

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121194.D
 Acq On : 6 Aug 2020 9:10
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 06 10:55:36 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	6.79	152	152931	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	552076	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	282222	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	522840	20.00	ng	0.00
76) Chrysene-d12	13.96	240	400721	20.00	ng	0.00
86) Perylene-d12	15.41	264	366507	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	719120	77.09	ng	0.00
7) Phenol-d6	6.44	99	922350	76.54	ng	0.00
23) Nitrobenzene-d5	7.36	82	778792	81.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	244291	79.08	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1348840	71.36	ng	0.00
79) Terphenyl-d14	12.91	244	1441139	78.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	169895	39.571	ng	99
3) Pyridine	3.23	79	456397	39.961	ng	99
4) n-Nitrosodimethylamine	3.19	42	189550	38.812	ng	96
6) Aniline	6.46	93	561703	35.709	ng	98
8) 2-Chlorophenol	6.59	128	402009	39.118	ng	98
9) Benzaldehyde	6.35	77	243357	42.329	ng	100
10) Phenol	6.45	94	490632	37.013	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	395801	38.961	ng	98
12) 1,3-Dichlorobenzene	6.73	146	434245	38.968	ng	98
13) 1,4-Dichlorobenzene	6.82	146	435265	39.281	ng	99
14) 1,2-Dichlorobenzene	6.97	146	408366	38.955	ng	98
15) Benzyl Alcohol	6.95	79	311099	36.506	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	564826	38.574	ng	99
17) 2-Methylphenol	7.06	107	346533	38.044	ng	99
18) Hexachloroethane	7.30	117	159390	39.742	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	247996	36.192	ng	98
20) 3+4-Methylphenols	7.21	107	399750	34.500	ng	92
22) Acetophenone	7.21	105	491595	39.676	ng	# 99
24) Nitrobenzene	7.38	77	417872	40.636	ng	96
25) Isophorone	7.62	82	739941	38.859	ng	98
26) 2-Nitrophenol	7.70	139	215382	44.100	ng	98
27) 2,4-Dimethylphenol	7.74	122	314405	39.650	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	466596	40.142	ng	99
29) 2,4-Dichlorophenol	7.94	162	326346	40.275	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	363455	40.430	ng	98
31) Naphthalene	8.10	128	1109203	39.168	ng	99
32) Benzoic acid	7.87	122	239397	40.218	ng	99
33) 4-Chloroaniline	8.15	127	489625	38.758	ng	98
34) Hexachlorobutadiene	8.22	225	212134	40.028	ng	98
35) Caprolactam	8.54	113	104652	40.275	ng	86
36) 4-Chloro-3-methylphenol	8.64	107	337061	40.560	ng	100
37) 2-Methylnaphthalene	8.79	142	736051	40.030	ng	99
38) 1-Methylnaphthalene	8.89	142	683216	39.232	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	344675	41.917	ng	100

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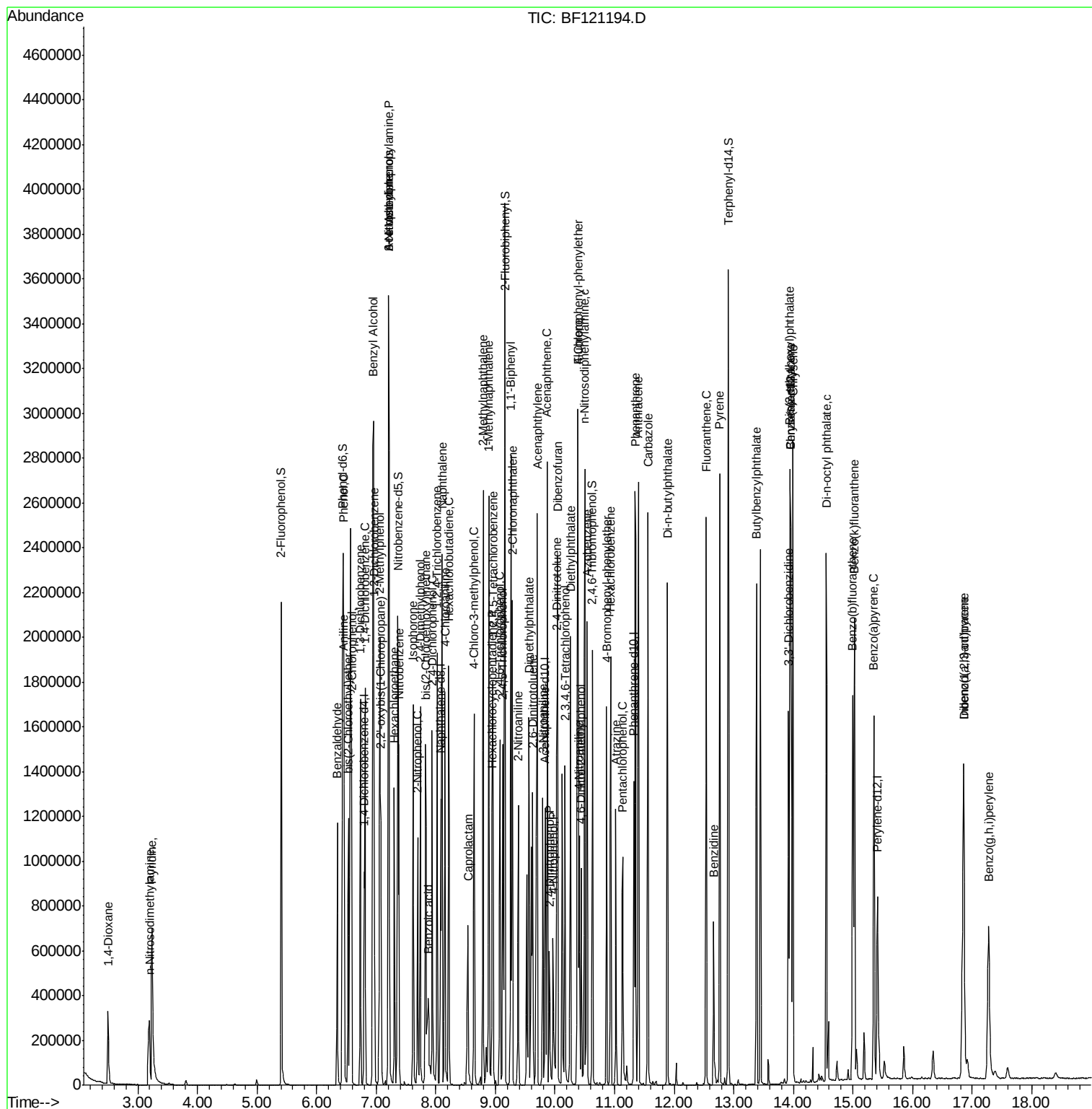
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	154494	33.996	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	228991	39.552	nq	97
44) 2,4,5-Trichlorophenol	9.12	196	258059	39.295	nq	99
46) 1,1'-Biphenyl	9.26	154	853920	39.666	nq	99
47) 2-Chloronaphthalene	9.29	162	696450	39.680	nq	99
48) 2-Nitroaniline	9.38	65	227502	42.891	nq	96
49) Acenaphthylene	9.70	152	1076172	39.468	nq	100
50) Dimethylphthalate	9.56	163	811298	39.847	nq	100
51) 2,6-Dinitrotoluene	9.63	165	183037	41.844	nq	90
52) Acenaphthene	9.87	154	639653	36.898	nq	99
53) 3-Nitroaniline	9.80	138	217670	39.676	nq	99
54) 2,4-Dinitrophenol	9.90	184	95096	41.376	nq	91
55) Dibenzofuran	10.05	168	960993	38.334	nq	97
56) 4-Nitrophenol	9.97	139	136222	32.687	nq	98
57) 2,4-Dinitrotoluene	10.03	165	239957	41.773	nq	# 86
58) Fluorene	10.39	166	720187	38.519	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	192710	38.540	nq	99
60) Diethylphthalate	10.26	149	792255	38.470	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	365306	36.631	nq	100
62) 4-Nitroaniline	10.41	138	221133	41.379	nq	96
63) Azobenzene	10.54	77	763448	38.940	nq	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	129465	43.202	nq	95
66) n-Nitrosodiphenylamine	10.50	169	669477	40.704	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	241321	41.398	nq	95
68) Hexachlorobenzene	10.93	284	265396	42.088	nq	# 93
69) Atrazine	11.03	200	158885	39.006	nq	97
70) Pentachlorophenol	11.13	266	150009	41.525	nq	100
71) Phenanthrene	11.35	178	1063189	39.539	nq	99
72) Anthracene	11.40	178	1097258	40.637	nq	99
73) Carbazole	11.56	167	1087733	40.593	nq	100
74) Di-n-butylphthalate	11.89	149	1203688	38.926	nq	99
75) Fluoranthene	12.54	202	1172146	39.327	nq	100
77) Benzidine	12.66	184	327885	31.121	nq	98
78) Pyrene	12.76	202	1204411	42.512	nq	99
80) Butylbenzylphthalate	13.38	149	523234	41.429	nq	95
81) Benzo(a)anthracene	13.96	228	1032165	42.536	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	369513	40.363	nq	99
83) Chrysene	13.99	228	998462	39.154	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	652403	41.891	nq	100
85) Di-n-octyl phthalate	14.55	149	1105838	35.690	nq	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	858226	33.670	nq	99
88) Benzo(b)fluoranthene	14.99	252	1006252	45.421	nq	99
89) Benzo(k)fluoranthene	15.02	252	857217	42.427	nq	99
90) Benzo(a)pyrene	15.35	252	850690	42.087	nq	99
91) Dibenzo(a,h)anthracene	16.86	278	701267	33.681	nq	99
92) Benzo(g,h,i)perylene	17.27	276	682670	33.253	nq	99

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

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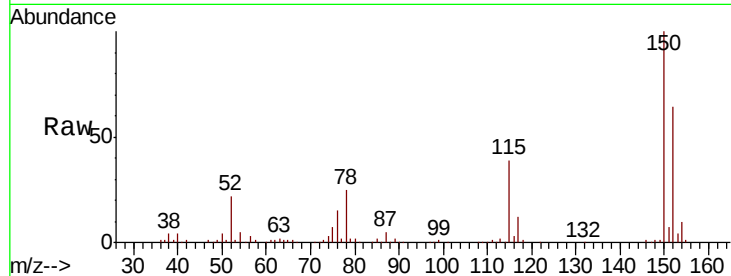


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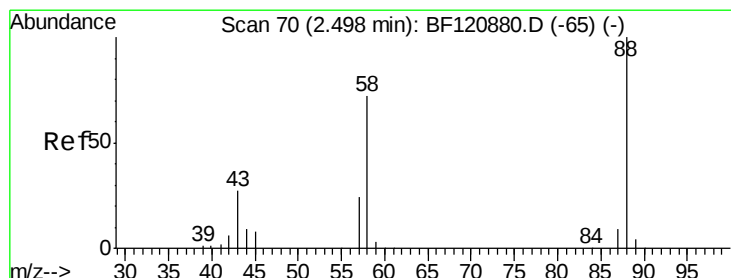
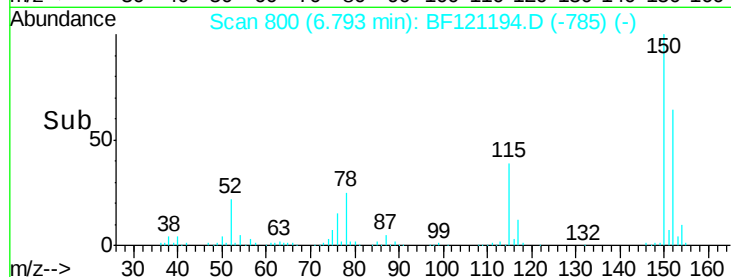
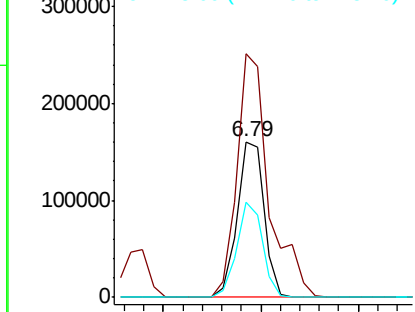
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

Instrument :
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 SSTDCCC040

Tot Ion:152 Resp: 152931
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.6 188.4
 115 61.2 46.2 69.2



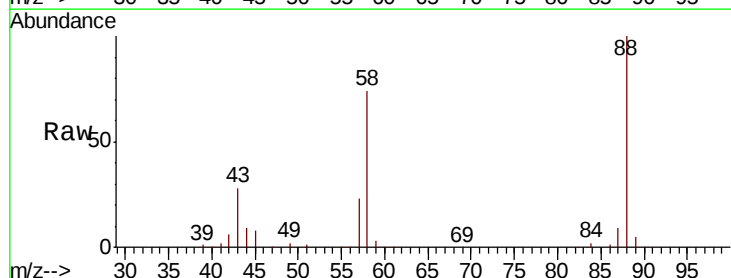
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



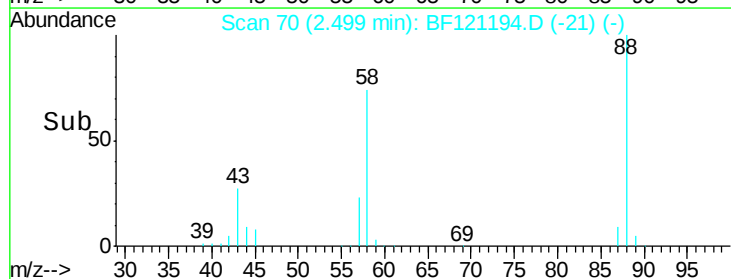
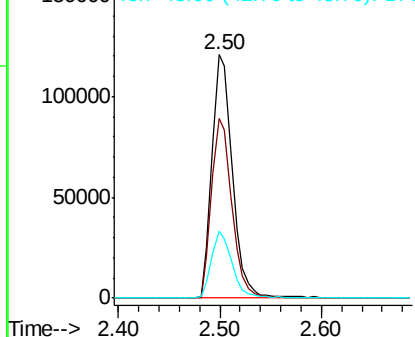
#2

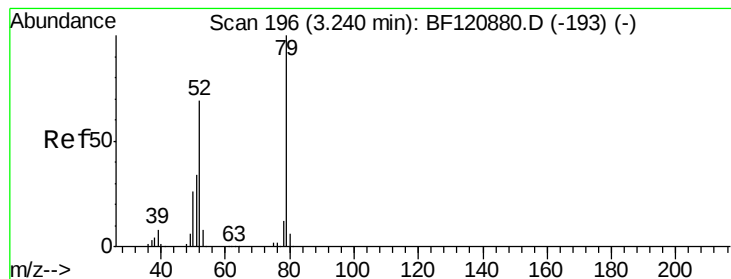
1,4-Dioxane
 Concen: 39.571 ng
 RT: 2.50 min Scan# 70
 Delta R.T. -0.01 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

Tgt Ion: 88 Resp: 169895
 Ion Ratio Lower Upper
 88 100
 58 73.3 58.2 87.4
 43 27.9 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: 39.961 ng

RT: 3.23 min Scan# 195

Delta R.T. -0.02 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

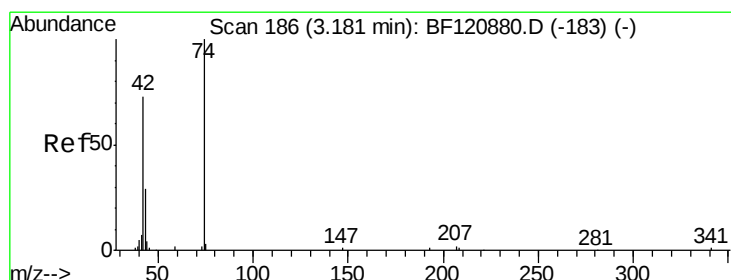
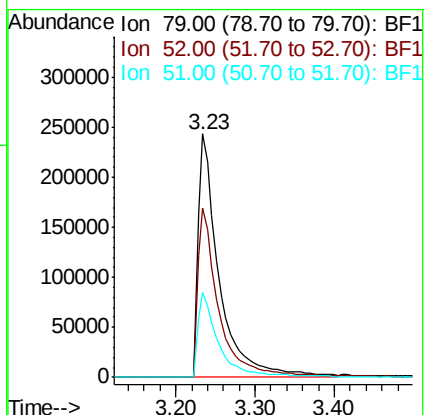
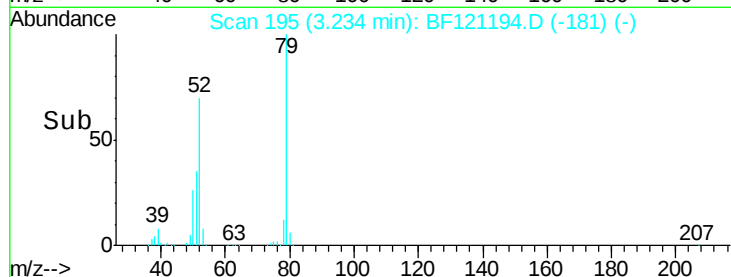
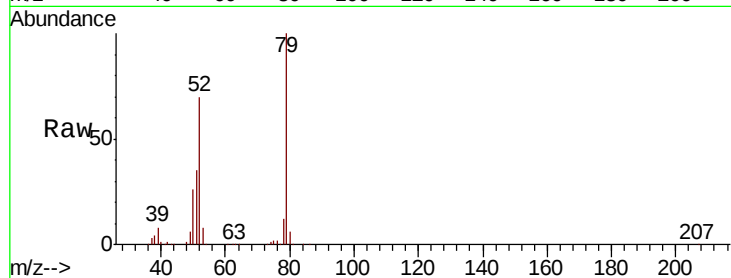
Tot Ion: 79 Resp: 456397

Ion Ratio Lower Upper

79 100

52 69.6 54.9 82.3

51 34.7 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 38.812 ng

RT: 3.19 min Scan# 188

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

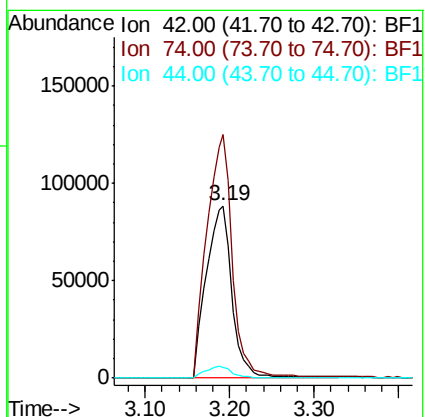
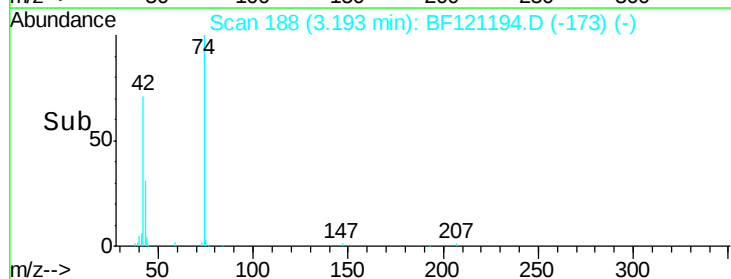
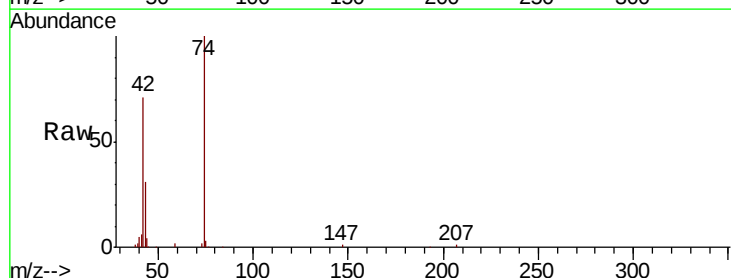
Tgt Ion: 42 Resp: 189550

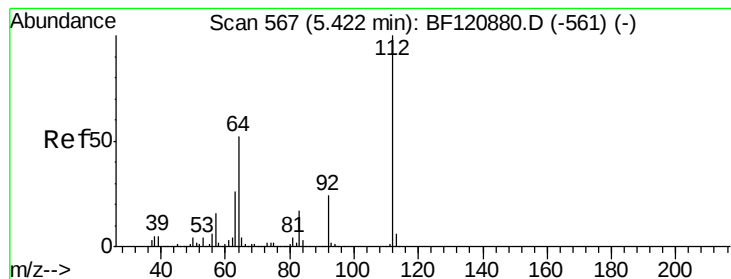
Ion Ratio Lower Upper

42 100

74 141.2 117.3 175.9

44 6.3 5.9 8.9





#5

2-Fluorophenol

Concen: 77.087 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

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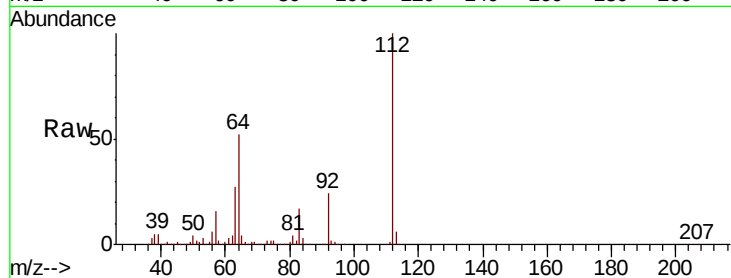
Tot Ion:112 Resp: 719120

Ion Ratio Lower Upper

112 100

64 52.2 43.9 65.9

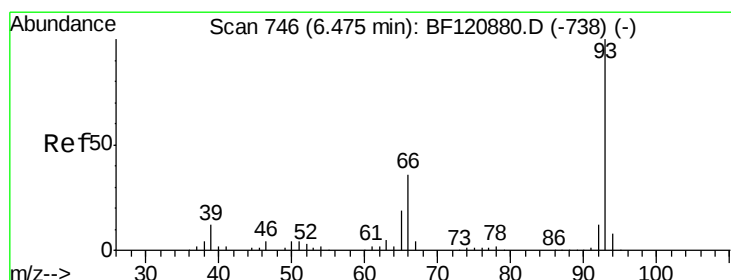
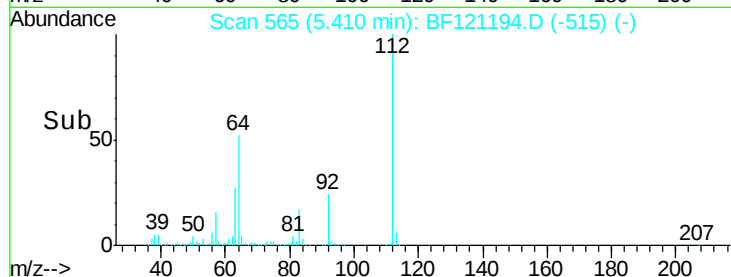
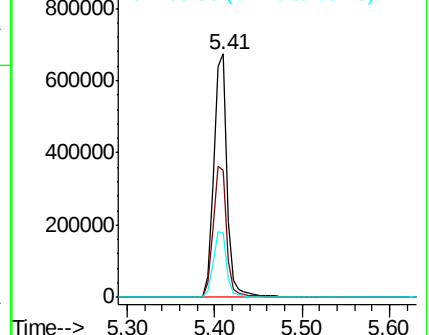
63 26.6 22.7 34.1



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: 35.709 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

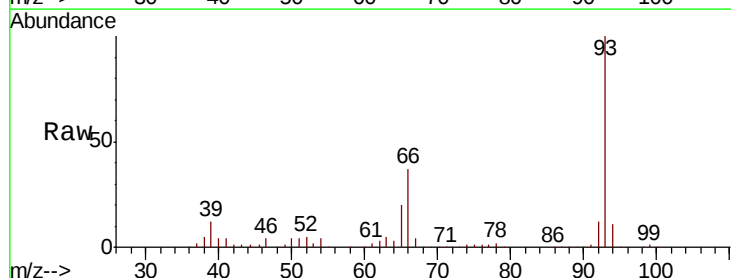
Tgt Ion: 93 Resp: 561703

Ion Ratio Lower Upper

93 100

66 37.5 31.0 46.4

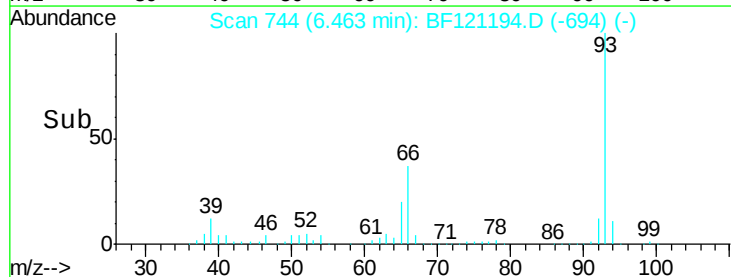
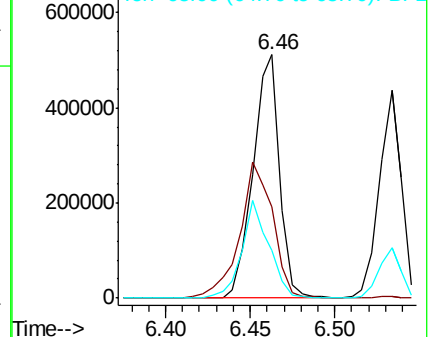
65 19.8 16.2 24.4



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: 76.541 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

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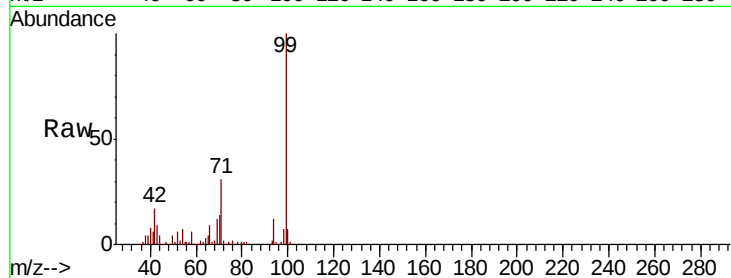
Tot Ion: 99 Resp: 922350

Ion Ratio Lower Upper

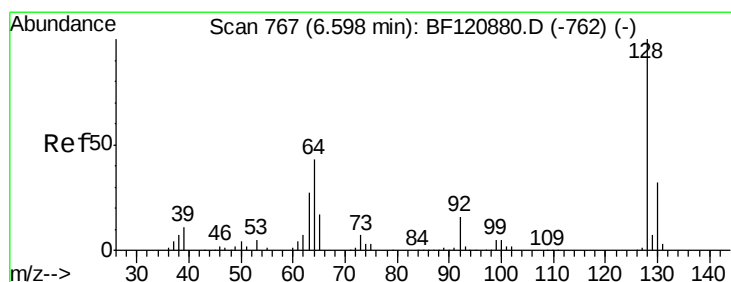
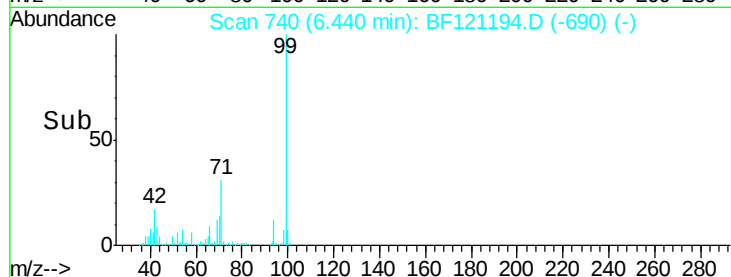
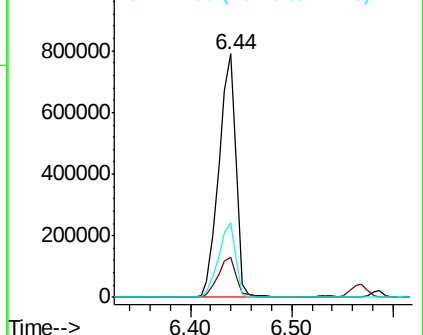
99 100

42 16.7 13.5 20.3

71 30.6 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: 39.118 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

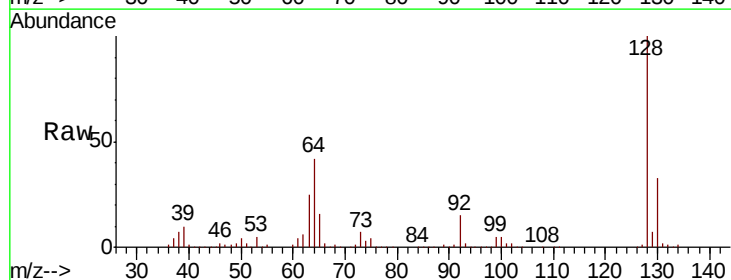
Tgt Ion: 128 Resp: 402009

Ion Ratio Lower Upper

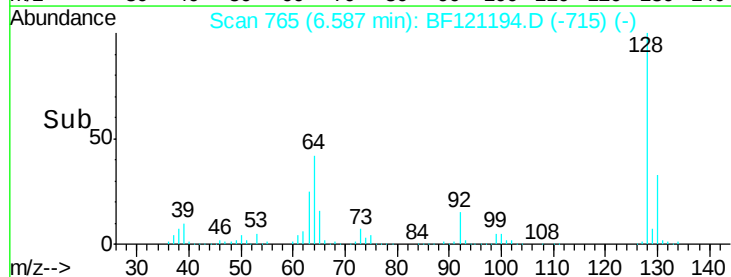
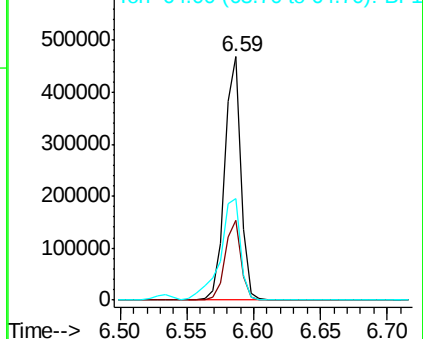
128 100

130 32.7 12.7 52.7

64 41.6 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: 42.329 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

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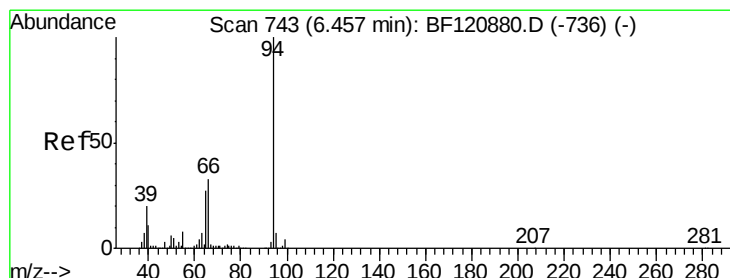
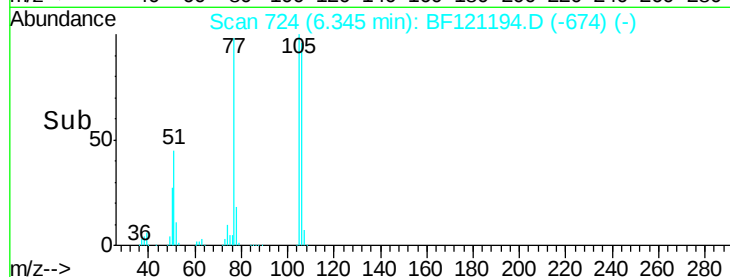
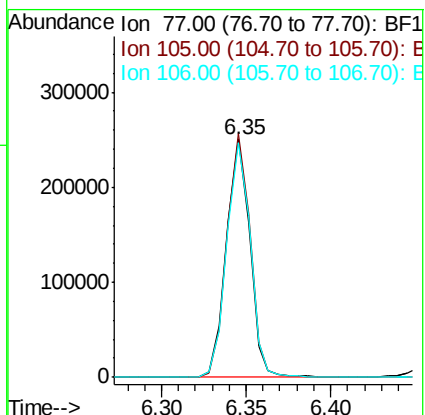
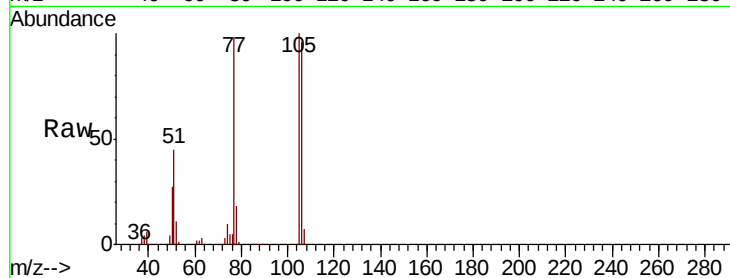
Tot Ion: 77 Resp: 243357

Ion Ratio Lower Upper

77 100

105 102.2 82.4 122.4

106 98.5 78.9 118.9



#10

Phenol

Concen: 37.013 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

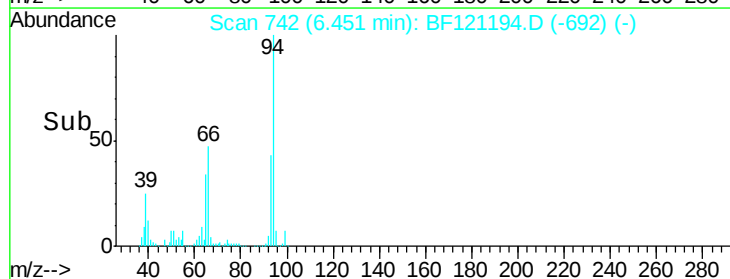
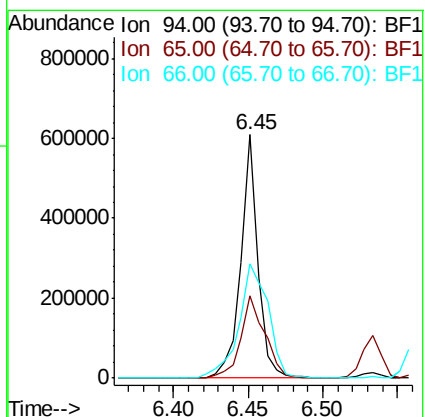
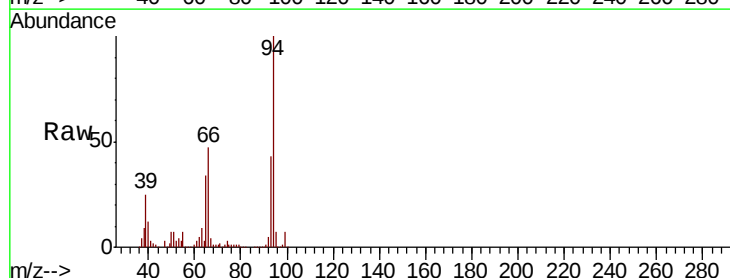
Tgt Ion: 94 Resp: 490632

Ion Ratio Lower Upper

94 100

65 33.6 12.6 52.6

66 47.1 25.6 65.6





#11

bis(2-Chloroethyl)ether

Concen: 38.961 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

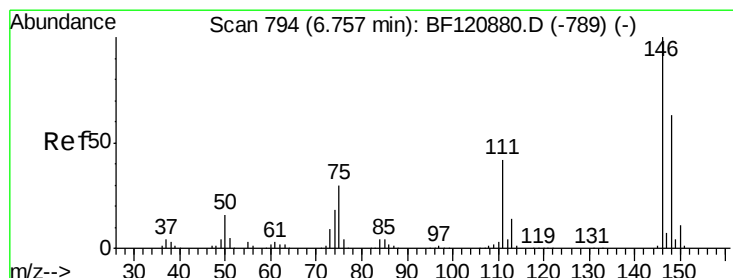
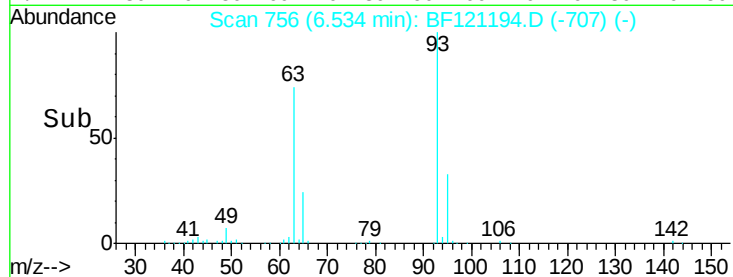
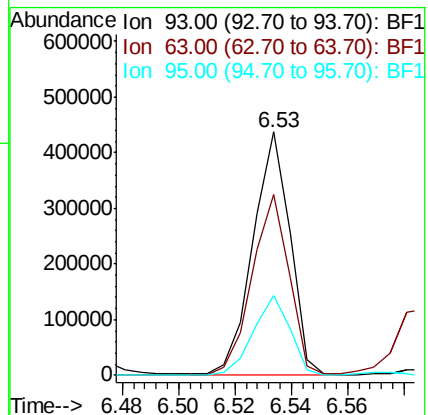
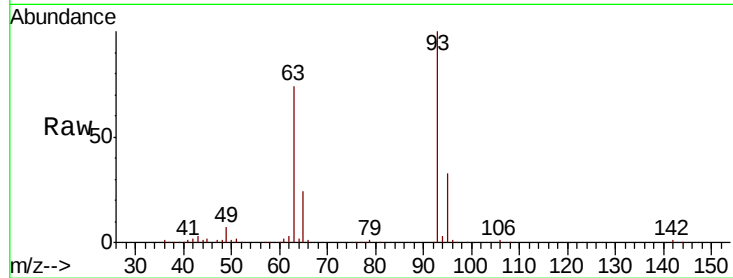
Tot Ion: 93 Resp: 395801

Ion Ratio Lower Upper

93 100

63 74.4 51.9 91.9

95 32.8 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 38.968 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

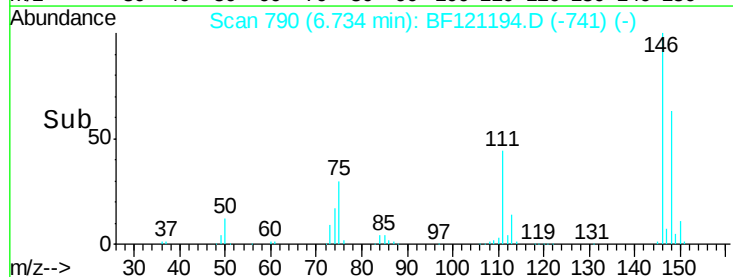
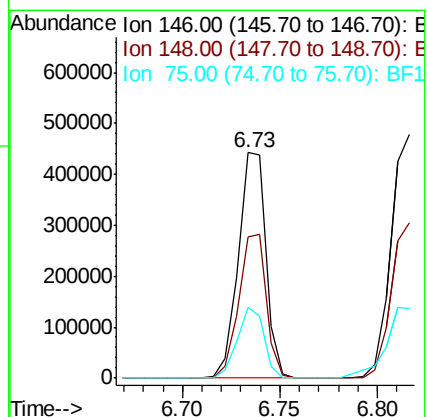
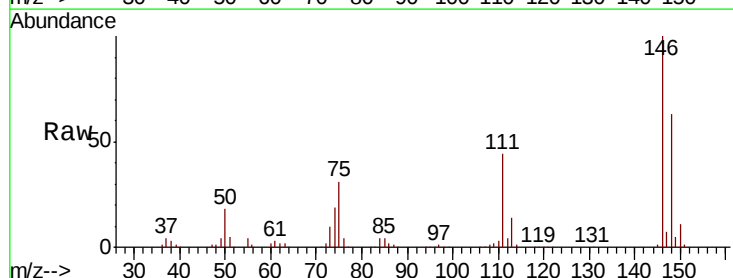
Tgt Ion: 146 Resp: 434245

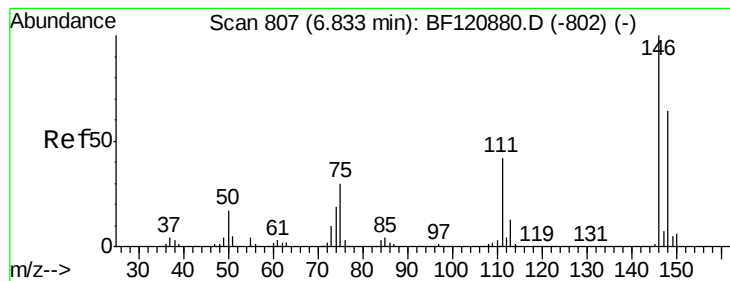
Ion Ratio Lower Upper

146 100

148 62.9 51.7 77.5

75 31.4 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 39.281 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

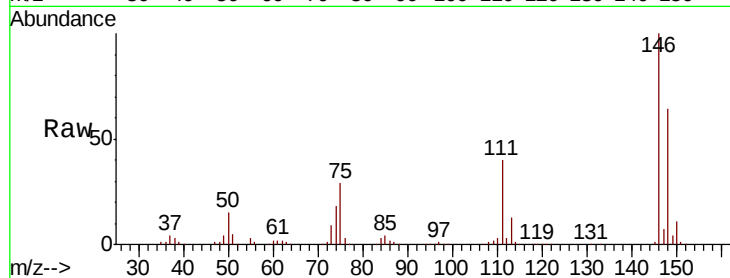
Tot Ion:146 Resp: 435265

Ion Ratio Lower Upper

146 100

148 63.9 50.5 75.7

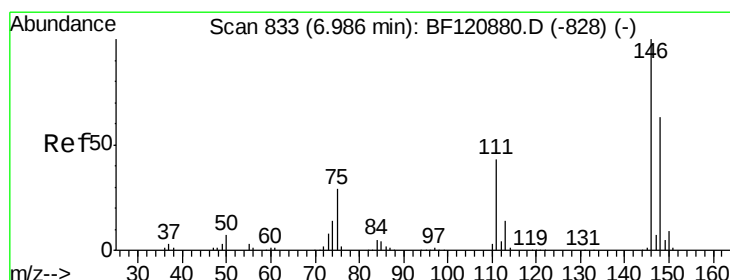
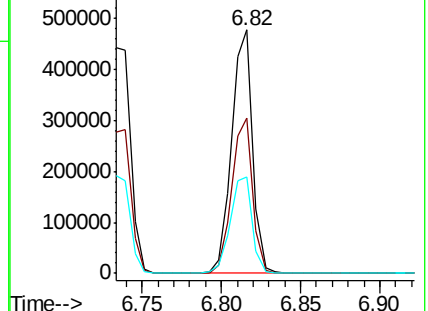
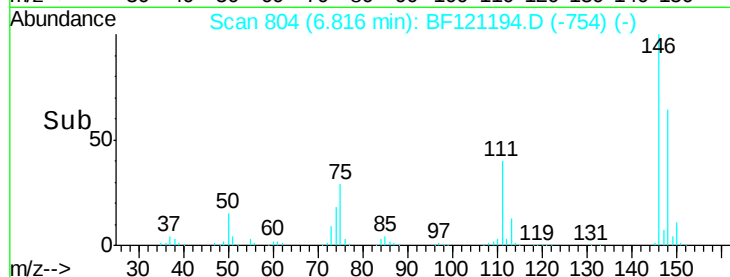
111 39.8 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.955 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

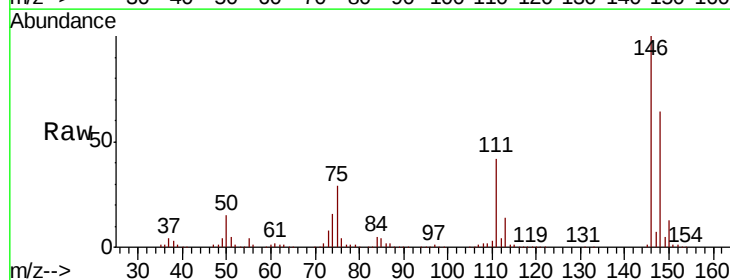
Tgt Ion:146 Resp: 408366

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

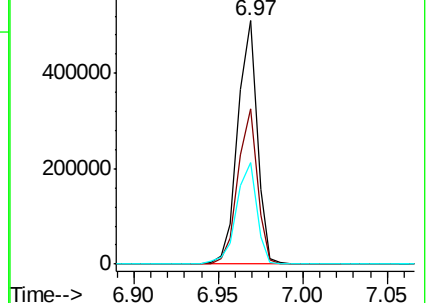
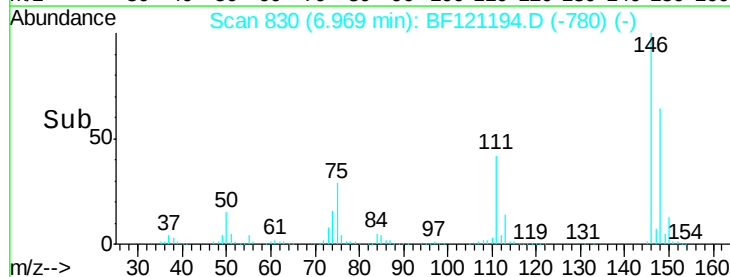
111 41.9 35.4 53.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.506 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

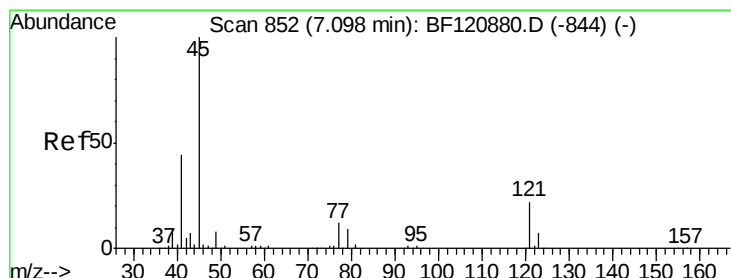
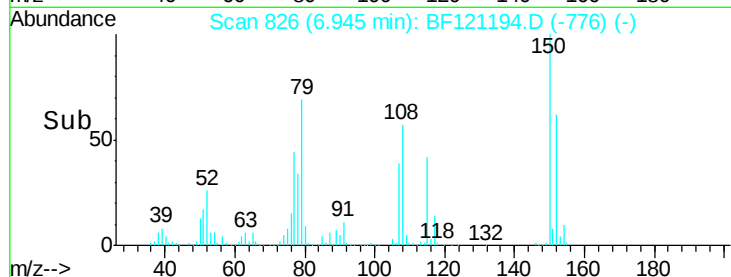
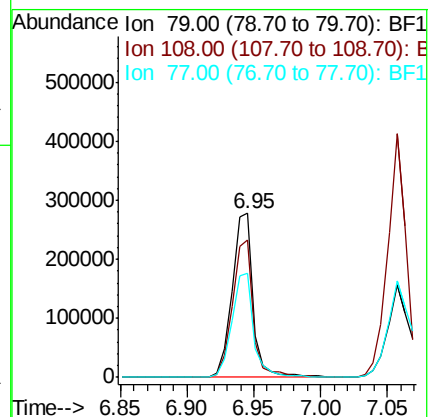
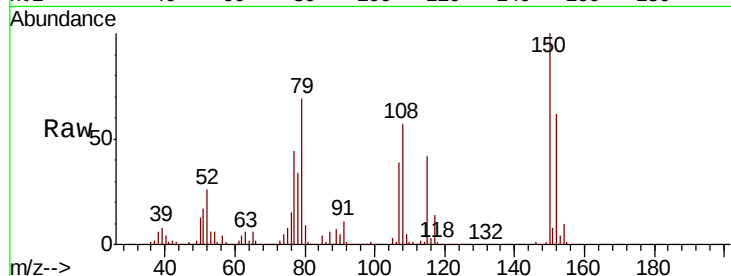
Tot Ion: 79 Resp: 311099

Ion Ratio Lower Upper

79 100

108 83.8 68.6 103.0

77 63.7 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.574 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

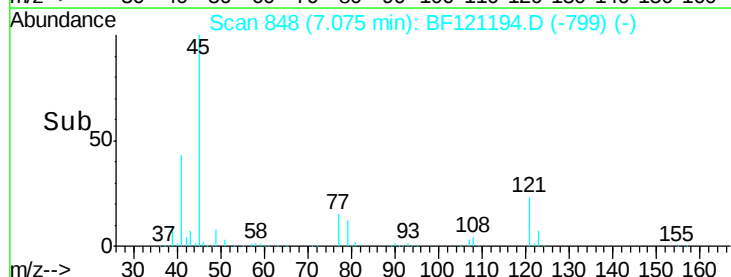
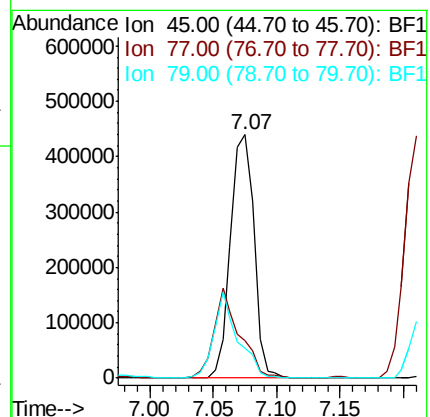
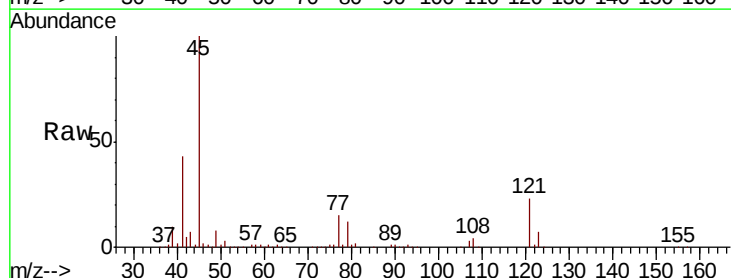
Tgt Ion: 45 Resp: 564826

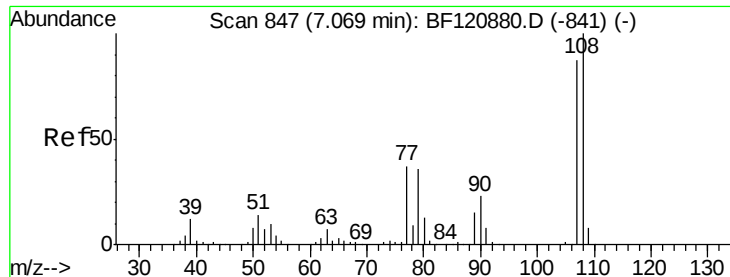
Ion Ratio Lower Upper

45 100

77 15.3 0.0 34.7

79 12.2 0.0 32.0

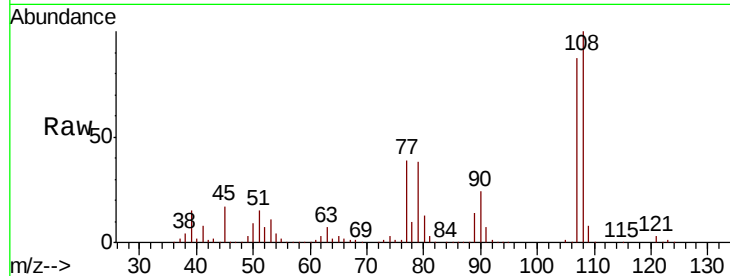




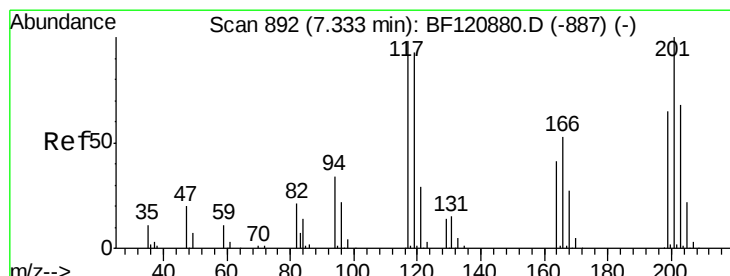
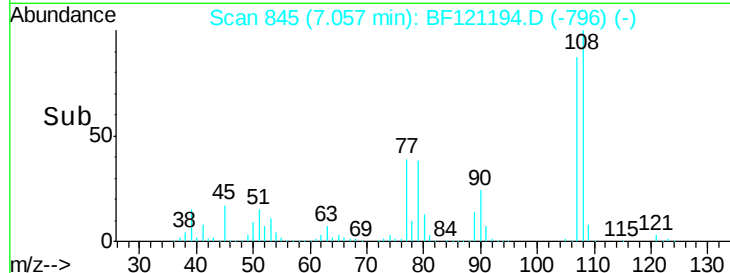
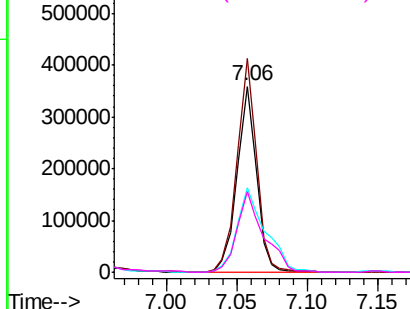
#17
2-Methylphenol
Concen: 38.044 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121194.D
Acq: 6 Aug 2020 9:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	346533
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.2	136.8
77	45.3	36.5	54.7
79	43.7	35.0	52.6

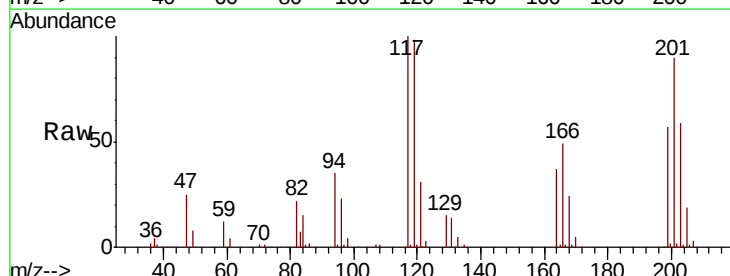


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

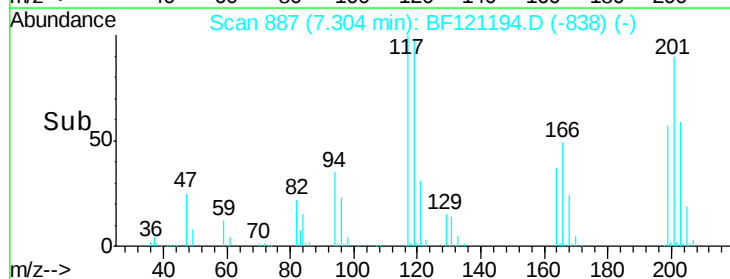
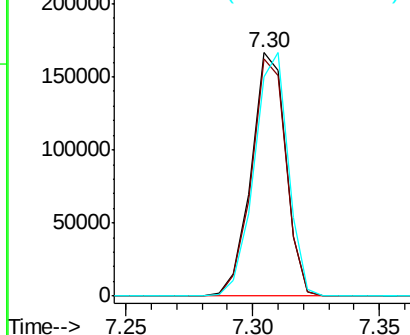


#18
Hexachloroethane
Concen: 39.742 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF121194.D
Acq: 6 Aug 2020 9:10

Tgt Ion:	117	Resp:	159390
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.6	114.8
201	90.2	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

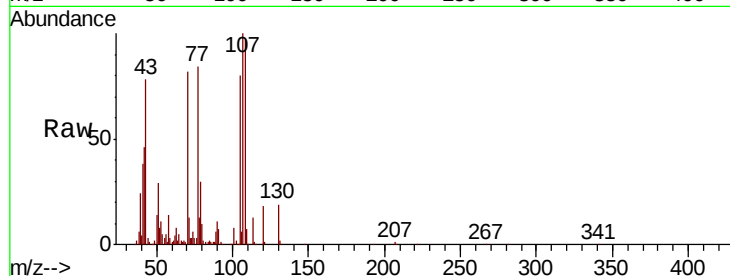




#19
n-Nitroso-di-n-propylamine
Concen: 36.192 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121194.D
Acq: 6 Aug 2020 9:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	247996
Ion	Ratio	Lower	Upper
70	100		
42	56.2	43.3	64.9
101	9.7	8.4	12.6
130	22.9	18.7	28.1



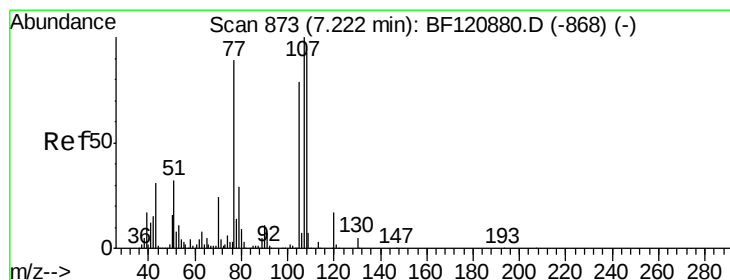
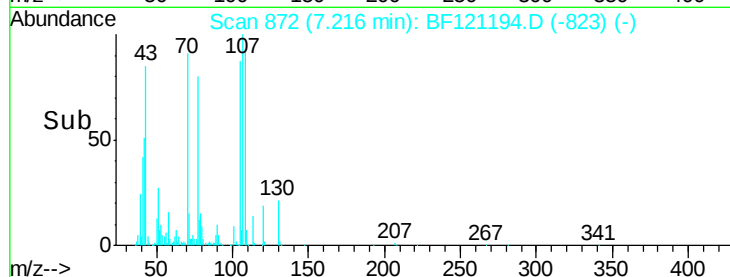
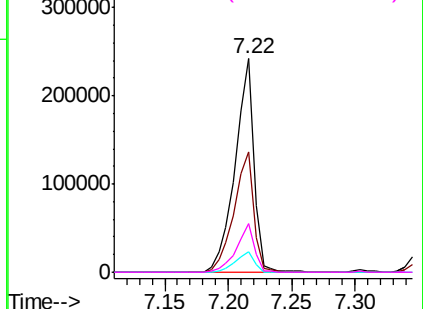
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 34.500 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121194.D
Acq: 6 Aug 2020 9:10

Tgt Ion:	107	Resp:	399750
Ion	Ratio	Lower	Upper
107	100		
108	89.4	73.7	113.7
77	115.7	84.9	124.9
79	27.3	10.7	50.7

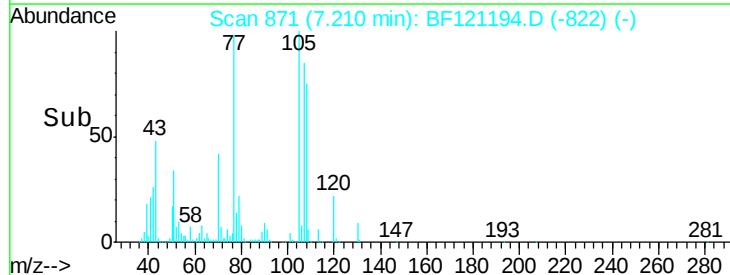
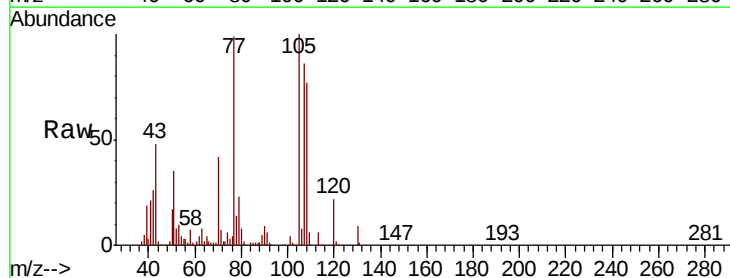
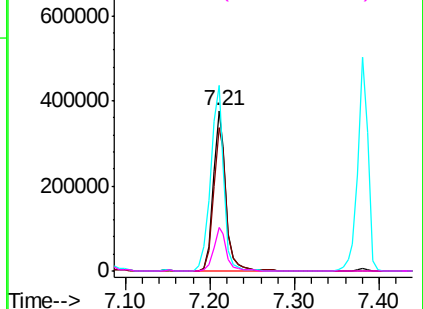
Abundance

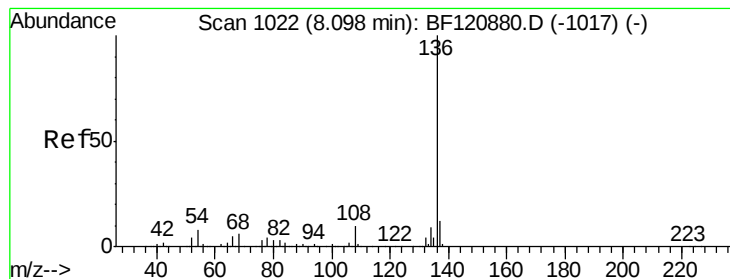
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 552076

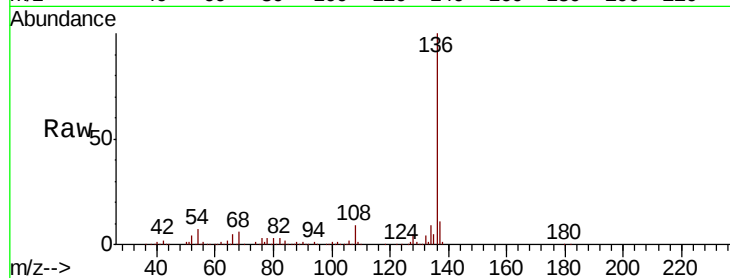
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.2 6.1 9.1

68 5.7 5.0 7.6

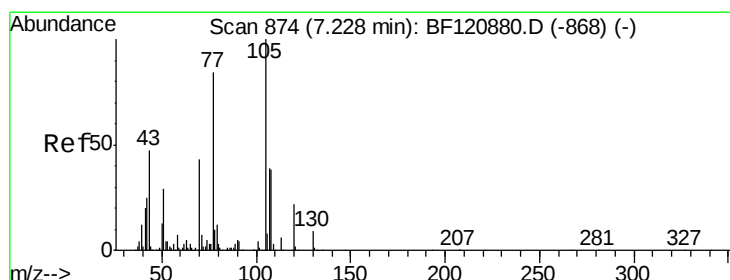
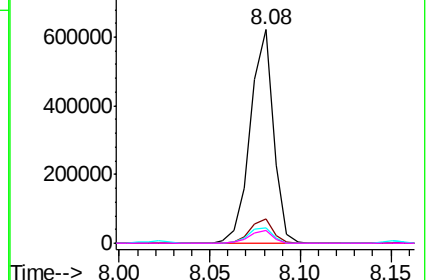
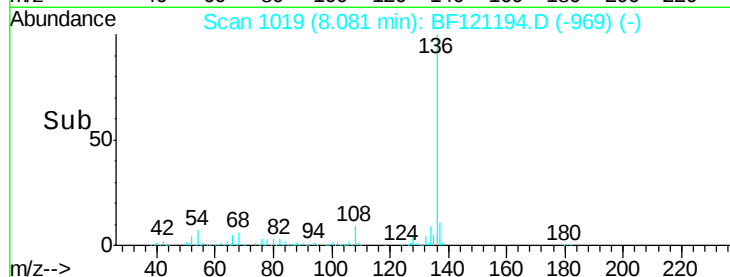


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.676 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Tgt Ion:105 Resp: 491595

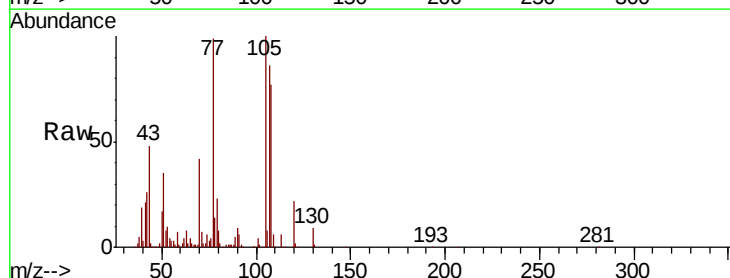
Ion Ratio Lower Upper

105 100

71 7.0 3.8 5.8#

51 35.1 28.0 42.0

120 21.8 17.8 26.6

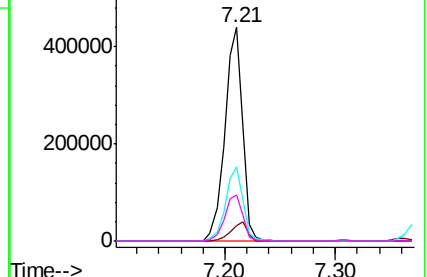
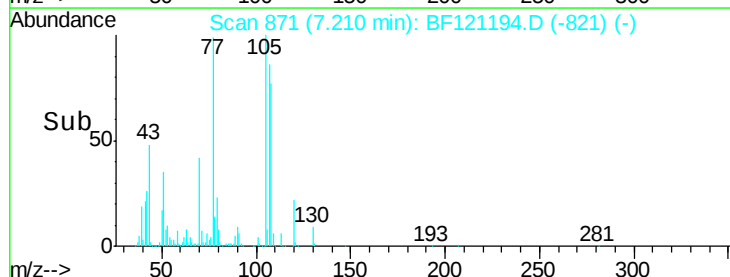


Abundance Ion 105.00 (104.70 to 105.70): E

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

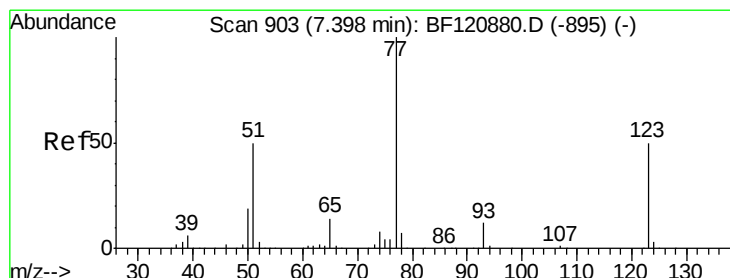
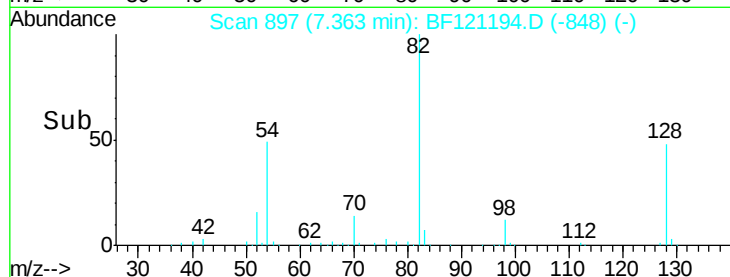
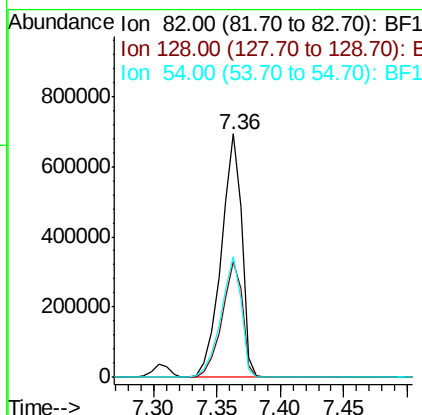
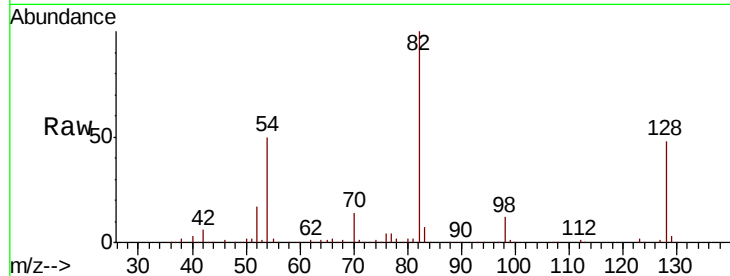




#23
Nitrobenzene-d5
Concen: 81.625 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121194.D
Acq: 6 Aug 2020 9:10

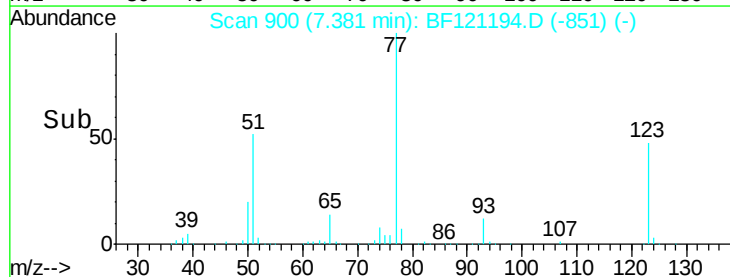
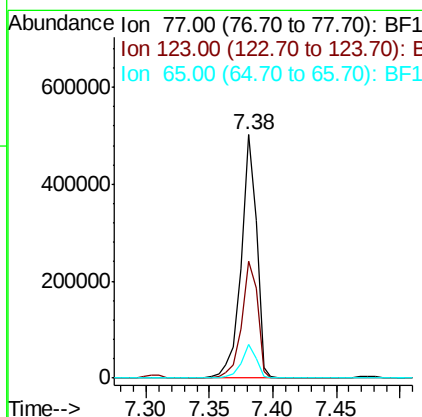
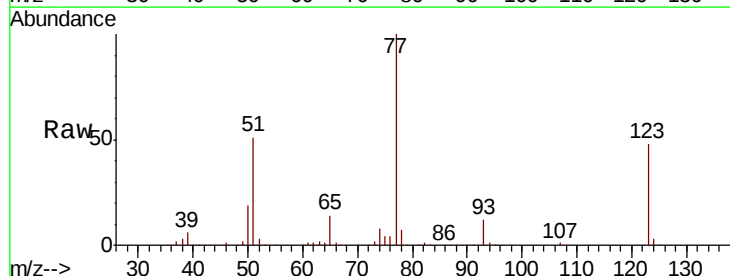
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

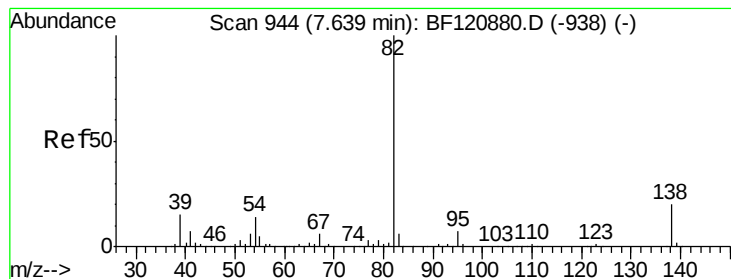
Tot Ion	82	Resp	778792
Ion Ratio	100		
Lower	39.2		
Upper	58.8		
128	47.7		
54	49.5		
	37.8		



#24
Nitrobenzene
Concen: 40.636 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF121194.D
Acq: 6 Aug 2020 9:10

Tgt Ion	77	Resp	417872
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	41.0		
Upper	61.6		
123	48.1		
65	13.6		
	10.3		





#25

Isophorone

Concen: 38.859 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

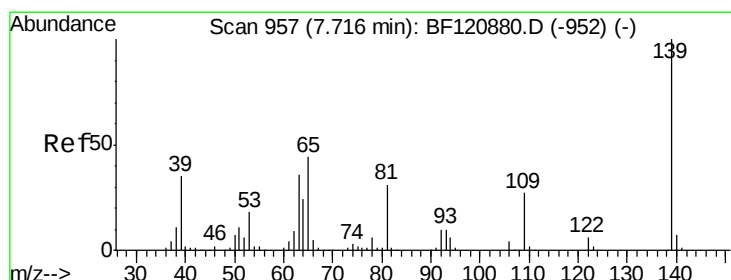
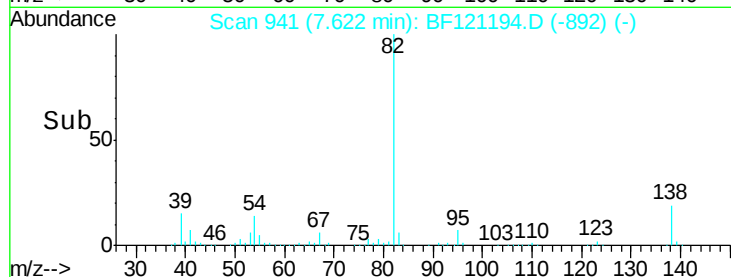
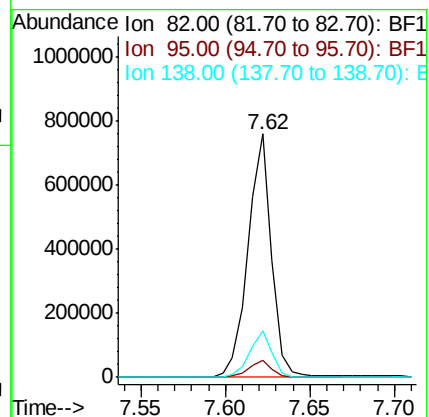
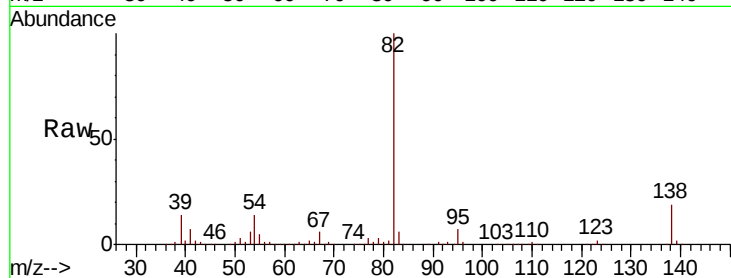
Tot Ion: 82 Resp: 739941

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 19.3 16.2 24.2



#26

2-Nitrophenol

Concen: 44.100 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

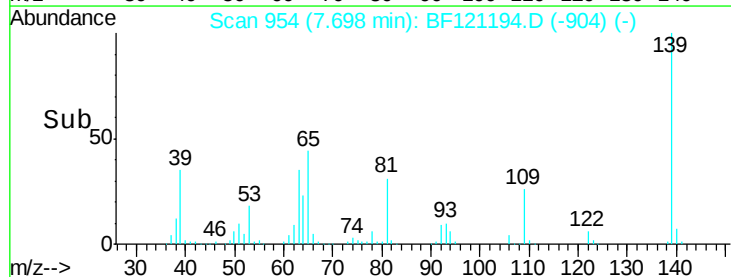
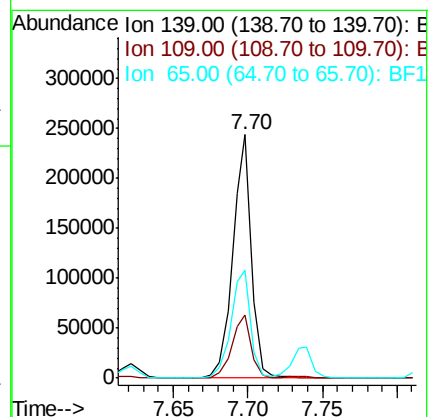
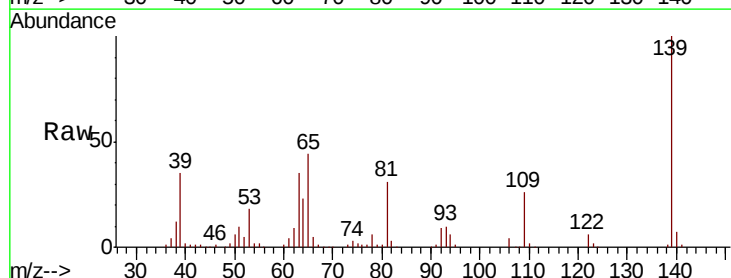
Tgt Ion: 139 Resp: 215382

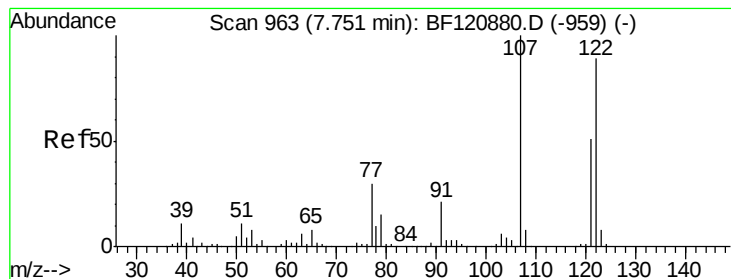
Ion Ratio Lower Upper

139 100

109 25.8 21.7 32.5

65 44.2 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 39.650 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

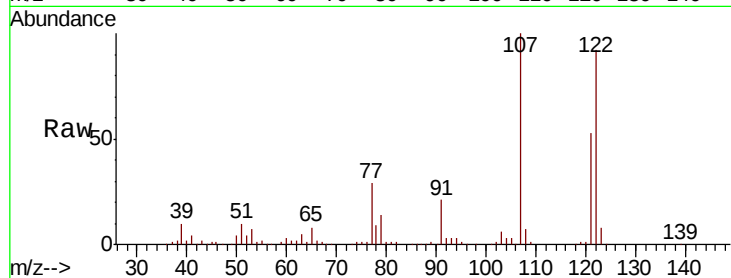
Tot Ion:122 Resp: 314405

Ion Ratio Lower Upper

122 100

107 109.0 87.1 130.7

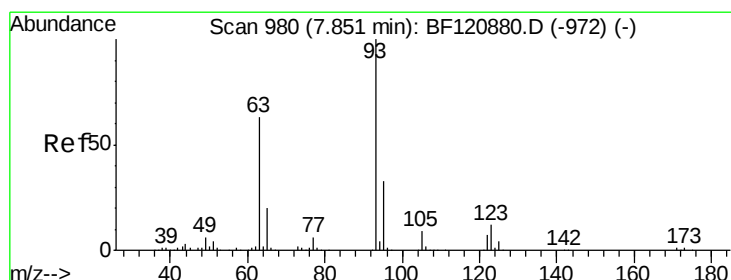
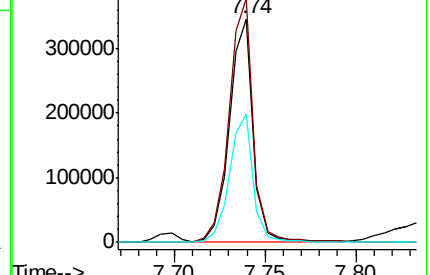
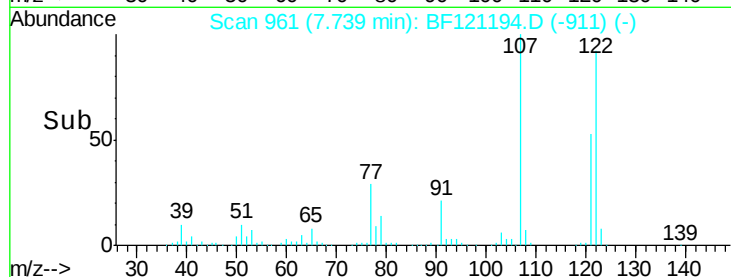
121 57.6 45.5 68.3



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: 40.142 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

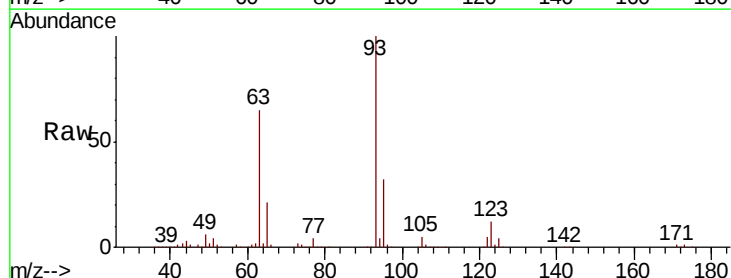
Tgt Ion: 93 Resp: 466596

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

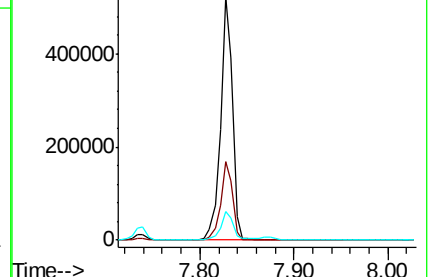
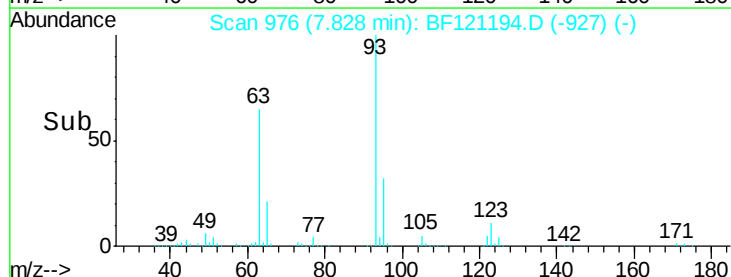
123 11.6 9.5 14.3

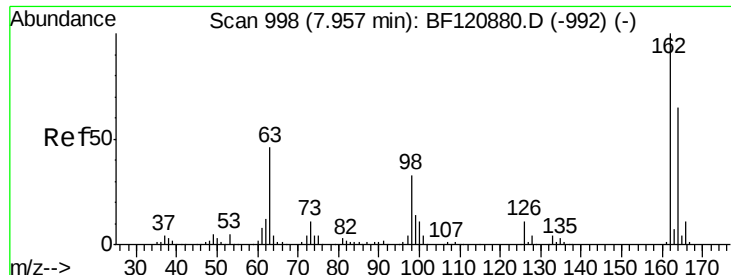


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

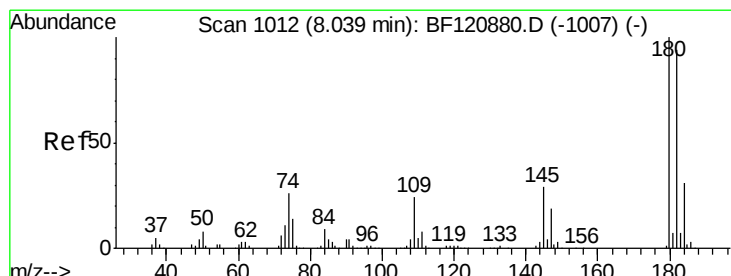
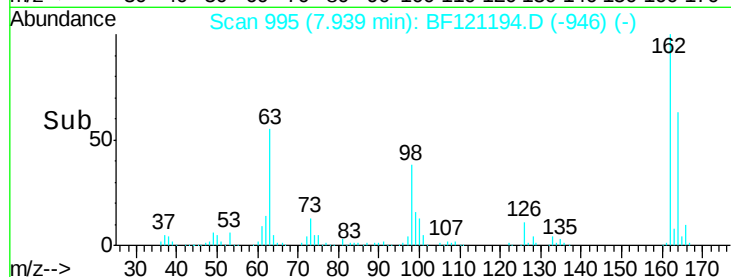
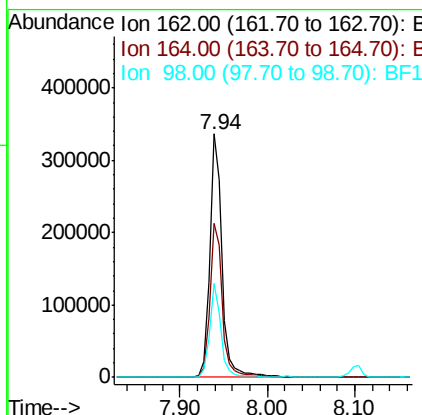
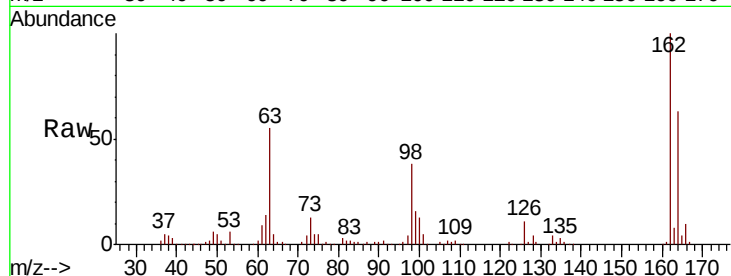




#29
 2,4-Dichlorophenol
 Concen: 40.275 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

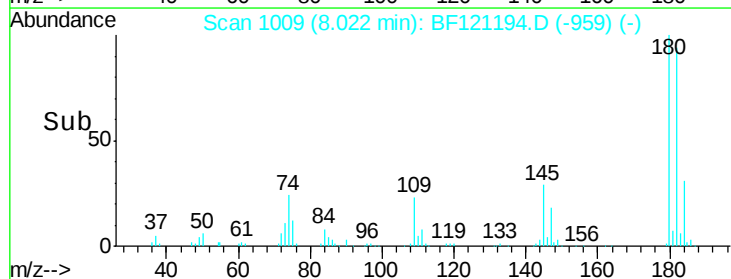
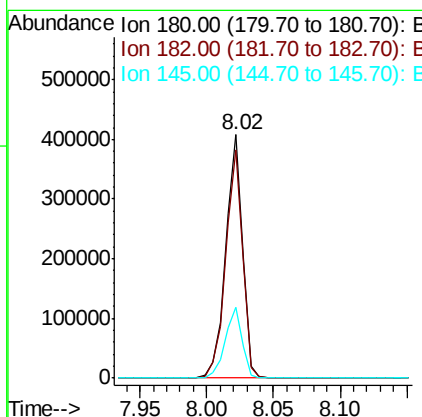
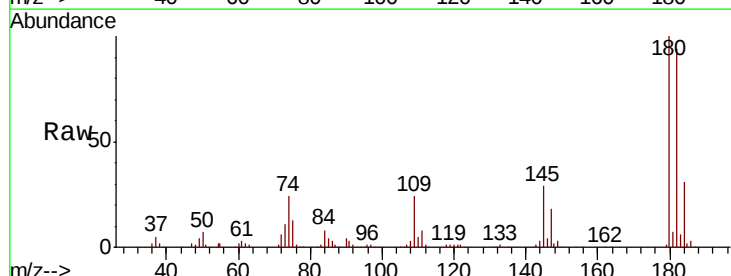
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

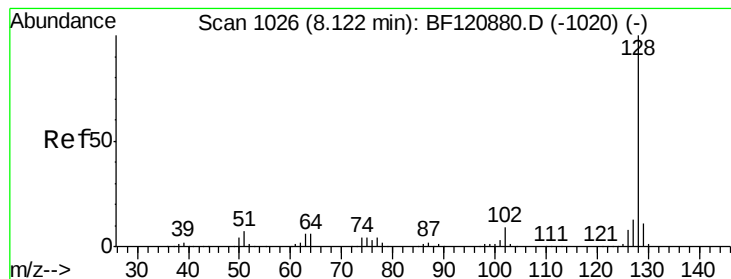
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.7	84.7
98	38.4	14.2	54.2



#30
 1,2,4-Trichlorobenzene
 Concen: 40.430 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.4	114.6
145	28.9	24.2	36.4





#31

Naphthalene

Concen: 39.168 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

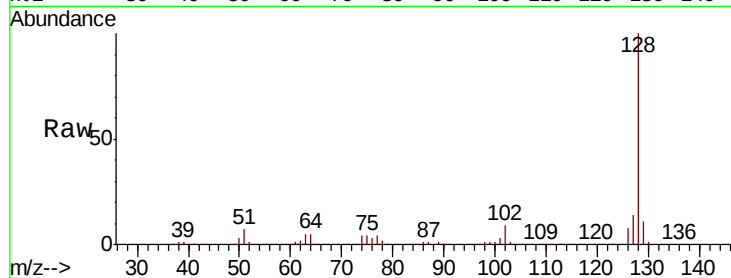
Tot Ion:128 Resp: 1109203

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

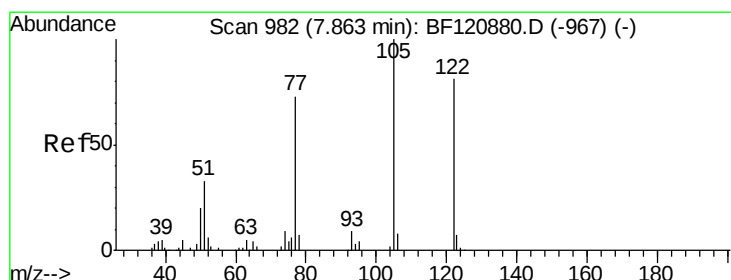
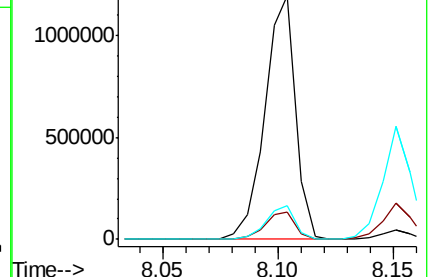
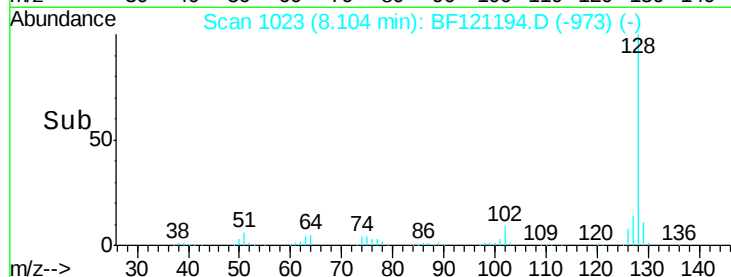
127 13.6 10.8 16.2



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: 40.218 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

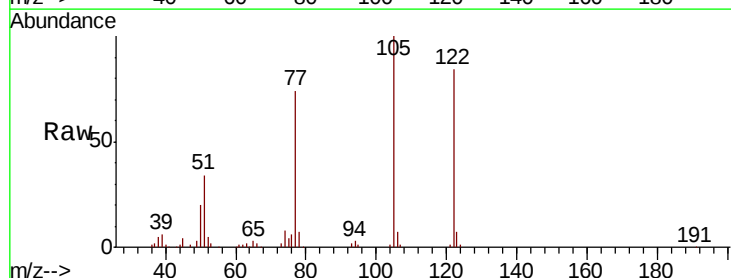
Tgt Ion:122 Resp: 239397

Ion Ratio Lower Upper

122 100

105 118.9 100.9 140.9

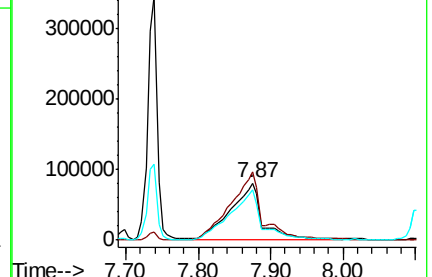
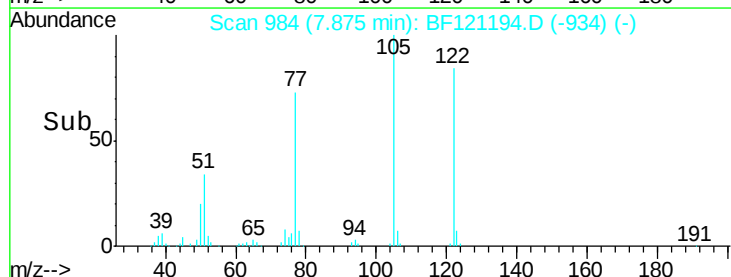
77 87.4 67.8 107.8



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

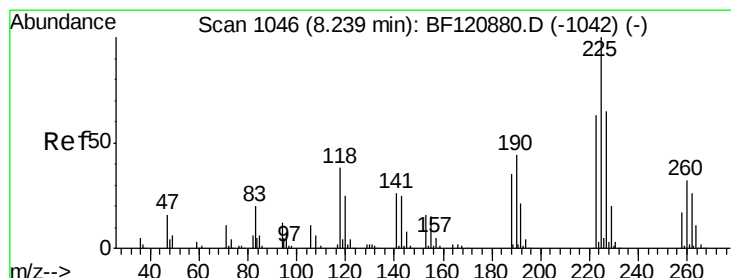
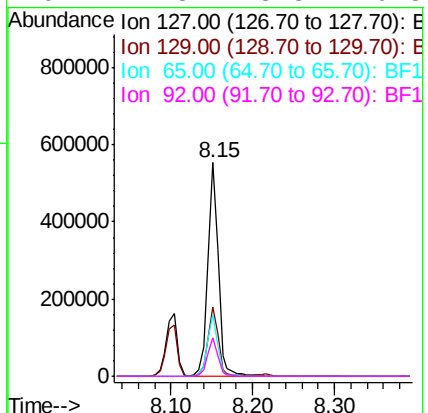
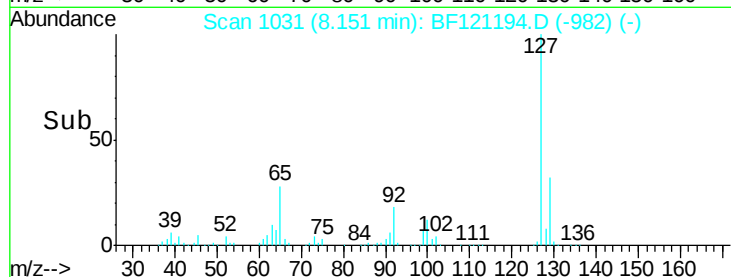
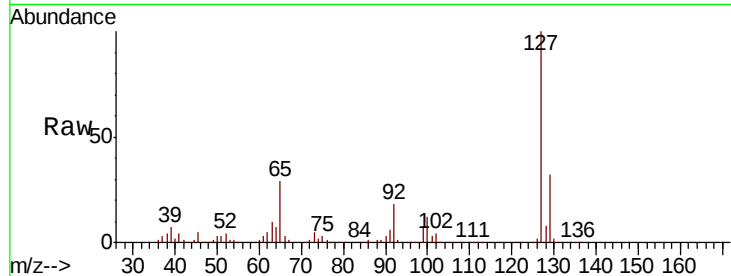




#33
 4-Chloroaniline
 Concen: 38.758 ng
 RT: 8.15 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

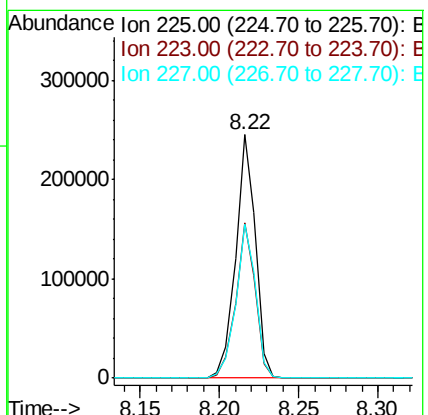
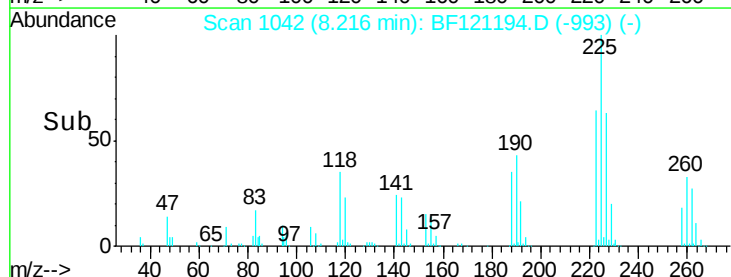
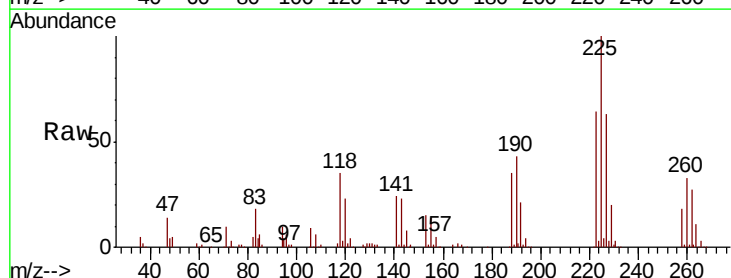
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

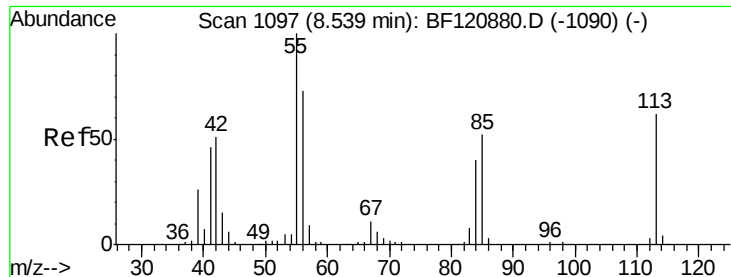
Tot Ion:	127	Resp:	489625
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	28.6	21.4	32.0
92	17.8	13.8	20.8



#34
 Hexachlorobutadiene
 Concen: 40.028 ng
 RT: 8.22 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

Tgt Ion:	225	Resp:	212134
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.7	74.5
227	63.4	51.4	77.0

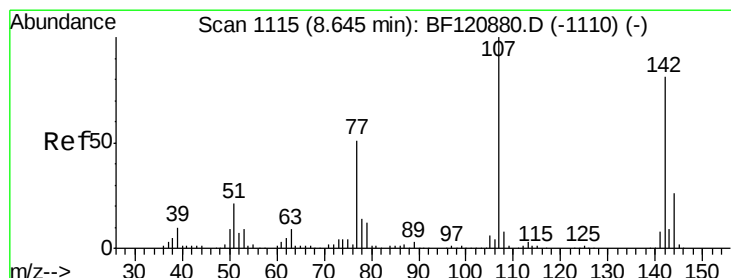
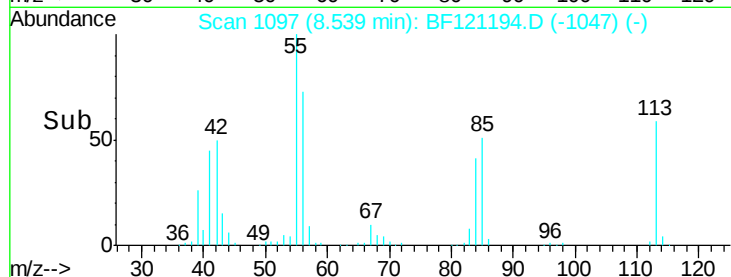
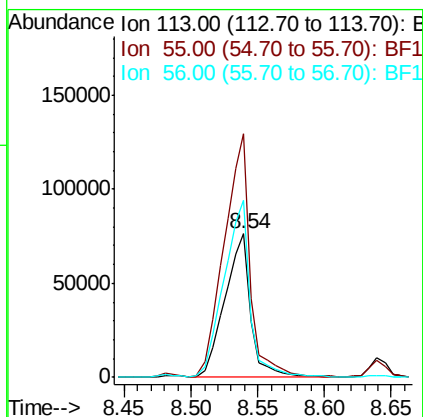
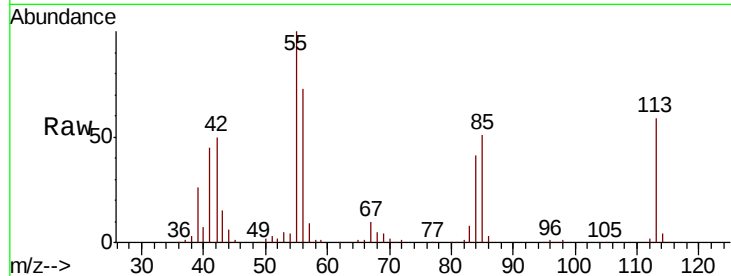




#35
 Caprolactam
 Concen: 40.275 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

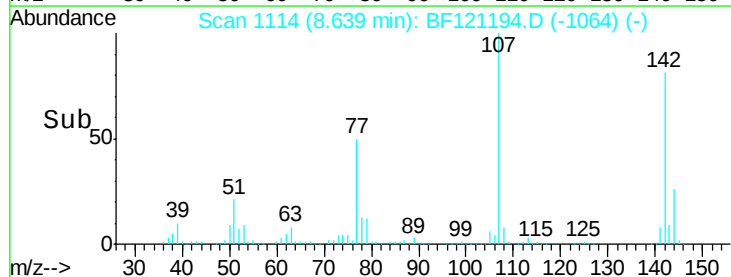
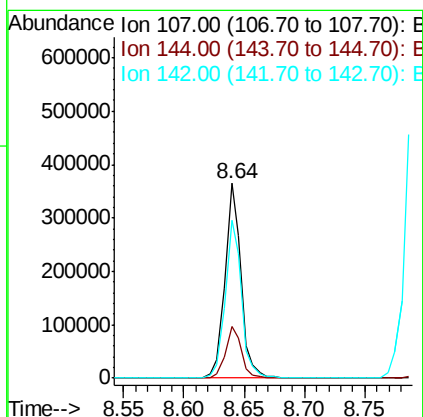
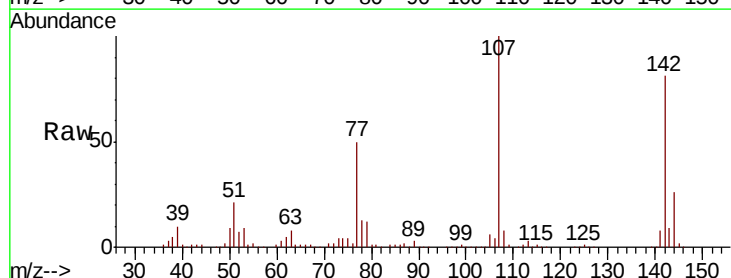
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

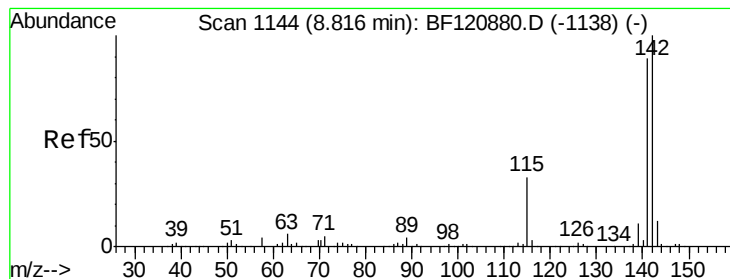
Tot Ion:113 Resp: 104652
 Ion Ratio Lower Upper
 113 100
 55 170.1 131.0 171.0
 56 124.0 90.4 130.4



#36
 4-Chloro-3-methylphenol
 Concen: 40.560 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

Tgt Ion:107 Resp: 337061
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.9 31.3
 142 81.1 64.5 96.7





#37

2-Methylnaphthalene

Concen: 40.030 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

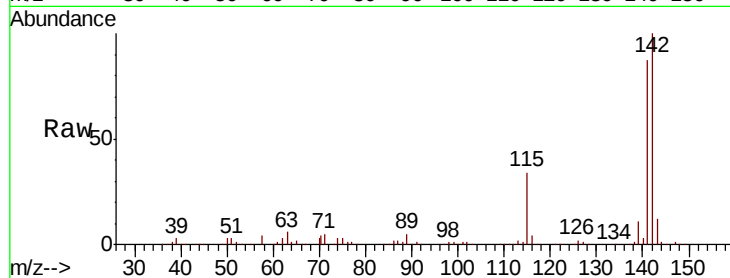
Tot Ion:142 Resp: 736051

Ion Ratio Lower Upper

142 100

141 87.3 70.6 105.8

115 33.7 27.1 40.7



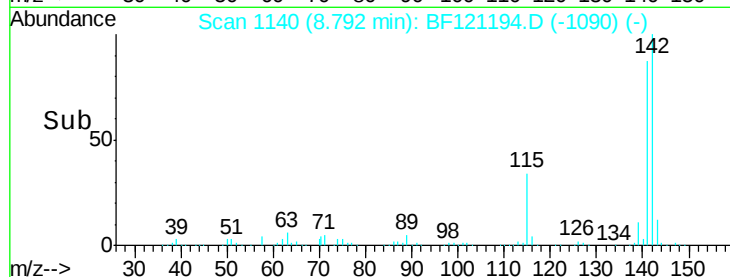
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

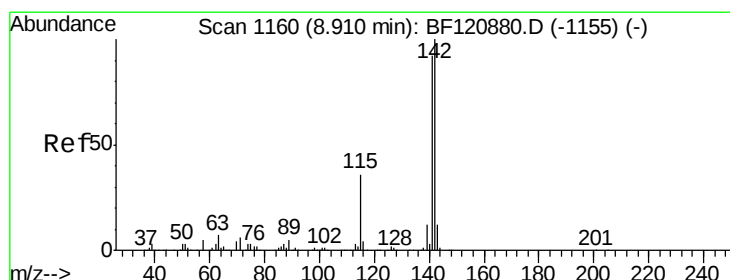
8.79

Time-->



8.79

Time-->



#38

1-Methylnaphthalene

Concen: 39.232 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

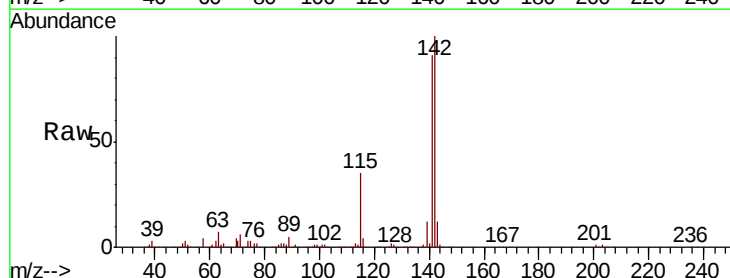
Tgt Ion:142 Resp: 683216

Ion Ratio Lower Upper

142 100

141 91.4 73.0 109.6

116 3.6 3.0 4.6



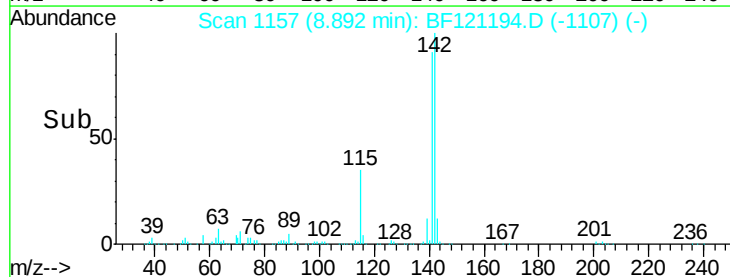
Abundance Ion 142.00 (141.70 to 142.70): E

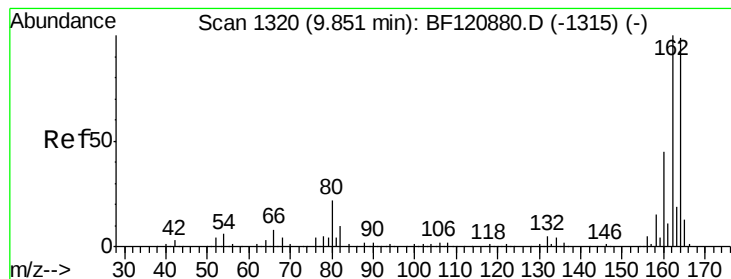
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.89

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

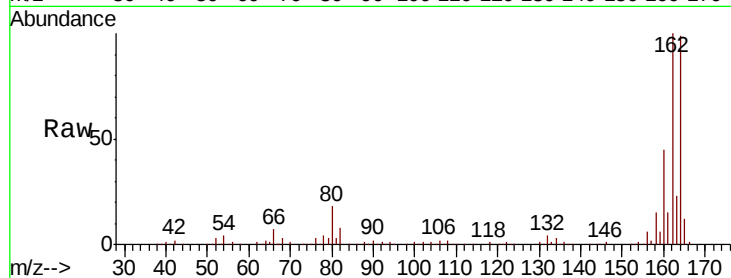
Tot Ion:164 Resp: 282222

Ion Ratio Lower Upper

164 100

162 101.1 82.2 123.2

160 45.3 37.2 55.8

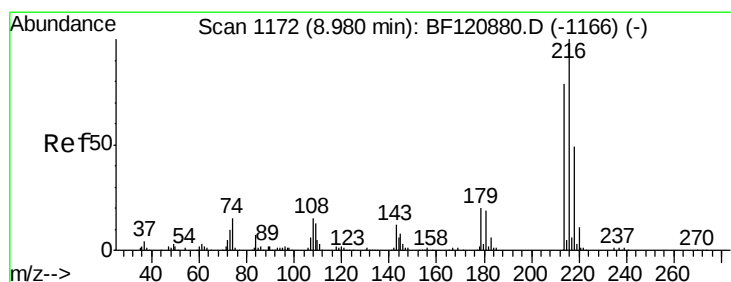
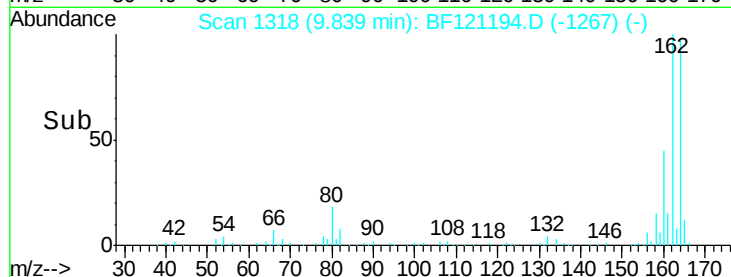
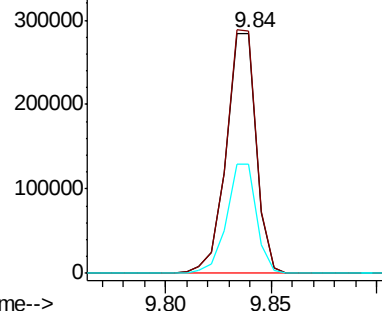


Abundance

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: 41.917 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Tgt Ion:216 Resp: 344675

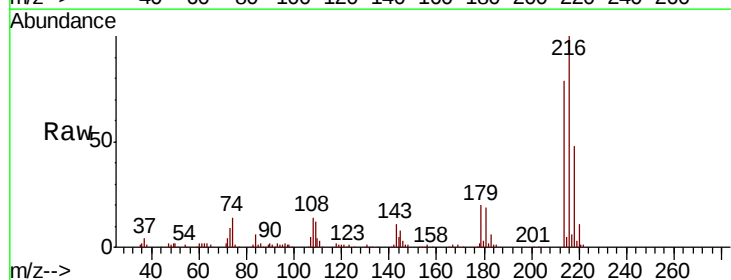
Ion Ratio Lower Upper

216 100

214 79.6 63.9 95.9

179 20.5 16.6 24.8

108 18.2 15.0 22.4



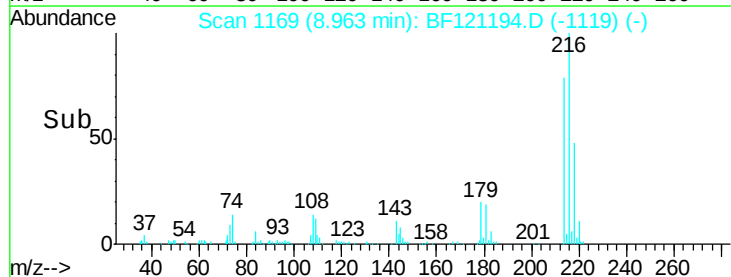
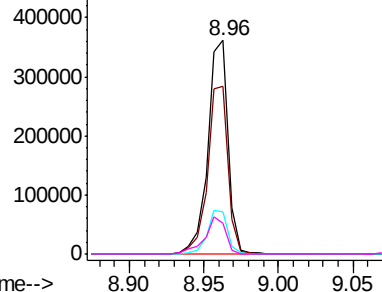
Abundance

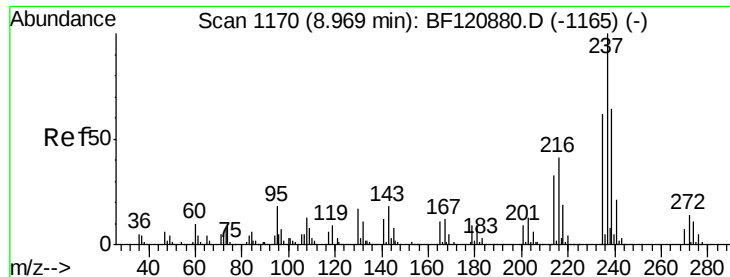
Ion 216.00 (215.70 to 216.70): E

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: 33.996 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

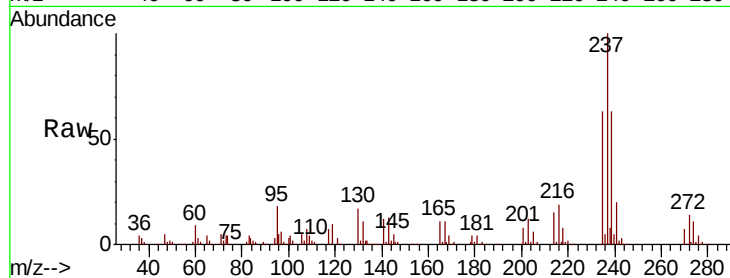
Tot Ion:237 Resp: 154494

Ion Ratio Lower Upper

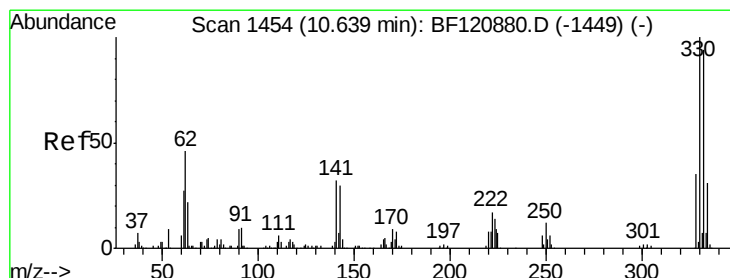
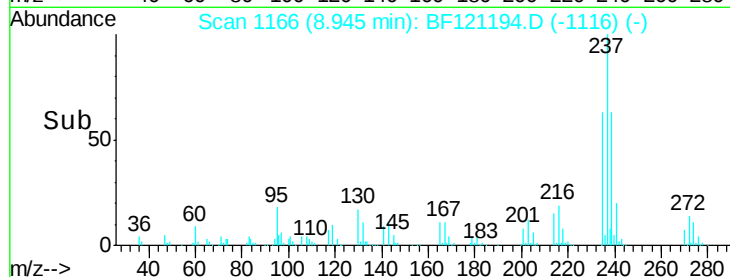
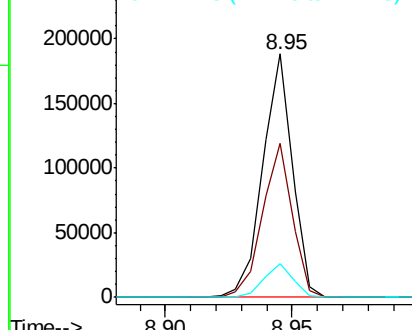
237 100

235 63.0 43.2 83.2

272 13.9 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: 79.079 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

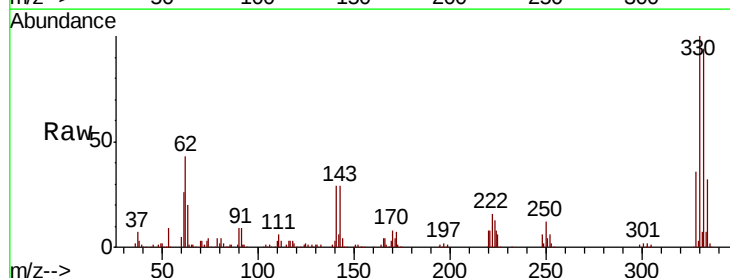
Tgt Ion:330 Resp: 244291

Ion Ratio Lower Upper

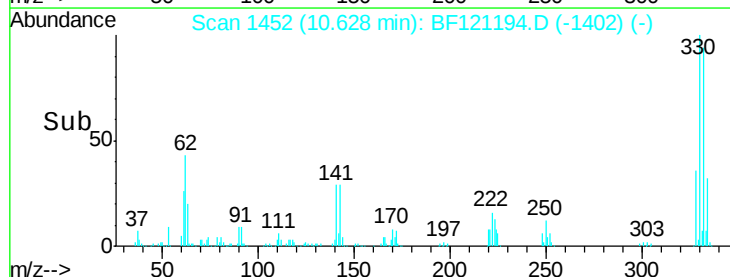
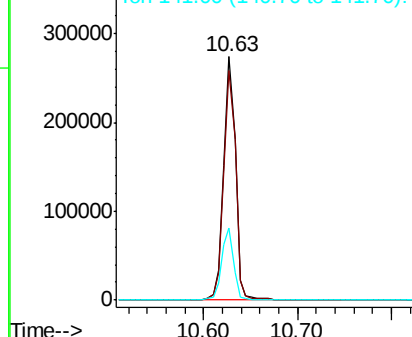
330 100

332 96.1 76.1 114.1

141 29.7 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

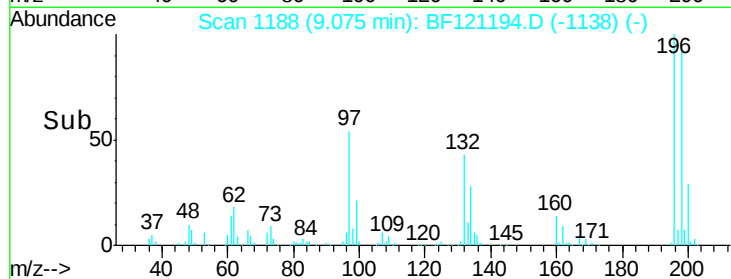
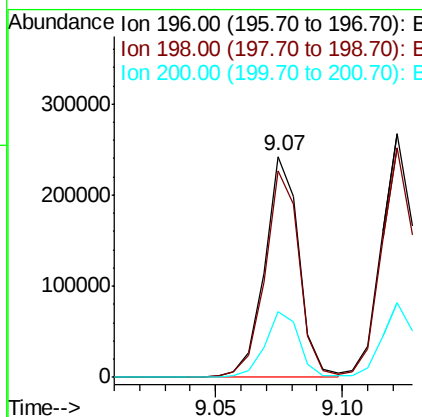
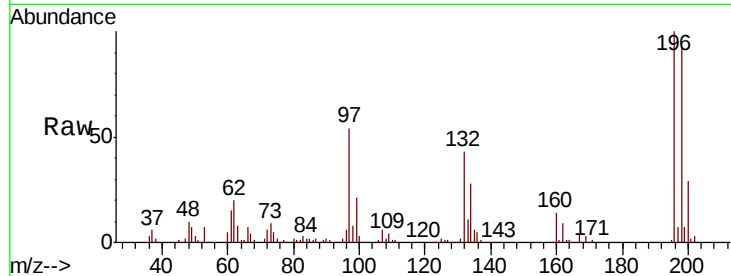




#43
 2,4,6-Trichlorophenol
 Concen: 39.552 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

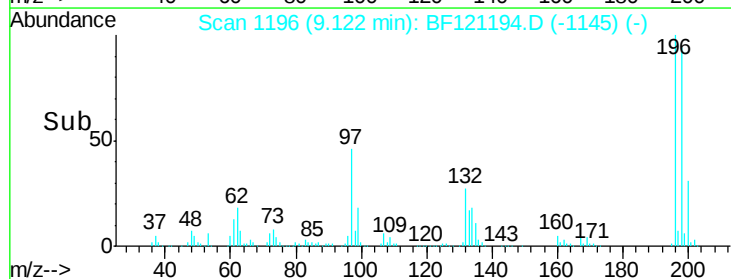
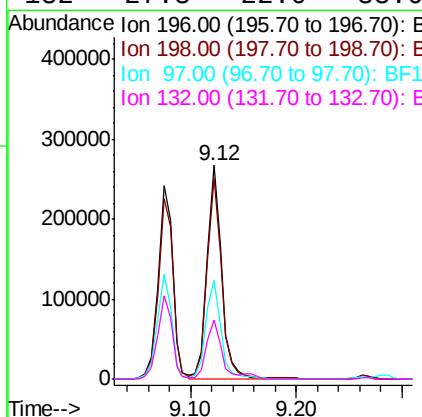
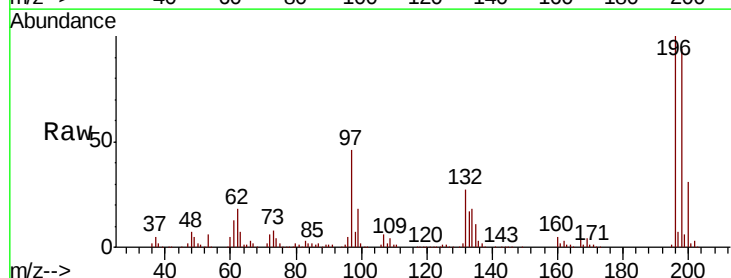
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

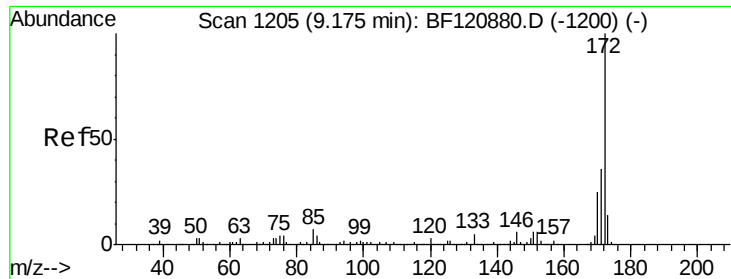
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.4	77.5	116.3
200	29.5	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 39.295 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	76.2	114.4
97	46.3	37.3	55.9
132	27.3	22.0	33.0

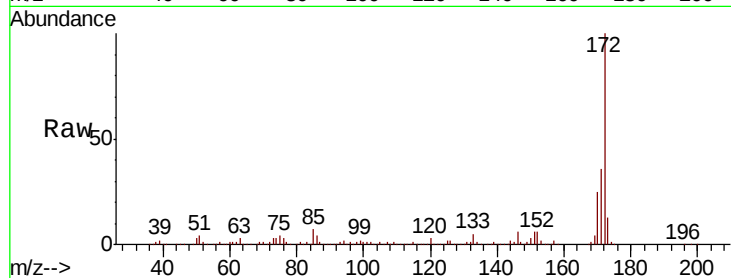




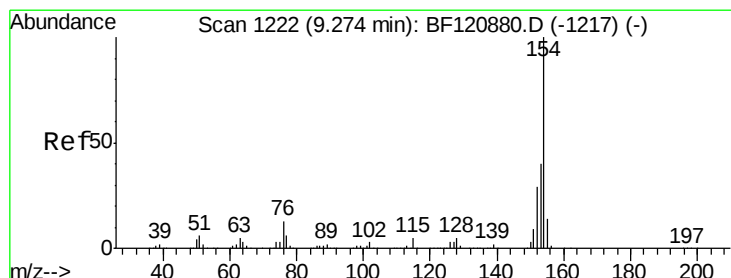
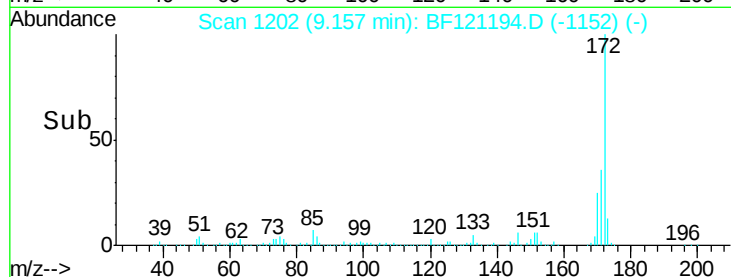
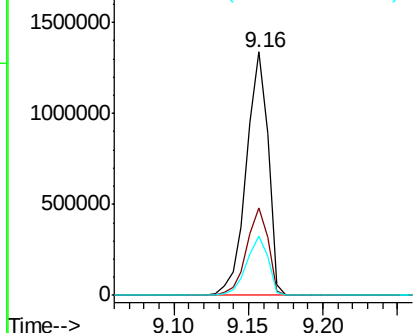
#45
 2-Fluorobiphenyl
 Concen: 71.358 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 1348840
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 24.6 19.6 29.4

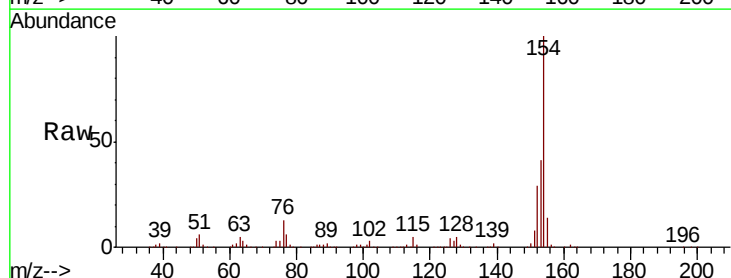


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

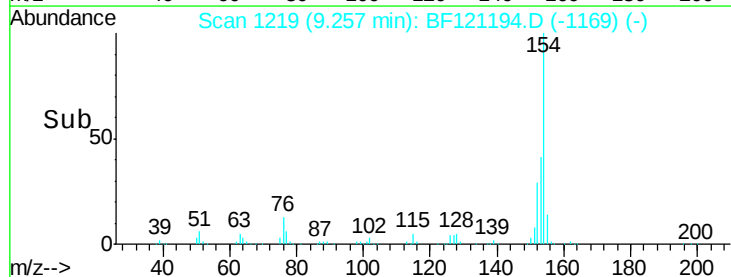
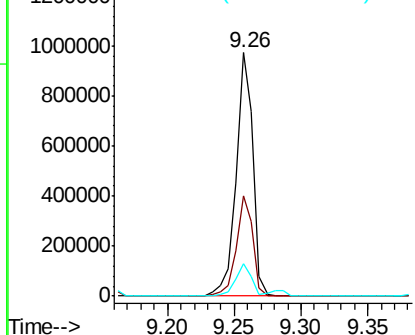


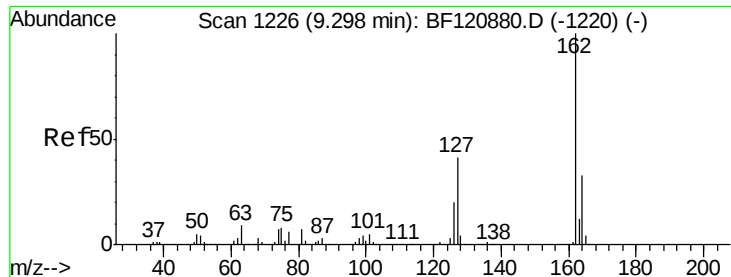
#46
 1,1'-Biphenyl
 Concen: 39.666 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

Tgt Ion:154 Resp: 853920
 Ion Ratio Lower Upper
 154 100
 153 41.3 20.6 60.6
 76 13.4 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

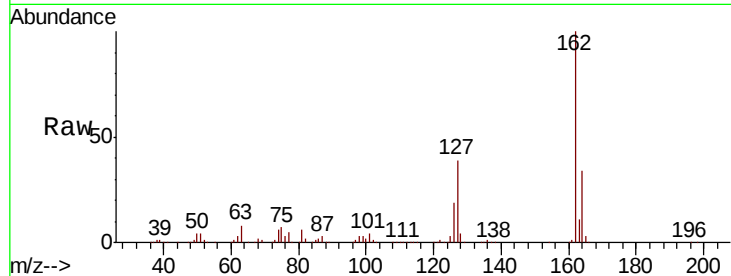




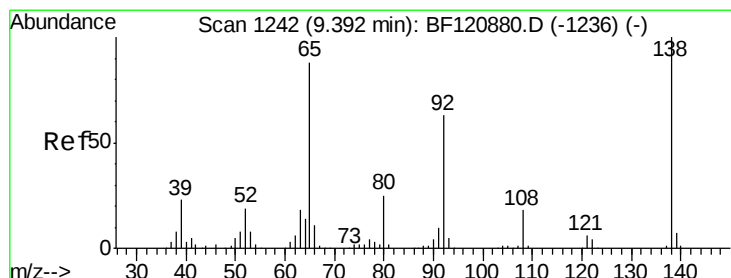
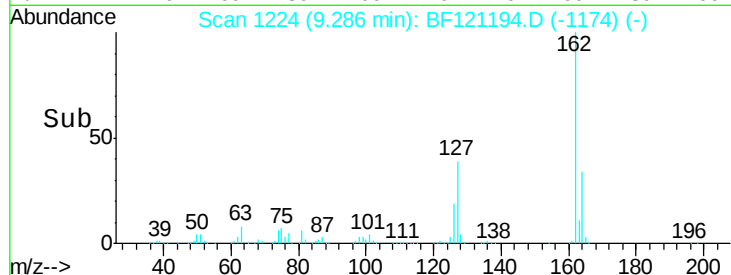
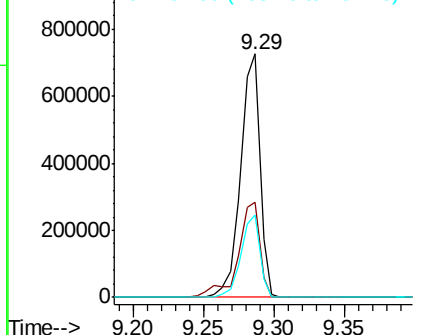
#47
 2-Chloronaphthalene
 Concen: 39.680 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.1	46.7
164	33.9	26.6	40.0

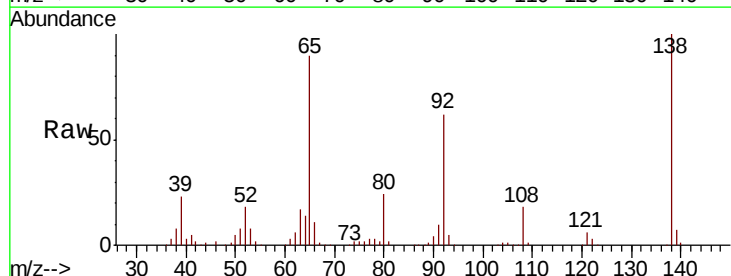


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

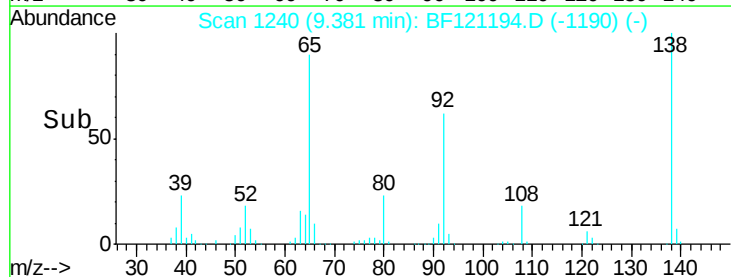
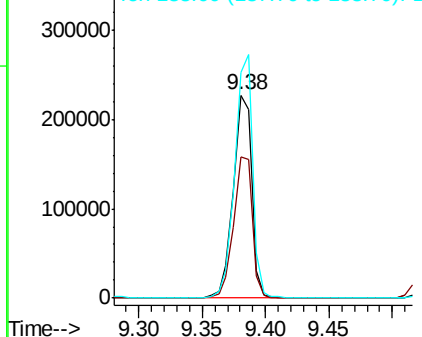


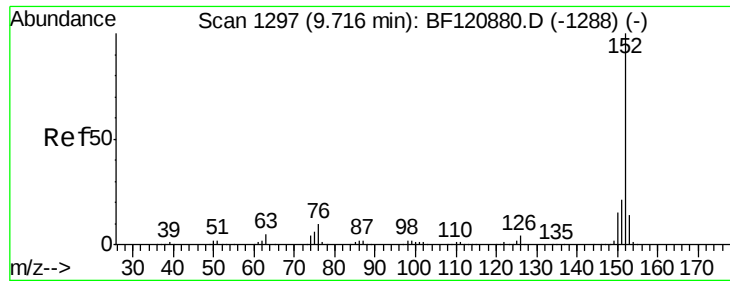
#48
 2-Nitroaniline
 Concen: 42.891 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	58.0	87.0
138	111.5	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: 39.468 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

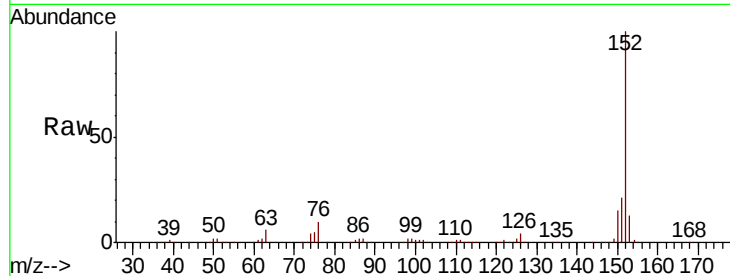
Tot Ion:152 Resp: 1076172

Ion Ratio Lower Upper

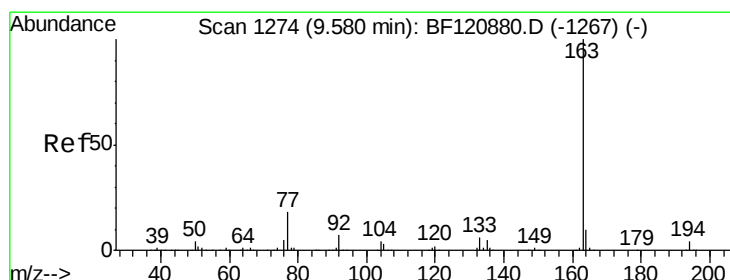
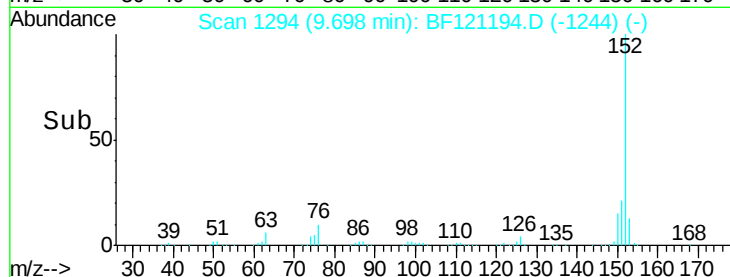
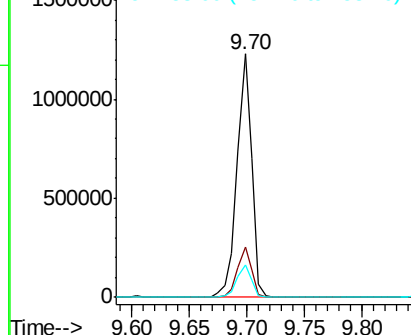
152 100

151 20.6 16.6 25.0

153 13.4 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: 39.847 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

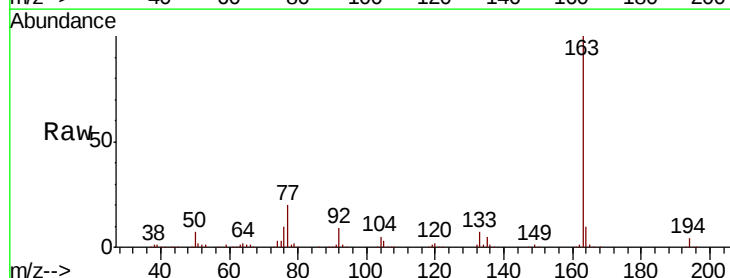
Tgt Ion:163 Resp: 811298

Ion Ratio Lower Upper

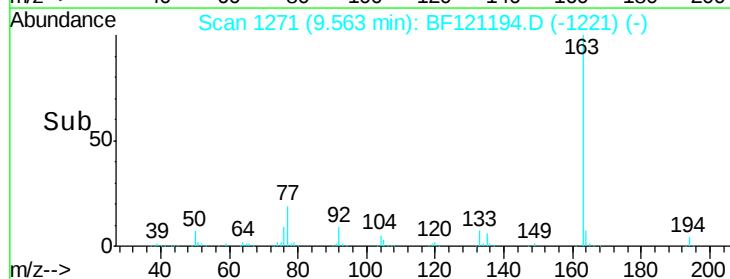
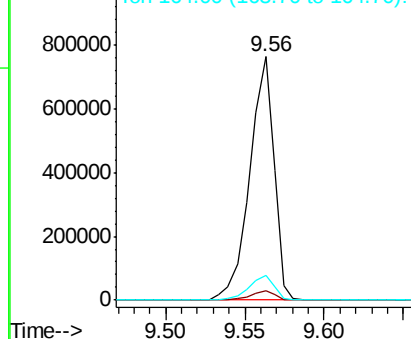
163 100

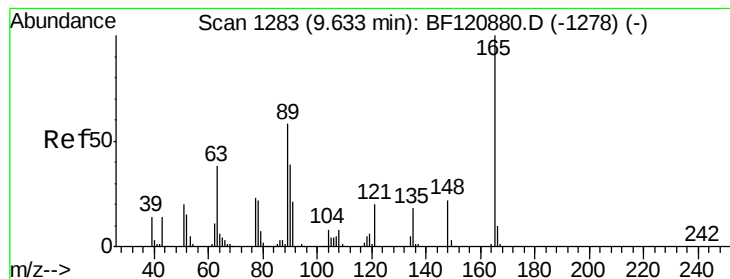
194 3.8 3.0 4.4

164 10.4 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: 41.844 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

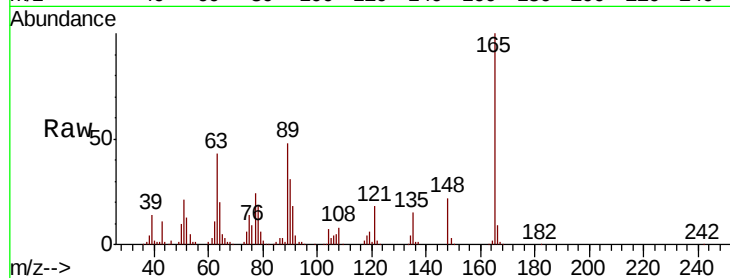
Tot Ion:165 Resp: 183037

Ion Ratio Lower Upper

165 100

63 43.3 41.1 61.7

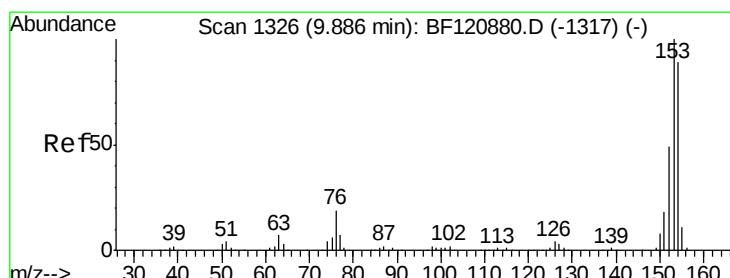
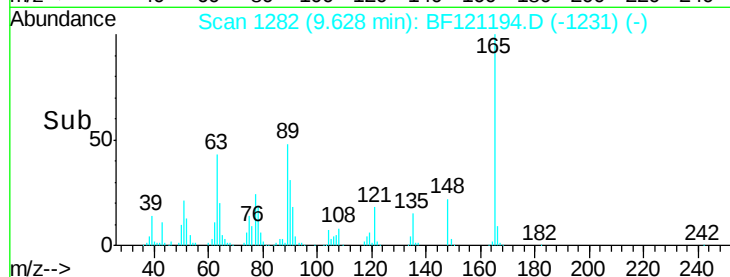
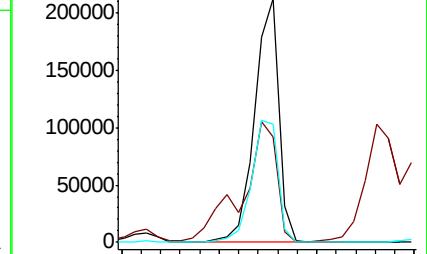
89 48.3 43.5 65.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 36.898 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

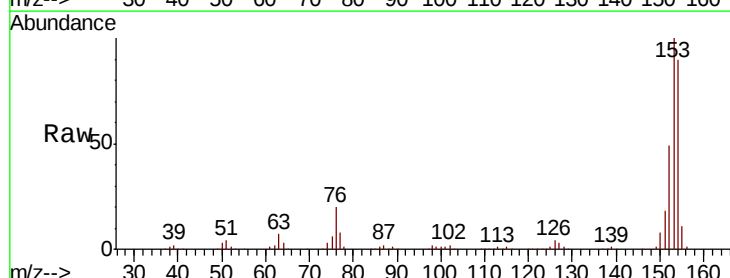
Tgt Ion:154 Resp: 639653

Ion Ratio Lower Upper

154 100

153 111.5 89.6 134.4

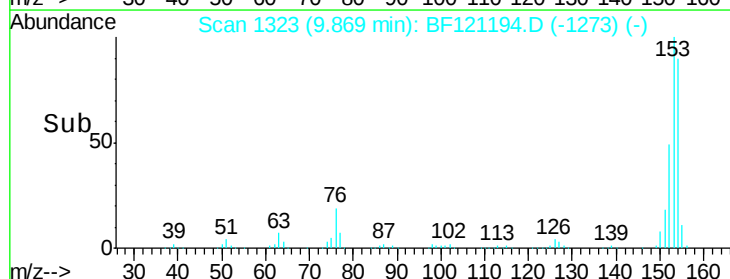
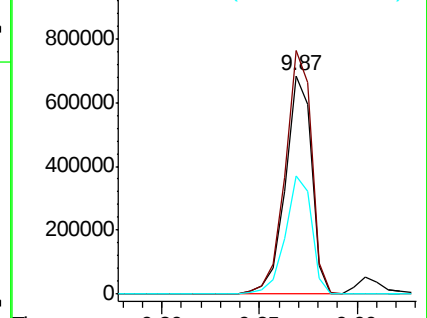
152 54.2 43.8 65.6

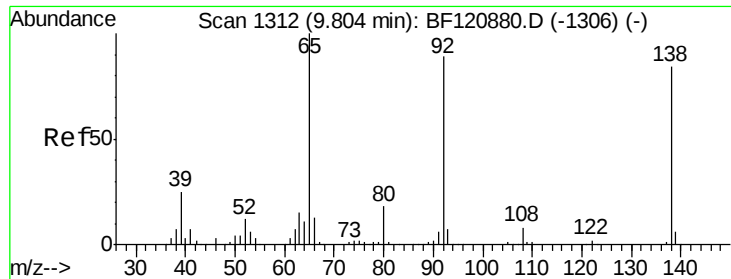


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

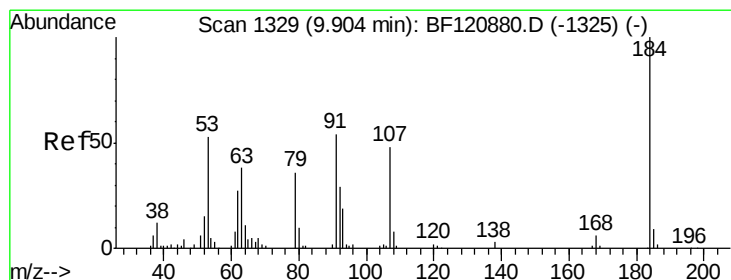
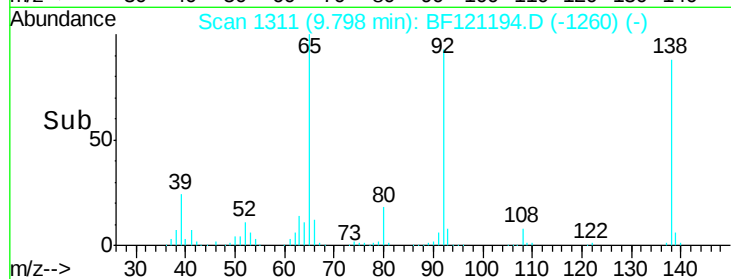
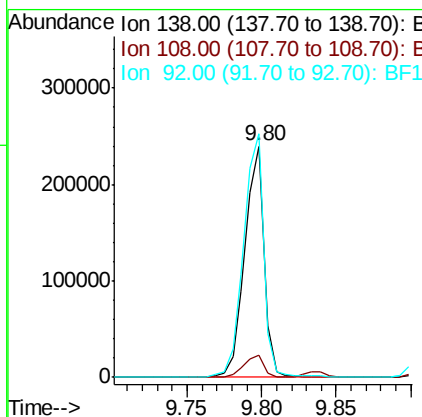
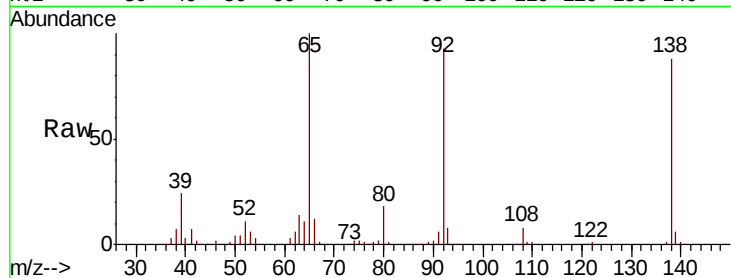




#53
 3-Nitroaniline
 Concen: 39.676 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

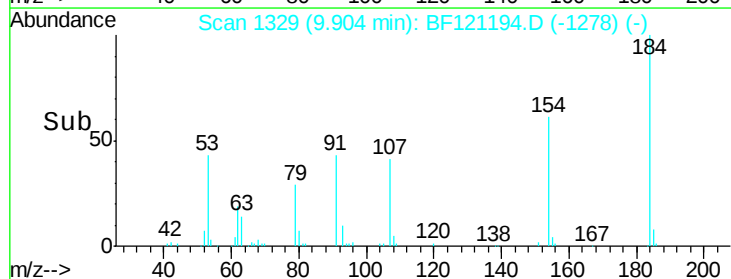
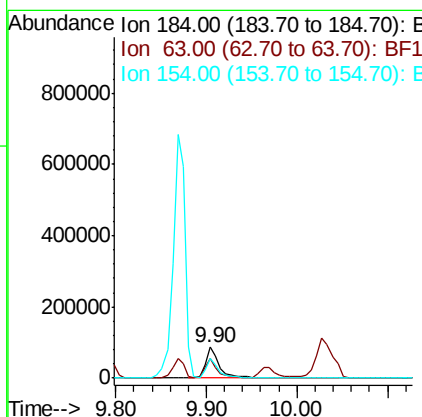
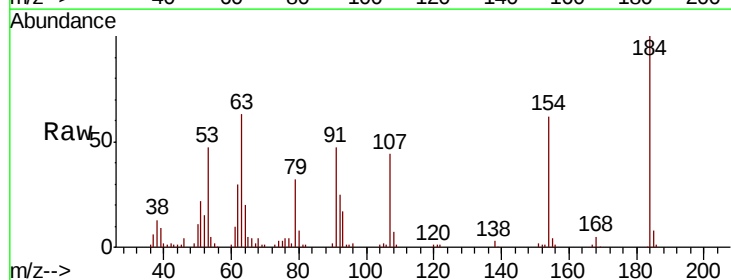
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

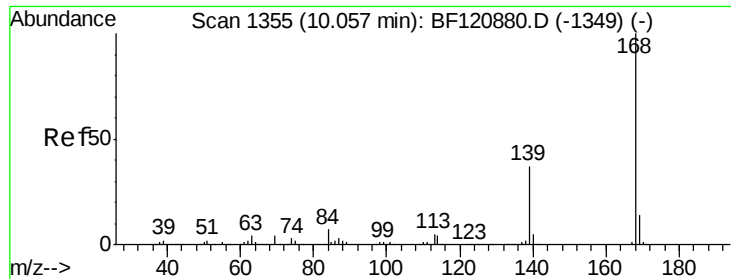
Tot Ion:138 Resp: 217670
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.8 11.8
 92 105.4 85.0 127.4



#54
 2,4-Dinitrophenol
 Concen: 41.376 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

Tgt Ion:184 Resp: 95096
 Ion Ratio Lower Upper
 184 100
 63 62.6 42.5 63.7
 154 61.7 46.8 70.2

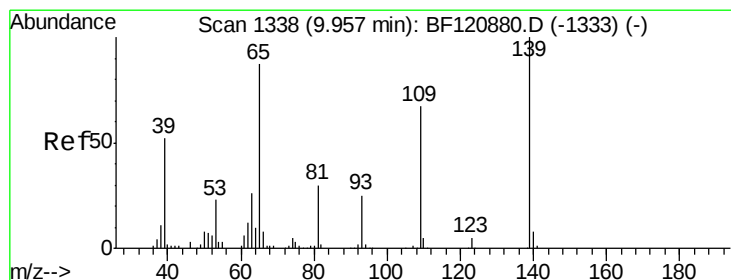
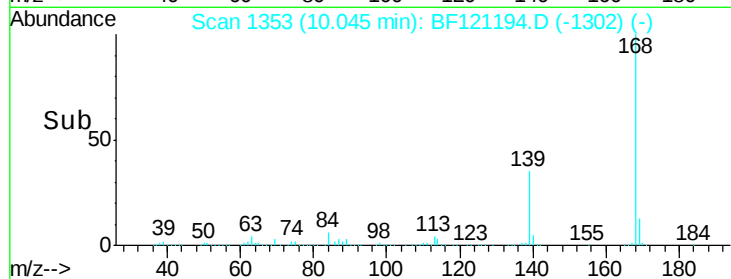
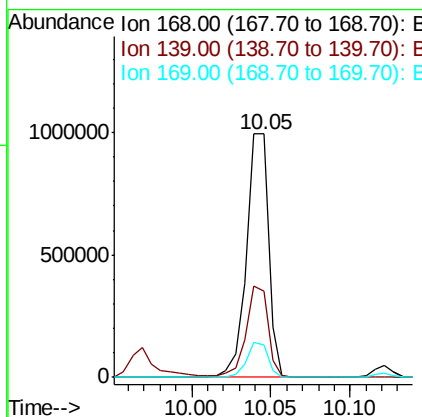
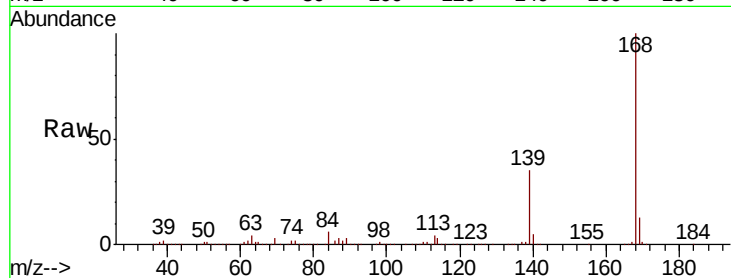




#55
Dibenzofuran
Concen: 38.334 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF121194.D
Acq: 6 Aug 2020 9:10

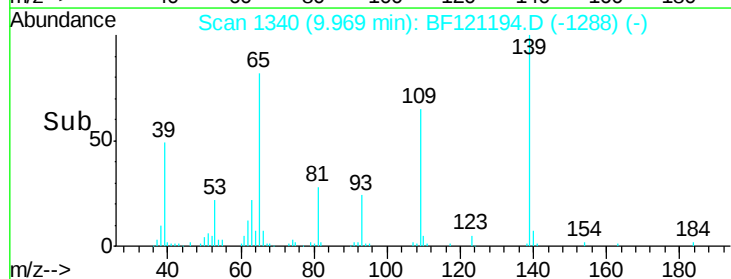
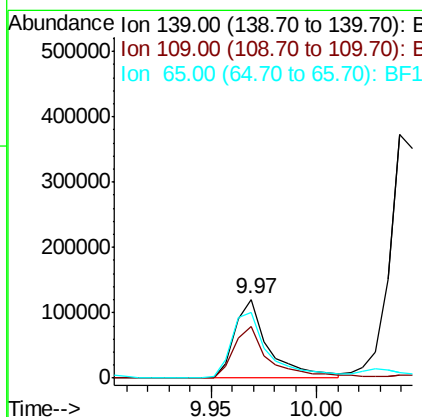
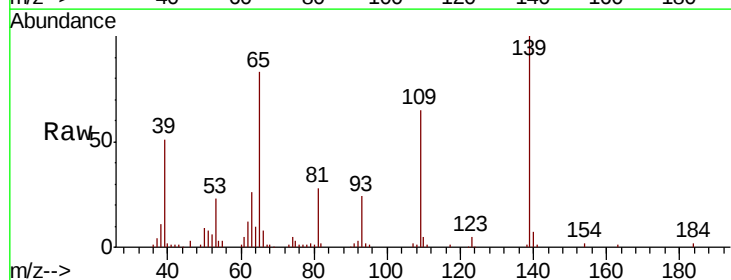
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 960993
Ion Ratio Lower Upper
168 100
139 35.3 30.1 45.1
169 13.4 11.3 16.9



#56
4-Nitrophenol
Concen: 32.687 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121194.D
Acq: 6 Aug 2020 9:10

Tgt Ion:139 Resp: 136222
Ion Ratio Lower Upper
139 100
109 64.8 44.8 84.8
65 82.6 65.6 105.6

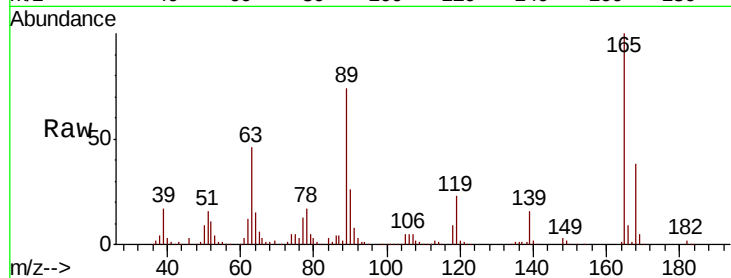




#57
2,4-Dinitrotoluene
Concen: 41.773 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121194.D
Acq: 6 Aug 2020 9:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.5	29.8	44.8#
89	73.9	50.3	75.5
182	2.4	2.1	3.1

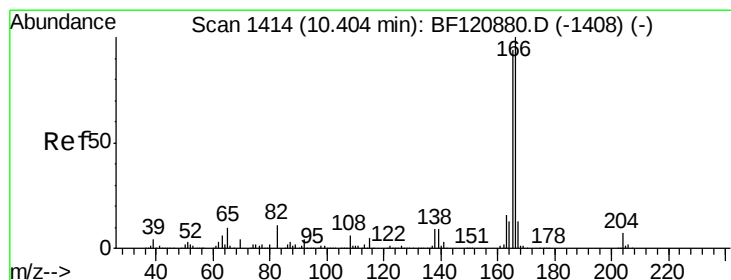
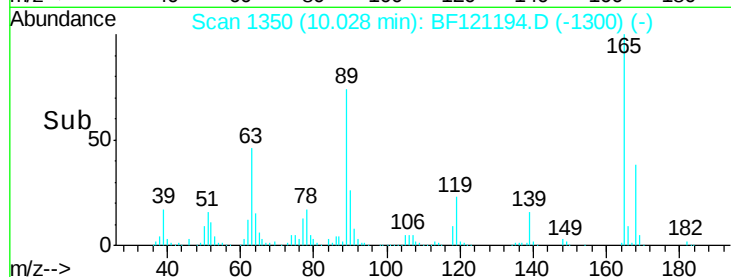
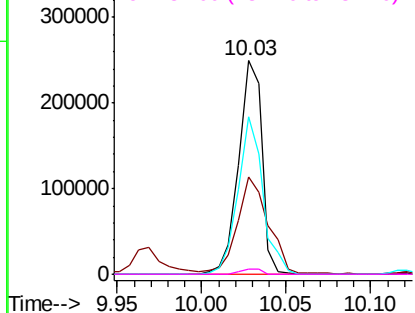


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

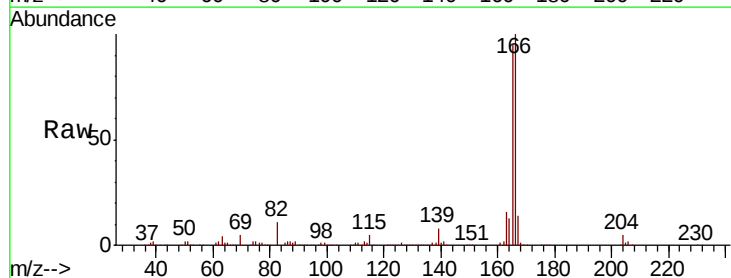
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.519 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121194.D
Acq: 6 Aug 2020 9:10

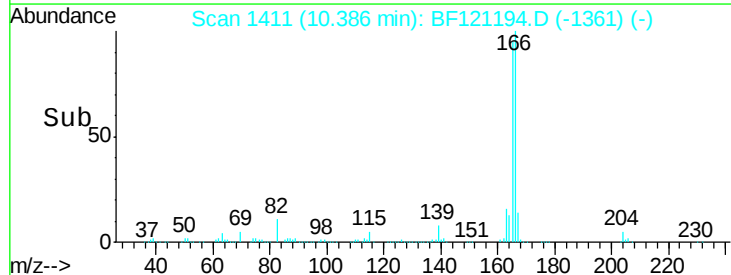
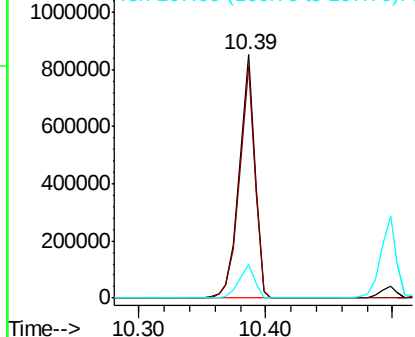
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.2	76.4	114.6
167	13.6	10.7	16.1

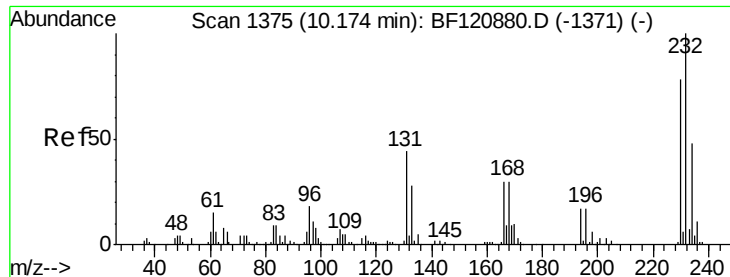


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.540 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 192710

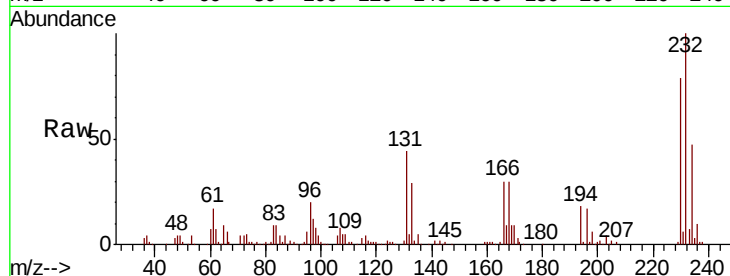
Ion Ratio Lower Upper

232 100

131 43.2 34.2 51.2

130 2.0 1.7 2.5

166 28.4 23.1 34.7

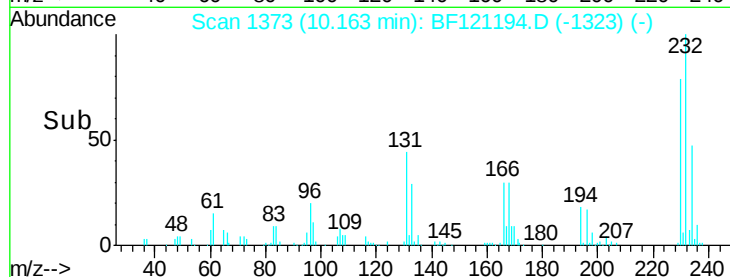


Abundance Ion 232.00 (231.70 to 232.70): E

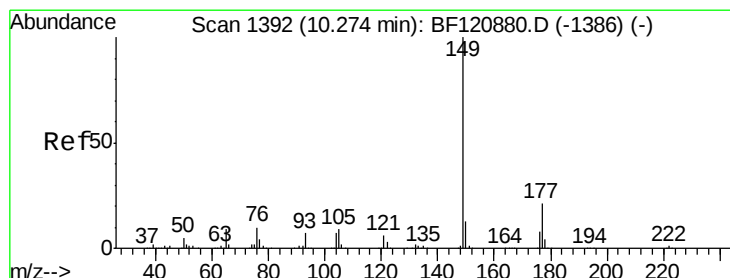
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 38.470 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

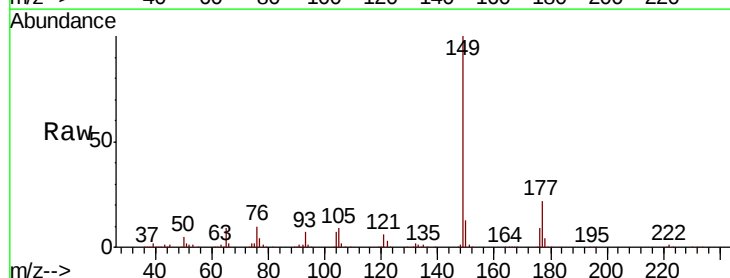
Tgt Ion:149 Resp: 792255

Ion Ratio Lower Upper

149 100

177 21.5 17.6 26.4

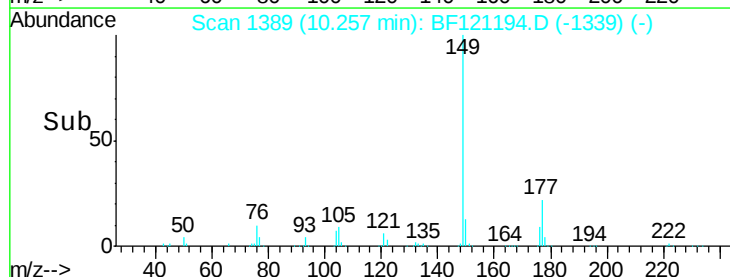
150 12.5 10.2 15.4



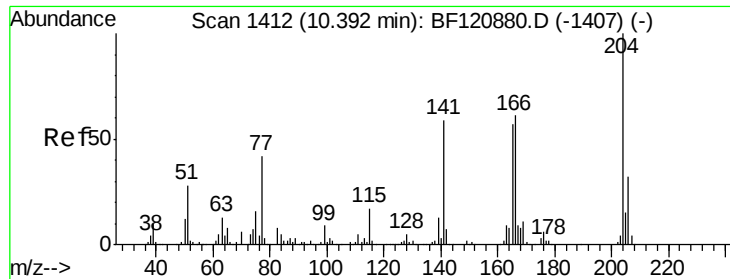
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



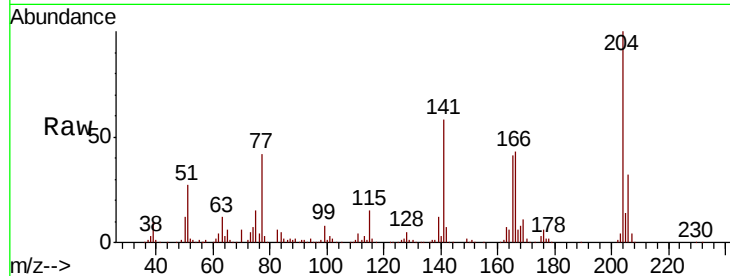
Time-->



#61
4-Chlorophenyl-phenylether
Concen: 36.631 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121194.D
Acq: 6 Aug 2020 9:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.0	39.0
141	58.5	46.9	70.3

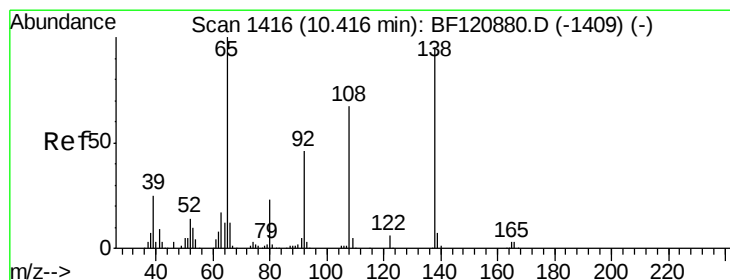
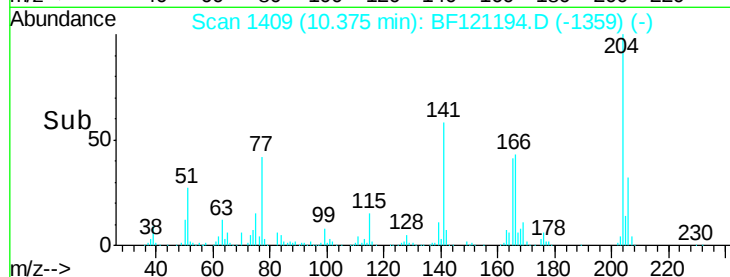
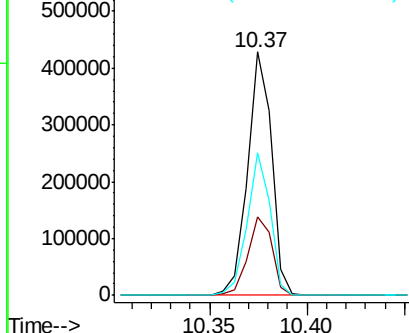


Abundance

Ion 204.00 (203.70 to 204.70): E

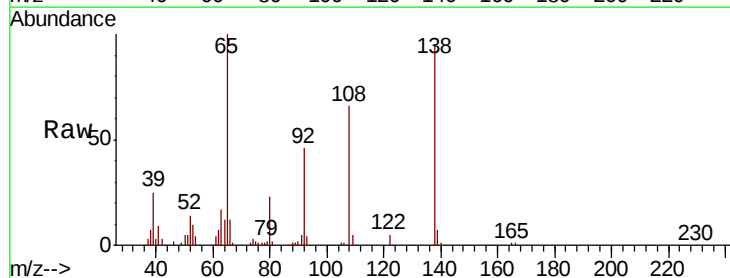
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.379 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121194.D
Acq: 6 Aug 2020 9:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	25.2	65.2
108	69.8	46.7	86.7

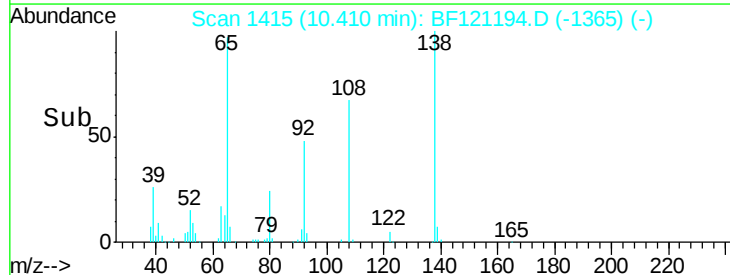
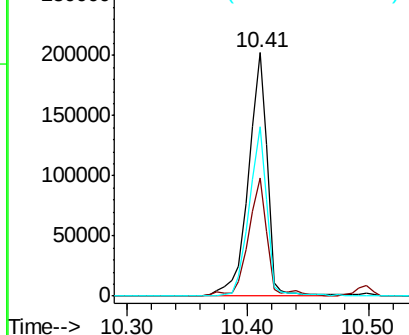


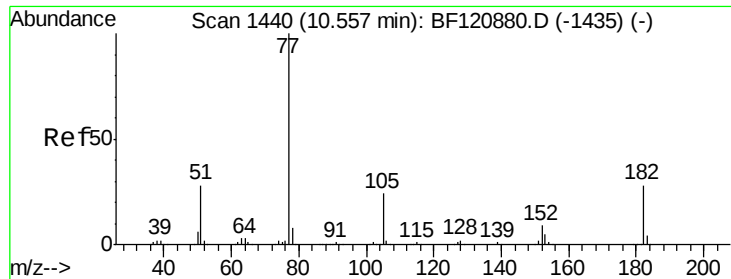
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.940 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 763448

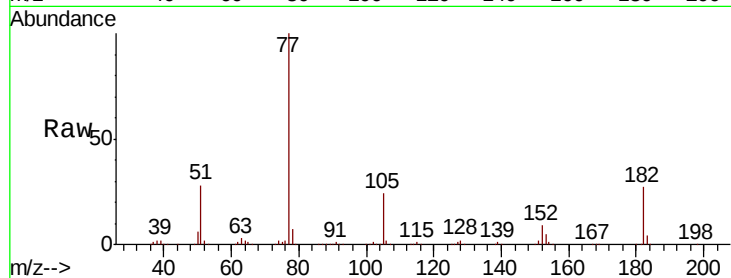
Ion Ratio Lower Upper

77 100

182 27.4 4.5 44.5

105 24.0 3.4 43.4

51 28.4 8.7 48.7

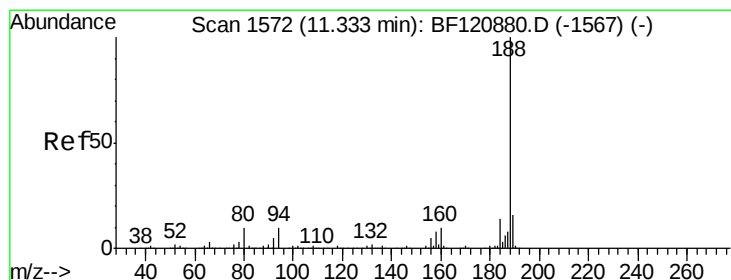
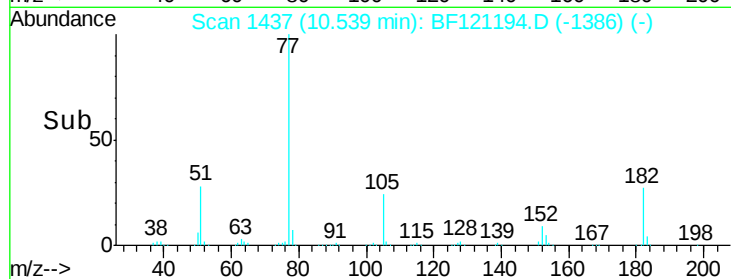
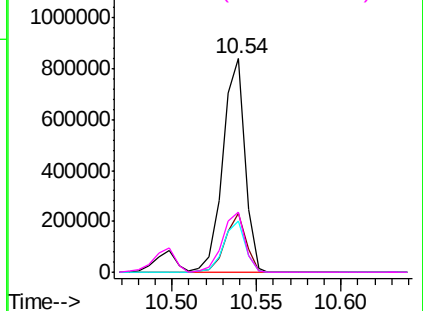


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

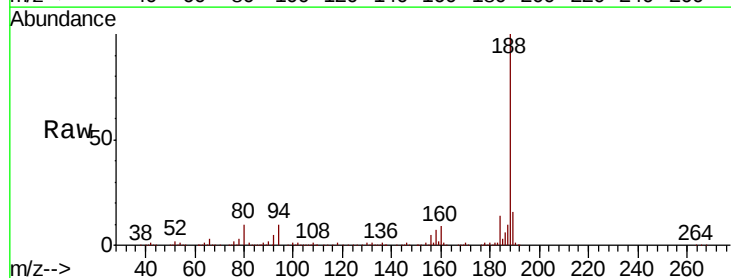
Tgt Ion: 188 Resp: 522840

Ion Ratio Lower Upper

188 100

94 9.5 8.0 12.0

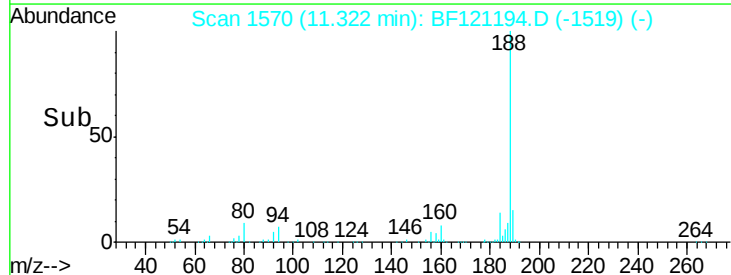
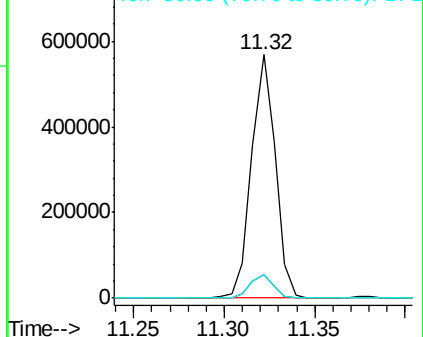
80 9.8 8.3 12.5



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: 43.202 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

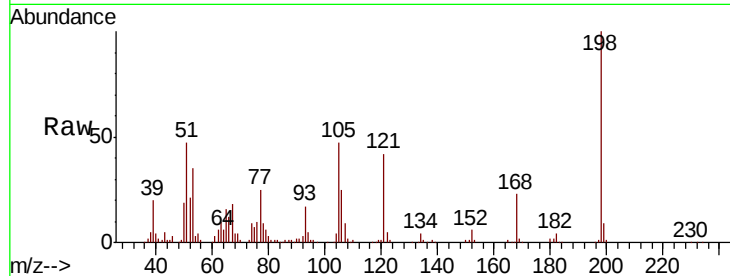
Tot Ion:198 Resp: 129465

Ion Ratio Lower Upper

198 100

51 46.7 23.4 63.4

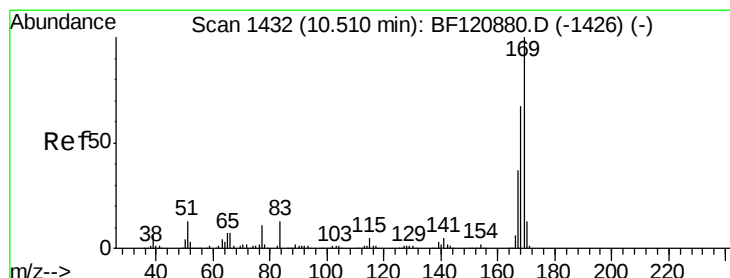
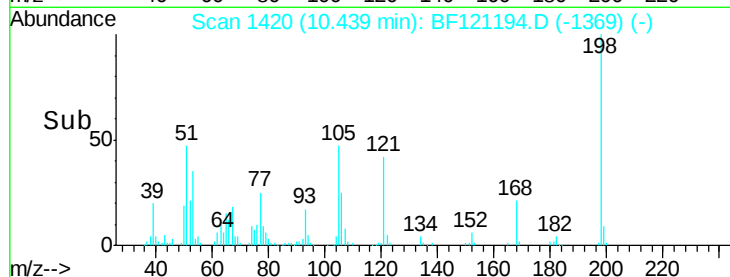
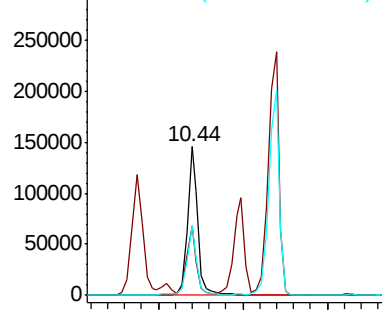
105 47.0 23.7 63.7



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: 40.704 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

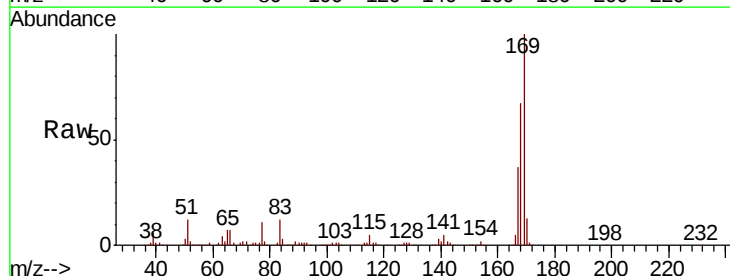
Tgt Ion:169 Resp: 669477

Ion Ratio Lower Upper

169 100

168 67.1 53.7 80.5

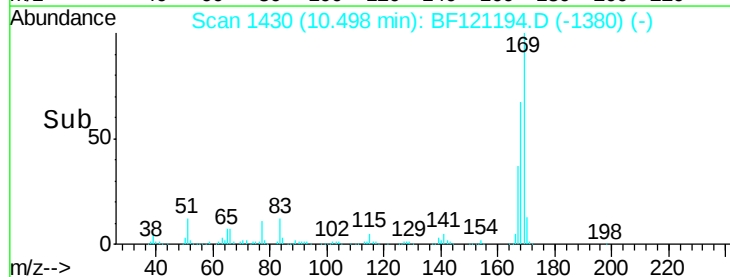
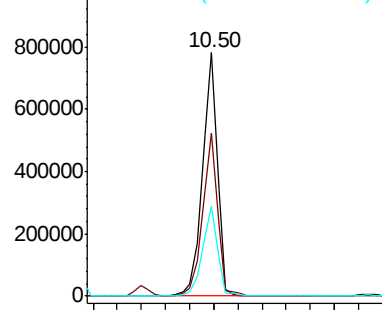
167 36.9 30.0 45.0

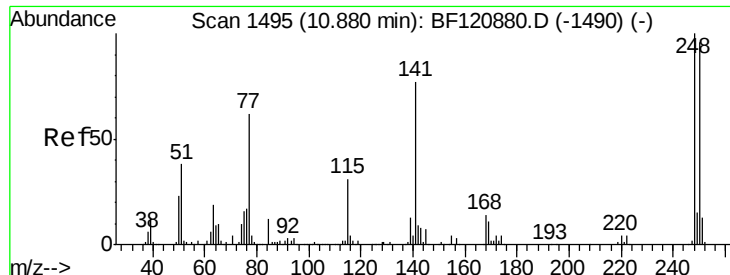


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

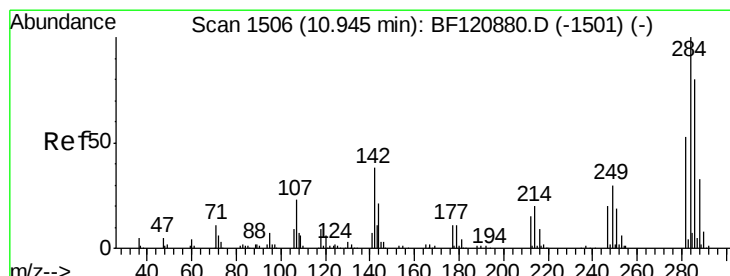
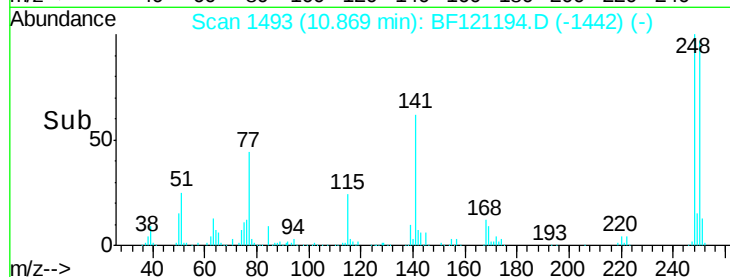
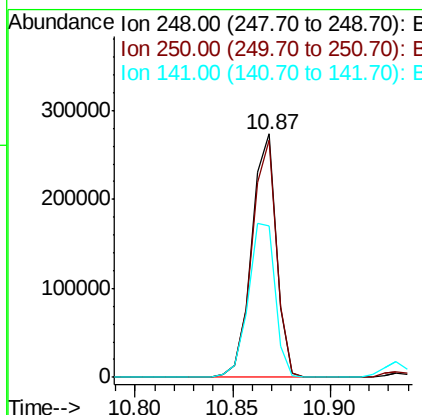
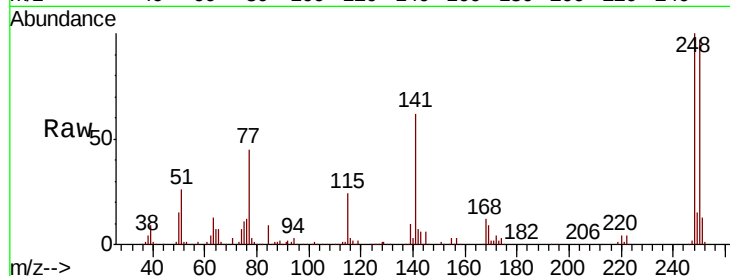




#67
 4-Bromophenyl-phenylether
 Concen: 41.398 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

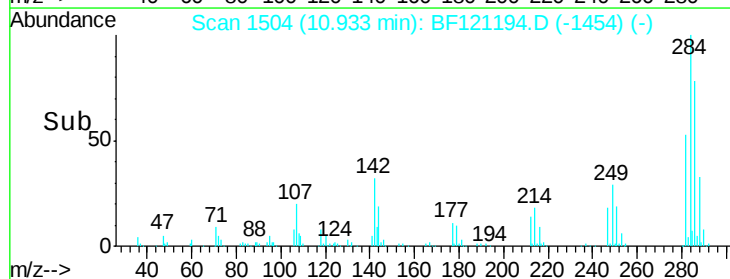
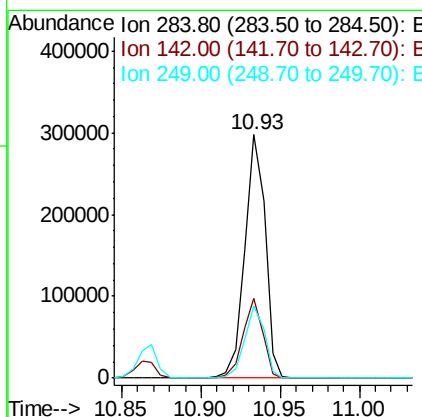
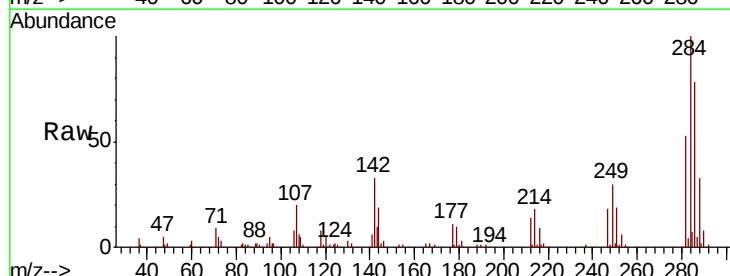
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

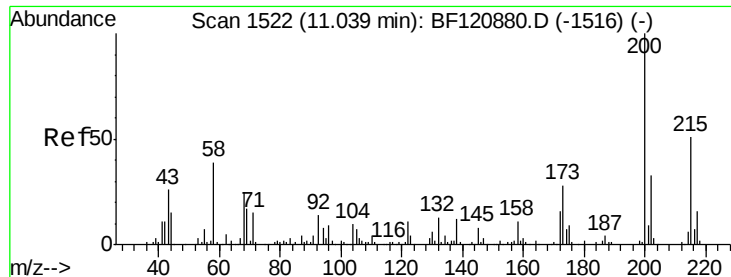
Tot Ion:248 Resp: 241321
 Ion Ratio Lower Upper
 248 100
 250 97.5 77.0 115.6
 141 62.2 56.6 85.0



#68
 Hexachlorobenzene
 Concen: 42.088 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

Tgt Ion:284 Resp: 265396
 Ion Ratio Lower Upper
 284 100
 142 32.7 21.1 31.7#
 249 29.6 22.5 33.7

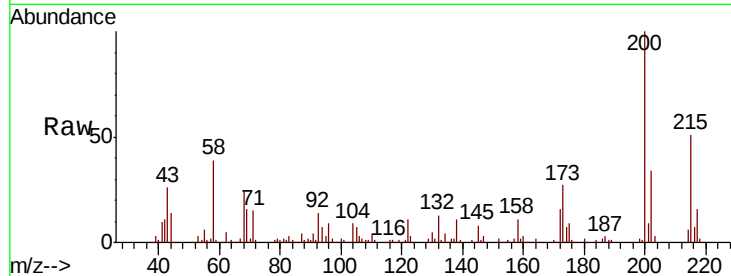




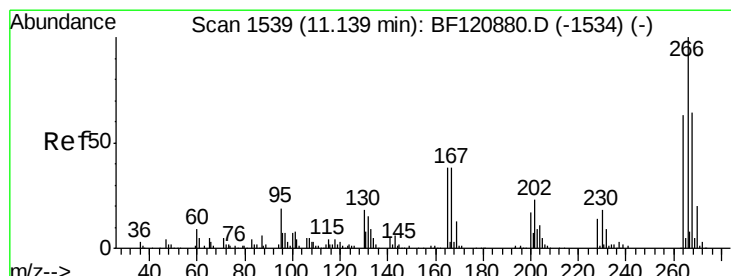
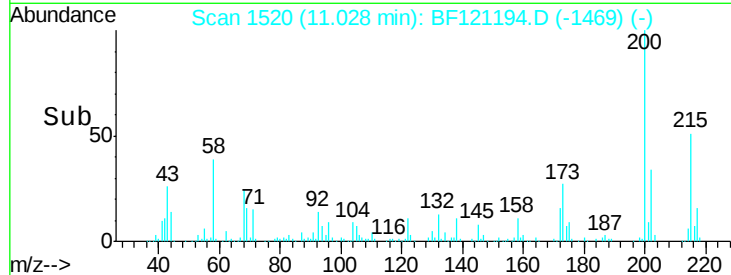
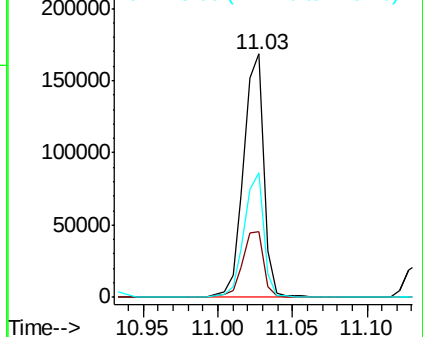
#69
 Atrazine
 Concen: 39.006 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.6	47.6
215	51.2	28.8	68.8

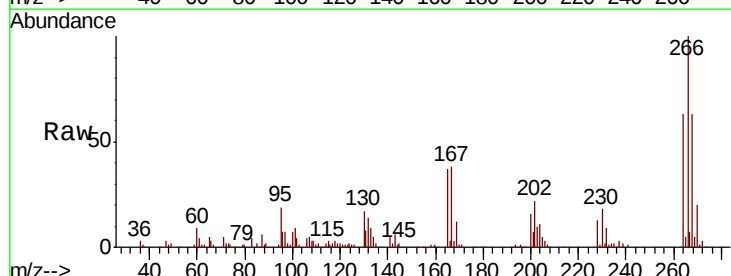


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

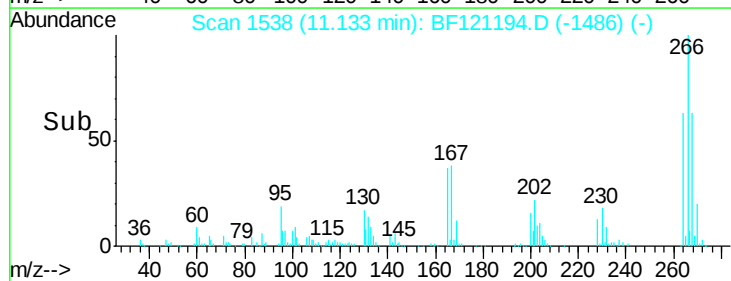
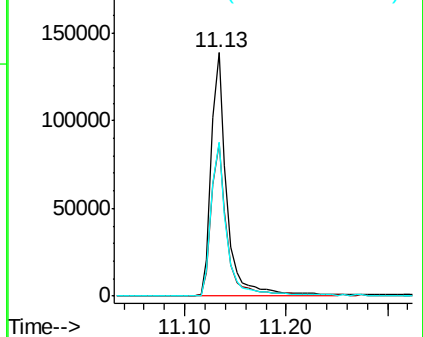


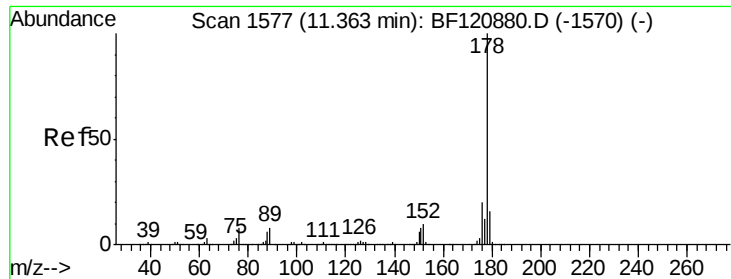
#70
 Pentachlorophenol
 Concen: 41.525 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	49.7	74.5
264	63.2	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

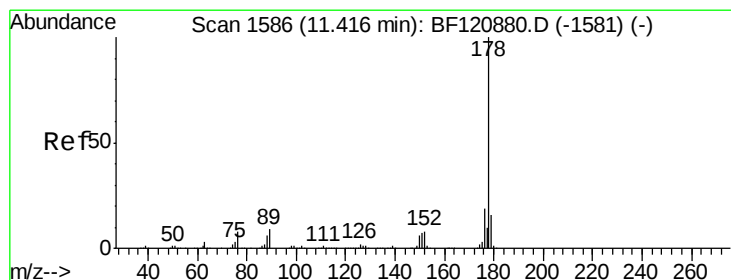
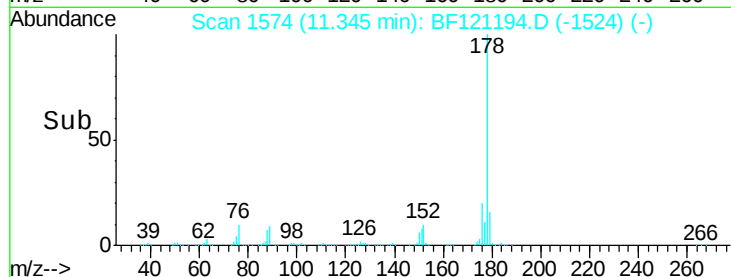
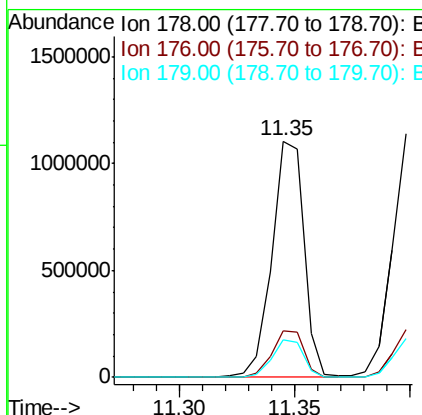
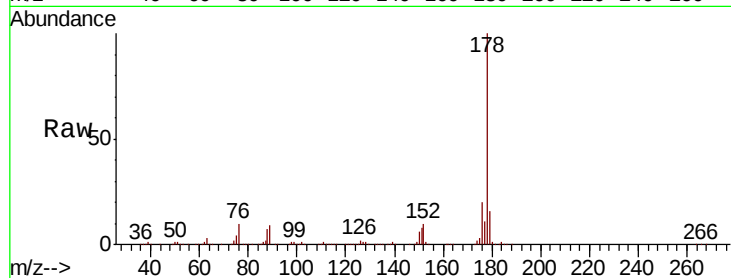




#71
Phenanthrene
Concen: 39.539 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121194.D
Acq: 6 Aug 2020 9:10

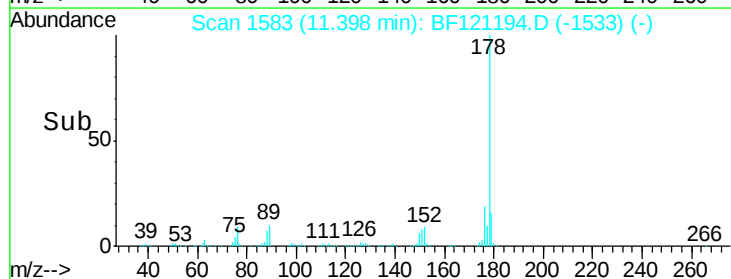
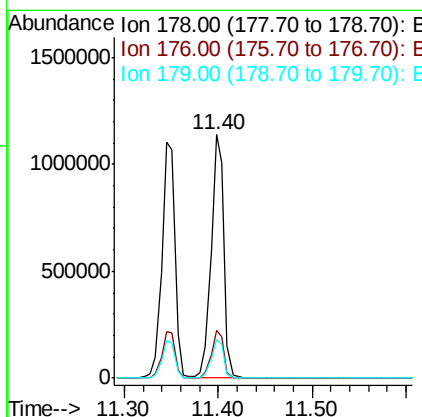
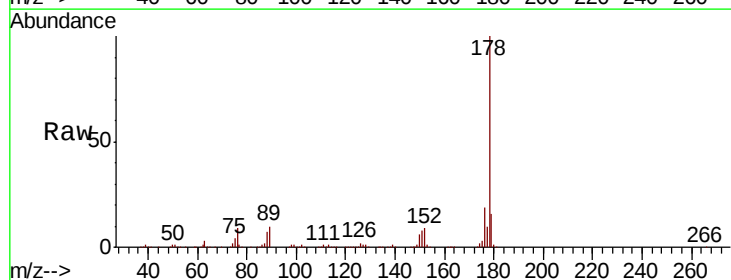
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1063189
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.2
179 15.7 12.6 19.0



#72
Anthracene
Concen: 40.637 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF121194.D
Acq: 6 Aug 2020 9:10

Tgt Ion:178 Resp: 1097258
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 16.0 12.6 19.0





#73

Carbazole

Concen: 40.593 ng

RT: 11.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

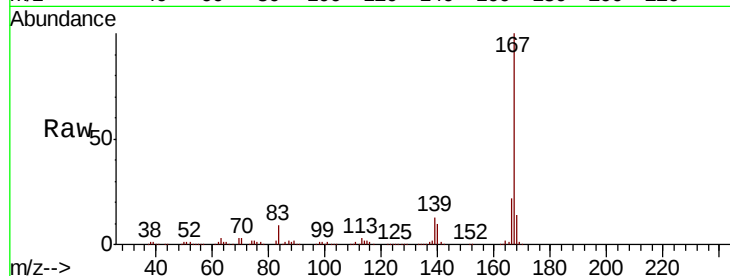
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1087733

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	12.9	10.5	15.7

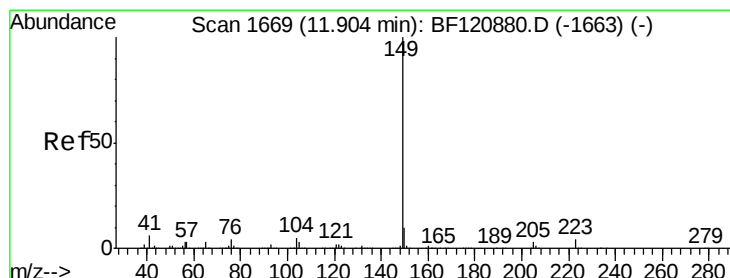
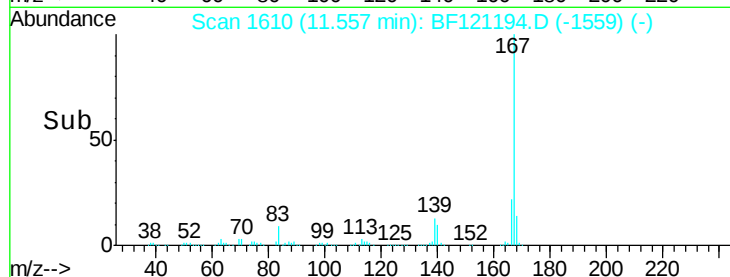
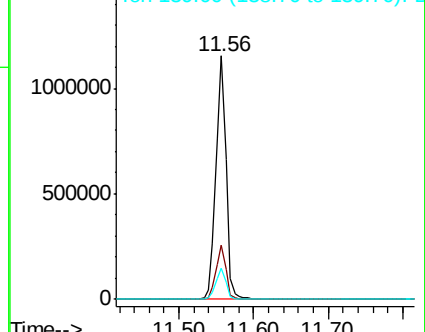


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.926 ng

RT: 11.89 min Scan# 1666

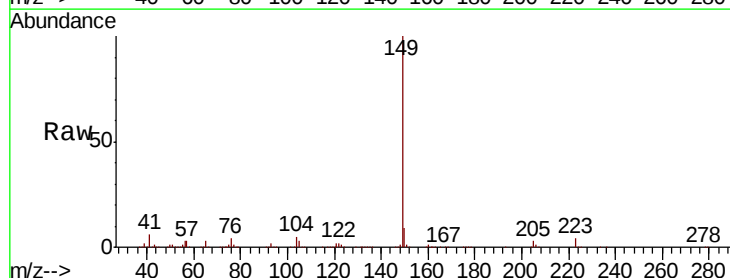
Delta R.T. 0.00 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Tgt Ion:149 Resp: 1203688

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	4.5	3.9	5.9

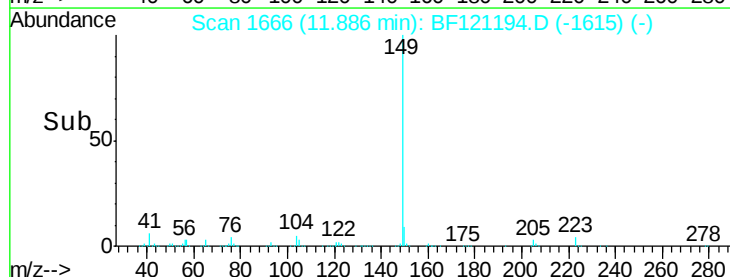
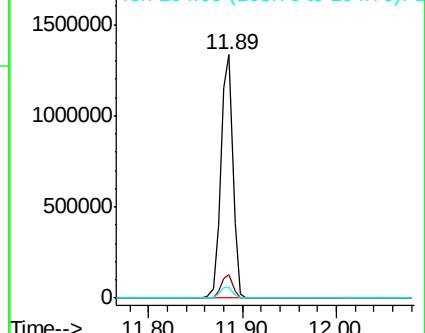


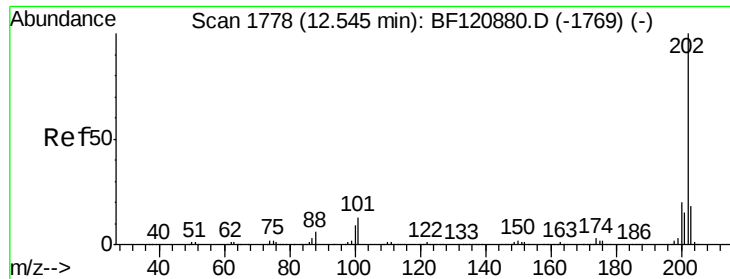
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

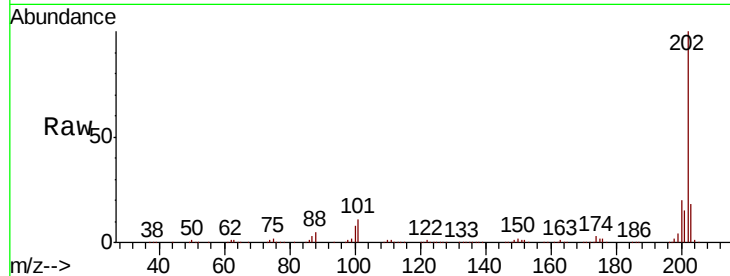




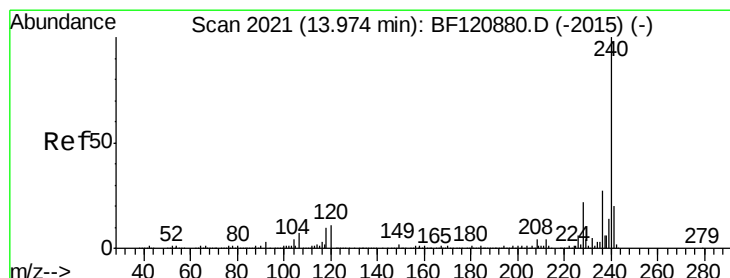
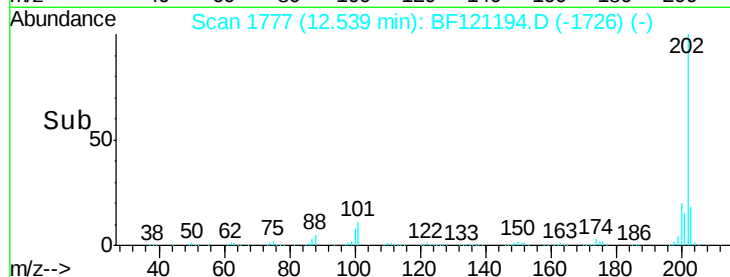
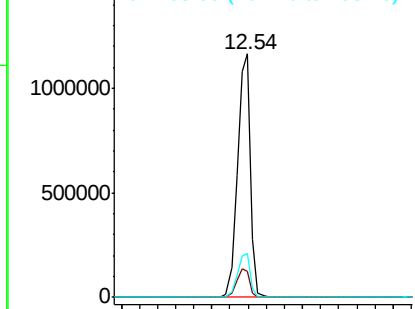
#75
Fluoranthene
Concen: 39.327 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF121194.D
Acq: 6 Aug 2020 9:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1172146
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.5
203 17.8 0.0 37.7

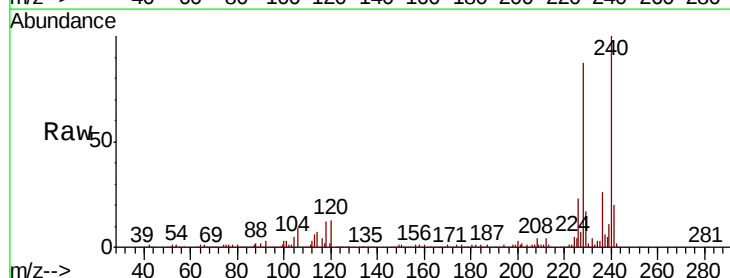


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

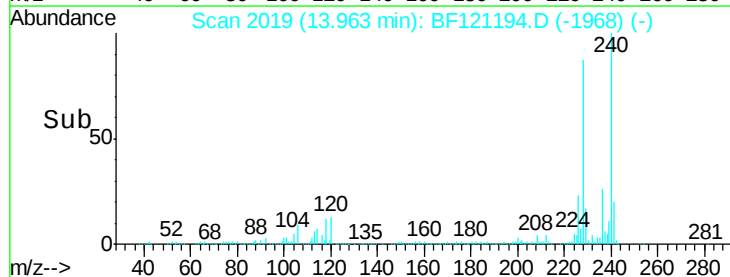
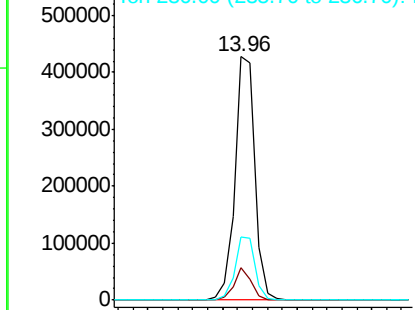


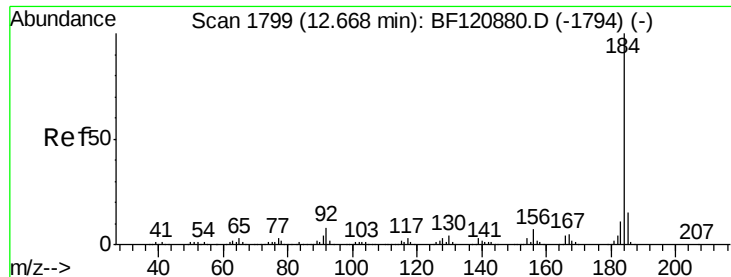
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121194.D
Acq: 6 Aug 2020 9:10

Tgt Ion:240 Resp: 400721
Ion Ratio Lower Upper
240 100
120 13.1 9.3 13.9
236 26.0 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: 31.121 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

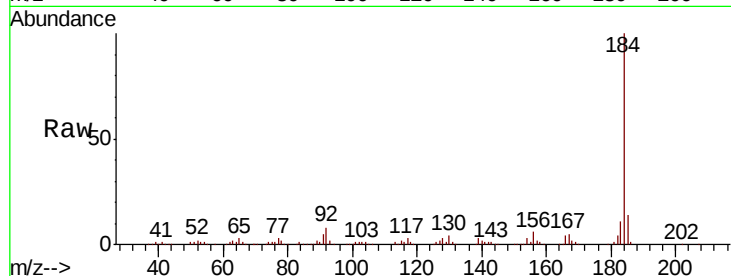
Tot Ion:184 Resp: 327885

Ion Ratio Lower Upper

184 100

185 14.3 12.1 18.1

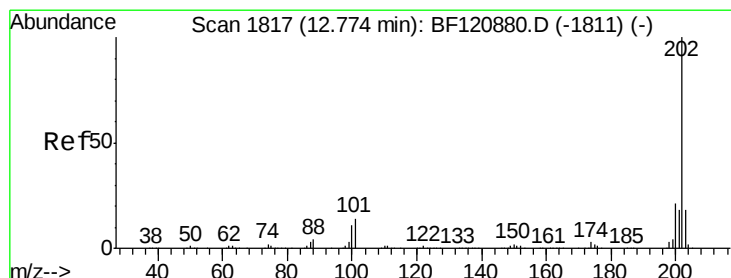
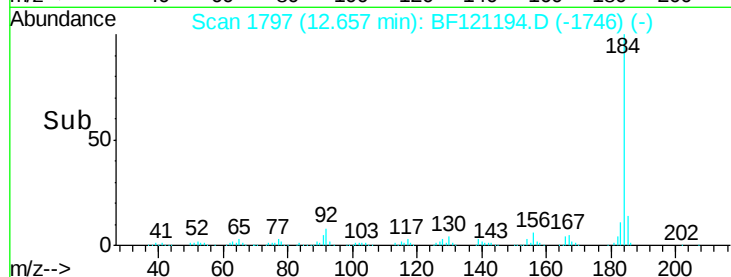
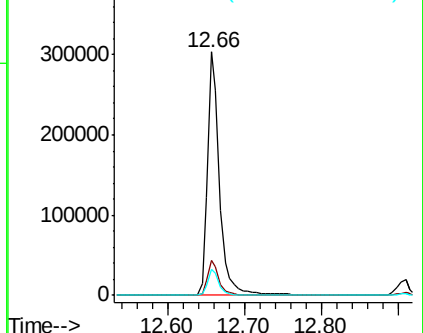
183 10.6 9.0 13.4



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: 42.512 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

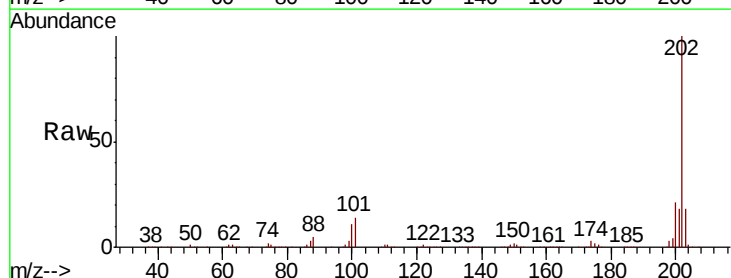
Tgt Ion:202 Resp: 1204411

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

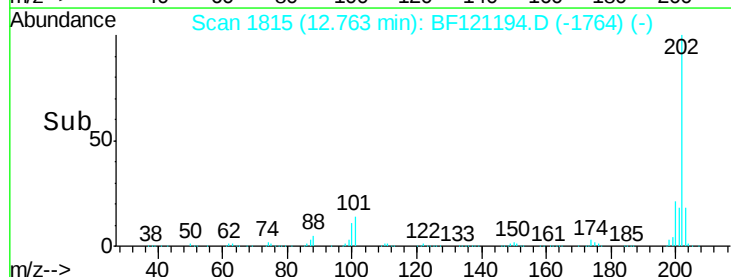
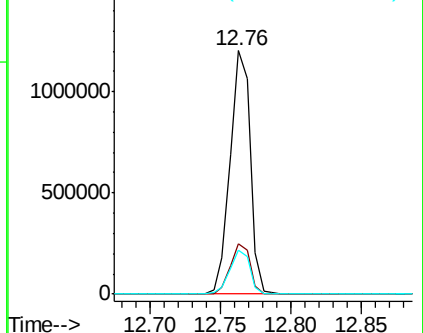
203 18.1 14.6 21.8



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

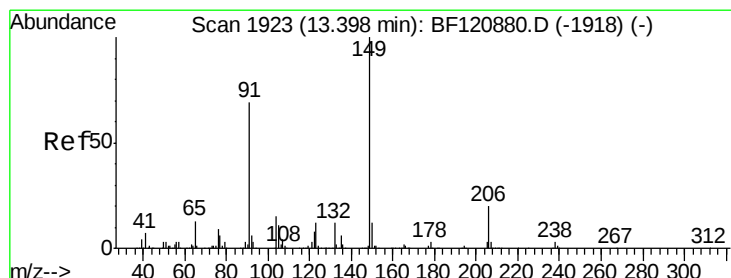
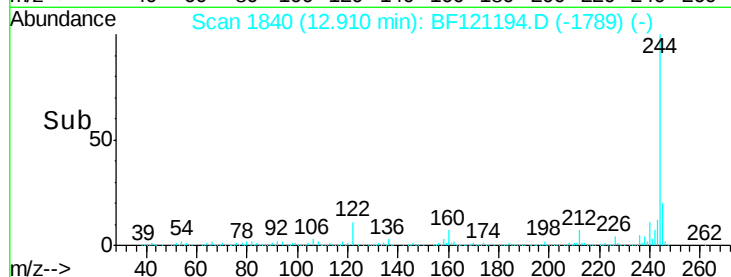
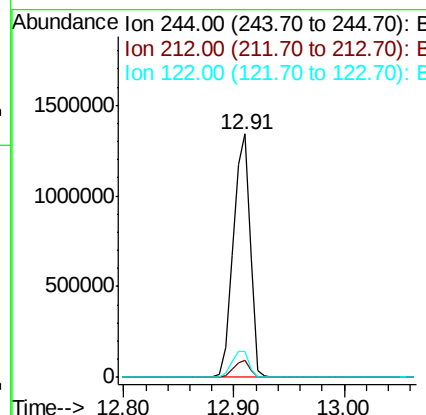
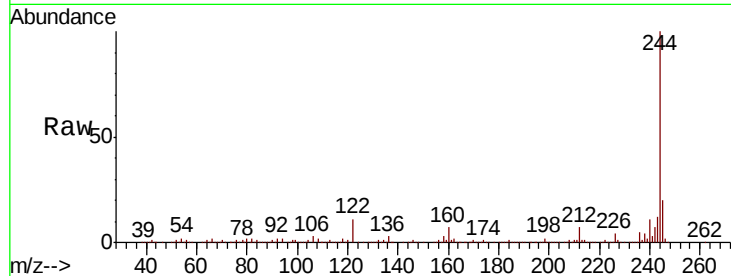




#79
 Terphenyl-d14
 Concen: 78.177 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

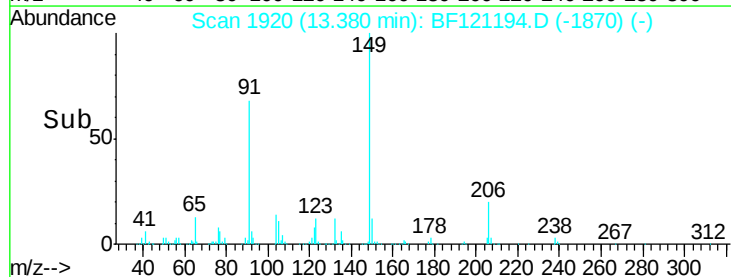
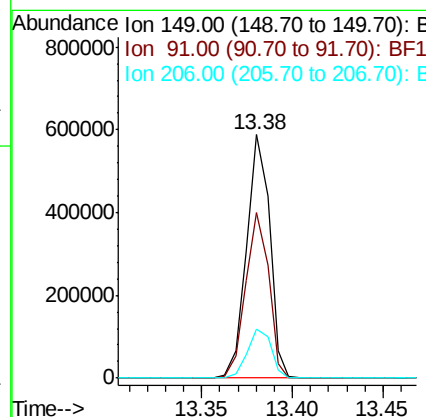
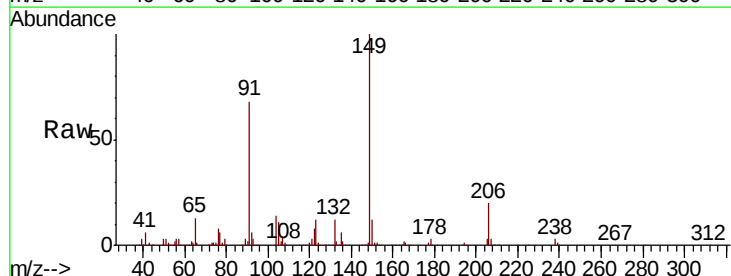
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

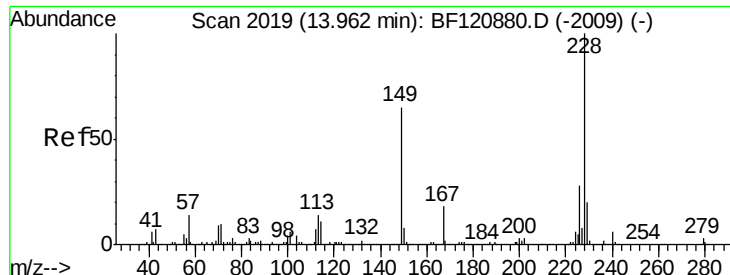
Tot Ion:244 Resp: 1441139
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.7 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 41.429 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

Tgt Ion:149 Resp: 523234
 Ion Ratio Lower Upper
 149 100
 91 68.2 51.4 77.0
 206 20.2 17.9 26.9





#81

Benzo(a)anthracene

Concen: 42.536 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

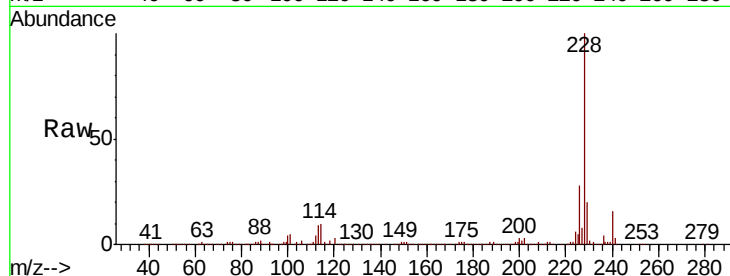
Tot Ion:228 Resp: 1032165

Ion Ratio Lower Upper

228 100

226 28.0 22.6 34.0

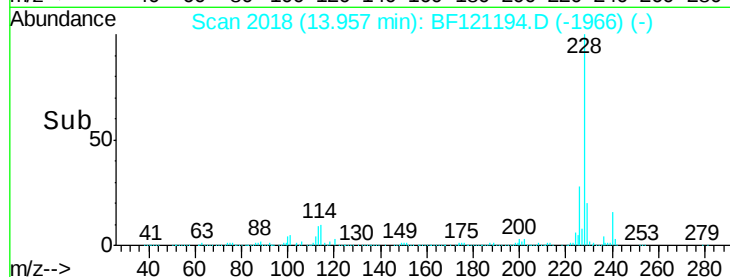
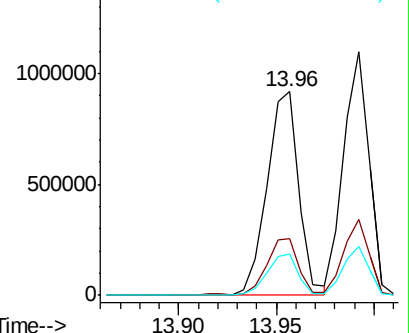
229 20.1 16.1 24.1



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: 40.363 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

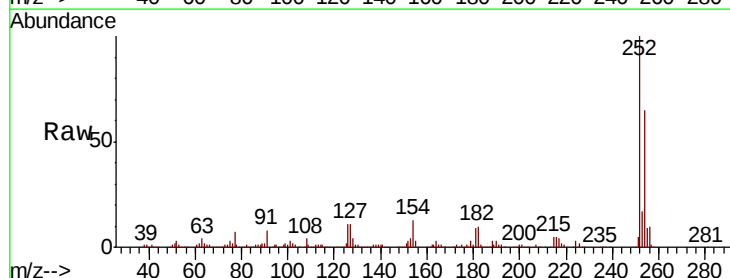
Tgt Ion:252 Resp: 369513

Ion Ratio Lower Upper

252 100

254 64.6 51.3 76.9

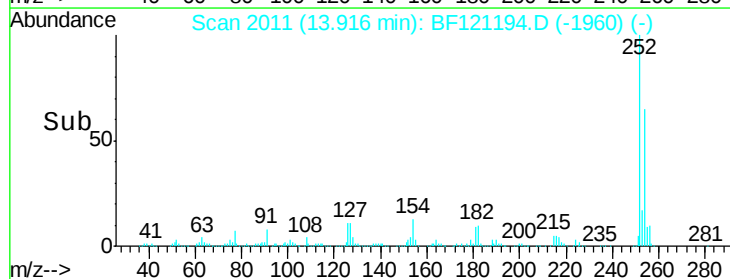
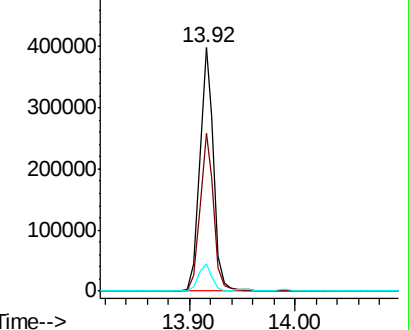
126 11.4 9.2 13.8

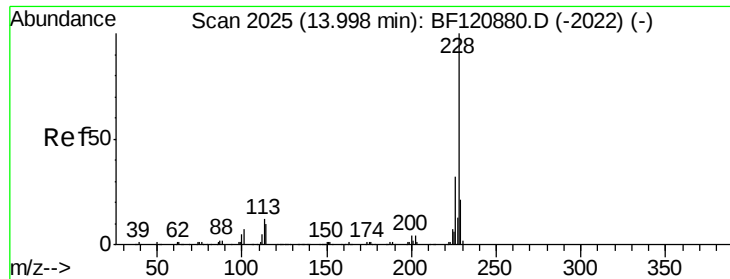


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.154 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

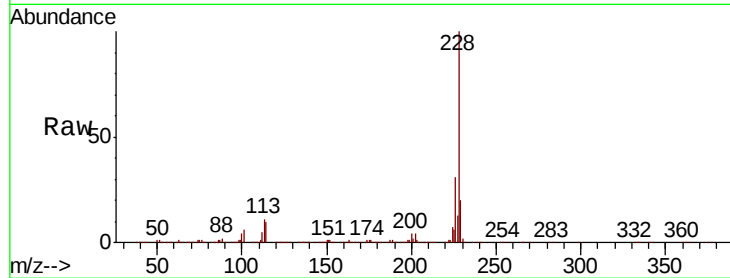
Tot Ion:228 Resp: 998462

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

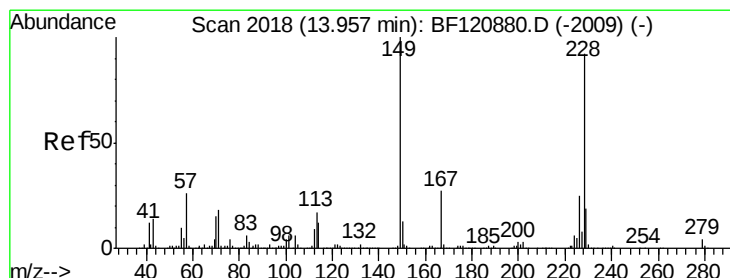
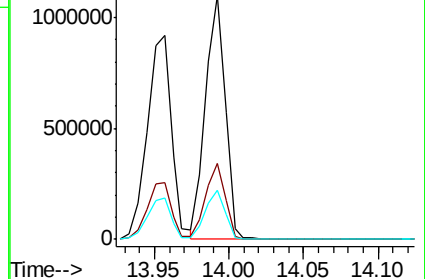
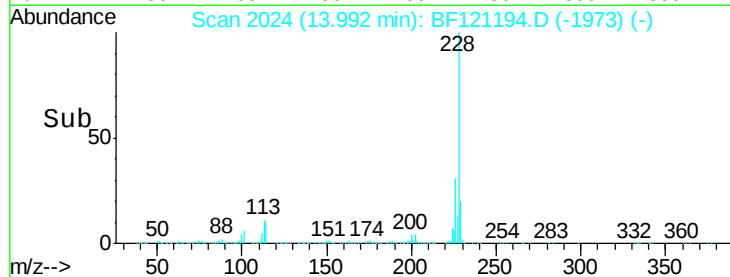
229 20.3 16.2 24.4



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: 41.891 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

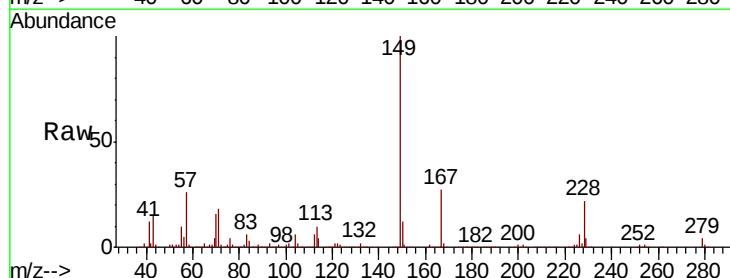
Tgt Ion:149 Resp: 652403

Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.6

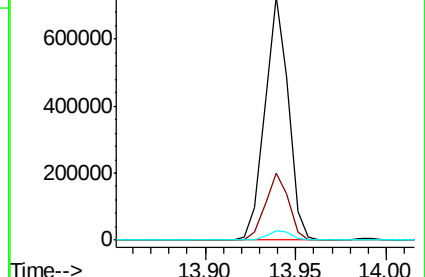
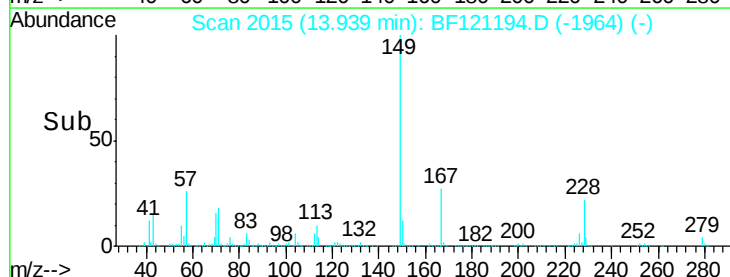
279 3.8 2.9 4.3

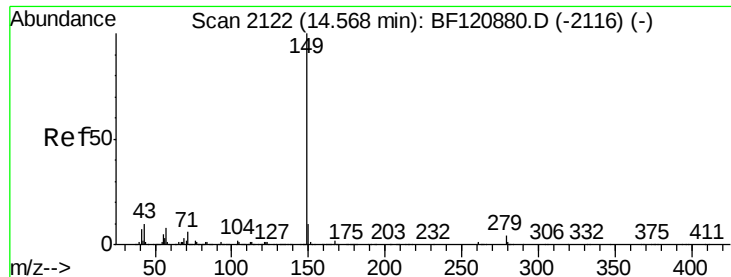


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 35.690 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

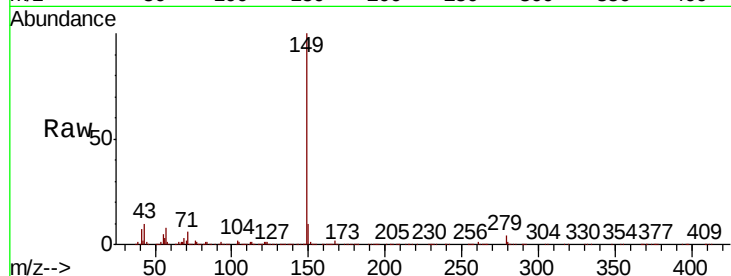
Tot Ion:149 Resp: 1105838

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

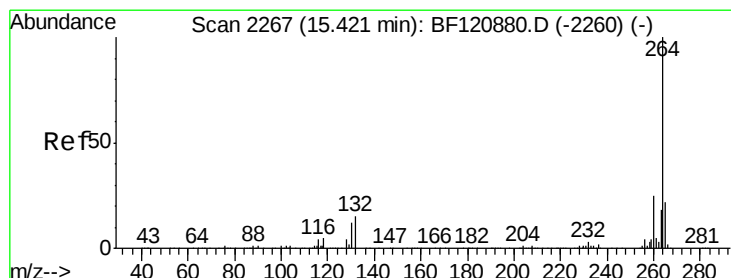
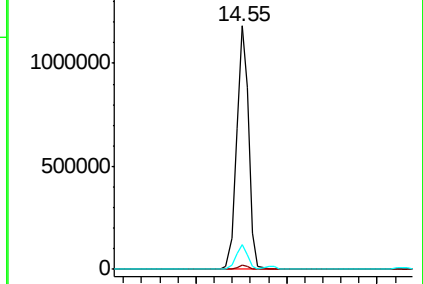
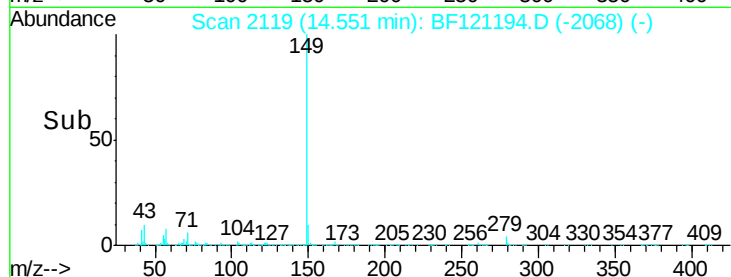
43 9.7 7.5 11.3



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: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

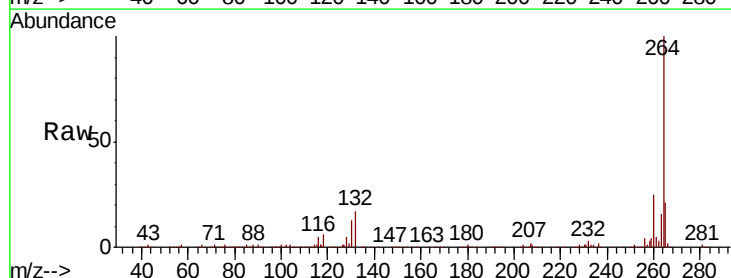
Tgt Ion:264 Resp: 366507

Ion Ratio Lower Upper

264 100

260 24.6 19.9 29.9

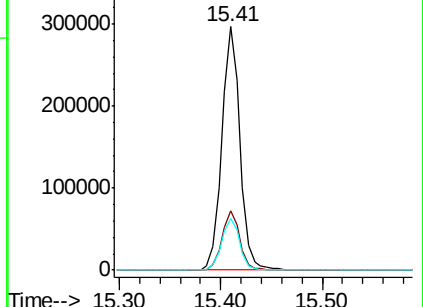
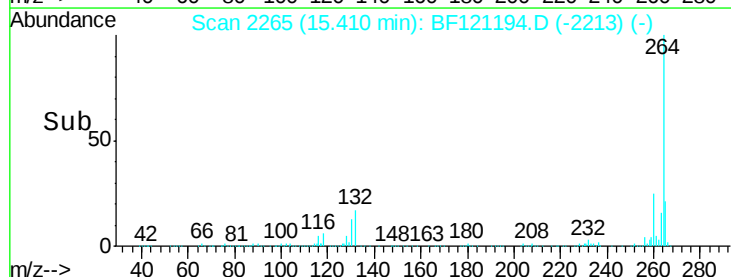
265 21.3 17.8 26.8



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

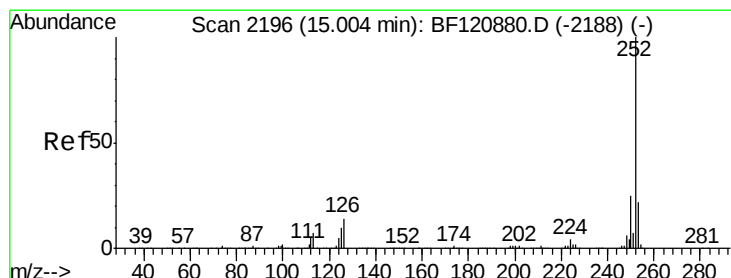
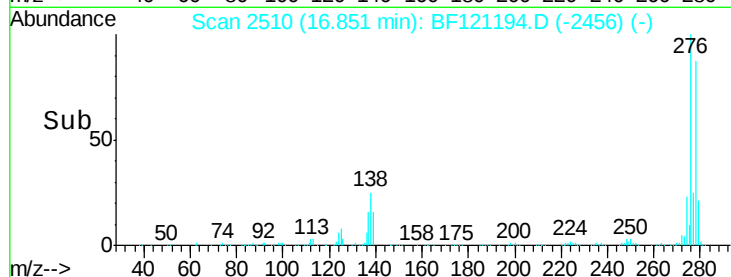
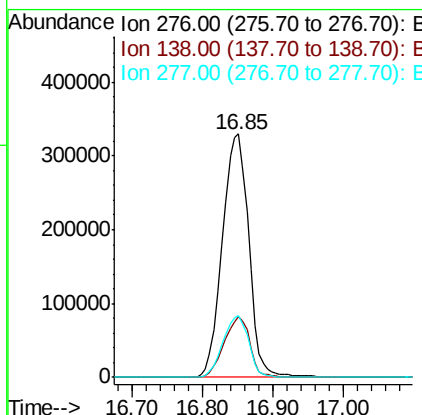
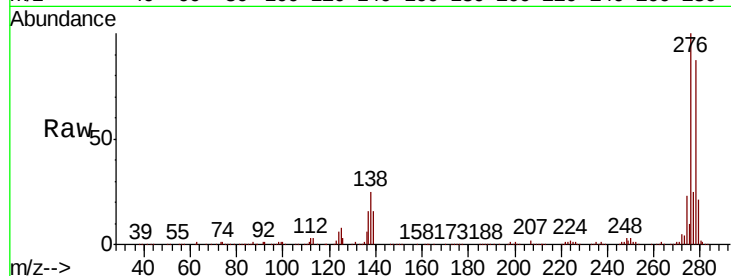




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.670 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.02 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

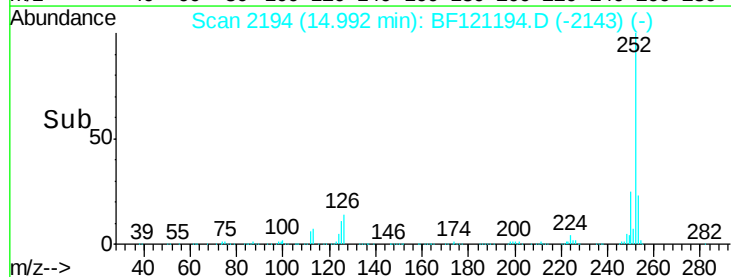
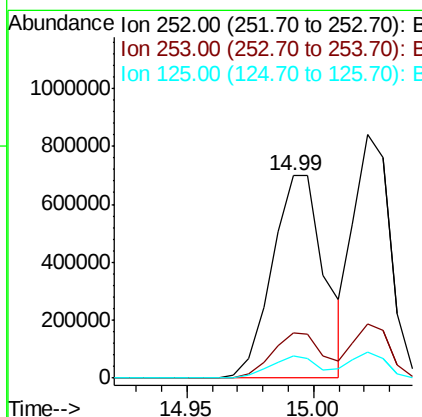
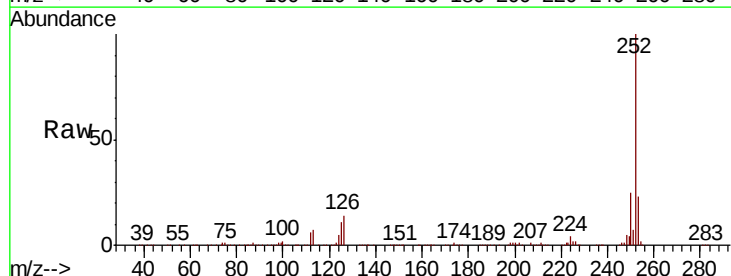
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

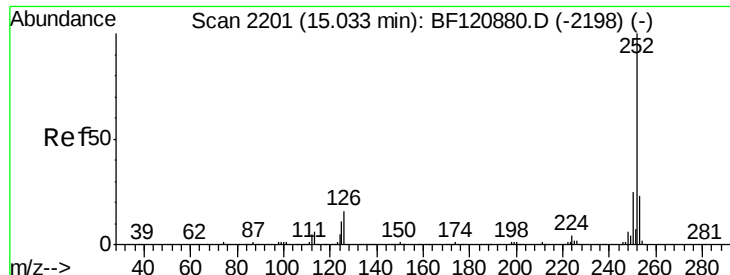
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.3	28.9
277	24.9	20.1	30.1



#88
 Benzo(b)fluoranthene
 Concen: 45.421 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: BF121194.D
 Acq: 6 Aug 2020 9:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.8	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 42.427 ng

RT: 15.02 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

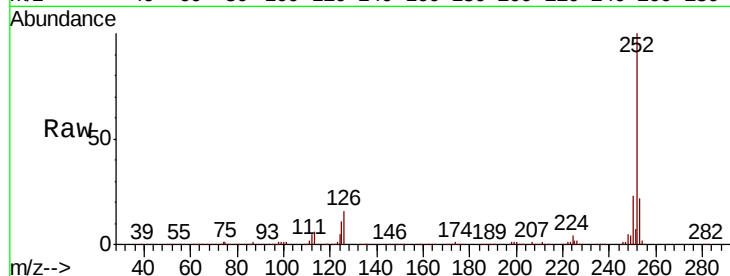
Tot Ion:252 Resp: 857217

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

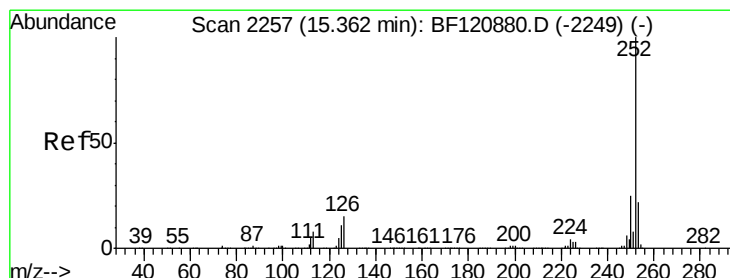
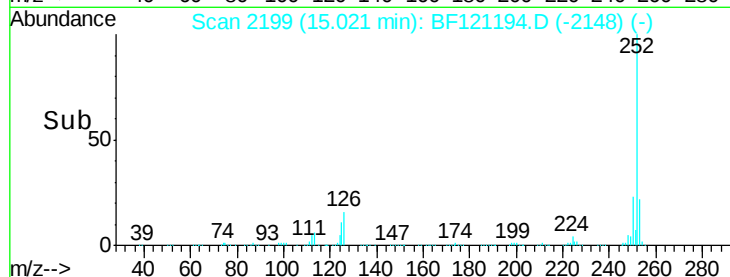
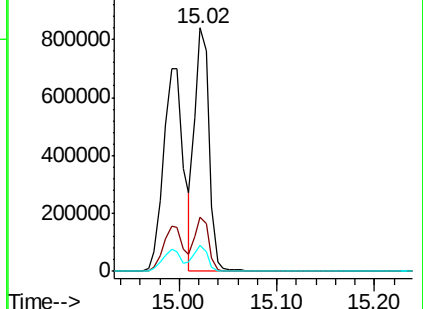
125 10.7 8.0 12.0



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: 42.087 ng

RT: 15.35 min Scan# 2255

Delta R.T. 0.01 min

Lab File: BF121194.D

Acq: 6 Aug 2020 9:10

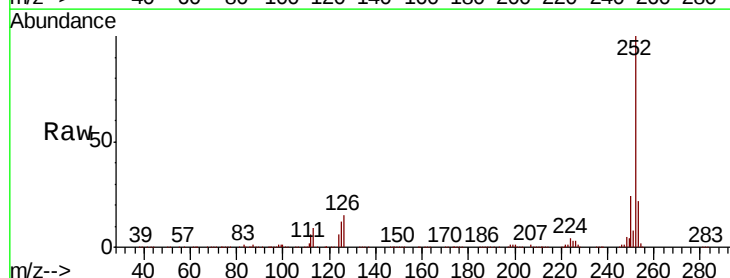
Tgt Ion:252 Resp: 850690

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

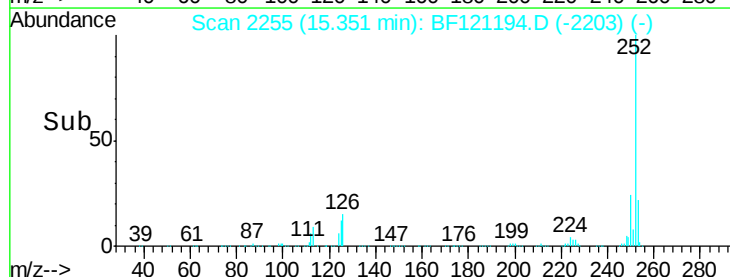
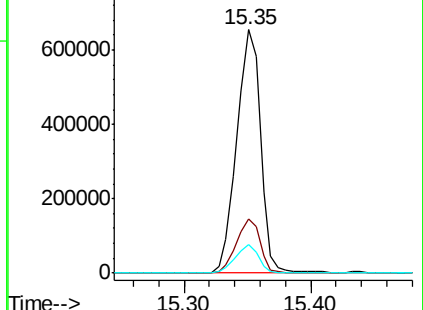
125 11.6 9.5 14.3



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



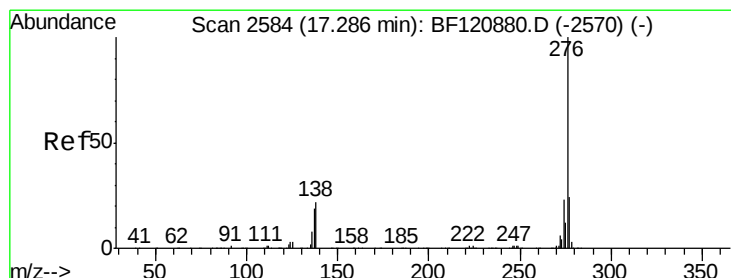
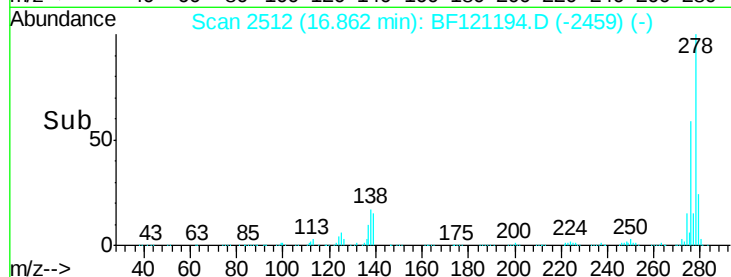
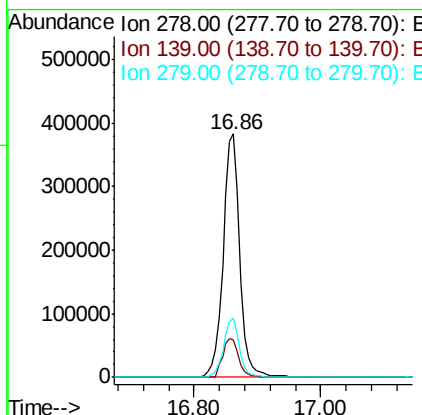
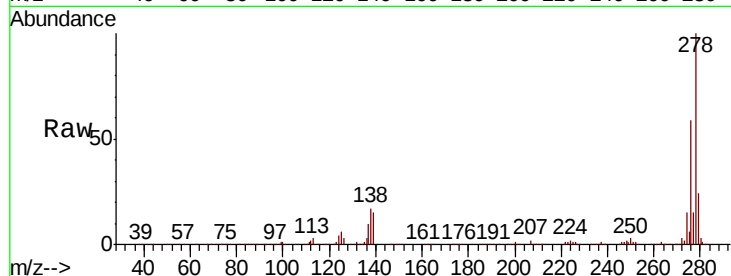


#91
Dibenzo(a,h)anthracene
Concen: 33.681 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BF121194.D
Acq: 6 Aug 2020 9:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 701267

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.6	18.8
279	24.1	19.5	29.3



#92
Benzo(g,h,i)perylene
Concen: 33.253 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.01 min
Lab File: BF121194.D
Acq: 6 Aug 2020 9:10

Tgt Ion:276 Resp: 682670

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	20.8	17.2	25.8

