

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121335.D
 Acq On : 20 Aug 2020 8:51
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 20 11:43:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	151807	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	562917	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	294923	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	565718	20.00	ng	0.00
76) Chrysene-d12	13.84	240	442769	20.00	ng	0.00
86) Perylene-d12	15.25	264	457897	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	682018	73.67	ng	0.00
7) Phenol-d6	6.34	99	869096	73.54	ng	0.00
23) Nitrobenzene-d5	7.26	82	789758	79.35	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	261332	76.04	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1335387	87.27	ng	0.00
79) Terphenyl-d14	12.80	244	1483524	65.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	156058	37.251	ng	100
3) Pyridine	3.01	79	422595	37.584	ng	99
4) n-Nitrosodimethylamine	2.97	42	169825	37.108	ng	100
6) Aniline	6.36	93	508218	37.240	ng	98
8) 2-Chlorophenol	6.48	128	360412	37.247	ng	99
9) Benzaldehyde	6.24	77	252398	37.961	ng	95
10) Phenol	6.35	94	433745	35.001	ng	99
11) bis(2-Chloroethyl)ether	6.43	93	348369	36.501	ng	99
12) 1,3-Dichlorobenzene	6.63	146	402012	37.083	ng	99
13) 1,4-Dichlorobenzene	6.71	146	405398	37.043	ng	99
14) 1,2-Dichlorobenzene	6.86	146	368109	35.319	ng	99
15) Benzyl Alcohol	6.85	79	262484	36.912	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	514927	36.642	ng	100
17) 2-Methylphenol	6.96	107	291037	36.452	ng	98
18) Hexachloroethane	7.20	117	149728	36.743	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	225001	35.399	ng	100
20) 3+4-Methylphenols	7.12	107	335915	41.938	ng	98
22) Acetophenone	7.11	105	469215	35.653	ng	99
24) Nitrobenzene	7.28	77	372671	36.737	ng	99
25) Isophorone	7.52	82	654375	36.127	ng	99
26) 2-Nitrophenol	7.60	139	197265	37.916	ng	99
27) 2,4-Dimethylphenol	7.64	122	273723	36.871	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	450901	36.569	ng	99
29) 2,4-Dichlorophenol	7.84	162	302164	37.280	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	340447	36.731	ng	100
31) Naphthalene	8.00	128	1024568	36.571	ng	100
32) Benzoic acid	7.78	122	214231	38.542	ng	96
33) 4-Chloroaniline	8.05	127	453416	36.549	ng	97
34) Hexachlorobutadiene	8.12	225	201038	36.651	ng	99
35) Caprolactam	8.43	113	101685	38.306	ng	100
36) 4-Chloro-3-methylphenol	8.54	107	302508	36.902	ng	99
37) 2-Methylnaphthalene	8.69	142	669248	36.855	ng	100
38) 1-Methylnaphthalene	8.79	142	635468	36.805	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	320663	36.633	ng	100

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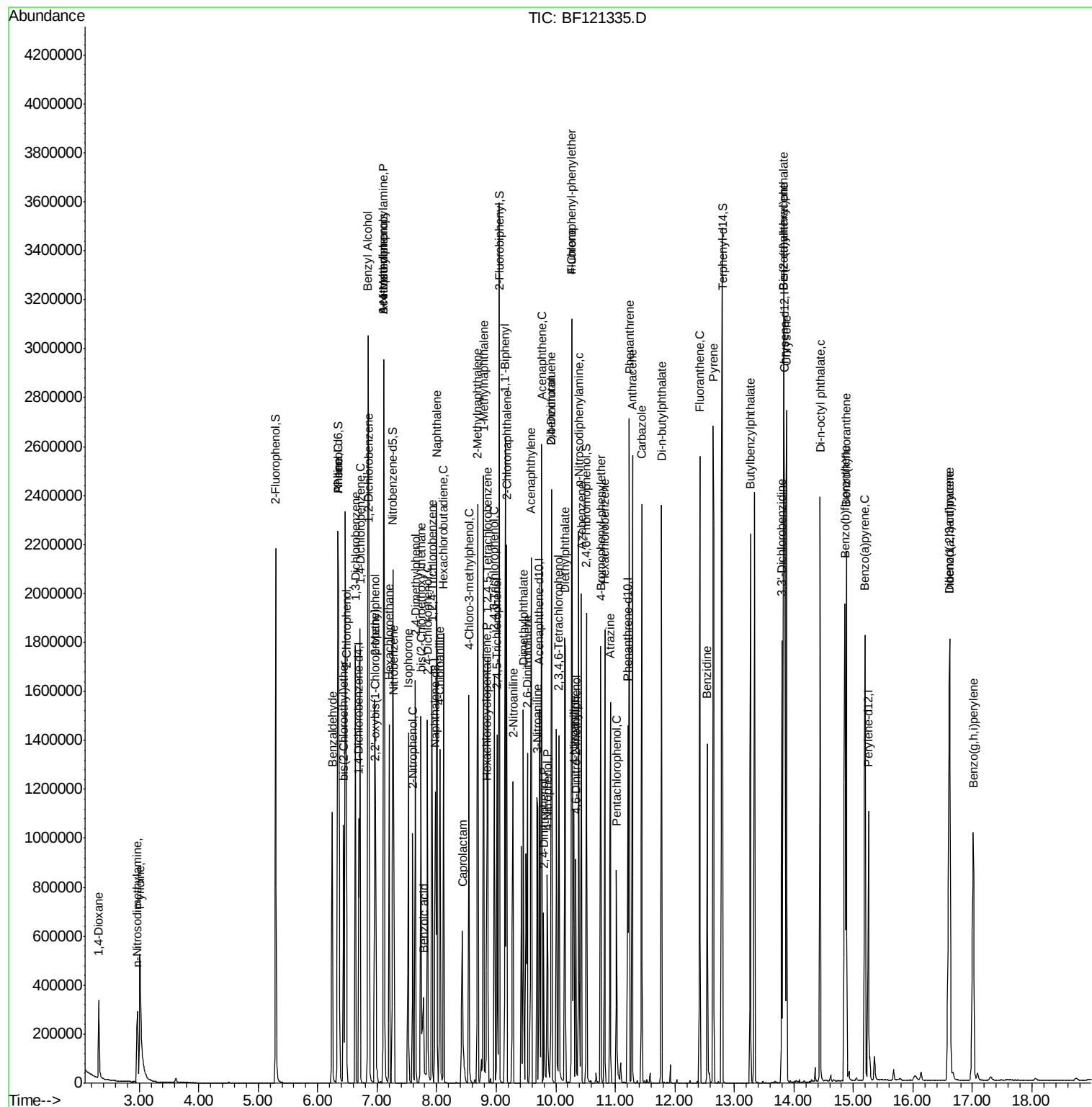
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	117655	37.496	ng	100
43) 2,4,6-Trichlorophenol	8.97	196	224529	37.520	ng	100
44) 2,4,5-Trichlorophenol	9.01	196	229686	37.307	ng	99
46) 1,1'-Biphenyl	9.15	154	809359	36.615	ng	100
47) 2-Chloronaphthalene	9.17	162	659695	36.225	ng	99
48) 2-Nitroaniline	9.28	65	214595	37.426	ng	89
49) Acenaphthylene	9.59	152	999146	36.938	ng	100
50) Dimethylphthalate	9.46	163	787615	36.708	ng	100
51) 2,6-Dinitrotoluene	9.52	165	172804	37.711	ng	99
52) Acenaphthene	9.76	154	598543	36.418	ng	99
53) 3-Nitroaniline	9.69	138	215110	37.526	ng	98
54) 2,4-Dinitrophenol	9.80	184	90544	40.986	ng	96
55) Dibenzofuran	9.93	168	880073	41.537	ng	99
56) 4-Nitrophenol	9.86	139	139134	39.356	ng	97
57) 2,4-Dinitrotoluene	9.92	165	217981	38.993	ng	94
58) Fluorene	10.27	166	659415	42.376	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	199557	37.917	ng	99
60) Diethylphthalate	10.16	149	765562	36.539	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	325935	41.458	ng	99
62) 4-Nitroaniline	10.30	138	219708	37.407	ng	99
63) Azobenzene	10.43	77	712007	36.587	ng	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	122426	40.466	ng	99
66) n-Nitrosodiphenylamine	10.39	169	643289	36.865	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	229318	36.543	ng	99
68) Hexachlorobenzene	10.82	284	263722	36.459	ng	98
69) Atrazine	10.92	200	201740	37.320	ng	98
70) Pentachlorophenol	11.02	266	130252	40.471	ng	99
71) Phenanthrene	11.23	178	1033993	35.315	ng	99
72) Anthracene	11.29	178	1031946	36.600	ng	100
73) Carbazole	11.45	167	999259	37.136	ng	99
74) Di-n-butylphthalate	11.77	149	1193668	36.788	ng	100
75) Fluoranthene	12.42	202	1148097	36.127	ng	99
77) Benzidine	12.54	184	532414	43.646	ng	100
78) Pyrene	12.64	202	1170578	35.195	ng	99
80) Butylbenzylphthalate	13.27	149	522298	36.546	ng	100
81) Benzo(a)anthracene	13.83	228	921889	33.522	ng	100
82) 3,3'-Dichlorobenzidine	13.80	252	397448	37.641	ng	100
83) Chrysene	13.87	228	1005502	35.749	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	590336	35.125	ng	100
85) Di-n-octyl phthalate	14.44	149	1182412	38.016	ng	100
87) Indeno(1,2,3-cd)pyrene	16.61	276	1047295	37.469	ng	100
88) Benzo(b)fluoranthene	14.86	252	1056144	35.702	ng	98
89) Benzo(k)fluoranthene	14.89	252	939980	36.098	ng	98
90) Benzo(a)pyrene	15.20	252	929989	36.385	ng	98
91) Dibenzo(a,h)anthracene	16.62	278	848795	37.037	ng	99
92) Benzo(g,h,i)perylene	17.02	276	844462	37.692	ng	100

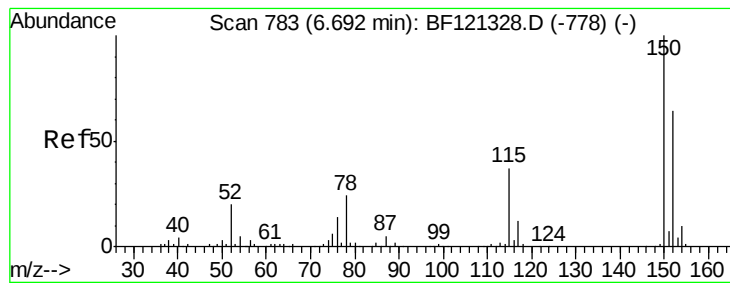
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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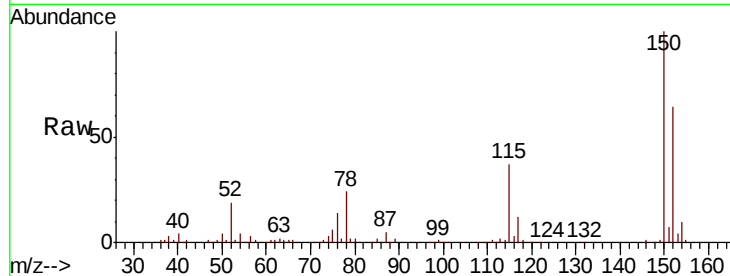


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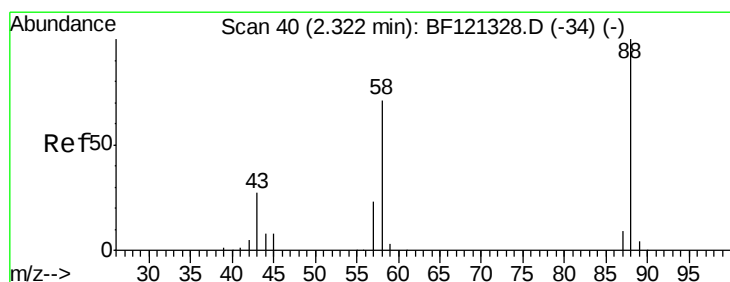
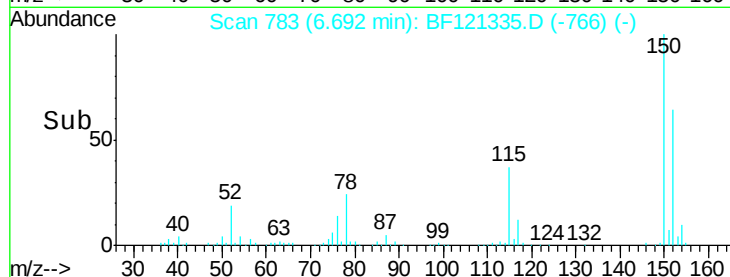
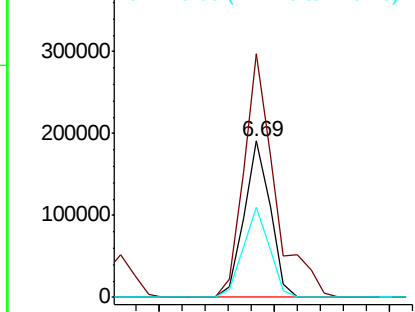
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.8	187.2
115	57.7	46.1	69.1



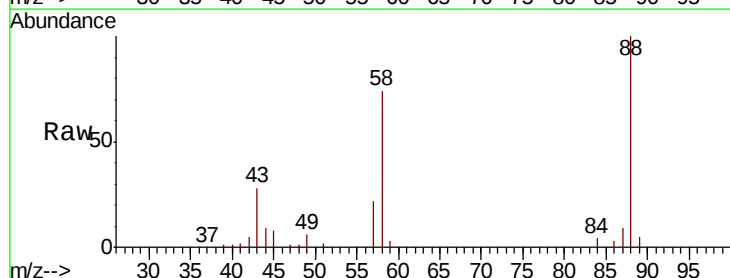
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



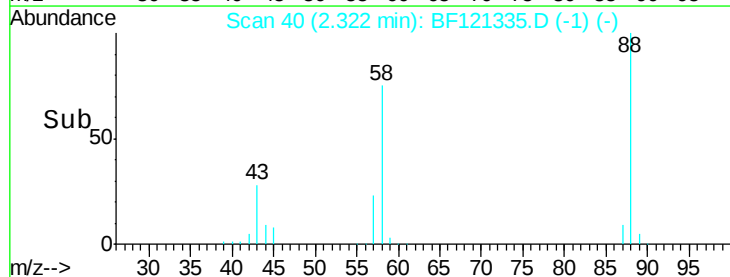
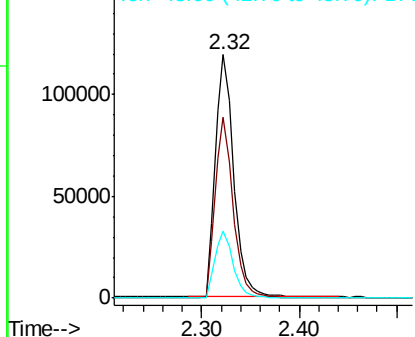
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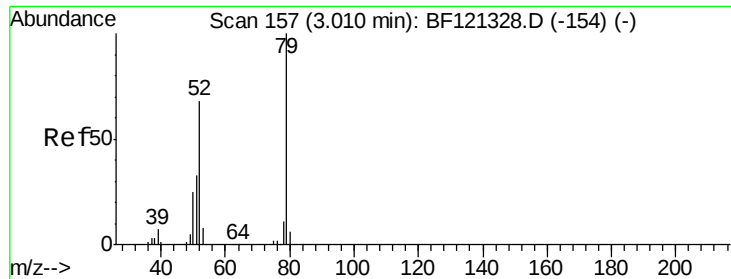
1,4-Dioxane
Concen: 37.251 ng
RT: 2.32 min Scan# 40
Delta R.T. 0.00 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.9	58.5	87.7
43	27.7	21.8	32.8



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

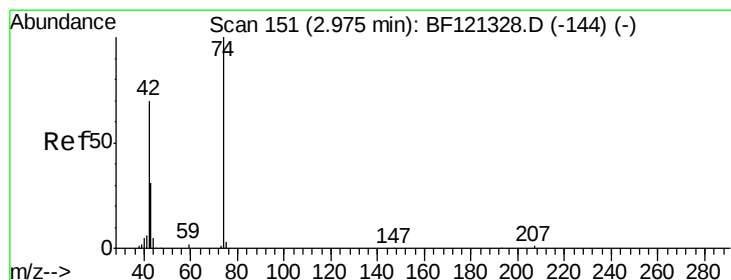
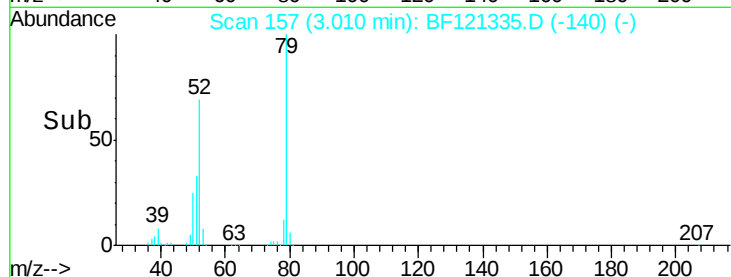
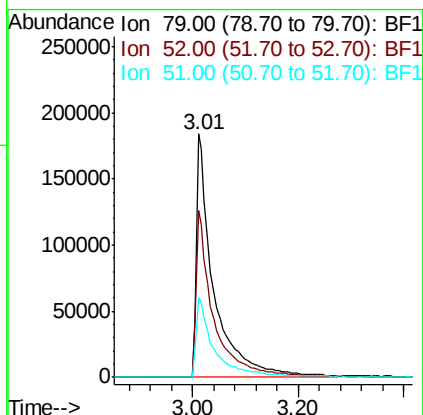
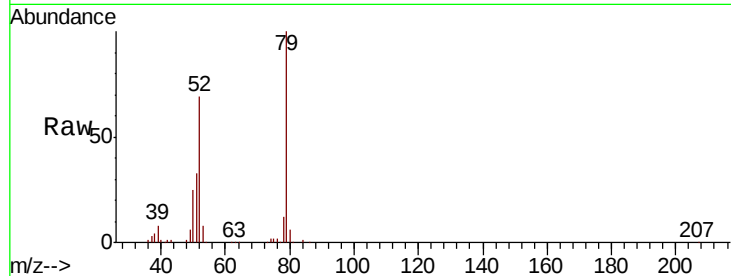




#3
 Pvridine
 Concen: 37.584 ng
 RT: 3.01 min Scan# 157
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

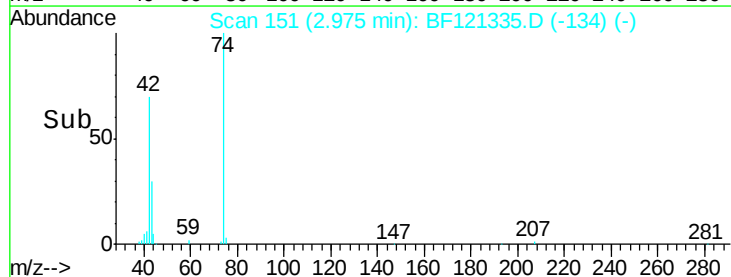
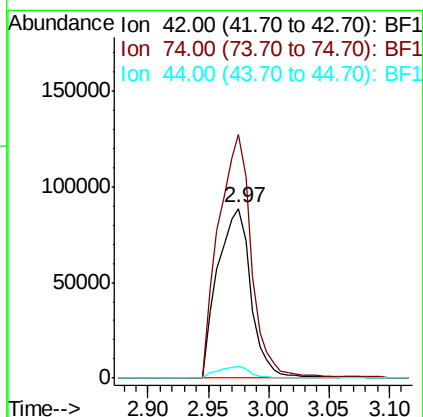
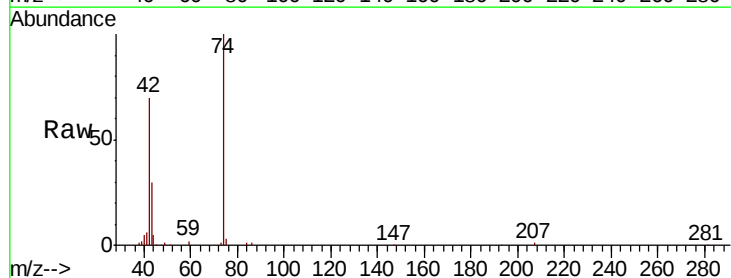
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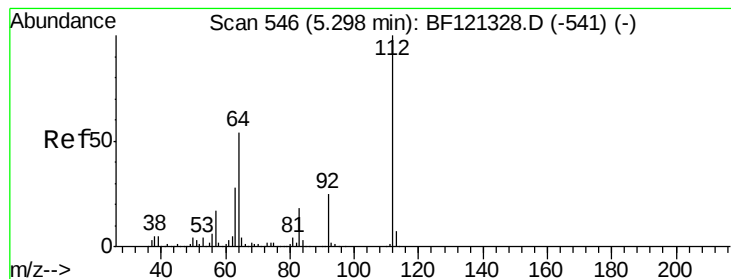
Tot Ion	Ratio	Lower	Upper
79	100		
52	68.5	54.6	82.0
51	33.0	27.0	40.6



#4
 n-Nitrosodimethylamine
 Concen: 37.108 ng
 RT: 2.97 min Scan# 151
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.3	114.2	171.2
44	6.8	5.4	8.2

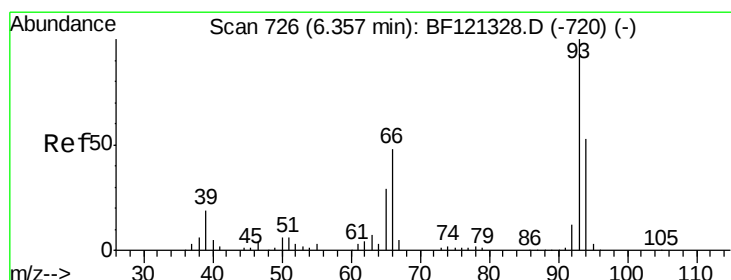
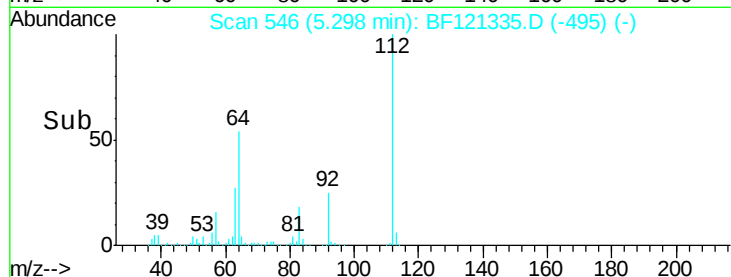
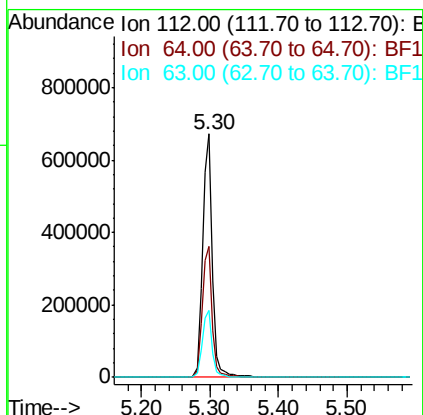
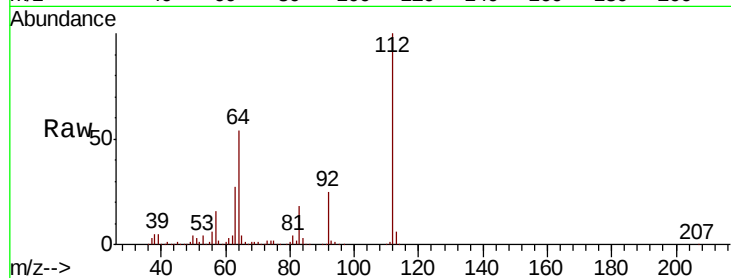




#5
 2-Fluorophenol
 Concen: 73.668 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

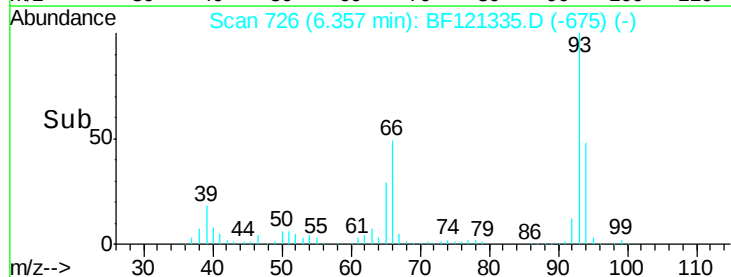
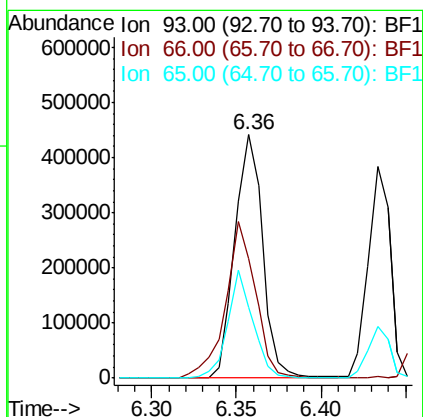
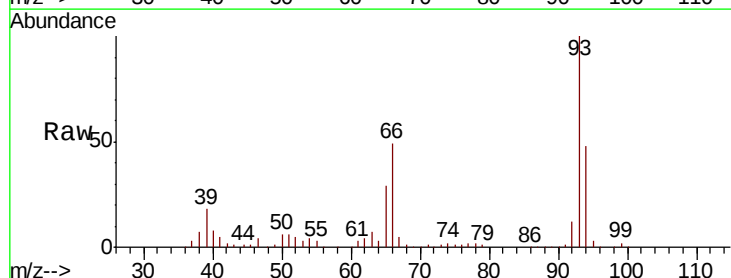
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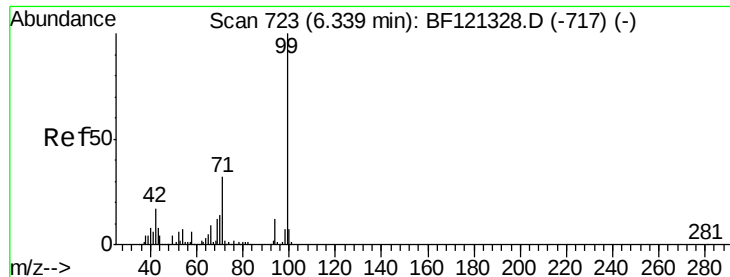
Tot Ion	Ratio	Lower	Upper
112	100		
64	53.8	43.5	65.3
63	27.3	22.0	33.0



#6
 Aniline
 Concen: 37.240 ng
 RT: 6.36 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF121335.D
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Tgt Ion	Ratio	Lower	Upper
93	100		
66	48.9	40.2	60.2
65	28.9	23.6	35.4





#7

Phenol-d6

Concen: 73.536 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

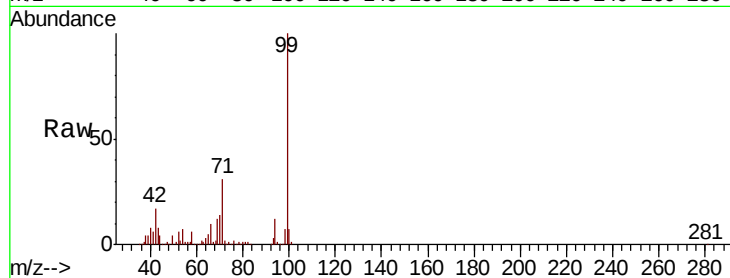
Tot Ion: 99 Resp: 869096

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

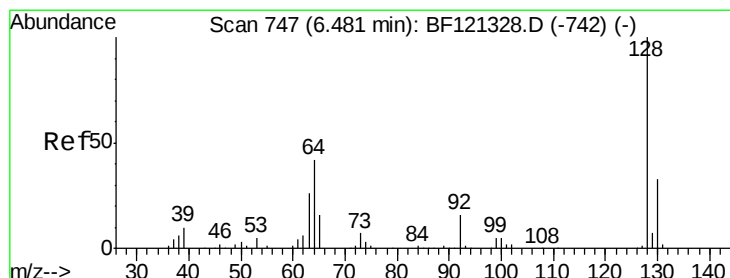
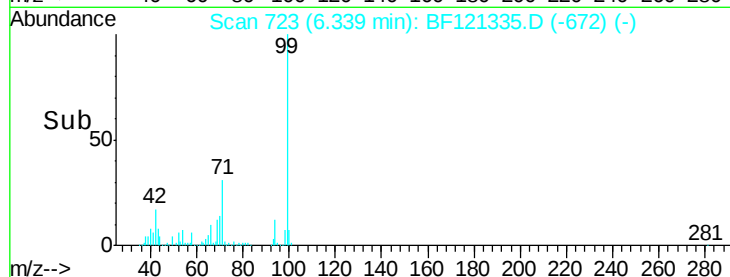
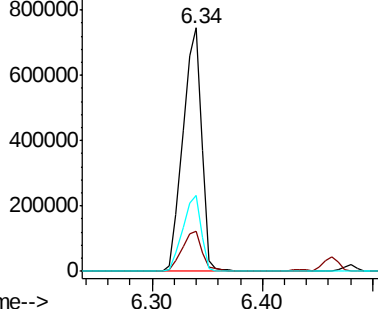
71 31.3 25.2 37.8



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: 37.247 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

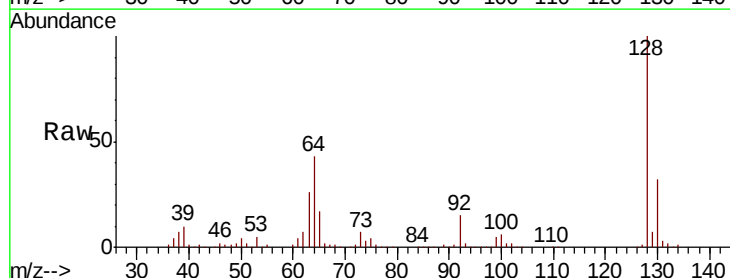
Tgt Ion: 128 Resp: 360412

Ion Ratio Lower Upper

128 100

130 32.5 12.8 52.8

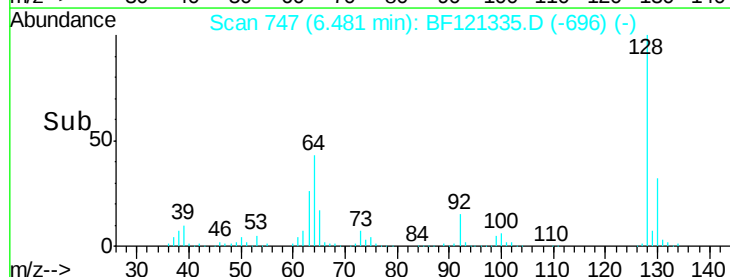
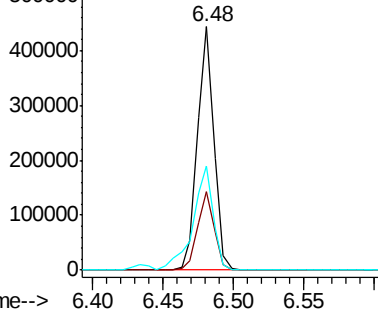
64 42.8 23.4 63.4

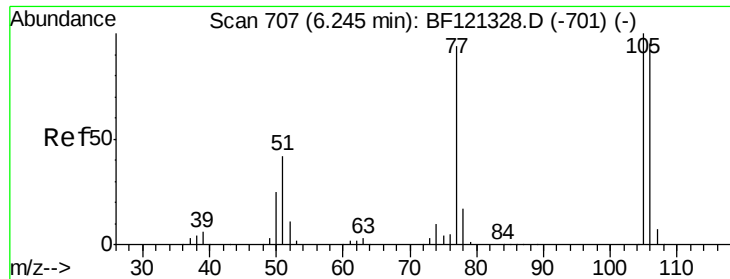


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.961 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

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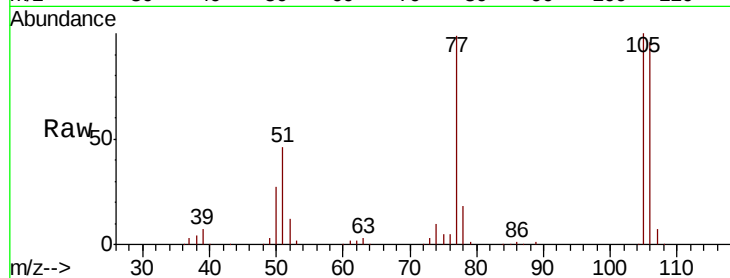
Tot Ion: 77 Resp: 252398

Ion Ratio Lower Upper

77 100

105 100.8 86.3 126.3

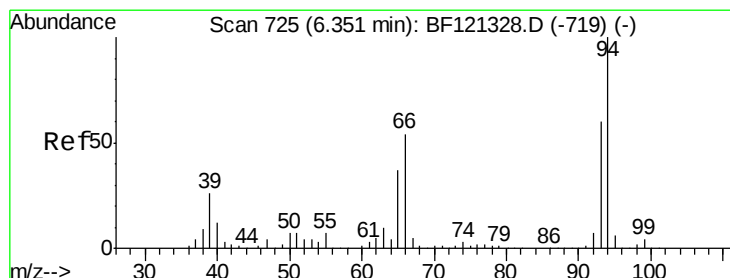
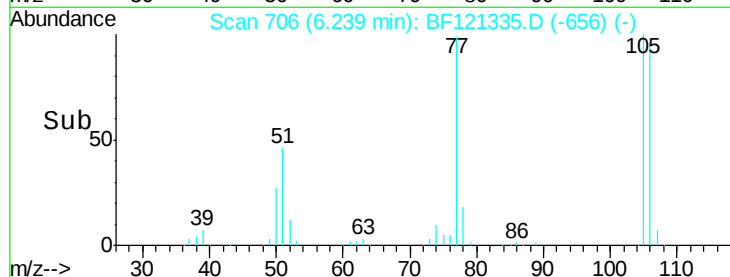
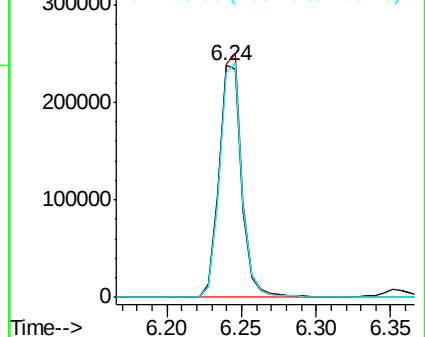
106 97.0 81.2 121.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.001 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

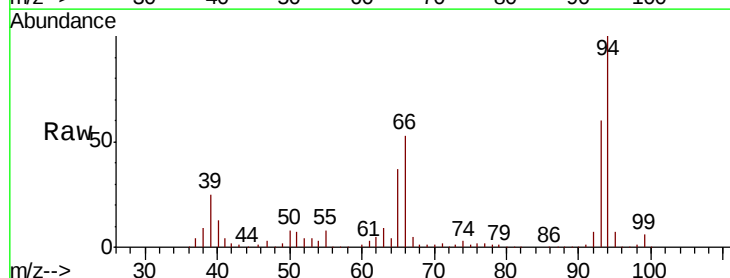
Tgt Ion: 94 Resp: 433745

Ion Ratio Lower Upper

94 100

65 36.8 16.6 56.6

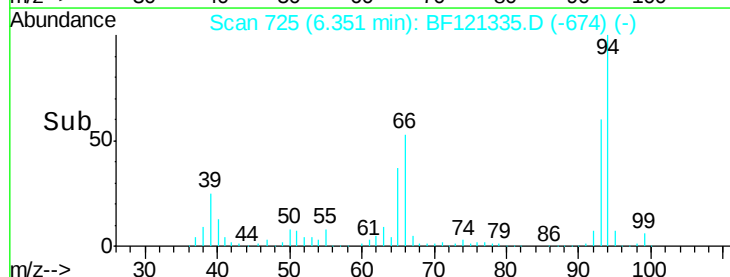
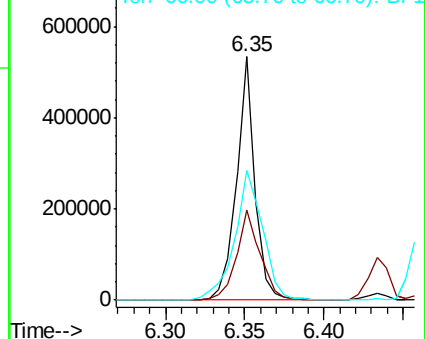
66 53.2 34.3 74.3

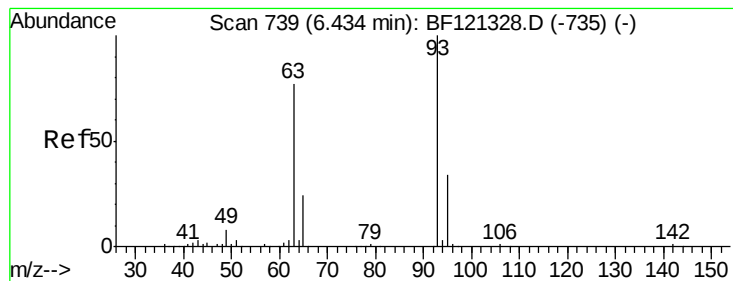


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.501 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

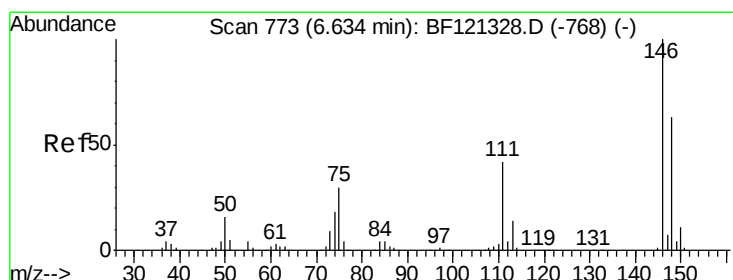
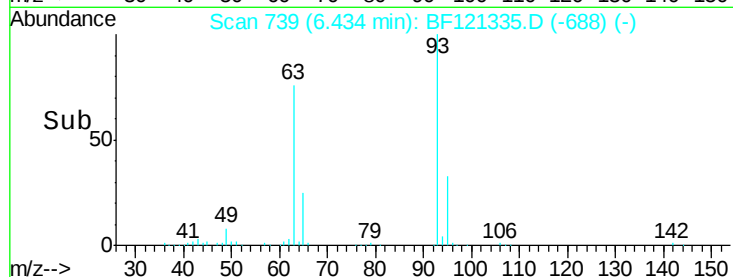
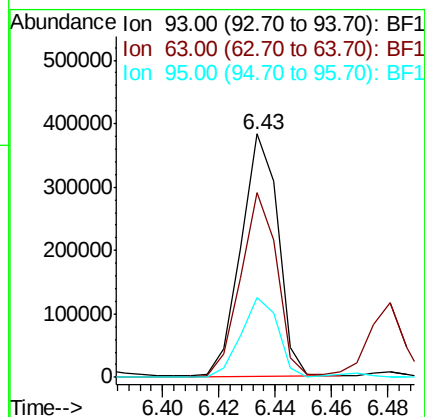
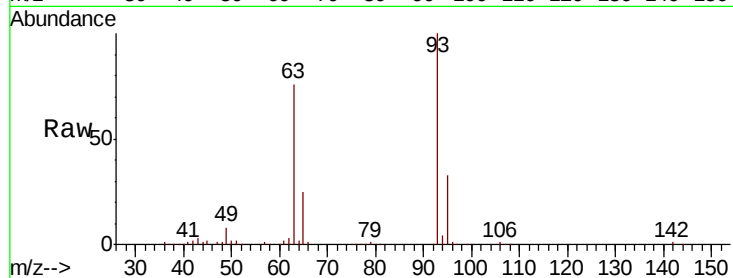
Tot Ion: 93 Resp: 348369

Ion Ratio Lower Upper

93 100

63 75.7 56.4 96.4

95 33.0 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 37.083 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

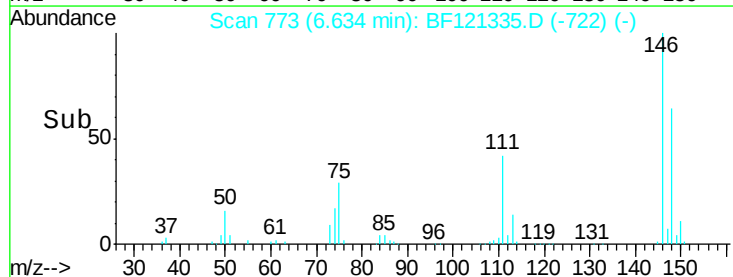
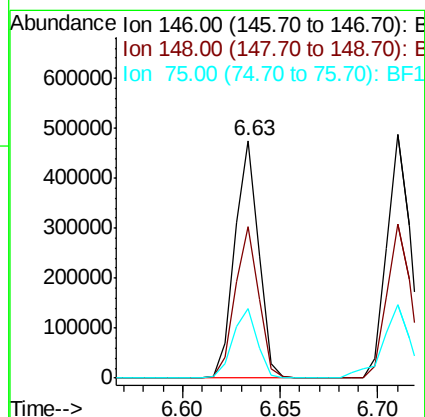
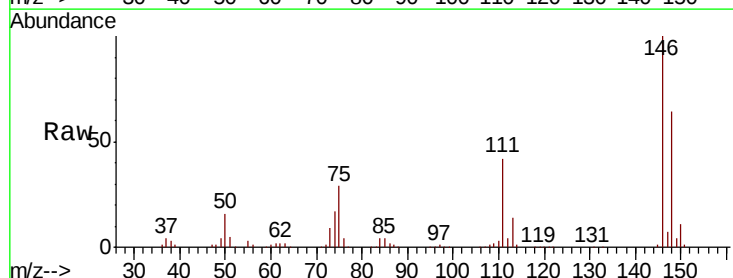
Tgt Ion: 146 Resp: 402012

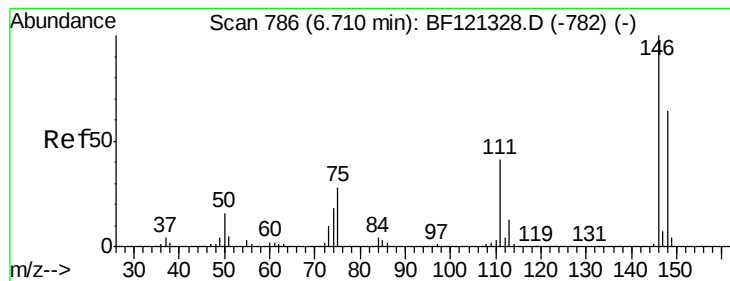
Ion Ratio Lower Upper

146 100

148 63.8 50.7 76.1

75 29.1 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 37.043 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

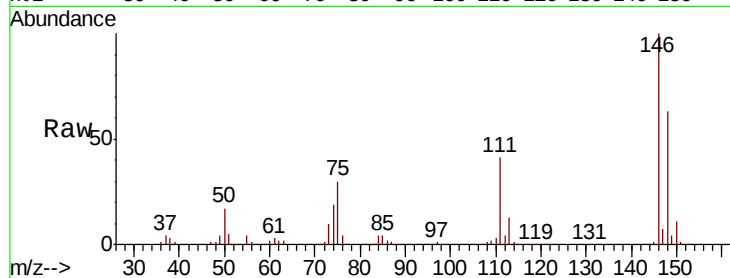
Tot Ion:146 Resp: 405398

Ion Ratio Lower Upper

146 100

148 63.4 51.2 76.8

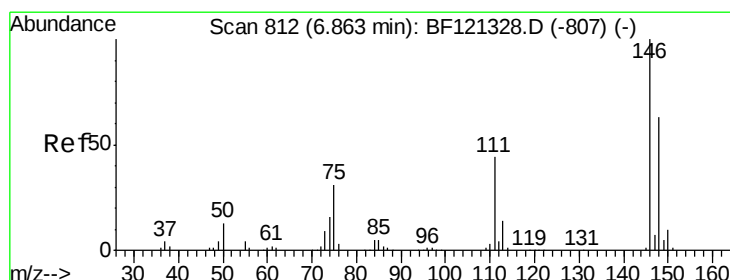
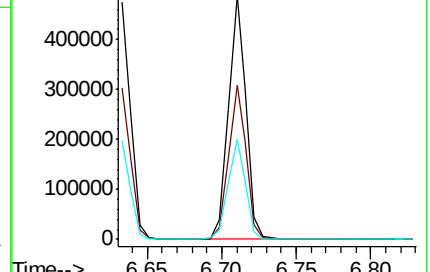
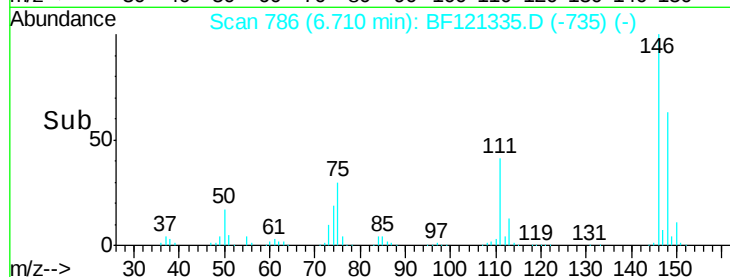
111 41.3 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.319 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

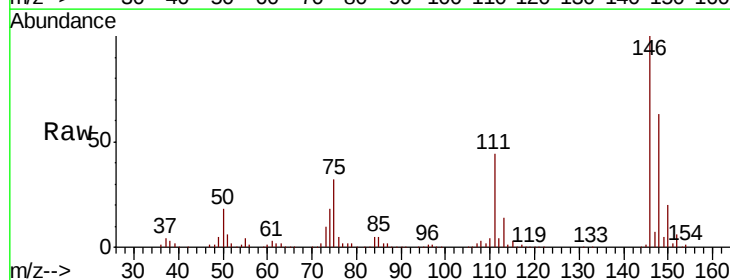
Tgt Ion:146 Resp: 368109

Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

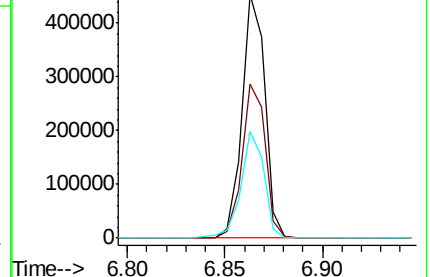
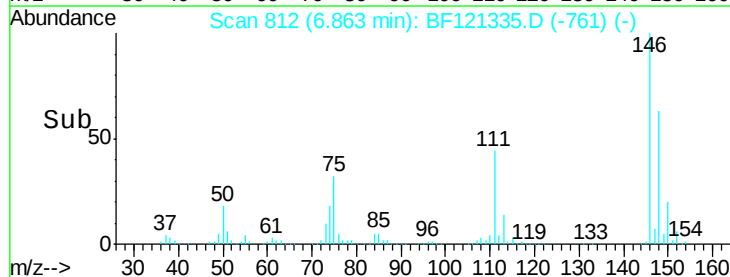
111 43.9 35.5 53.3

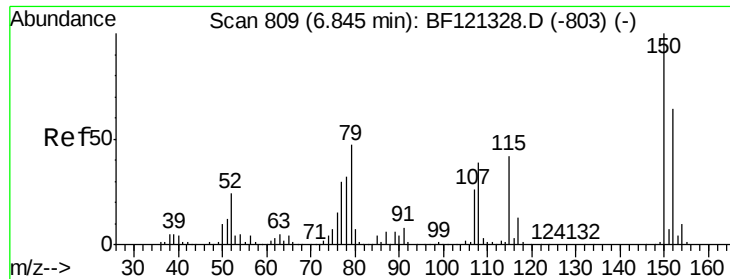


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

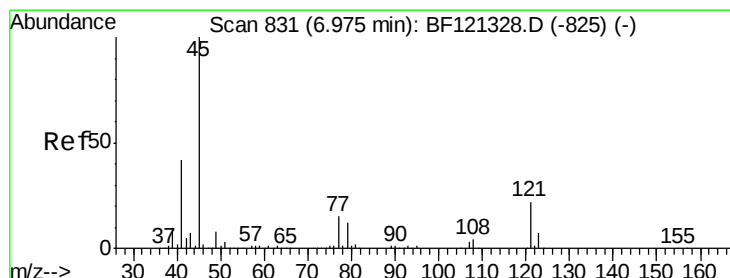
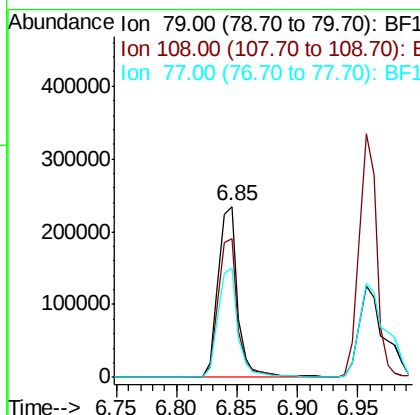
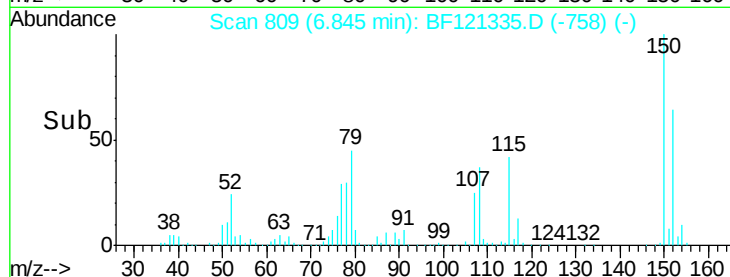
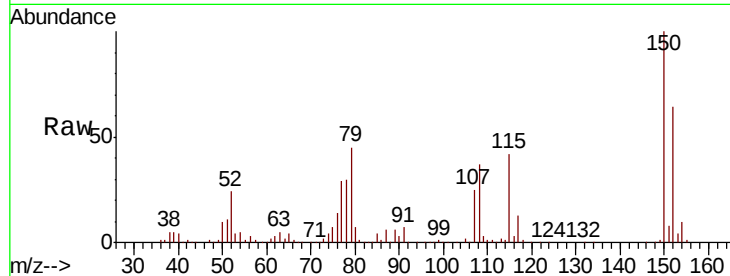




#15
Benzyl Alcohol
Concen: 36.912 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

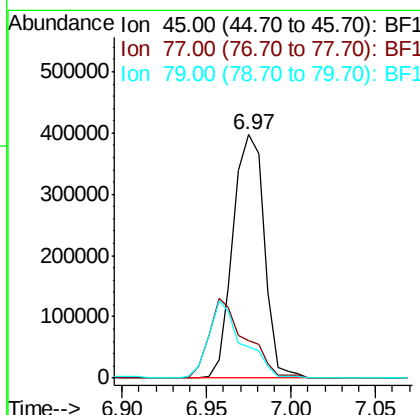
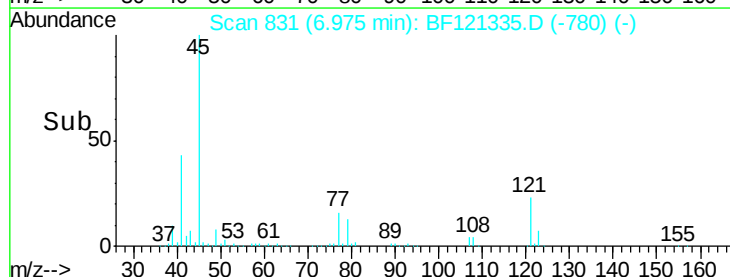
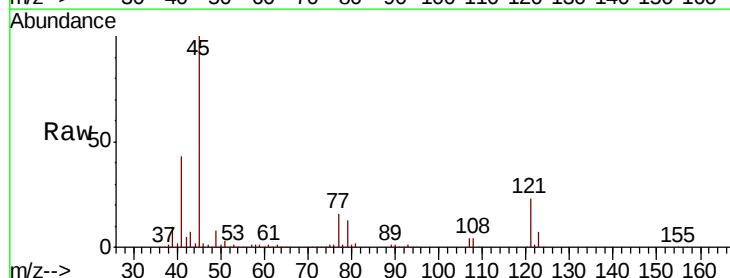
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

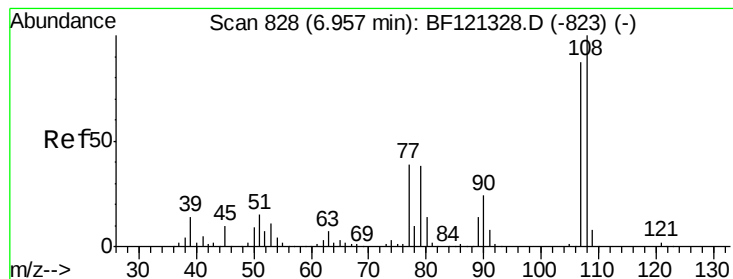
Tot Ion: 79 Resp: 262484
Ion Ratio Lower Upper
79 100
108 81.1 65.2 97.8
77 64.1 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.642 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

Tgt Ion: 45 Resp: 514927
Ion Ratio Lower Upper
45 100
77 15.6 0.0 35.6
79 12.7 0.0 32.5





#17

2-Methylphenol

Concen: 36.452 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 291037

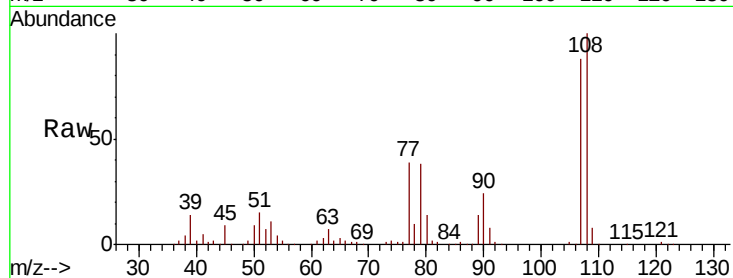
Ion Ratio Lower Upper

107 100

108 113.8 92.4 138.6

77 44.1 36.1 54.1

79 42.9 35.0 52.6

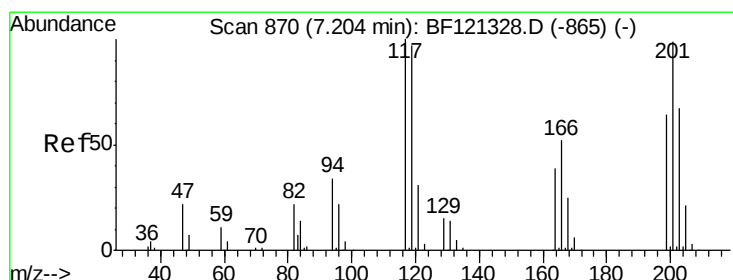
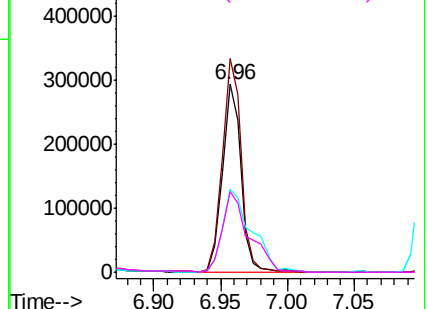
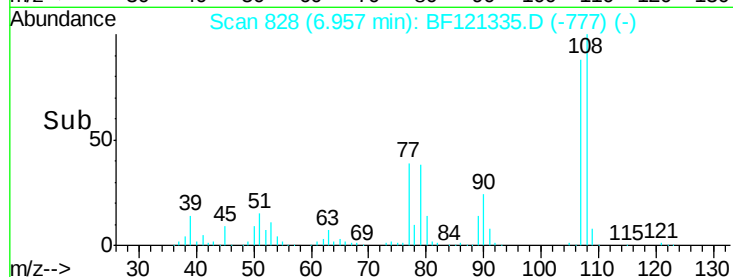


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.743 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

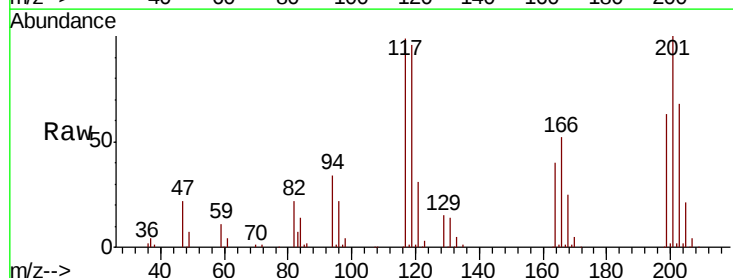
Tgt Ion:117 Resp: 149728

Ion Ratio Lower Upper

117 100

119 97.0 77.9 116.9

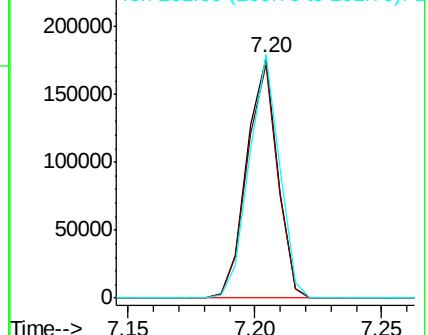
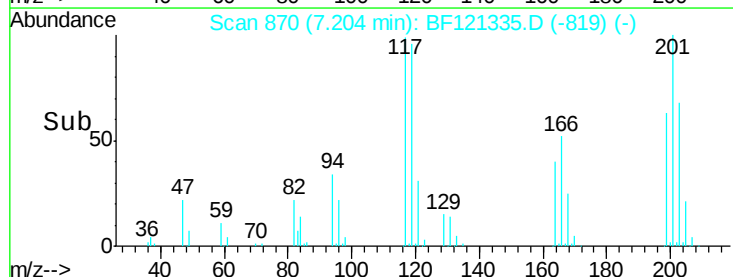
201 101.3 79.4 119.0

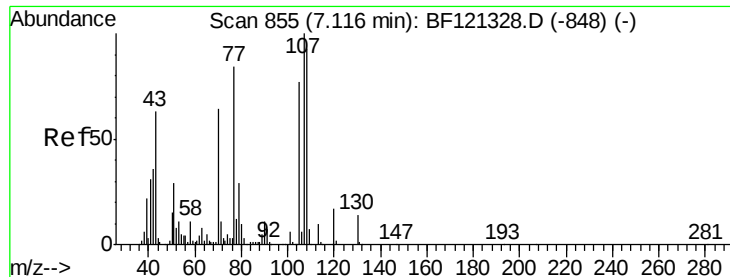


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

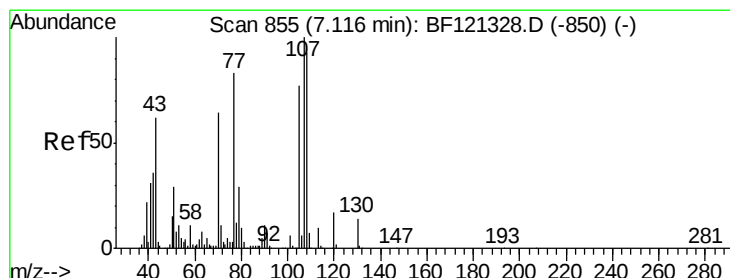
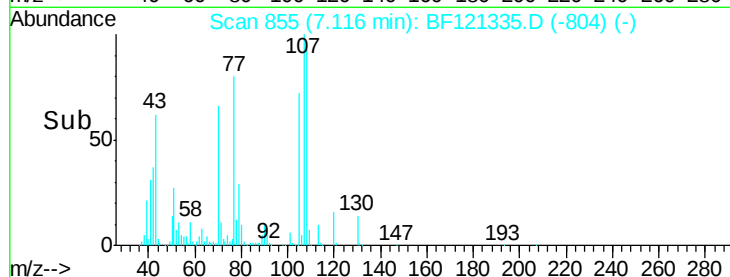
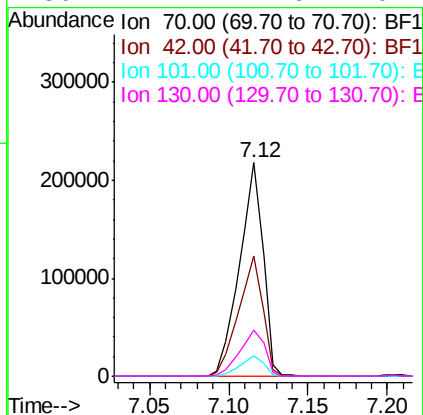
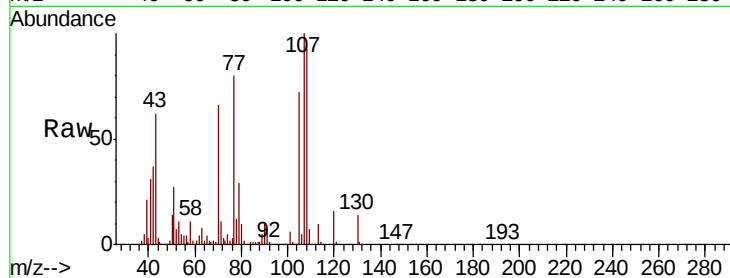




#19
n-Nitroso-di-n-propylamine
Concen: 35.399 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

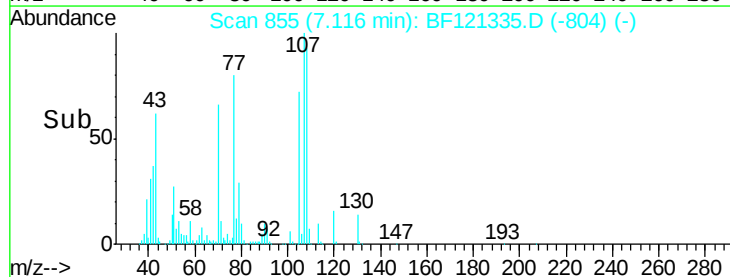
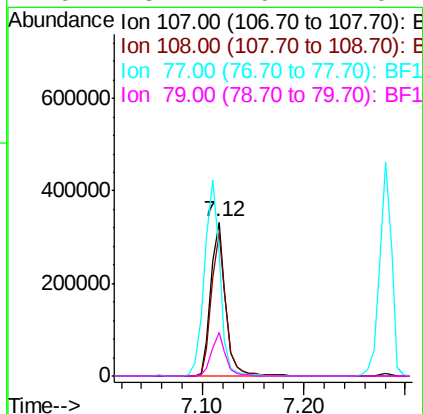
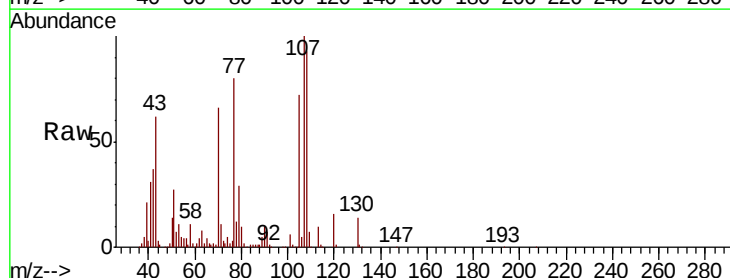
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

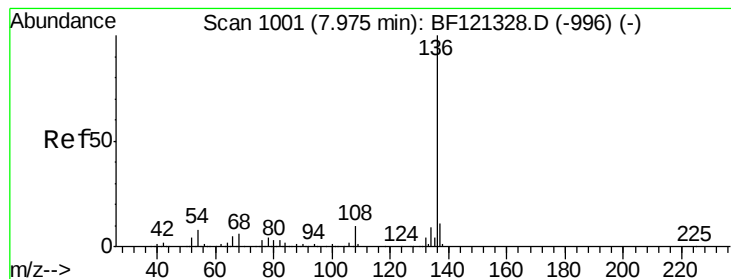
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.5	45.2	67.8
101	9.7	7.7	11.5
130	21.4	17.6	26.4



#20
3+4-Methylphenols
Concen: 41.938 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	72.6	112.6
77	79.7	63.8	103.8
79	28.7	9.1	49.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 562917

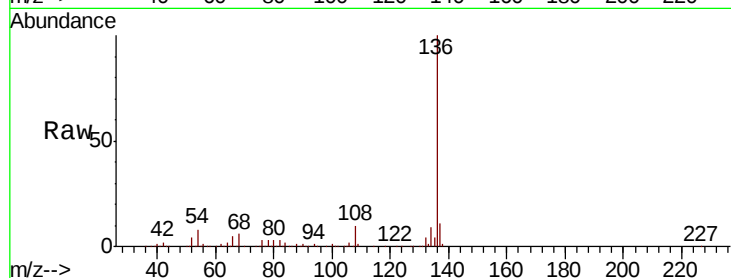
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.7 6.1 9.1

68 6.2 5.0 7.4

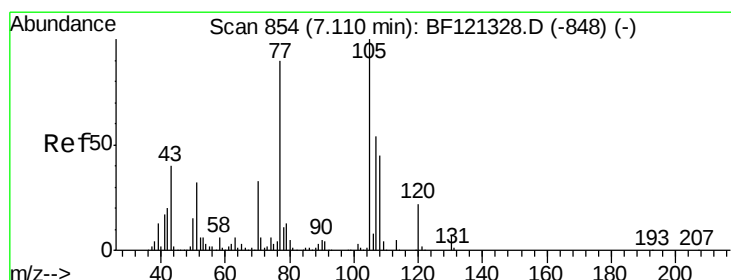
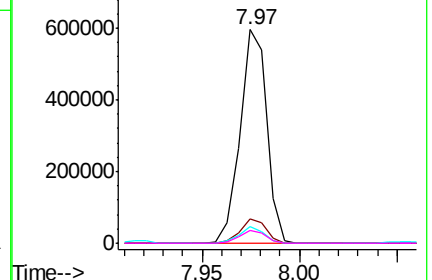
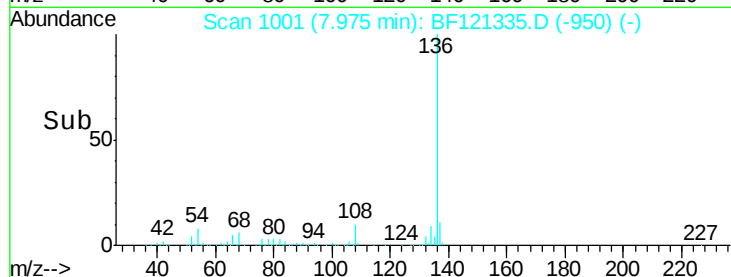


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.653 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Tgt Ion:105 Resp: 469215

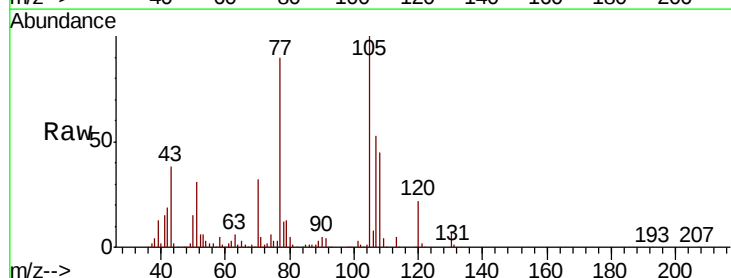
Ion Ratio Lower Upper

105 100

71 5.4 4.5 6.7

51 31.5 25.4 38.0

120 22.4 17.6 26.4

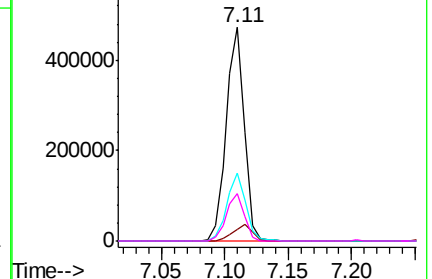
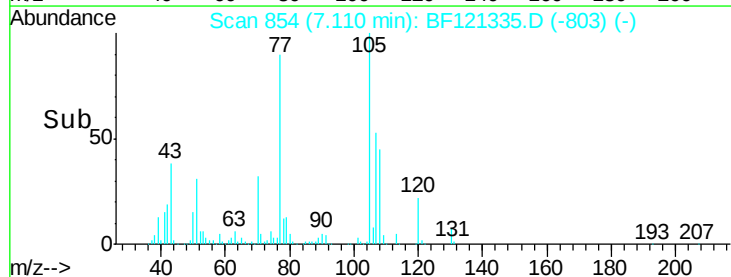


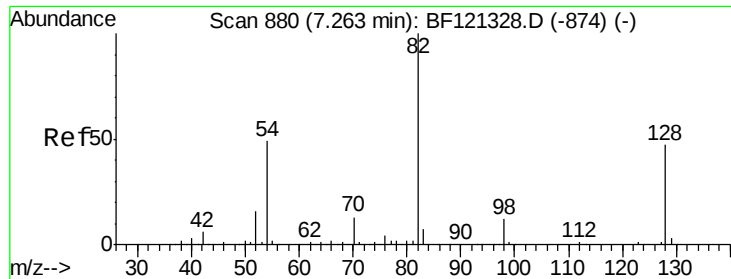
Abundance Ion 105.00 (104.70 to 105.70): E

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

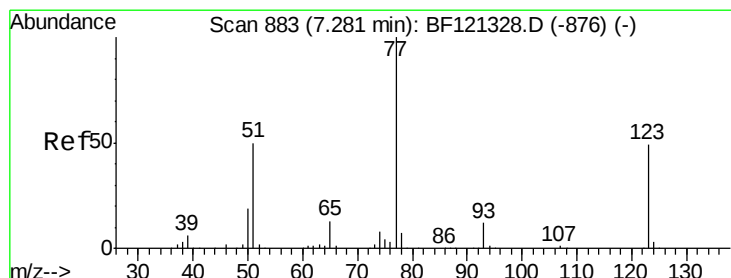
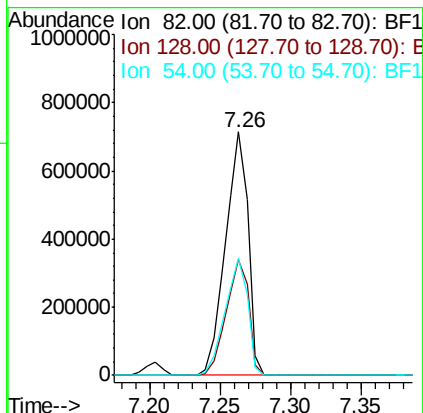
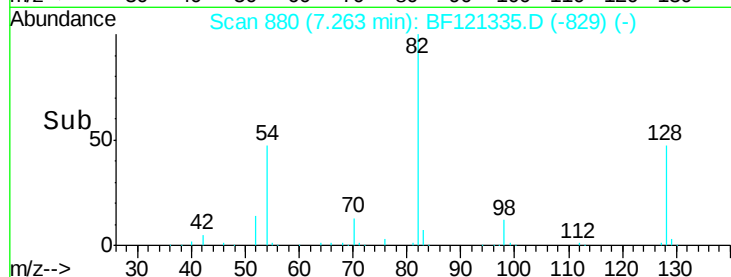
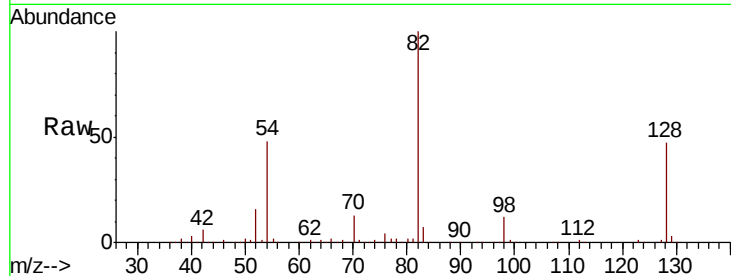




#23
 Nitrobenzene-d5
 Concen: 79.347 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

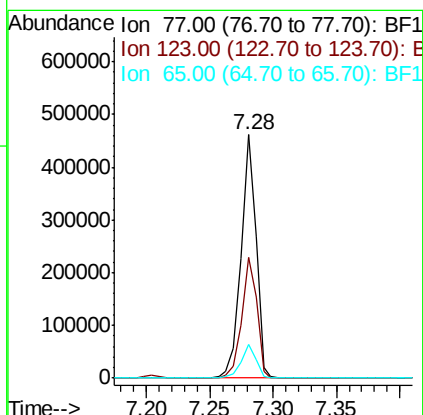
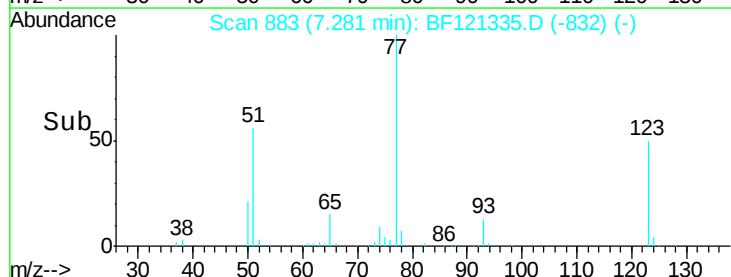
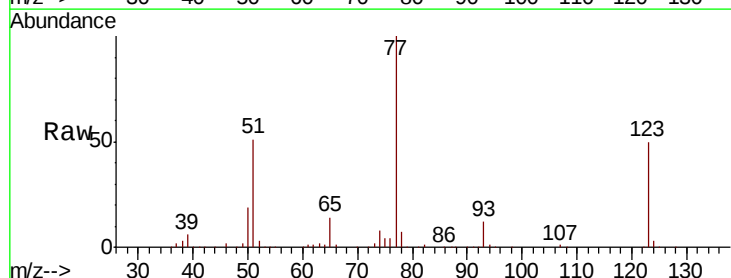
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

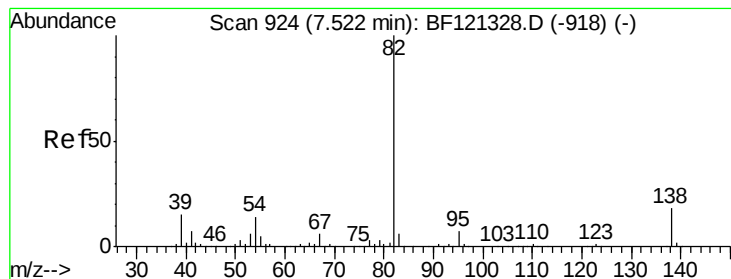
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.9	56.9
54	48.1	39.0	58.4



#24
 Nitrobenzene
 Concen: 36.737 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	39.2	58.8
65	13.6	10.6	15.8





#25

Isophorone

Concen: 36.127 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

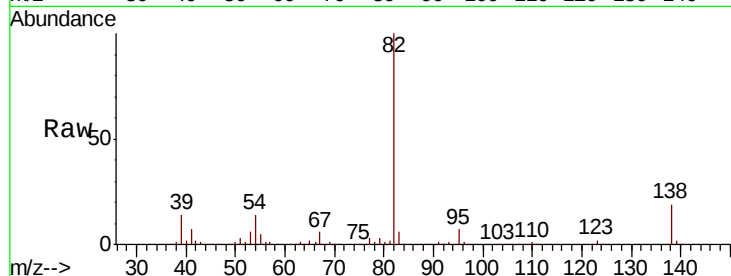
Tot Ion: 82 Resp: 654375

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

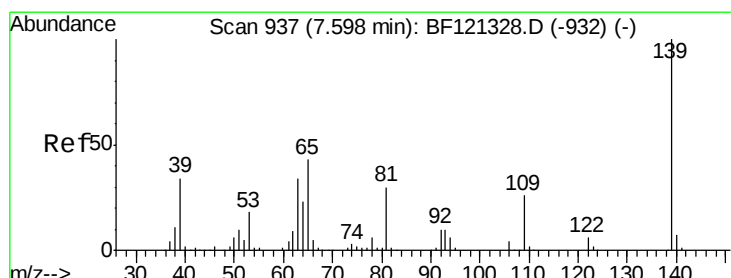
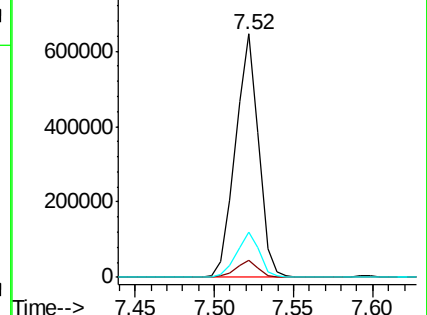
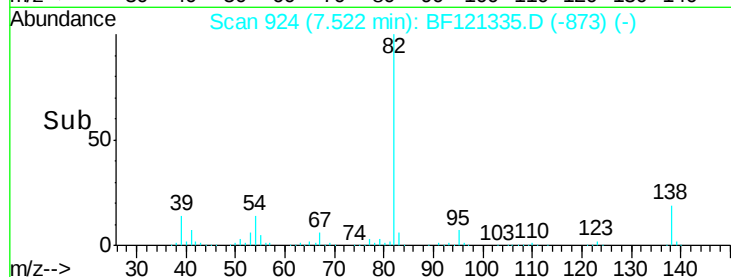
138 18.7 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 37.916 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

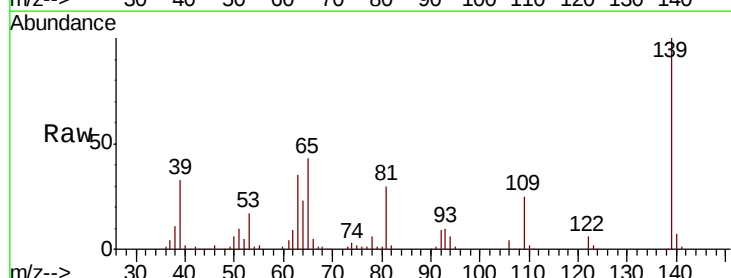
Tgt Ion: 139 Resp: 197265

Ion Ratio Lower Upper

139 100

109 25.3 21.1 31.7

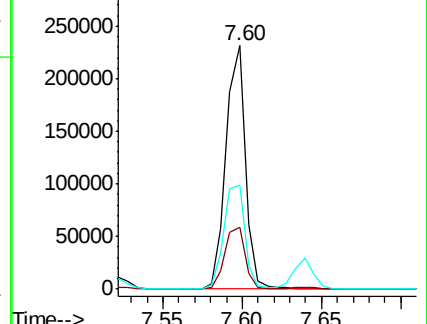
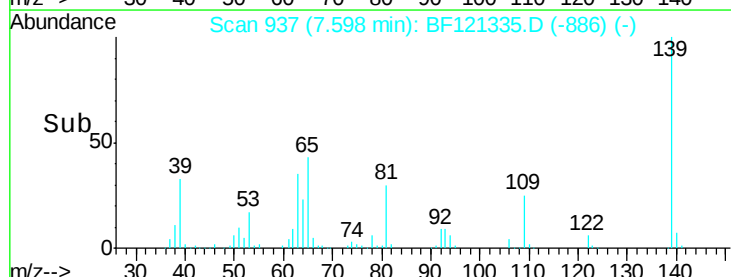
65 42.9 34.5 51.7

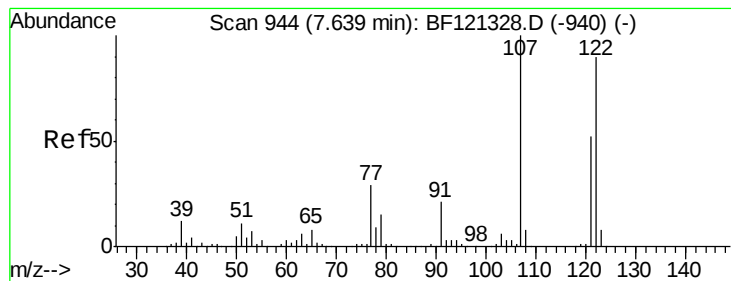


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.871 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

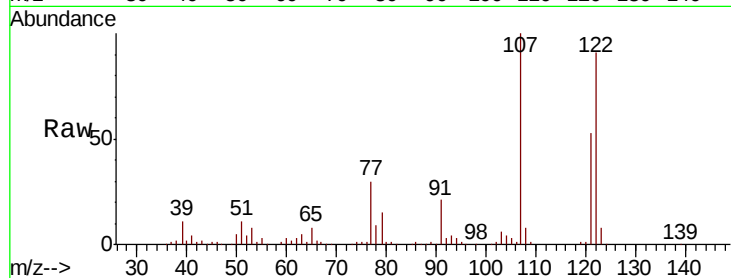
Tot Ion:122 Resp: 273723

Ion Ratio Lower Upper

122 100

107 109.3 89.0 133.4

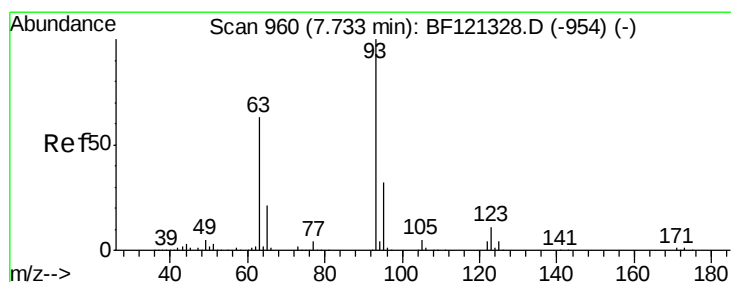
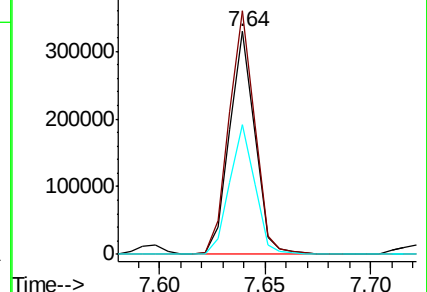
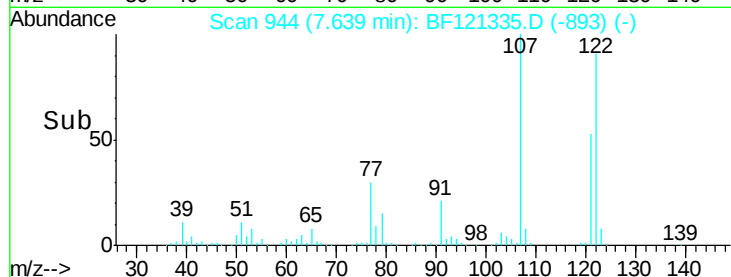
121 58.1 46.4 69.6



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: 36.569 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

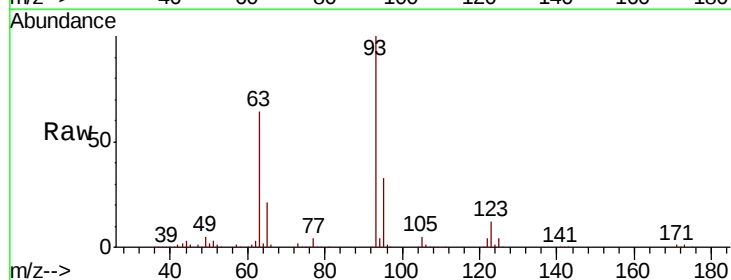
Tgt Ion: 93 Resp: 450901

Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

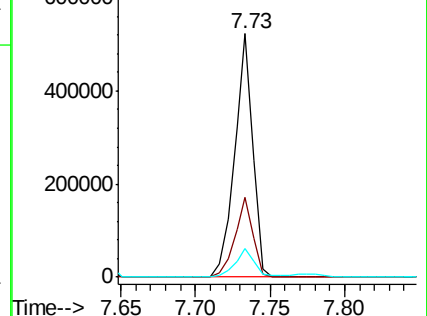
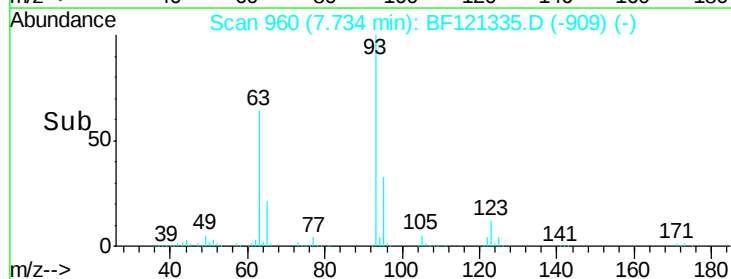
123 11.7 9.0 13.6

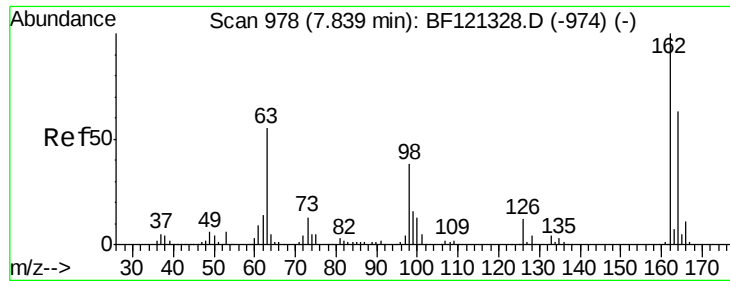


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

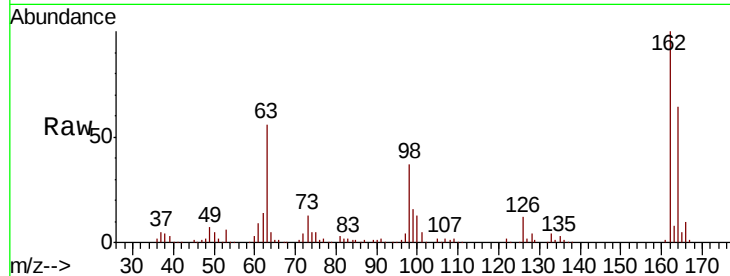




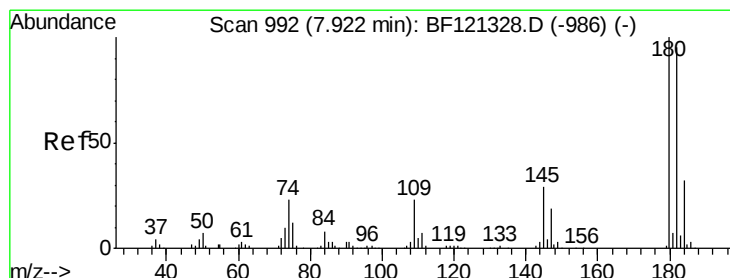
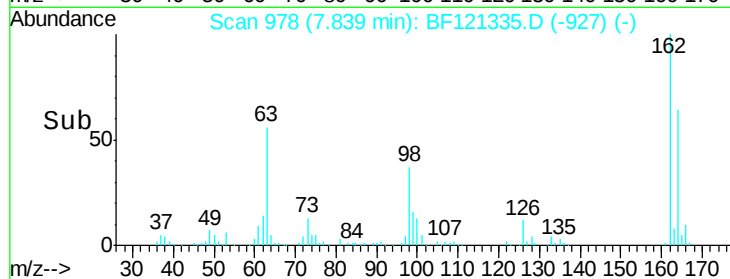
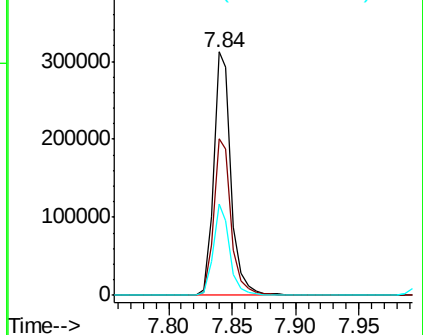
#29
 2,4-Dichlorophenol
 Concen: 37.280 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.4	83.4
98	37.2	18.1	58.1

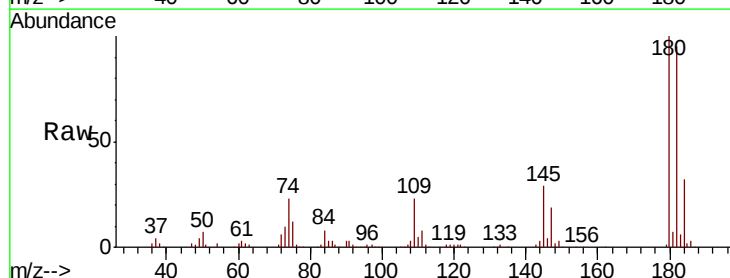


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

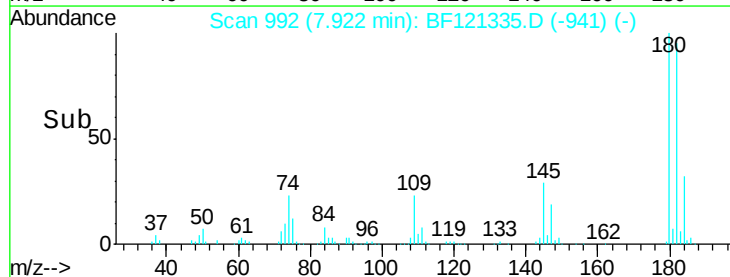
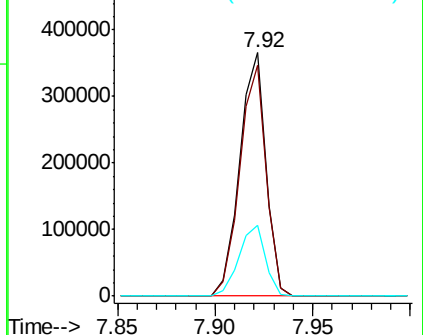


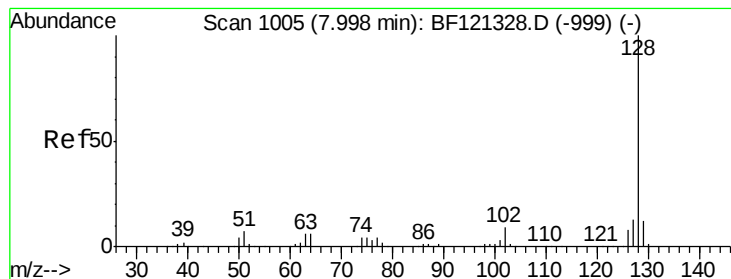
#30
 1,2,4-Trichlorobenzene
 Concen: 36.731 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.9	113.9
145	29.2	23.2	34.8



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





#31

Naphthalene

Concen: 36.571 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

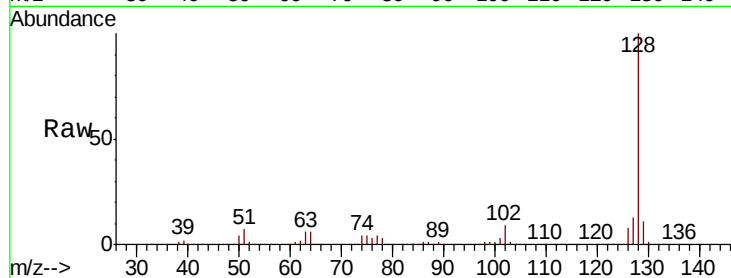
Tot Ion:128 Resp: 1024568

Ion Ratio Lower Upper

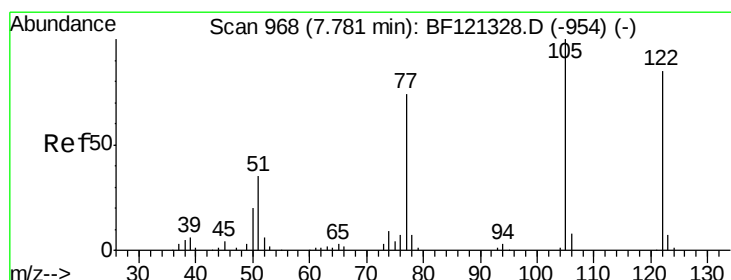
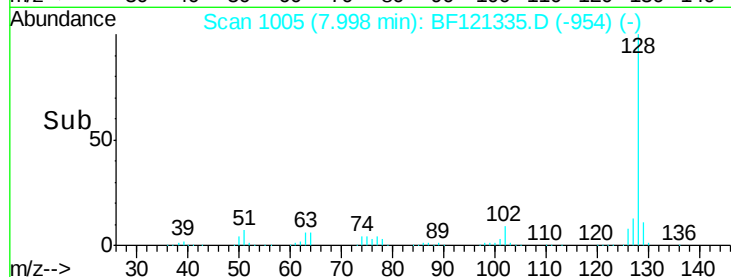
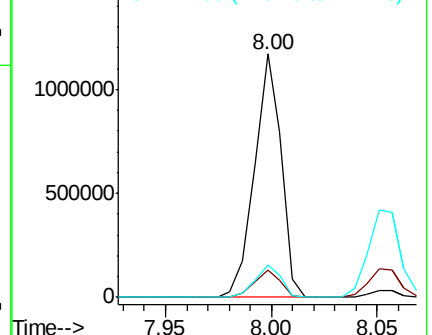
128 100

129 11.4 9.3 13.9

127 13.3 10.6 16.0



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: 38.542 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

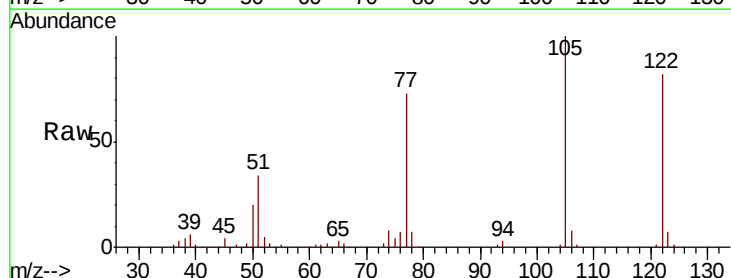
Tgt Ion:122 Resp: 214231

Ion Ratio Lower Upper

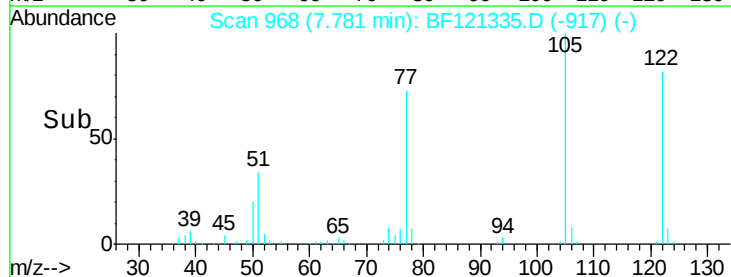
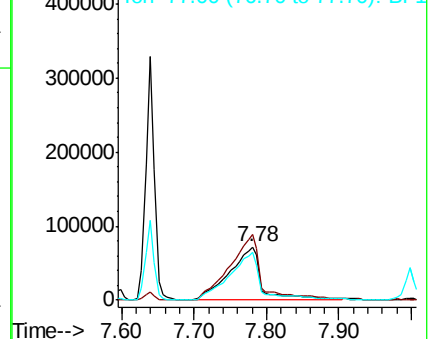
122 100

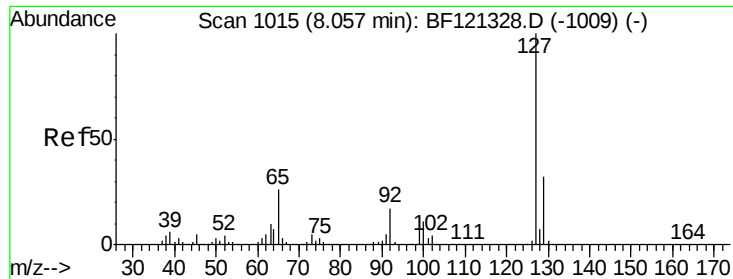
105 122.0 96.7 136.7

77 88.9 66.7 106.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

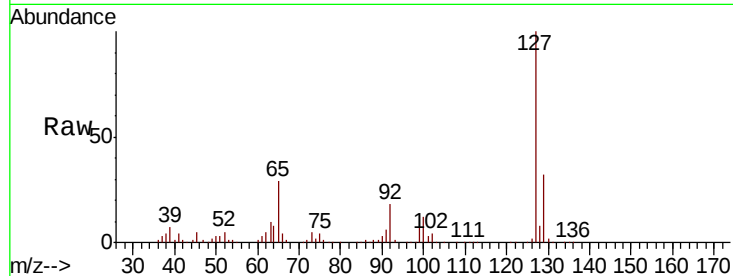




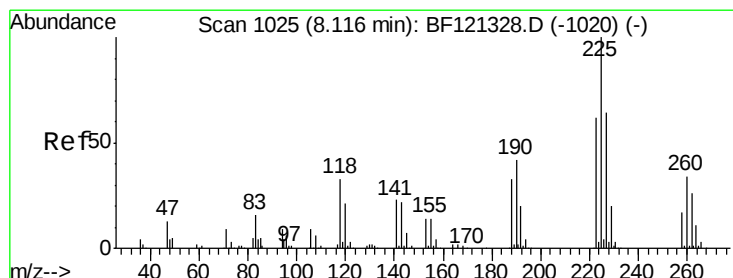
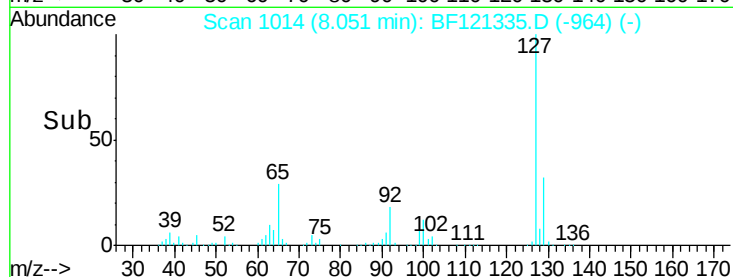
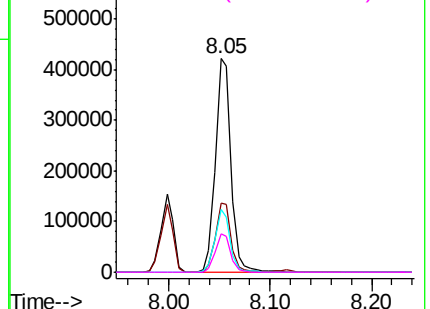
#33
4-Chloroaniline
Concen: 36.549 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	453416
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	29.5	20.9	31.3
92	18.2	13.8	20.8

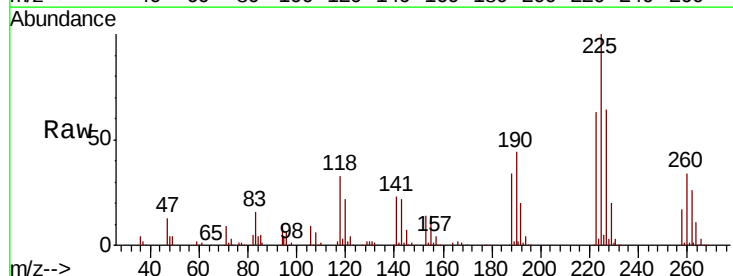


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

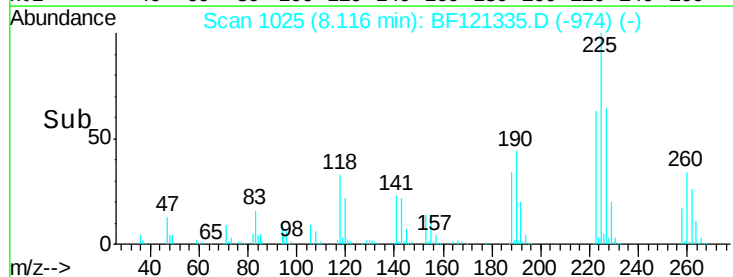
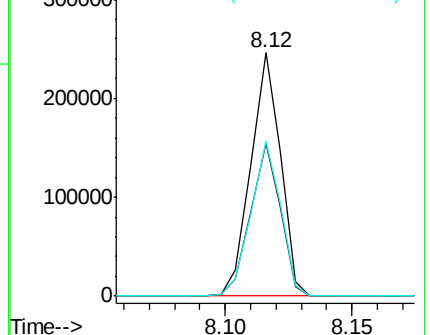


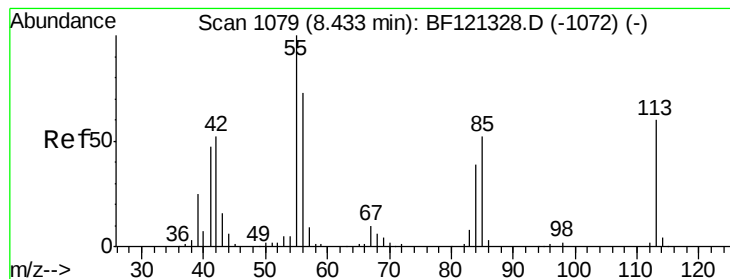
#34
Hexachlorobutadiene
Concen: 36.651 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

Tgt Ion:	225	Resp:	201038
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	63.9	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.306 ng

RT: 8.43 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

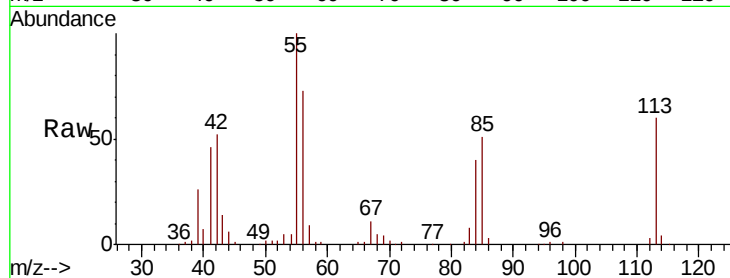
Tot Ion:113 Resp: 101685

Ion Ratio Lower Upper

113 100

55 167.3 147.9 187.9

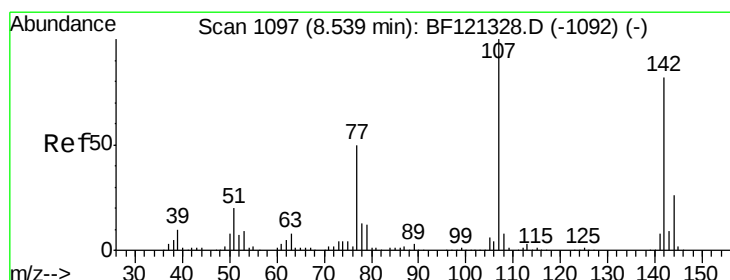
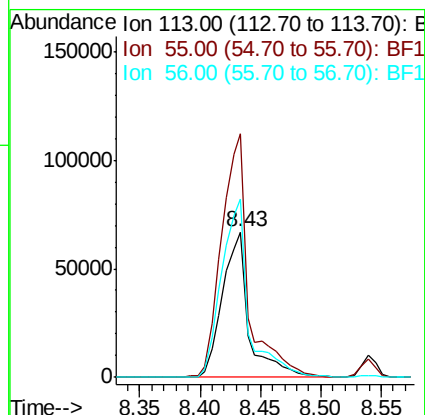
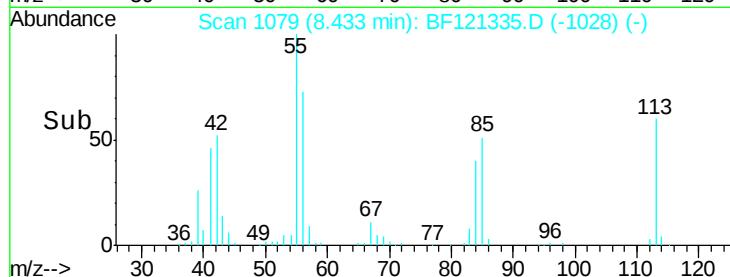
56 122.9 102.4 142.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.902 ng

RT: 8.54 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

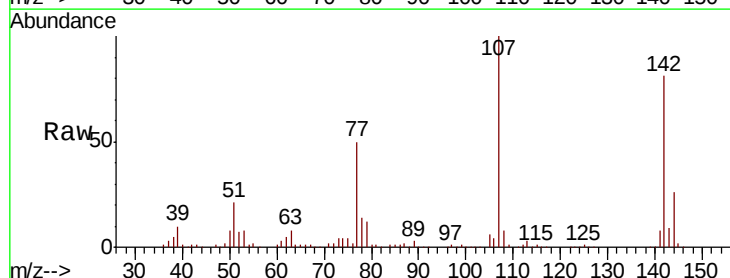
Tgt Ion:107 Resp: 302508

Ion Ratio Lower Upper

107 100

144 26.5 21.1 31.7

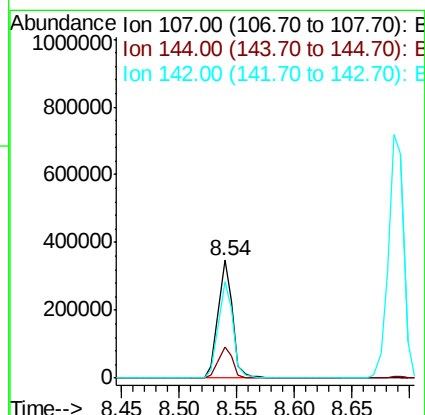
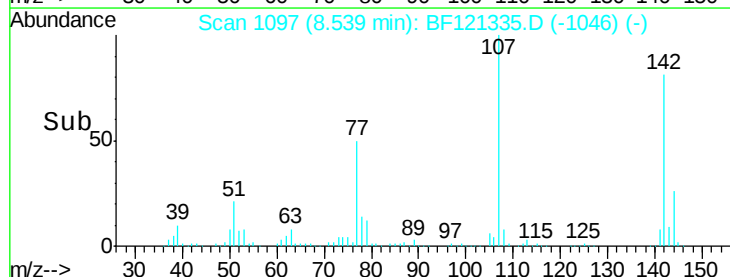
142 81.4 65.6 98.4

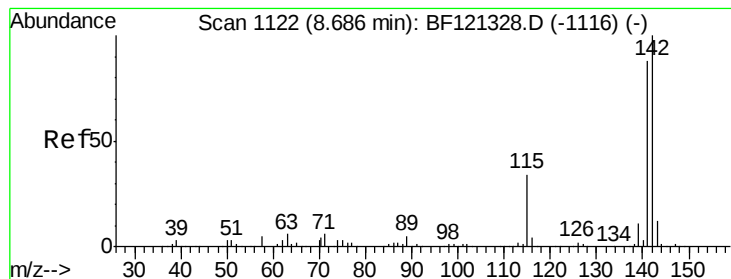


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.855 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

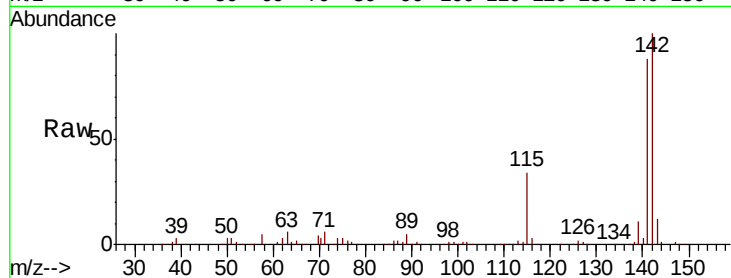
Tot Ion:142 Resp: 669248

Ion Ratio Lower Upper

142 100

141 88.5 70.3 105.5

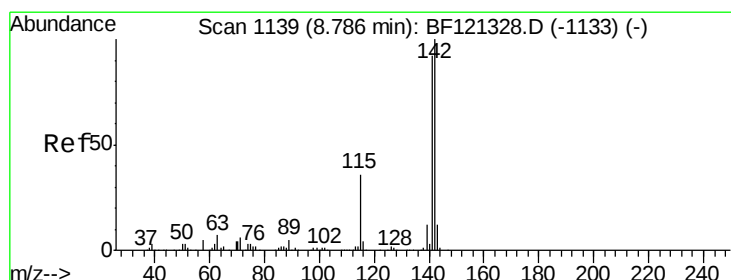
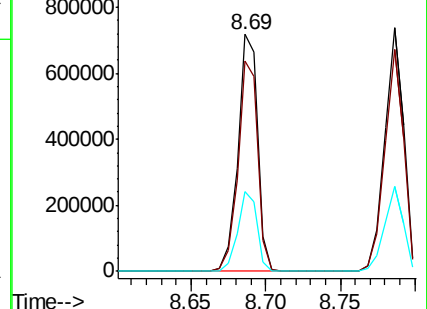
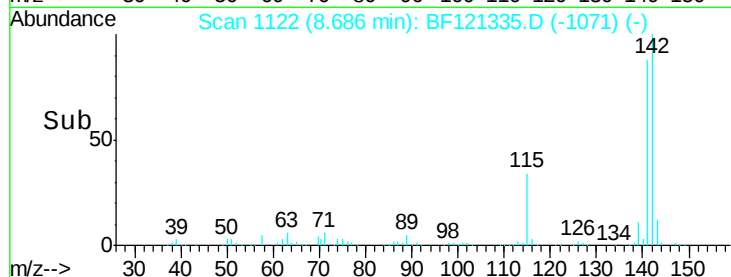
115 33.7 26.9 40.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 36.805 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

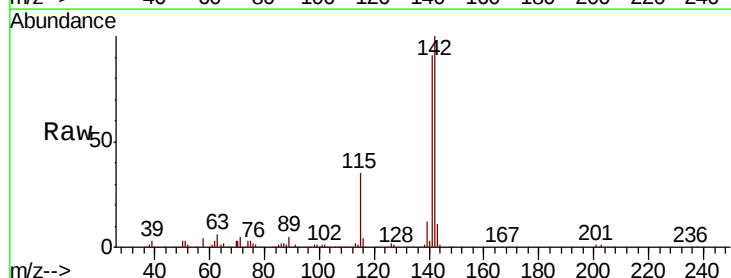
Tgt Ion:142 Resp: 635468

Ion Ratio Lower Upper

142 100

141 91.1 73.6 110.4

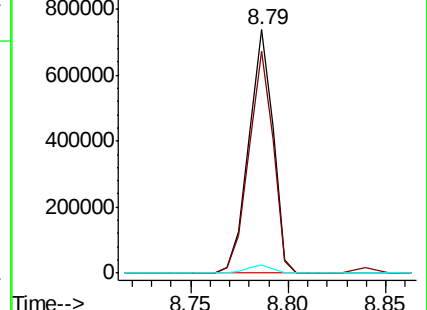
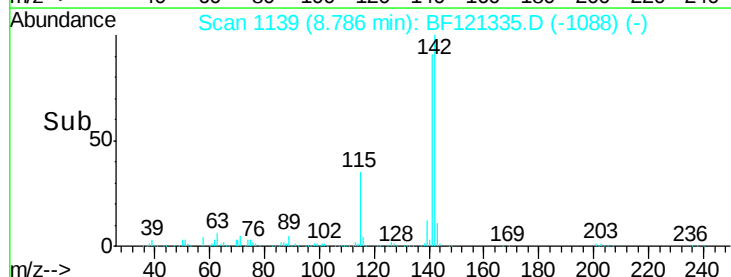
116 3.6 3.0 4.4

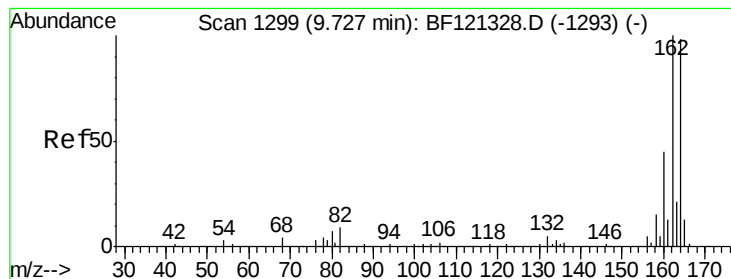


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

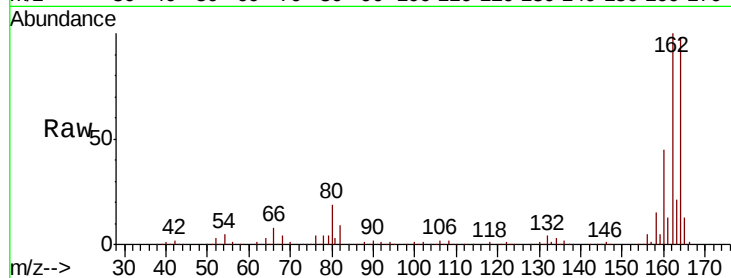
Tot Ion:164 Resp: 294923

Ion Ratio Lower Upper

164 100

162 101.5 81.7 122.5

160 46.2 37.0 55.4

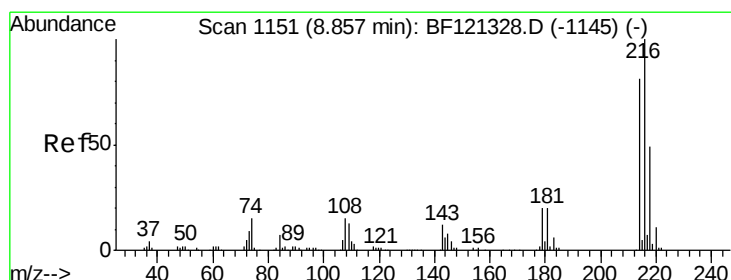
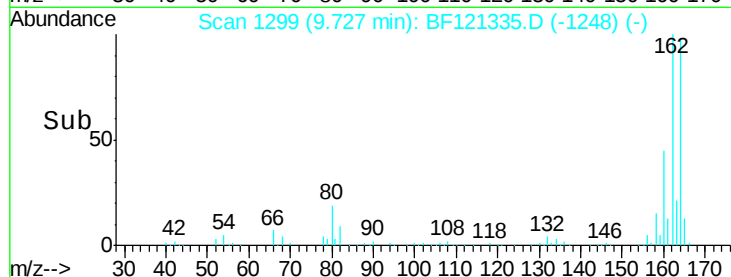
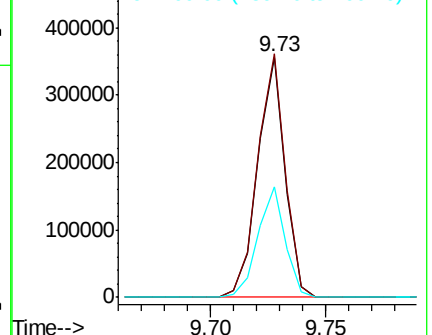


Abundance

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: 36.633 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Tgt Ion:216 Resp: 320663

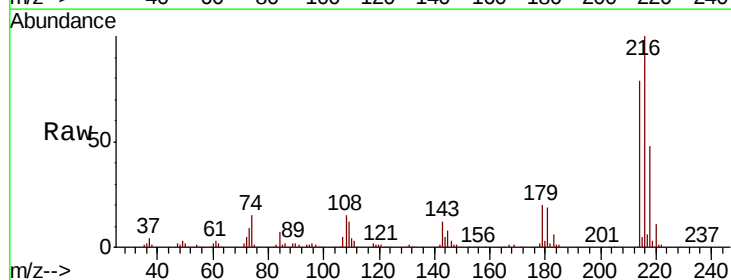
Ion Ratio Lower Upper

216 100

214 79.8 64.2 96.2

179 20.5 16.4 24.6

108 18.0 14.2 21.4



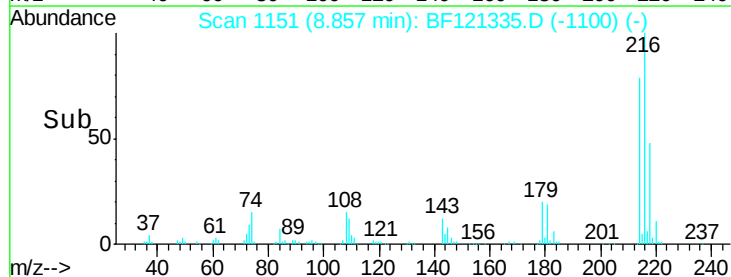
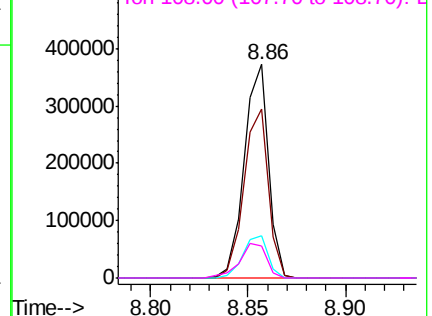
Abundance

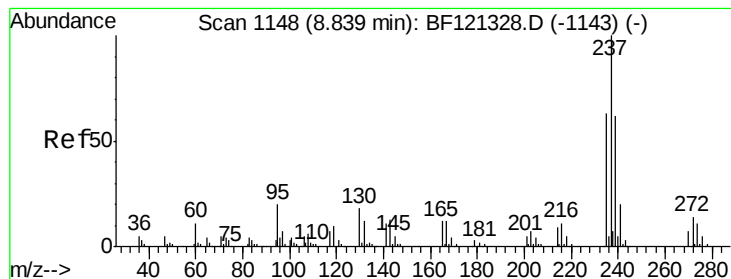
Ion 216.00 (215.70 to 216.70): E

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: 37.496 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

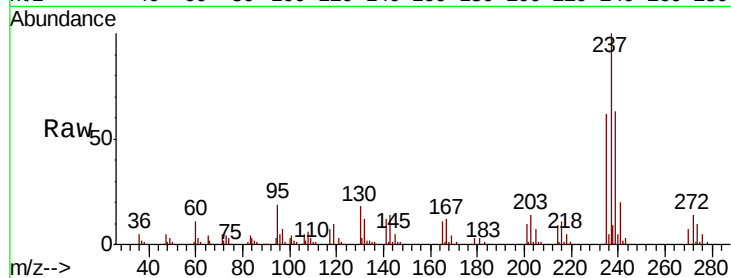
Tot Ion:237 Resp: 117655

Ion Ratio Lower Upper

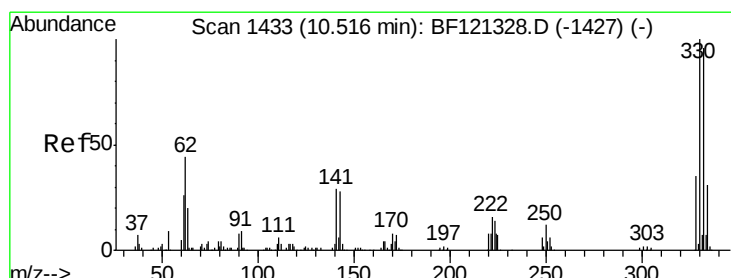
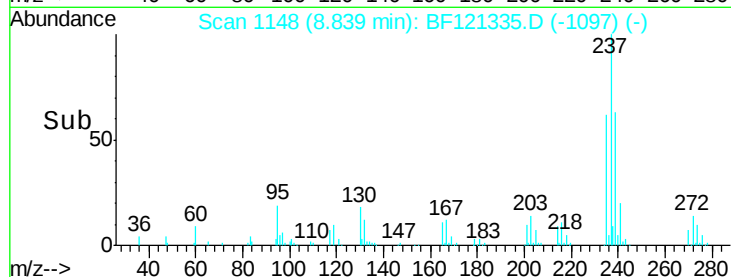
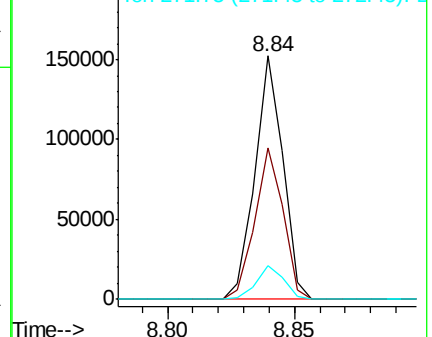
237 100

235 62.3 42.7 82.7

272 13.6 0.0 33.7



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: 76.040 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

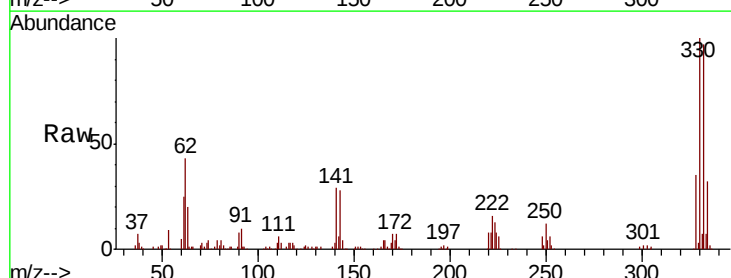
Tgt Ion:330 Resp: 261332

Ion Ratio Lower Upper

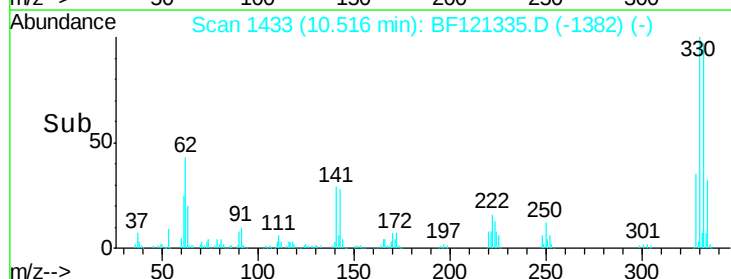
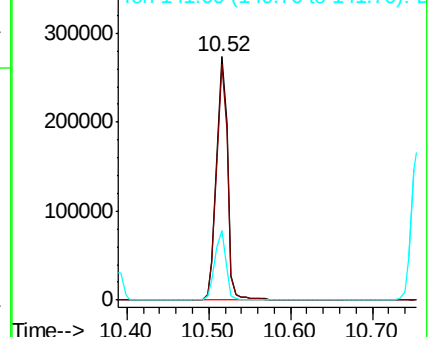
330 100

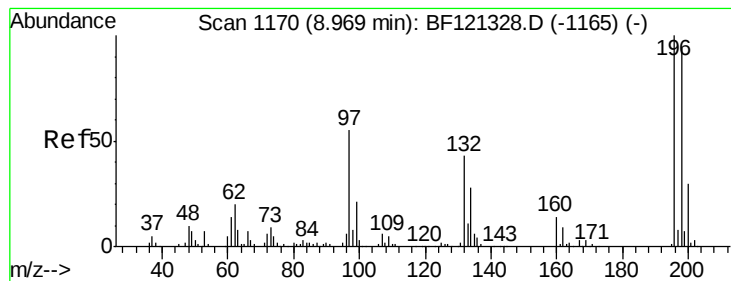
332 96.1 76.9 115.3

141 28.4 22.8 34.2



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

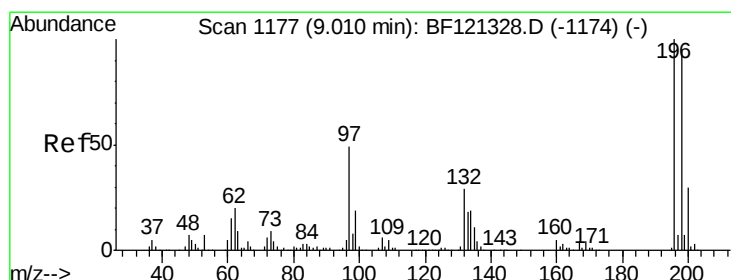
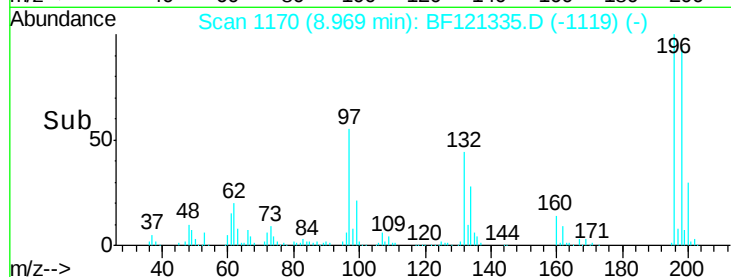
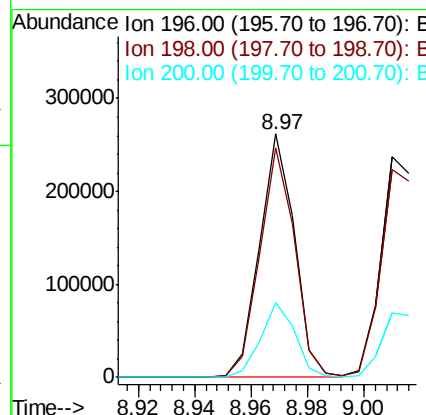
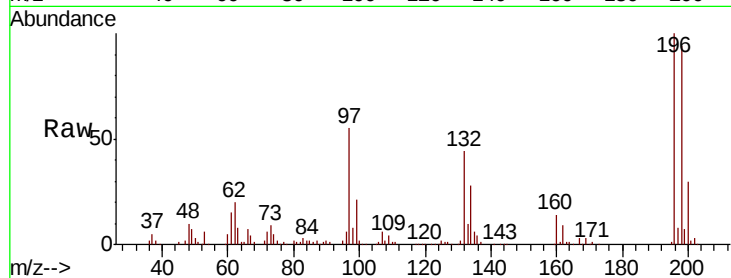




#43
 2,4,6-Trichlorophenol
 Concen: 37.520 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

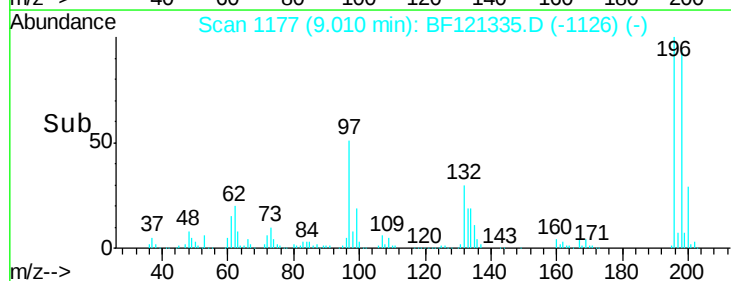
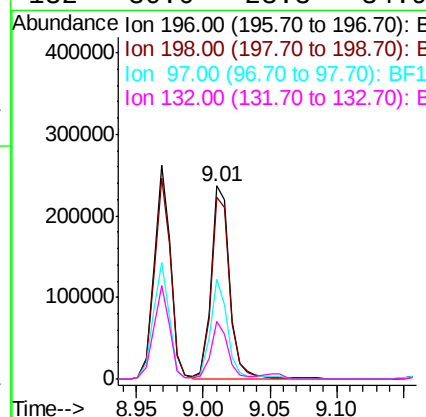
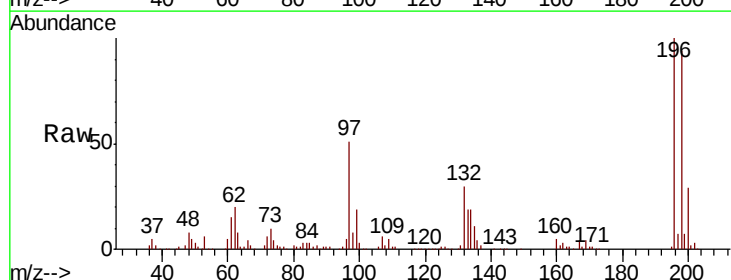
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

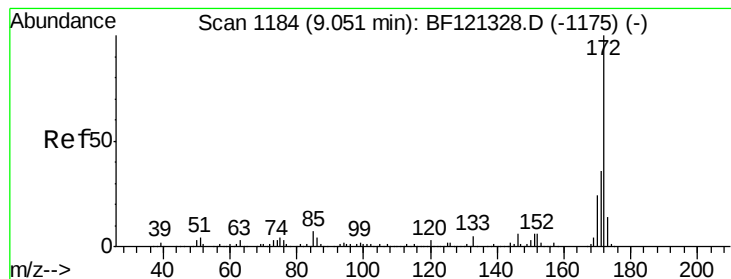
Tot Ion:196	Resp:	224529
Ion Ratio	Lower	Upper
196	100	
198	94.1	75.6 113.4
200	30.5	24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 37.307 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

Tgt Ion:196	Resp:	229686
Ion Ratio	Lower	Upper
196	100	
198	94.5	75.6 113.4
97	51.5	39.6 59.4
132	30.0	23.3 34.9





#45

2-Fluorobiphenyl

Concen: 87.267 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

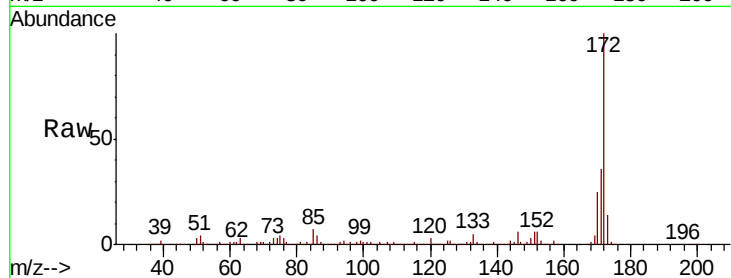
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:172 Resp: 1335387

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.6	19.4	29.2

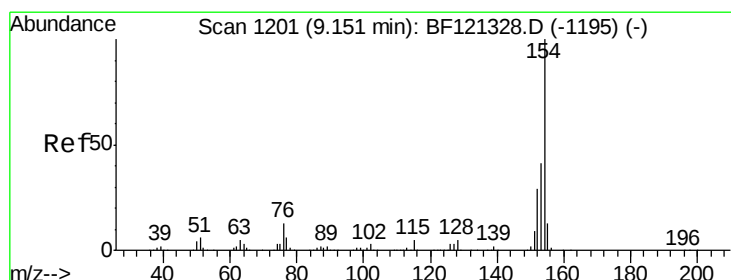
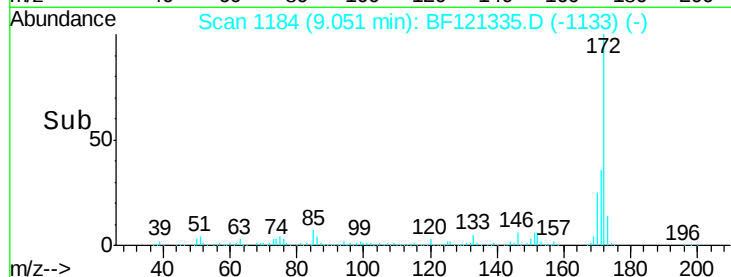
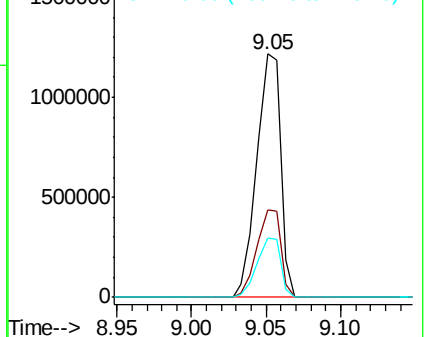


Abundance

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: 36.615 ng

RT: 9.15 min Scan# 1201

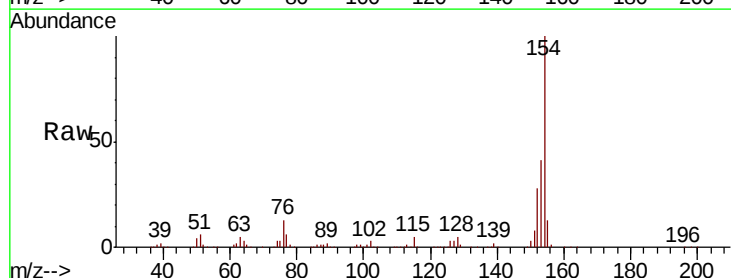
Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Tgt Ion:154 Resp: 809359

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	12.8	0.0	33.1

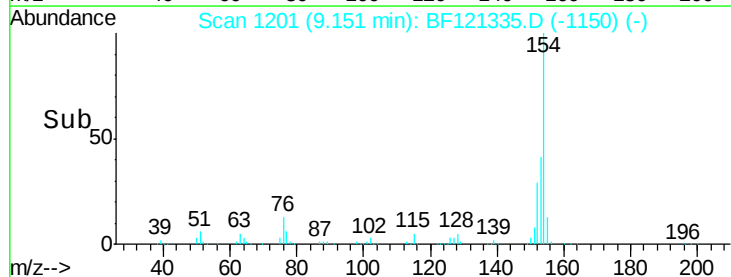
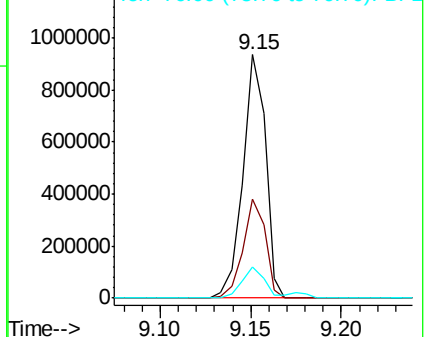


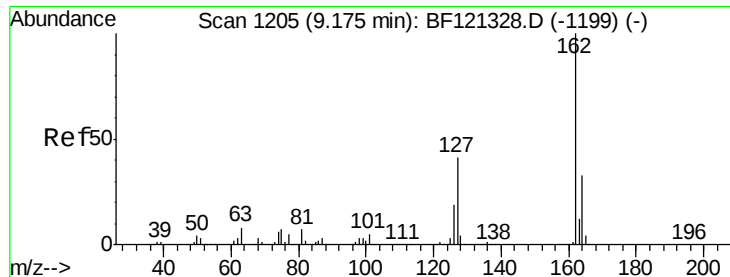
Abundance

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

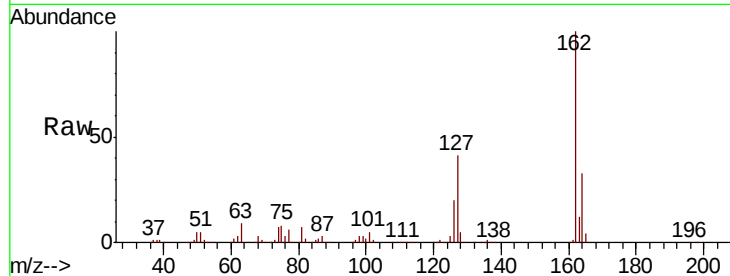




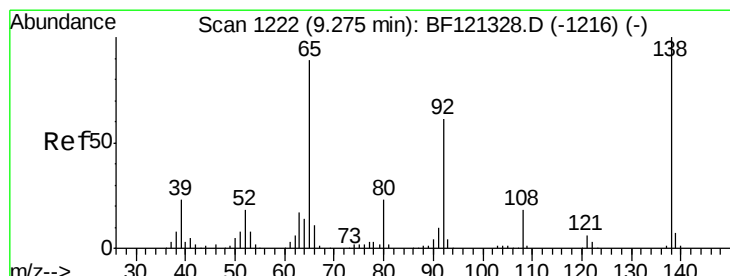
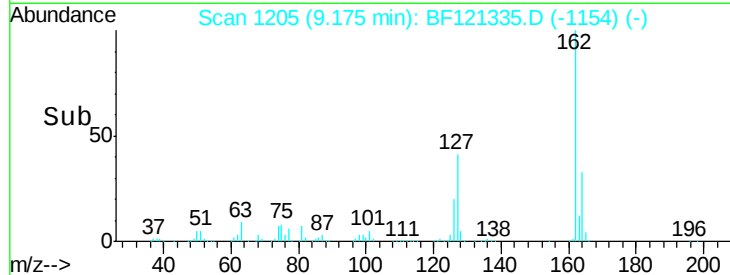
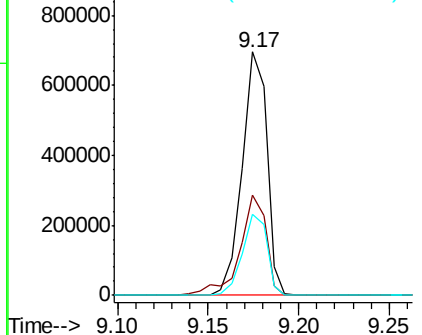
#47
2-Chloronaphthalene
Concen: 36.225 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.1	49.7
164	33.4	26.5	39.7

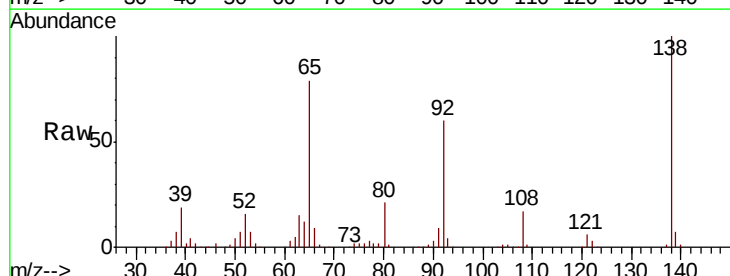


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

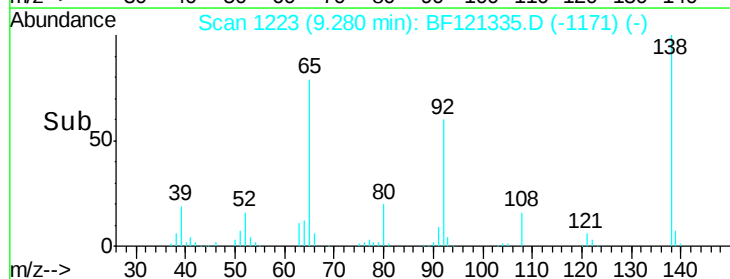
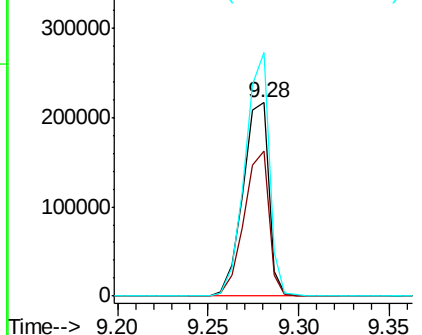


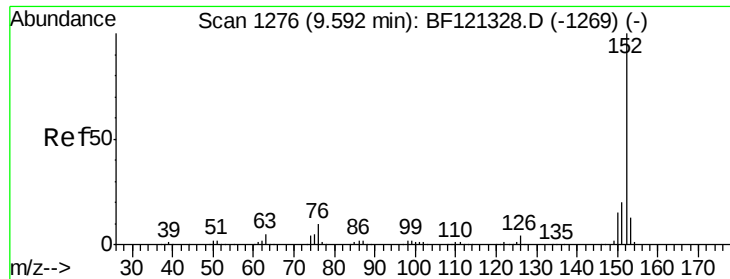
#48
2-Nitroaniline
Concen: 37.426 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	54.9	82.3
138	125.8	89.5	134.3



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: 36.938 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

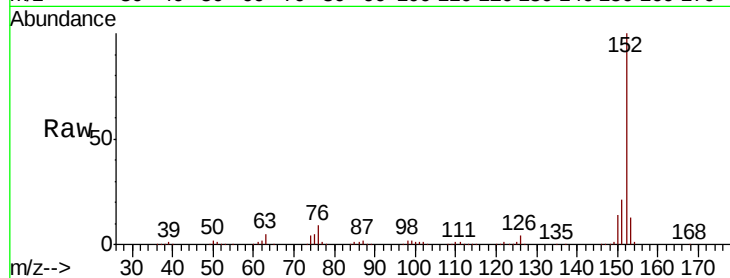
Tot Ion:152 Resp: 999146

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

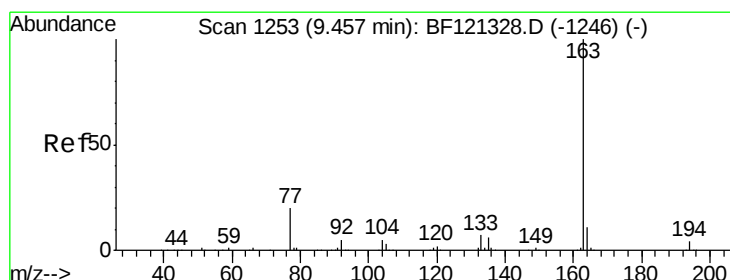
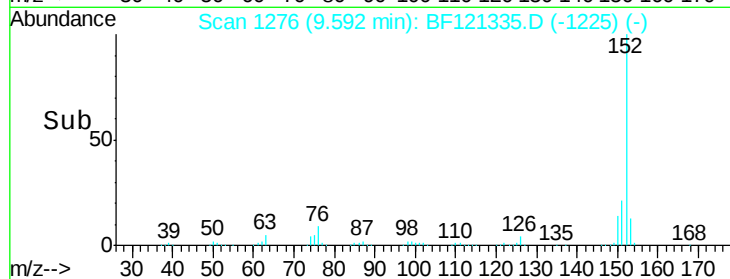
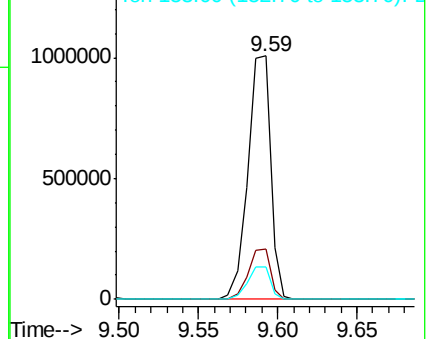
153 13.1 10.6 16.0



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: 36.708 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

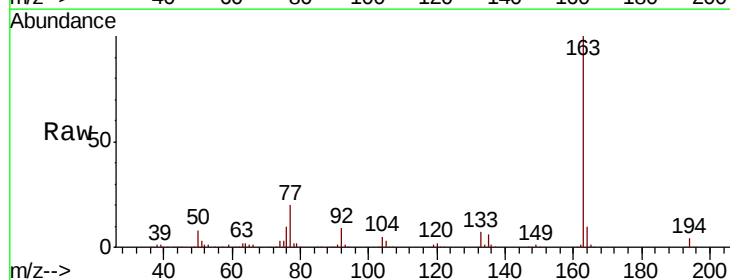
Tgt Ion:163 Resp: 787615

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

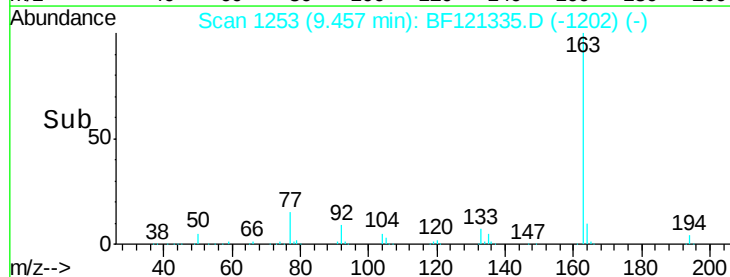
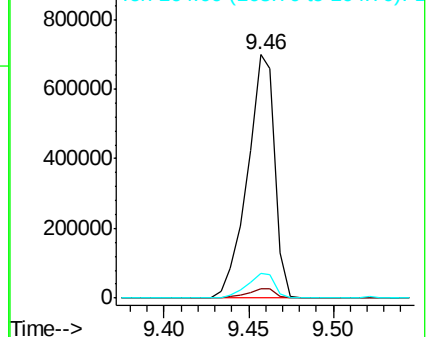
164 10.4 8.4 12.6

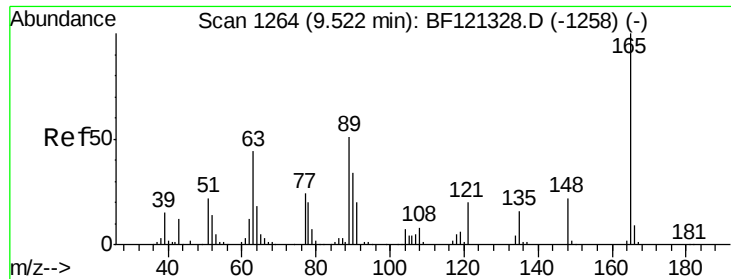


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

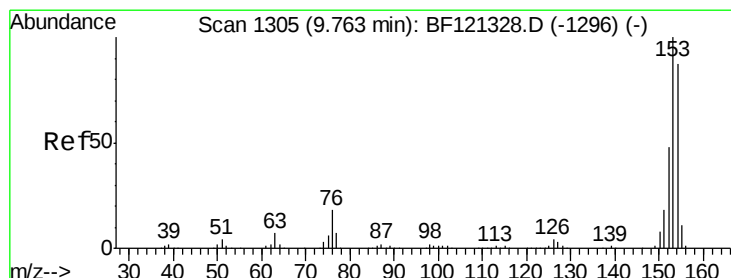
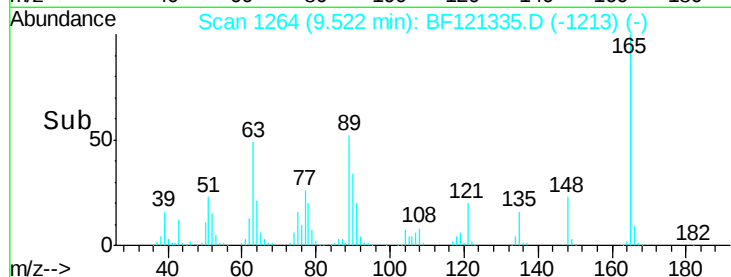
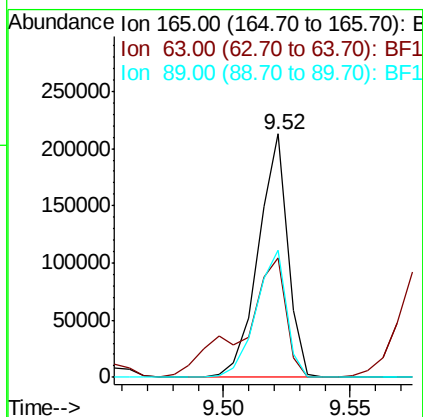
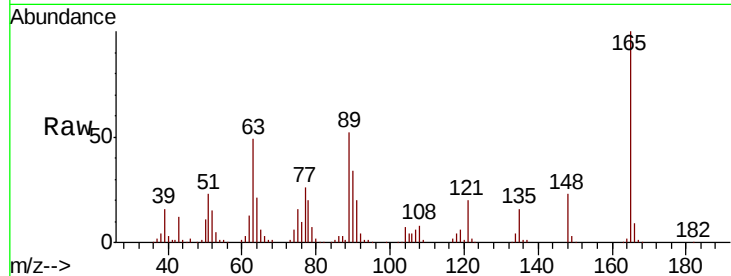




#51
 2,6-Dinitrotoluene
 Concen: 37.711 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

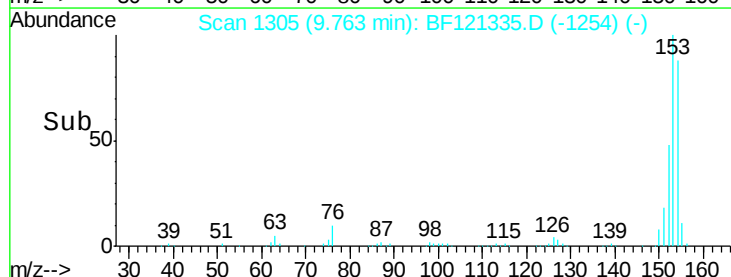
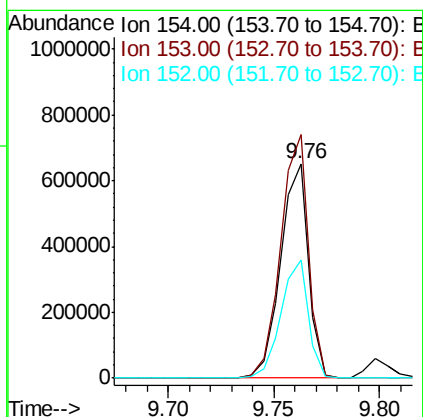
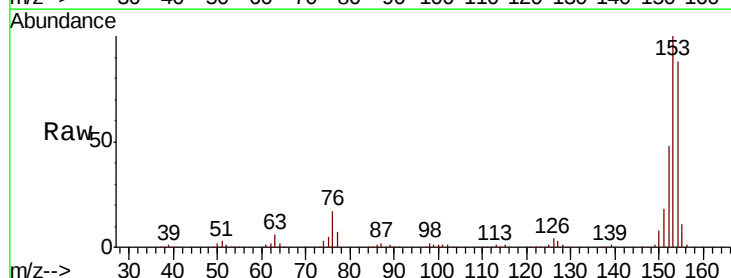
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

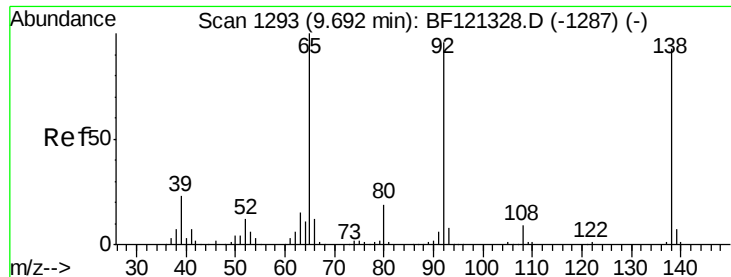
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.0	38.5	57.7
89	52.3	41.2	61.8



#52
 Acenaphthene
 Concen: 36.418 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	92.0	138.0
152	54.9	44.6	66.8

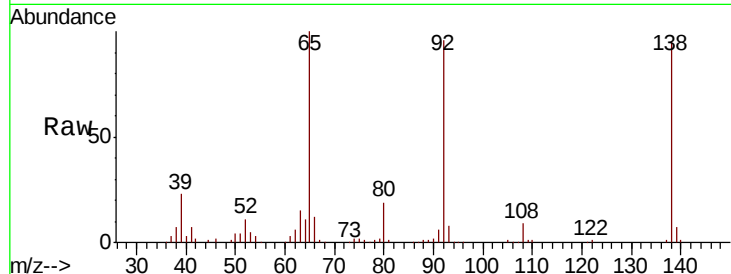




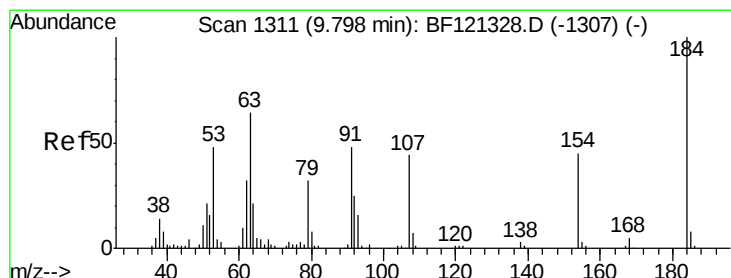
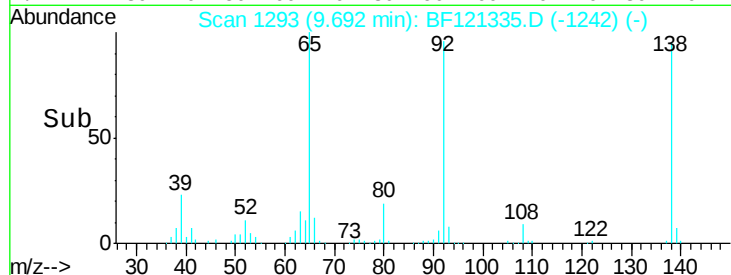
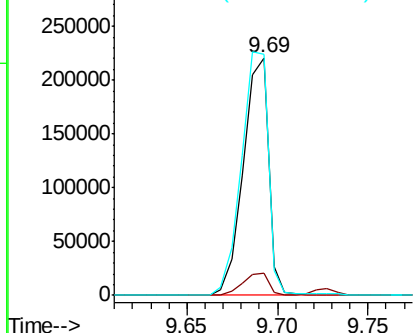
#53
 3-Nitroaniline
 Concen: 37.526 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:138 Resp: 215110
 Ion Ratio Lower Upper
 138 100
 108 9.4 7.5 11.3
 92 101.6 83.0 124.4

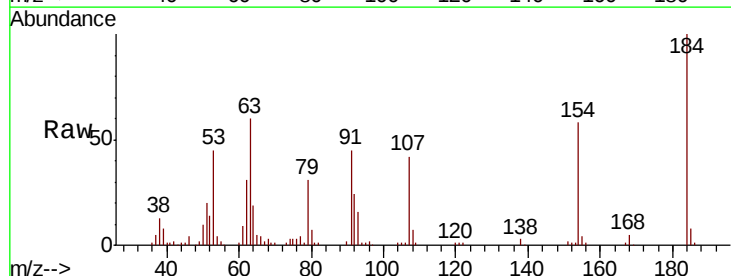


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

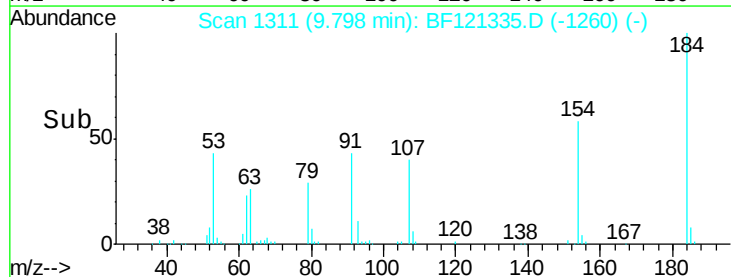
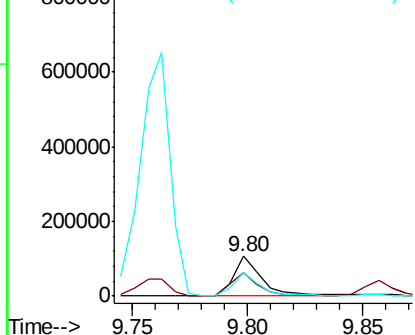


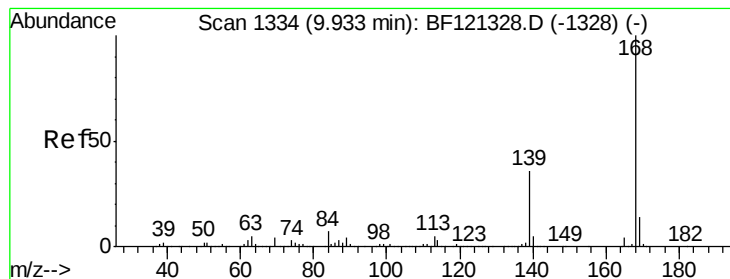
#54
 2,4-Dinitrophenol
 Concen: 40.986 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

Tgt Ion:184 Resp: 90544
 Ion Ratio Lower Upper
 184 100
 63 59.7 51.5 77.3
 154 57.8 48.0 72.0



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





#55

Dibenzofuran

Concen: 41.537 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

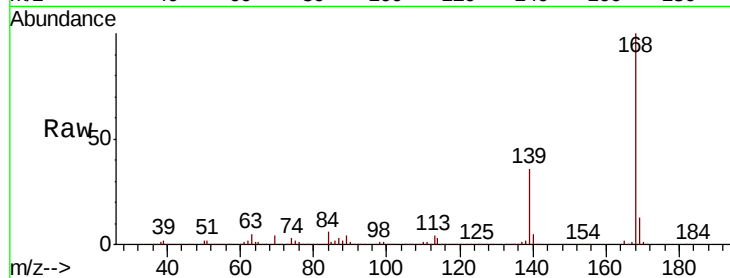
Tot Ion:168 Resp: 880073

Ion Ratio Lower Upper

168 100

139 35.9 29.1 43.7

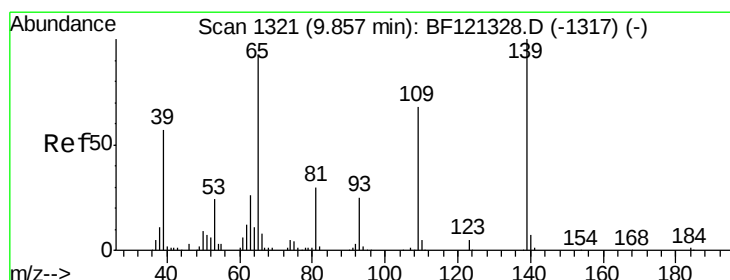
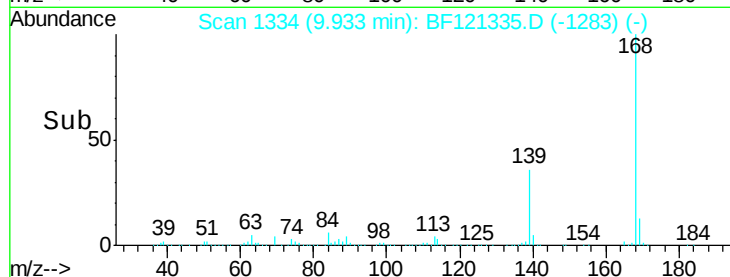
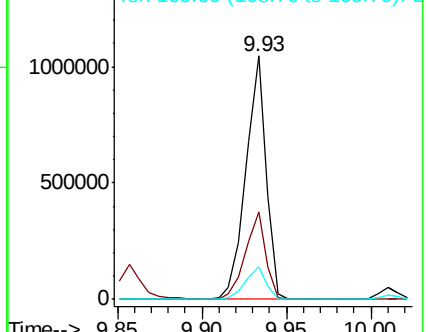
169 13.5 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.356 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

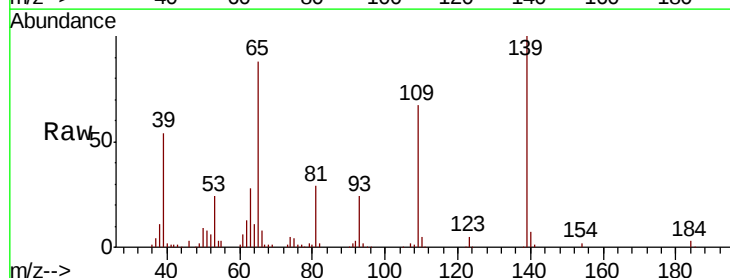
Tgt Ion:139 Resp: 139134

Ion Ratio Lower Upper

139 100

109 67.4 47.7 87.7

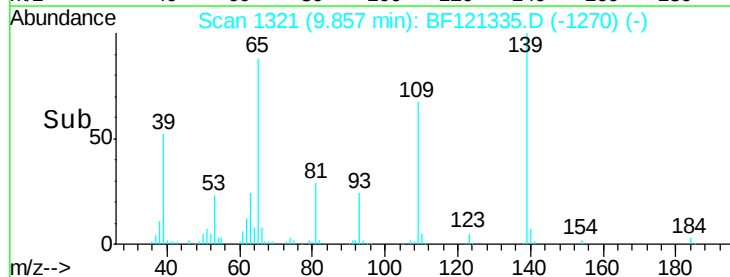
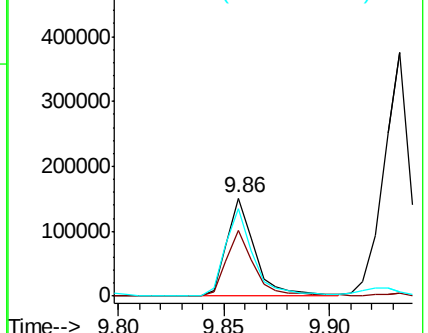
65 88.4 73.2 113.2

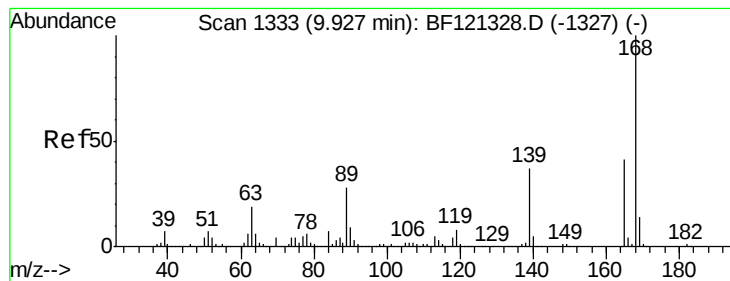


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 38.993 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 217981

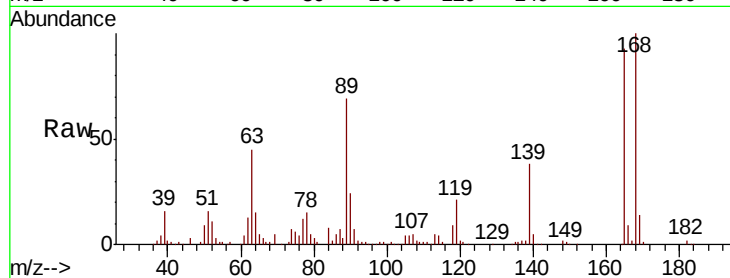
Ion Ratio Lower Upper

165 100

63 48.5 37.5 56.3

89 74.7 54.2 81.4

182 2.4 2.2 3.4

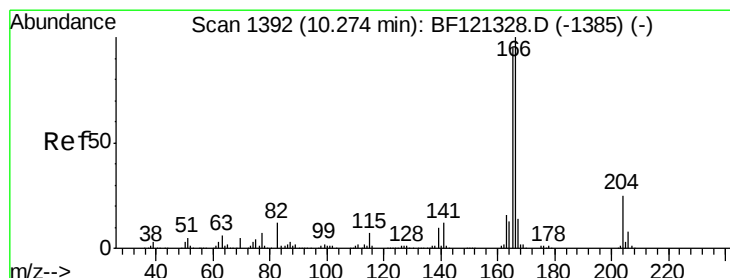
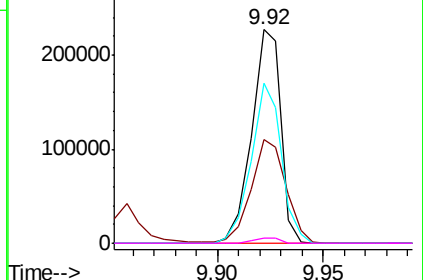
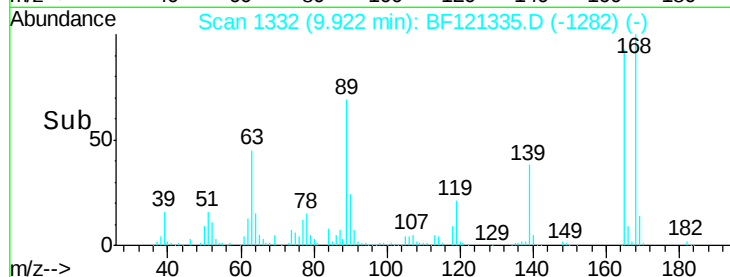


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.376 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

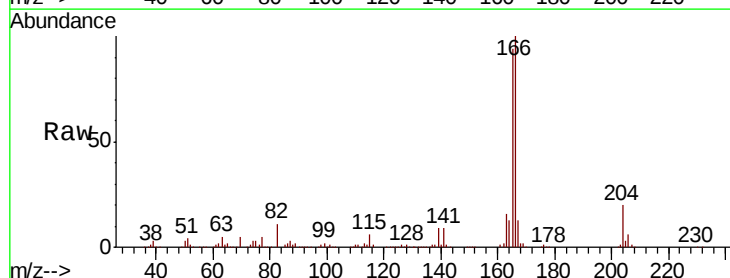
Tgt Ion:166 Resp: 659415

Ion Ratio Lower Upper

166 100

165 94.0 75.8 113.8

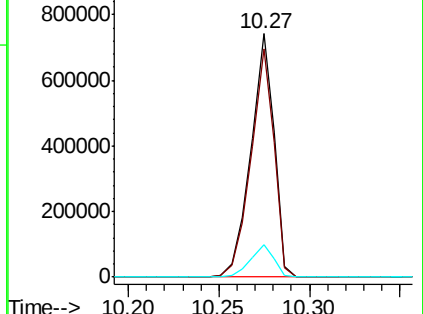
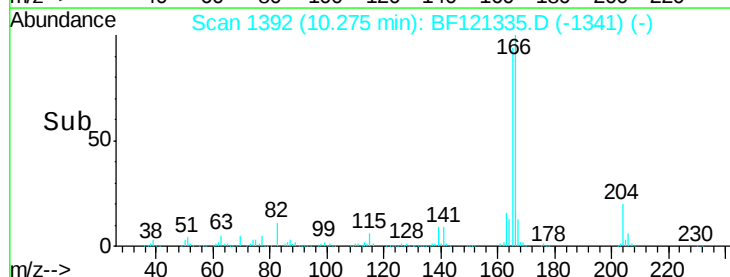
167 13.5 11.0 16.4

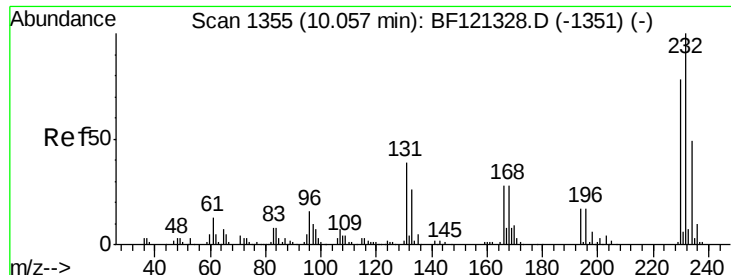


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

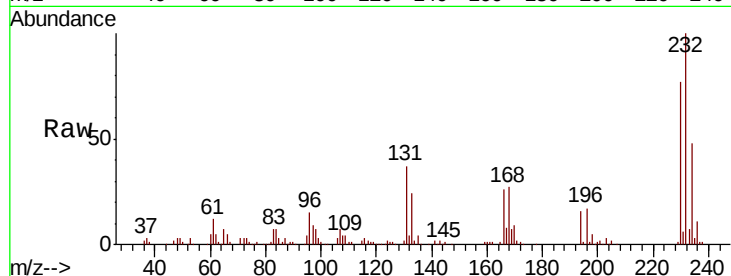




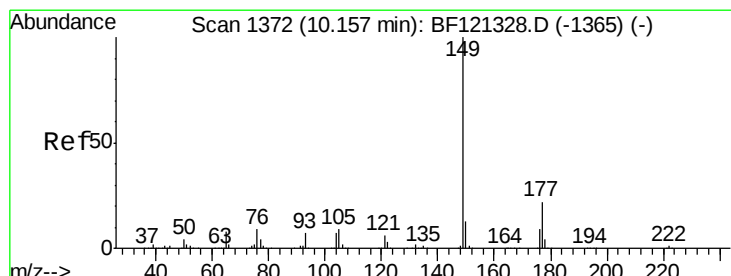
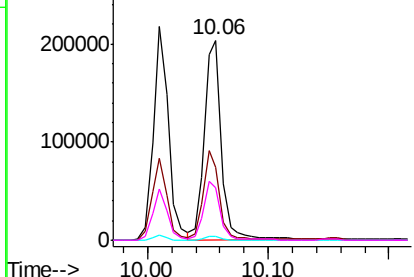
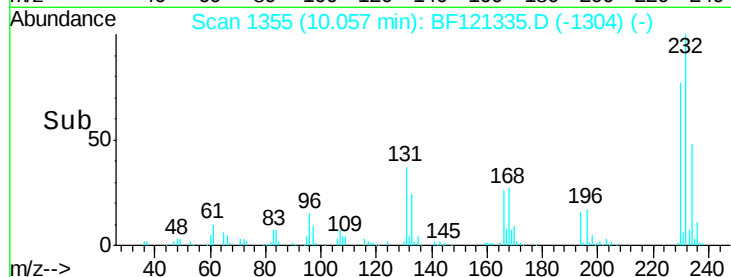
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.917 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232	Resp:	199557
Ion Ratio	Lower	Upper
232	100	
131	43.9	34.2 51.4
130	2.0	1.7 2.5
166	28.4	22.3 33.5

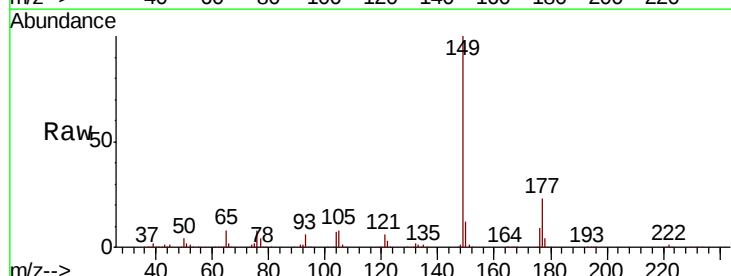


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

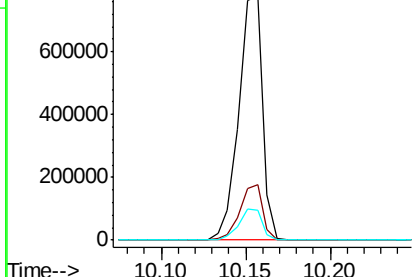
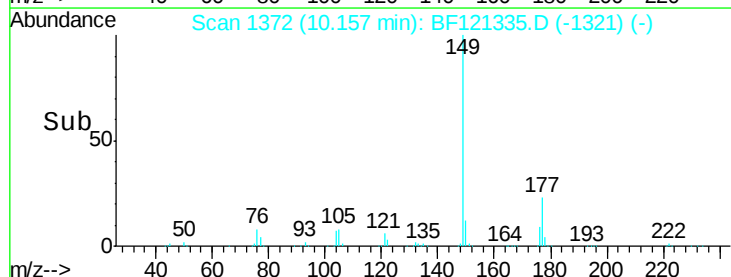


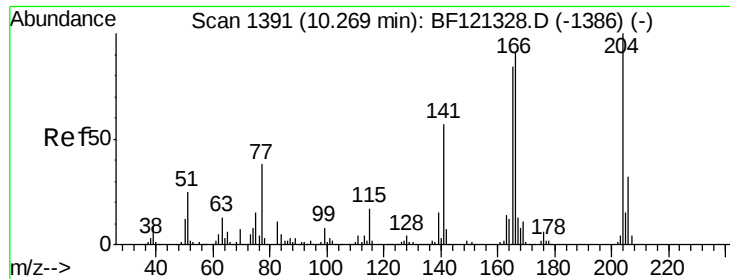
#60
 Diethylphthalate
 Concen: 36.539 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

Tgt Ion:149	Resp:	765562
Ion Ratio	Lower	Upper
149	100	
177	22.6	17.6 26.4
150	12.3	10.1 15.1



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

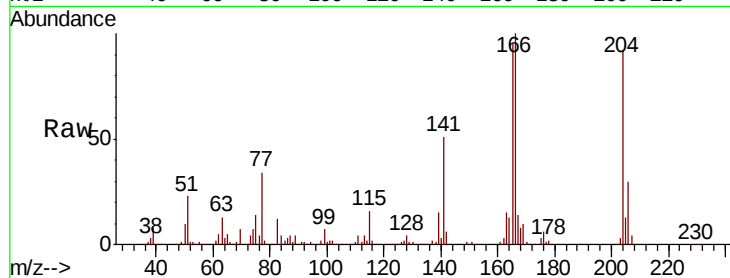




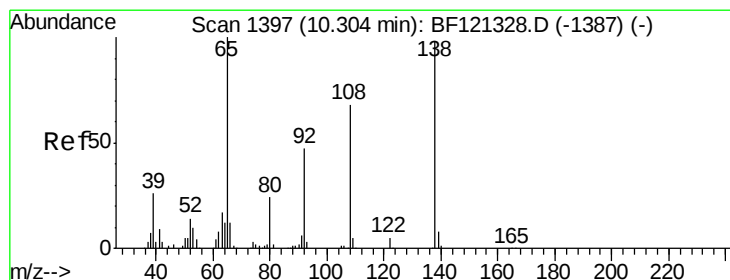
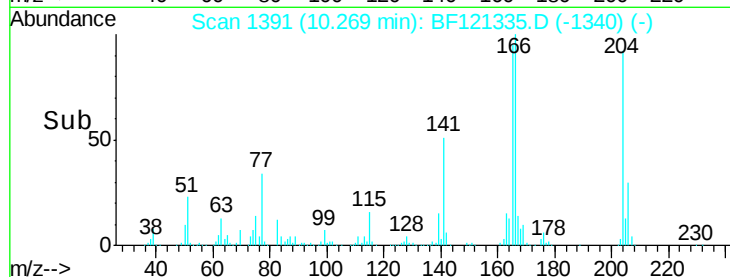
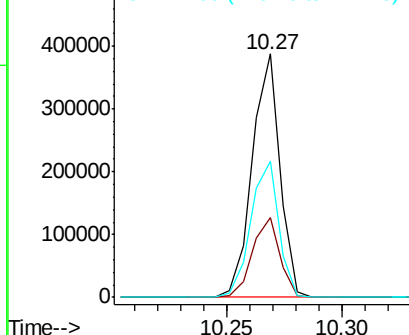
#61
4-Chlorophenyl-phenylether
Concen: 41.458 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 325935
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 55.7 45.5 68.3

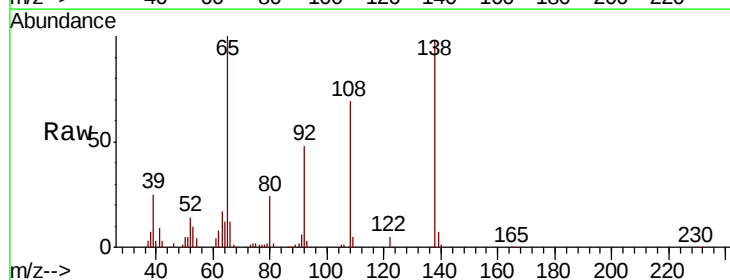


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

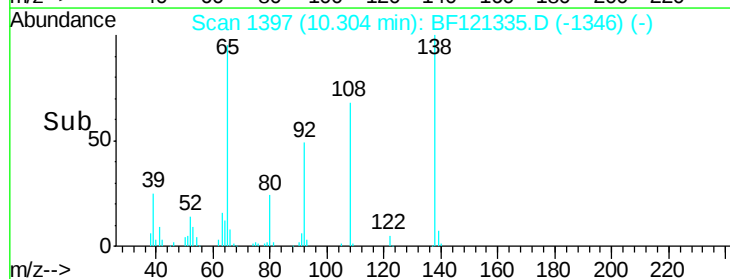
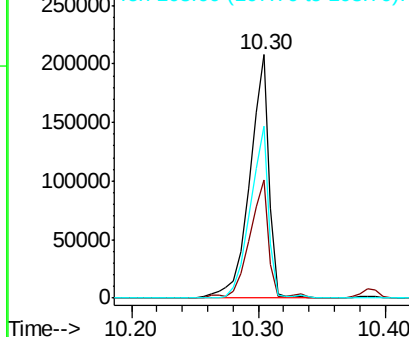


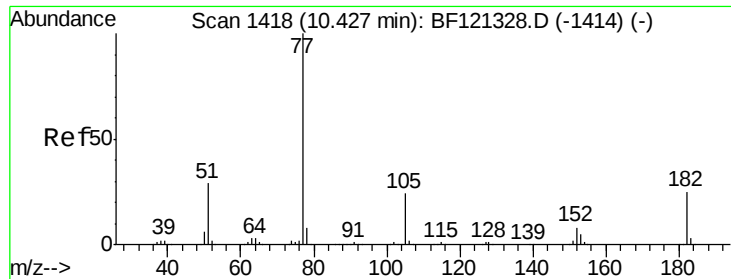
#62
4-Nitroaniline
Concen: 37.407 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

Tgt Ion:138 Resp: 219708
Ion Ratio Lower Upper
138 100
92 48.6 28.1 68.1
108 70.6 49.5 89.5



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: 36.587 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 712007

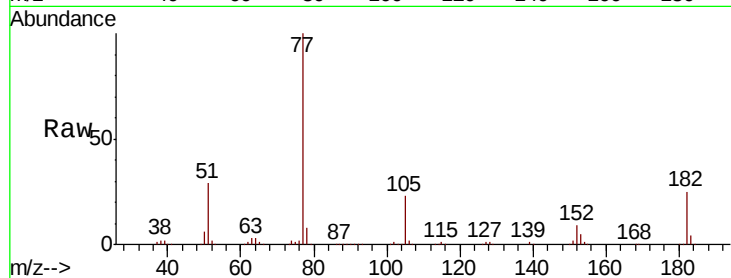
Ion Ratio Lower Upper

77 100

182 25.5 5.0 45.0

105 23.2 3.6 43.6

51 28.6 8.8 48.8

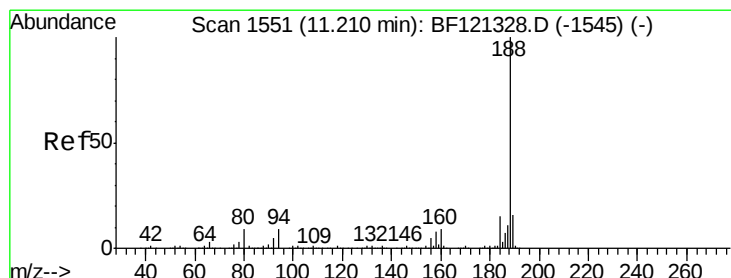
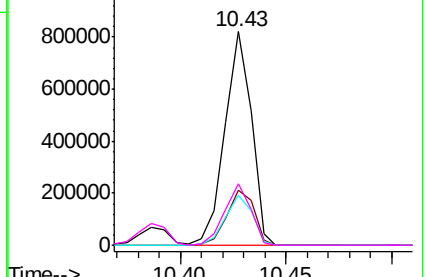
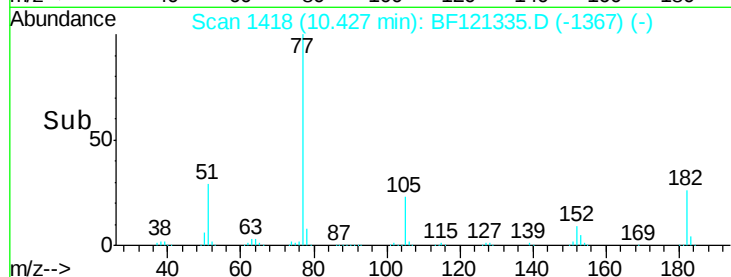


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

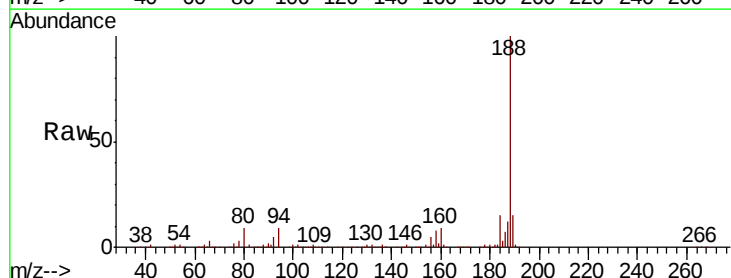
Tgt Ion: 188 Resp: 565718

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

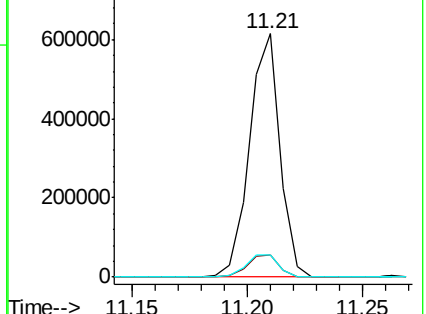
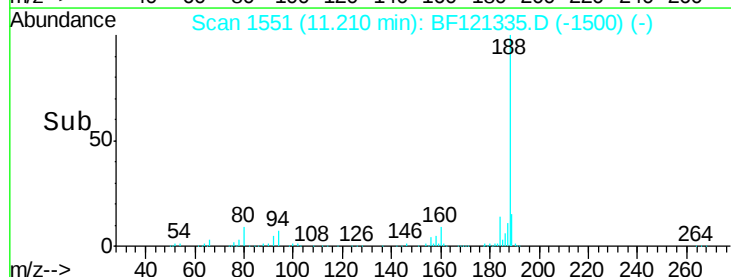
80 9.1 7.4 11.0

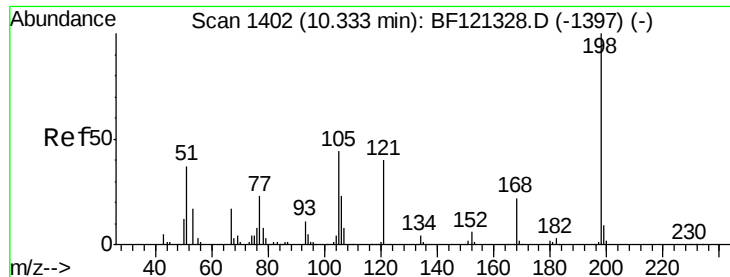


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

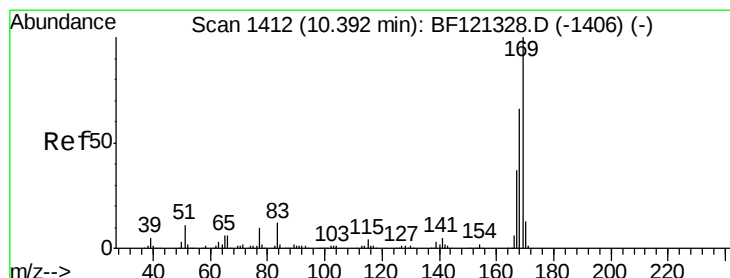
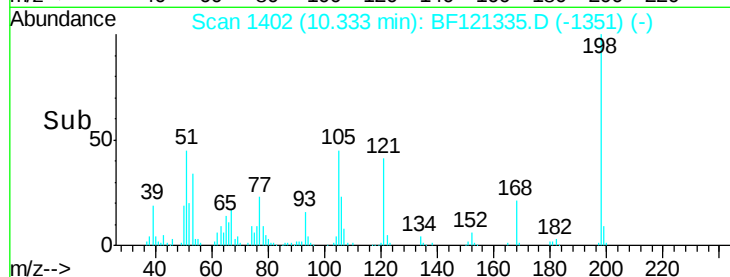
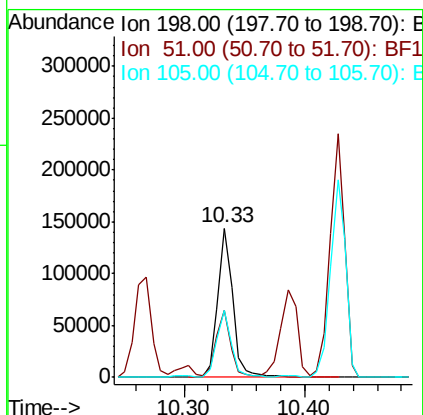
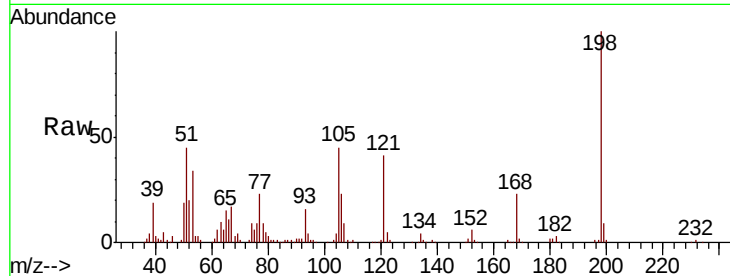




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.466 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

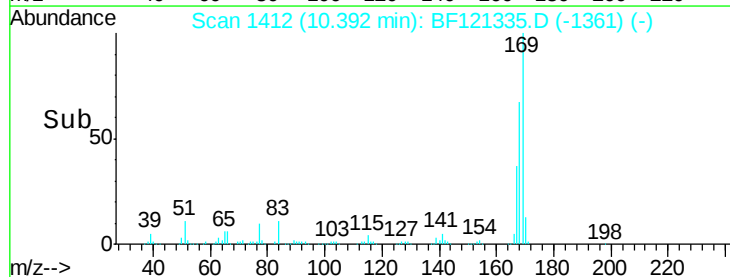
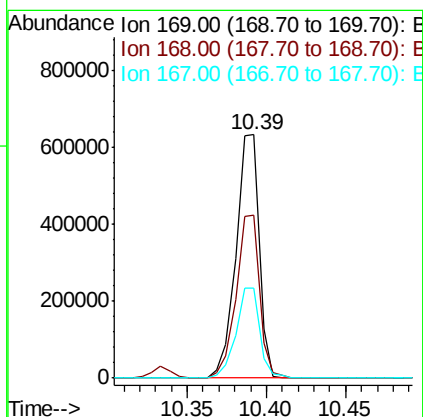
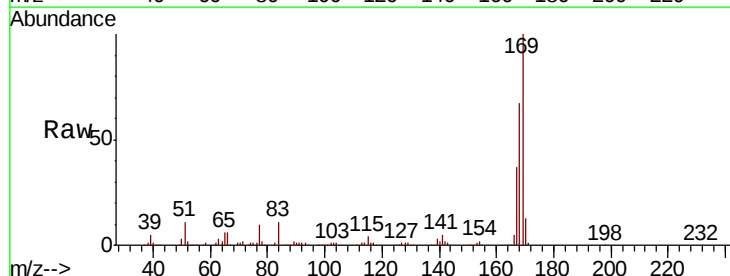
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

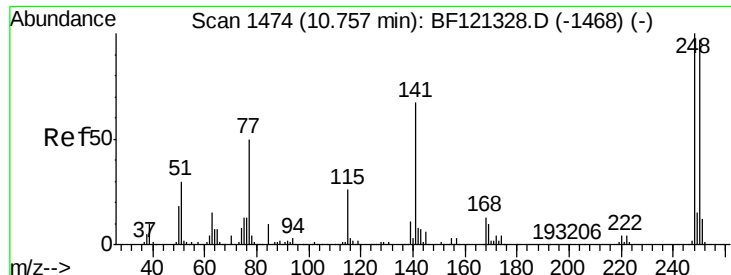
Tot Ion	Ratio	Lower	Upper
198	100		
51	44.9	25.5	65.5
105	44.6	24.9	64.9



#66
 n-Nitrosodiphenylamine
 Concen: 36.865 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.0	79.6
167	36.9	29.5	44.3

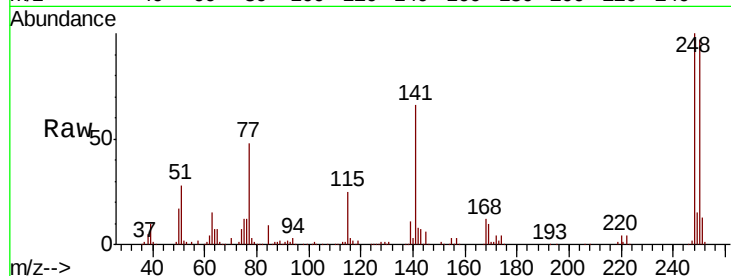




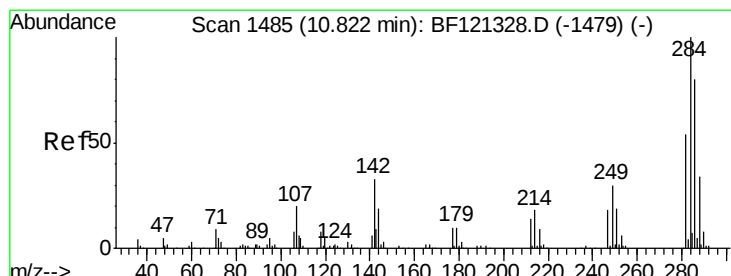
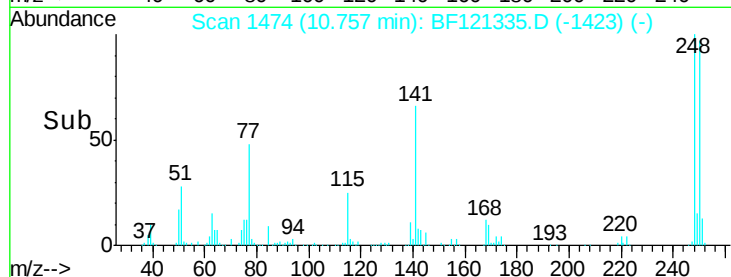
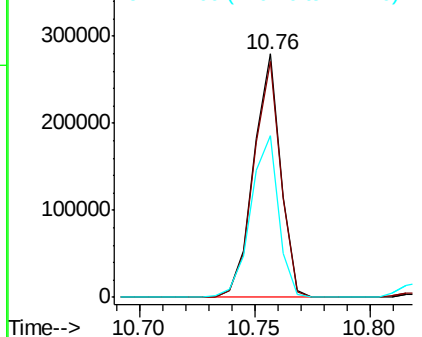
#67
4-Bromophenyl-phenylether
Concen: 36.543 ng
RT: 10.76 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.9	116.9
141	66.2	53.5	80.3

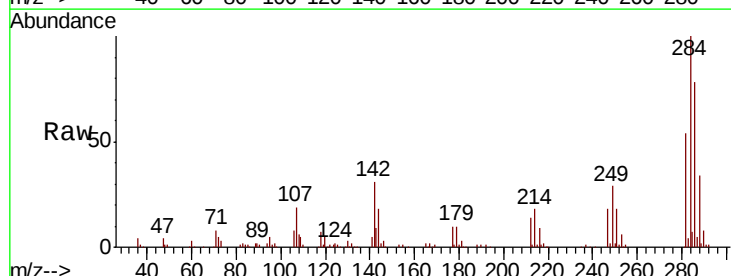


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

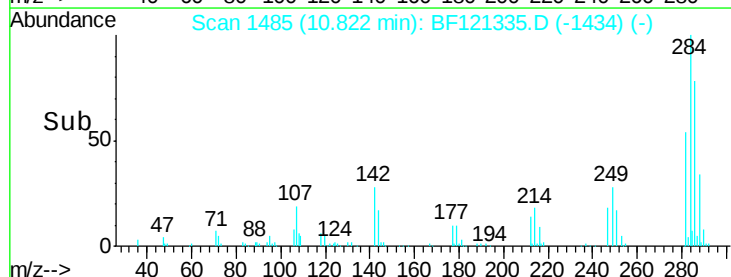
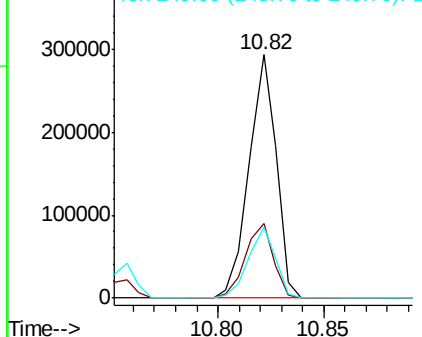


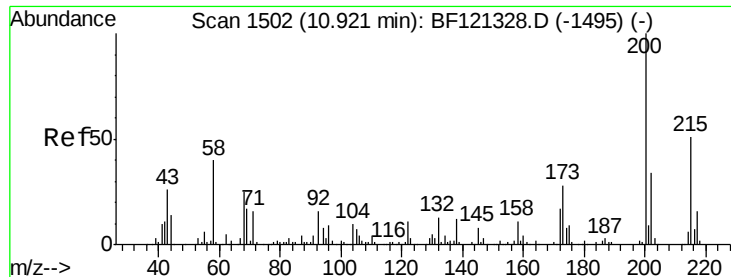
#68
Hexachlorobenzene
Concen: 36.459 ng
RT: 10.82 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	26.1	39.1
249	29.2	24.0	36.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

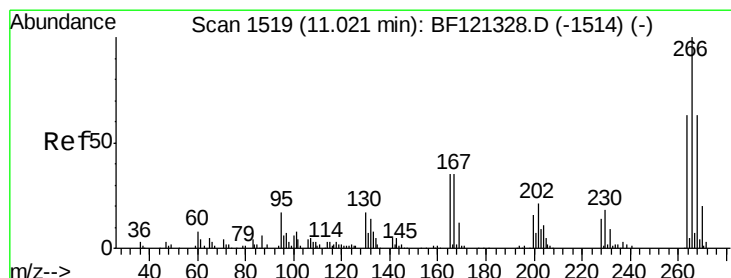
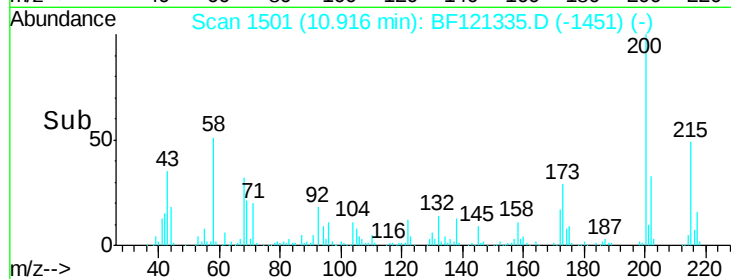
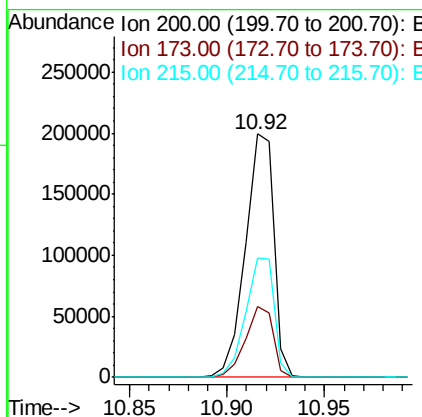
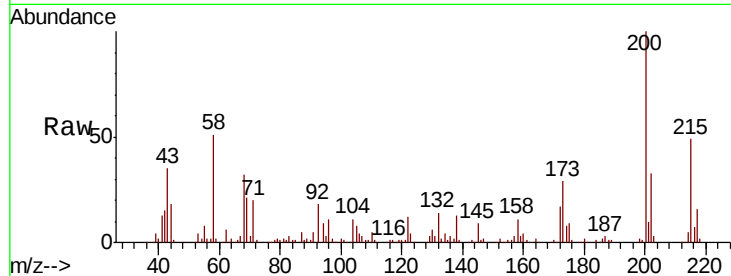




#69
 Atrazine
 Concen: 37.320 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

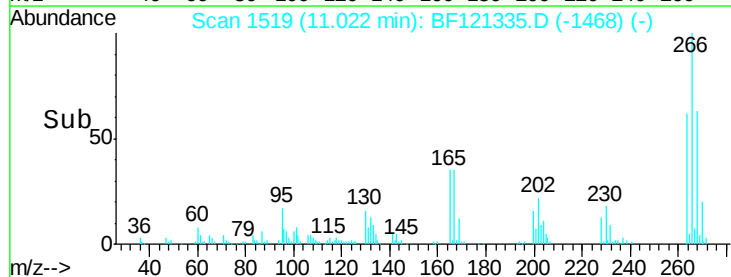
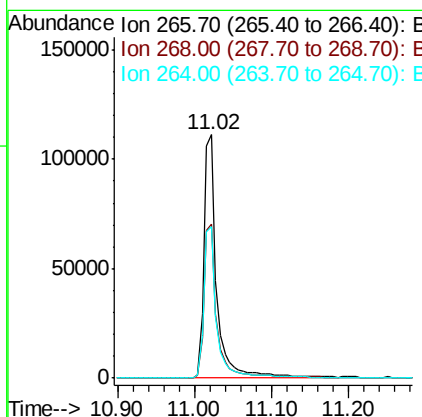
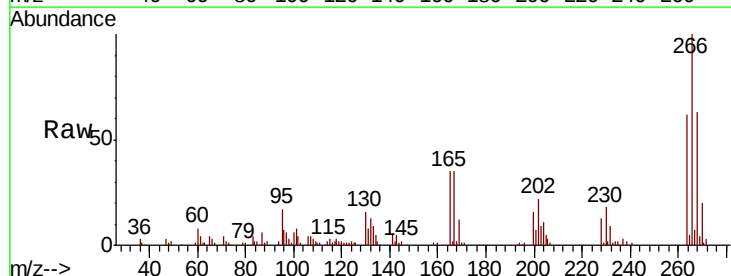
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

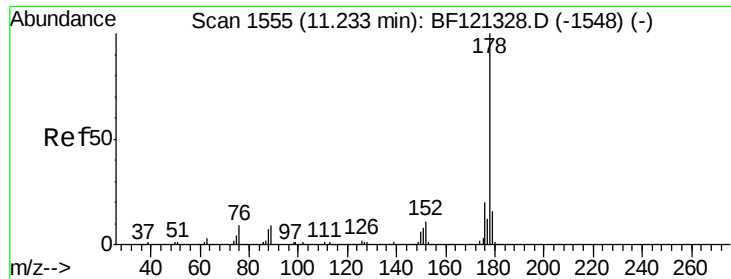
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.3	7.8	47.8
215	48.9	30.5	70.5



#70
 Pentachlorophenol
 Concen: 40.471 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	50.6	75.8
264	62.3	50.5	75.7

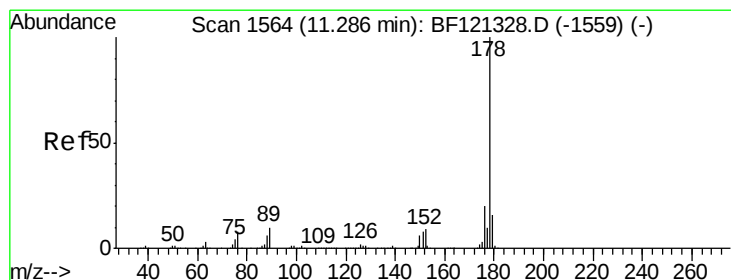
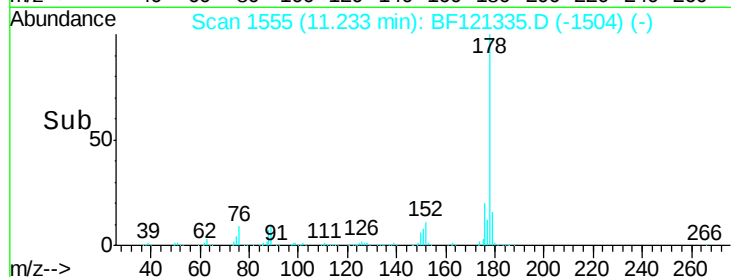
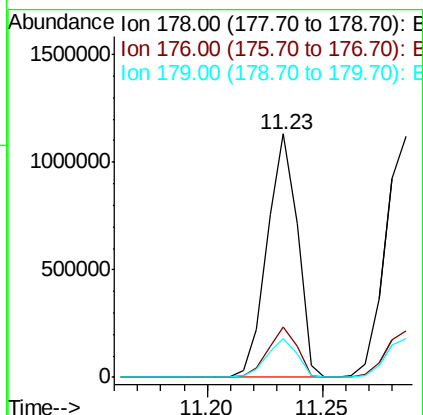
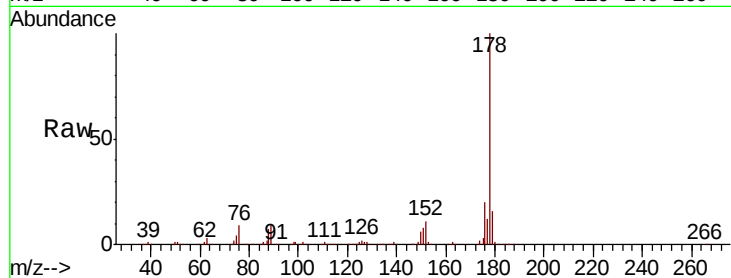




#71
Phenanthrene
Concen: 35.315 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

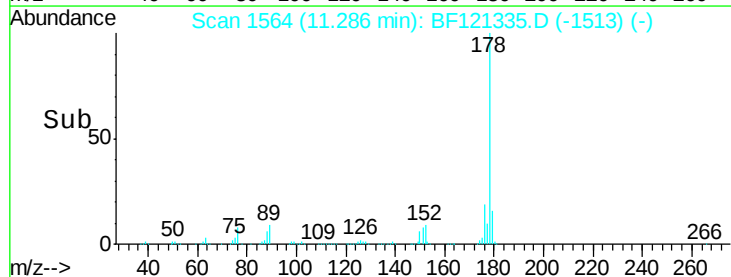
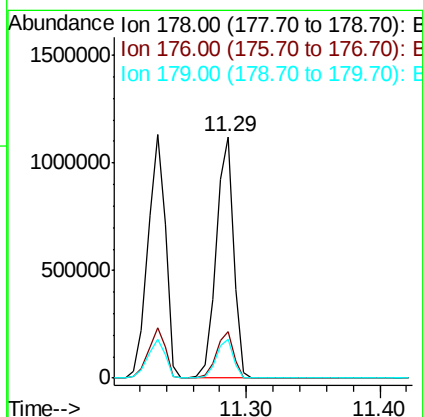
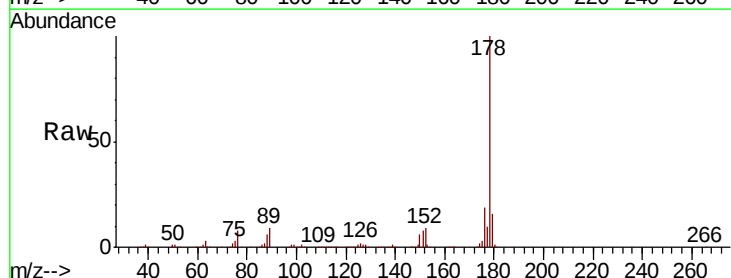
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

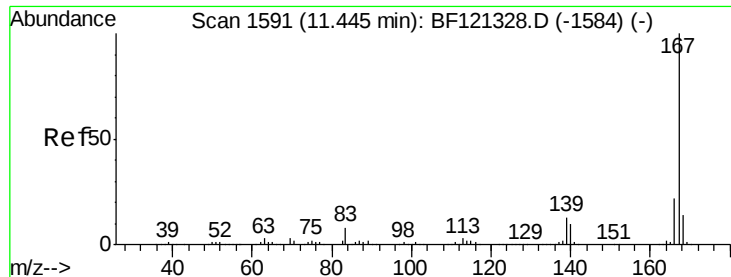
Tot Ion:178 Resp: 1033993
Ion Ratio Lower Upper
178 100
176 20.5 16.0 24.0
179 16.0 12.8 19.2



#72
Anthracene
Concen: 36.600 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

Tgt Ion:178 Resp: 1031946
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.9 12.8 19.2

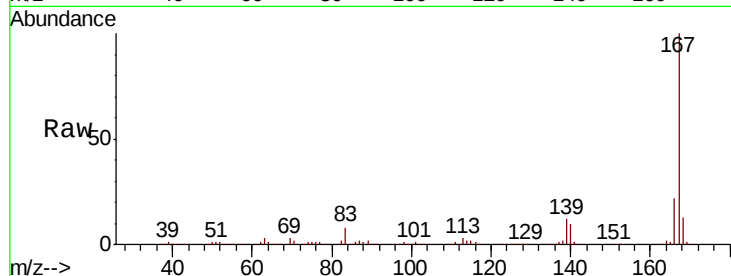




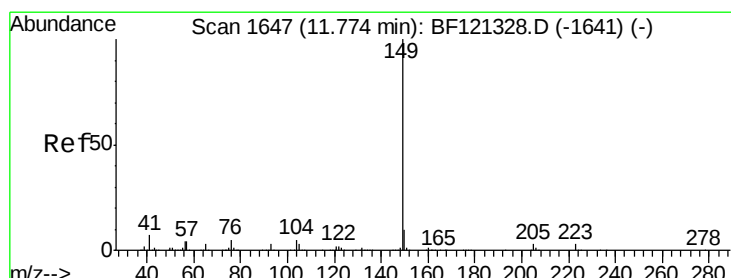
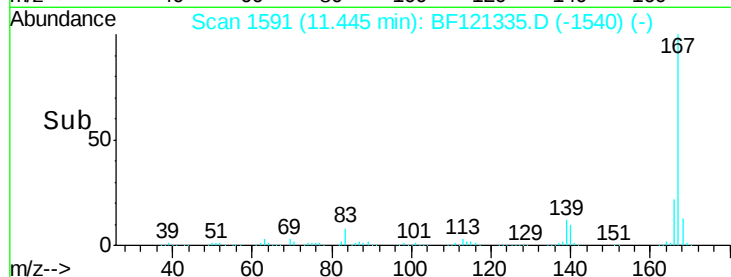
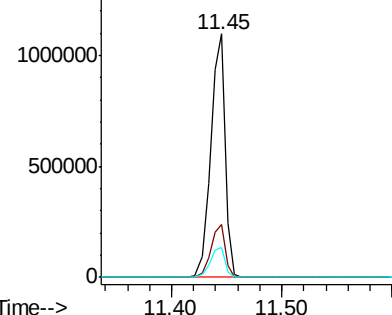
#73
 Carbazole
 Concen: 37.136 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 999259
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 12.4 10.2 15.2

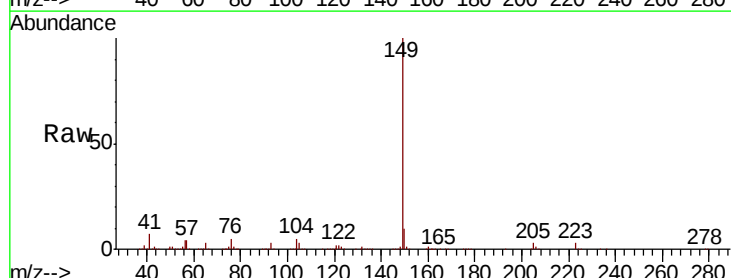


Abundance Ion 167.00 (166.70 to 167.70): E
 1500000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

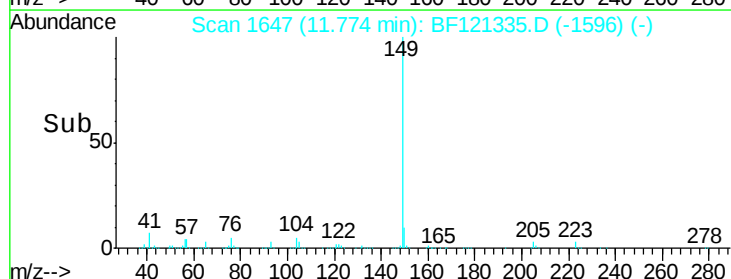
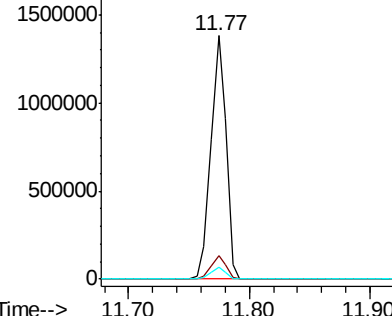


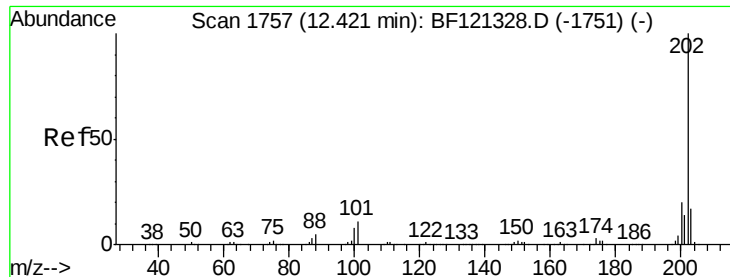
#74
 Di-n-butylphthalate
 Concen: 36.788 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

Tgt Ion:149 Resp: 1193668
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.7 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



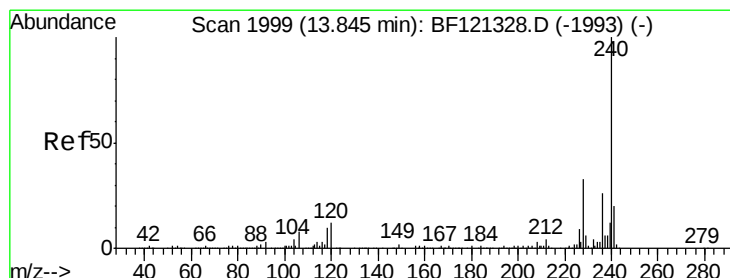
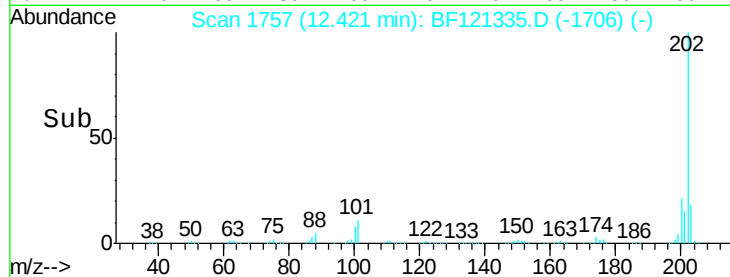
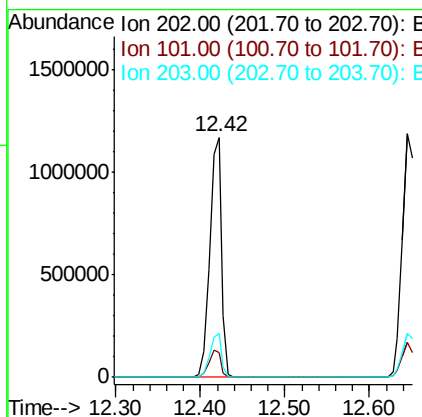
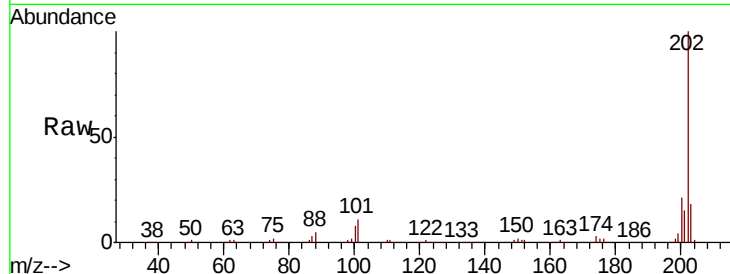


#75
 Fluoranthene
 Concen: 36.127 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1148097

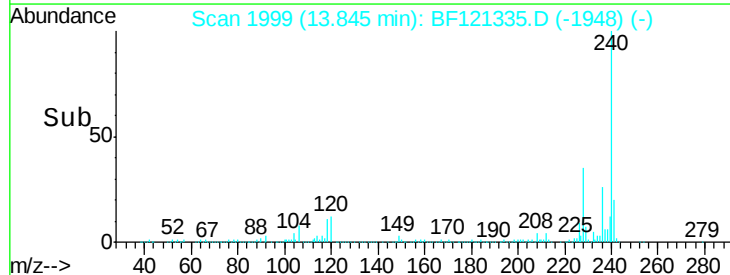
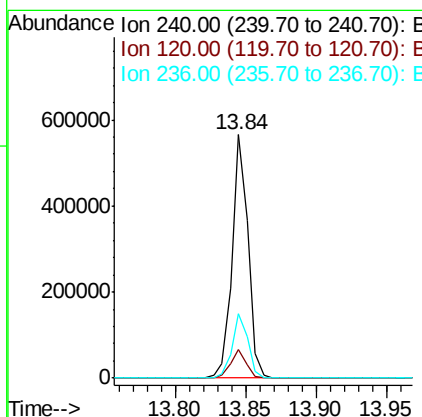
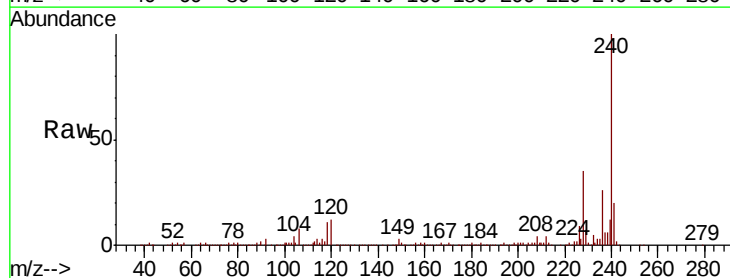
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.6
203	18.1	0.0	37.5

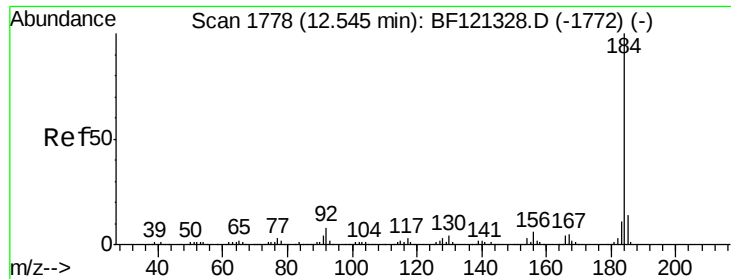


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

Tgt Ion:240 Resp: 442769

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.6	14.4
236	26.4	20.6	31.0





#77

Benzidine

Concen: 43.646 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

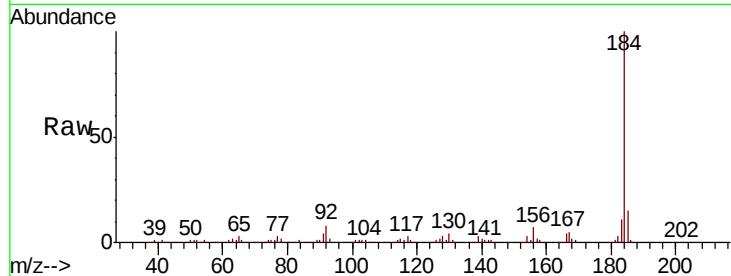
Tot Ion:184 Resp: 532414

Ion Ratio Lower Upper

184 100

185 14.5 11.6 17.4

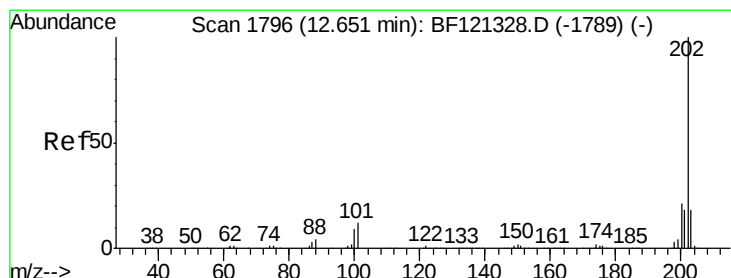
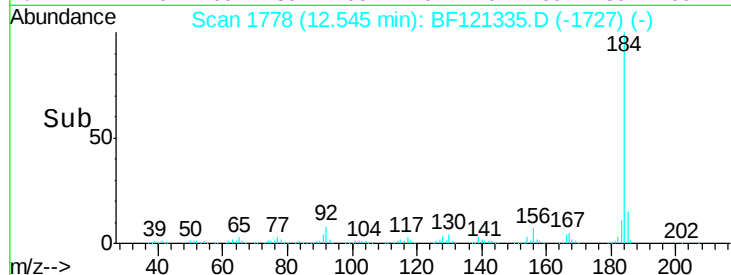
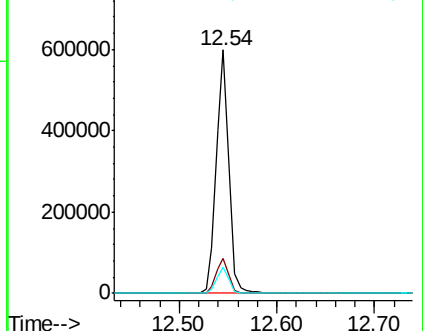
183 10.8 8.7 13.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.195 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

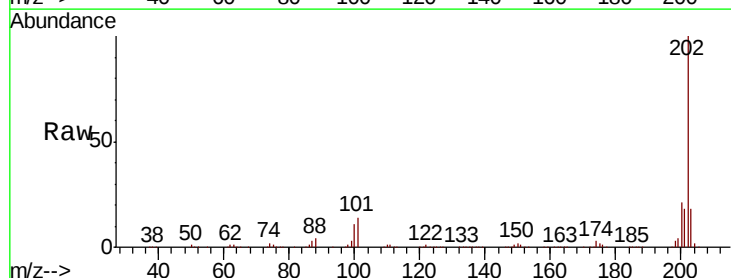
Tgt Ion:202 Resp: 1170578

Ion Ratio Lower Upper

202 100

200 21.2 16.6 24.8

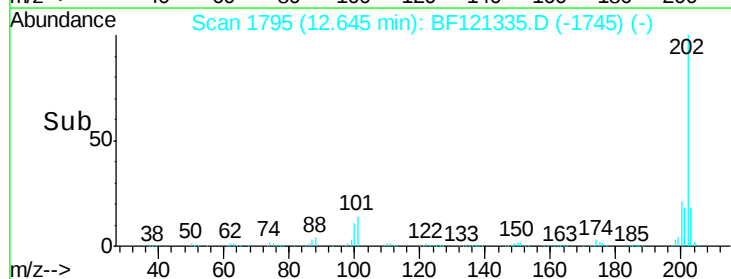
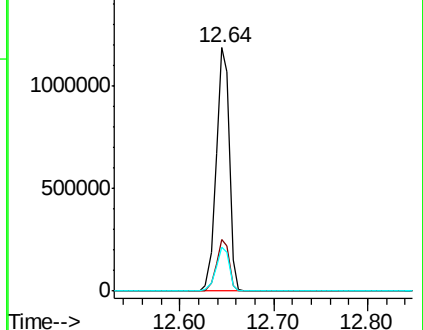
203 18.3 14.2 21.2

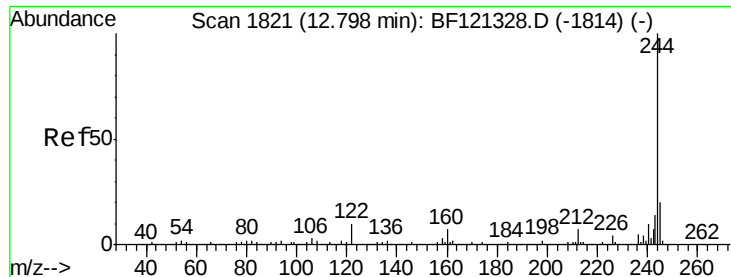


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.475 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

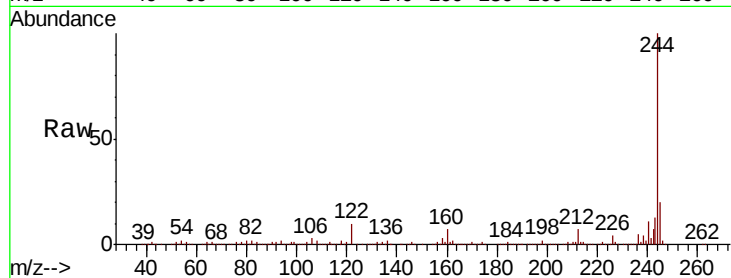
Tot Ion:244 Resp: 1483524

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

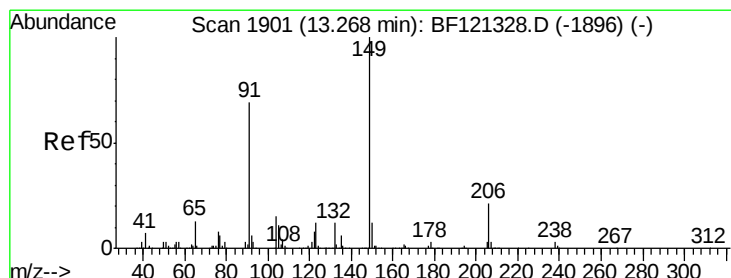
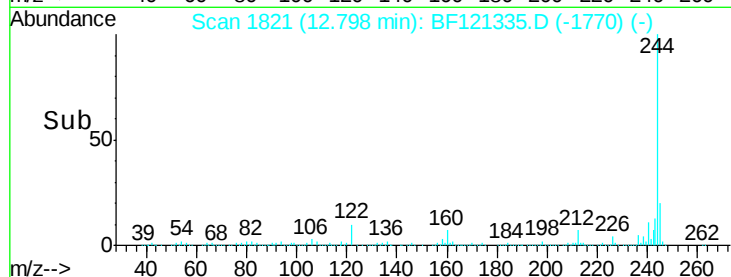
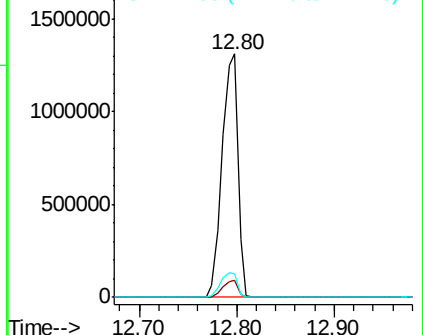
122 9.8 7.8 11.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.546 ng

RT: 13.27 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

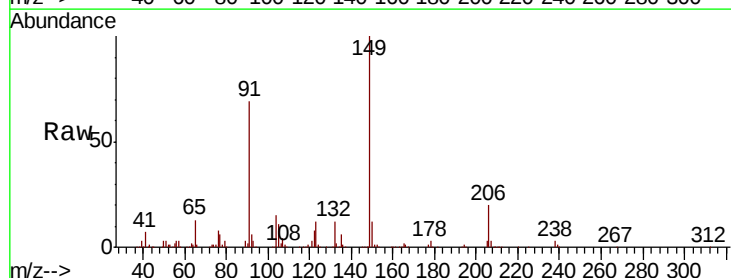
Tgt Ion:149 Resp: 522298

Ion Ratio Lower Upper

149 100

91 68.8 55.2 82.8

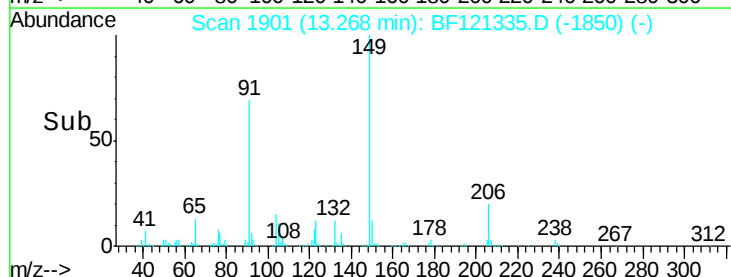
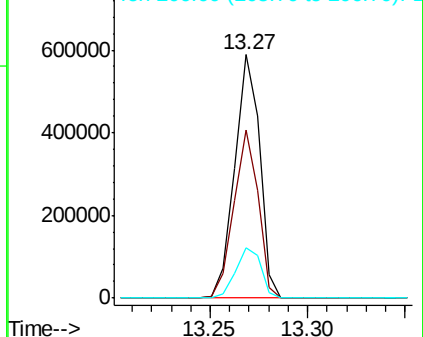
206 20.4 16.8 25.2

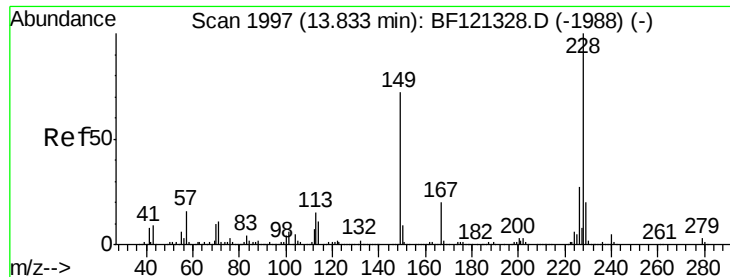


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

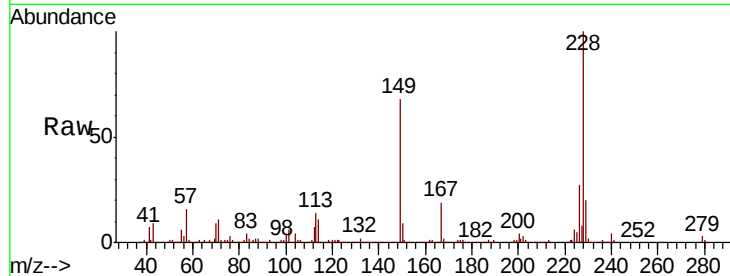




#81
Benzo(a)anthracene
Concen: 33.522 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.6
229	19.9	15.8	23.8

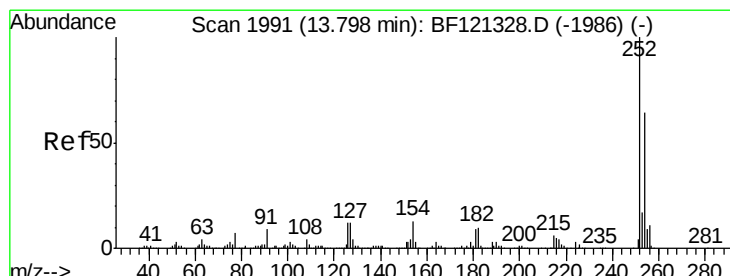
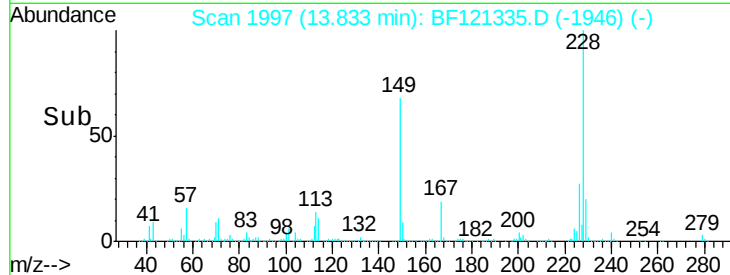
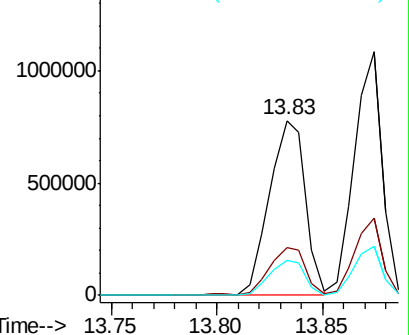


Abundance

Ion 228.00 (227.70 to 228.70): E

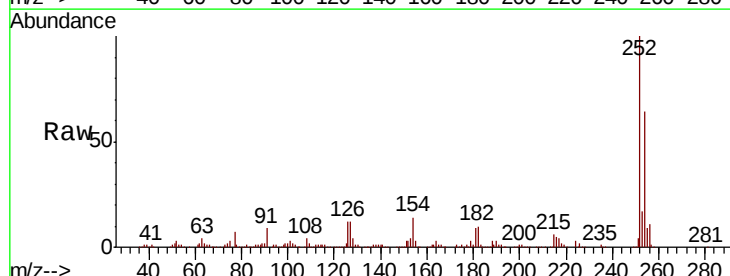
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 37.641 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.5	77.3
126	12.1	9.8	14.8

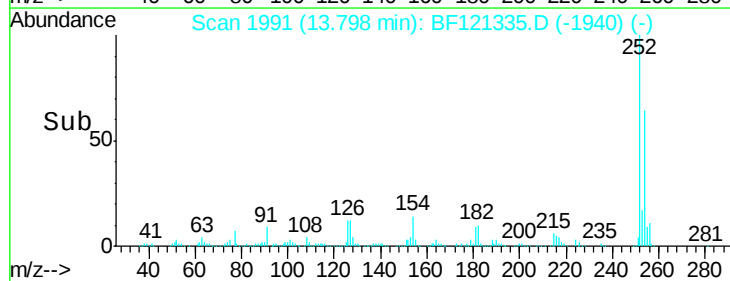
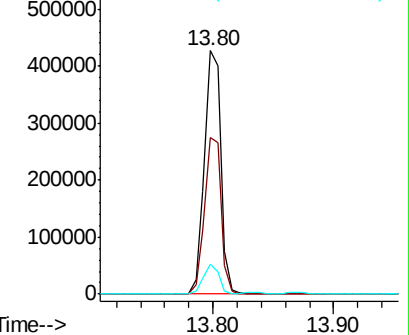


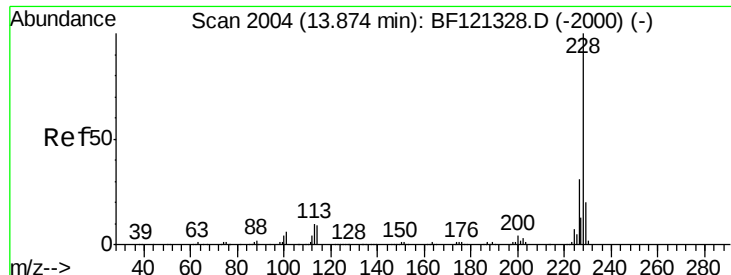
Abundance

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

Chrvsene

Concen: 35.749 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

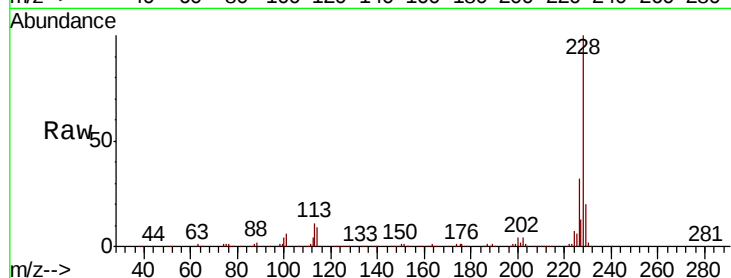
Tot Ion:228 Resp: 1005502

Ion Ratio Lower Upper

228 100

226 31.6 24.6 36.8

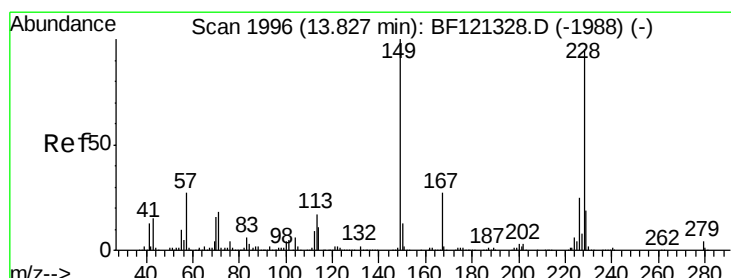
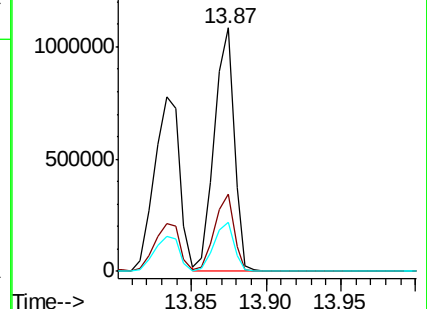
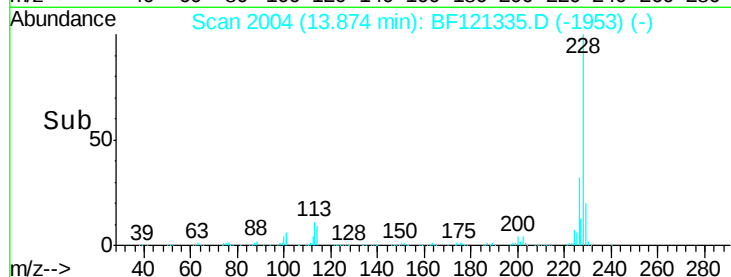
229 20.2 15.9 23.9



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: 35.125 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

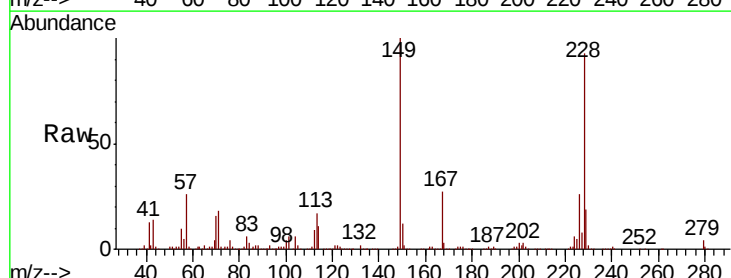
Tgt Ion:149 Resp: 590336

Ion Ratio Lower Upper

149 100

167 26.8 21.5 32.3

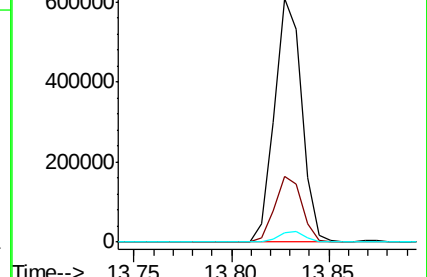
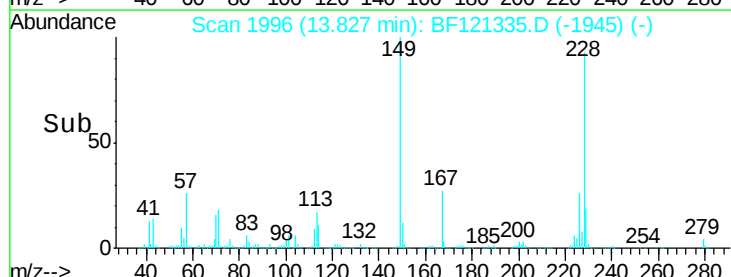
279 3.9 2.9 4.3

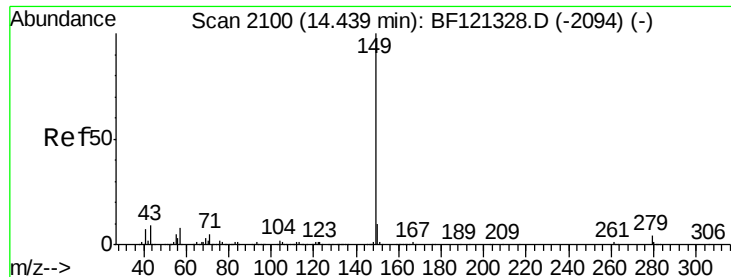


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

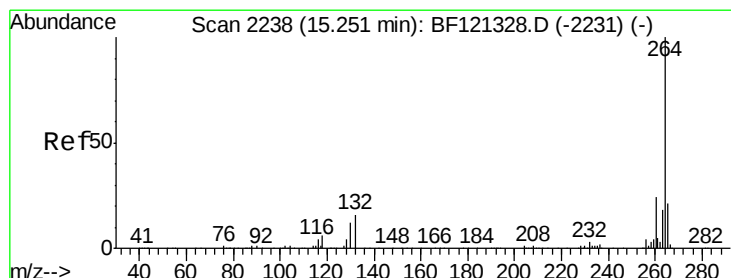
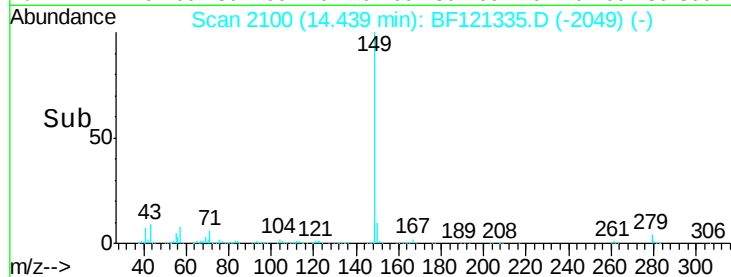
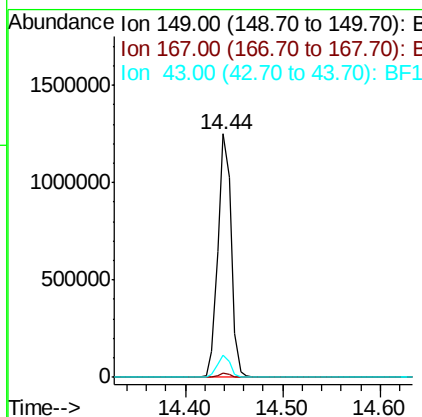
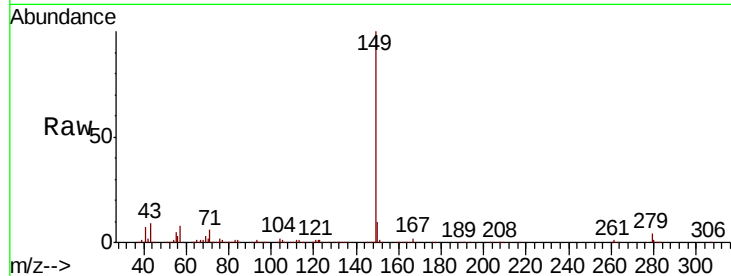




#85
Di-n-octyl phthalate
Concen: 38.016 ng
RT: 14.44 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

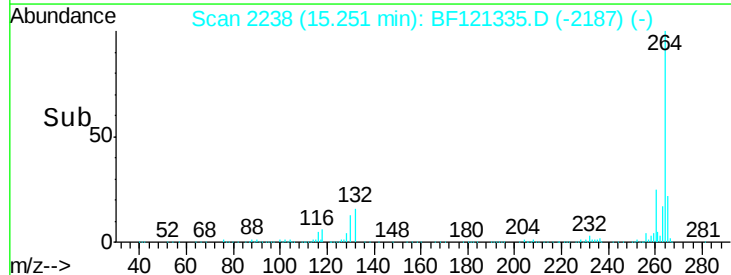
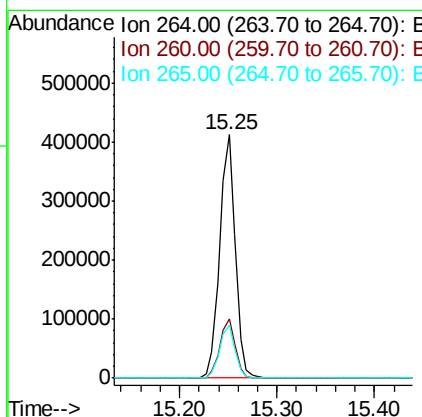
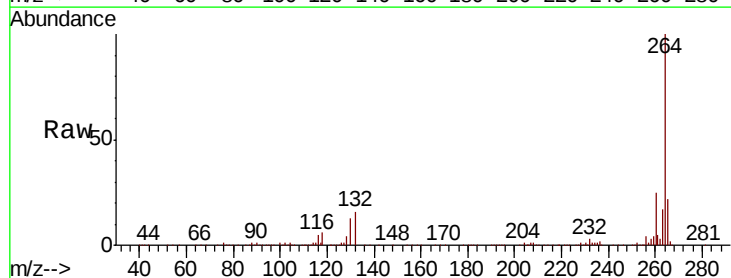
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

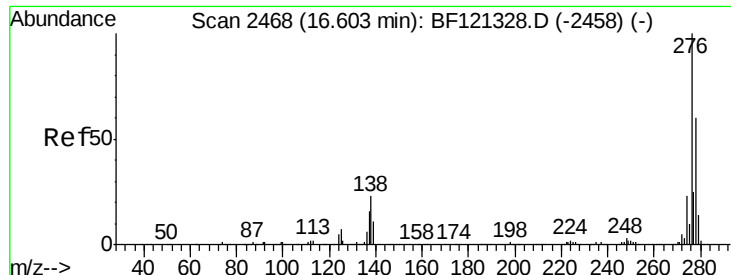
Tot Ion:149 Resp: 1182412
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.9 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

Tgt Ion:264 Resp: 457897
Ion Ratio Lower Upper
264 100
260 24.6 19.5 29.3
265 21.9 17.1 25.7

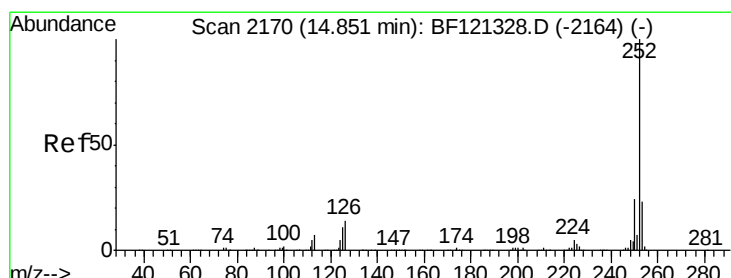
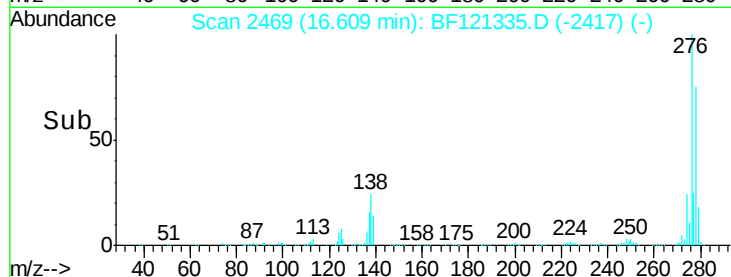
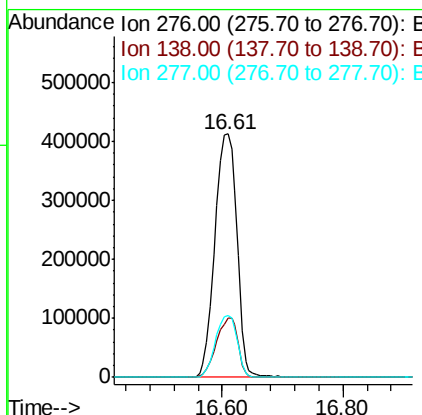
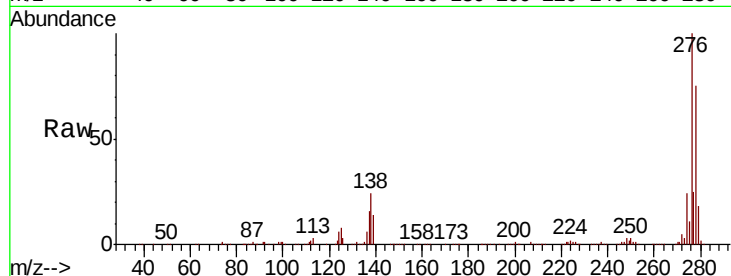




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.469 ng
 RT: 16.61 min Scan# 2469
 Delta R.T. 0.01 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

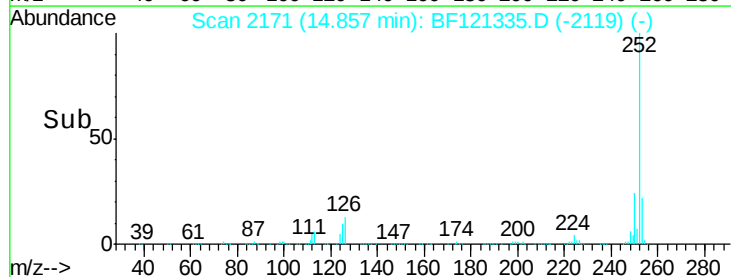
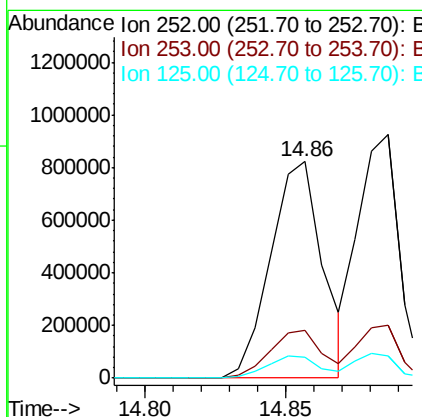
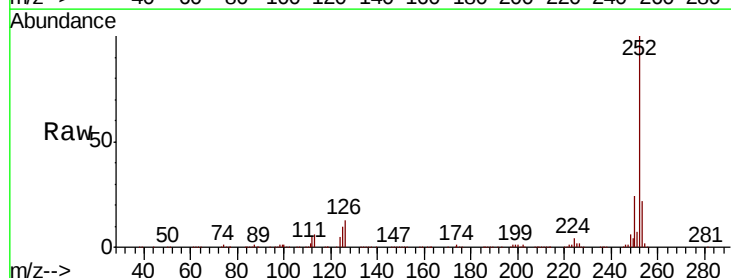
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

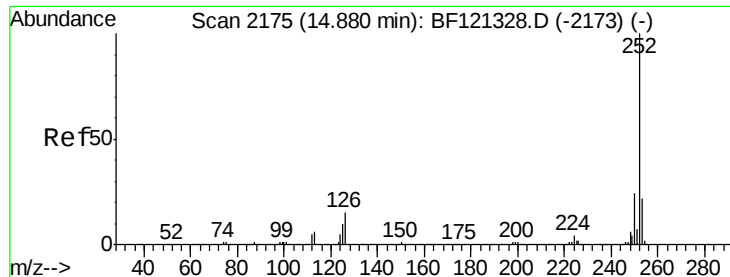
Tot Ion:276 Resp: 1047295
 Ion Ratio Lower Upper
 276 100
 138 24.0 19.4 29.0
 277 25.1 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 35.702 ng
 RT: 14.86 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: BF121335.D
 Acq: 20 Aug 2020 8:51

Tgt Ion:252 Resp: 1056144
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.0 27.0
 125 9.5 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 36.098 ng

RT: 14.89 min Scan# 2176

Delta R.T. 0.01 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

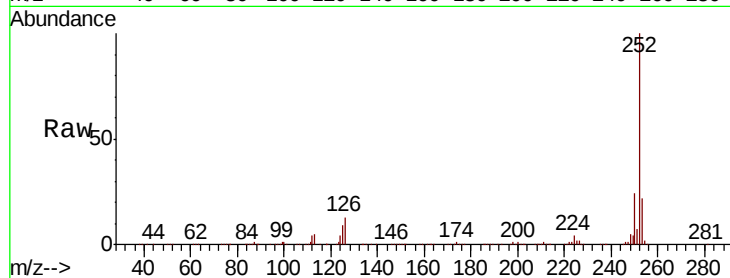
Tot Ion:252 Resp: 939980

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

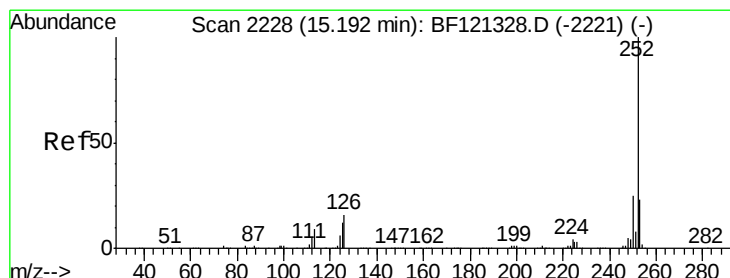
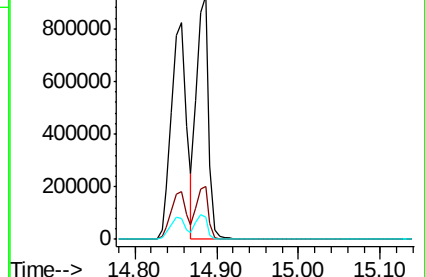
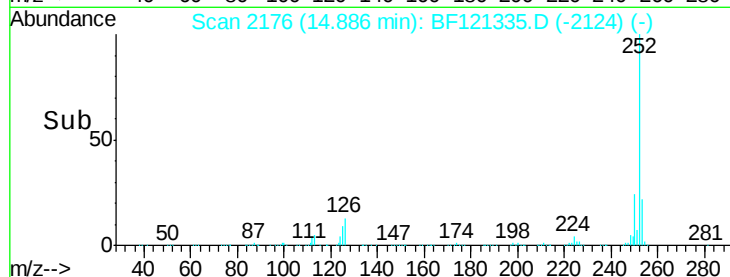
125 9.1 8.6 12.8



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: 36.385 ng

RT: 15.20 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BF121335.D

Acq: 20 Aug 2020 8:51

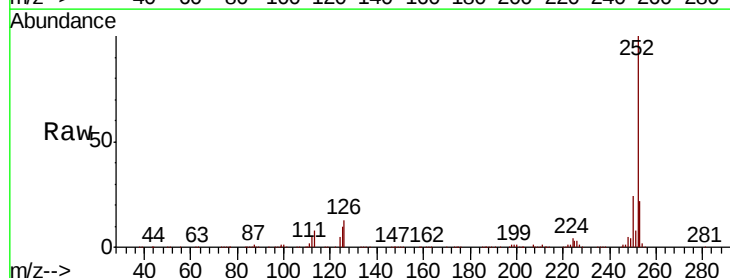
Tgt Ion:252 Resp: 929989

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

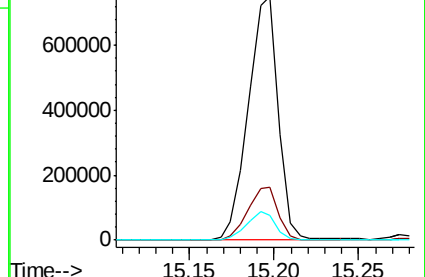
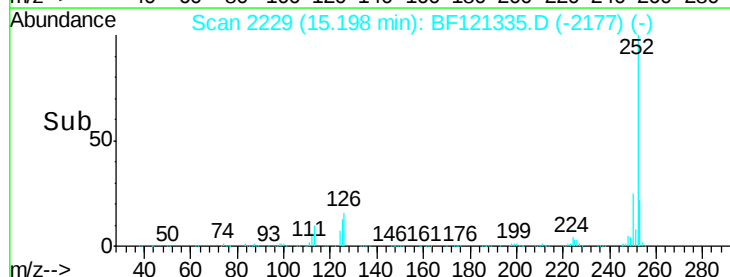
125 10.4 9.4 14.0

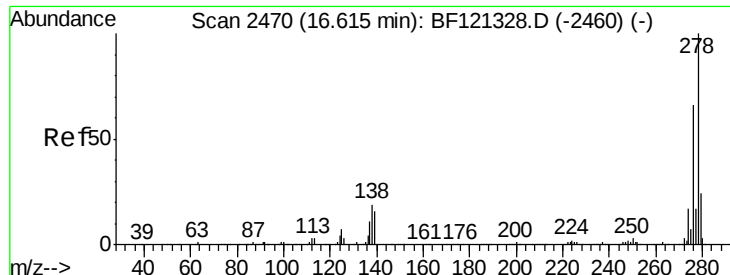


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

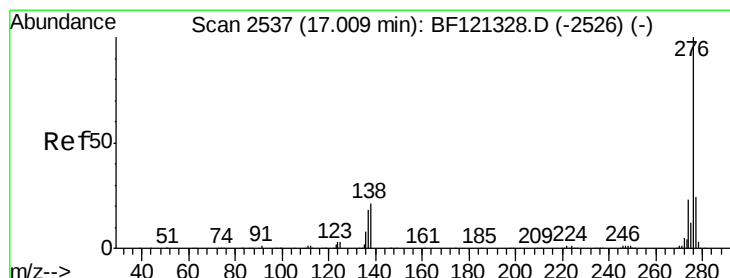
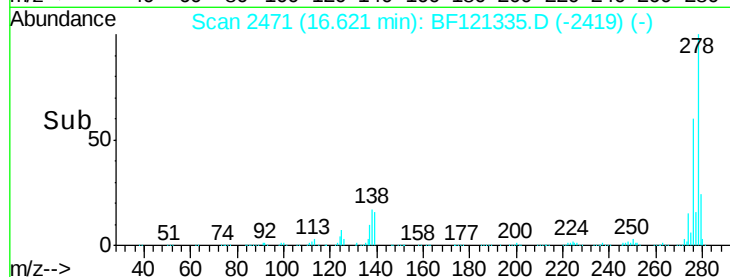
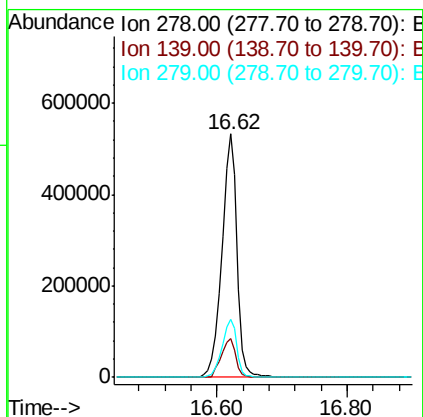
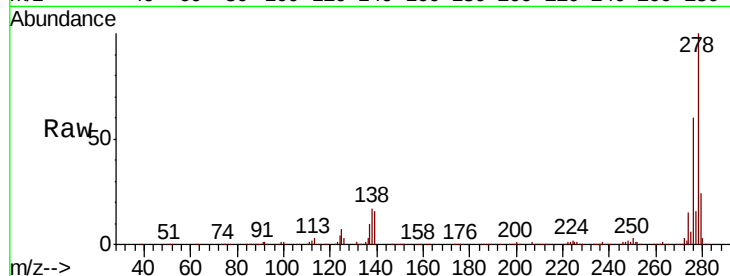




#91
Dibenzo(a,h)anthracene
Concen: 37.037 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.1	19.7
279	23.7	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 37.692 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF121335.D
Acq: 20 Aug 2020 8:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	20.6	16.8	25.2

