

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121148.D
 Acq On : 31 Jul 2020 9:59
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 31 11:02:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135276	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	500383	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	262824	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	499356	20.00	ng	0.01
76) Chrysene-d12	13.97	240	377754	20.00	ng	0.01
86) Perylene-d12	15.43	264	343052	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	642079	77.81	ng	0.00
7) Phenol-d6	6.45	99	813927	76.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	702083	81.19	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	236622	82.25	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1259429	71.55	ng	0.00
79) Terphenyl-d14	12.92	244	1382931	79.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	147157	38.749	ng	99
3) Pyridine	3.23	79	406631	40.250	ng	99
4) n-Nitrosodimethylamine	3.19	42	159889	37.011	ng	98
6) Aniline	6.46	93	494260	35.523	ng	94
8) 2-Chlorophenol	6.59	128	356715	39.241	ng	96
9) Benzaldehyde	6.35	77	211771	41.384	ng	96
10) Phenol	6.46	94	430460	36.712	ng	91
11) bis(2-Chloroethyl)ether	6.54	93	356091	39.626	ng	99
12) 1,3-Dichlorobenzene	6.74	146	389104	39.474	ng	98
13) 1,4-Dichlorobenzene	6.82	146	387291	39.513	ng	98
14) 1,2-Dichlorobenzene	6.97	146	360602	38.888	ng	98
15) Benzyl Alcohol	6.95	79	281593	37.356	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	491376	37.937	ng	92
17) 2-Methylphenol	7.06	107	314684	39.057	ng	98
18) Hexachloroethane	7.31	117	141585	39.910	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	223514	36.876	ng	97
20) 3+4-Methylphenols	7.22	107	362147	35.334	ng	98
22) Acetophenone	7.21	105	440358	39.212	ng	98
24) Nitrobenzene	7.39	77	371156	39.821	ng	99
25) Isophorone	7.63	82	681763	39.502	ng	100
26) 2-Nitrophenol	7.70	139	199248	45.011	ng	94
27) 2,4-Dimethylphenol	7.75	122	290164	40.373	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	429687	40.786	ng	99
29) 2,4-Dichlorophenol	7.95	162	296588	40.384	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	328115	40.269	ng	99
31) Naphthalene	8.11	128	1011833	39.421	ng	99
32) Benzoic acid	7.87	122	107521	19.929	ng	98
33) 4-Chloroaniline	8.16	127	446556	39.000	ng	99
34) Hexachlorobutadiene	8.22	225	196105	40.827	ng	98
35) Caprolactam	8.54	113	96883	41.137	ng	90
36) 4-Chloro-3-methylphenol	8.65	107	307601	40.838	ng	99
37) 2-Methylnaphthalene	8.80	142	679261	40.758	ng	99
38) 1-Methylnaphthalene	8.90	142	637256	40.373	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	317063	41.405	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	134272	31.726	ng	98
43) 2,4,6-Trichlorophenol	9.08	196	207001	38.393	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	233940	38.251	ng	98
46) 1,1'-Biphenyl	9.26	154	808950	40.350	ng	100
47) 2-Chloronaphthalene	9.29	162	654156	40.021	ng	100
48) 2-Nitroaniline	9.39	65	207484	42.004	ng	98
49) Acenaphthylene	9.70	152	1013218	39.902	ng	100
50) Dimethylphthalate	9.57	163	777755	41.018	ng	99
51) 2,6-Dinitrotoluene	9.63	165	172875	42.438	ng	94
52) Acenaphthene	9.88	154	594229	36.808	ng	100
53) 3-Nitroaniline	9.80	138	208256	40.762	ng	96
54) 2,4-Dinitrophenol	9.92	184	76625	36.721	ng	98
55) Dibenzofuran	10.05	168	901901	38.632	ng	98
56) 4-Nitrophenol	9.97	139	130795	33.702	ng	100
57) 2,4-Dinitrotoluene	10.04	165	227138	42.460	ng	95
58) Fluorene	10.39	166	684250	39.298	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	173127	37.179	ng	99
60) Diethylphthalate	10.26	149	765522	39.915	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	351318	37.829	ng	95
62) 4-Nitroaniline	10.42	138	208599	41.915	ng	97
63) Azobenzene	10.54	77	710912	38.936	ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	115610	40.643	ng	98
66) n-Nitrosodiphenylamine	10.50	169	637824	40.603	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	237122	42.591	ng	97
68) Hexachlorobenzene	10.94	284	253221	42.046	ng	97
69) Atrazine	11.03	200	167970	43.176	ng	99
70) Pentachlorophenol	11.14	266	118782	34.428	ng	98
71) Phenanthrene	11.36	178	1023273	39.844	ng	100
72) Anthracene	11.41	178	1029836	39.934	ng	100
73) Carbazole	11.56	167	1023664	39.998	ng	100
74) Di-n-butylphthalate	11.89	149	1193917	40.425	ng	99
75) Fluoranthene	12.54	202	1146541	40.277	ng	98
77) Benzidine	12.66	184	318892	32.108	ng	99
78) Pyrene	12.77	202	1167322	43.708	ng	100
80) Butylbenzylphthalate	13.39	149	517843	43.495	ng	99
81) Benzo(a)anthracene	13.96	228	988924	43.232	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	353735	40.989	ng	98
83) Chrysene	14.00	228	959569	39.917	ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	669669	45.614	ng	# 99
85) Di-n-octyl phthalate	14.56	149	1112481	38.088	ng	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	809252	33.920	ng	99
88) Benzo(b)fluoranthene	15.01	252	928709	44.787	ng	100
89) Benzo(k)fluoranthene	15.04	252	831634	43.975	ng	98
90) Benzo(a)pyrene	15.37	252	797056	42.130	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	662190	33.979	ng	99
92) Benzo(g,h,i)perylene	17.30	276	642905	33.458	ng	100

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

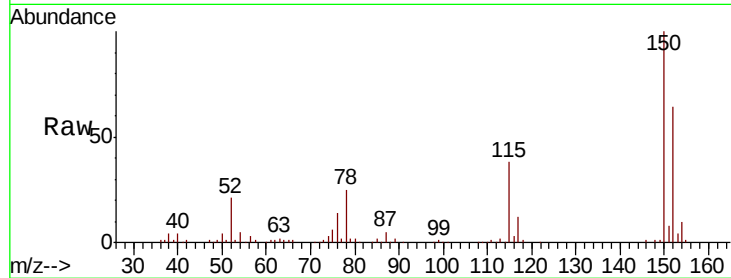


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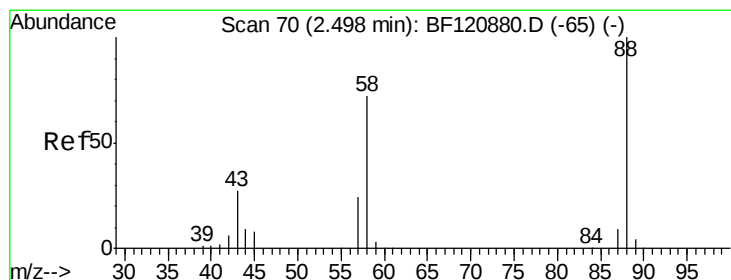
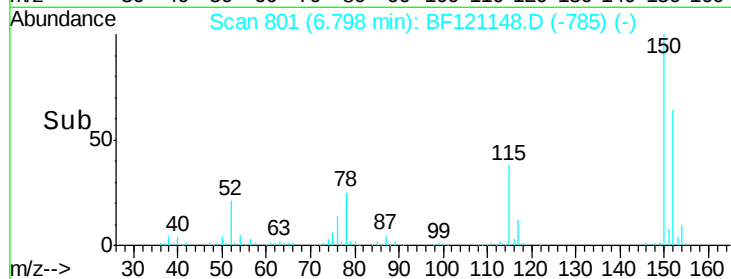
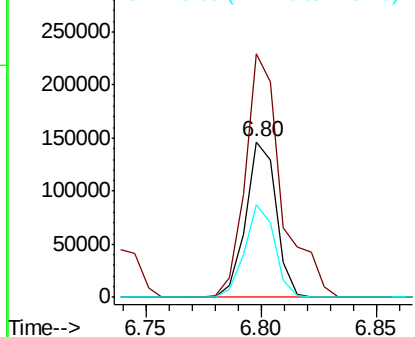
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 135276
Ion Ratio Lower Upper
152 100
150 156.2 125.6 188.4
115 59.6 46.2 69.2



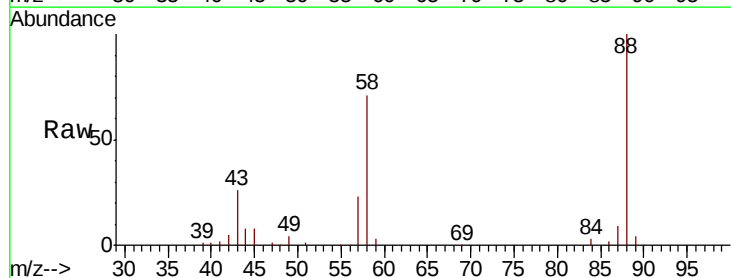
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



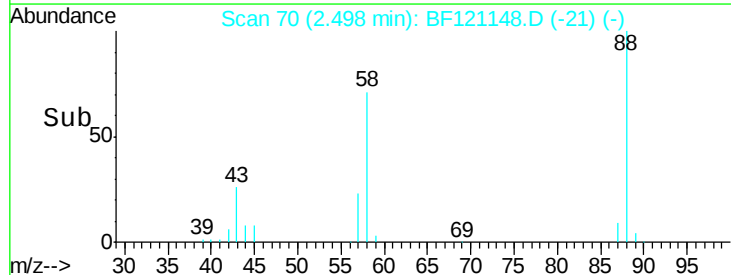
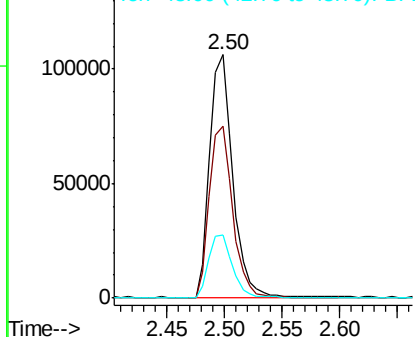
#2

1,4-Dioxane
Concen: 38.749 ng
RT: 2.50 min Scan# 70
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion: 88 Resp: 147157
Ion Ratio Lower Upper
88 100
58 72.4 58.2 87.4
43 27.5 21.3 31.9



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



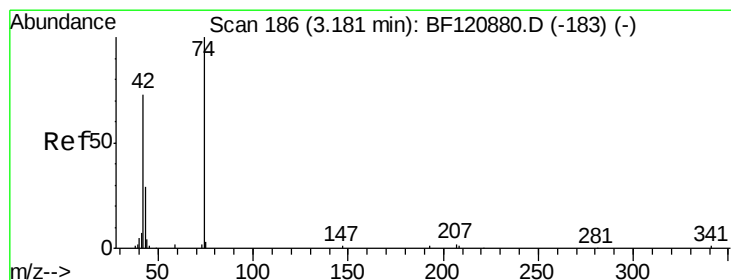
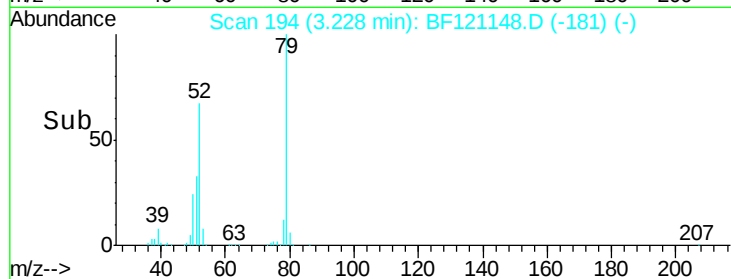
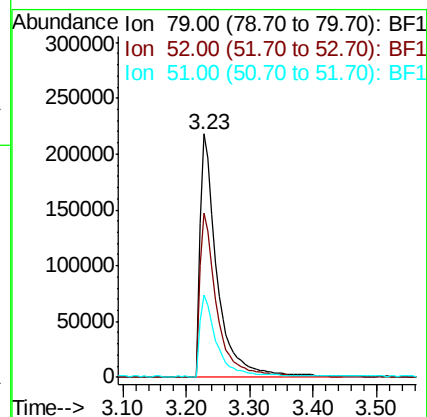
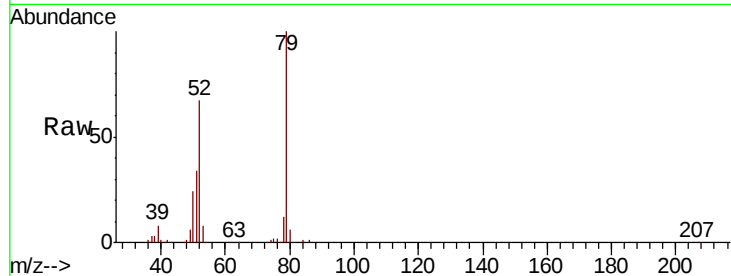


#3
Pvridine
Concen: 40.250 ng
RT: 3.23 min Scan# 194
Delta R.T. -0.02 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 406631

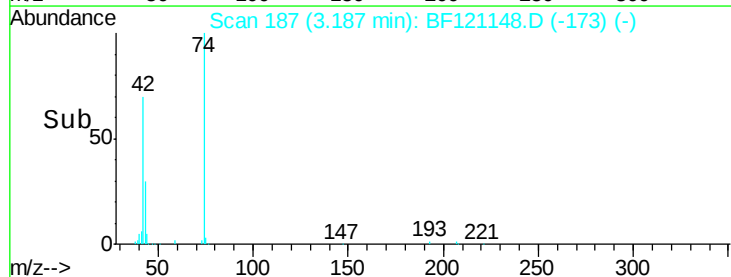
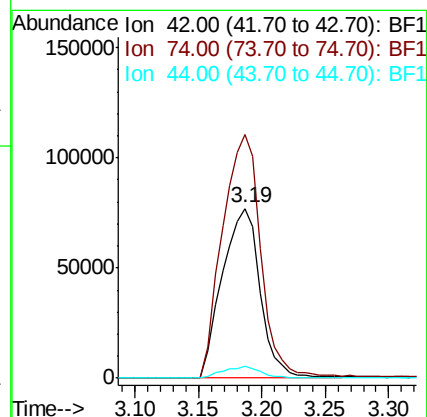
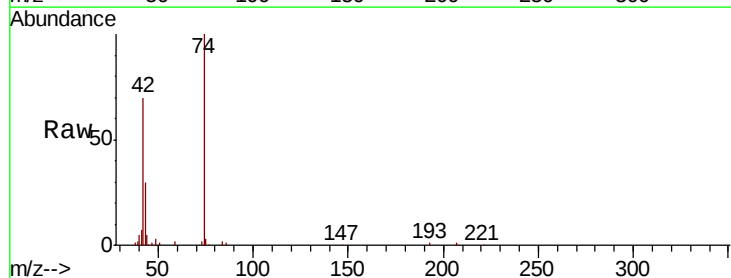
Ion	Ratio	Lower	Upper
79	100		
52	67.5	54.9	82.3
51	33.7	27.4	41.0

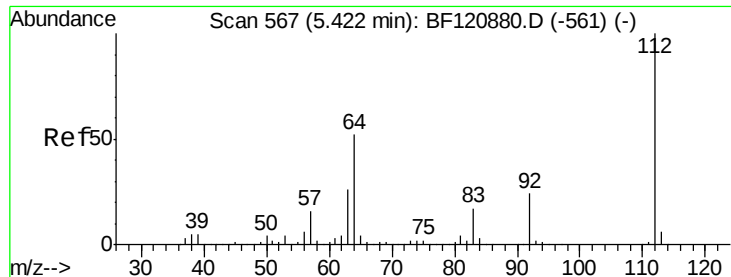


#4
n-Nitrosodimethylamine
Concen: 37.011 ng
RT: 3.19 min Scan# 187
Delta R.T. -0.02 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion: 42 Resp: 159889

Ion	Ratio	Lower	Upper
42	100		
74	143.4	117.3	175.9
44	7.2	5.9	8.9





#5

2-Fluorophenol

Concen: 77.811 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

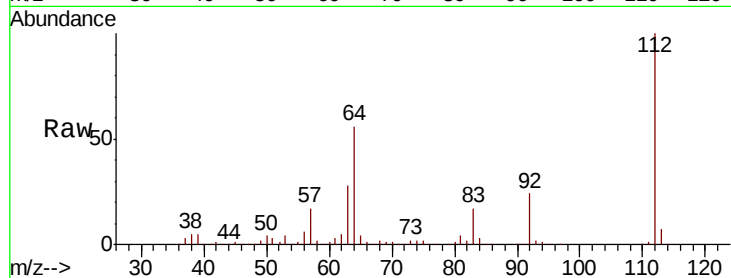
Tot Ion:112 Resp: 642079

Ion Ratio Lower Upper

112 100

64 55.6 43.9 65.9

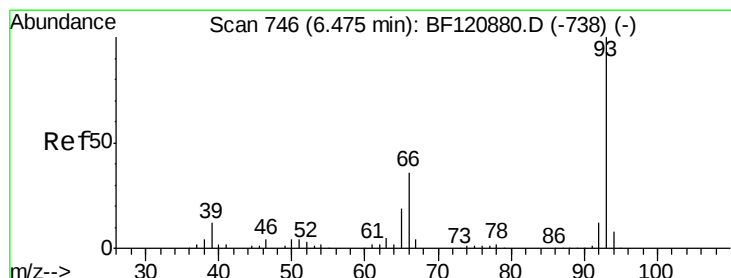
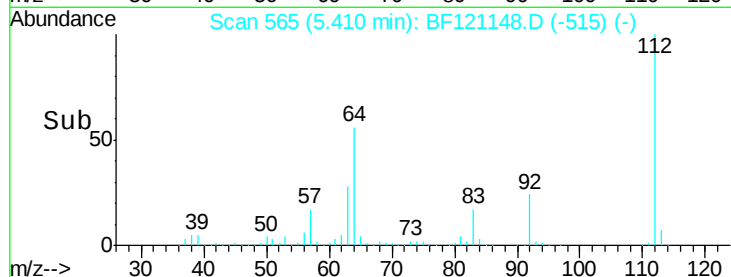
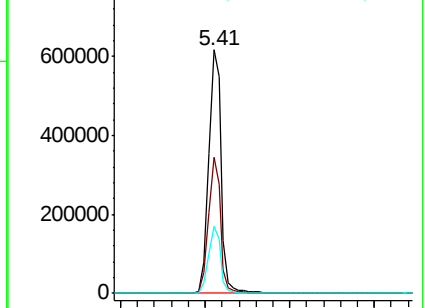
63 27.7 22.7 34.1



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: 35.523 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

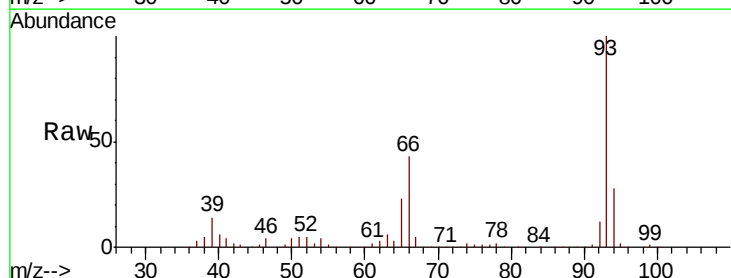
Tgt Ion: 93 Resp: 494260

Ion Ratio Lower Upper

93 100

66 42.7 31.0 46.4

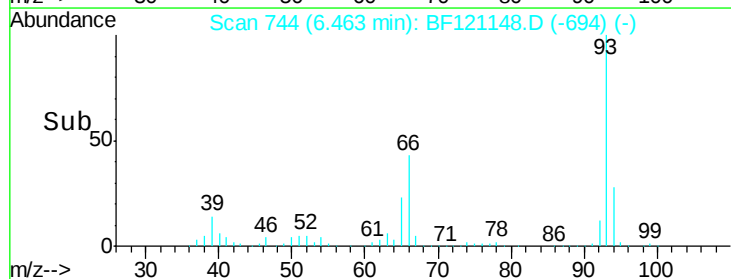
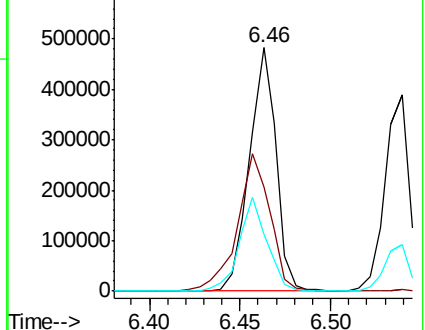
65 23.2 16.2 24.4



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: 76.359 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

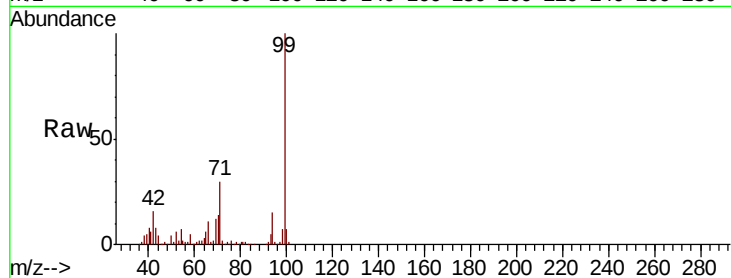
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 813927

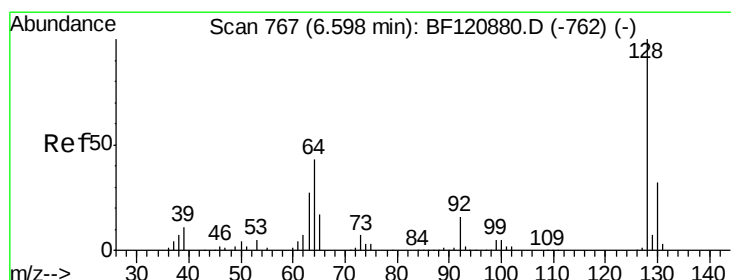
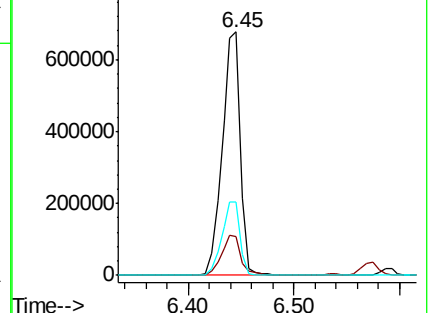
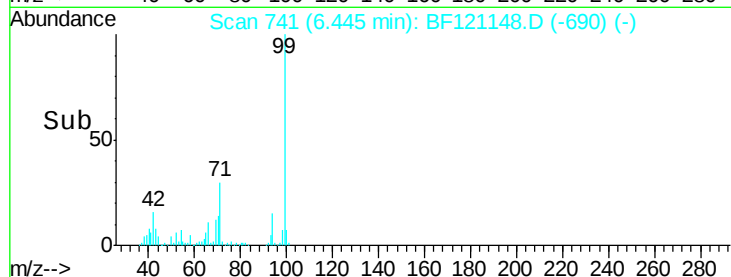
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	29.9	25.0	37.4



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: 39.241 ng

RT: 6.59 min Scan# 766

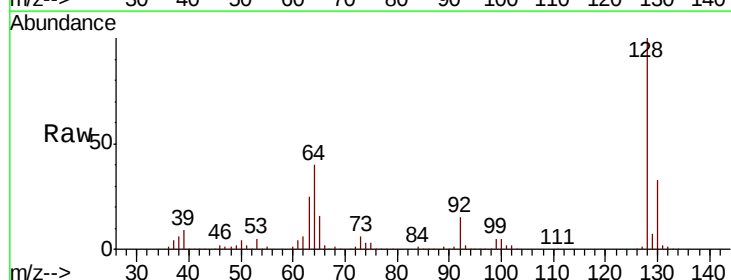
Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Tgt Ion: 128 Resp: 356715

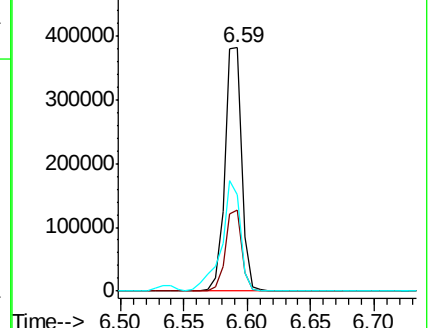
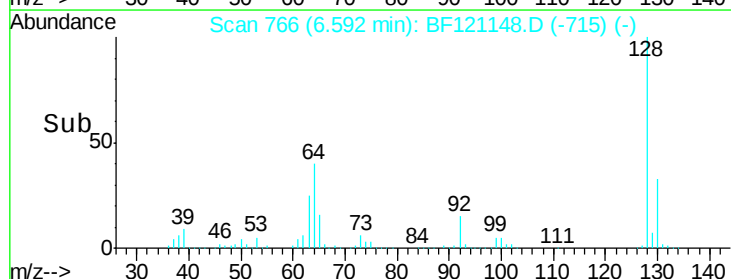
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.7	52.7
64	39.8	23.8	63.8



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: 41.384 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

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ClientSampleId :

SSTDCCC040

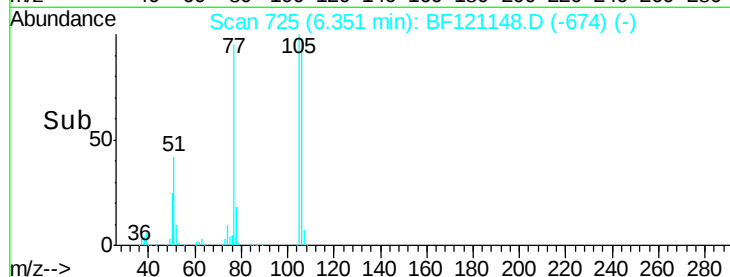
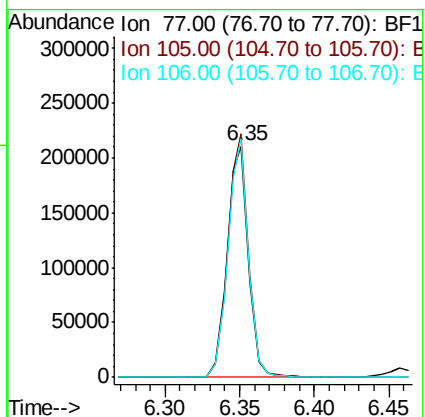
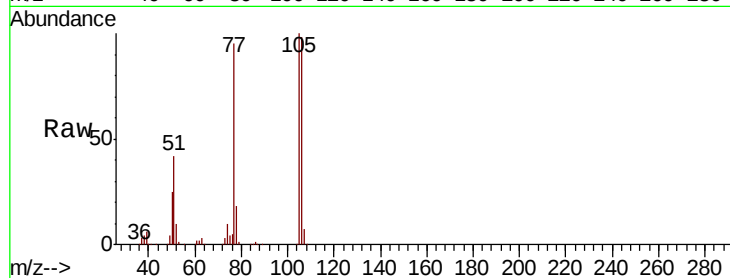
Tot Ion: 77 Resp: 211771

Ion Ratio Lower Upper

77 100

105 105.4 82.4 122.4

106 103.3 78.9 118.9



#10

Phenol

Concen: 36.712 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

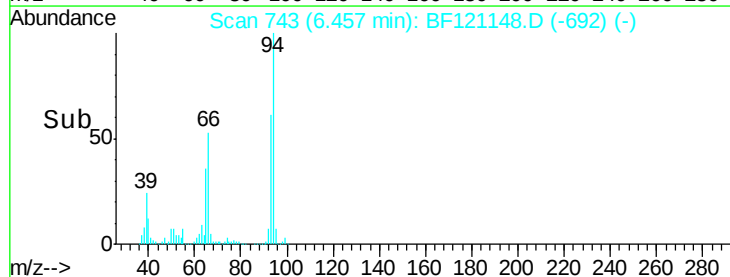
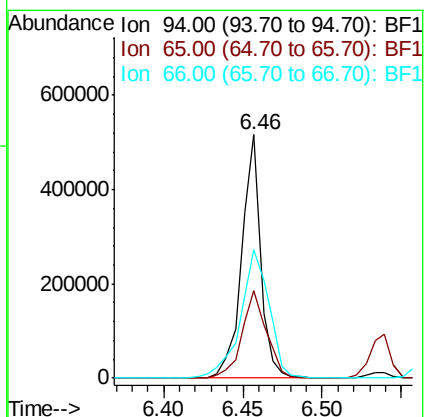
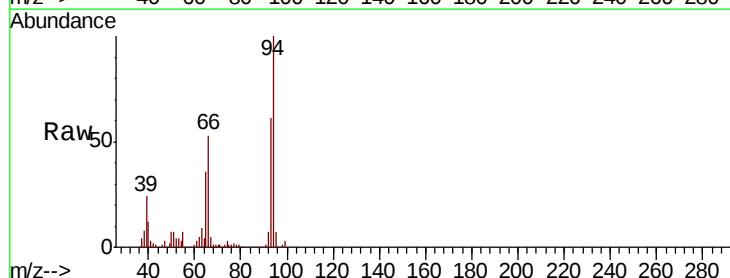
Tgt Ion: 94 Resp: 430460

Ion Ratio Lower Upper

94 100

65 35.9 12.6 52.6

66 52.7 25.6 65.6





#11

bis(2-Chloroethyl)ether

Concen: 39.626 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

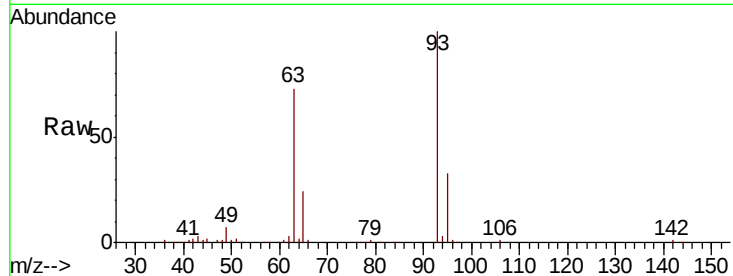
Tot Ion: 93 Resp: 356091

Ion Ratio Lower Upper

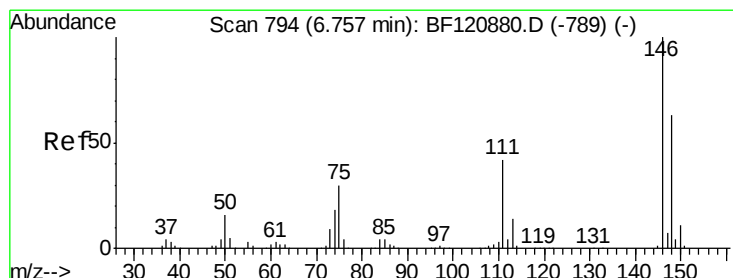
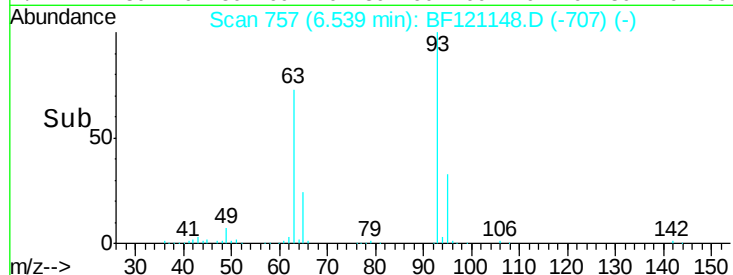
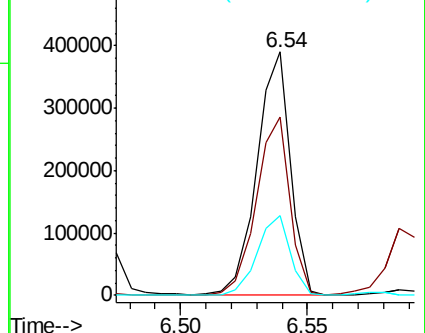
93 100

63 73.0 51.9 91.9

95 32.6 13.2 53.2



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



#12

1,3-Dichlorobenzene

Concen: 39.474 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

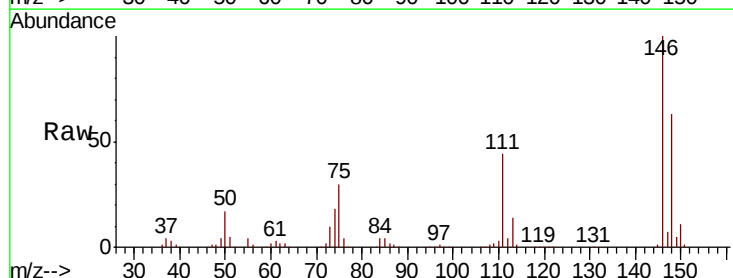
Tgt Ion: 146 Resp: 389104

Ion Ratio Lower Upper

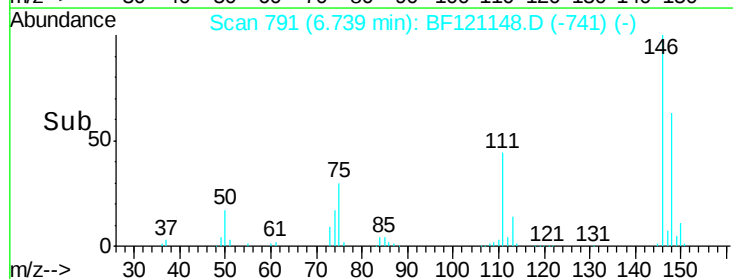
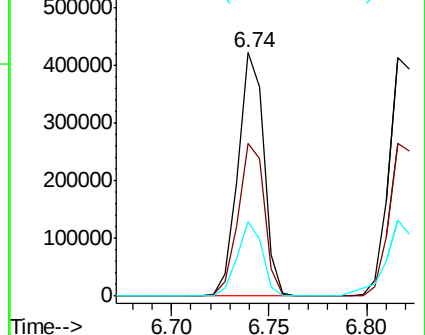
146 100

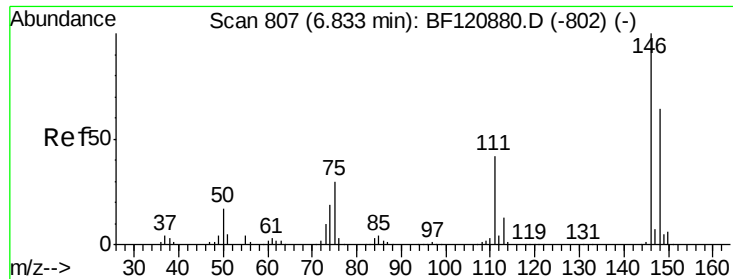
148 62.9 51.7 77.5

75 30.4 23.8 35.6



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

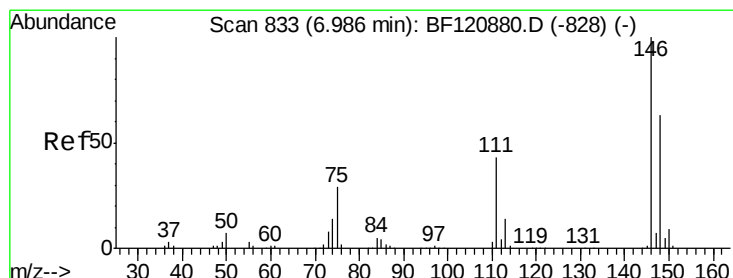
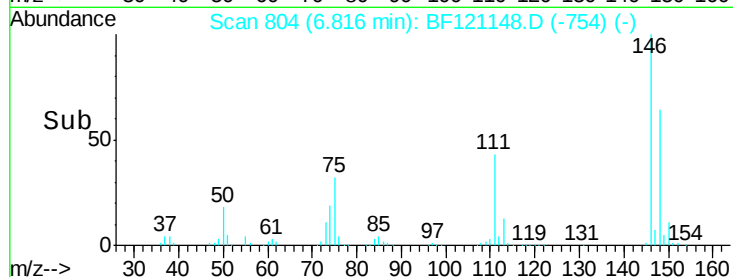
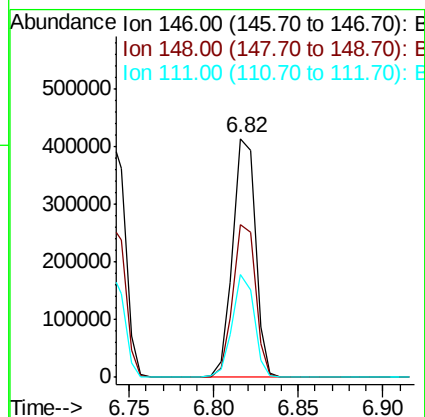
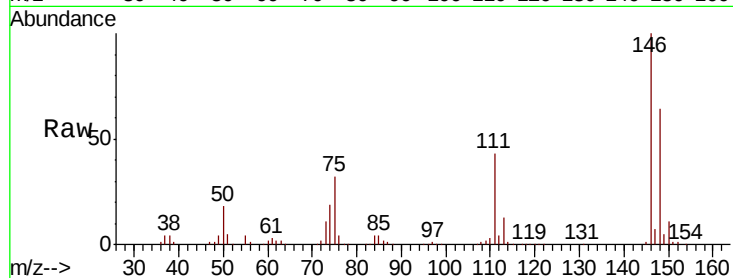




#13
 1,4-Dichlorobenzene
 Concen: 39.513 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

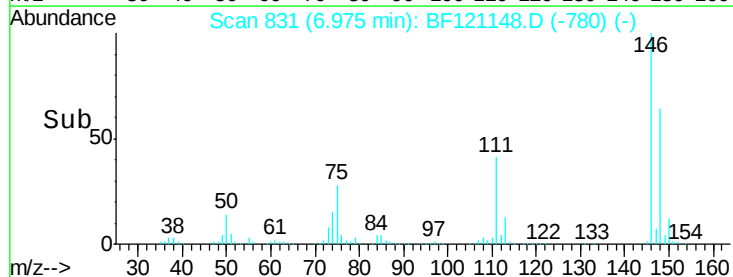
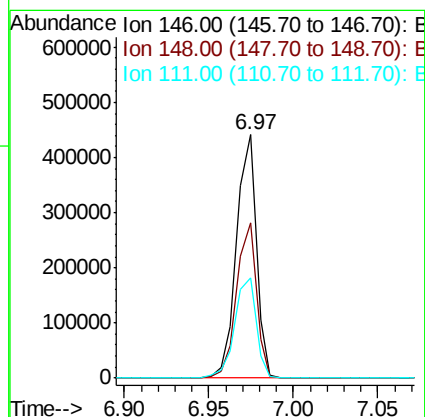
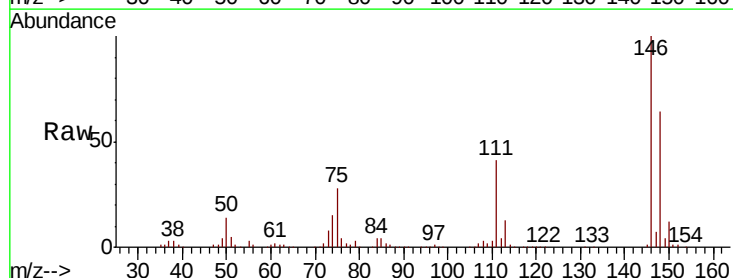
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

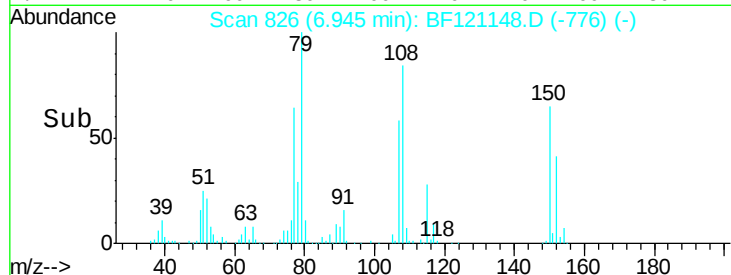
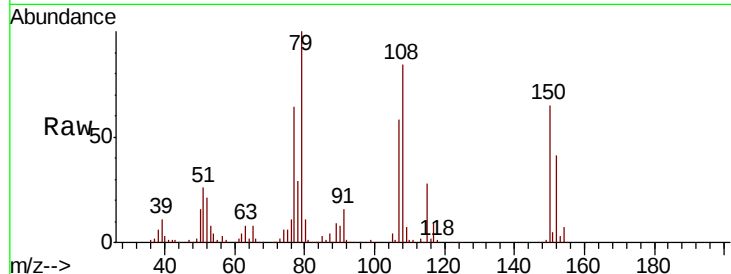
Tot Ion:146 Resp: 387291
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.5 75.7
 111 42.9 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 38.888 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Tgt Ion:146 Resp: 360602
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 41.0 35.4 53.0

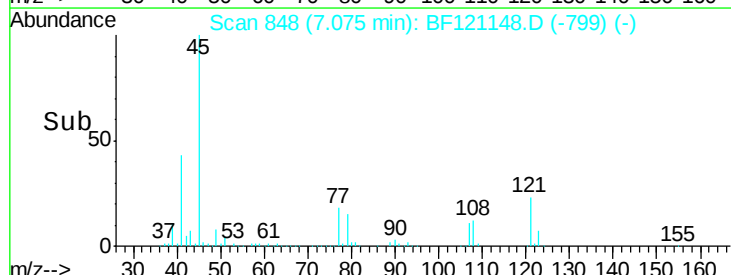
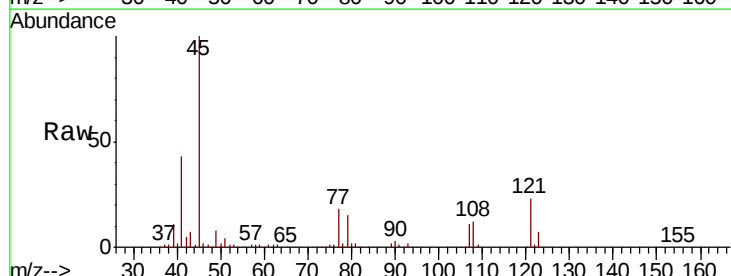
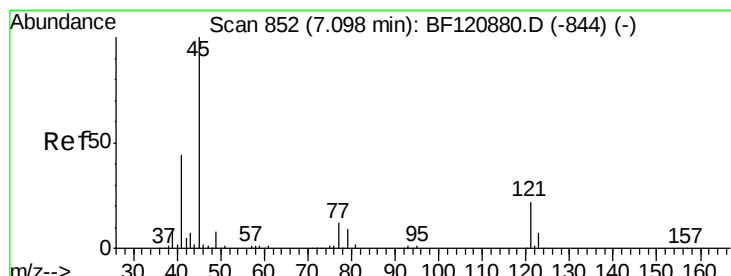
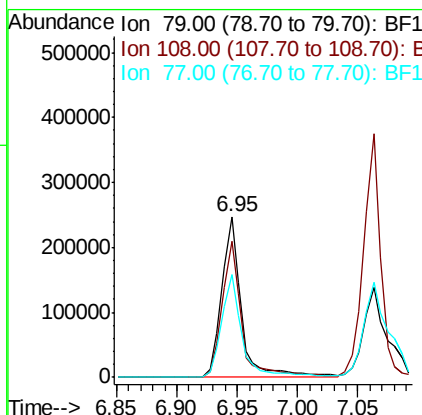




#15
Benzyl Alcohol
Concen: 37.356 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

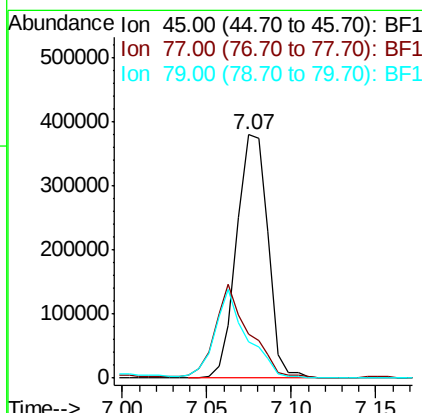
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

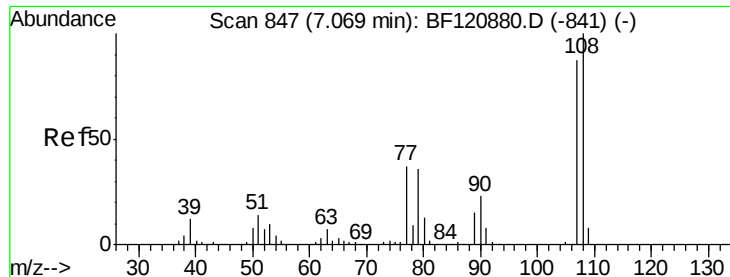
Tot Ion: 79 Resp: 281593
Ion Ratio Lower Upper
79 100
108 84.3 68.6 103.0
77 63.9 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.937 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion: 45 Resp: 491376
Ion Ratio Lower Upper
45 100
77 18.2 0.0 34.7
79 14.9 0.0 32.0





#17

2-Methylphenol

Concen: 39.057 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 314684

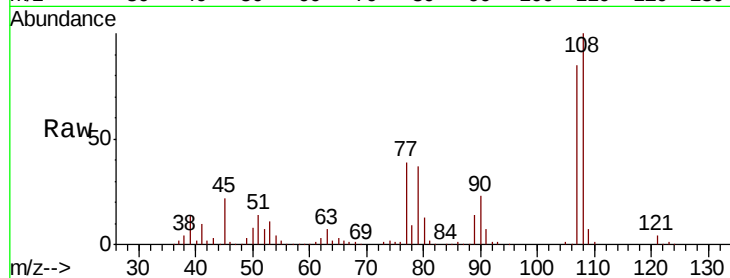
Ion Ratio Lower Upper

107 100

108 117.5 91.2 136.8

77 45.6 36.5 54.7

79 43.5 35.0 52.6

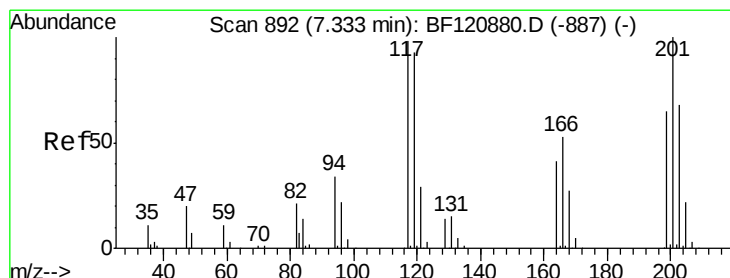
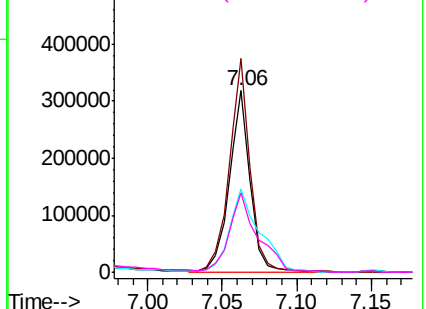
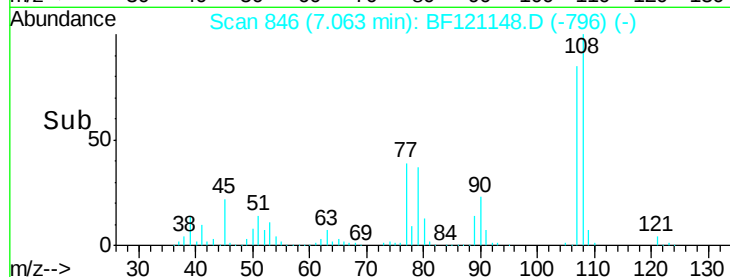


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.910 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

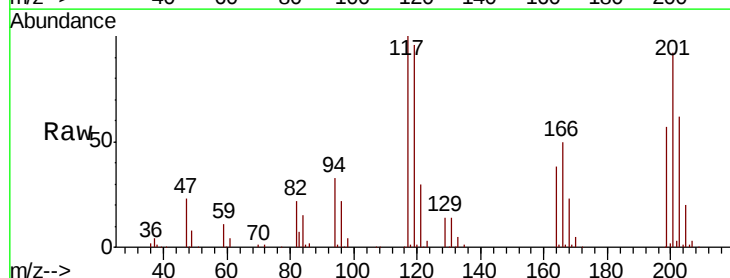
Tgt Ion:117 Resp: 141585

Ion Ratio Lower Upper

117 100

119 95.9 76.6 114.8

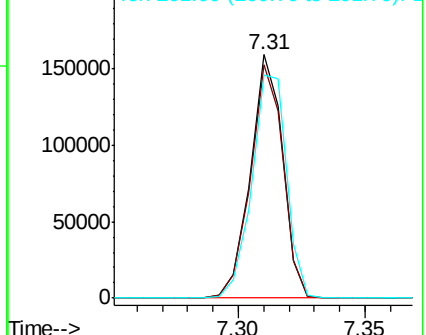
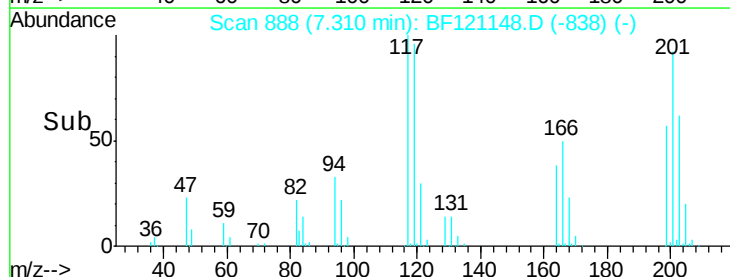
201 91.5 75.0 112.4

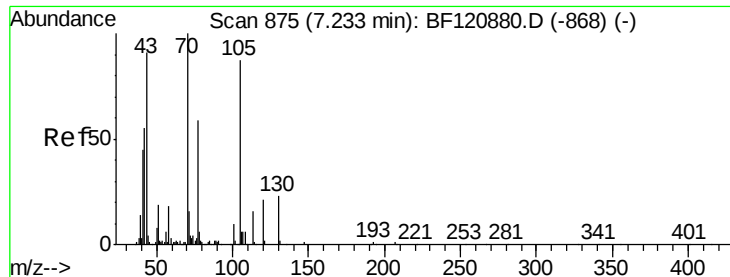


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

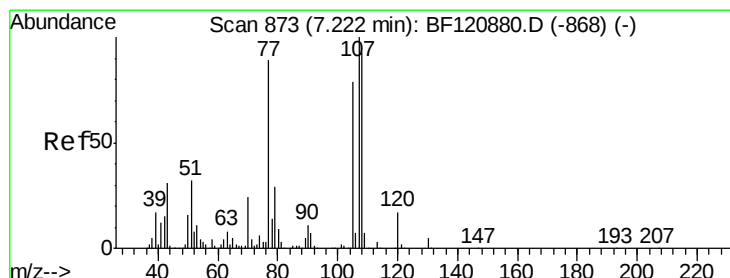
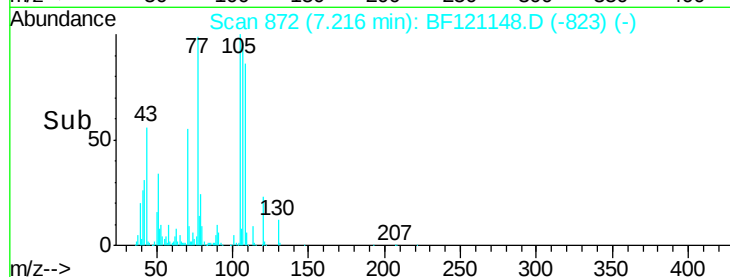
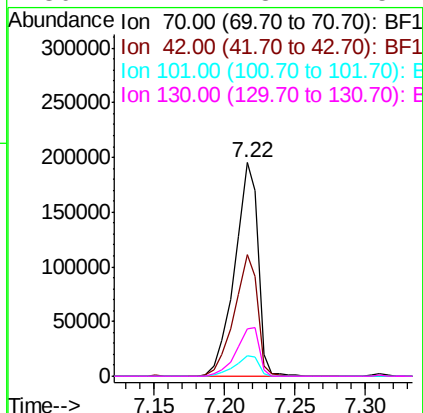
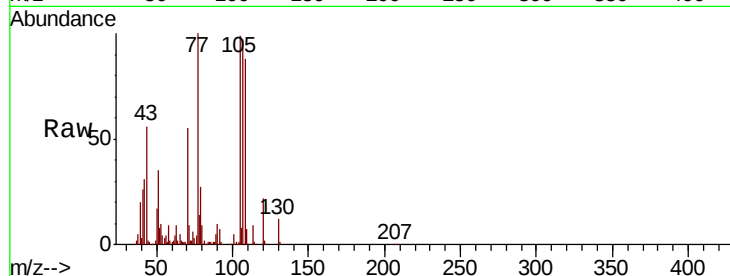




#19
n-Nitroso-di-n-propylamine
Concen: 36.876 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

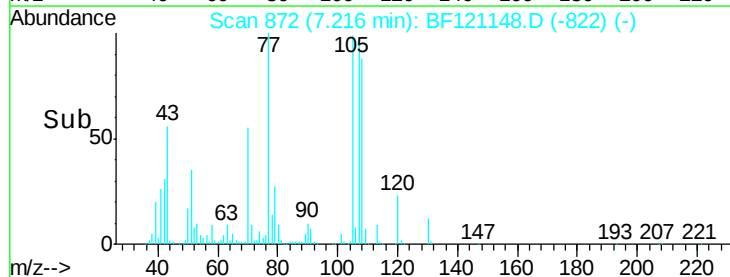
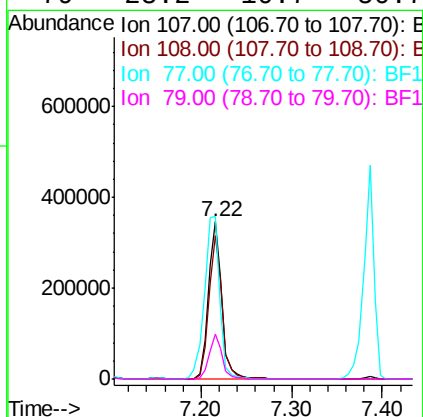
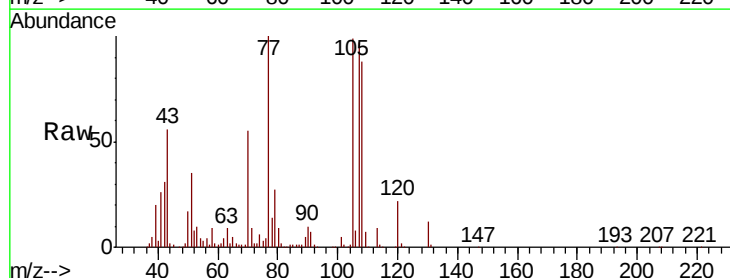
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

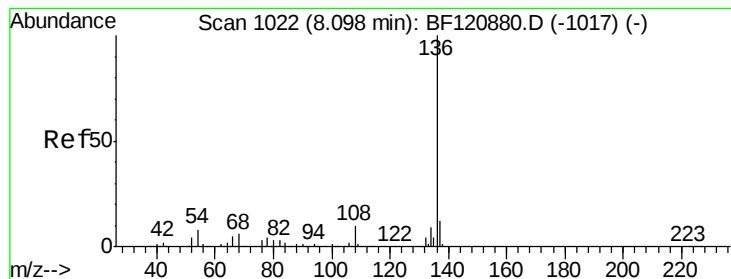
Tot Ion:	70	Resp:	223514
Ion	Ratio	Lower	Upper
70	100		
42	56.8	43.3	64.9
101	9.9	8.4	12.6
130	22.2	18.7	28.1



#20
3+4-Methylphenols
Concen: 35.334 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion:	107	Resp:	362147
Ion	Ratio	Lower	Upper
107	100		
108	91.1	73.7	113.7
77	103.4	84.9	124.9
79	28.2	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 500383

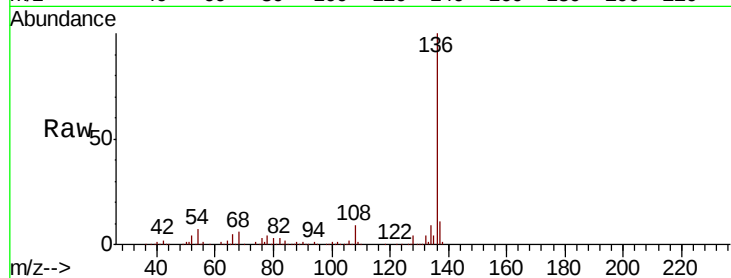
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.7 6.1 9.1

68 5.8 5.0 7.6

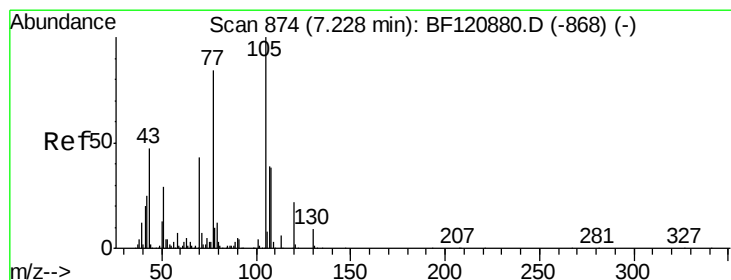
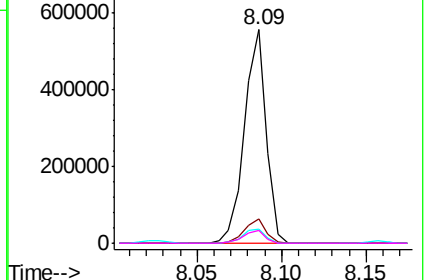
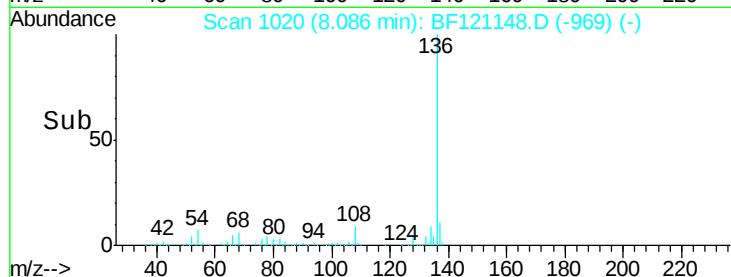


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.212 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Tgt Ion:105 Resp: 440358

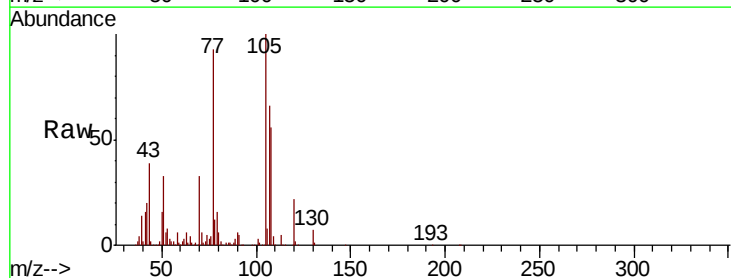
Ion Ratio Lower Upper

105 100

71 5.7 3.8 5.8

51 33.3 28.0 42.0

120 22.2 17.8 26.6

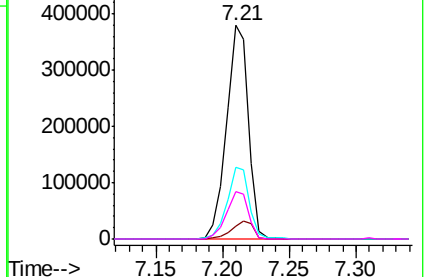
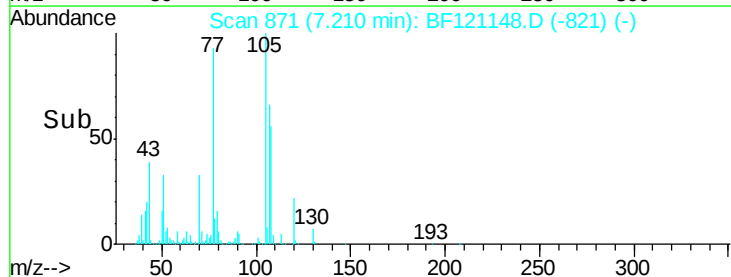


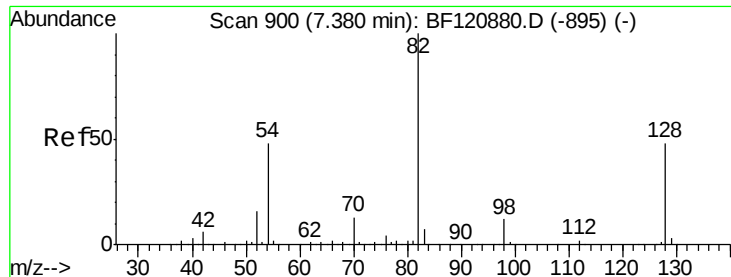
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

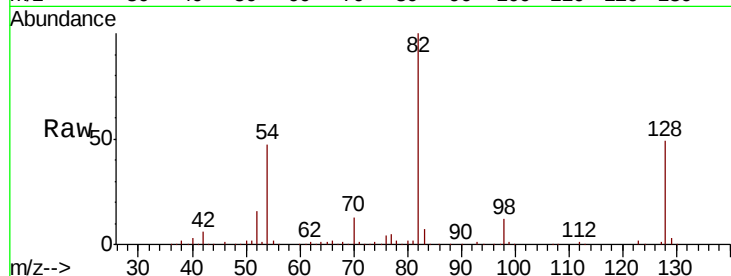




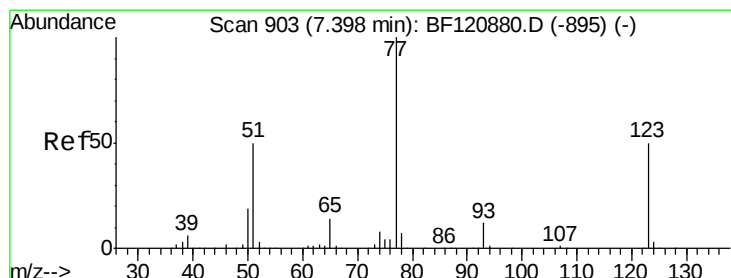
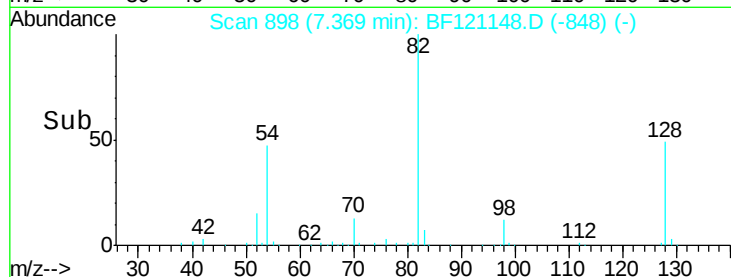
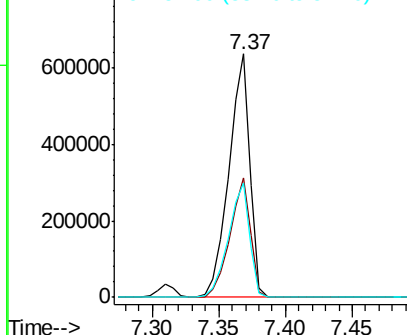
#23
Nitrobenzene-d5
Concen: 81.187 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 702083
Ion Ratio Lower Upper
82 100
128 49.0 39.2 58.8
54 46.8 37.8 56.8

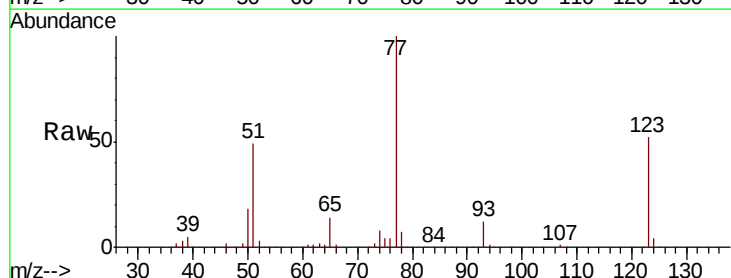


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

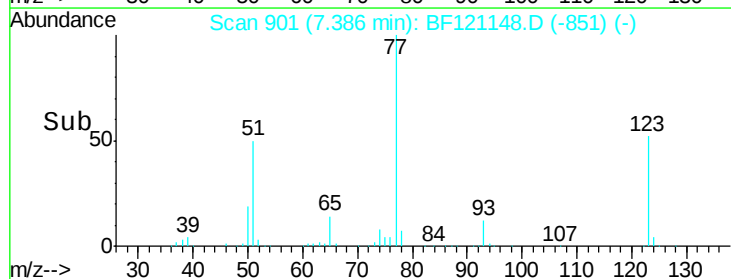
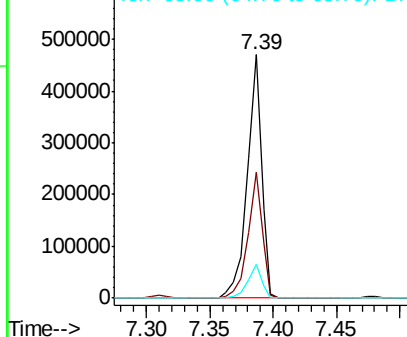


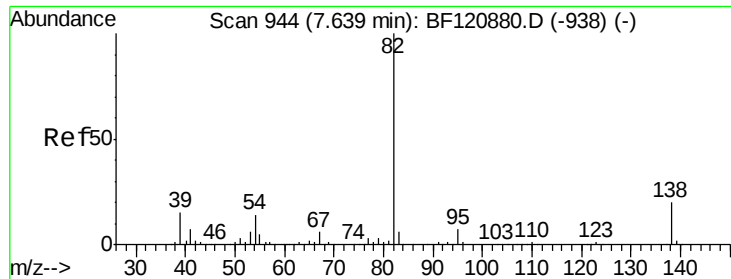
#24
Nitrobenzene
Concen: 39.821 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion: 77 Resp: 371156
Ion Ratio Lower Upper
77 100
123 51.7 41.0 61.6
65 13.6 10.3 15.5



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





#25

Isophorone

Concen: 39.502 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

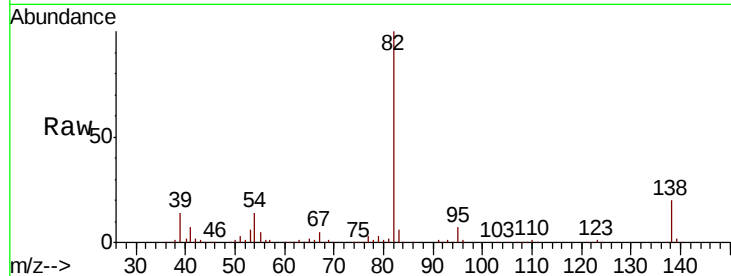
Tot Ion: 82 Resp: 681763

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

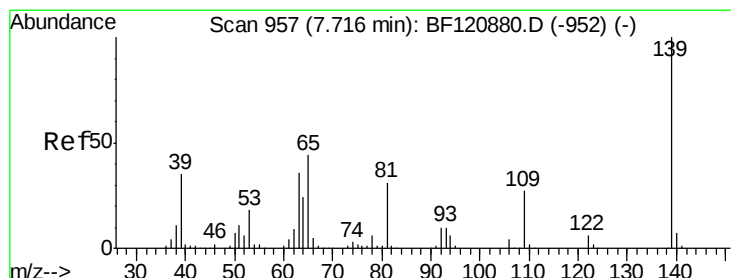
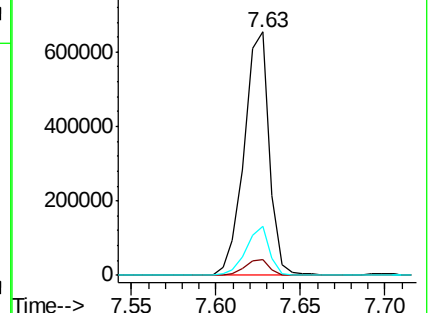
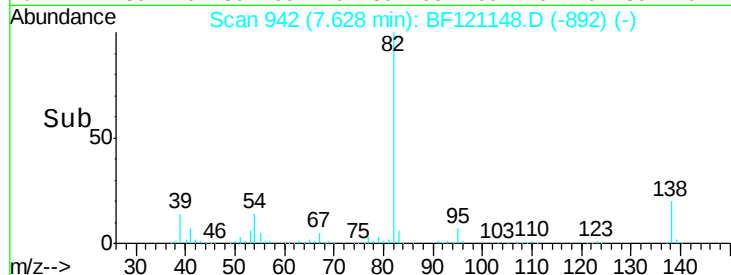
138 20.2 16.2 24.2



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: 45.011 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

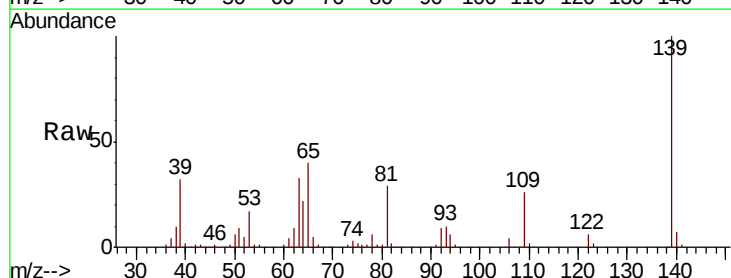
Tgt Ion: 139 Resp: 199248

Ion Ratio Lower Upper

139 100

109 25.7 21.7 32.5

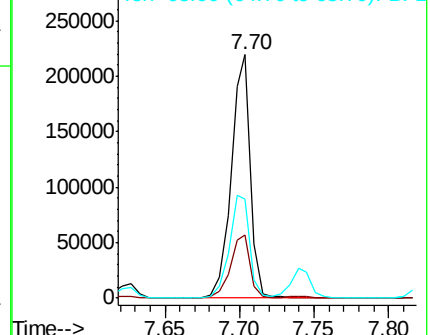
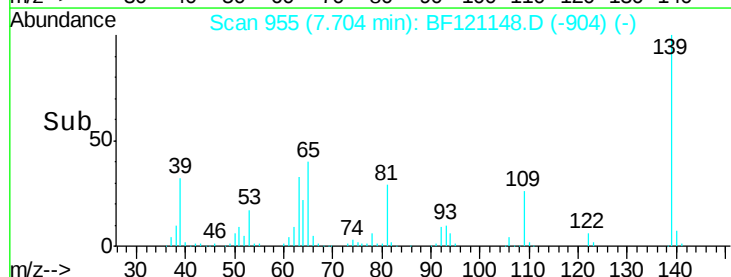
65 40.5 36.3 54.5

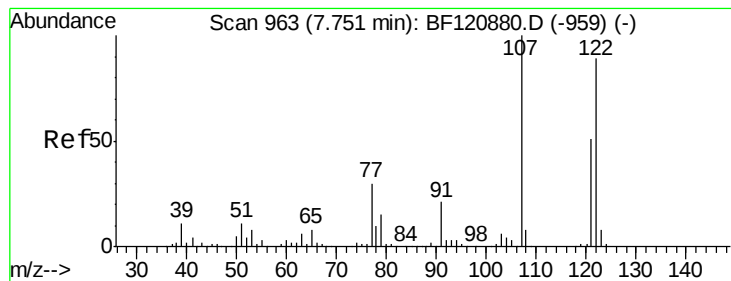


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.373 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

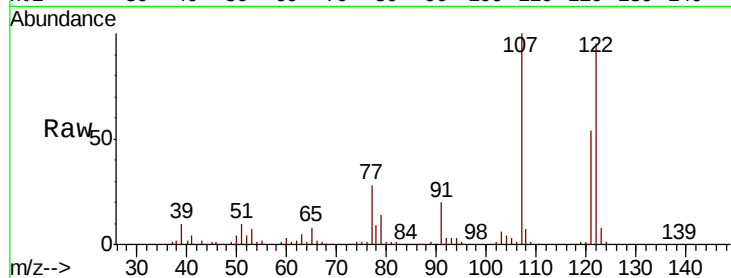
Tot Ion:122 Resp: 290164

Ion Ratio Lower Upper

122 100

107 105.3 87.1 130.7

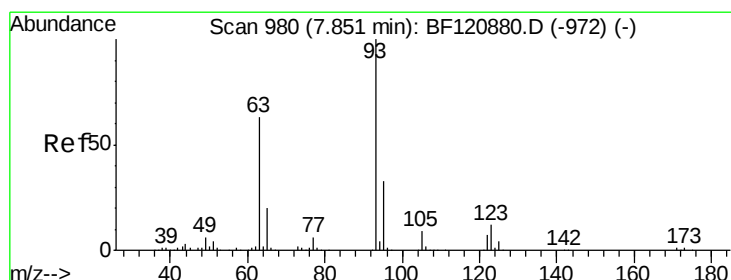
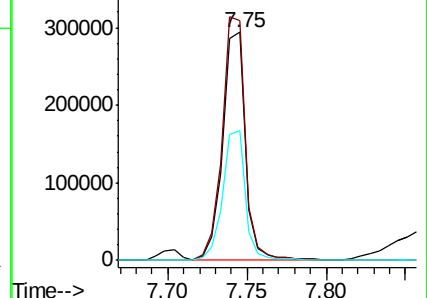
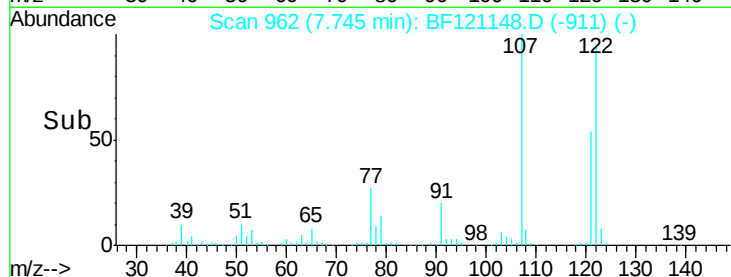
121 57.0 45.5 68.3



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: 40.786 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

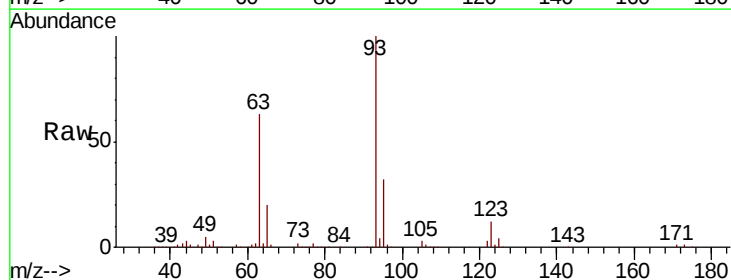
Tgt Ion: 93 Resp: 429687

Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.4

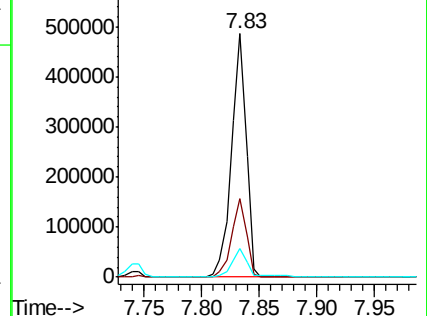
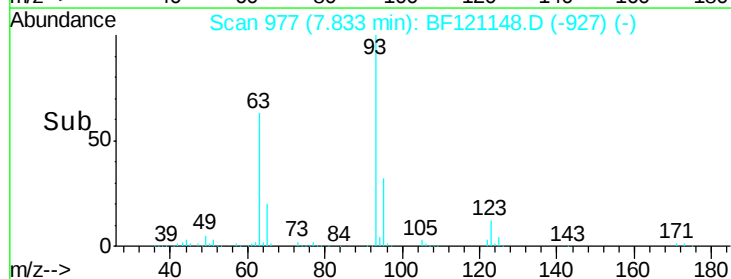
123 11.7 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

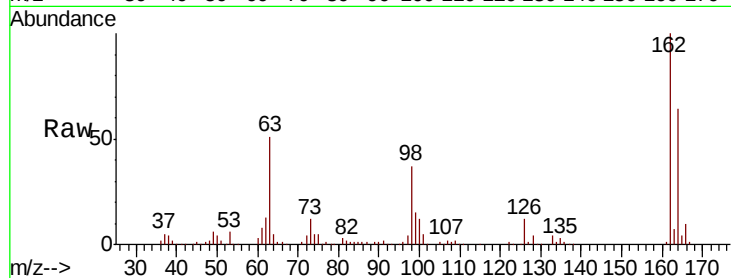




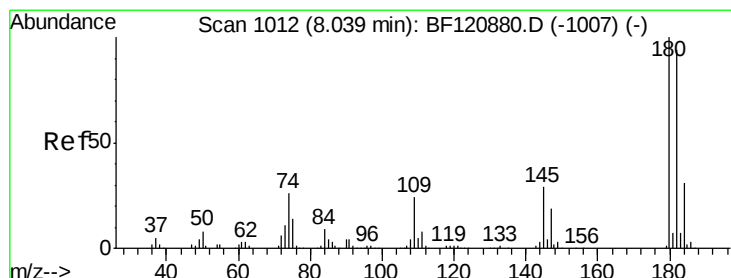
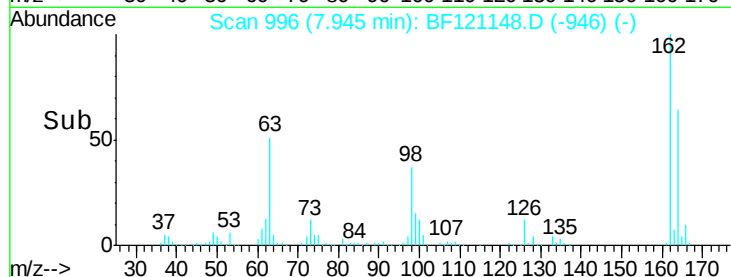
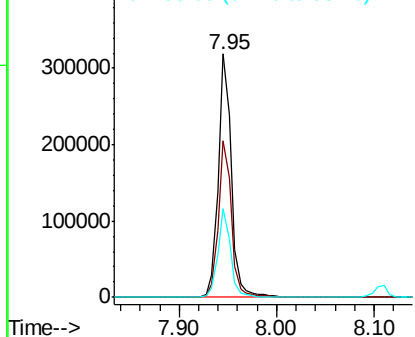
#29
2,4-Dichlorophenol
Concen: 40.384 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.7	84.7
98	36.6	14.2	54.2

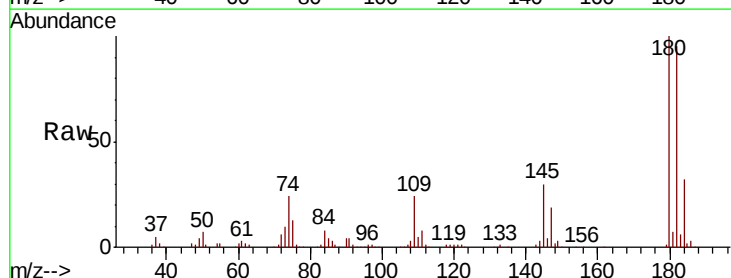


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

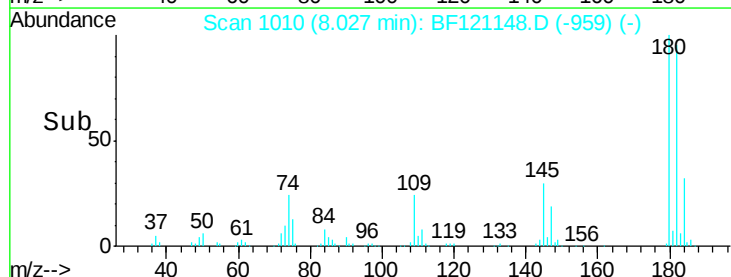
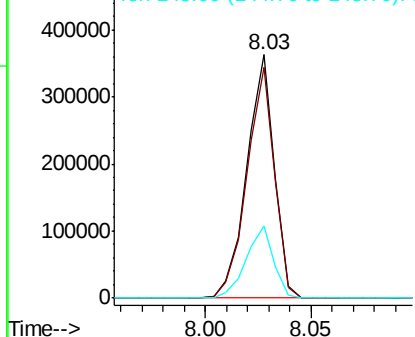


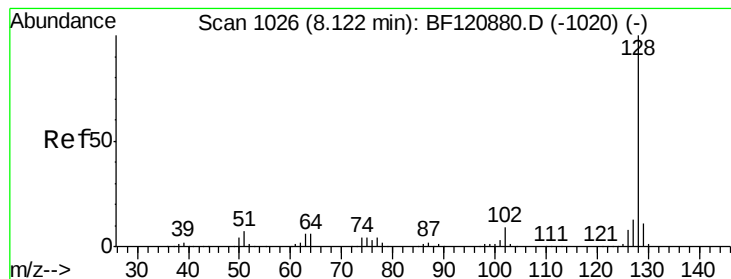
#30
1,2,4-Trichlorobenzene
Concen: 40.269 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.4	114.6
145	29.9	24.2	36.4



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: 39.421 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

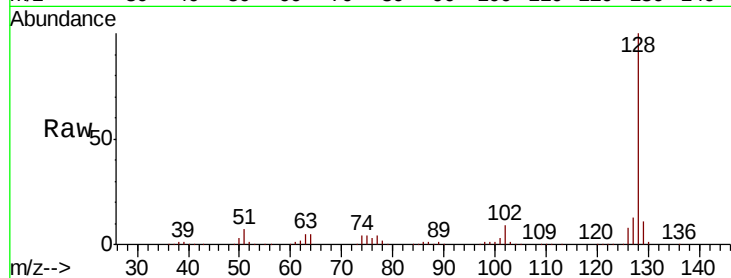
Tot Ion:128 Resp: 1011833

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

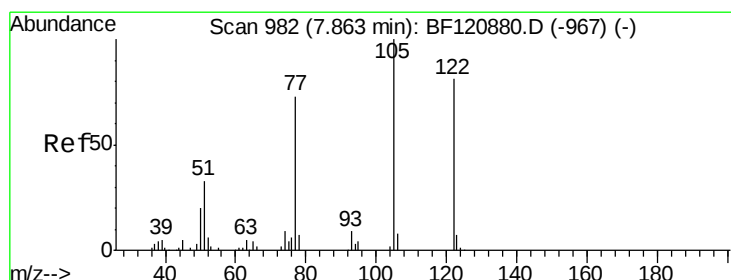
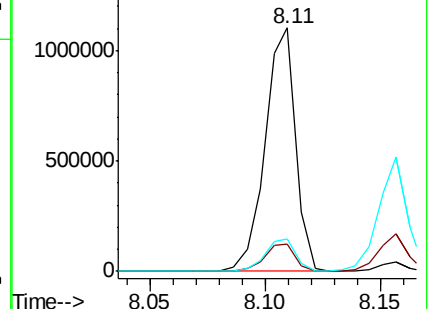
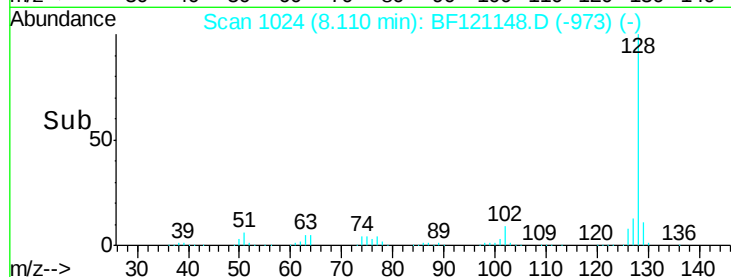
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 19.929 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

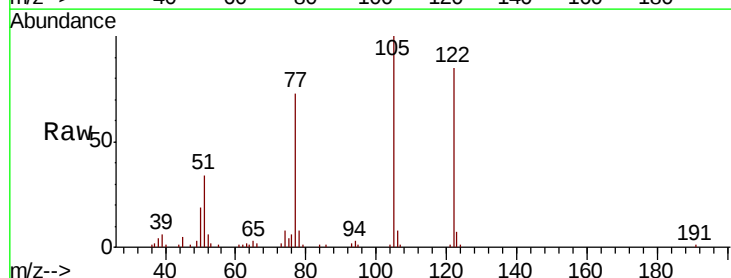
Tgt Ion:122 Resp: 107521

Ion Ratio Lower Upper

122 100

105 117.7 100.9 140.9

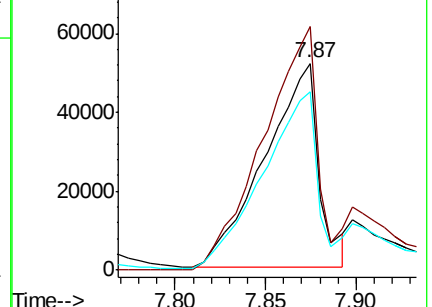
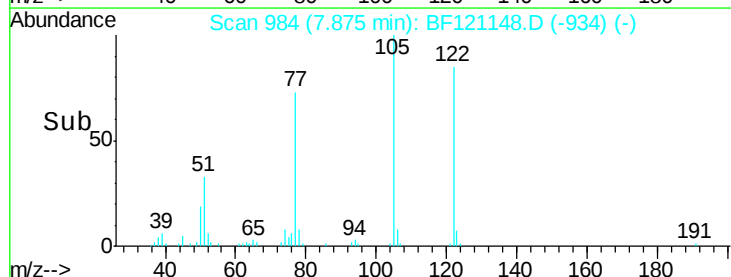
77 86.5 67.8 107.8

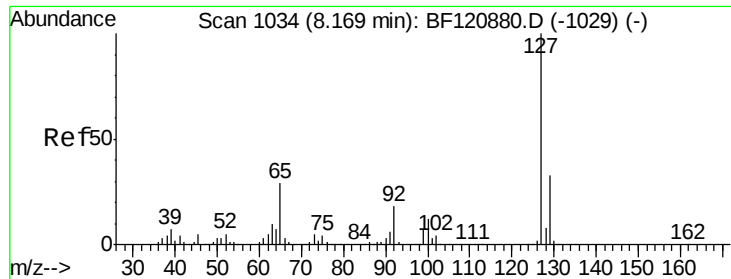


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

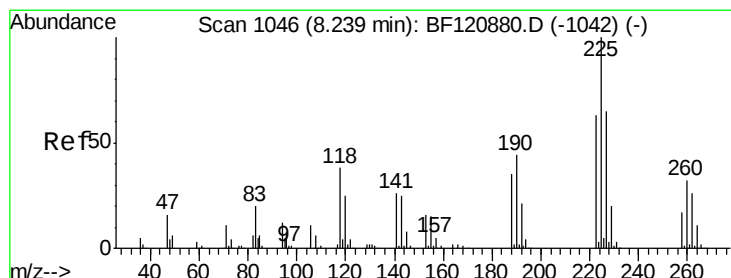
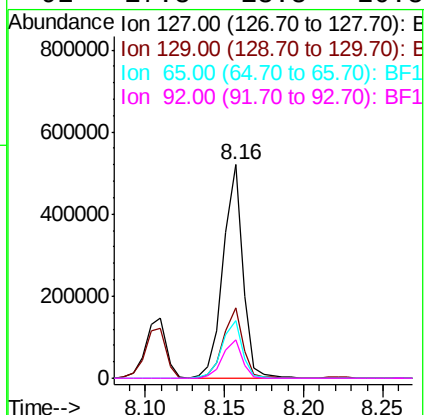
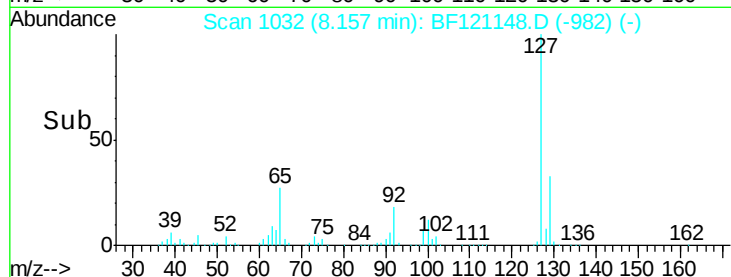
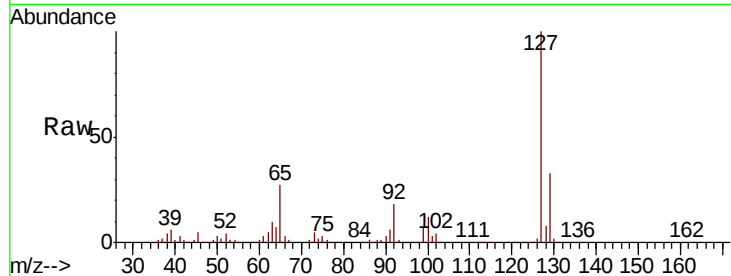




#33
4-Chloroaniline
Concen: 39.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

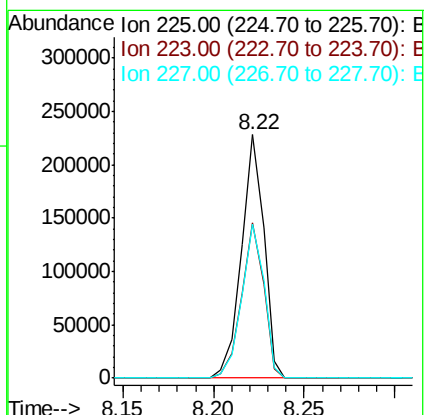
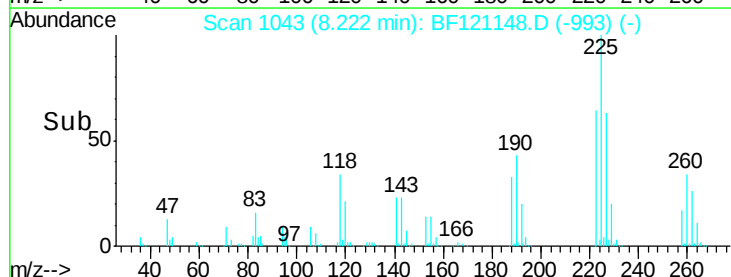
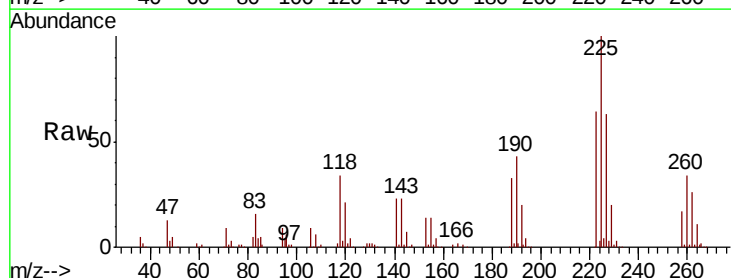
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

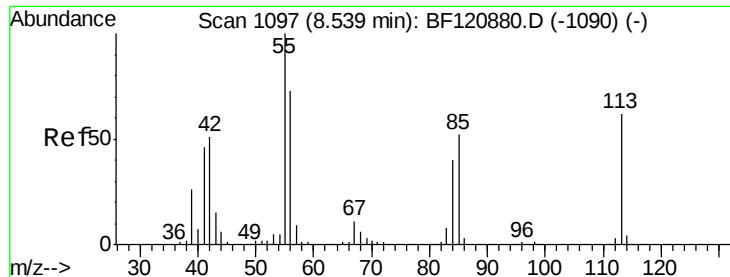
Tot Ion:	127	Resp:	446556
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.2	39.2
65	27.1	21.4	32.0
92	17.8	13.8	20.8



#34
Hexachlorobutadiene
Concen: 40.827 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion:	225	Resp:	196105
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.7	74.5
227	63.1	51.4	77.0

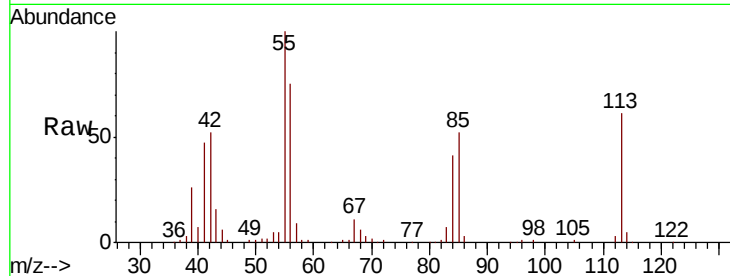




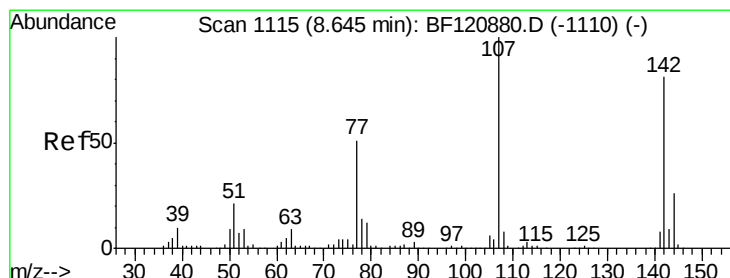
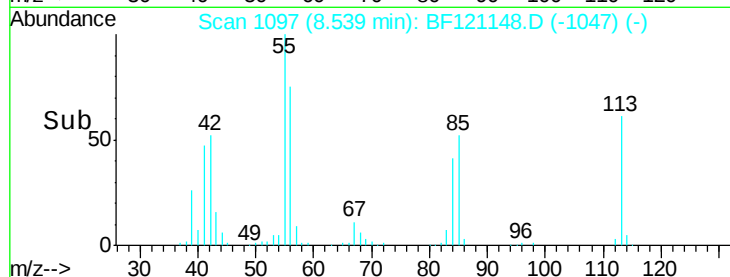
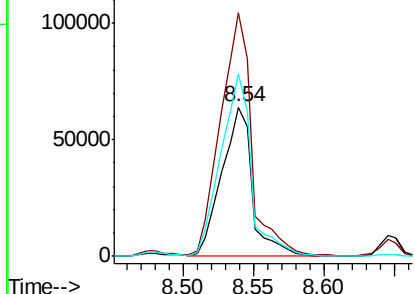
#35
Caprolactam
Concen: 41.137 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 96883
Ion Ratio Lower Upper
113 100
55 162.8 131.0 171.0
56 121.6 90.4 130.4

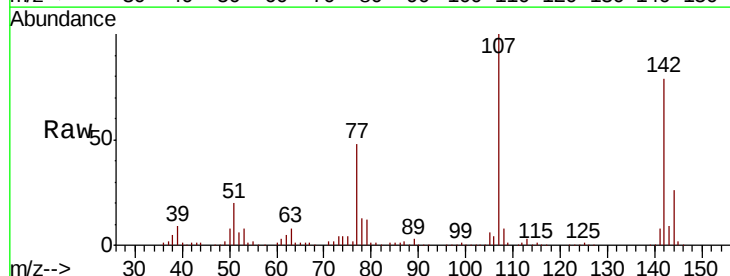


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

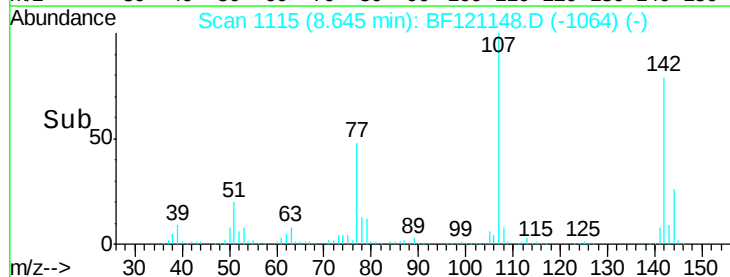
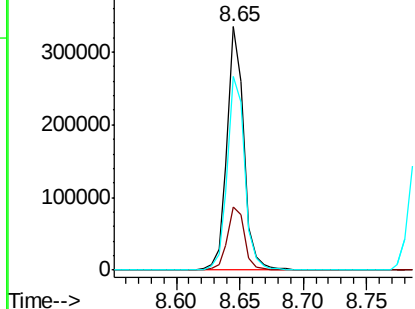


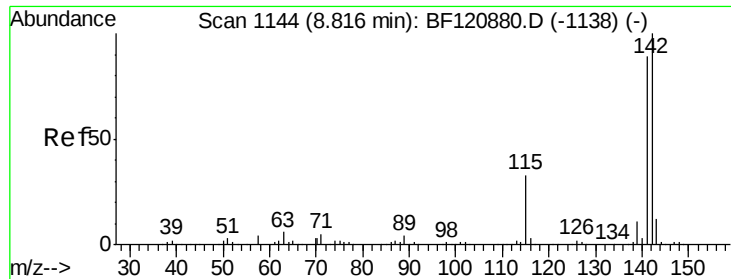
#36
4-Chloro-3-methylphenol
Concen: 40.838 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion:107 Resp: 307601
Ion Ratio Lower Upper
107 100
144 26.0 20.9 31.3
142 79.3 64.5 96.7



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

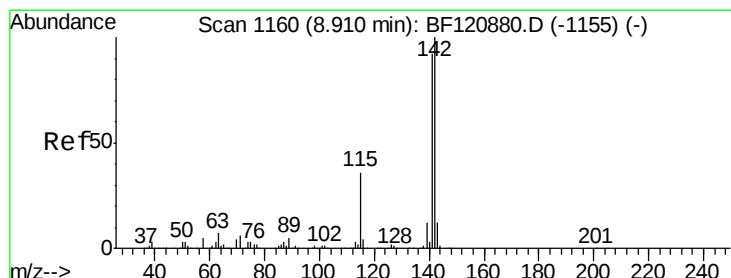
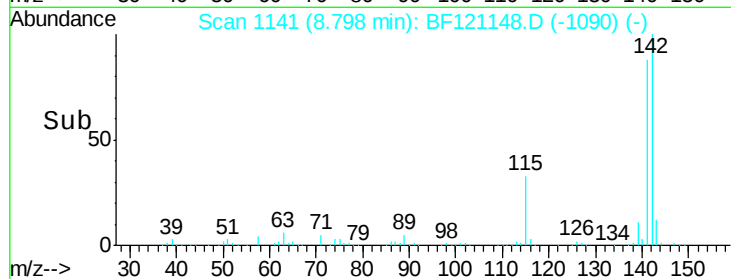
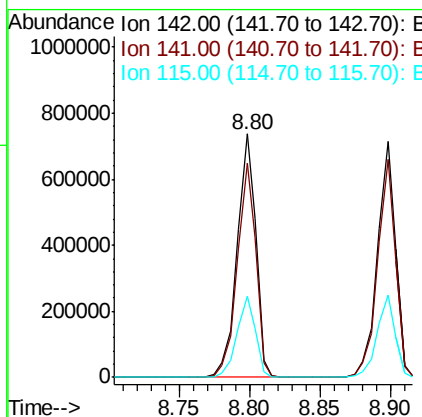
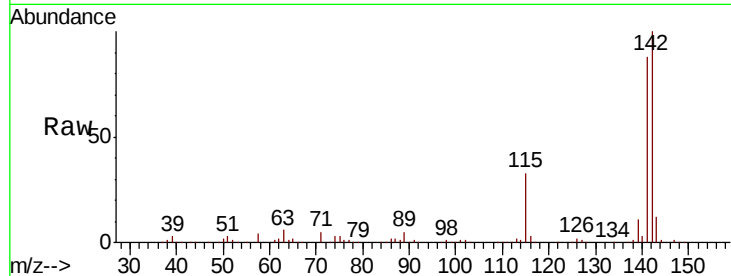




#37
 2-Methylnaphthalene
 Concen: 40.758 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

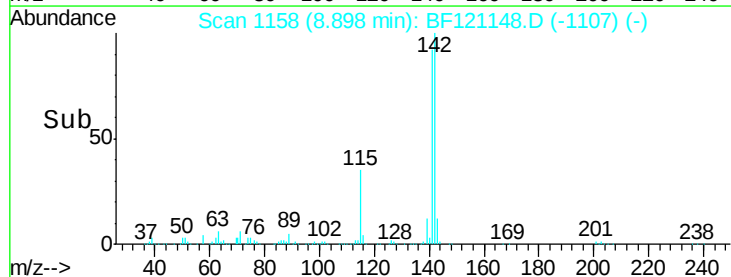
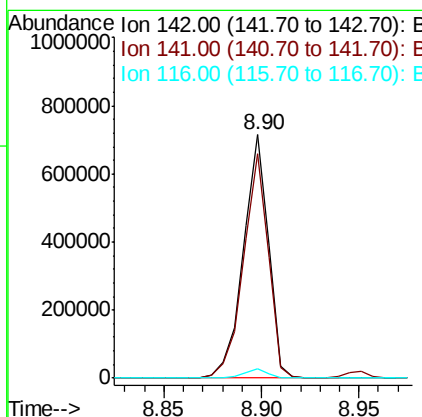
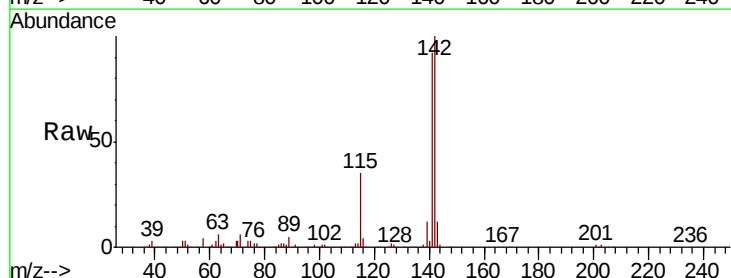
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

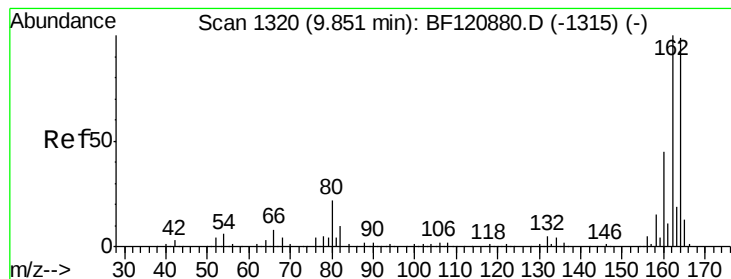
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.6	105.8
115	33.1	27.1	40.7



#38
 1-Methylnaphthalene
 Concen: 40.373 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.0	109.6
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

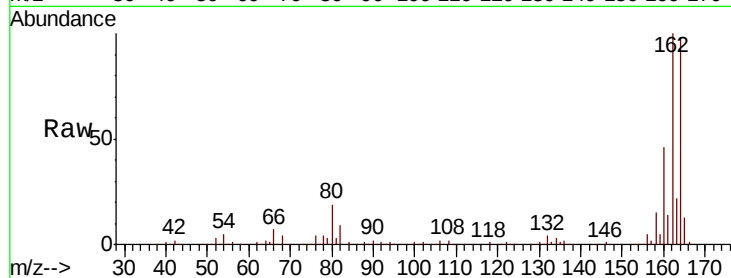
Tot Ion:164 Resp: 262824

Ion Ratio Lower Upper

164 100

162 102.0 82.2 123.2

160 46.7 37.2 55.8

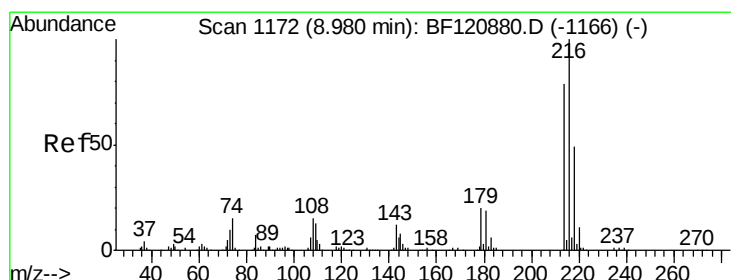
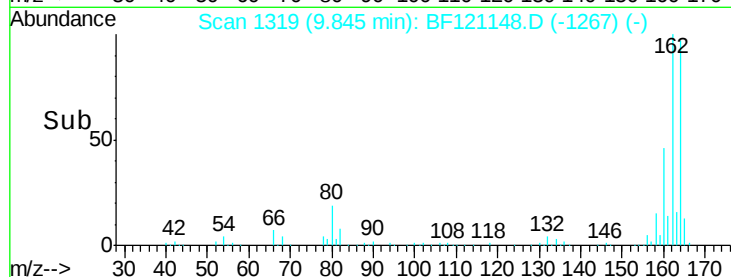
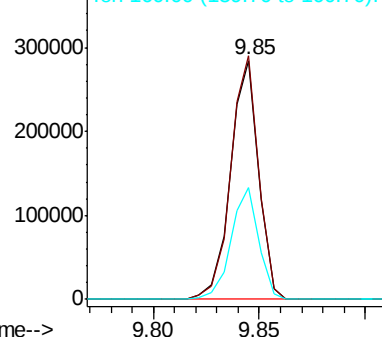


Abundance

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: 41.405 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Tgt Ion:216 Resp: 317063

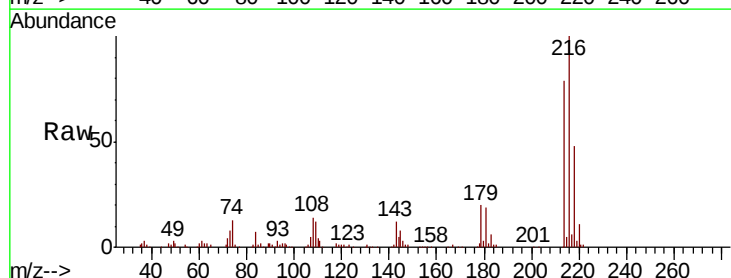
Ion Ratio Lower Upper

216 100

214 79.7 63.9 95.9

179 20.5 16.6 24.8

108 17.9 15.0 22.4



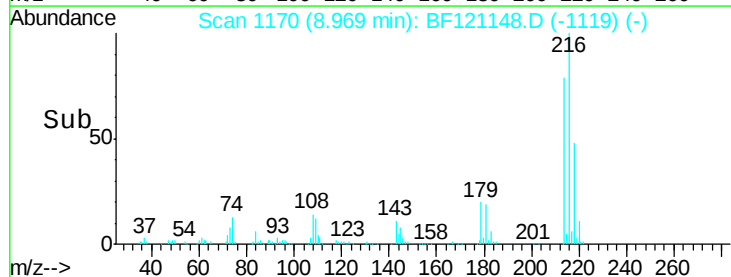
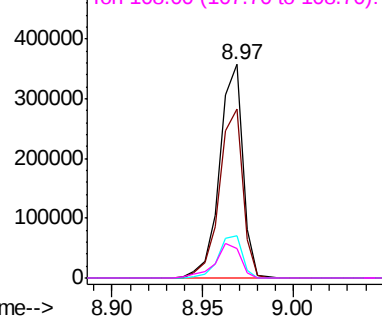
Abundance

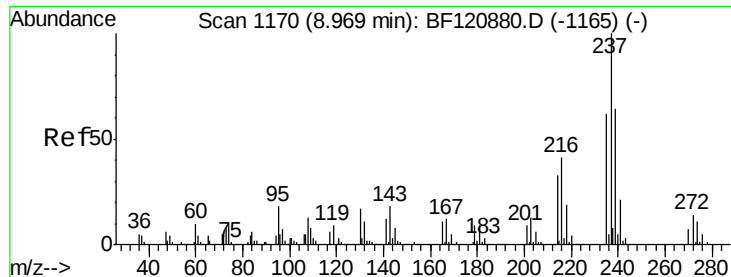
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 31.726 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

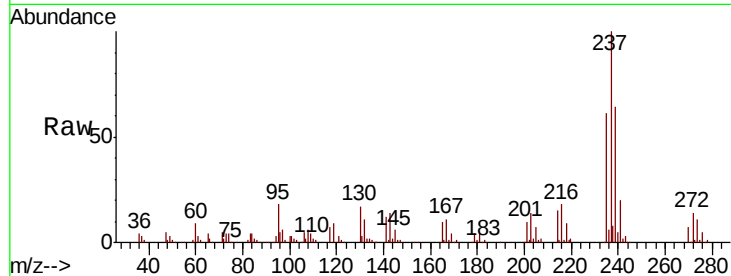
Tot Ion:237 Resp: 134272

Ion Ratio Lower Upper

237 100

235 61.4 43.2 83.2

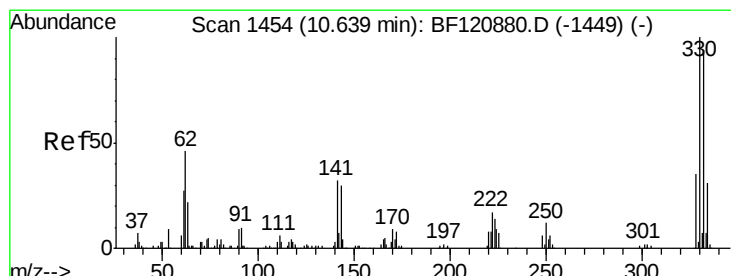
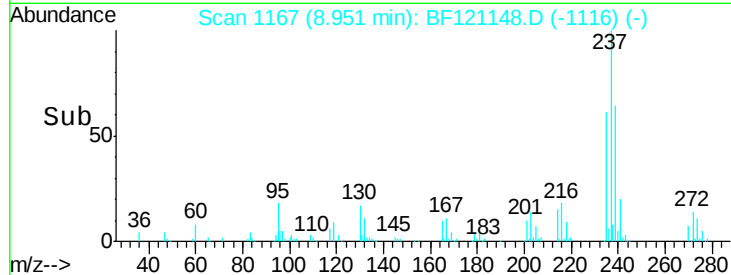
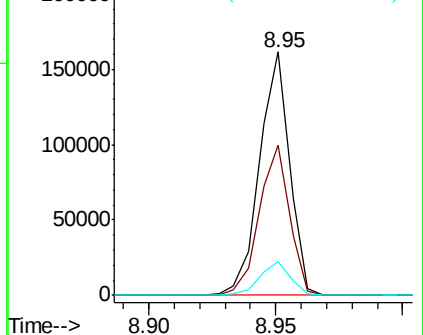
272 13.7 0.0 33.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 82.250 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

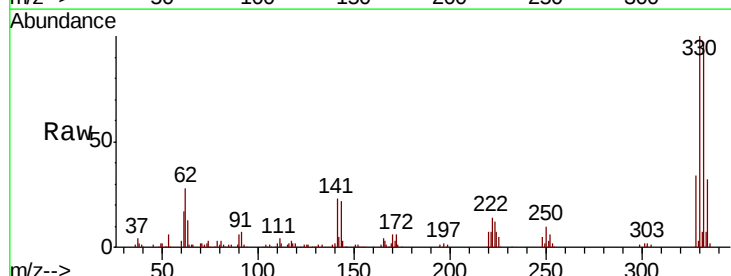
Tgt Ion:330 Resp: 236622

Ion Ratio Lower Upper

330 100

332 96.1 76.1 114.1

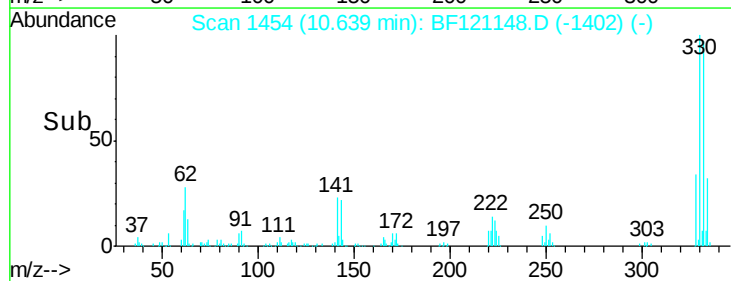
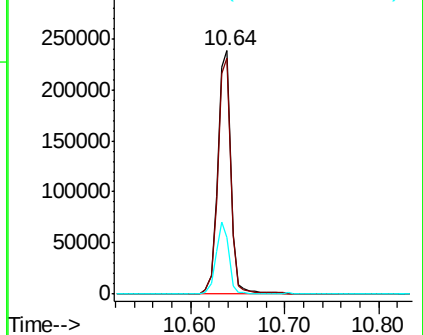
141 29.5 24.1 36.1



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

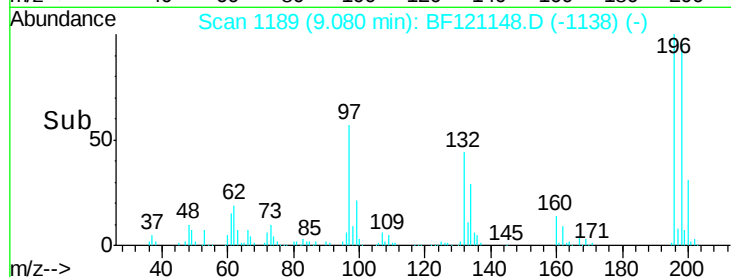
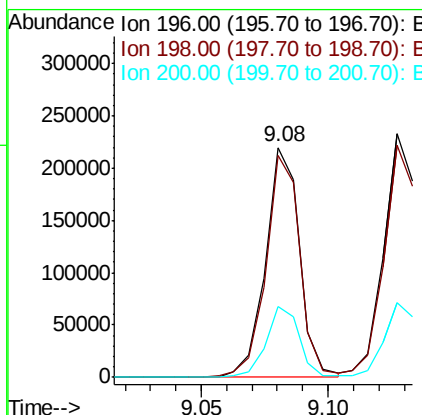
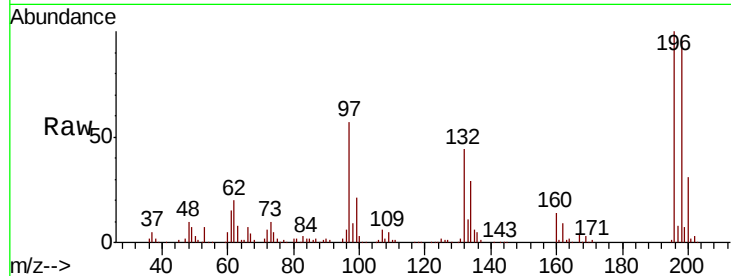




#43
 2,4,6-Trichlorophenol
 Concen: 38.393 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

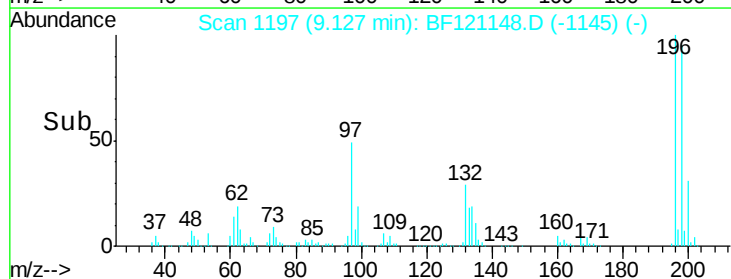
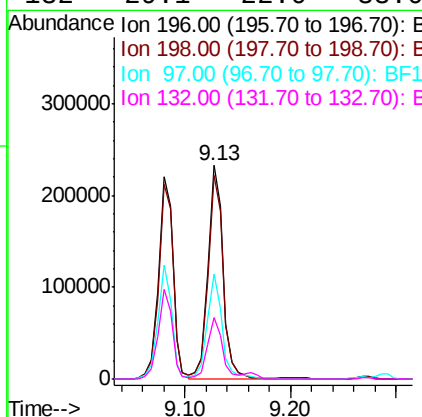
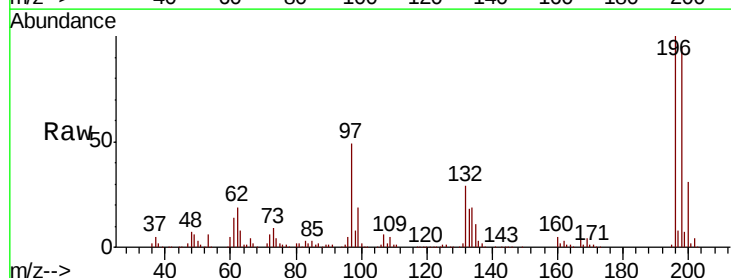
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

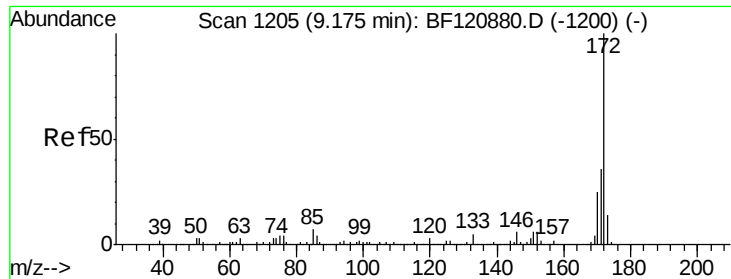
Tot Ion:196 Resp: 207001
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.5 116.3
 200 30.7 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 38.251 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Tgt Ion:196 Resp: 233940
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.2 114.4
 97 49.2 37.3 55.9
 132 29.1 22.0 33.0

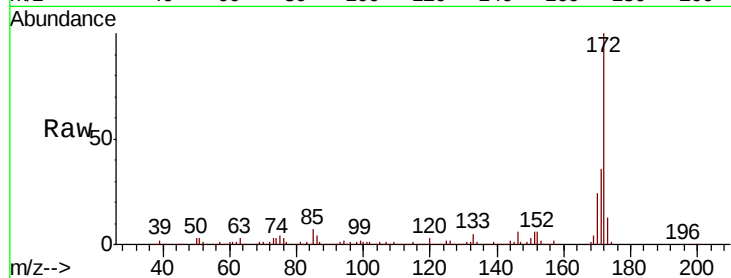




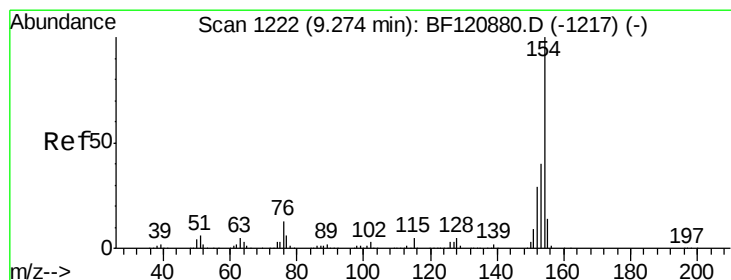
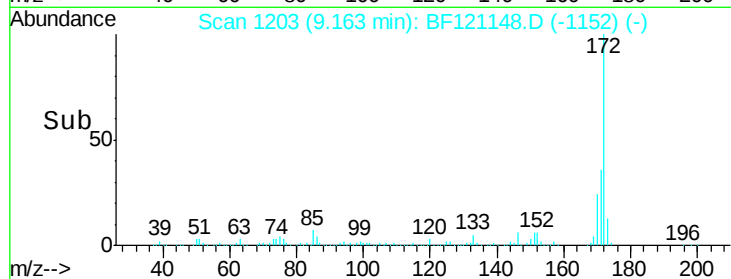
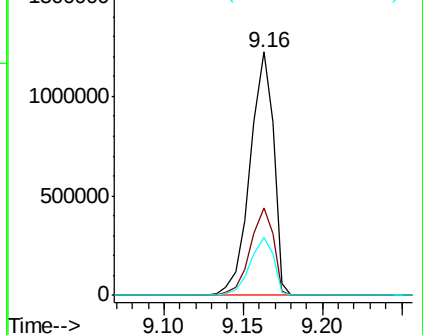
#45
 2-Fluorobiphenyl
 Concen: 71.545 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 1259429
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.4
 170 24.0 19.6 29.4

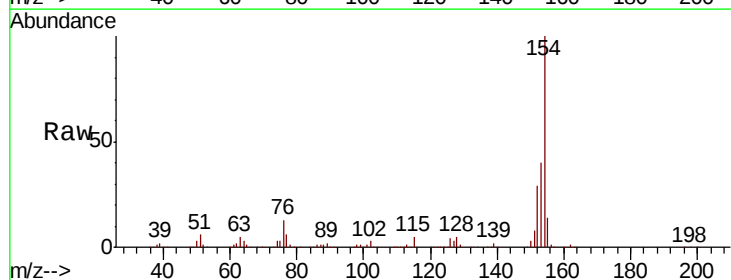


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

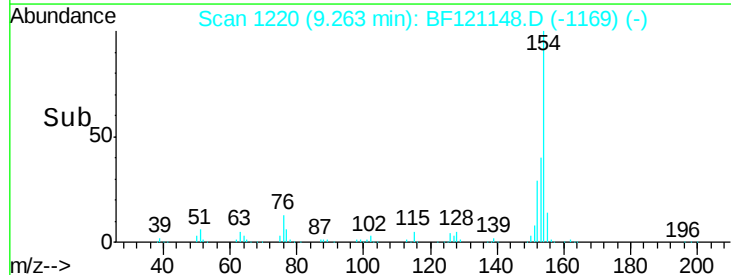
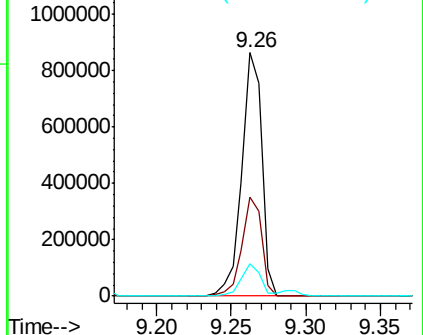


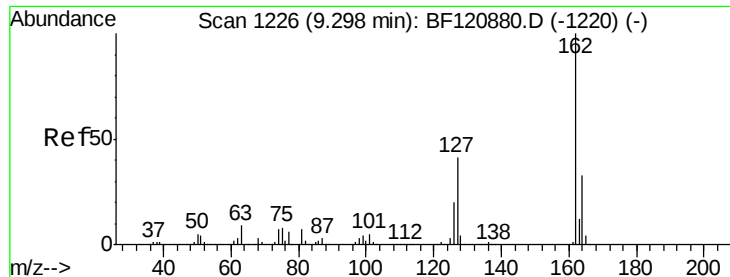
#46
 1,1'-Biphenyl
 Concen: 40.350 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Tgt Ion:154 Resp: 808950
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.6 60.6
 76 13.3 0.0 33.4



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

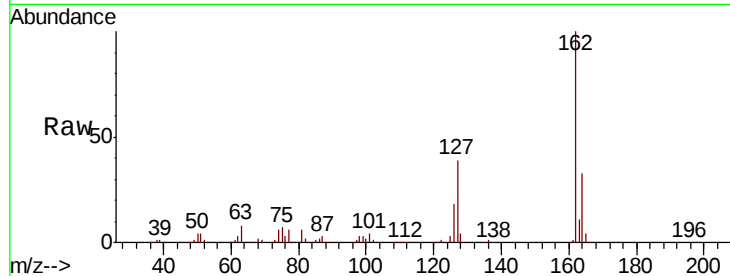




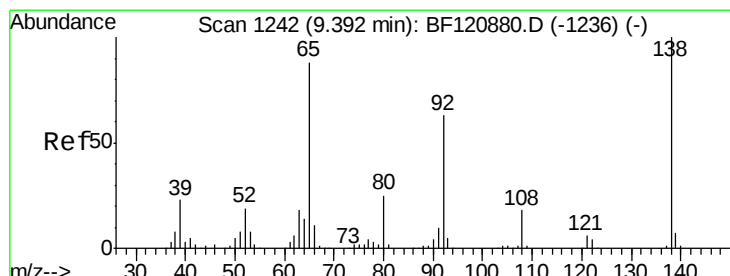
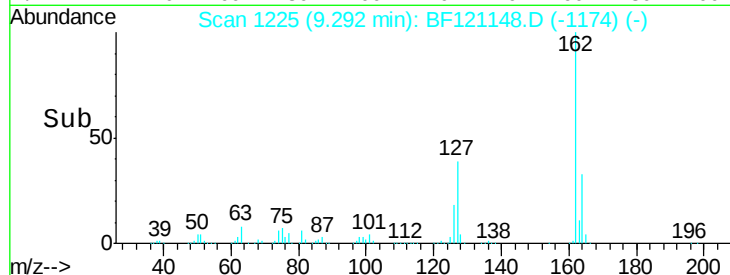
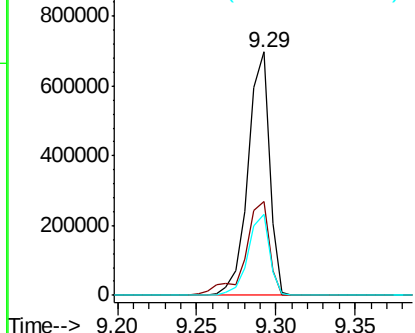
#47
 2-Chloronaphthalene
 Concen: 40.021 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	654156
Ion Ratio	Lower	Upper	
162	100		
127	38.7	31.1	46.7
164	33.5	26.6	40.0

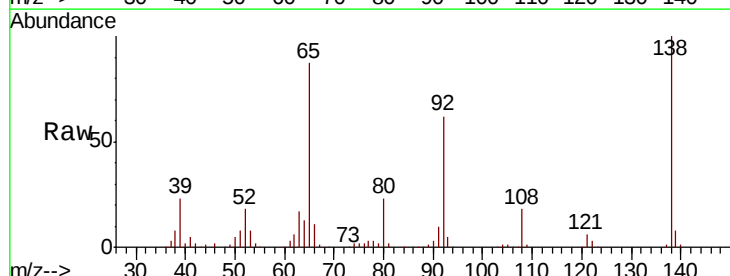


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

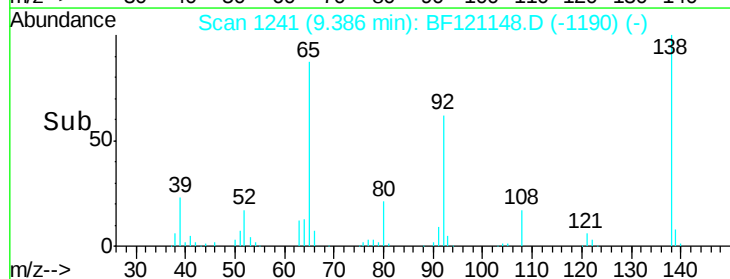
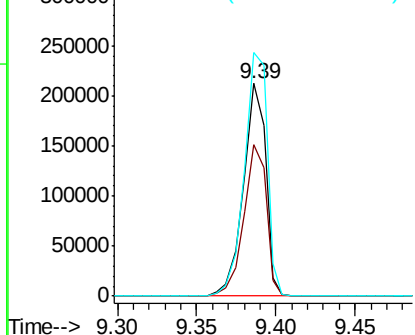


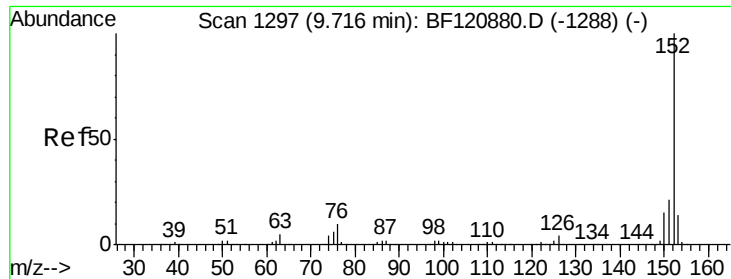
#48
 2-Nitroaniline
 Concen: 42.004 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Tgt Ion:	65	Resp:	207484
Ion Ratio	Lower	Upper	
65	100		
92	71.1	58.0	87.0
138	114.5	93.3	139.9



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





#49

Acenaphthylene

Concen: 39.902 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

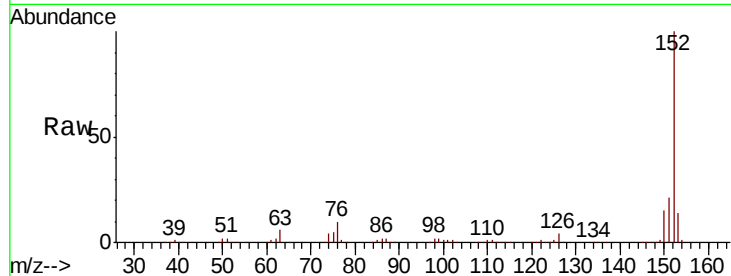
Tot Ion:152 Resp: 1013218

Ion Ratio Lower Upper

152 100

151 20.5 16.6 25.0

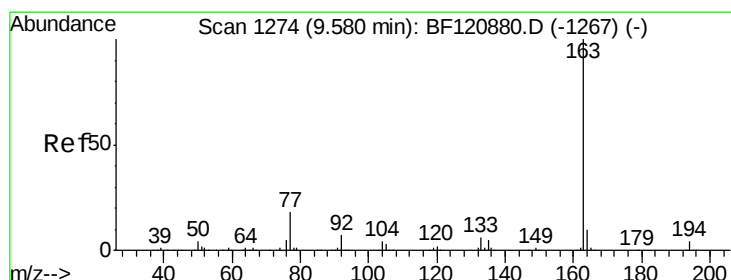
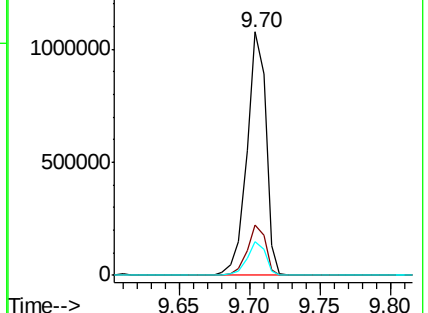
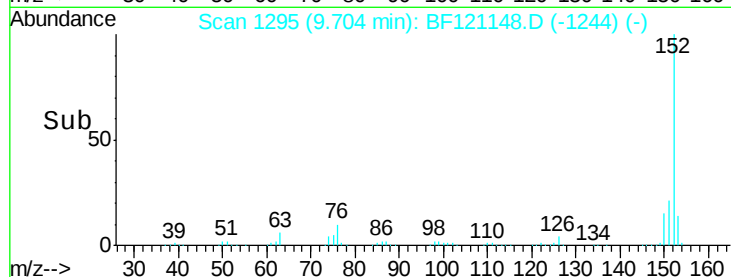
153 13.7 11.0 16.4



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: 41.018 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

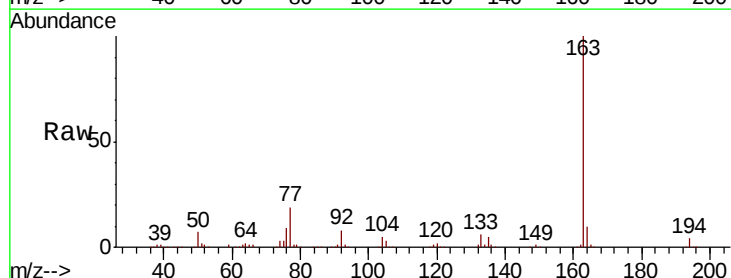
Tgt Ion:163 Resp: 777755

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

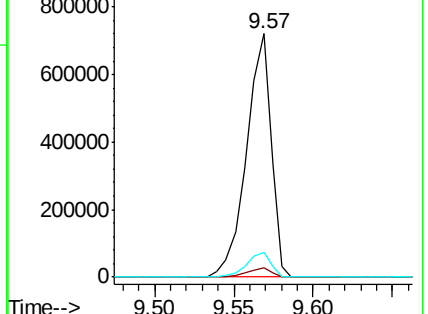
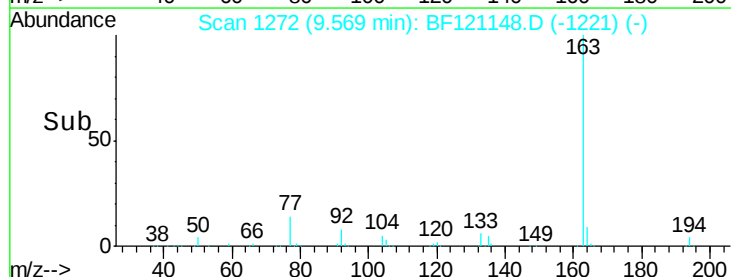
164 10.1 8.4 12.6

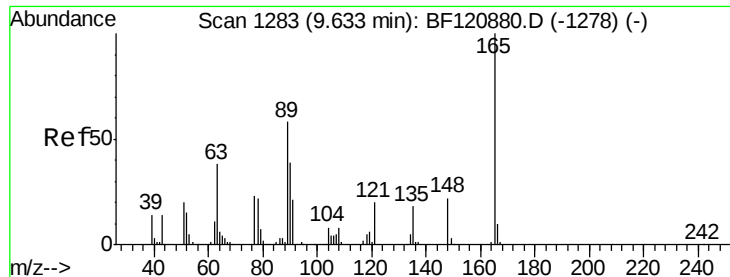


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

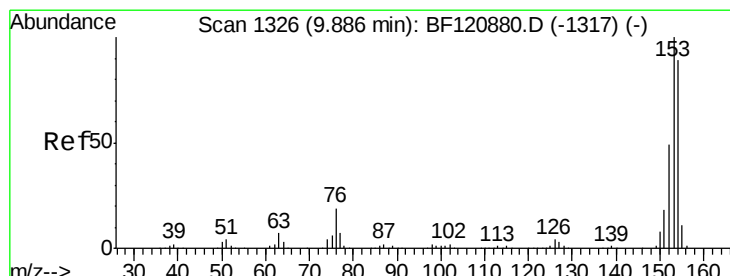
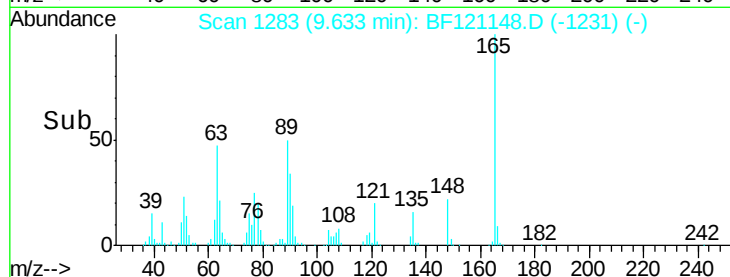
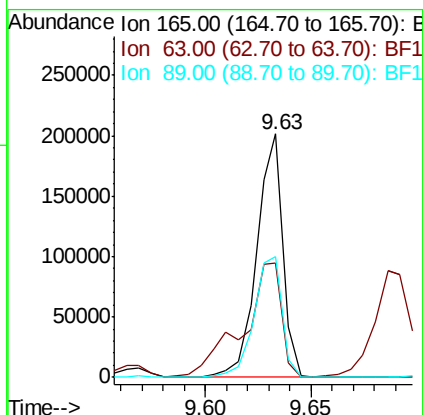
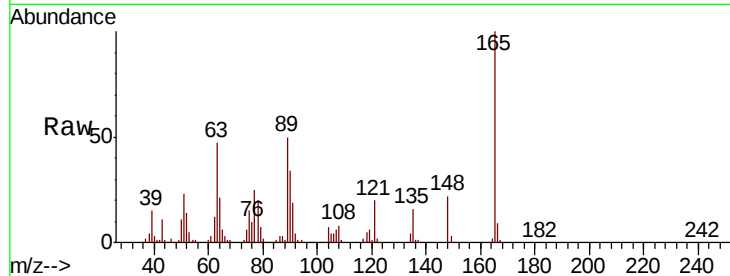




#51
2,6-Dinitrotoluene
Concen: 42.438 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

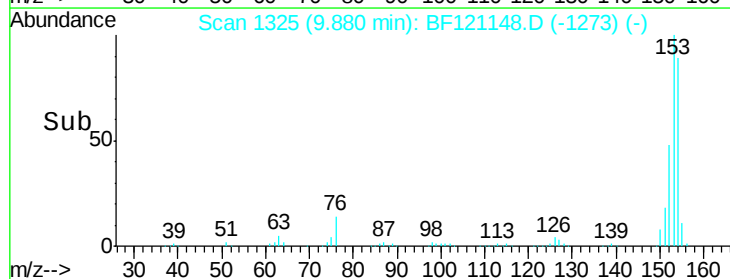
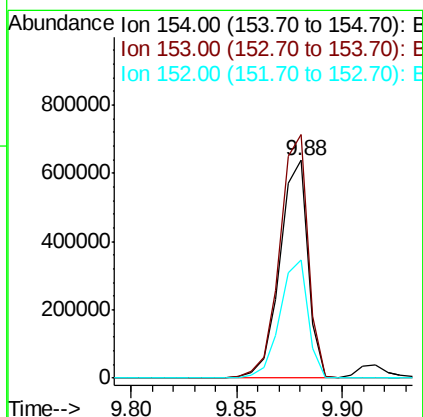
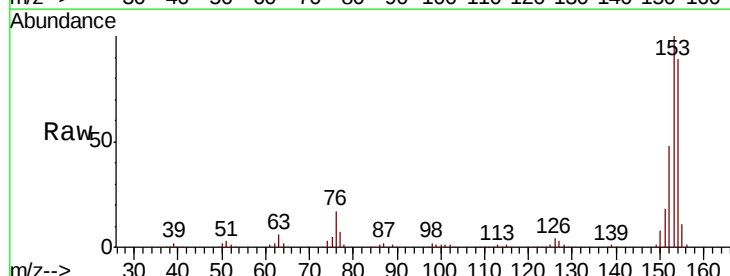
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

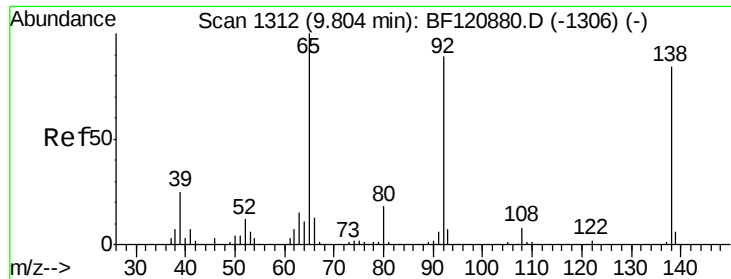
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.2	41.1	61.7
89	49.8	43.5	65.3



#52
Acenaphthene
Concen: 36.808 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.6	134.4
152	54.1	43.8	65.6

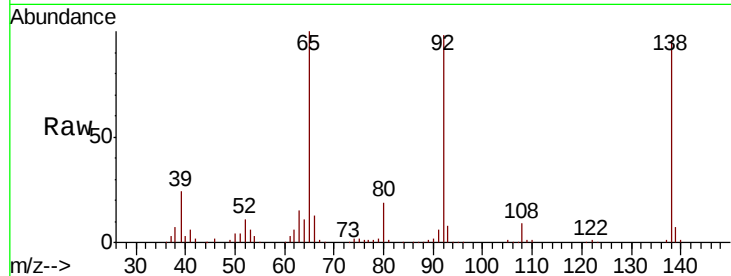




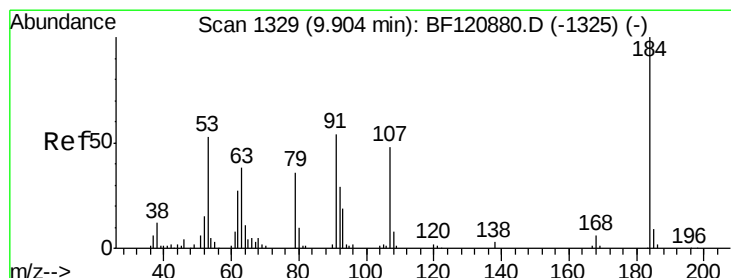
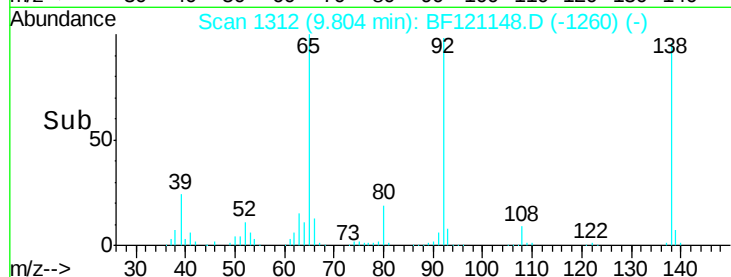
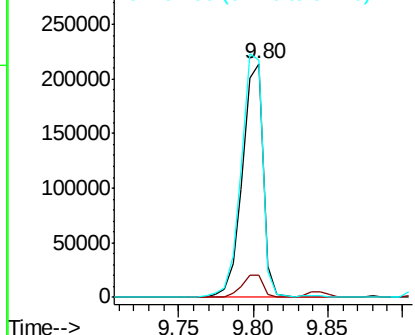
#53
3-Nitroaniline
Concen: 40.762 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 208256
Ion Ratio Lower Upper
138 100
108 9.4 7.8 11.8
92 101.3 85.0 127.4

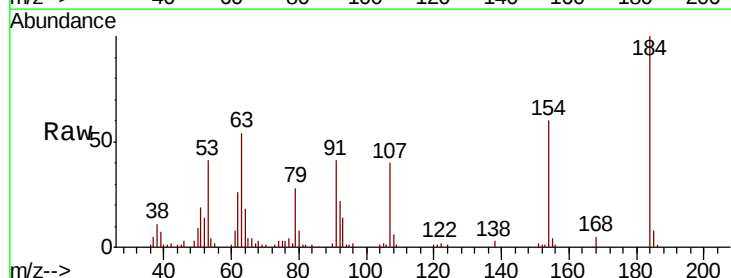


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

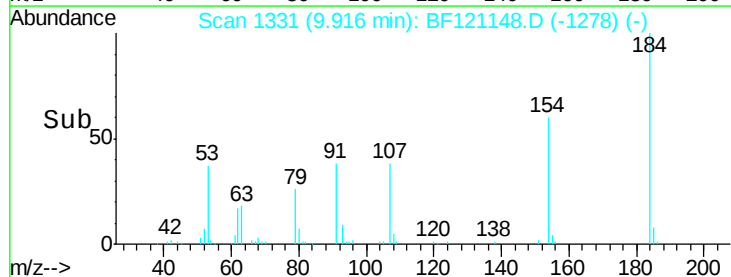
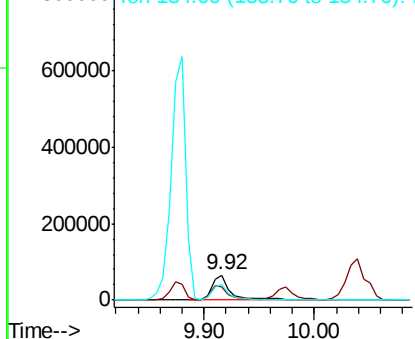


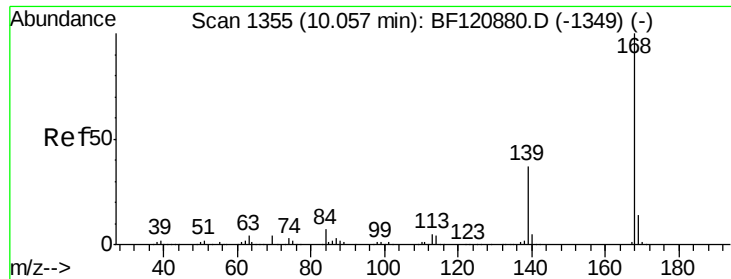
#54
2,4-Dinitrophenol
Concen: 36.721 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion:184 Resp: 76625
Ion Ratio Lower Upper
184 100
63 54.3 42.5 63.7
154 60.5 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

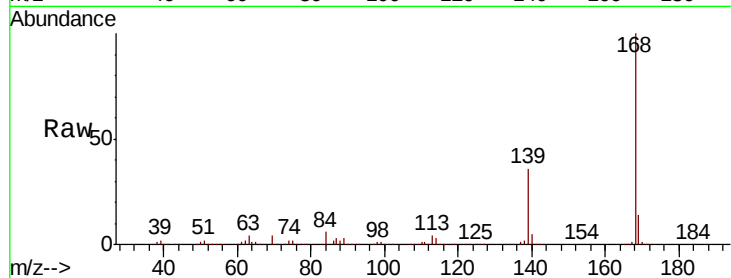




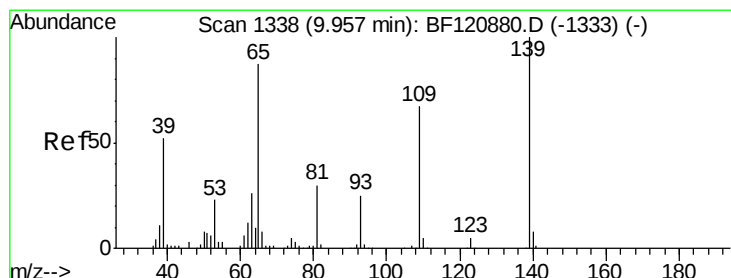
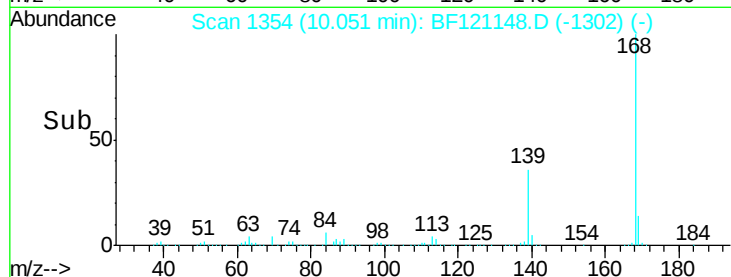
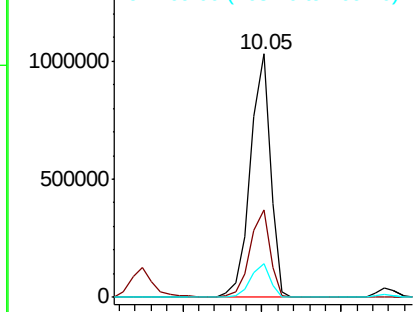
#55
Dibenzofuran
Concen: 38.632 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 901901
Ion Ratio Lower Upper
168 100
139 35.8 30.1 45.1
169 13.7 11.3 16.9

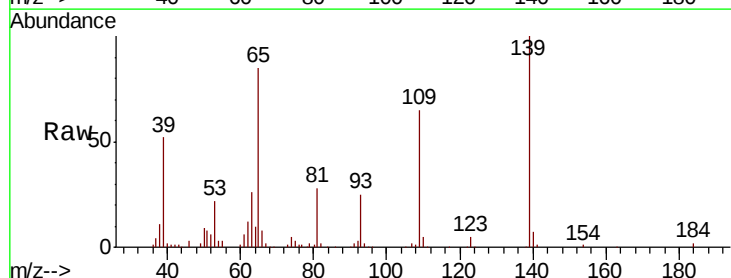


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

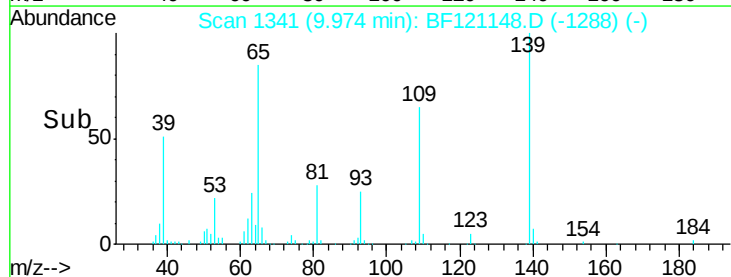
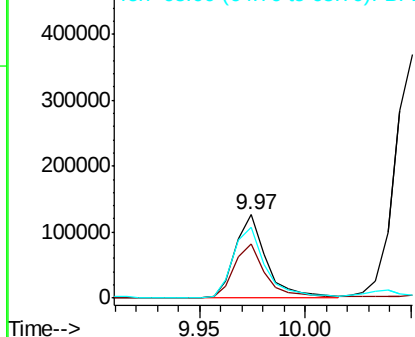


#56
4-Nitrophenol
Concen: 33.702 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion:139 Resp: 130795
Ion Ratio Lower Upper
139 100
109 64.9 44.8 84.8
65 85.3 65.6 105.6



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

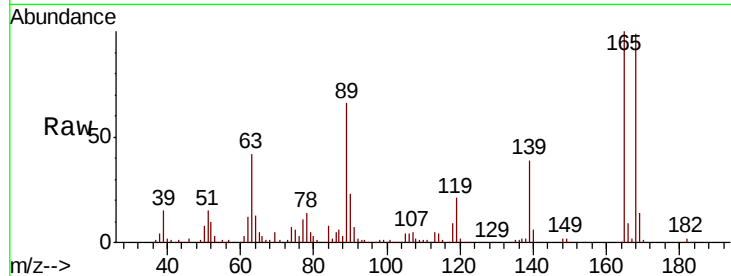




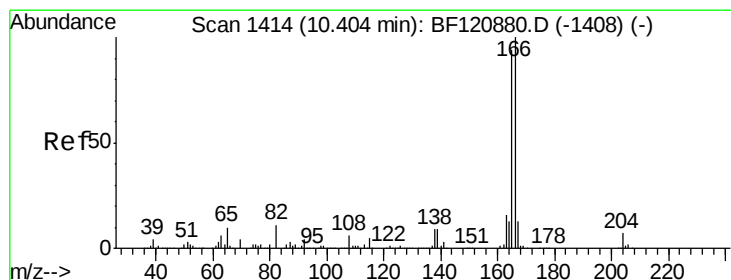
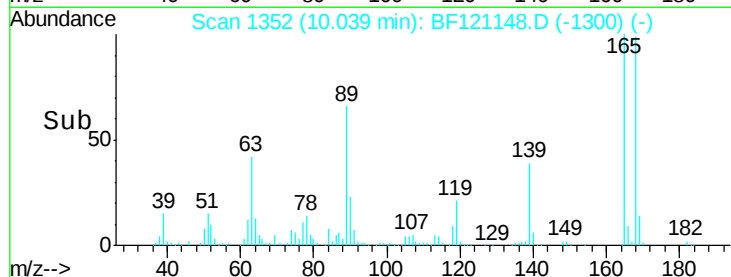
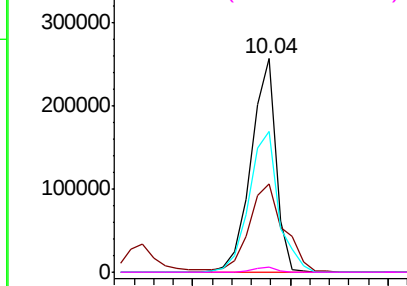
#57
 2,4-Dinitrotoluene
 Concen: 42.460 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.01 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165	Resp:	227138
Ion Ratio	Lower	Upper
165	100	
63	41.6	29.8 44.8
89	66.1	50.3 75.5
182	2.5	2.1 3.1

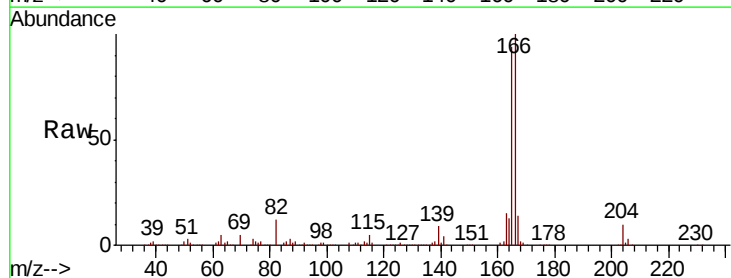


Abundance Ion 165.00 (164.70 to 165.70): E
 400000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

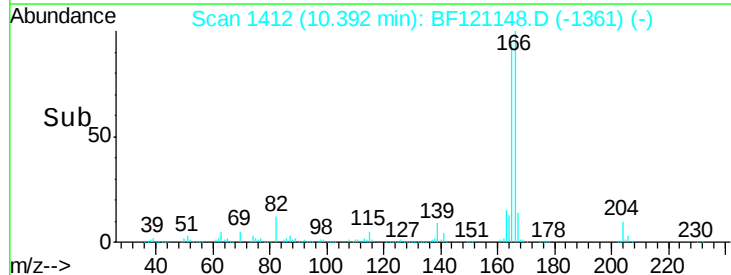
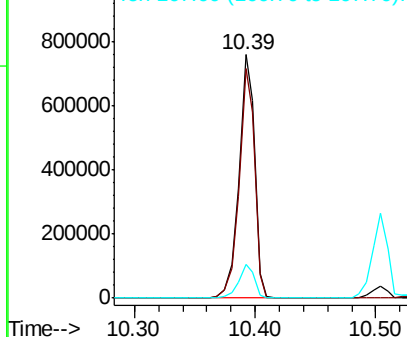


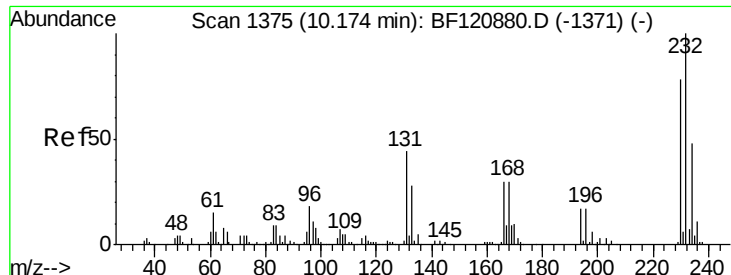
#58
 Fluorene
 Concen: 39.298 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Tgt Ion:166	Resp:	684250
Ion Ratio	Lower	Upper
166	100	
165	94.3	76.4 114.6
167	13.8	10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
 1000000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

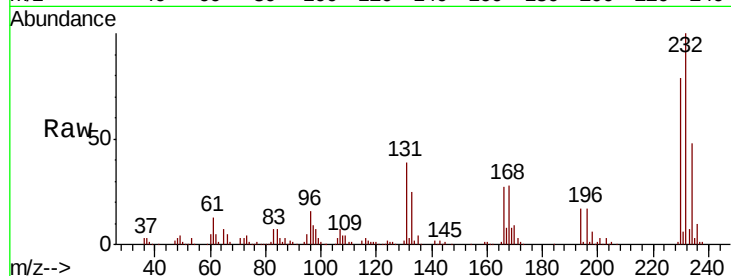




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.179 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.2	34.2	51.2
130	2.0	1.7	2.5
166	28.3	23.1	34.7

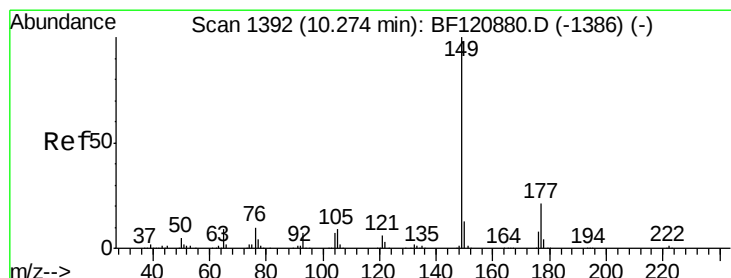
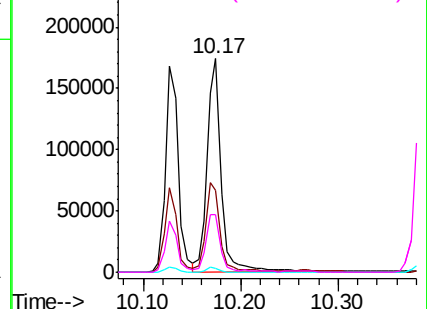
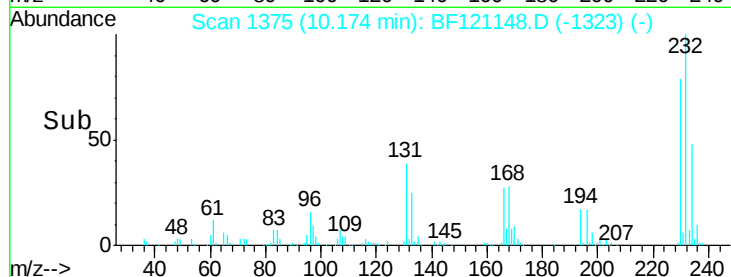


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

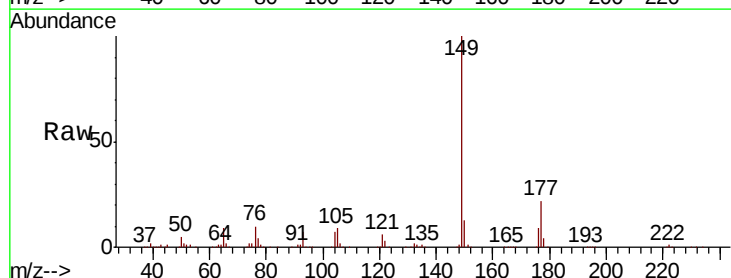
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.915 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

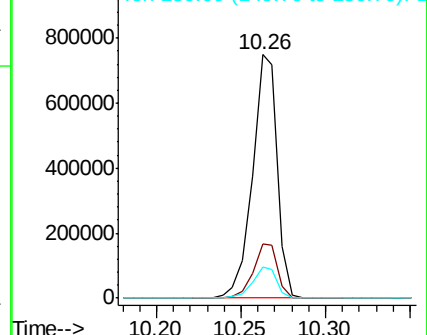
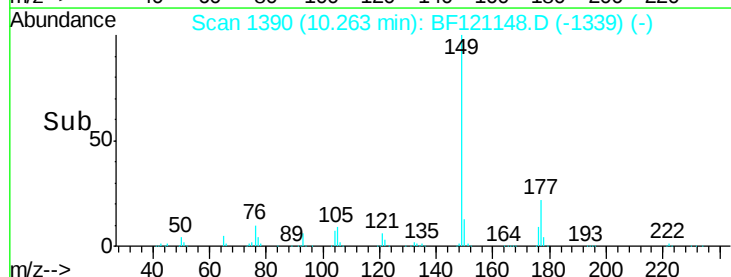
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	12.8	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

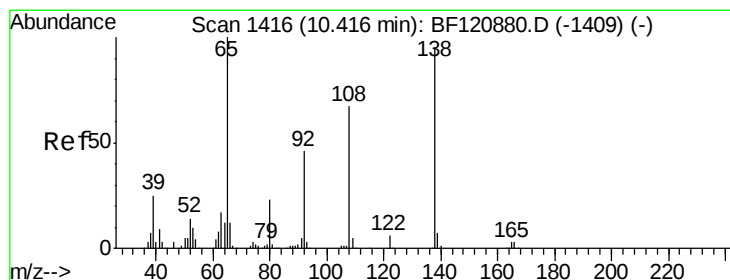
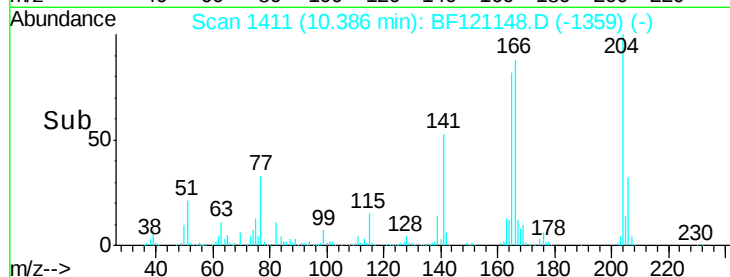
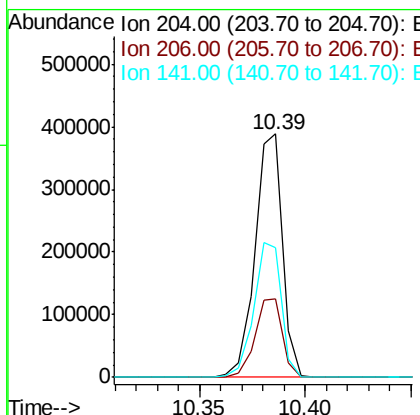
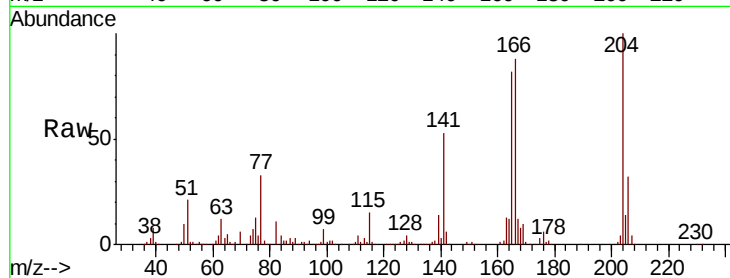




#61
 4-Chlorophenyl-phenylether
 Concen: 37.829 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

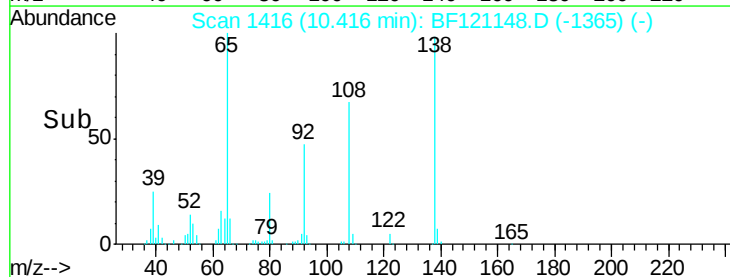
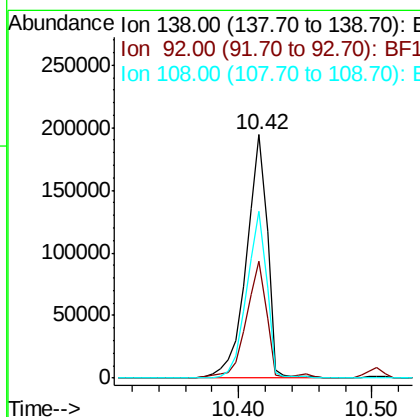
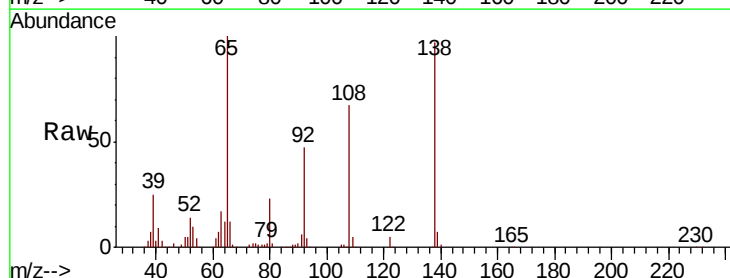
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

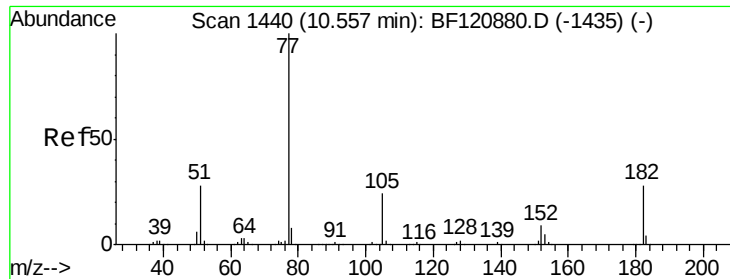
Tot Ion:	204	Resp:	351318
Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.0	39.0
141	53.0	46.9	70.3



#62
 4-Nitroaniline
 Concen: 41.915 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Tgt Ion:	138	Resp:	208599
Ion	Ratio	Lower	Upper
138	100		
92	47.9	25.2	65.2
108	68.4	46.7	86.7





#63

Azobenzene

Concen: 38.936 ng

RT: 10.54 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 710912

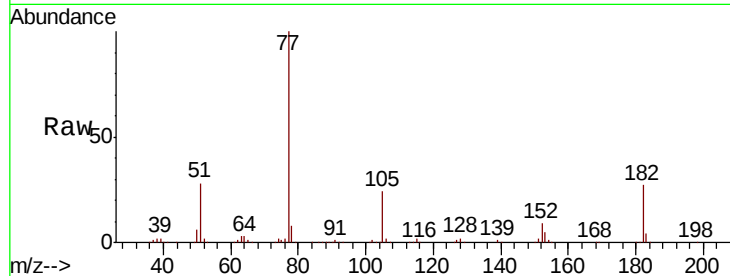
Ion Ratio Lower Upper

77 100

182 27.1 4.5 44.5

105 24.1 3.4 43.4

51 27.9 8.7 48.7

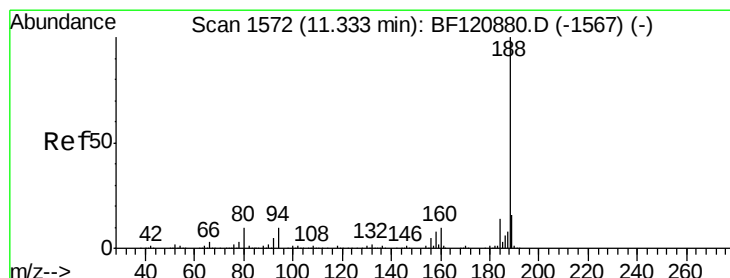
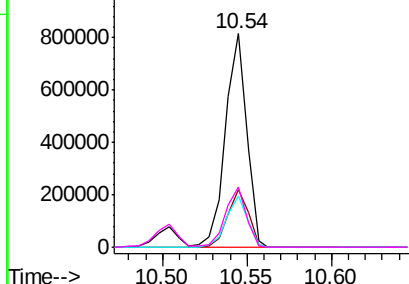
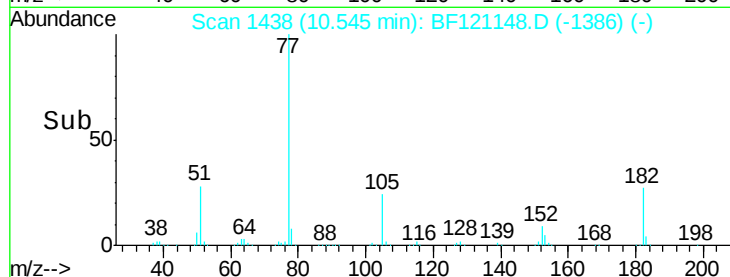


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

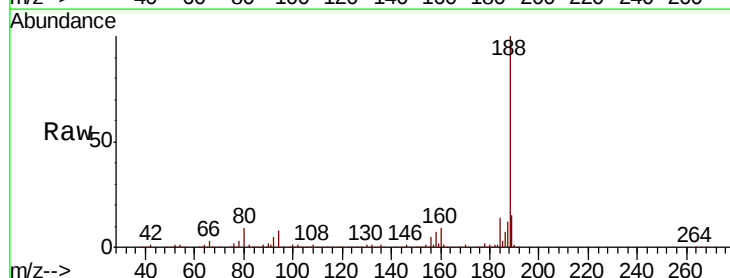
Tgt Ion: 188 Resp: 499356

Ion Ratio Lower Upper

188 100

94 8.3 8.0 12.0

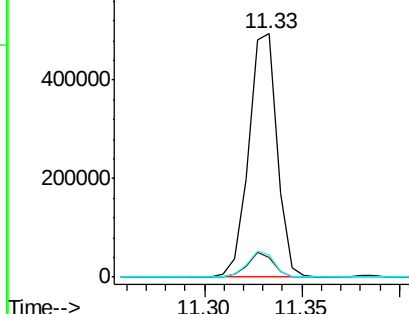
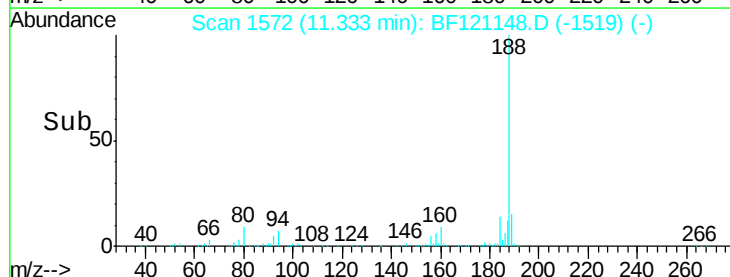
80 8.9 8.3 12.5



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: 40.643 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

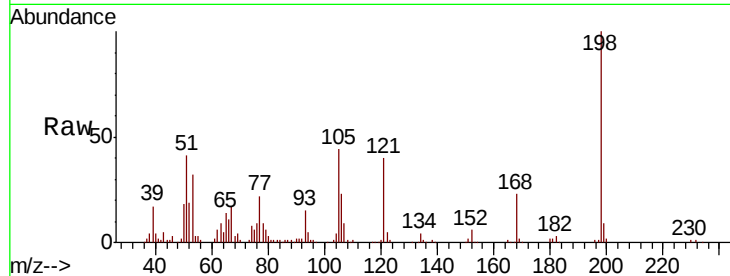
Tot Ion:198 Resp: 115610

Ion Ratio Lower Upper

198 100

51 41.1 23.4 63.4

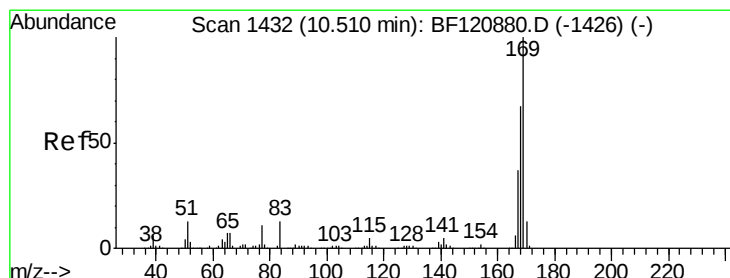
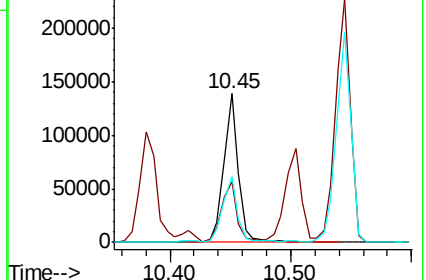
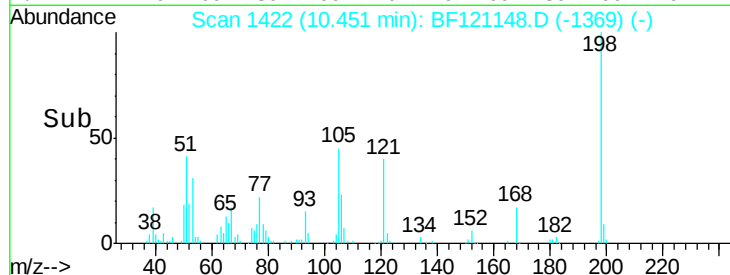
105 44.1 23.7 63.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.603 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

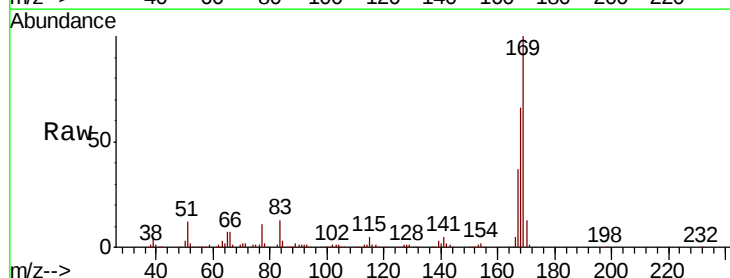
Tgt Ion:169 Resp: 637824

Ion Ratio Lower Upper

169 100

168 66.3 53.7 80.5

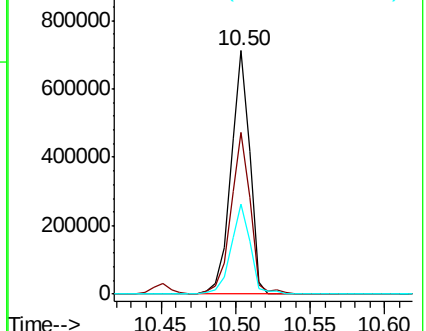
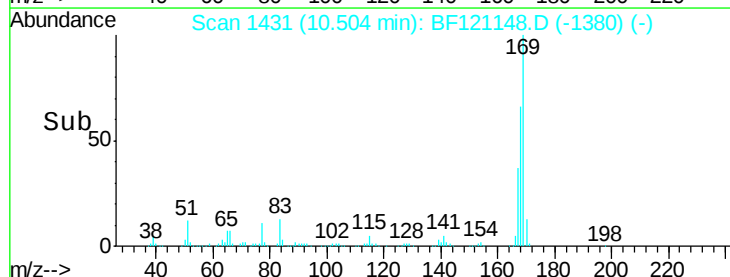
167 36.9 30.0 45.0

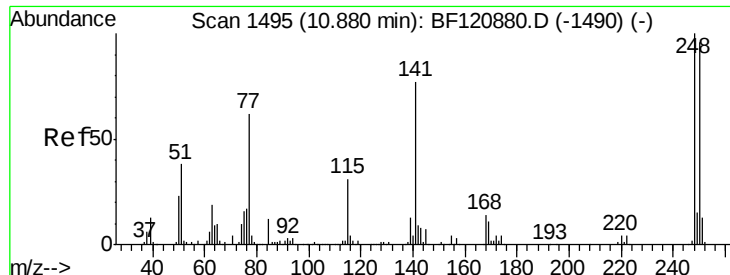


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

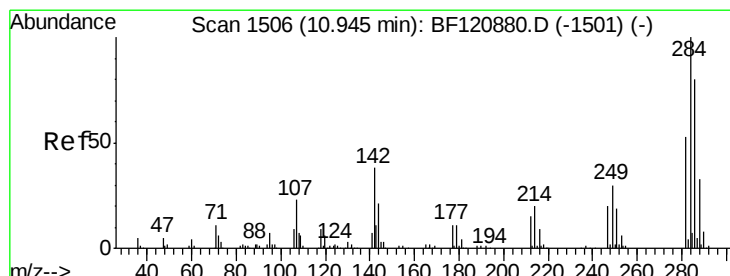
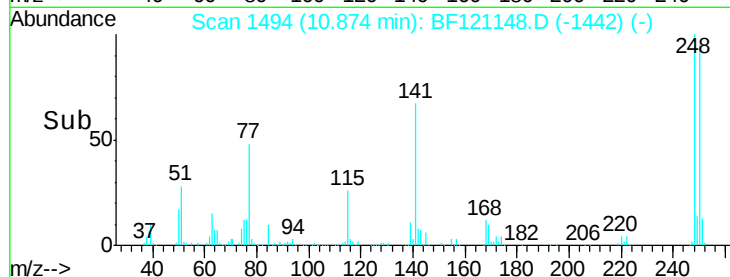
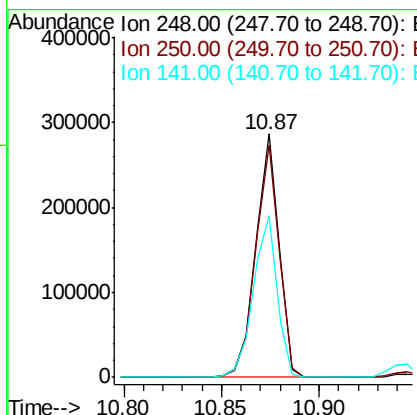
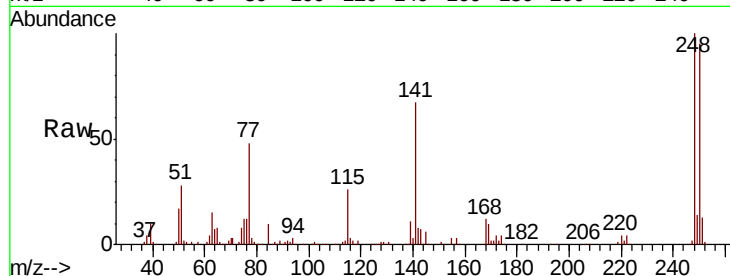




#67
 4-Bromophenyl-phenylether
 Concen: 42.591 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

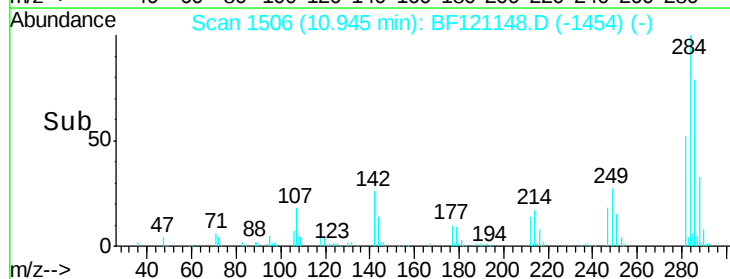
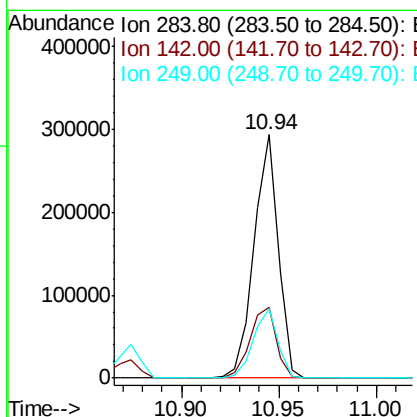
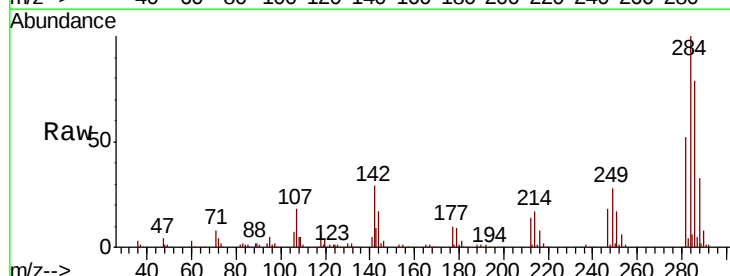
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

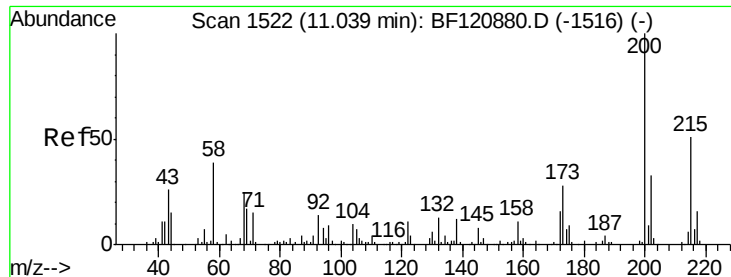
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	77.0	115.6
141	66.5	56.6	85.0



#68
 Hexachlorobenzene
 Concen: 42.046 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. 0.01 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	21.1	31.7
249	28.3	22.5	33.7





#69

Atrazine

Concen: 43.176 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

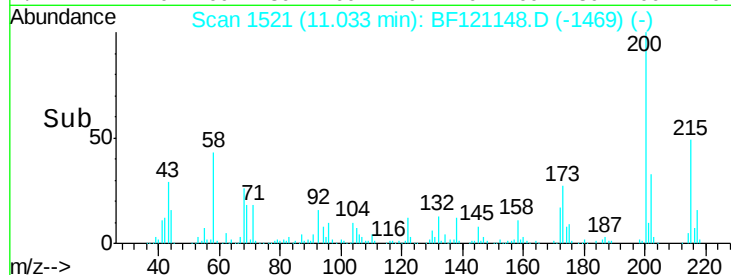
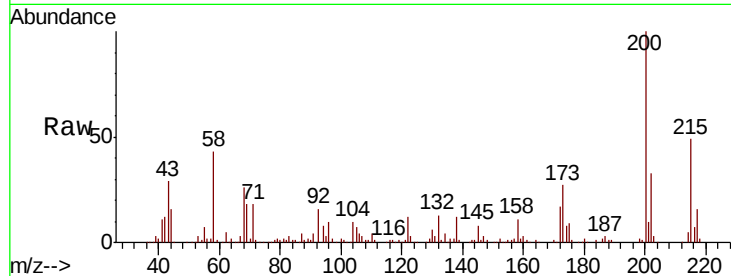
Tot Ion:200 Resp: 167970

Ion Ratio Lower Upper

200 100

173 27.3 7.6 47.6

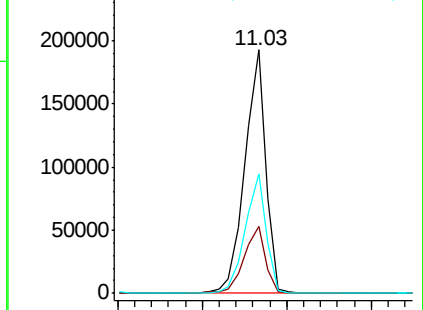
215 49.1 28.8 68.8



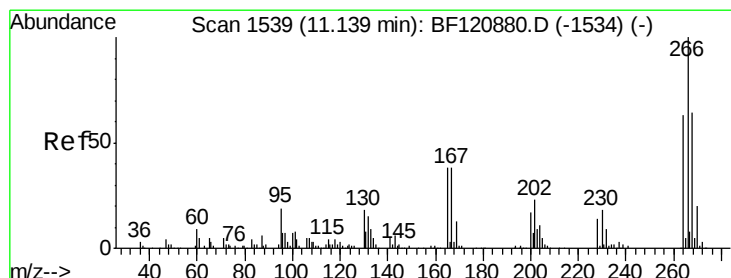
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time--> 10.95 11.00 11.05 11.10



#70

Pentachlorophenol

Concen: 34.428 ng

RT: 11.14 min Scan# 1540

Delta R.T. 0.02 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

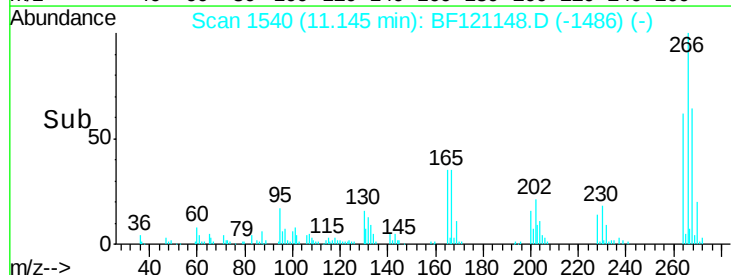
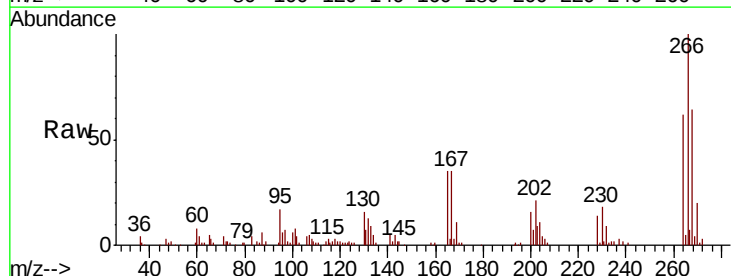
Tgt Ion:266 Resp: 118782

Ion Ratio Lower Upper

266 100

268 63.7 49.7 74.5

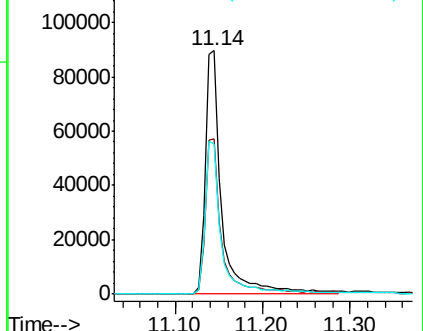
264 61.8 50.4 75.6

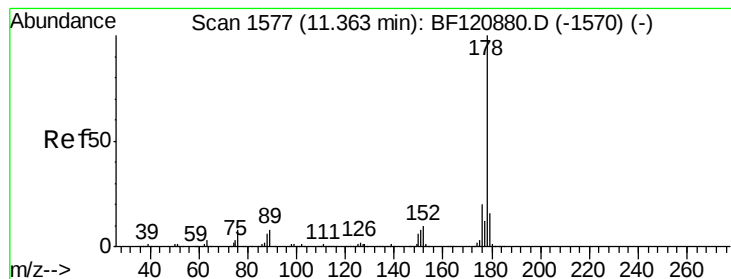


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.844 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

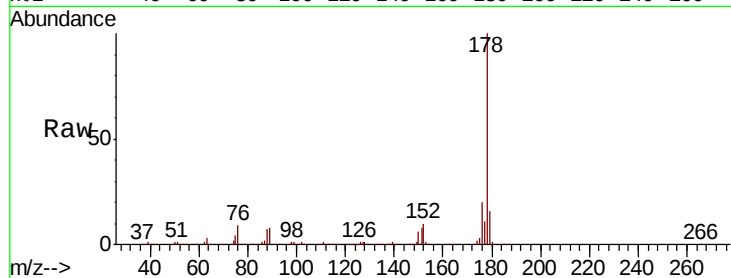
Tot Ion:178 Resp: 1023273

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.2

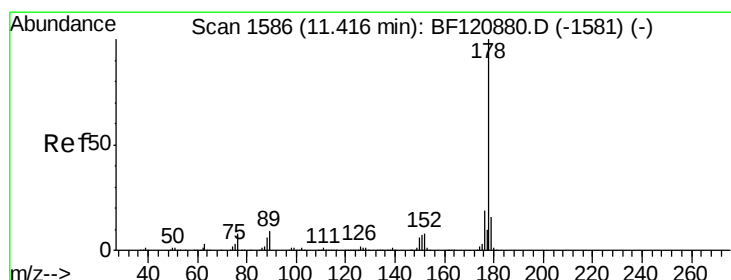
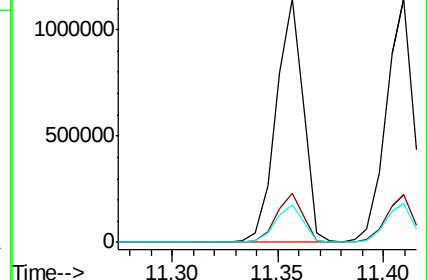
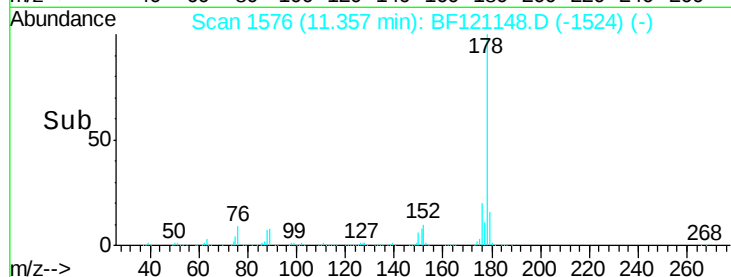
179 15.6 12.6 19.0



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: 39.934 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

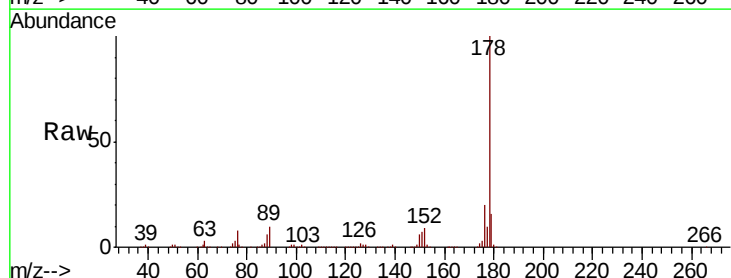
Tgt Ion:178 Resp: 1029836

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

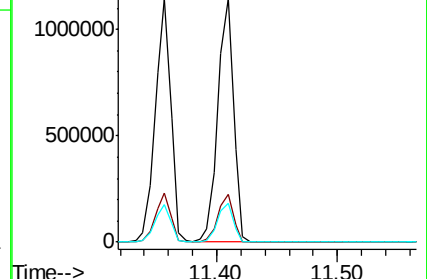
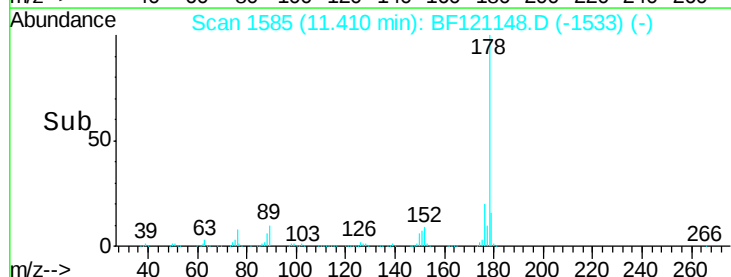
179 16.0 12.6 19.0

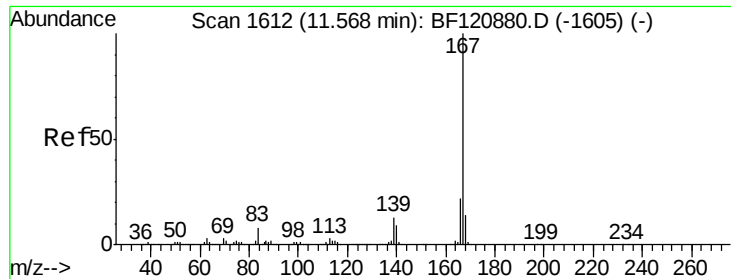


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

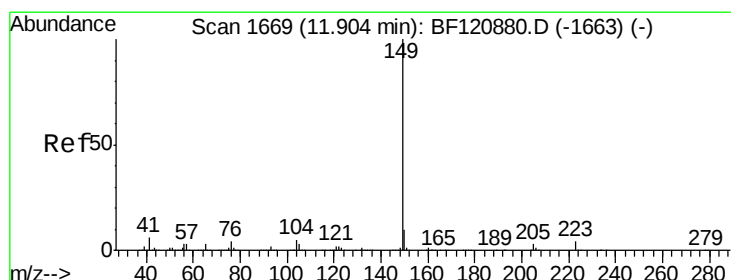
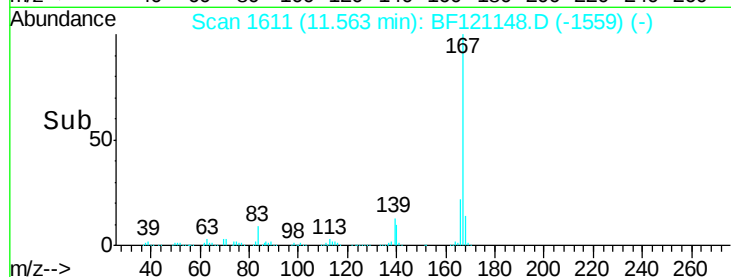
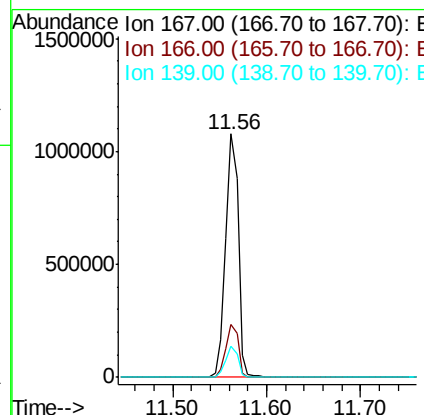
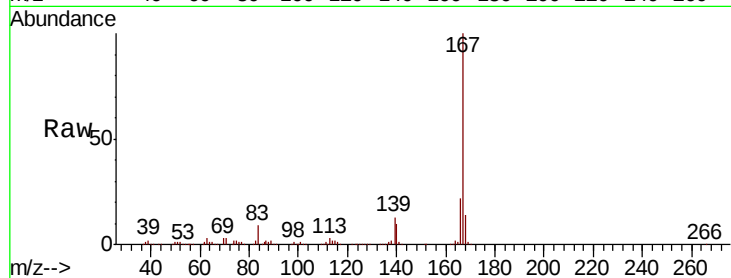




#73
 Carbazole
 Concen: 39.998 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

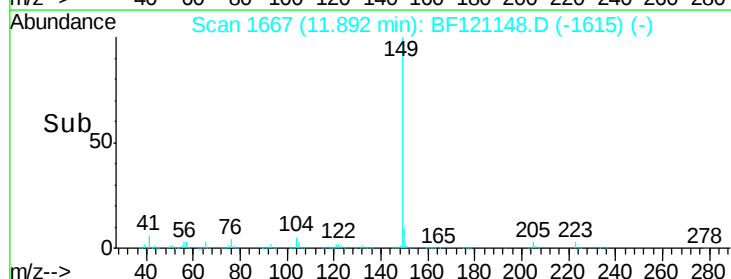
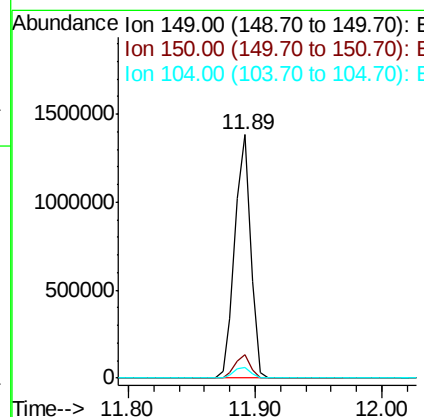
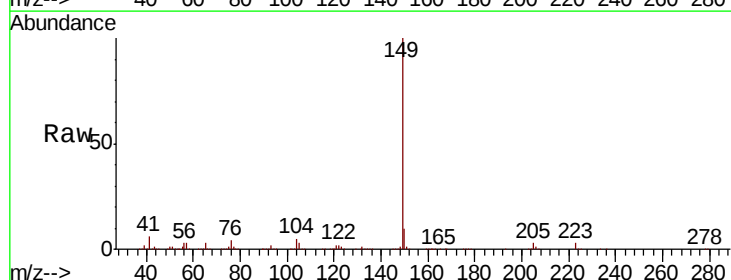
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

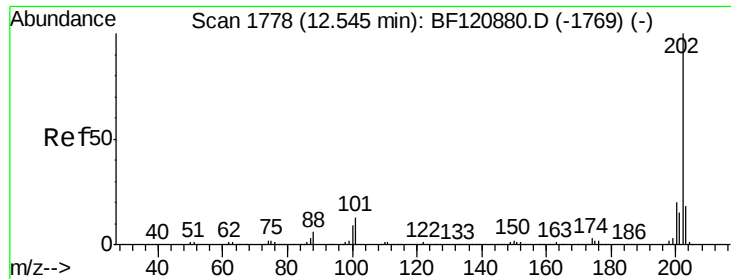
Tot Ion:167 Resp: 1023664
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 12.9 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 40.425 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Tgt Ion:149 Resp: 1193917
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.6 3.9 5.9

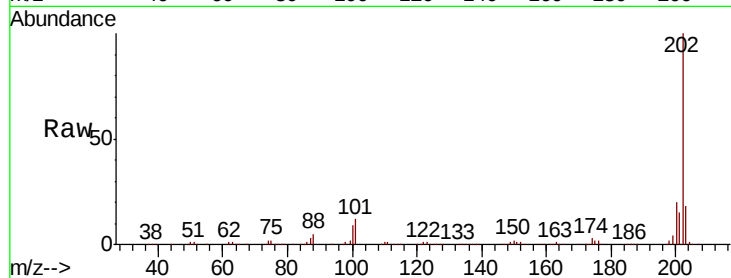




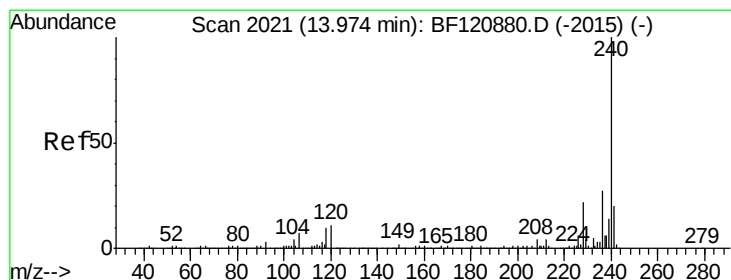
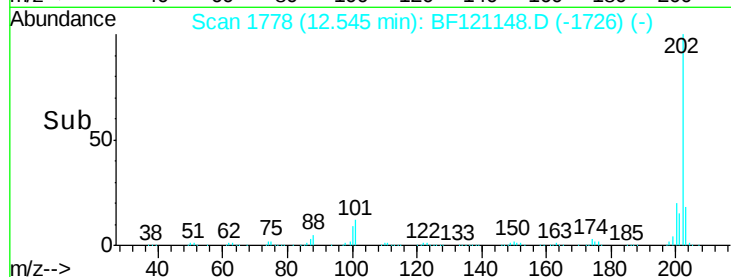
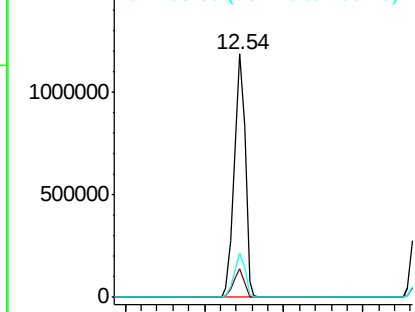
#75
 Fluoranthene
 Concen: 40.277 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. 0.01 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1146541
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 30.5
 203 18.1 0.0 37.7

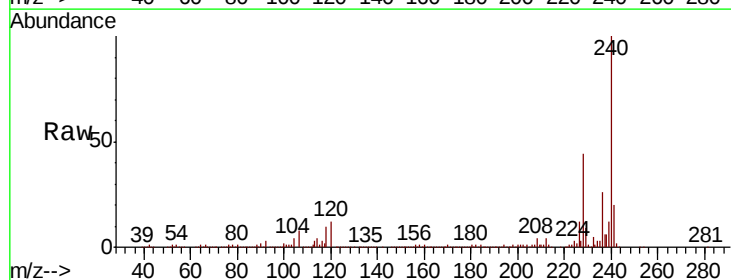


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

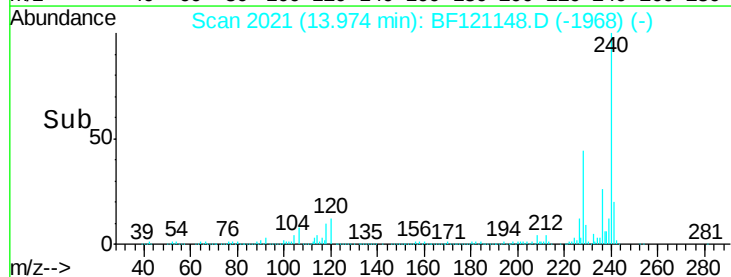
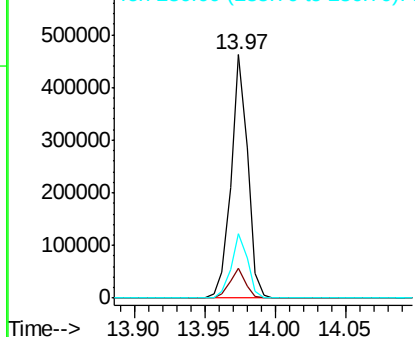


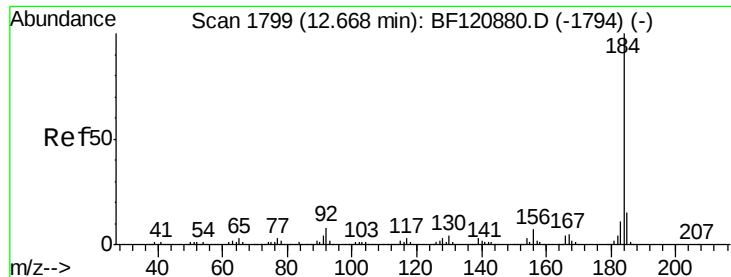
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Tgt Ion:240 Resp: 377754
 Ion Ratio Lower Upper
 240 100
 120 12.0 9.3 13.9
 236 26.4 21.1 31.7



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: 32.108 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

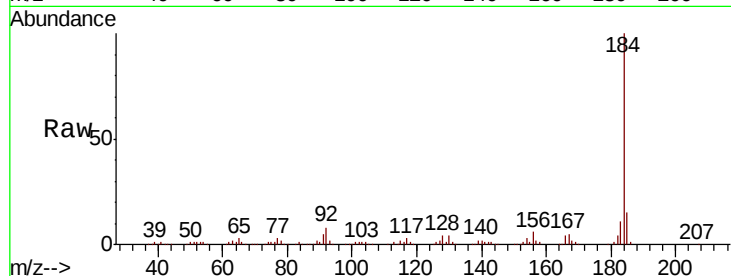
Tot Ion:184 Resp: 318892

Ion Ratio Lower Upper

184 100

185 14.6 12.1 18.1

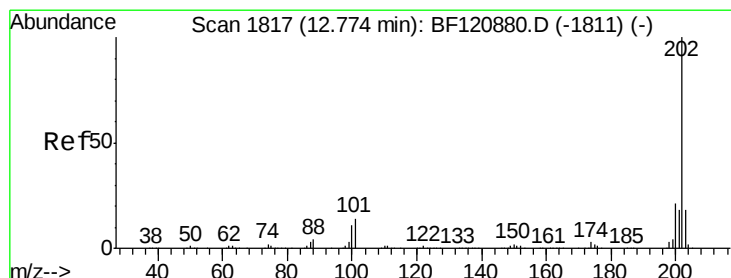
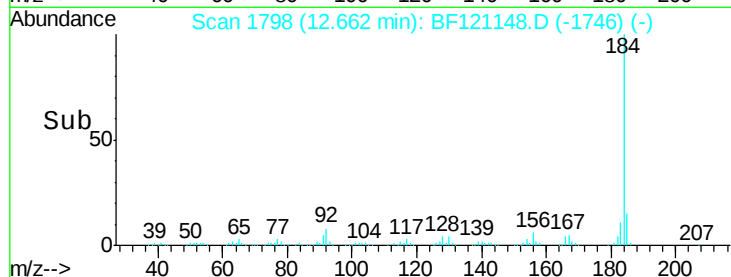
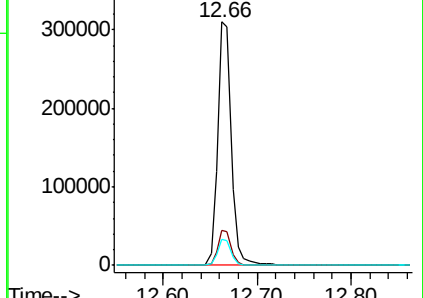
183 10.8 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.708 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

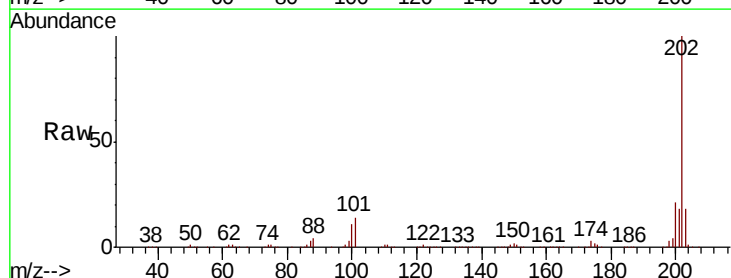
Tgt Ion:202 Resp: 1167322

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

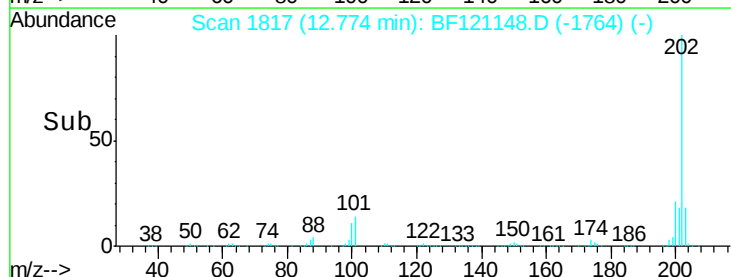
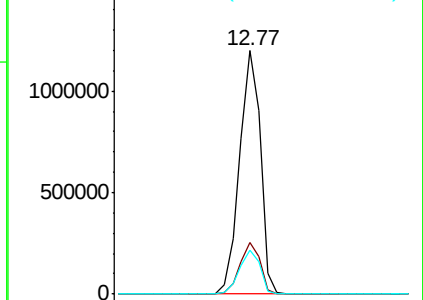
203 18.2 14.6 21.8

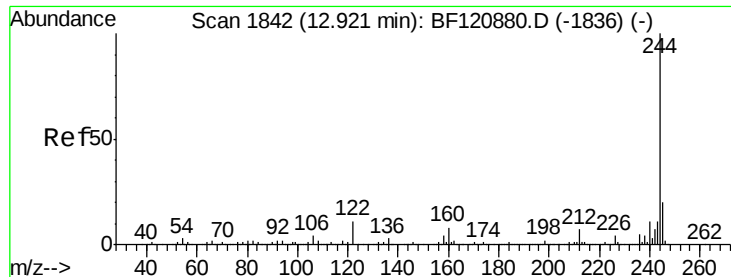


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.581 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

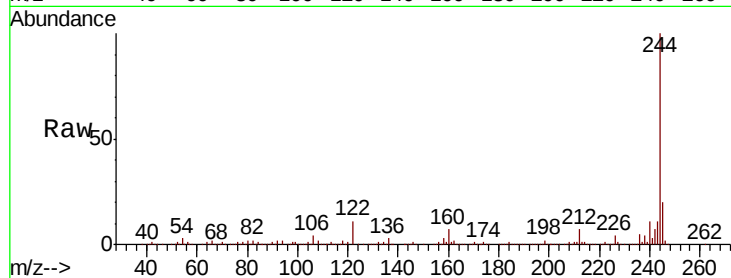
Tot Ion:244 Resp: 1382931

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

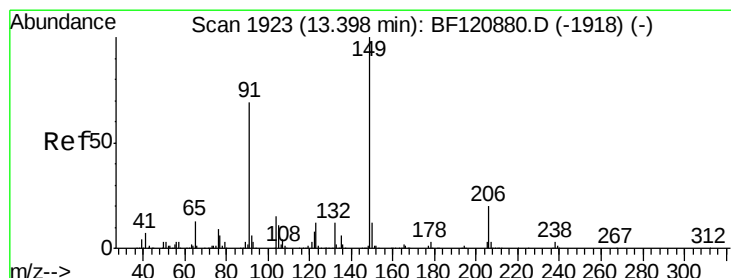
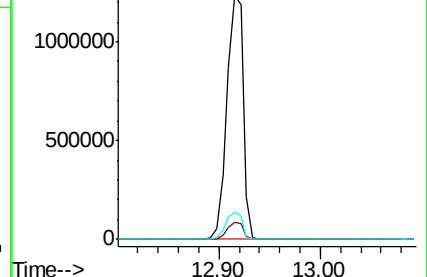
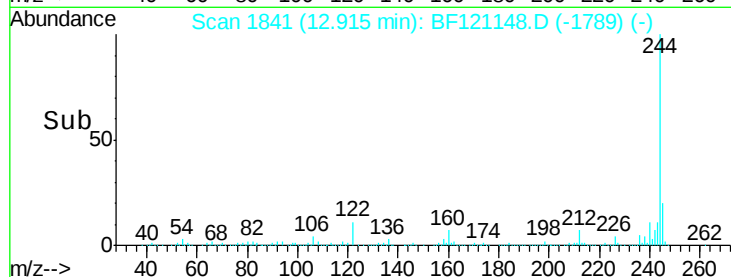
122 11.0 8.3 12.5



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: 43.495 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

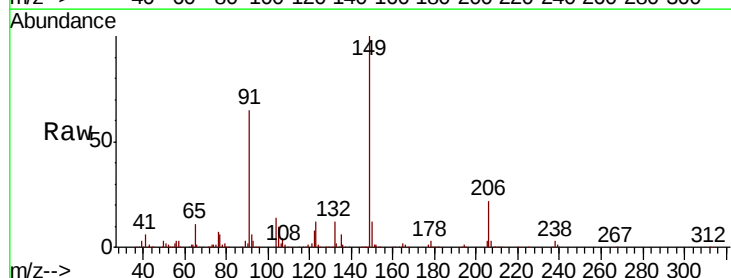
Tgt Ion:149 Resp: 517843

Ion Ratio Lower Upper

149 100

91 65.1 51.4 77.0

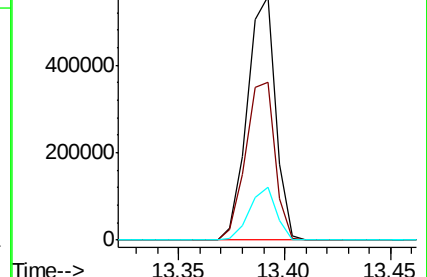
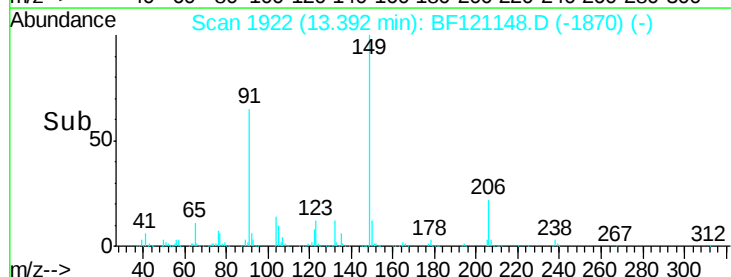
206 22.0 17.9 26.9



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: 43.232 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

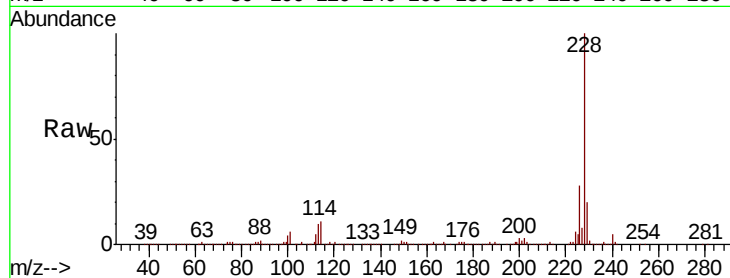
Tot Ion:228 Resp: 988924

Ion Ratio Lower Upper

228 100

226 28.1 22.6 34.0

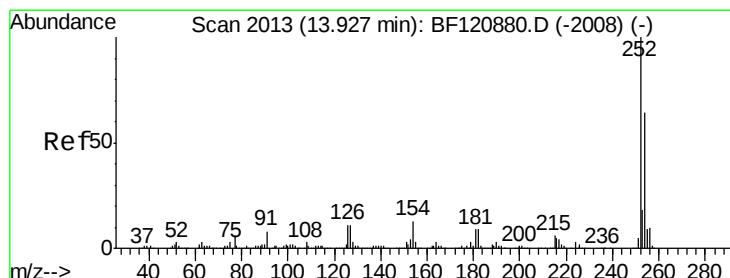
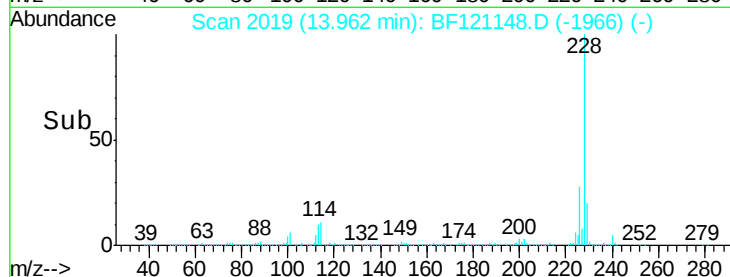
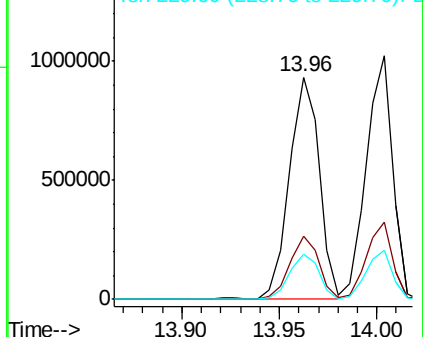
229 20.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.989 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

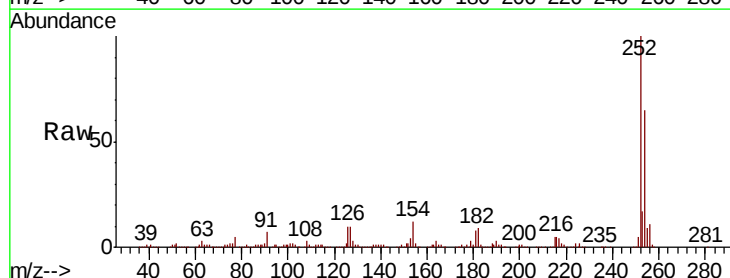
Tgt Ion:252 Resp: 353735

Ion Ratio Lower Upper

252 100

254 65.1 51.3 76.9

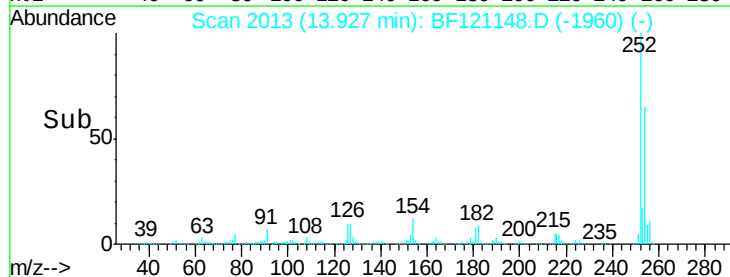
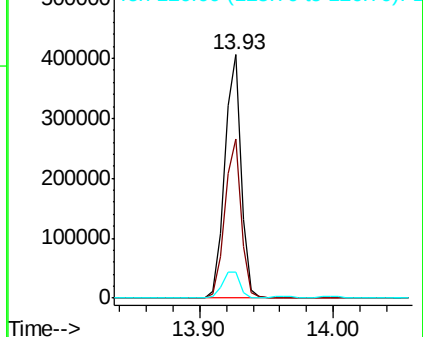
126 10.5 9.2 13.8

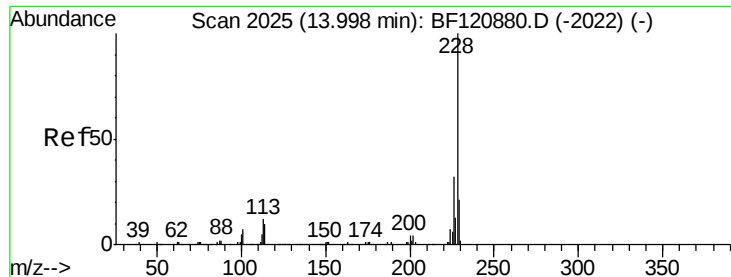


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.917 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

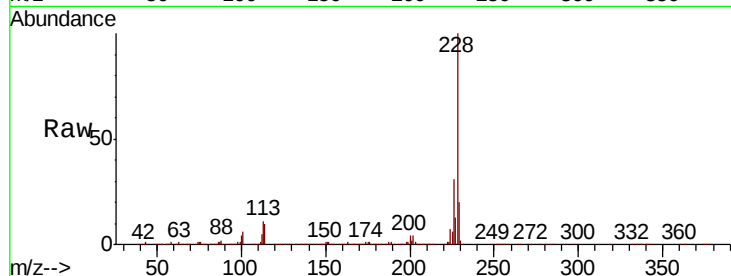
Tot Ion:228 Resp: 959569

Ion Ratio Lower Upper

228 100

226 31.5 25.4 38.0

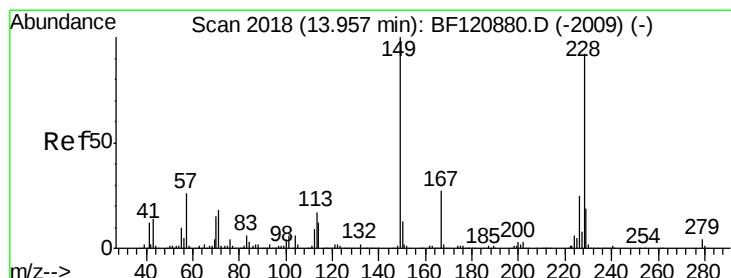
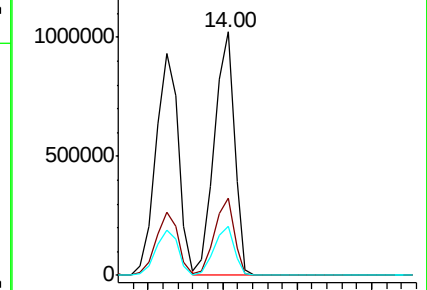
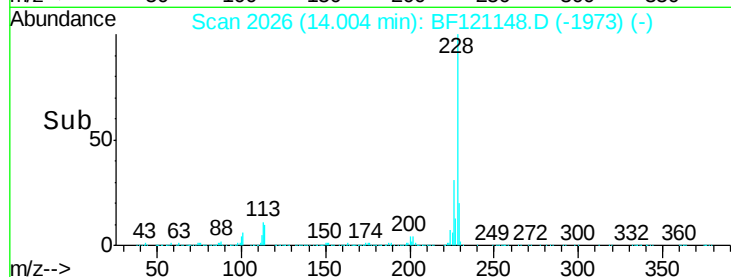
229 20.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.614 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

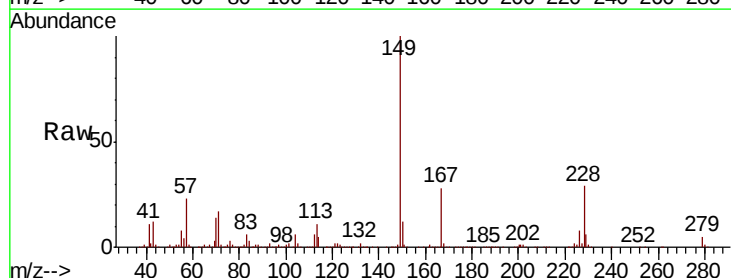
Tgt Ion:149 Resp: 669669

Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

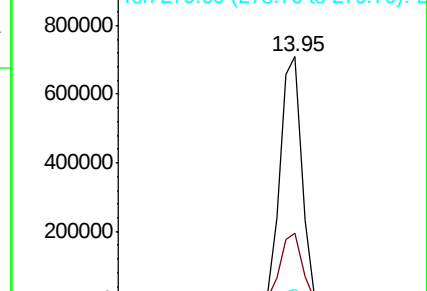
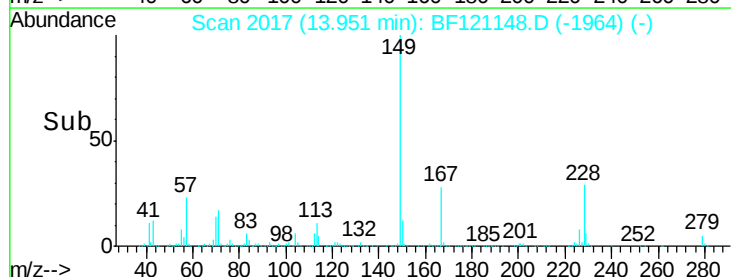
279 4.6 2.9 4.3#

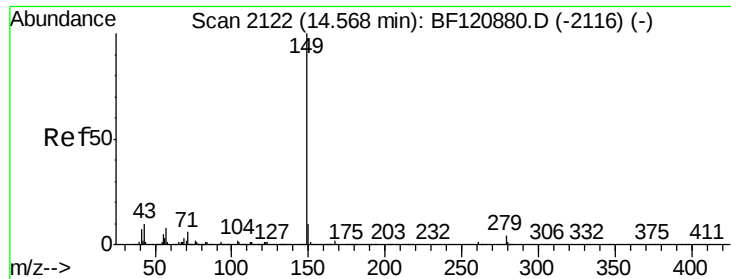


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

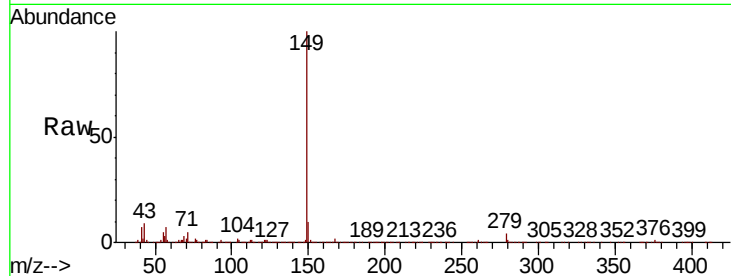




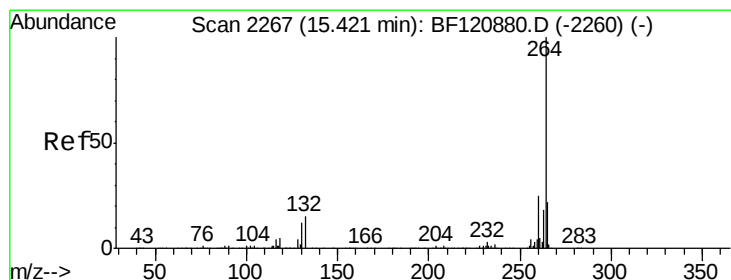
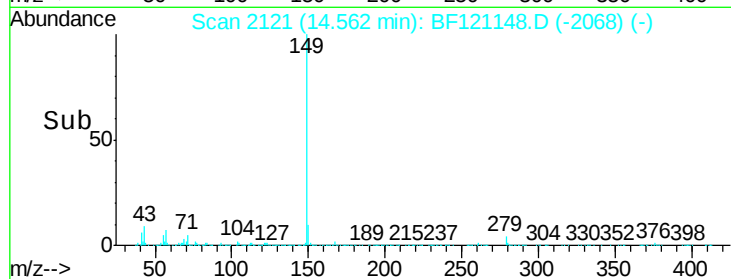
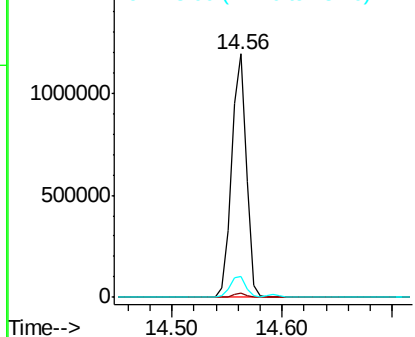
#85
Di-n-octyl phthalate
Concen: 38.088 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1112481
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.3 7.5 11.3

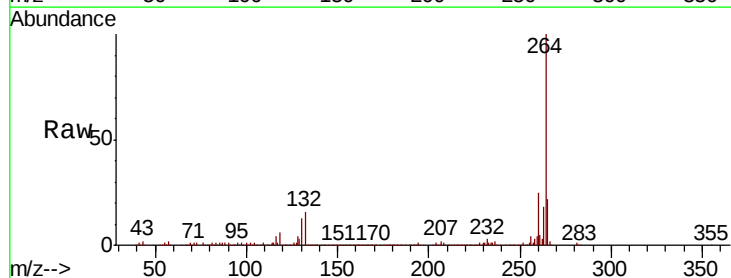


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

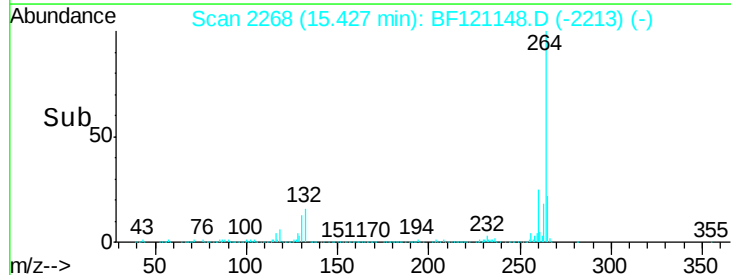
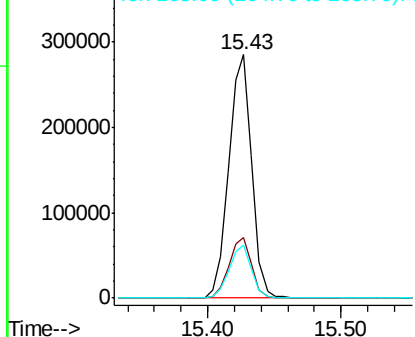


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion:264 Resp: 343052
Ion Ratio Lower Upper
264 100
260 24.9 19.9 29.9
265 21.9 17.8 26.8



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

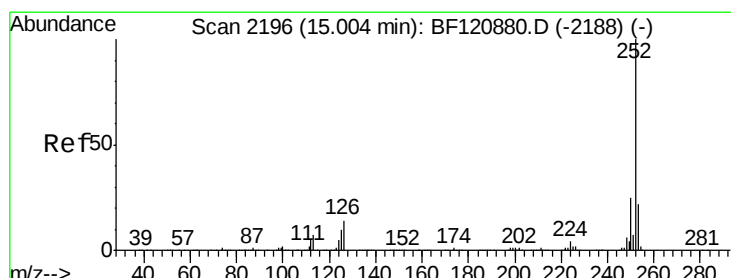
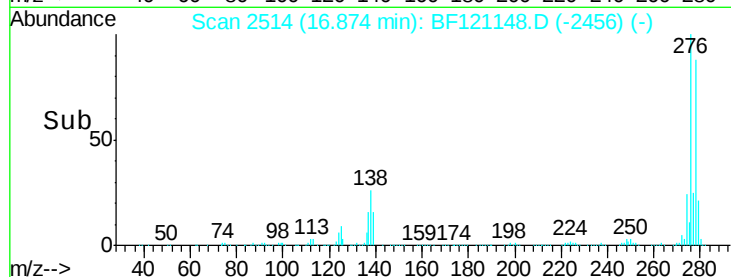
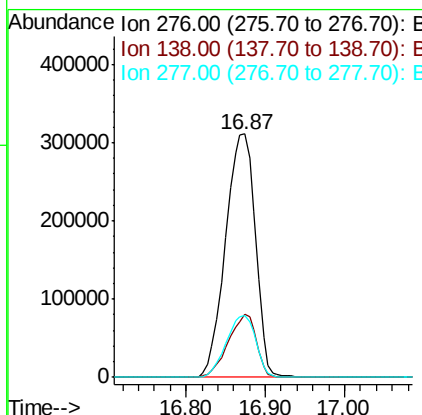
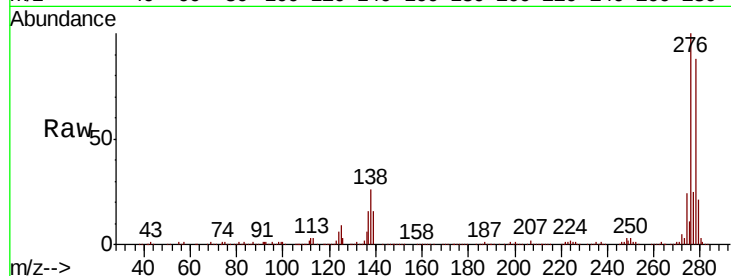




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.920 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. 0.04 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

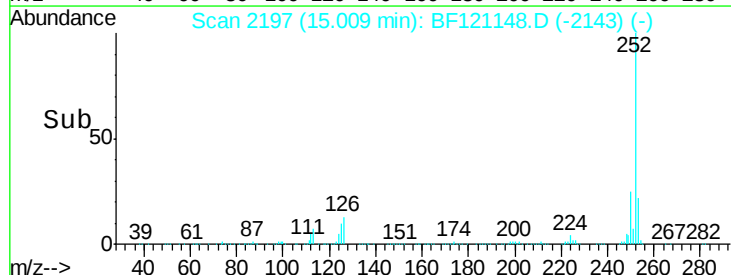
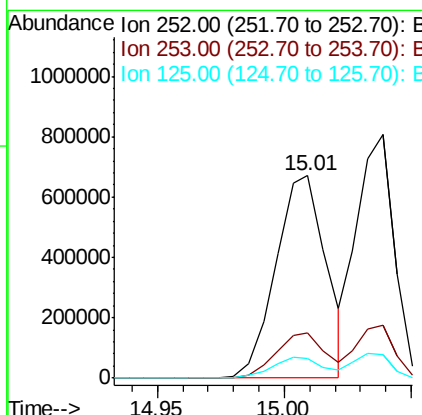
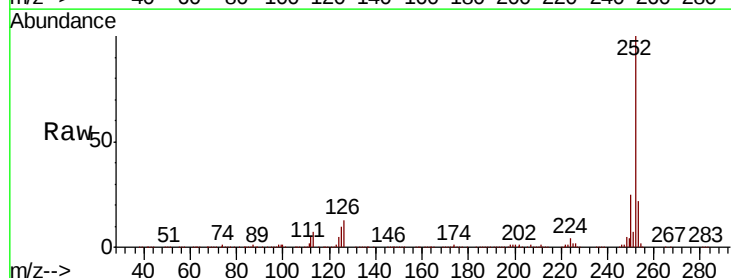
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

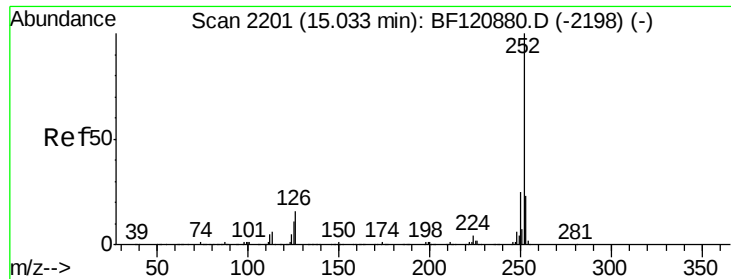
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.3	28.9
277	25.4	20.1	30.1



#88
 Benzo(b)fluoranthene
 Concen: 44.787 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.02 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	10.0	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 43.975 ng

RT: 15.04 min Scan# 2202

Delta R.T. 0.02 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

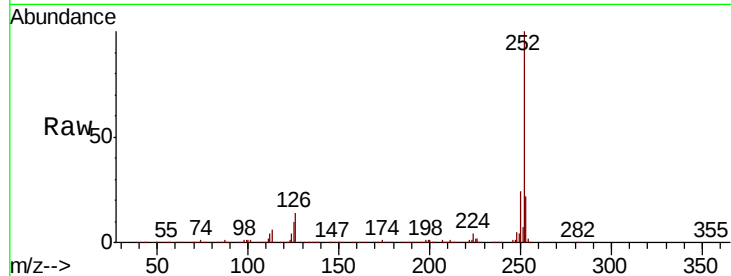
Tot Ion:252 Resp: 831634

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

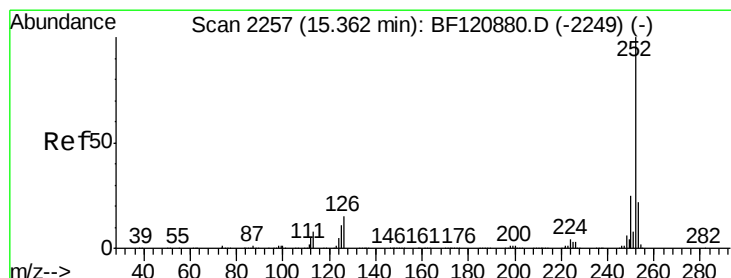
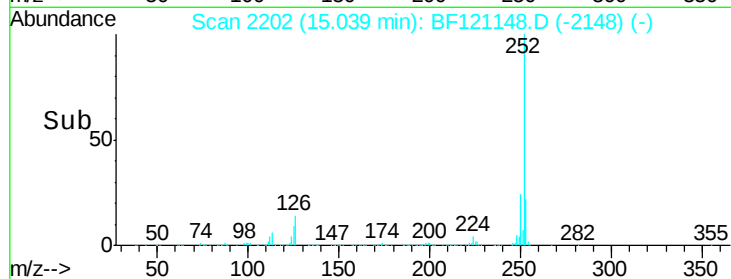
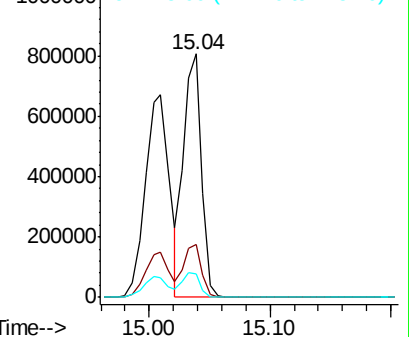
125 9.6 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.130 ng

RT: 15.37 min Scan# 2258

Delta R.T. 0.02 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

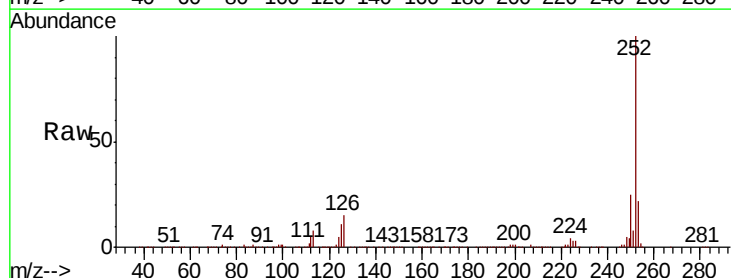
Tgt Ion:252 Resp: 797056

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

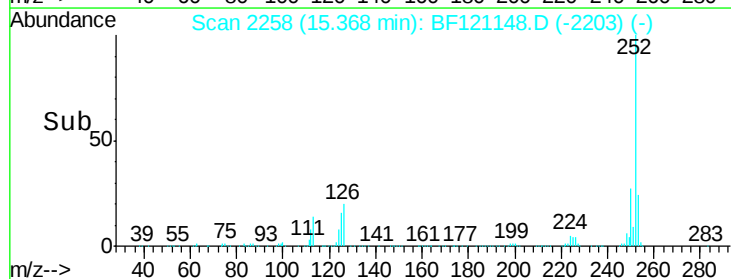
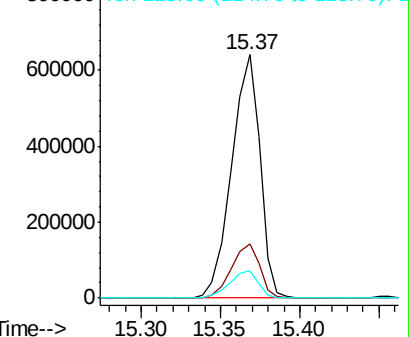
125 11.4 9.5 14.3

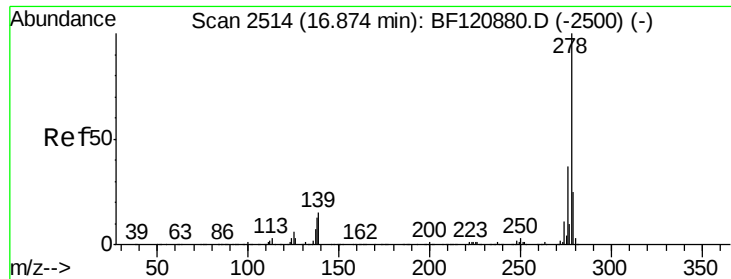


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 33.979 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.04 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

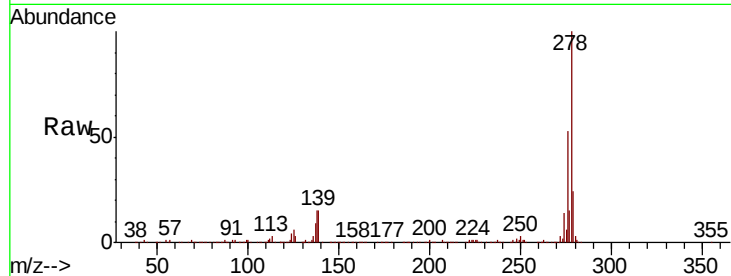
Tot Ion:278 Resp: 662190

Ion Ratio Lower Upper

278 100

139 15.1 12.6 18.8

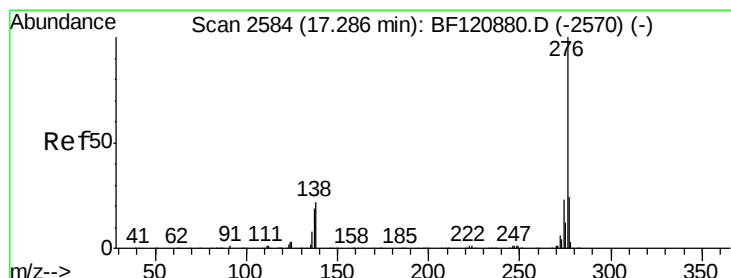
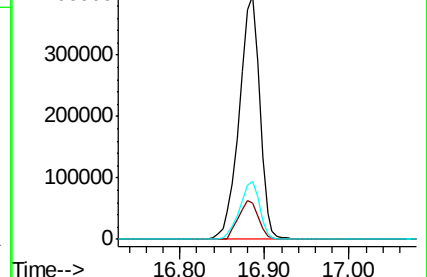
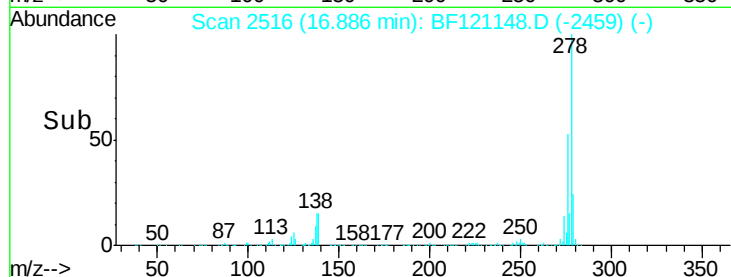
279 23.8 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 33.458 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.04 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

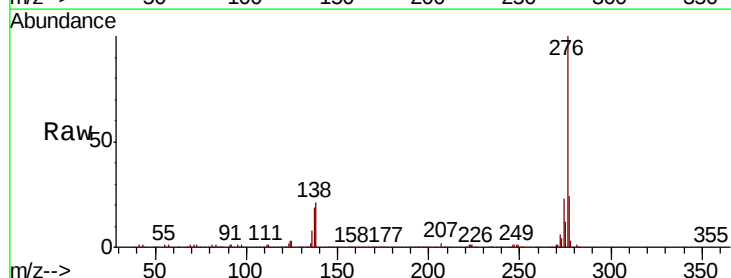
Tgt Ion:276 Resp: 642905

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 21.4 17.2 25.8



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

