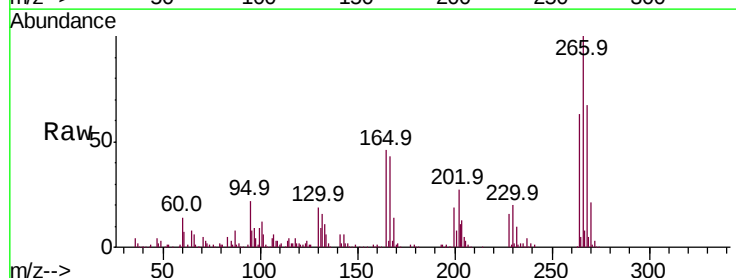
Tgt Ion:266 Resp: 169905

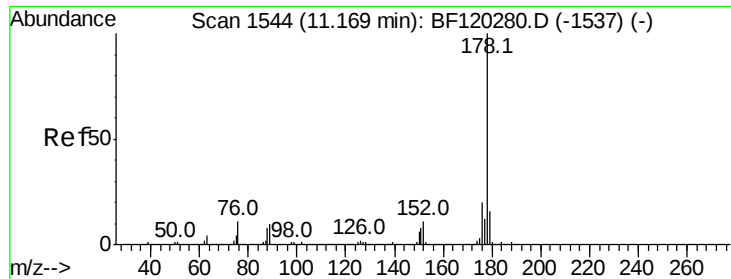
Ion Ratio Lower Upper

266 100

268 67.4 54.2 81.4

264 62.5 50.2 75.4





#71

Phenanthrene

Concen: 43.090 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

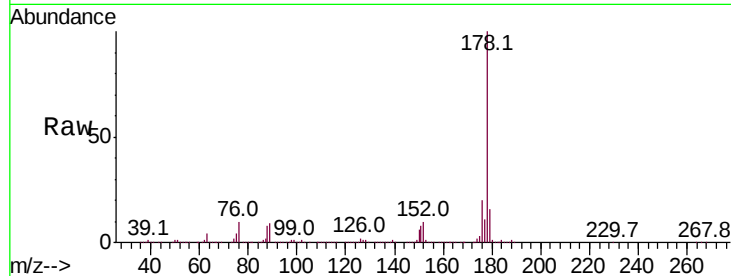
Tot Ion:178 Resp: 1732087

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

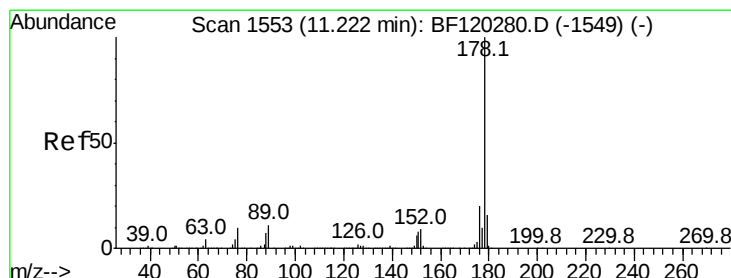
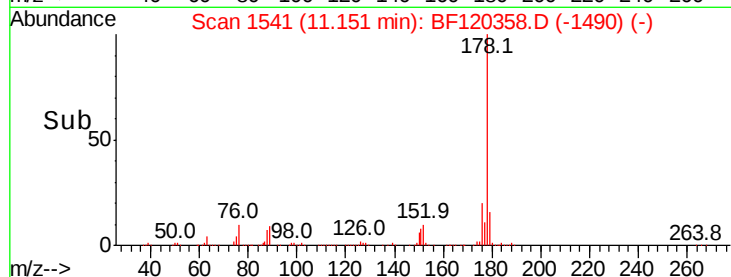
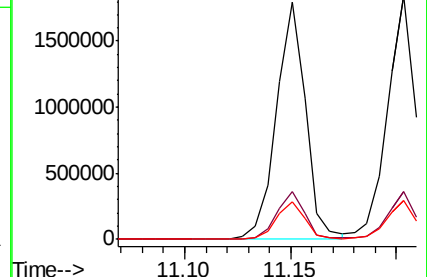
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.569 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

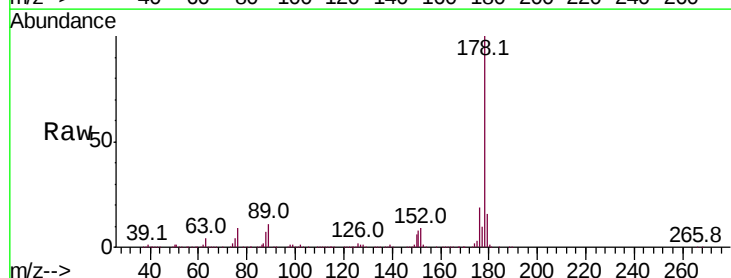
Tgt Ion:178 Resp: 1831832

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

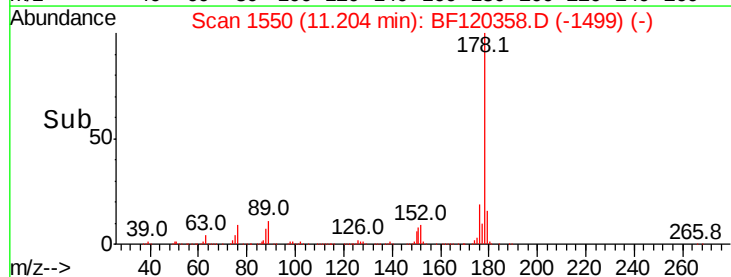
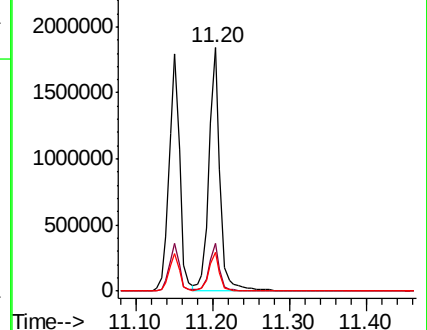
179 15.8 13.0 19.6

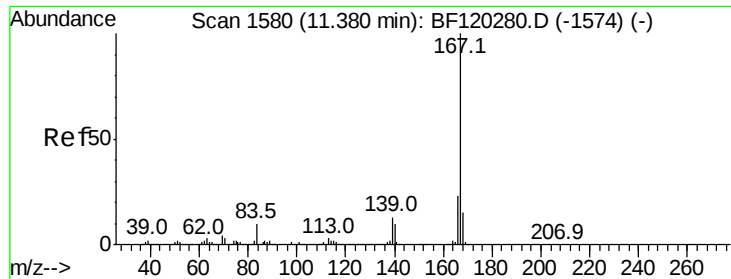


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



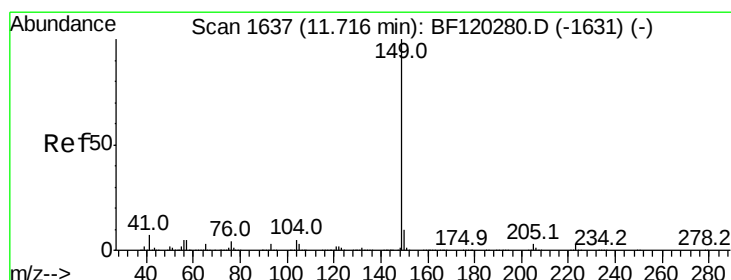
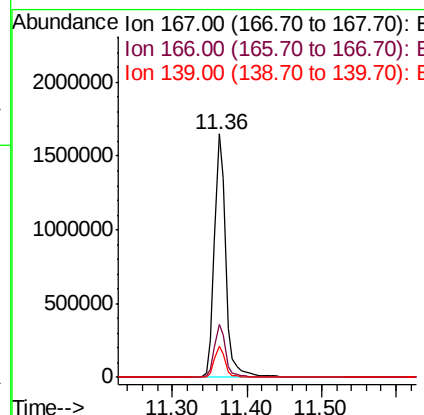
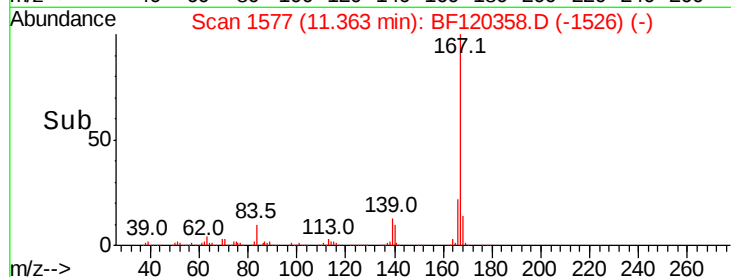
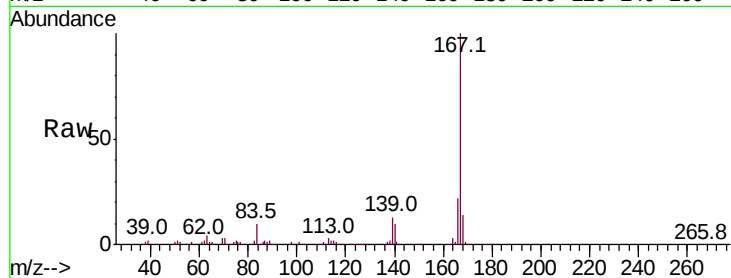


#73
 Carbazole
 Concen: 43.629 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1754206

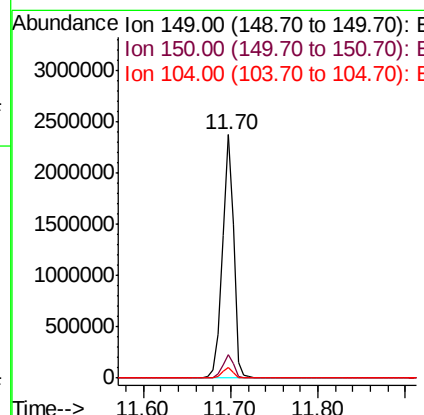
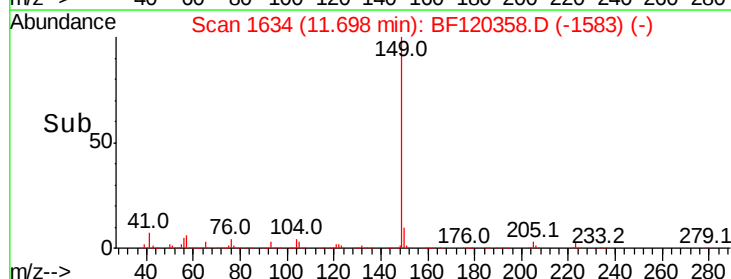
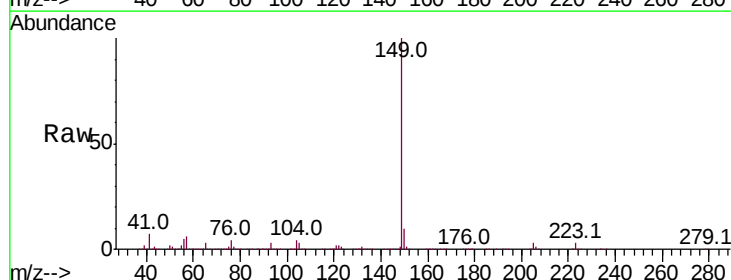
Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	12.7	10.6	15.8

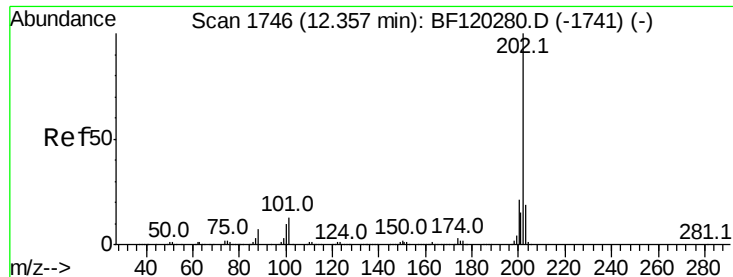


#74
 Di-n-butylphthalate
 Concen: 44.013 ng
 RT: 11.70 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

Tgt Ion:149 Resp: 2132728

Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.4
104	4.5	3.8	5.8





#75

Fluoranthene

Concen: 44.707 ng

RT: 12.34 min Scan# 1743

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

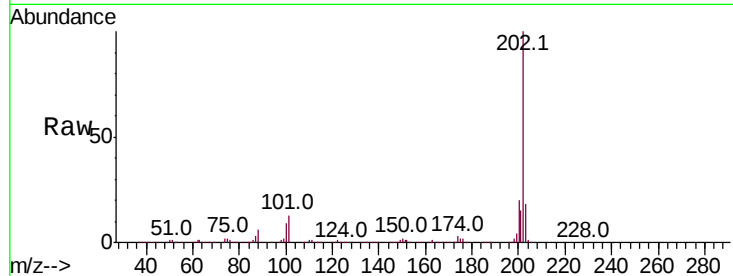
Tot Ion:202 Resp: 1926174

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

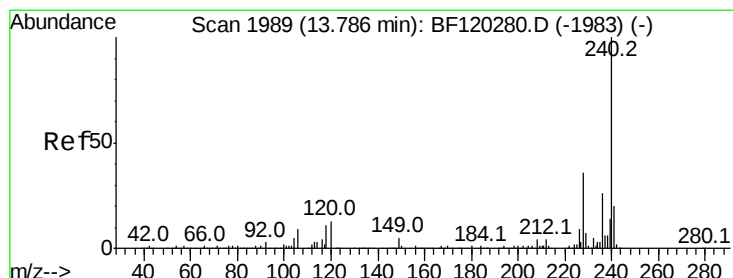
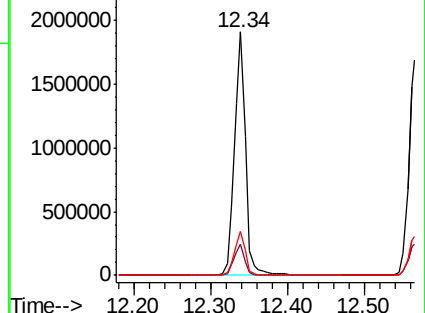
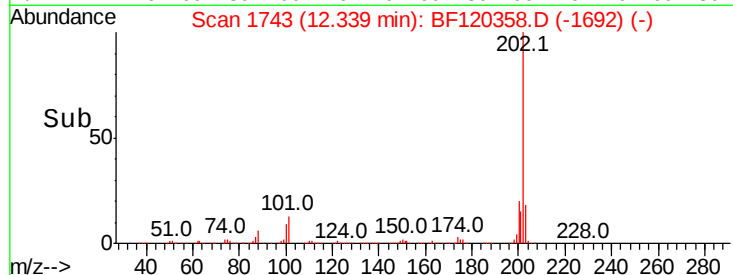
203 18.2 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

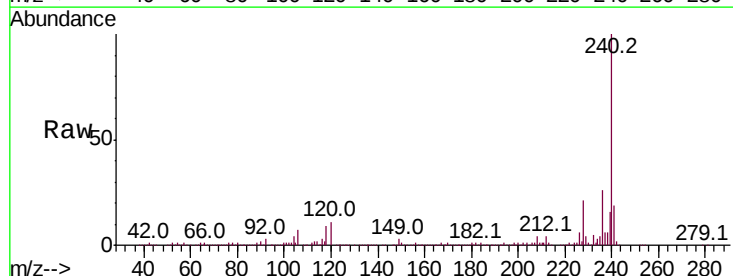
Tgt Ion:240 Resp: 633585

Ion Ratio Lower Upper

240 100

120 10.7 10.4 15.6

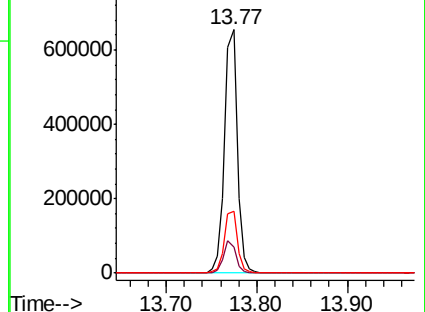
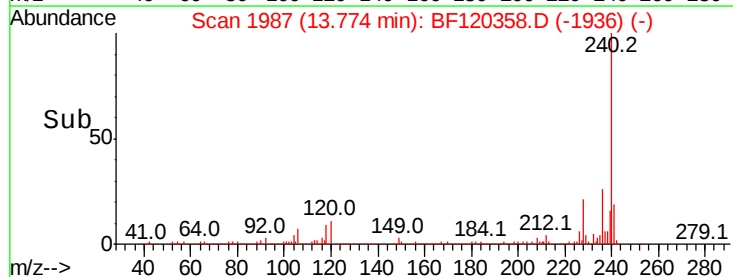
236 25.6 21.0 31.6

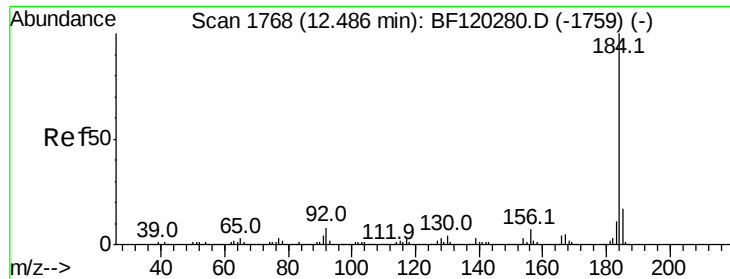


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.389 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

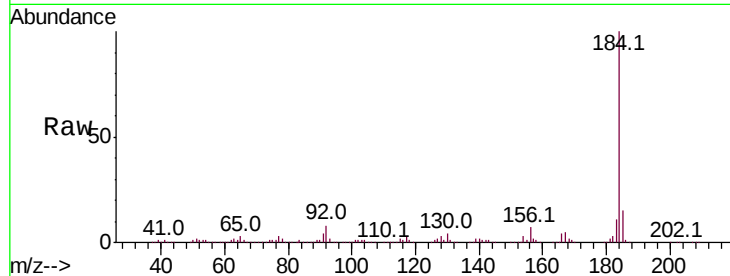
Tot Ion:184 Resp: 765772

Ion Ratio Lower Upper

184 100

185 15.3 13.7 20.5

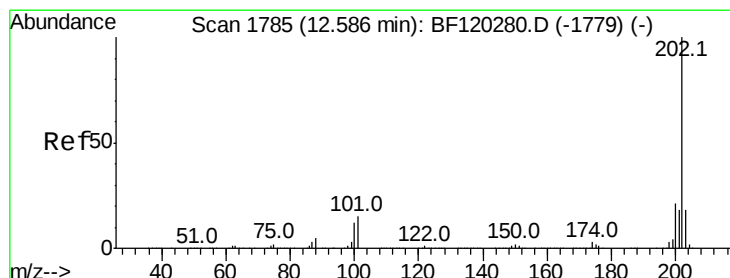
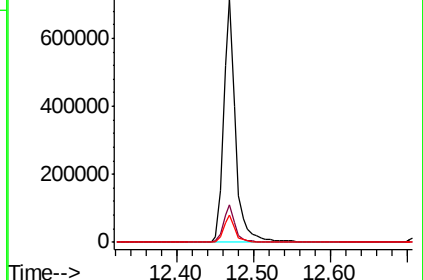
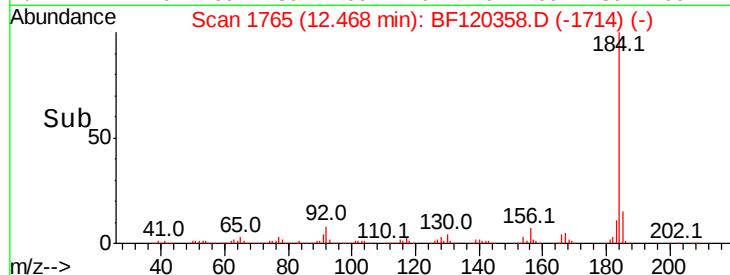
183 11.0 8.7 13.1



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: 42.220 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

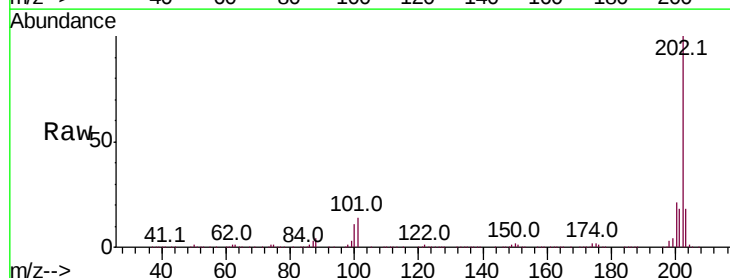
Tgt Ion:202 Resp: 1907011

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

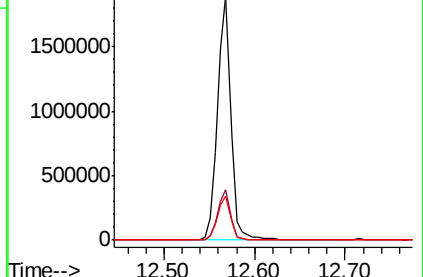
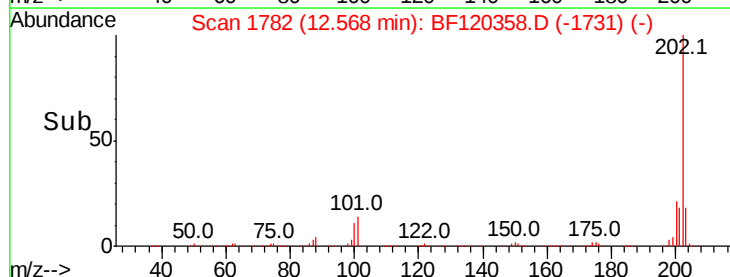
203 18.2 14.6 22.0

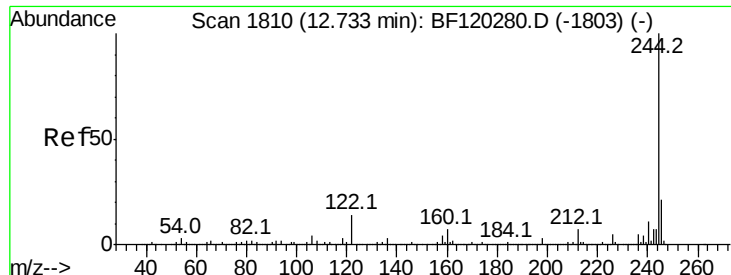


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.393 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

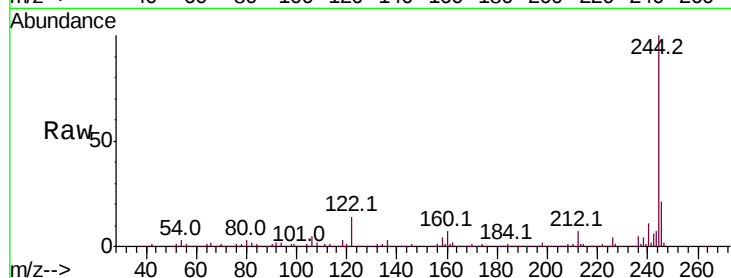
Tot Ion:244 Resp: 2506367

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

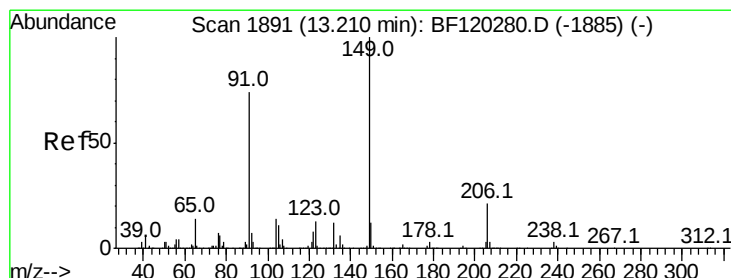
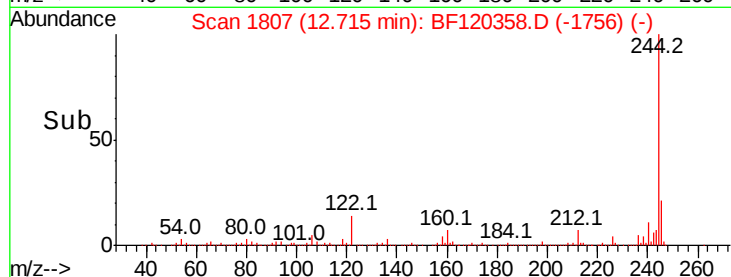
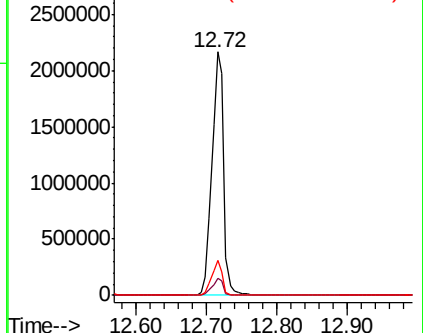
122 14.2 10.8 16.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.522 ng

RT: 13.19 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

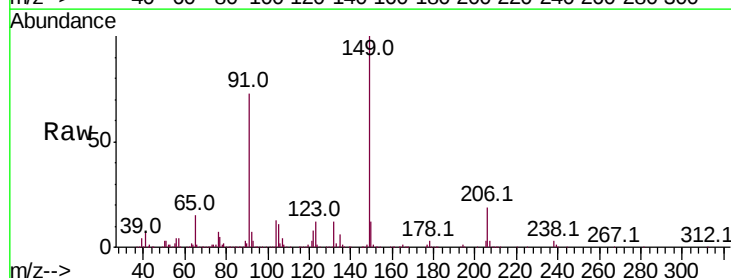
Tgt Ion:149 Resp: 883134

Ion Ratio Lower Upper

149 100

91 72.5 59.0 88.4

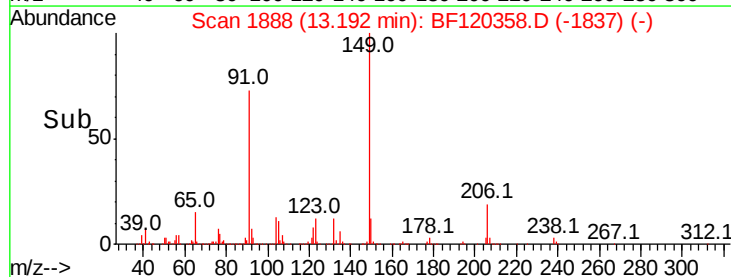
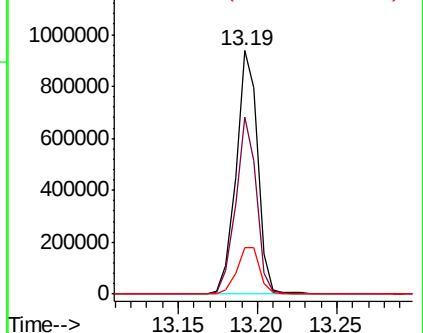
206 19.3 16.8 25.2

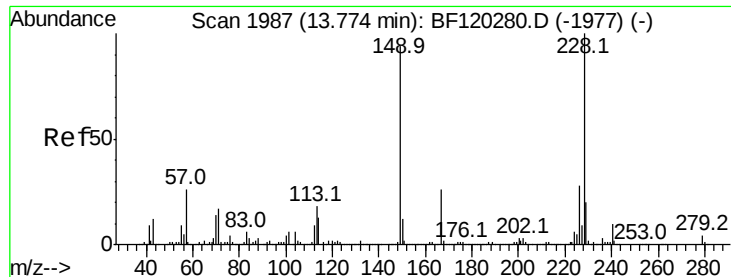


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.378 ng

RT: 13.76 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

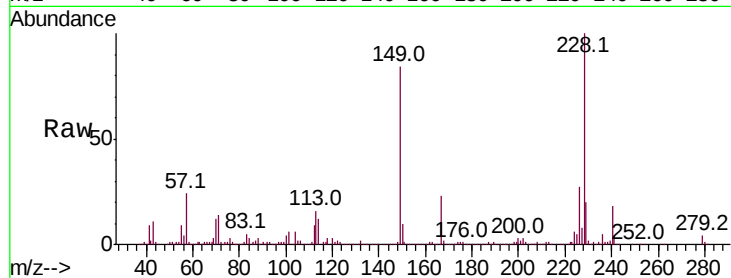
Tot Ion:228 Resp: 1416162

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

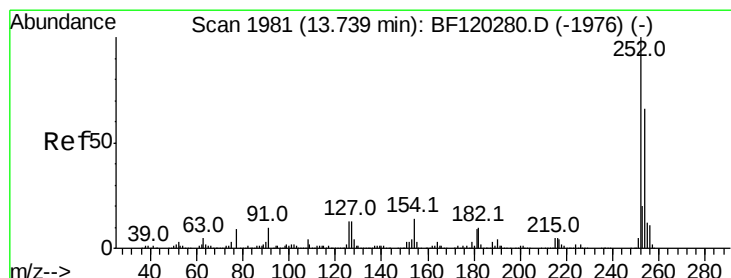
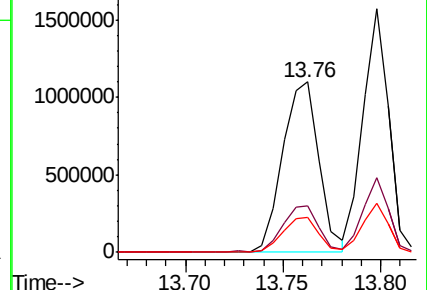
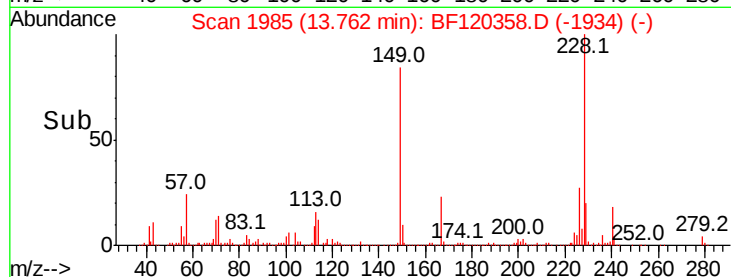
229 20.3 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.294 ng

RT: 13.73 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

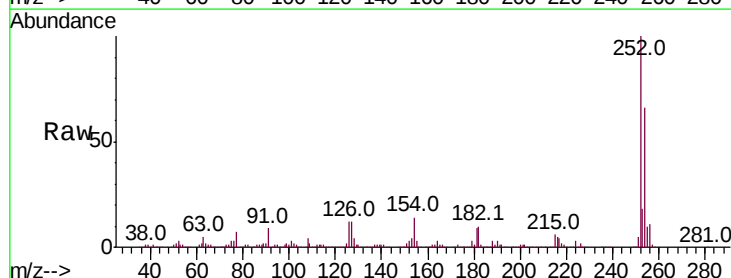
Tgt Ion:252 Resp: 545206

Ion Ratio Lower Upper

252 100

254 65.8 52.6 78.8

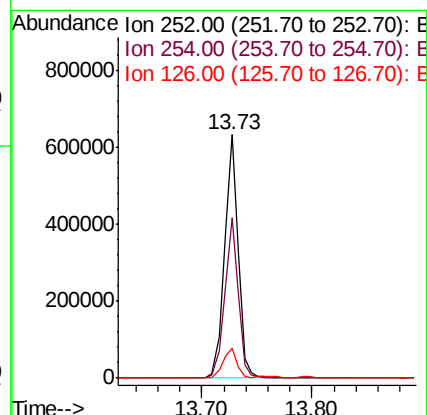
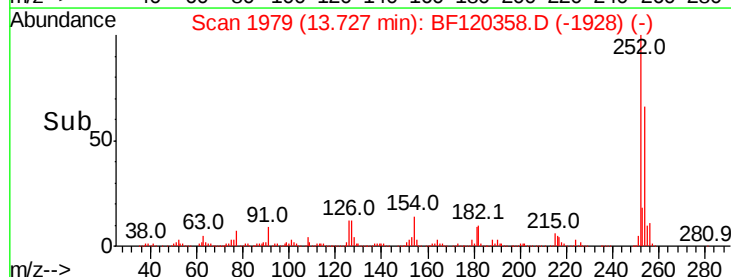
126 12.4 10.7 16.1

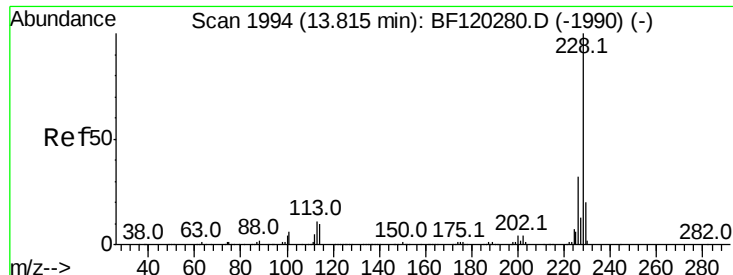


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



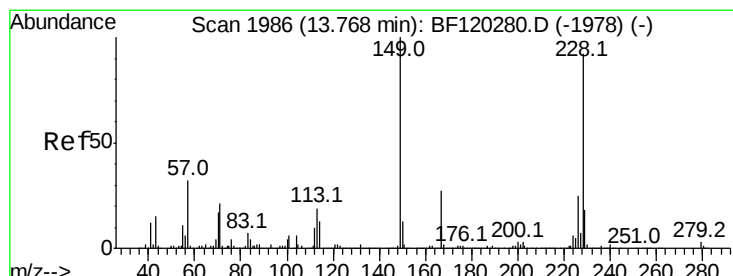
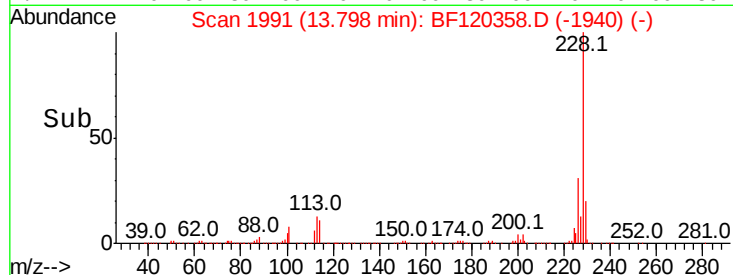
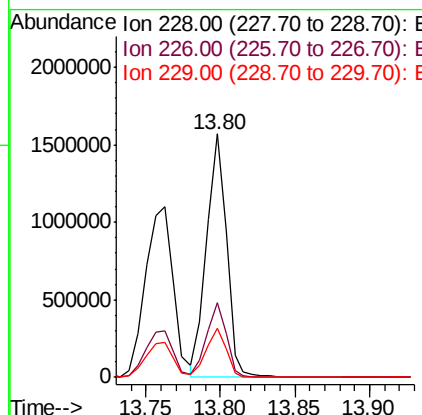
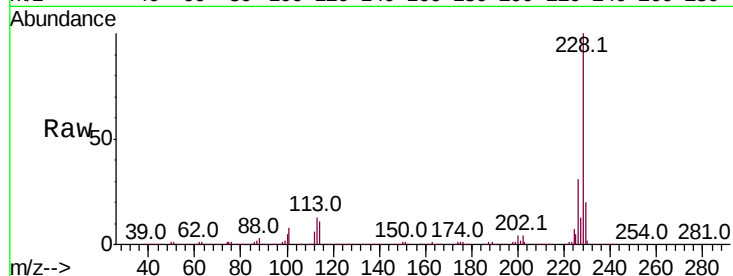


#83
 Chrvsene
 Concen: 40.376 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1448838

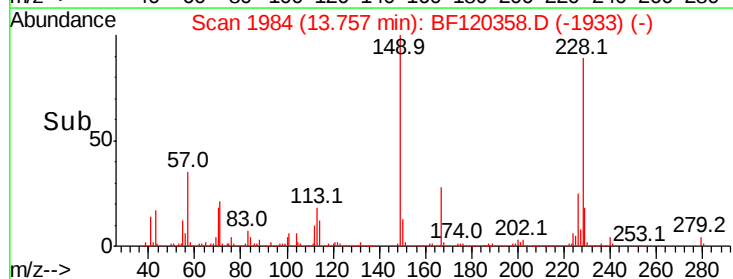
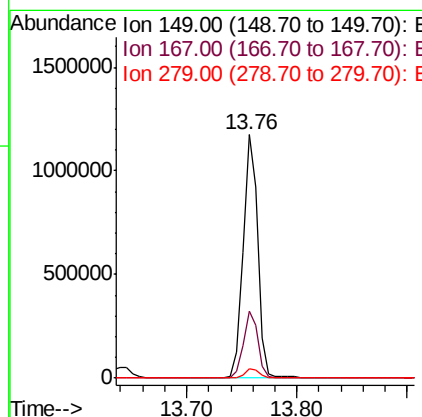
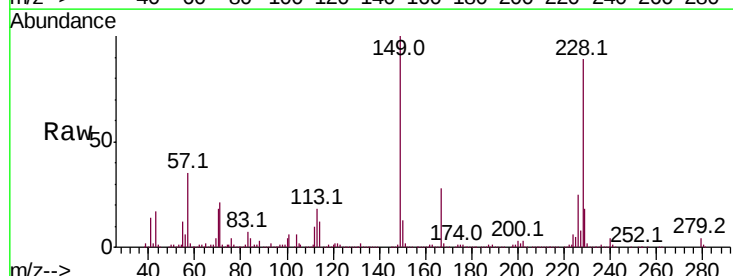
Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.1	16.2	24.4

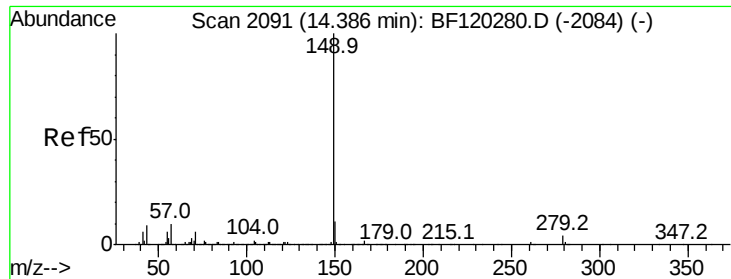


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.165 ng
 RT: 13.76 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BF120358.D
 Acq: 19 May 2020 12:40

Tgt Ion:149 Resp: 1089314

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.8
279	3.6	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 44.375 ng

RT: 14.37 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

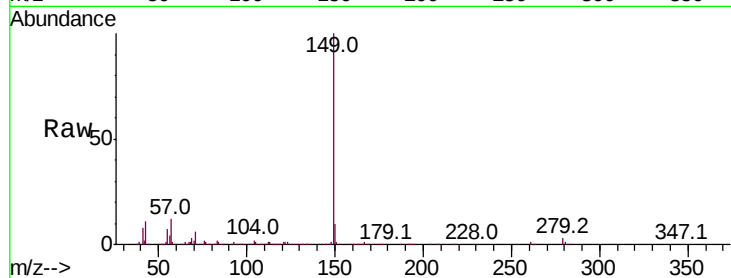
Tot Ion:149 Resp: 2112496

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

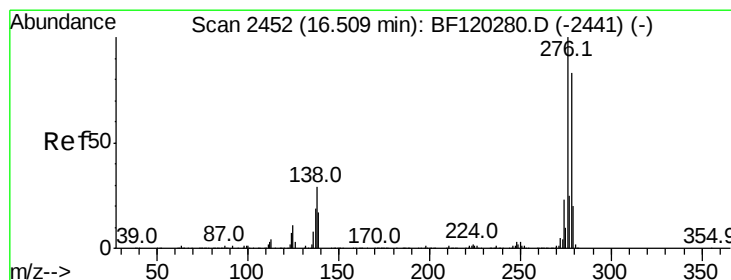
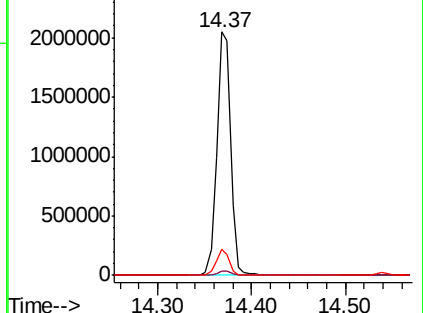
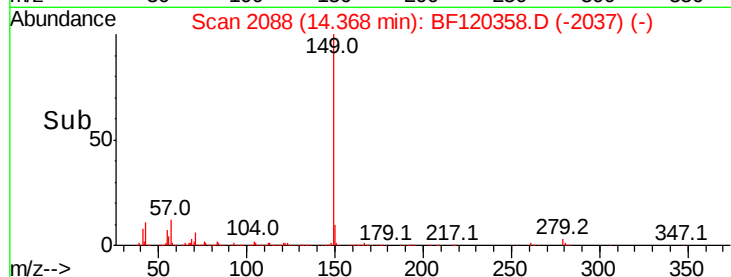
43 10.3 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.354 ng

RT: 16.48 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

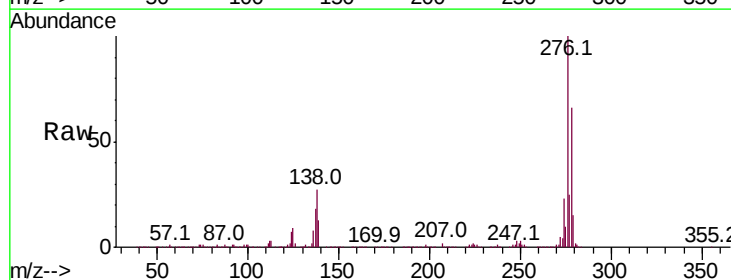
Tgt Ion:276 Resp: 1183986

Ion Ratio Lower Upper

276 100

138 27.4 23.3 34.9

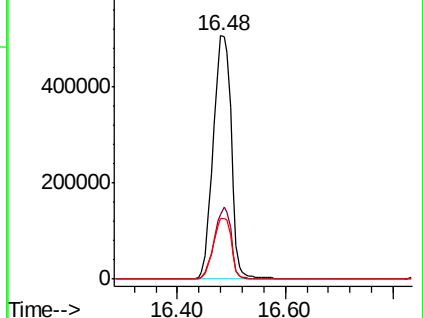
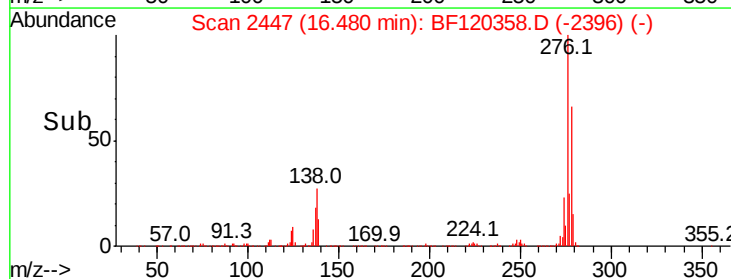
277 25.0 20.2 30.4

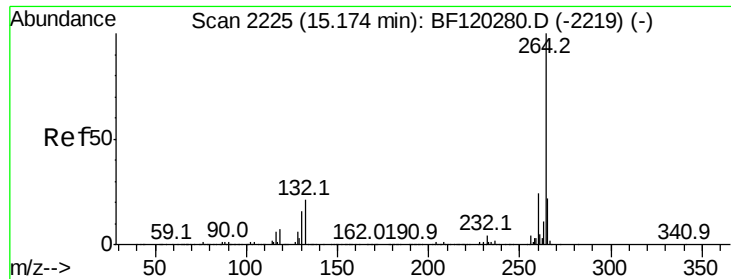


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

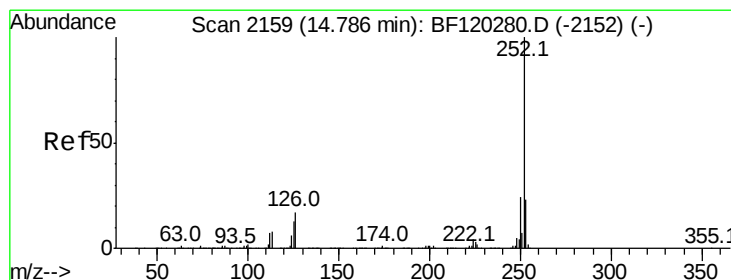
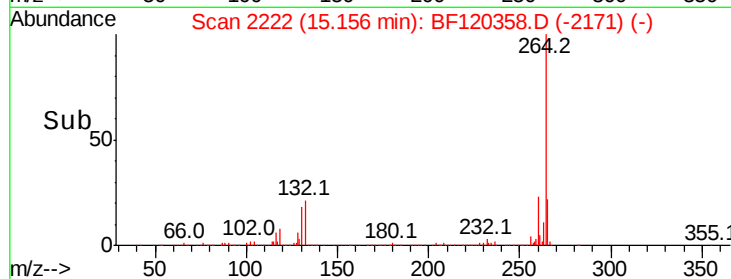
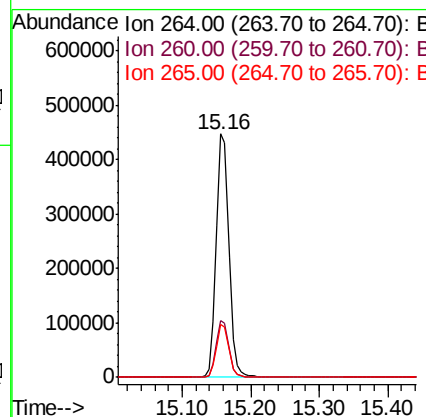
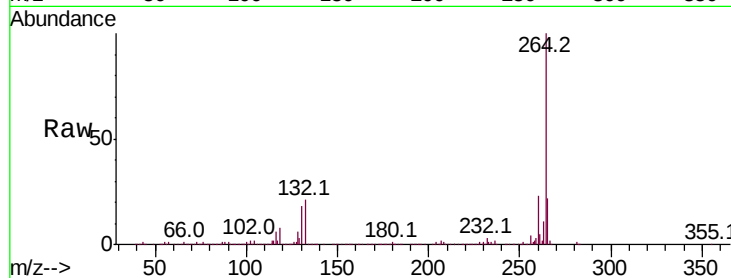




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

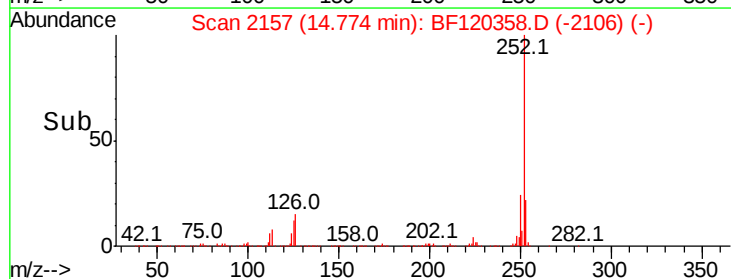
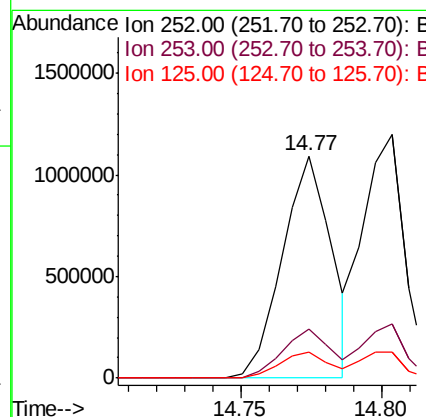
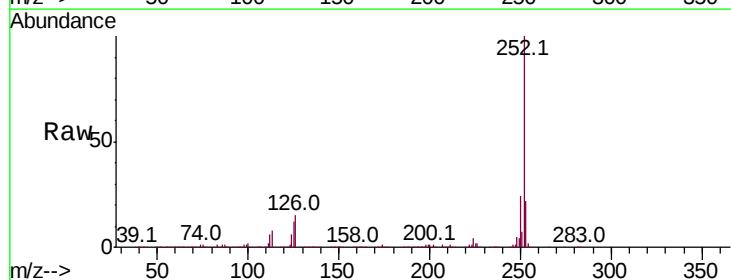
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

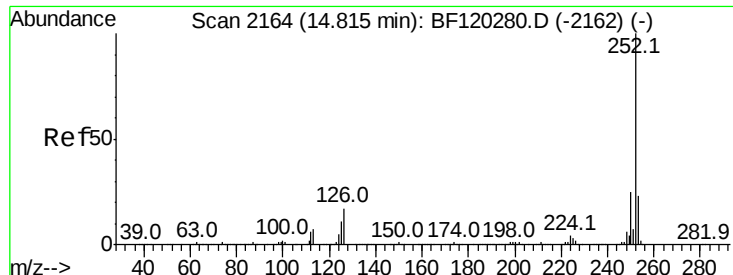
Tot Ion:264 Resp: 573822
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.6 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 42.084 ng
RT: 14.77 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

Tgt Ion:252 Resp: 1318817
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 11.7 10.4 15.6

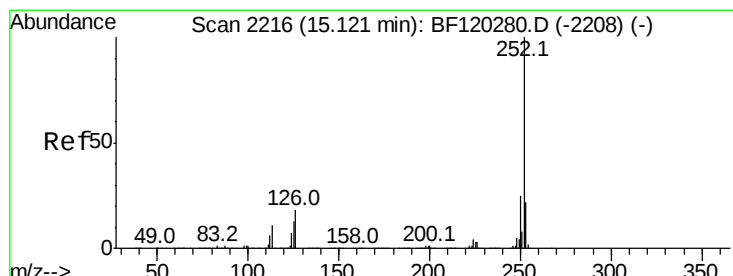
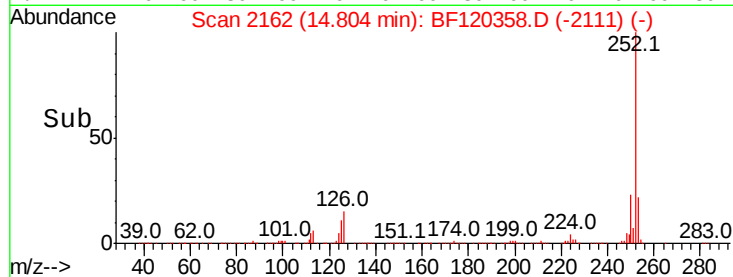
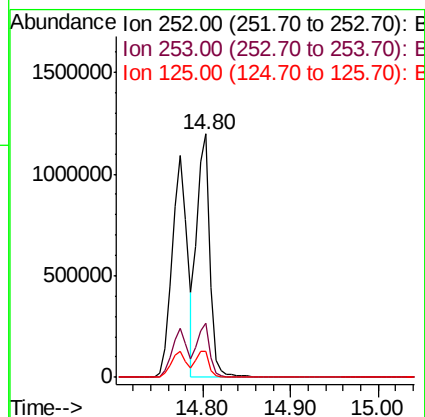
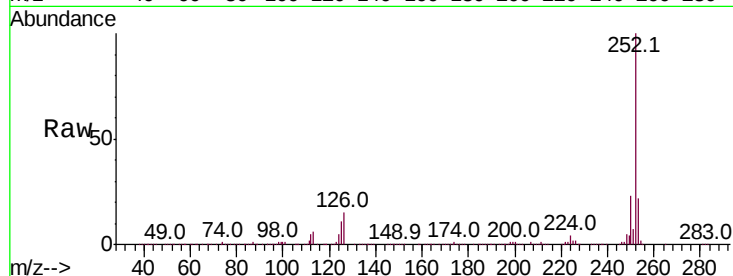




#89
Benzo(k)fluoranthene
Concen: 45.979 ng
RT: 14.80 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

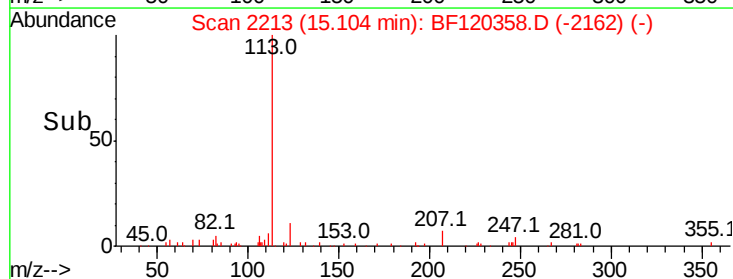
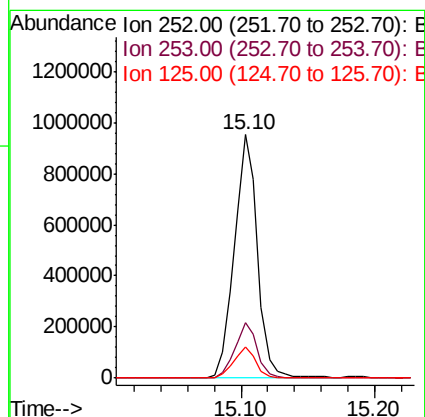
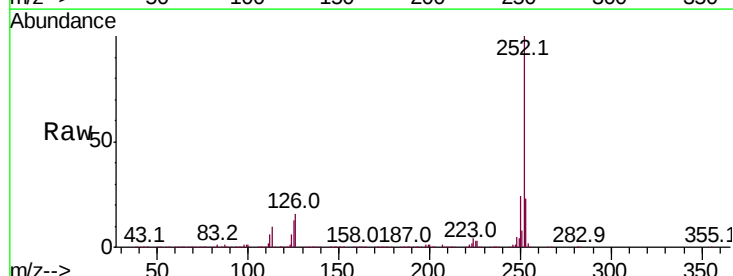
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

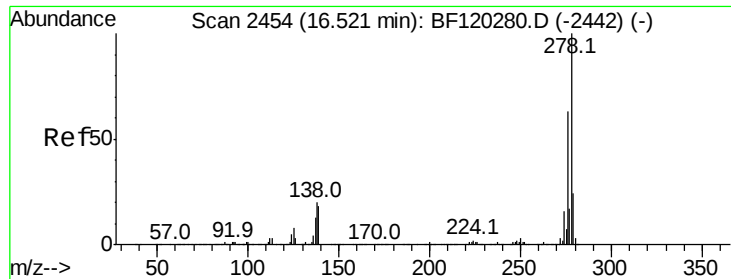
Tot Ion:252 Resp: 1248346
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 10.6 9.9 14.9



#90
Benzo(a)pyrene
Concen: 41.082 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF120358.D
Acq: 19 May 2020 12:40

Tgt Ion:252 Resp: 1154578
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 12.9 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 39.266 ng

RT: 16.49 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

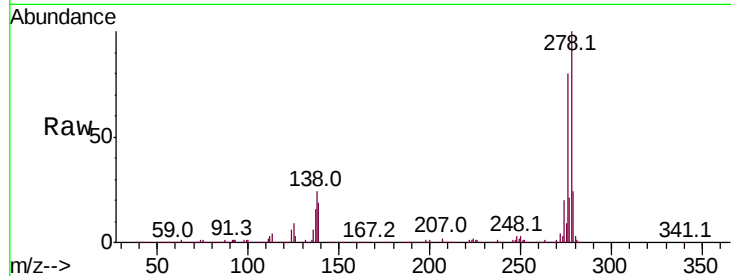
Tot Ion:278 Resp: 977649

Ion Ratio Lower Upper

278 100

139 18.5 14.7 22.1

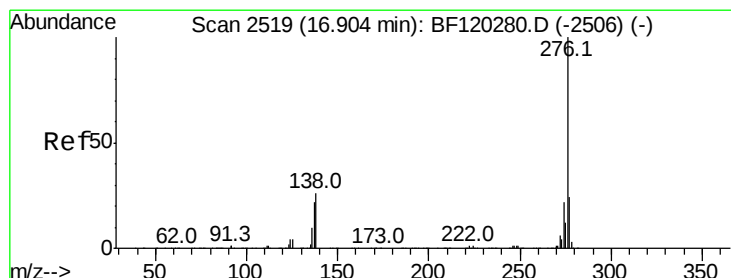
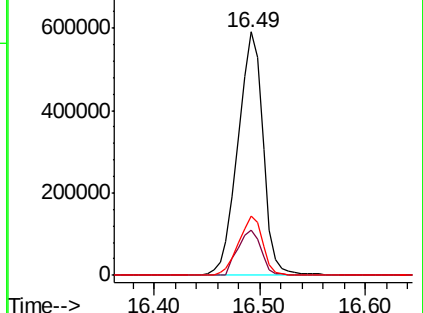
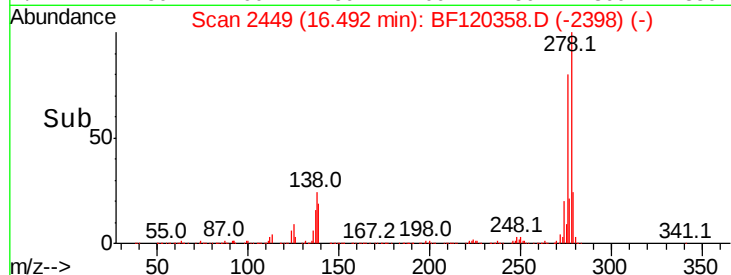
279 24.4 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.322 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.00 min

Lab File: BF120358.D

Acq: 19 May 2020 12:40

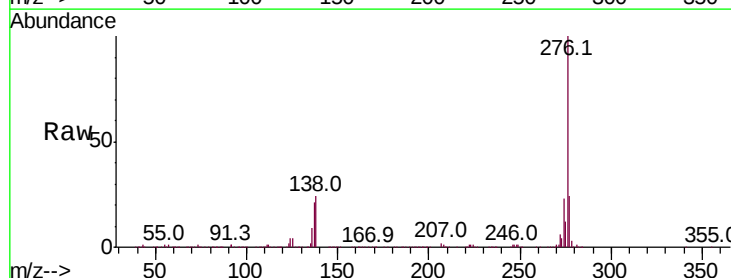
Tgt Ion:276 Resp: 911939

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 23.9 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

