

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121195.D
 Acq On : 6 Aug 2020 10:25
 Operator : JU/CG
 Sample : PB130683BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Quant Time: Aug 06 10:55:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	129560	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	492339	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	246653	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	457607	20.00	ng	0.00
76) Chrysene-d12	13.96	240	346412	20.00	ng	0.00
86) Perylene-d12	15.41	264	335142	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	832717	105.37	ng	0.00
7) Phenol-d6	6.44	99	1005385	98.48	ng	0.00
23) Nitrobenzene-d5	7.36	82	688917	80.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	294531	109.09	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1239357	75.02	ng	0.00
79) Terphenyl-d14	12.91	244	1230376	77.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	140480	38.623	ng	98
3) Pyridine	3.30	79	333862	34.505	ng	98
4) n-Nitrosodimethylamine	3.25	42	170718	41.262	ng	96
6) Aniline	6.46	93	448742	33.674	ng	# 89
8) 2-Chlorophenol	6.58	128	382754	43.963	ng	98
9) Benzaldehyde	6.35	77	243984	54.105	ng	99
10) Phenol	6.45	94	446636	39.772	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	363780	42.268	ng	100
12) 1,3-Dichlorobenzene	6.73	146	394828	41.822	ng	98
13) 1,4-Dichlorobenzene	6.81	146	399924	42.602	ng	99
14) 1,2-Dichlorobenzene	6.96	146	381119	42.914	ng	100
15) Benzyl Alcohol	6.94	79	300274	41.592	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	516070	41.602	ng	94
17) 2-Methylphenol	7.06	107	299650	38.832	ng	100
18) Hexachloroethane	7.30	117	148924	43.831	ng	100
19) n-Nitroso-di-n-propylamine	7.21	70	233314	40.191	ng	95
20) 3+4-Methylphenols	7.21	107	347413	35.391	ng	97
22) Acetophenone	7.20	105	477782	43.240	ng	97
24) Nitrobenzene	7.38	77	381161	41.563	ng	99
25) Isophorone	7.62	82	692053	40.753	ng	98
26) 2-Nitrophenol	7.69	139	204577	46.970	ng	96
27) 2,4-Dimethylphenol	7.73	122	319029	45.114	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	452499	43.653	ng	100
29) 2,4-Dichlorophenol	7.94	162	308279	42.662	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	340332	42.451	ng	99
31) Naphthalene	8.10	128	1049227	41.546	ng	100
32) Benzoic acid	7.87	122	199648	37.610	ng	98
33) 4-Chloroaniline	8.15	127	303921	26.977	ng	99
34) Hexachlorobutadiene	8.22	225	199429	42.197	ng	98
35) Caprolactam	8.53	113	73305	31.634	ng	87
36) 4-Chloro-3-methylphenol	8.64	107	315012	42.506	ng	100
37) 2-Methylnaphthalene	8.79	142	710165	43.308	ng	99
38) 1-Methylnaphthalene	8.89	142	665331	42.840	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	328706	45.740	ng	99

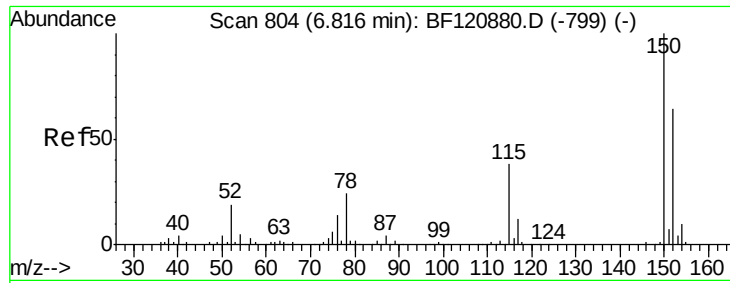
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
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 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	319635	80.476	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	218509	43.185	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	231396	40.316	nq	97
46) 1,1'-Biphenyl	9.26	154	849478	45.150	nq	99
47) 2-Chloronaphthalene	9.28	162	650242	42.389	nq	98
48) 2-Nitroaniline	9.38	65	196192	42.322	nq	99
49) Acenaphthylene	9.70	152	1028177	43.145	nq	99
50) Dimethylphthalate	9.56	163	761688	42.805	nq	99
51) 2,6-Dinitrotoluene	9.62	165	167253	43.749	nq	96
52) Acenaphthene	9.87	154	595646	39.315	nq	99
53) 3-Nitroaniline	9.79	138	127795	26.653	nq	97
54) 2,4-Dinitrophenol	9.90	184	163721	74.880	nq	94
55) Dibenzofuran	10.04	168	904938	41.303	nq	99
56) 4-Nitrophenol	9.97	139	239486	65.753	nq	97
57) 2,4-Dinitrotoluene	10.03	165	216091	43.043	nq	# 88
58) Fluorene	10.39	166	678346	41.513	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	195496	44.736	nq	99
60) Diethylphthalate	10.26	149	752556	41.812	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	340870	39.110	nq	98
62) 4-Nitroaniline	10.41	138	180704	38.690	nq	98
63) Azobenzene	10.53	77	711207	41.506	nq	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	119492	45.349	nq	100
66) n-Nitrosodiphenylamine	10.50	169	633004	43.973	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	222855	43.680	nq	93
68) Hexachlorobenzene	10.93	284	247315	44.812	nq	96
69) Atrazine	11.03	200	167668	47.030	nq	97
70) Pentachlorophenol	11.13	266	248226	78.509	nq	99
71) Phenanthrene	11.35	178	998240	42.415	nq	100
72) Anthracene	11.40	178	1045129	44.224	nq	99
73) Carbazole	11.56	167	953304	40.648	nq	99
74) Di-n-butylphthalate	11.89	149	1186426	43.837	nq	99
75) Fluoranthene	12.53	202	1094985	41.975	nq	98
77) Benzidine	12.66	184	557606	61.223	nq	99
78) Pyrene	12.76	202	1113440	45.462	nq	100
80) Butylbenzylphthalate	13.38	149	508540	46.578	nq	93
81) Benzo(a)anthracene	13.95	228	936932	44.665	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	316466	39.988	nq	99
83) Chrysene	13.99	228	944269	42.835	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	695153	51.634	nq	99
85) Di-n-octyl phthalate	14.55	149	1214896	45.357	nq	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	993806	42.638	nq	99
88) Benzo(b)fluoranthene	14.99	252	895944	44.226	nq	99
89) Benzo(k)fluoranthene	15.02	252	911989	49.363	nq	99
90) Benzo(a)pyrene	15.35	252	826013	44.691	nq	100
91) Dibenzo(a,h)anthracene	16.86	278	824952	43.329	nq	100
92) Benzo(g,h,i)perylene	17.28	276	847711	45.157	nq	99

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

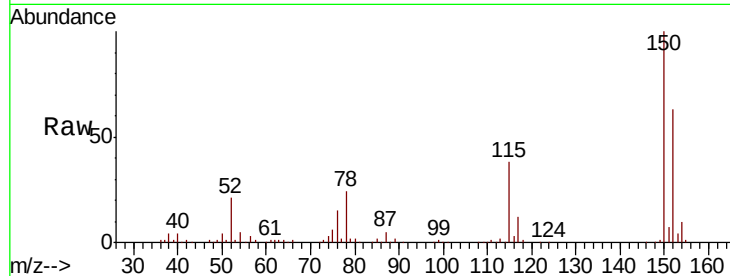


#1

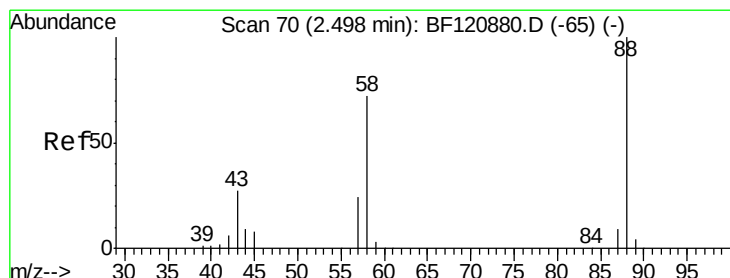
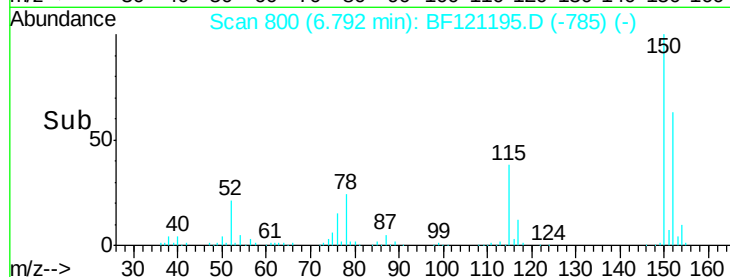
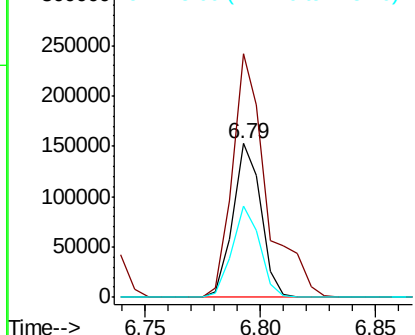
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion:152 Resp: 129560
Ion Ratio Lower Upper
152 100
150 158.4 125.6 188.4
115 59.7 46.2 69.2



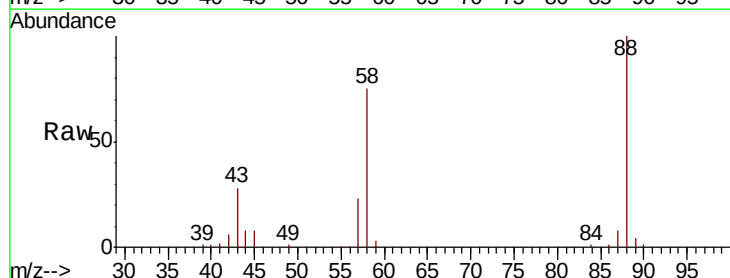
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



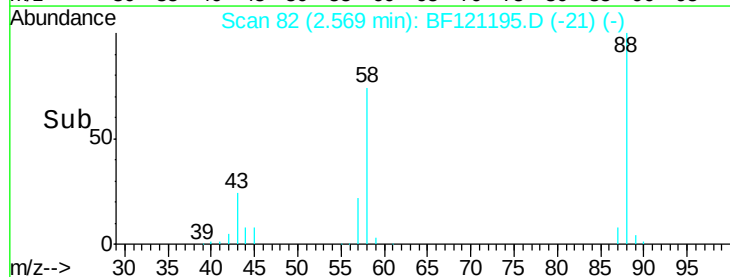
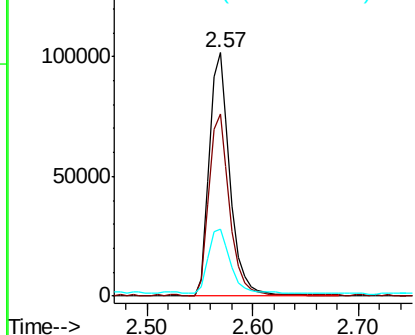
#2

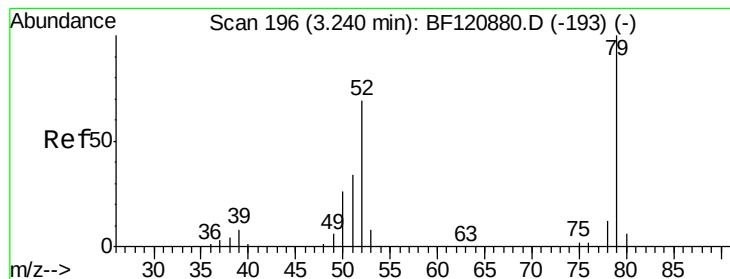
1,4-Dioxane
Concen: 38.623 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.06 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion: 88 Resp: 140480
Ion Ratio Lower Upper
88 100
58 74.4 58.2 87.4
43 27.9 21.3 31.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.505 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.05 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

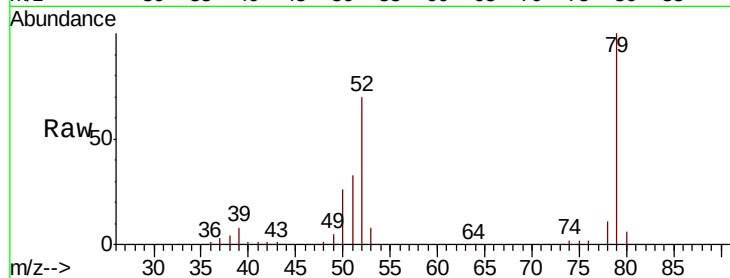
Tot Ion: 79 Resp: 333862

Ion Ratio Lower Upper

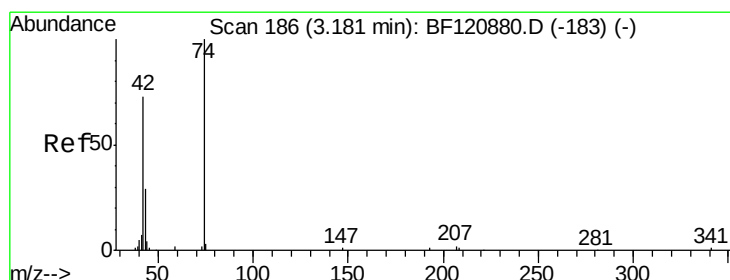
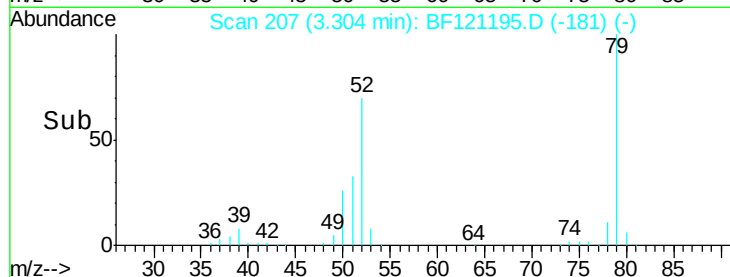
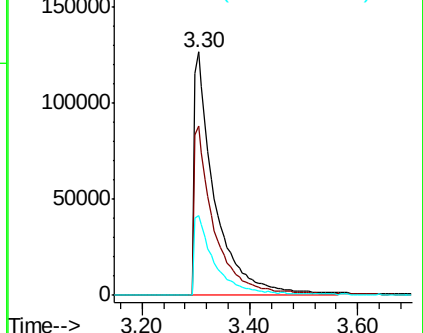
79 100

52 69.6 54.9 82.3

51 32.9 27.4 41.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.262 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.04 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

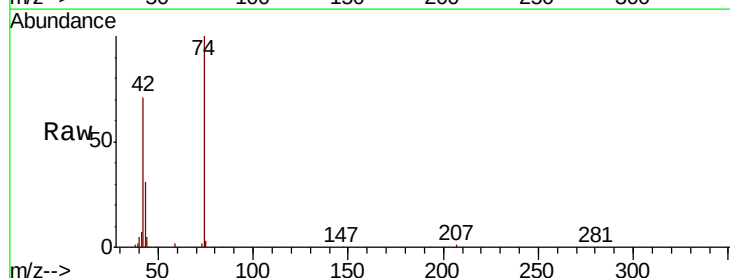
Tgt Ion: 42 Resp: 170718

Ion Ratio Lower Upper

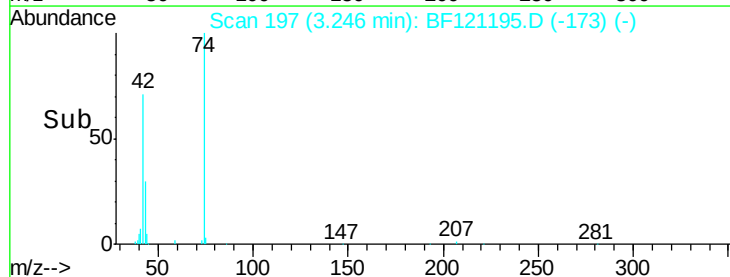
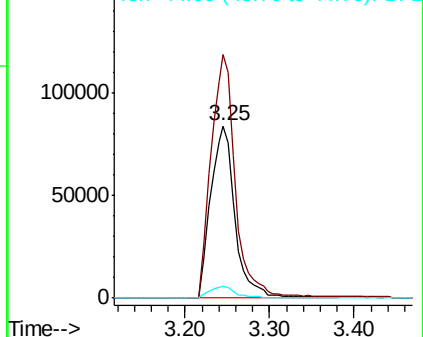
42 100

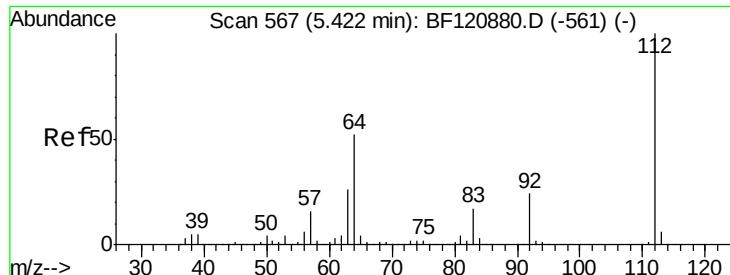
74 141.3 117.3 175.9

44 7.1 5.9 8.9



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 105.366 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

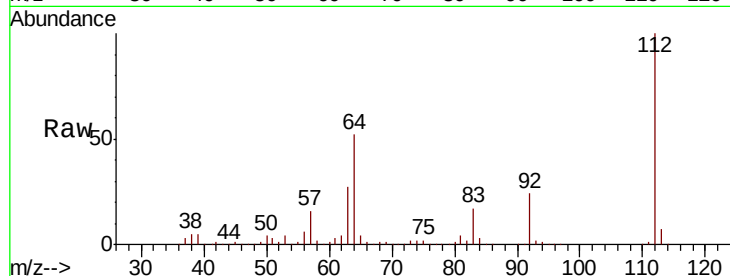
Instrument :

BNA_F

ClientSampleId :

PB130683BS

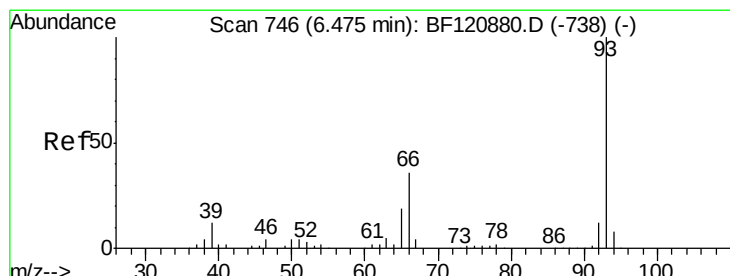
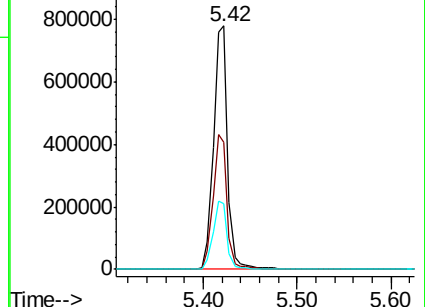
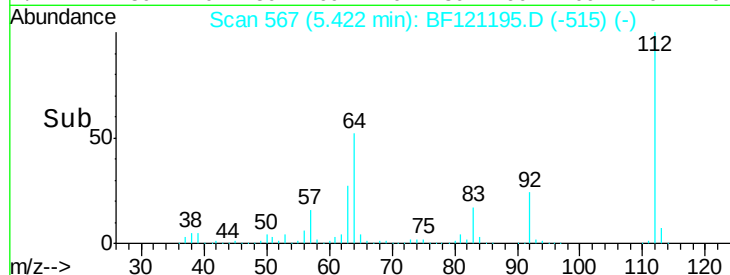
Tot Ion:	112	Resp:	832717
Ion	Ratio	Lower	Upper
112	100		
64	52.2	43.9	65.9
63	27.1	22.7	34.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.674 ng

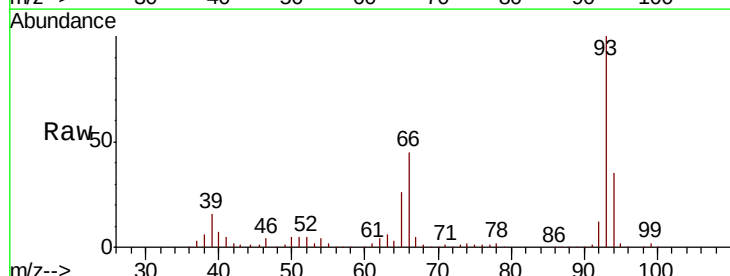
RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

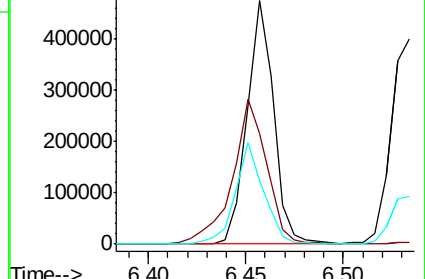
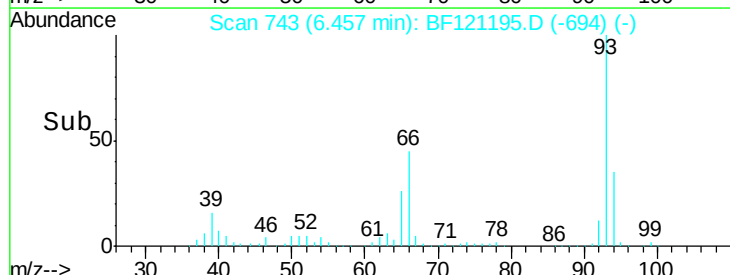
Tgt Ion:	93	Resp:	448742
Ion	Ratio	Lower	Upper
93	100		
66	45.1	31.0	46.4
65	25.7	16.2	24.4#

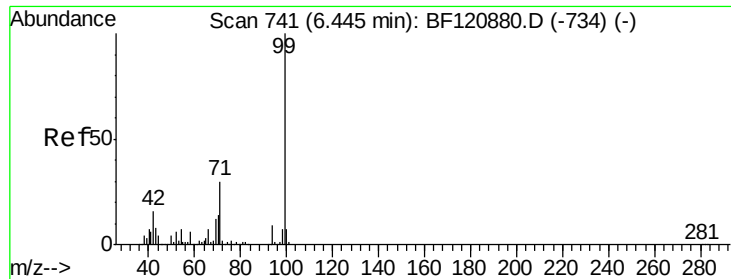


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.482 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

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ClientSampleId :

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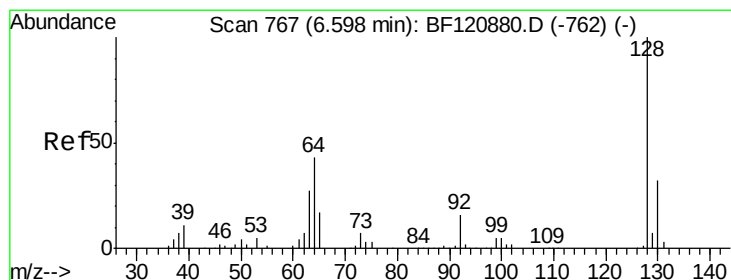
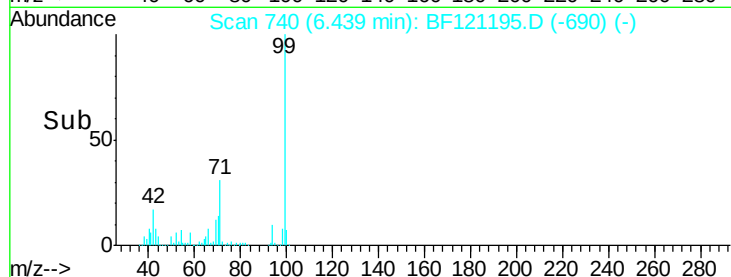
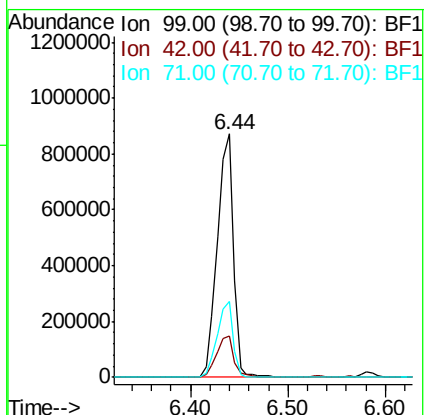
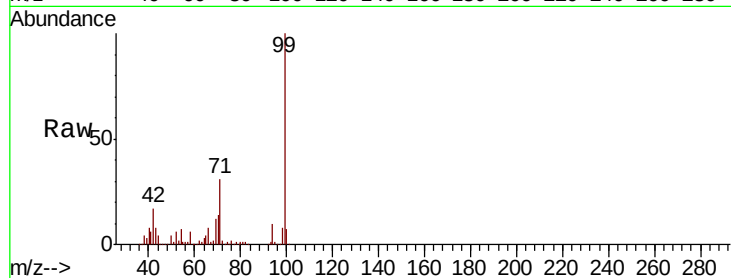
Tot Ion: 99 Resp: 1005385

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

71 31.0 25.0 37.4



#8

2-Chlorophenol

Concen: 43.963 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

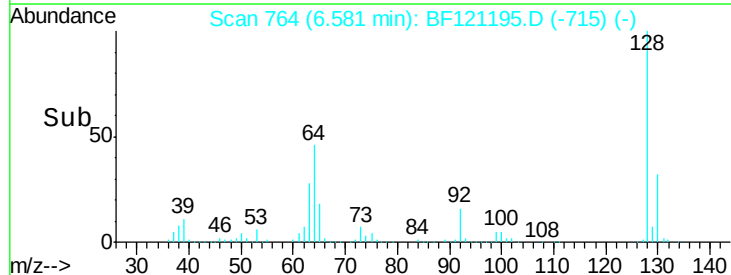
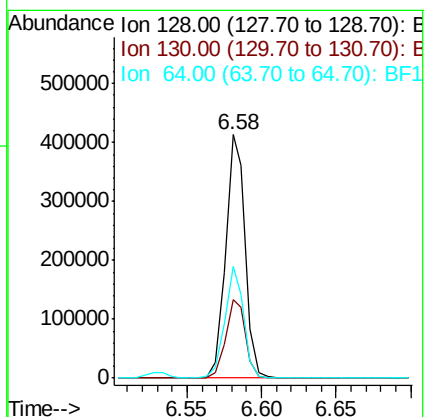
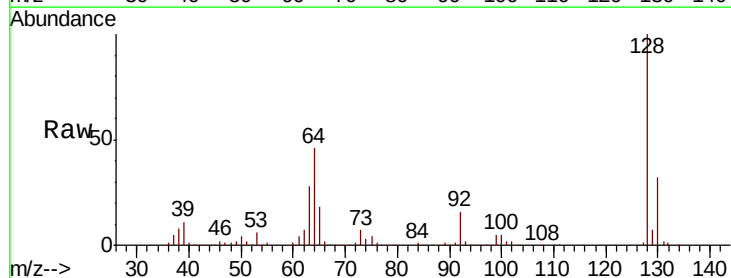
Tgt Ion: 128 Resp: 382754

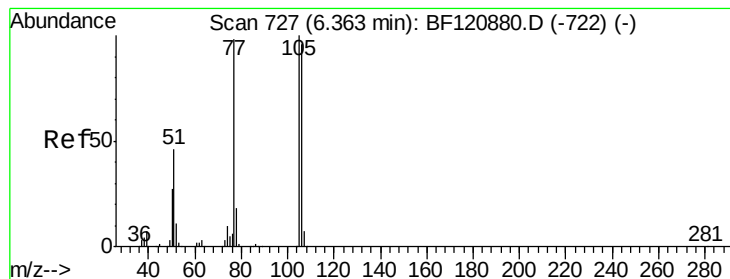
Ion Ratio Lower Upper

128 100

130 32.3 12.7 52.7

64 45.7 23.8 63.8





#9

Benzaldehyde

Concen: 54.105 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

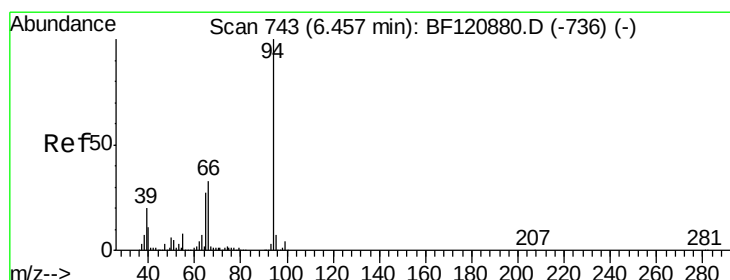
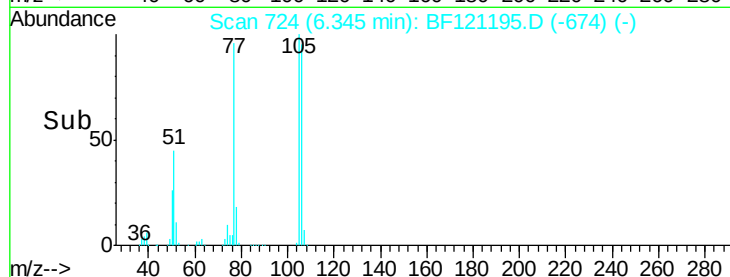
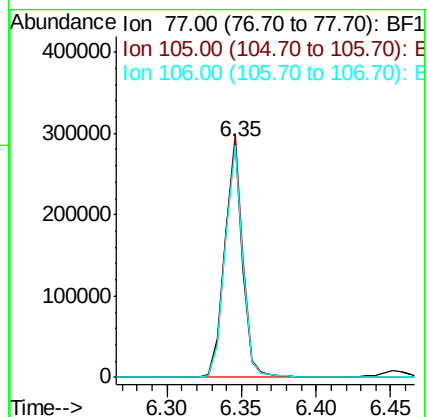
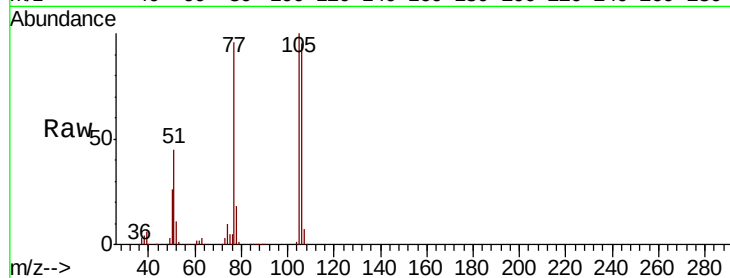
Tot Ion: 77 Resp: 243984

Ion Ratio Lower Upper

77 100

105 103.7 82.4 122.4

106 98.7 78.9 118.9



#10

Phenol

Concen: 39.772 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

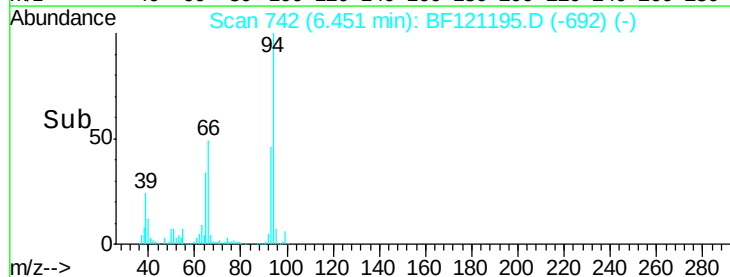
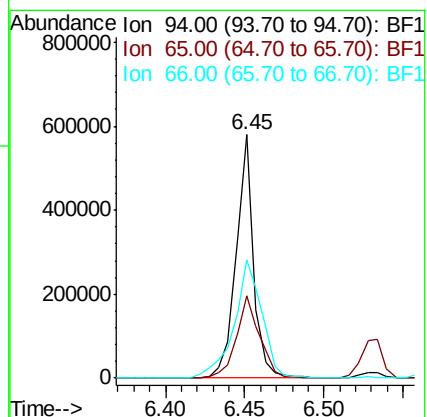
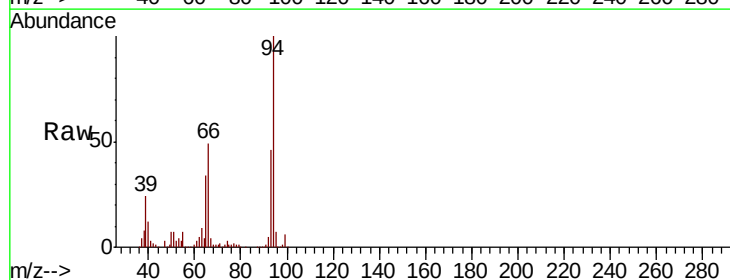
Tgt Ion: 94 Resp: 446636

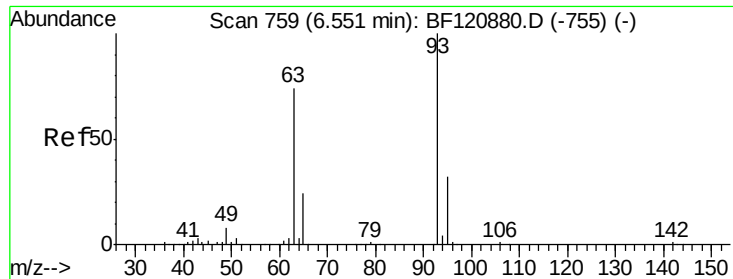
Ion Ratio Lower Upper

94 100

65 34.1 12.6 52.6

66 48.5 25.6 65.6

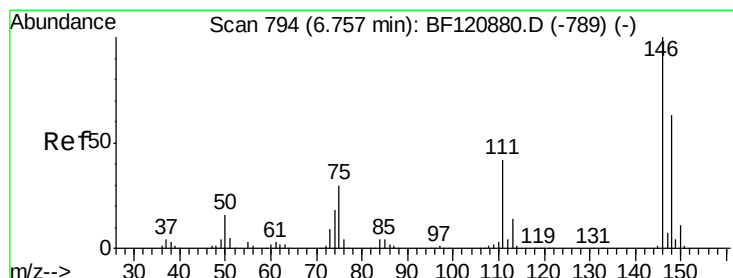
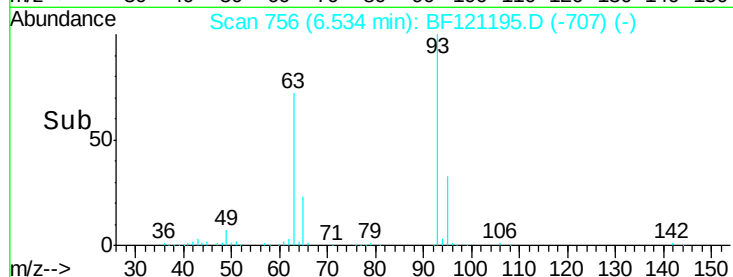
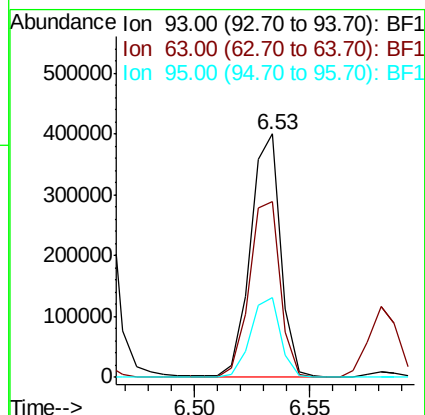
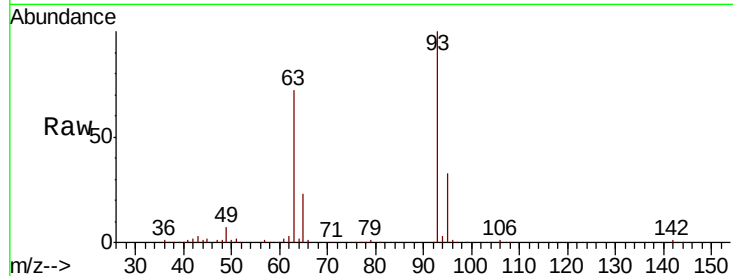




#11
bis(2-Chloroethyl)ether
Concen: 42.268 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

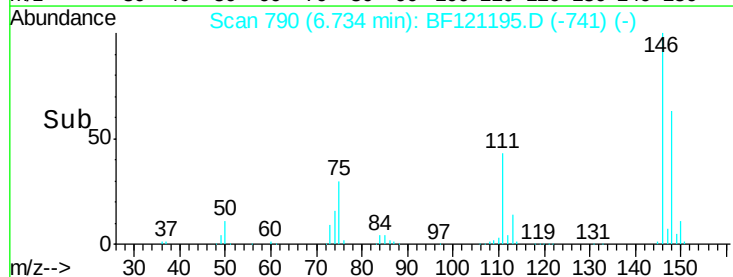
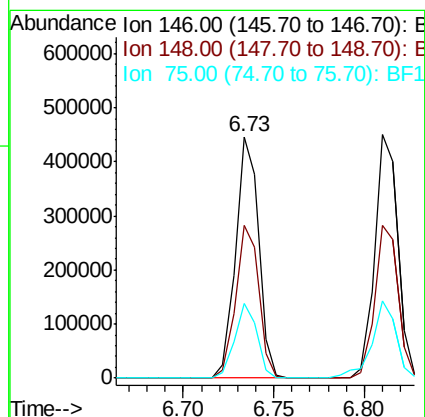
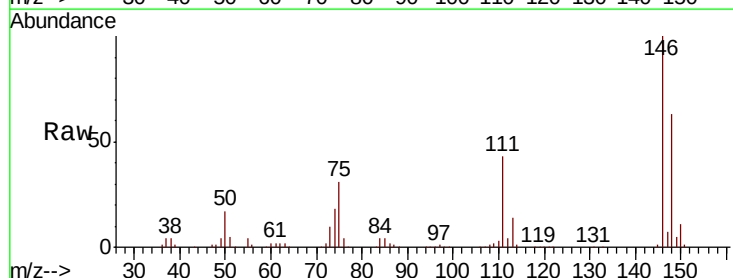
Instrument :
BNA_F
ClientSampleId :
PB130683BS

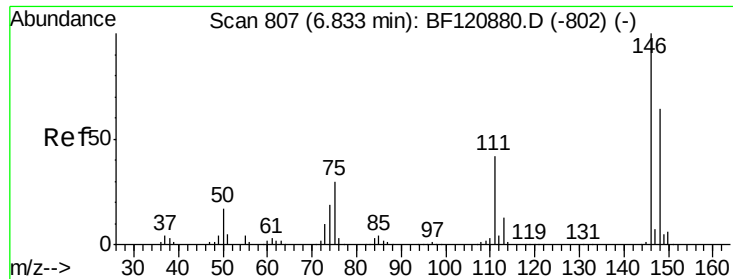
Tot Ion: 93 Resp: 363780
Ion Ratio Lower Upper
93 100
63 72.0 51.9 91.9
95 32.6 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 41.822 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion: 146 Resp: 394828
Ion Ratio Lower Upper
146 100
148 63.2 51.7 77.5
75 30.8 23.8 35.6

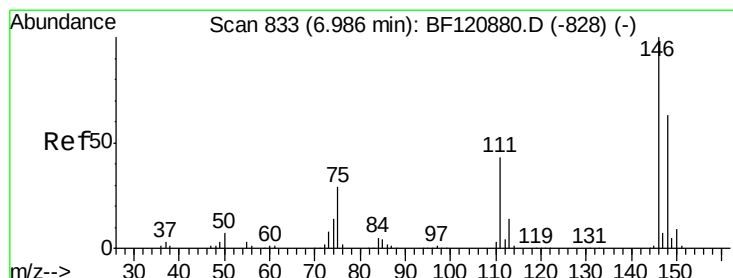
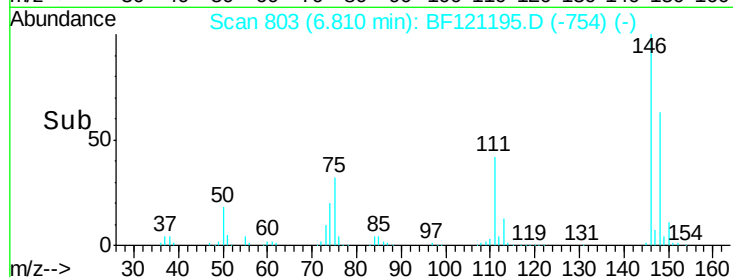
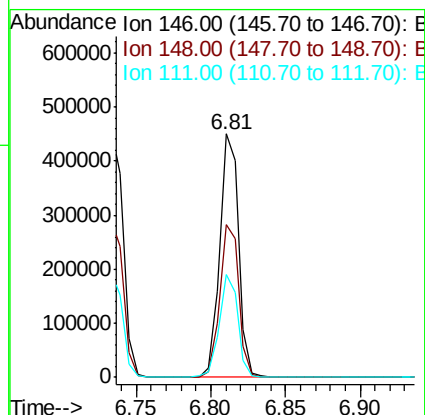
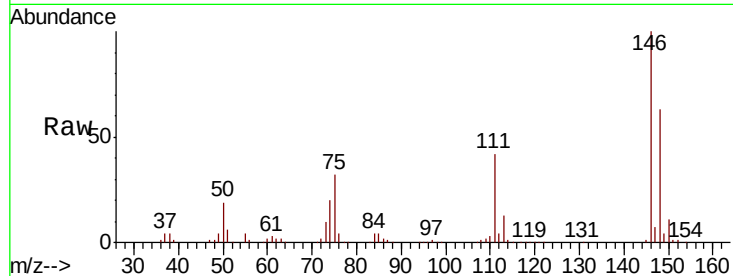




#13
 1,4-Dichlorobenzene
 Concen: 42.602 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

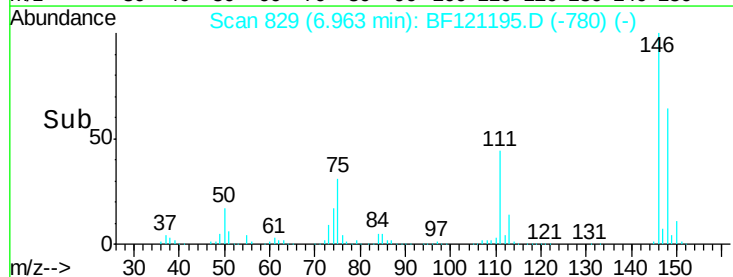
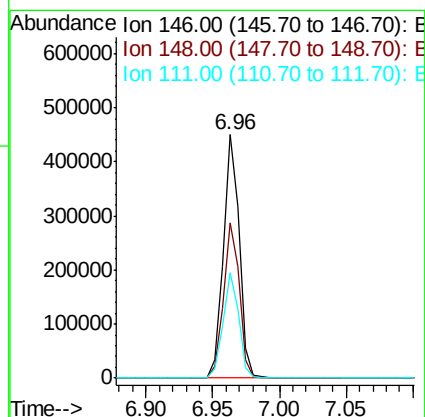
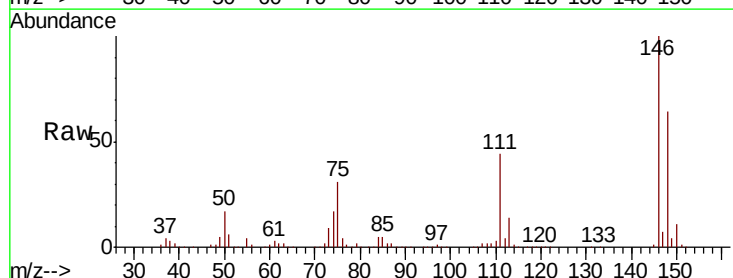
Instrument :
 BNA_F
 ClientSampled :
 PB130683BS

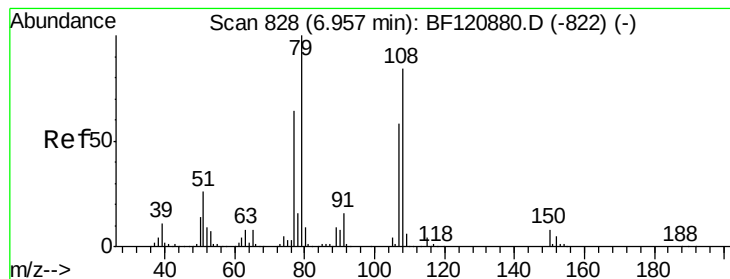
Tot Ion:146 Resp: 399924
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.5 75.7
 111 42.2 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 42.914 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Tgt Ion:146 Resp: 381119
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 43.5 35.4 53.0





#15

Benzyl Alcohol

Concen: 41.592 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

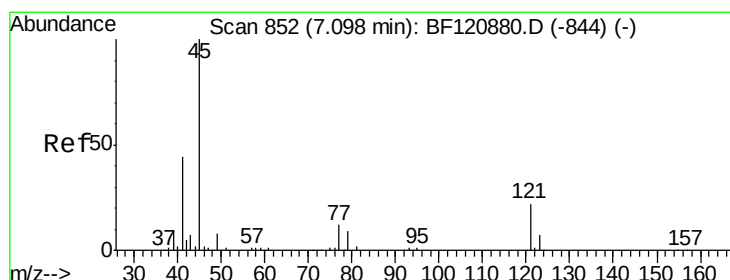
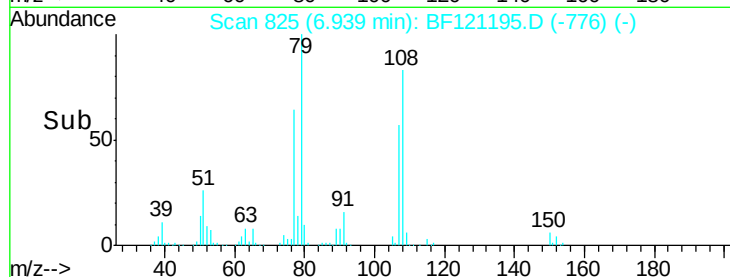
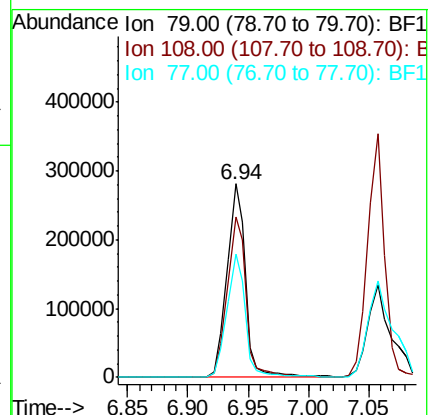
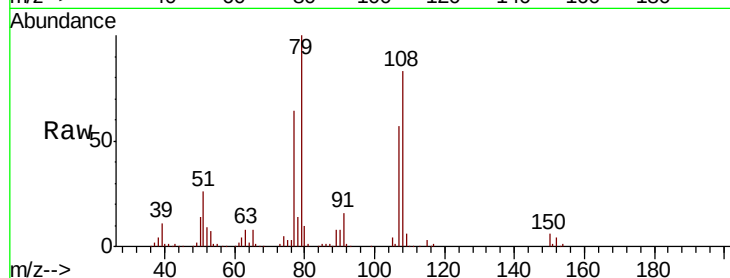
Tot Ion: 79 Resp: 300274

Ion Ratio Lower Upper

79 100

108 82.7 68.6 103.0

77 64.1 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.602 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.02 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

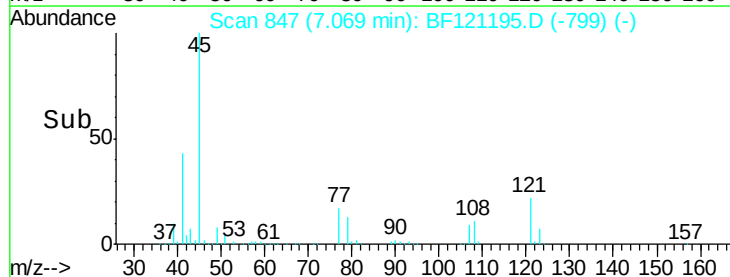
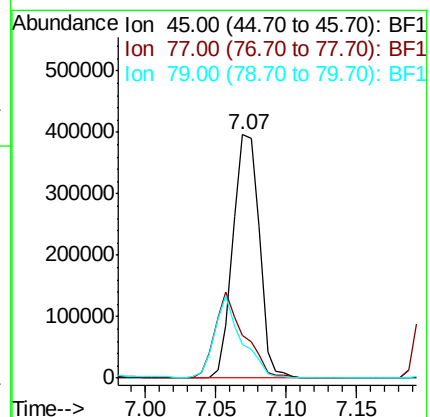
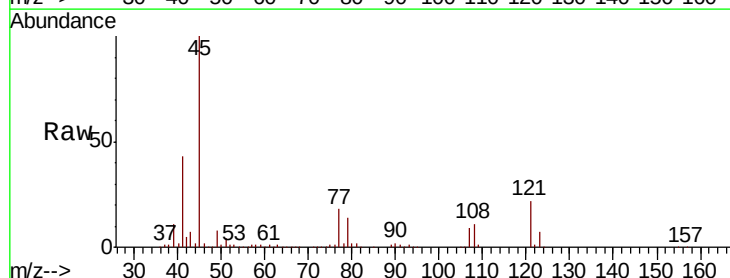
Tgt Ion: 45 Resp: 516070

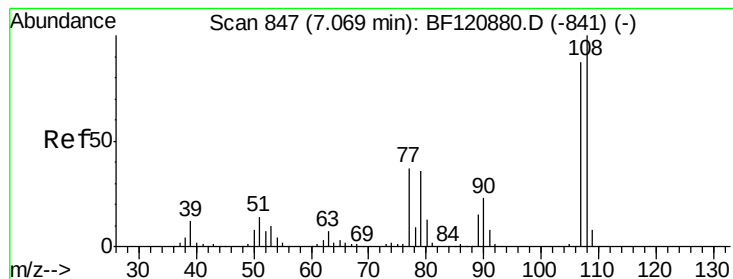
Ion Ratio Lower Upper

45 100

77 17.5 0.0 34.7

79 13.8 0.0 32.0





#17

2-Methylphenol

Concen: 38.832 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

Tot Ion:107 Resp: 299650

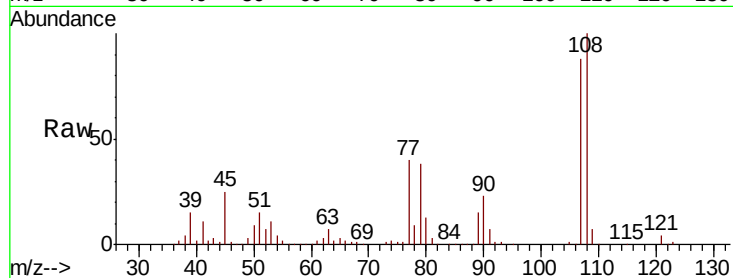
Ion Ratio Lower Upper

107 100

108 113.9 91.2 136.8

77 45.0 36.5 54.7

79 43.3 35.0 52.6

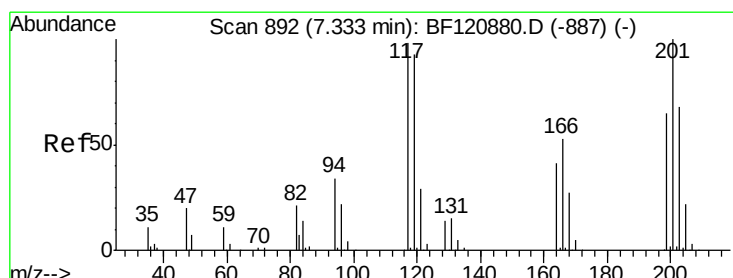
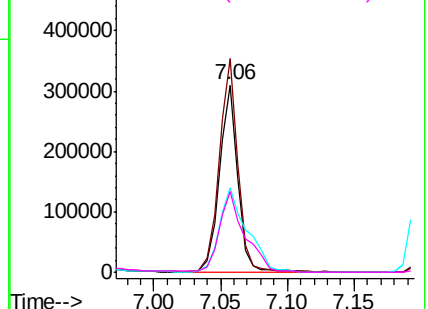
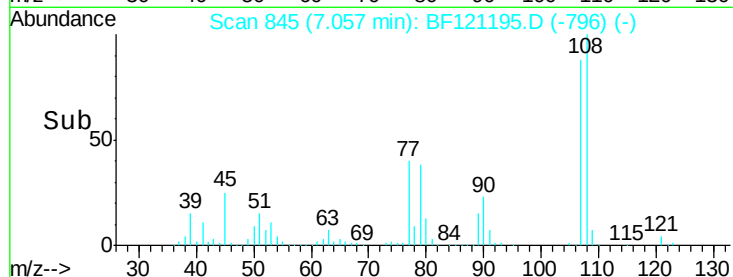


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.831 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

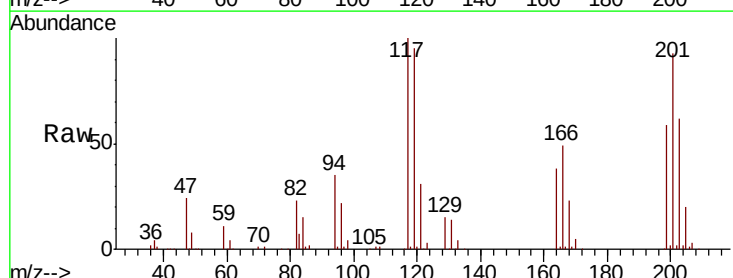
Tgt Ion:117 Resp: 148924

Ion Ratio Lower Upper

117 100

119 95.4 76.6 114.8

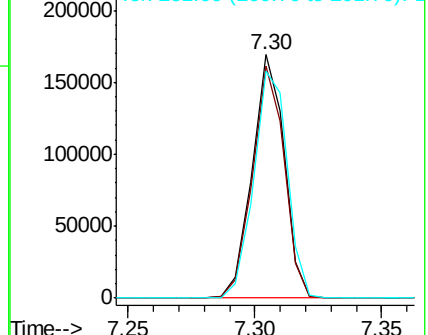
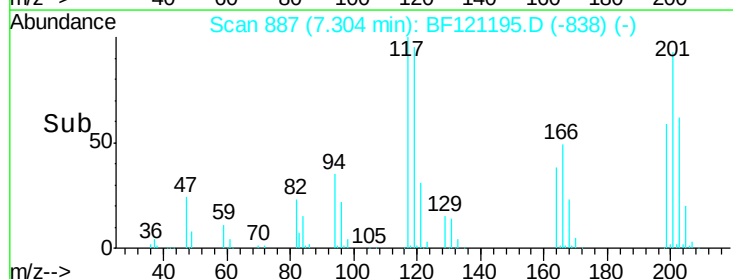
201 93.0 75.0 112.4

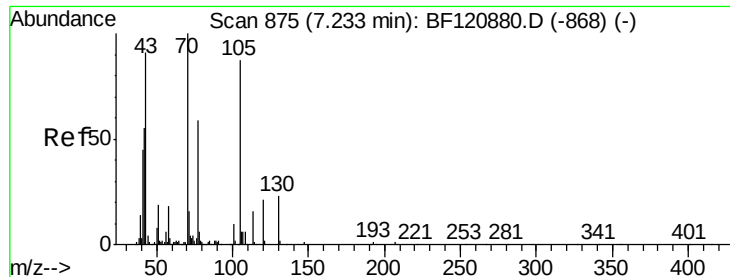


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

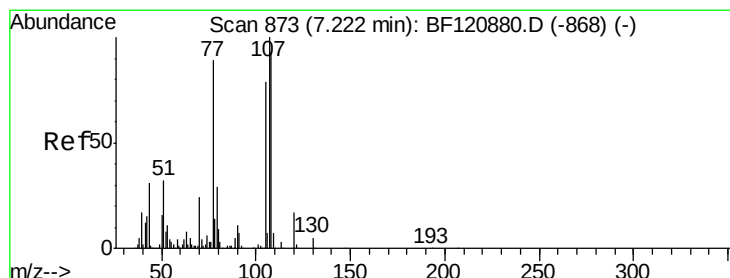
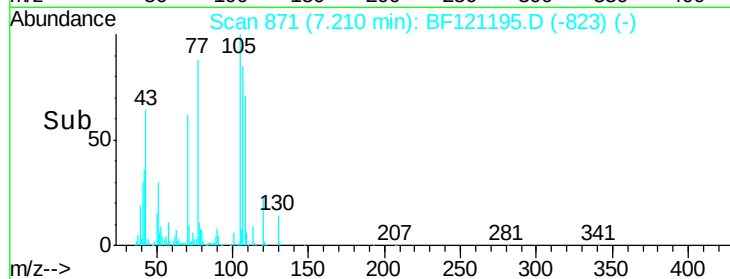
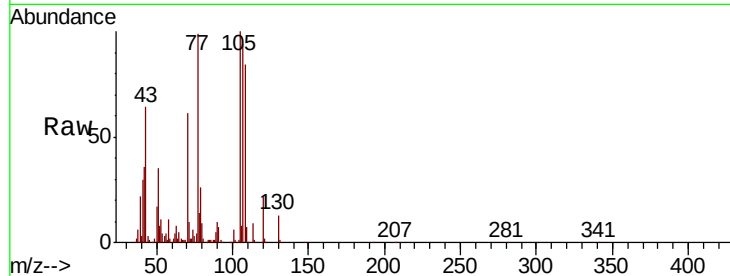
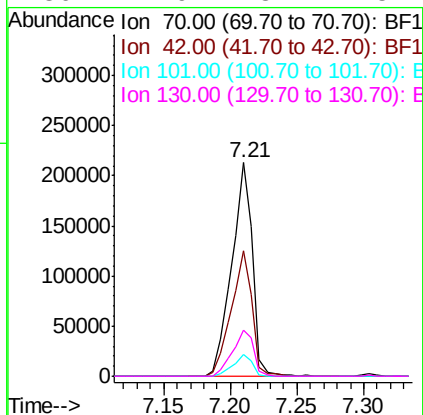




#19
n-Nitroso-di-n-propylamine
Concen: 40.191 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

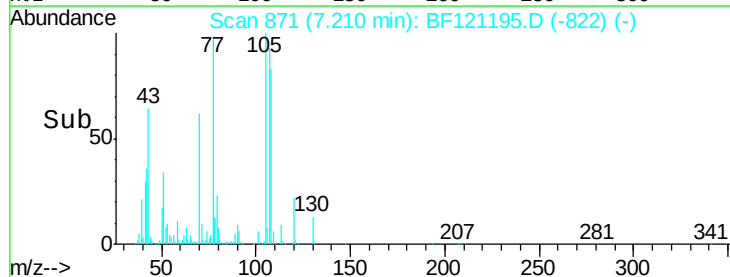
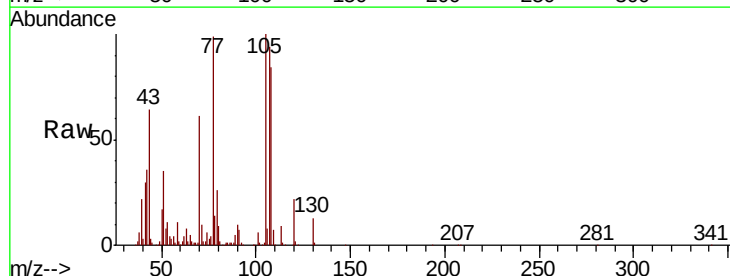
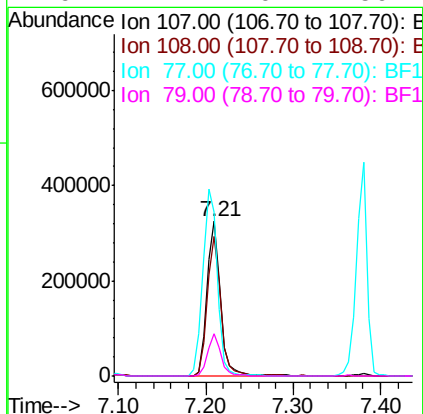
Instrument :
BNA_F
ClientSampleId :
PB130683BS

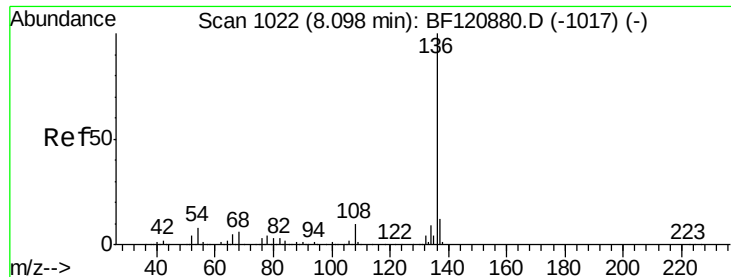
Tot Ion:	70	Resp:	233314
Ion	Ratio	Lower	Upper
70	100		
42	58.8	43.3	64.9
101	10.0	8.4	12.6
130	21.9	18.7	28.1



#20
3+4-Methylphenols
Concen: 35.391 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion:	107	Resp:	347413
Ion	Ratio	Lower	Upper
107	100		
108	90.1	73.7	113.7
77	106.1	84.9	124.9
79	27.7	10.7	50.7

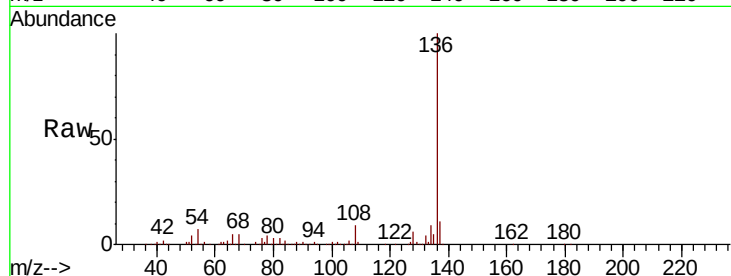




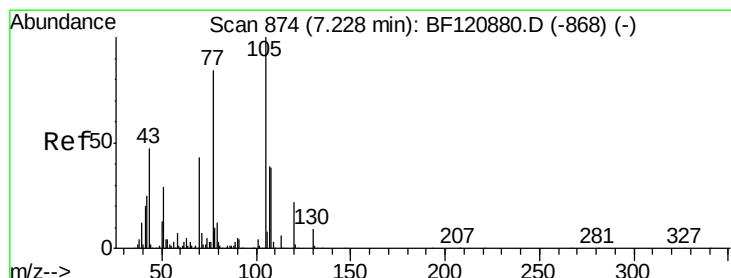
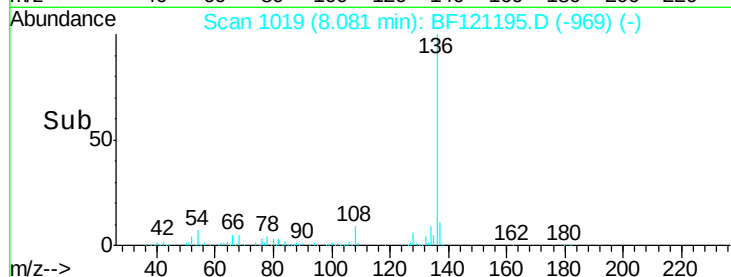
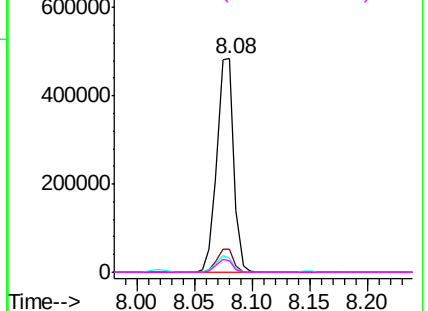
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion:136	Resp:	492339
Ion Ratio	Lower	Upper
136 100		
137 10.6	9.0	13.4
54 6.8	6.1	9.1
68 5.4	5.0	7.6

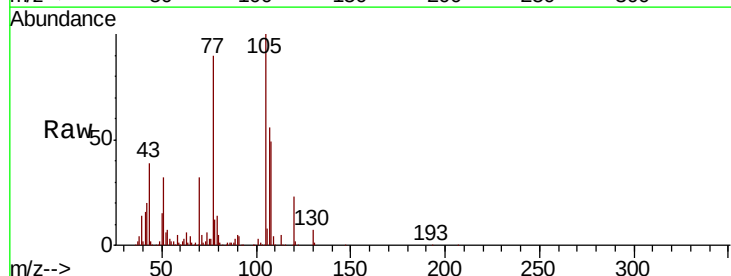


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

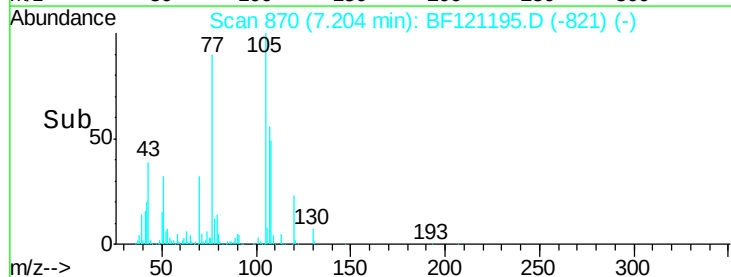
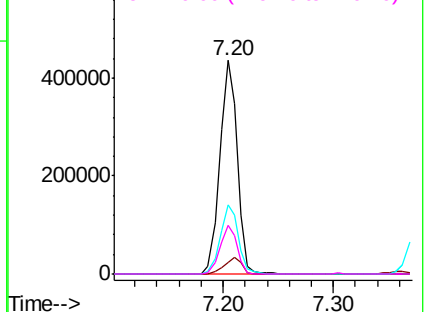


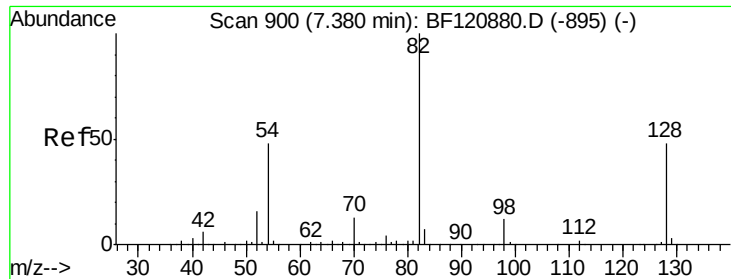
#22
Acetophenone
Concen: 43.240 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt	Ion:105	Resp:	477782
Ion	Ratio	Lower	Upper
105	100		
71	5.4	3.8	5.8
51	32.5	28.0	42.0
120	22.6	17.8	26.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

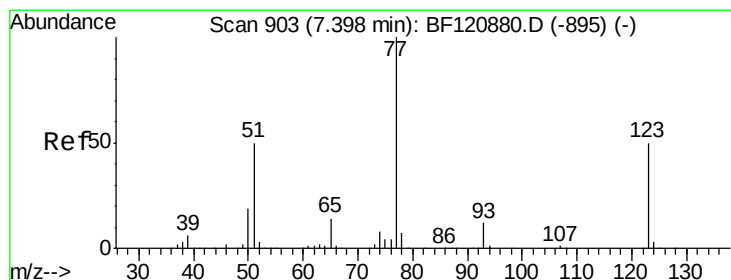
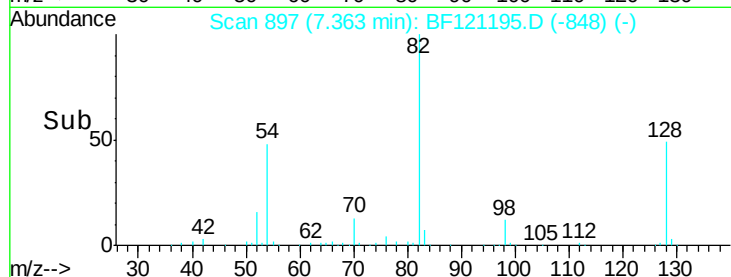
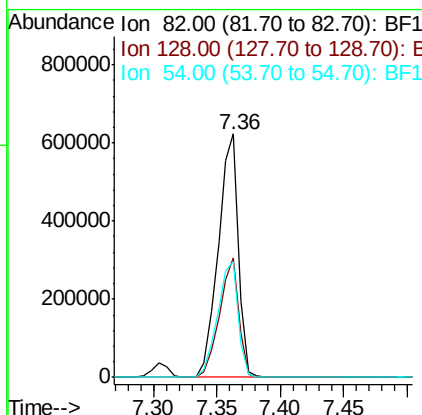
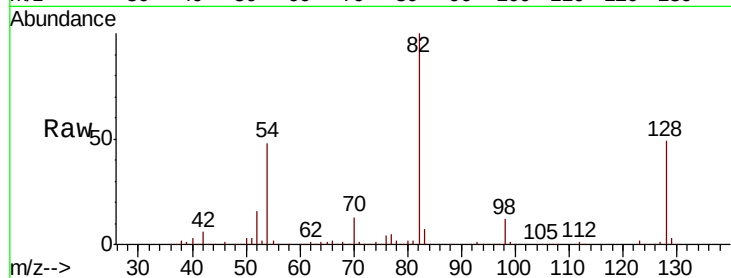




#23
 Nitrobenzene-d5
 Concen: 80.966 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

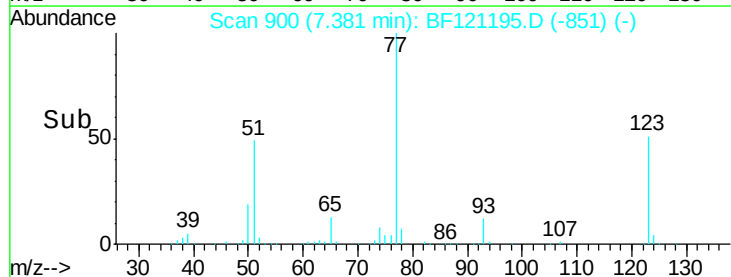
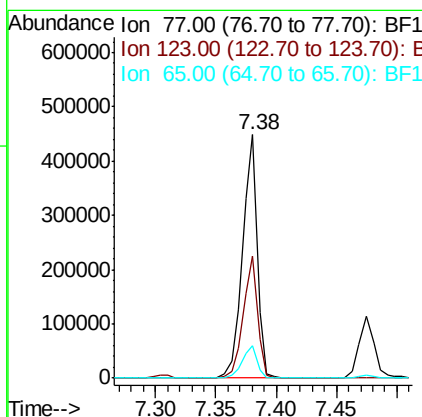
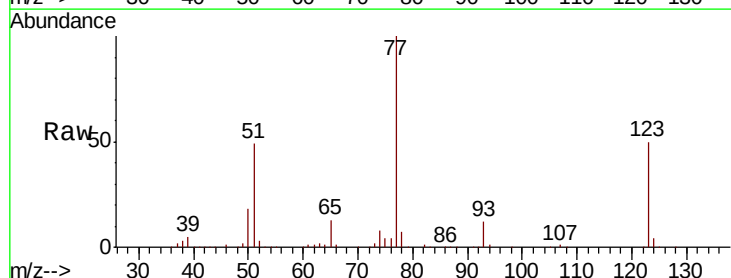
Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

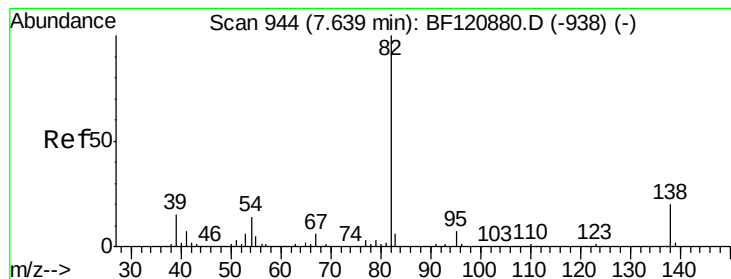
Tot Ion	82	Resp	688917
Ion Ratio	Lower	Upper	
82	100		
128	49.0	39.2	58.8
54	47.6	37.8	56.8



#24
 Nitrobenzene
 Concen: 41.563 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Tgt Ion	77	Resp	381161
Ion Ratio	Lower	Upper	
77	100		
123	50.3	41.0	61.6
65	13.4	10.3	15.5





#25

Isophorone

Concen: 40.753 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

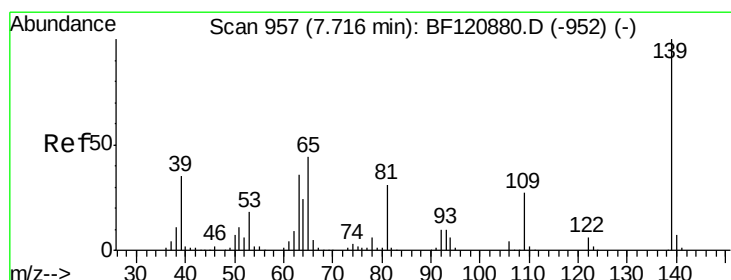
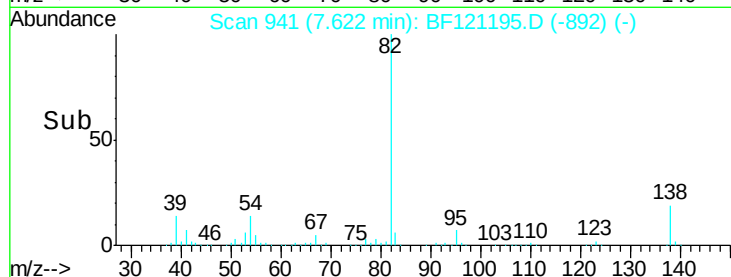
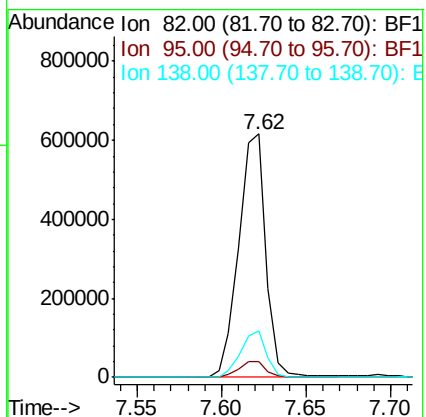
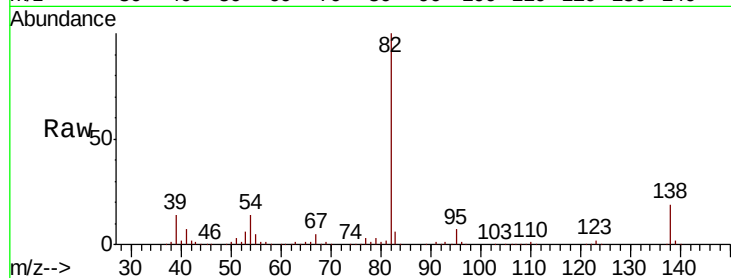
Tot Ion: 82 Resp: 692053

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 19.2 16.2 24.2



#26

2-Nitrophenol

Concen: 46.970 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

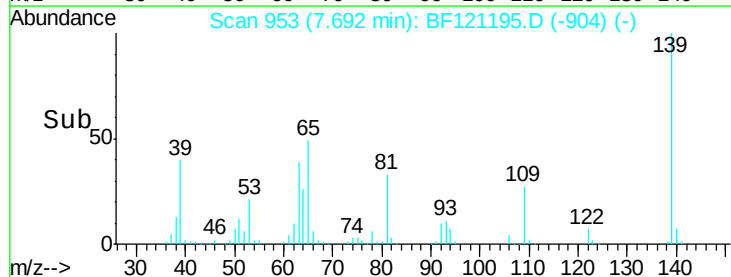
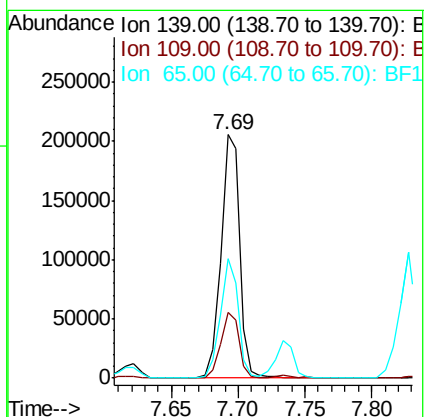
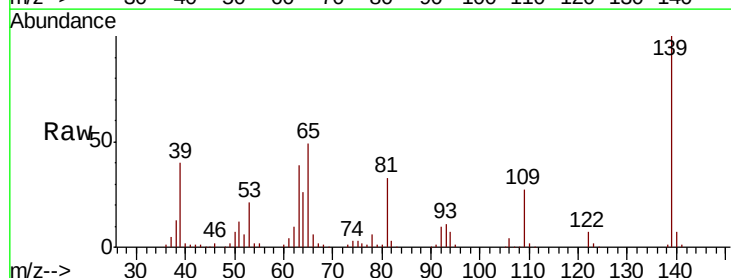
Tgt Ion: 139 Resp: 204577

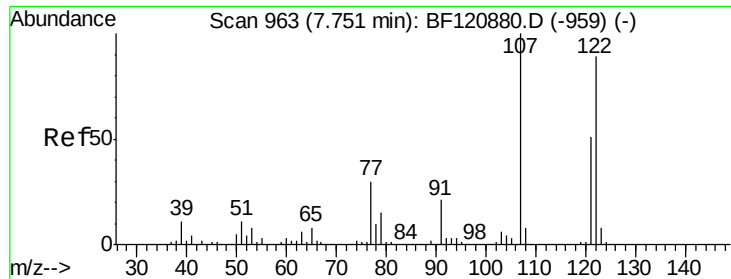
Ion Ratio Lower Upper

139 100

109 27.2 21.7 32.5

65 49.3 36.3 54.5

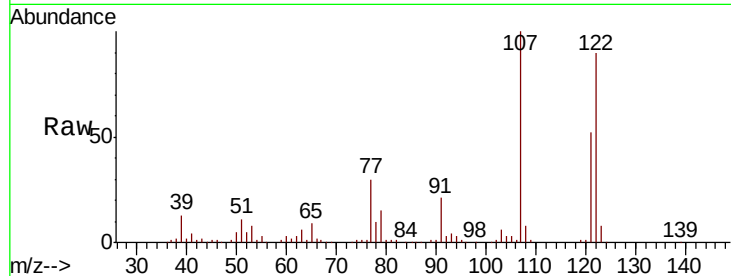




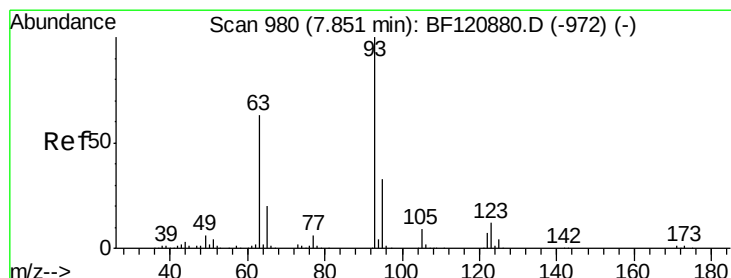
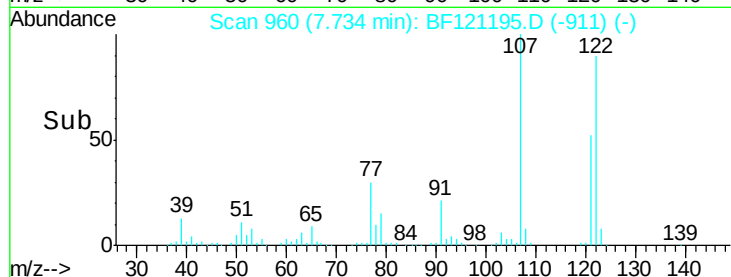
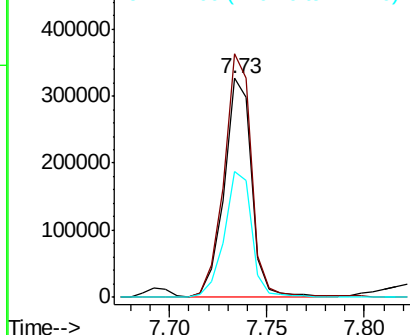
#27
2,4-Dimethylphenol
Concen: 45.114 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	87.1	130.7
121	57.7	45.5	68.3

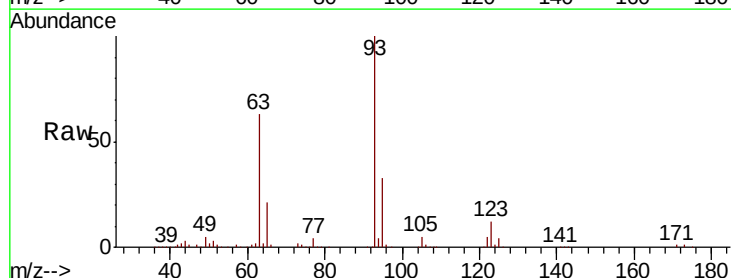


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

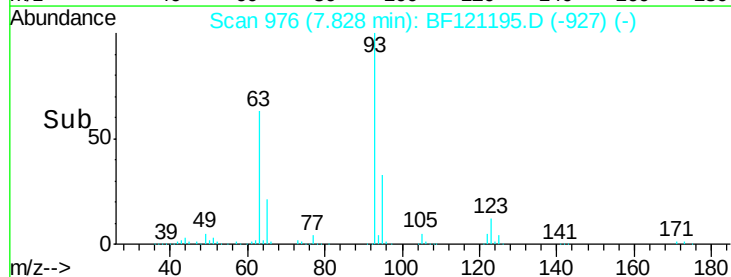
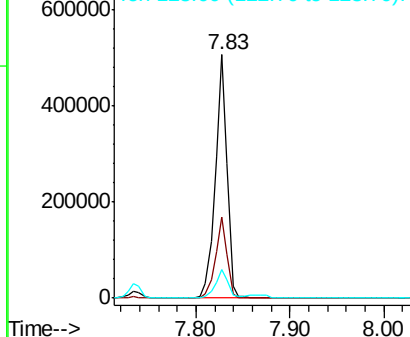


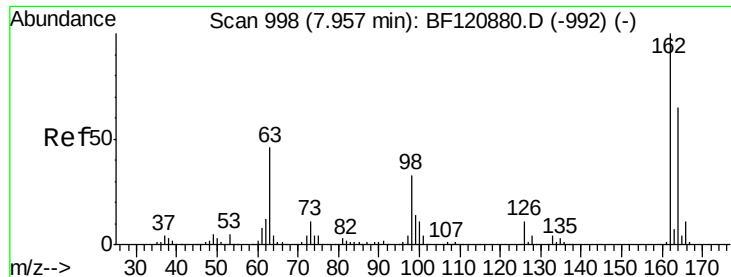
#28
bis(2-Chloroethoxy)methane
Concen: 43.653 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.4
123	11.7	9.5	14.3



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

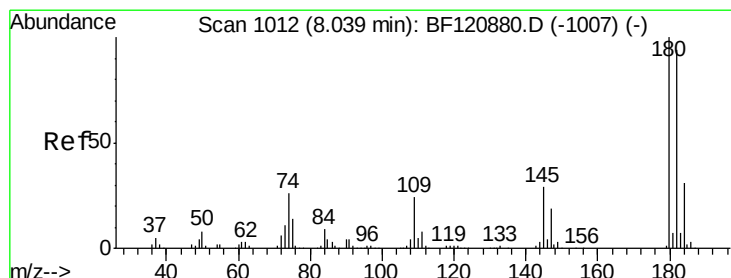
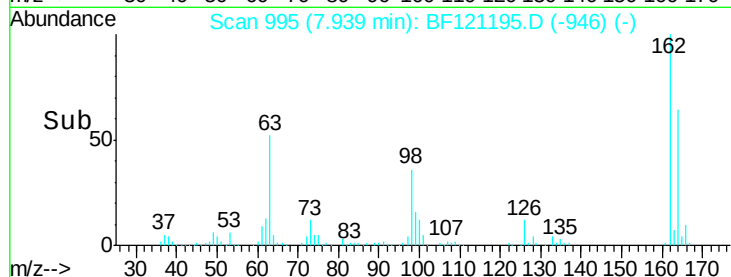
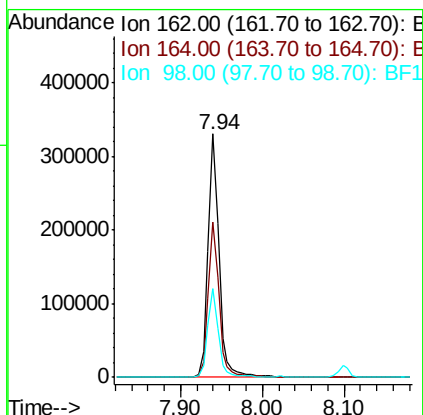
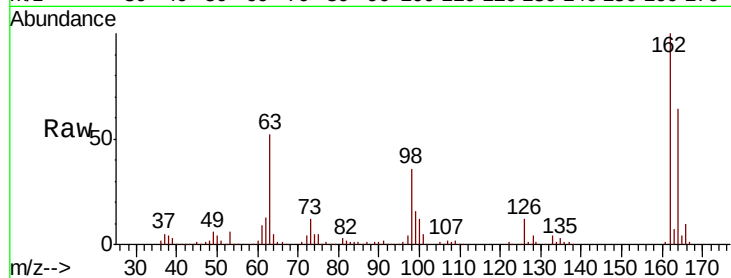




#29
2,4-Dichlorophenol
Concen: 42.662 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

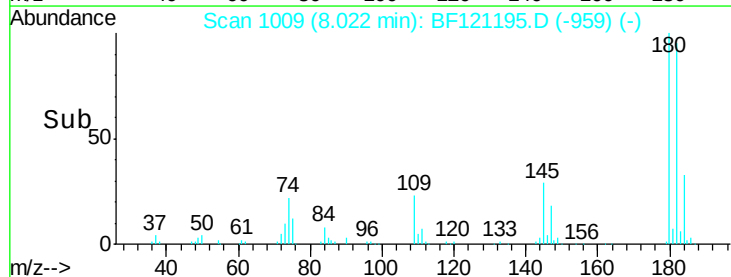
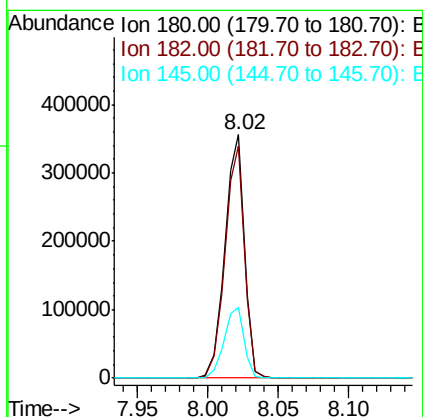
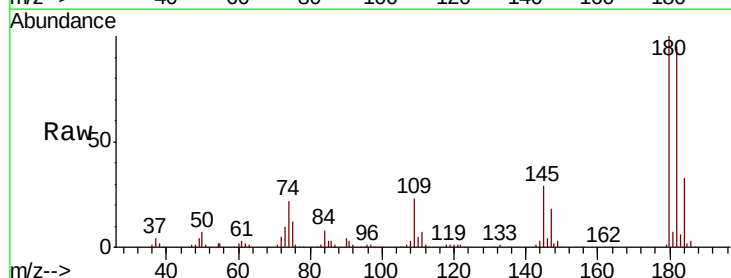
Instrument :
BNA_F
ClientSampleId :
PB130683BS

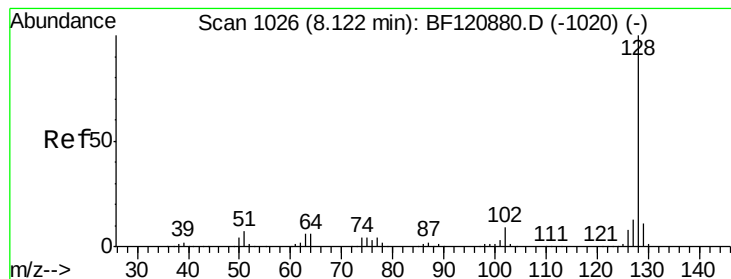
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.7	84.7
98	36.4	14.2	54.2



#30
1,2,4-Trichlorobenzene
Concen: 42.451 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.4	114.6
145	29.0	24.2	36.4





#31

Naphthalene

Concen: 41.546 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

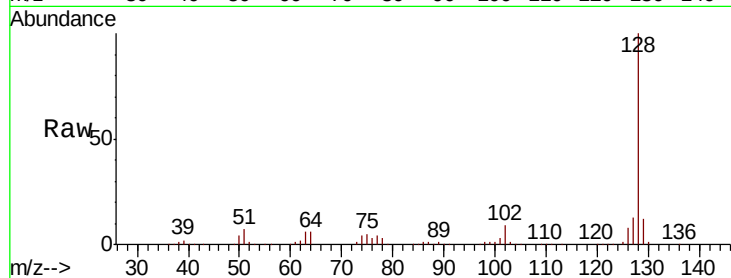
Tot Ion:128 Resp: 1049227

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

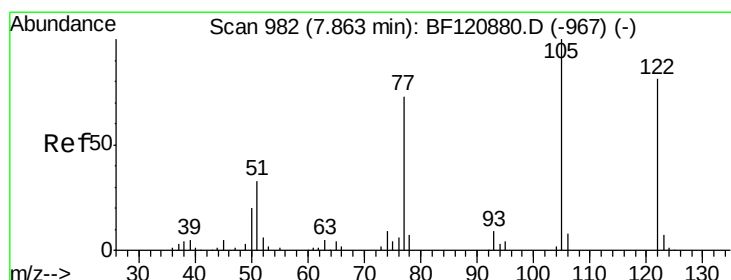
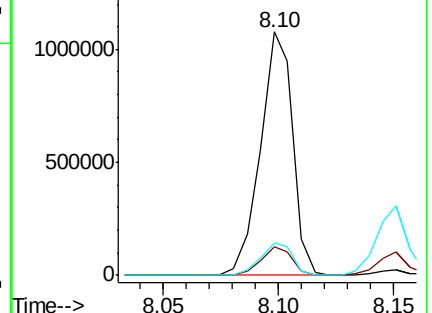
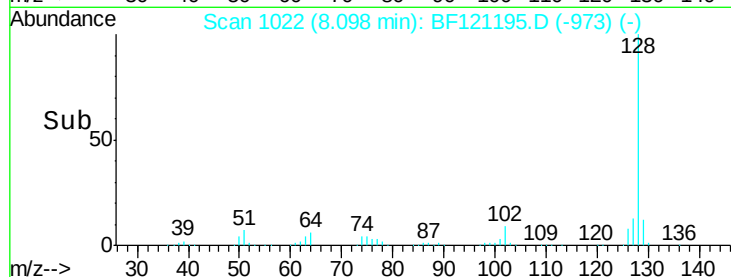
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.610 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

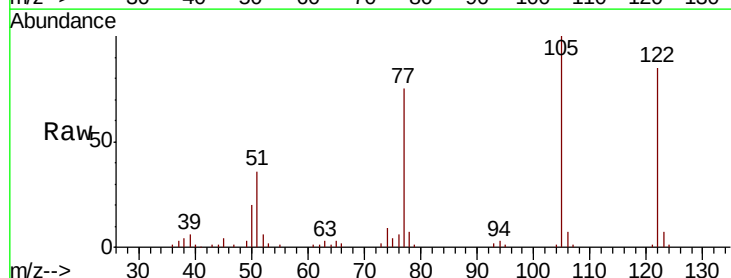
Tgt Ion:122 Resp: 199648

Ion Ratio Lower Upper

122 100

105 117.6 100.9 140.9

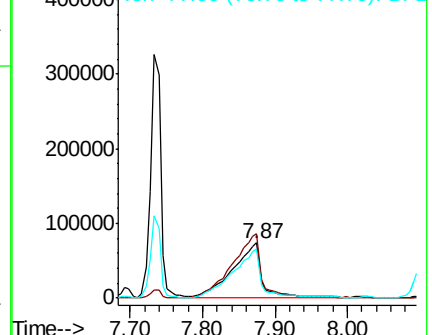
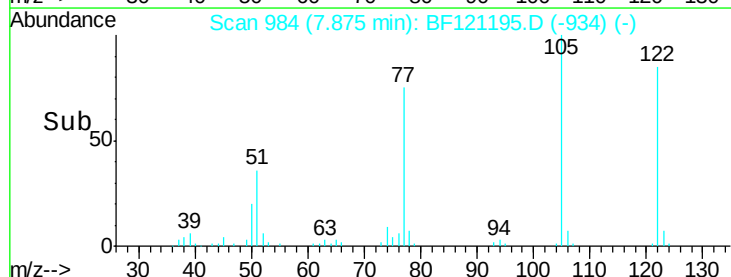
77 88.4 67.8 107.8

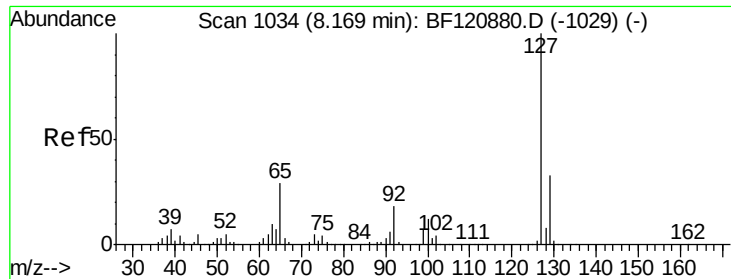


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

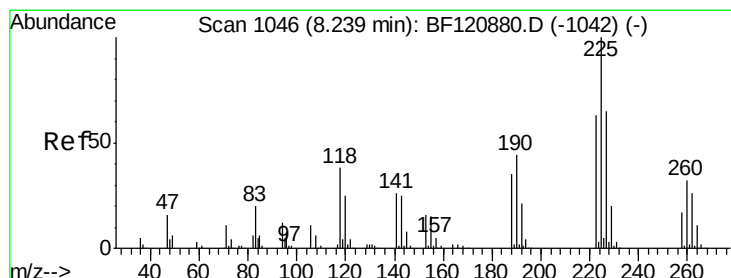
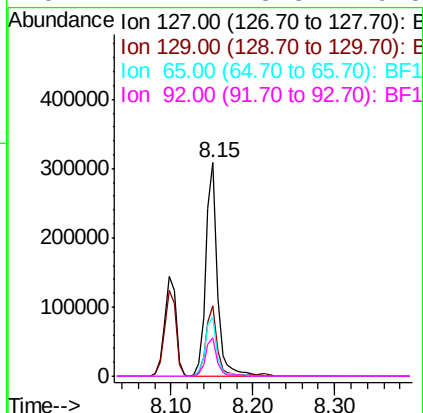
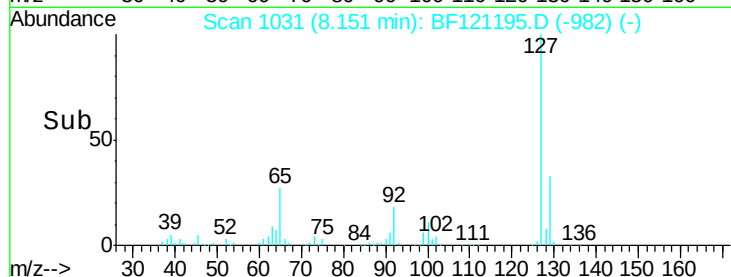
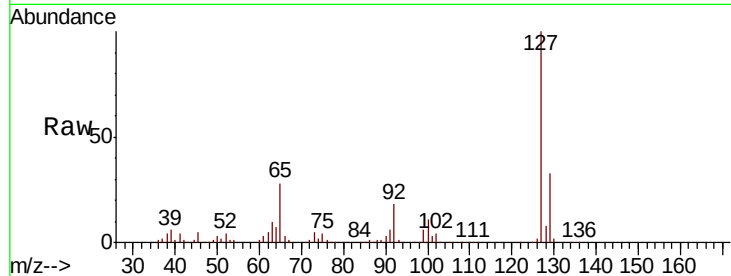




#33
4-Chloroaniline
Concen: 26.977 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

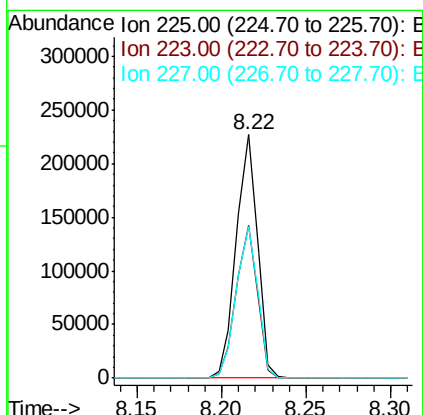
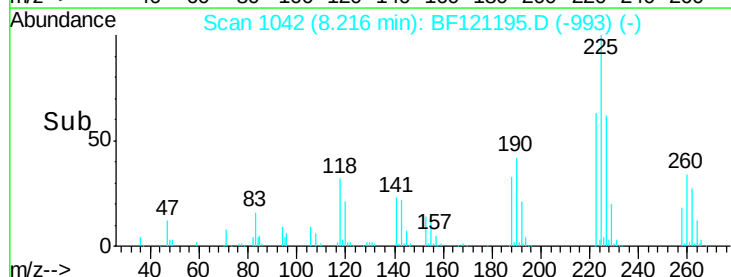
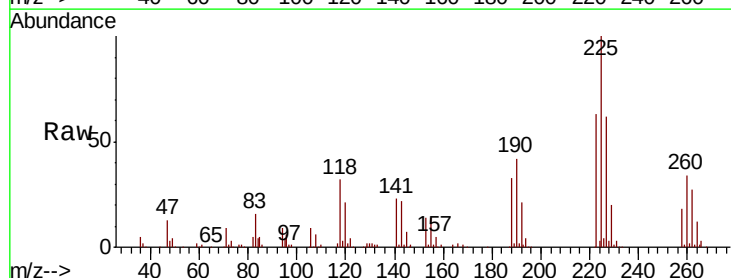
Instrument :
BNA_F
ClientSampleId :
PB130683BS

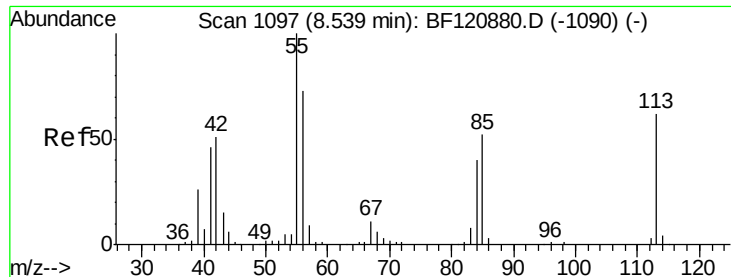
Tot Ion:	127	Resp:	303921
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.2	39.2
65	27.8	21.4	32.0
92	17.7	13.8	20.8



#34
Hexachlorobutadiene
Concen: 42.197 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion:	225	Resp:	199429
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	62.4	51.4	77.0

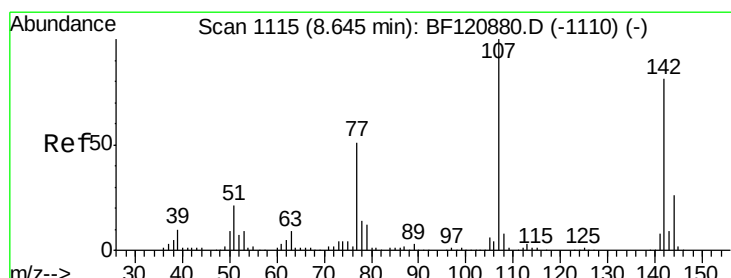
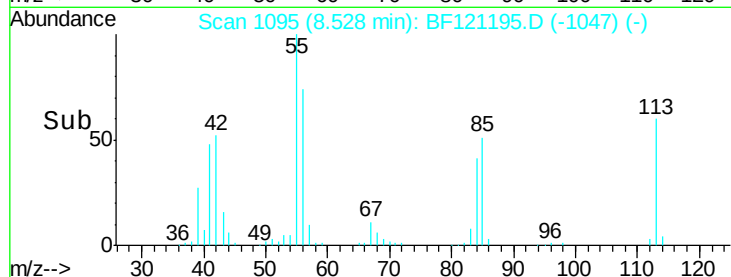
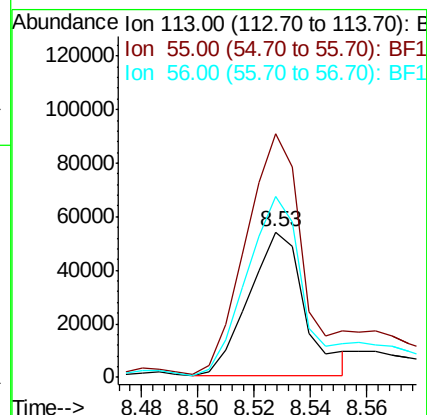
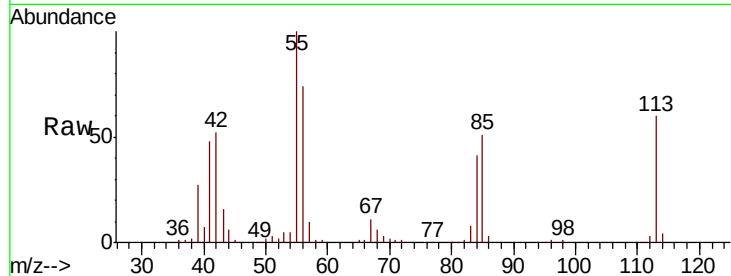




#35
 Caprolactam
 Concen: 31.634 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

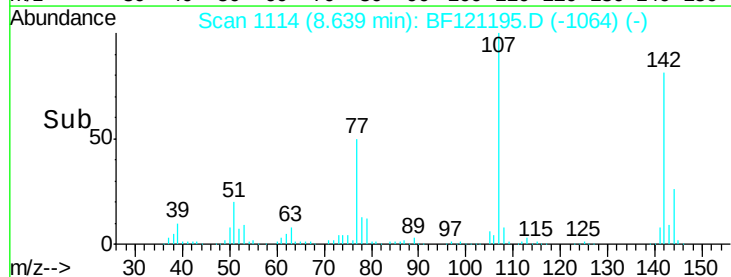
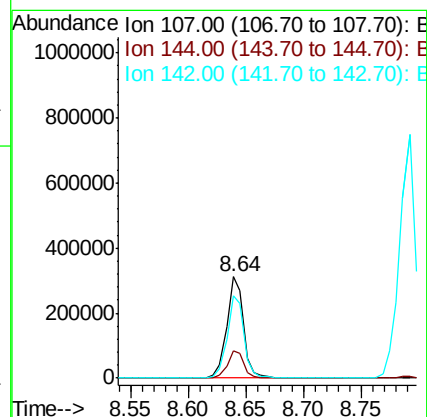
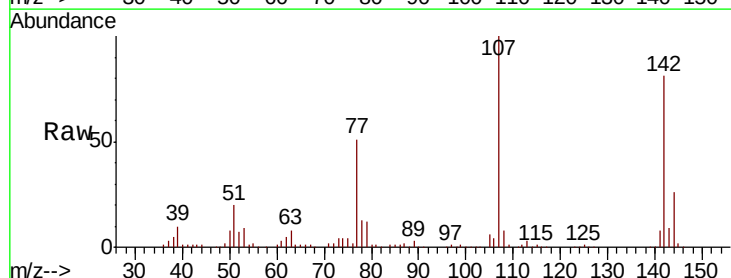
Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

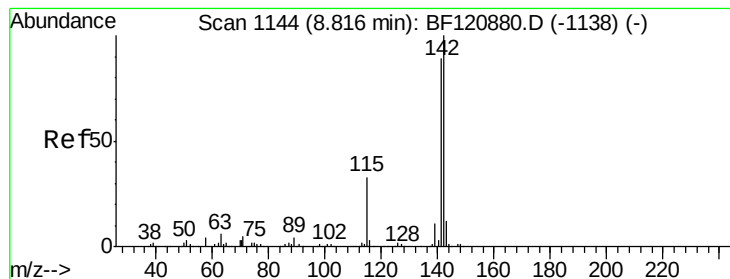
Tot Ion:113 Resp: 73305
 Ion Ratio Lower Upper
 113 100
 55 167.2 131.0 171.0
 56 124.1 90.4 130.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.506 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Tgt Ion:107 Resp: 315012
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.9 31.3
 142 80.9 64.5 96.7





#37

2-Methylnaphthalene

Concen: 43.308 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

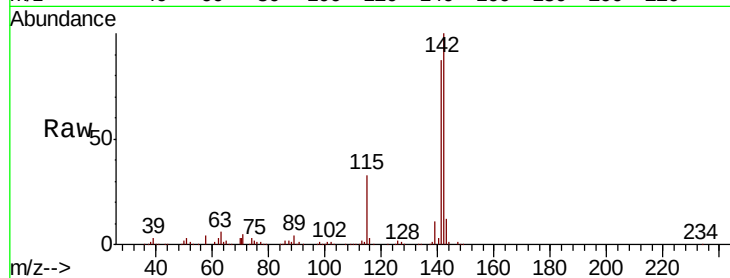
Tot Ion:142 Resp: 710165

Ion Ratio Lower Upper

142 100

141 87.1 70.6 105.8

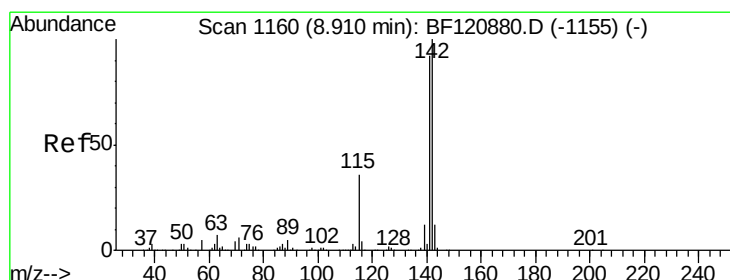
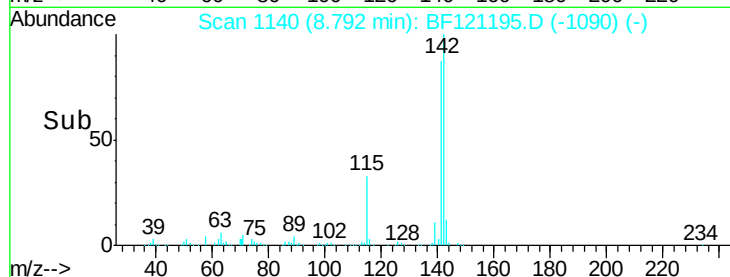
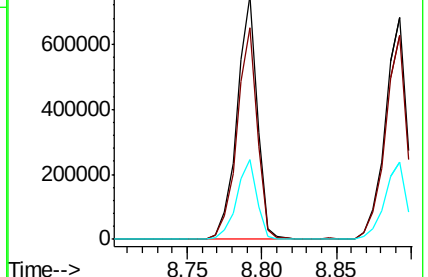
115 33.0 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.840 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

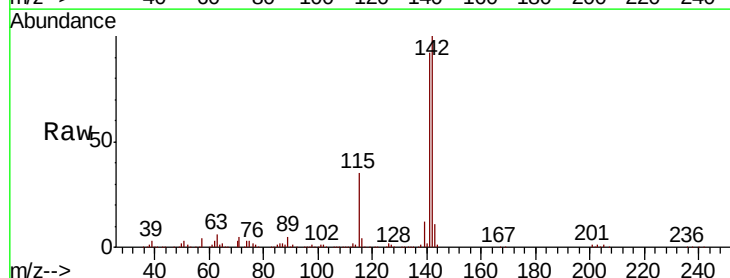
Tgt Ion:142 Resp: 665331

Ion Ratio Lower Upper

142 100

141 92.1 73.0 109.6

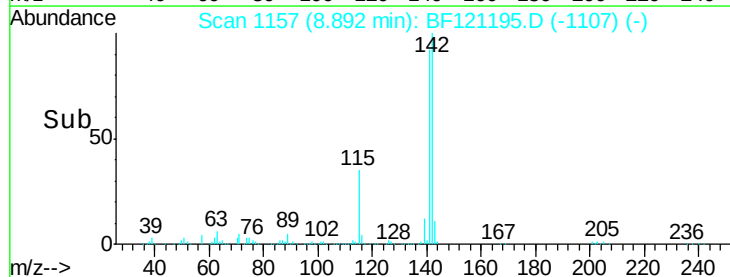
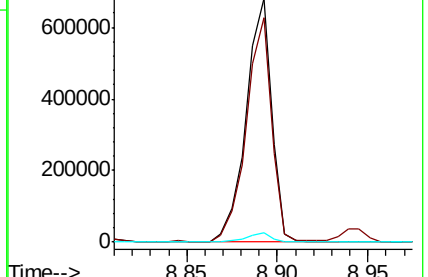
116 3.6 3.0 4.6

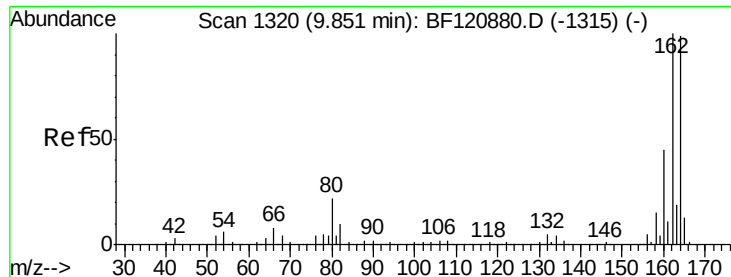


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

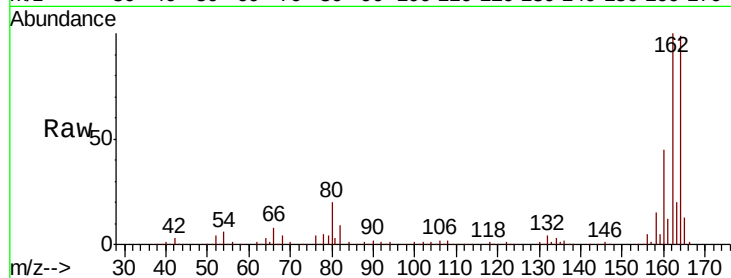
Tot Ion:164 Resp: 246653

Ion Ratio Lower Upper

164 100

162 101.1 82.2 123.2

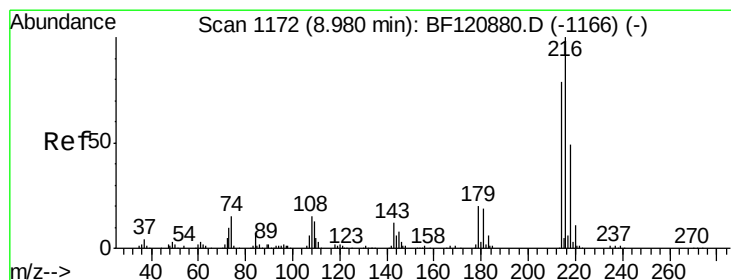
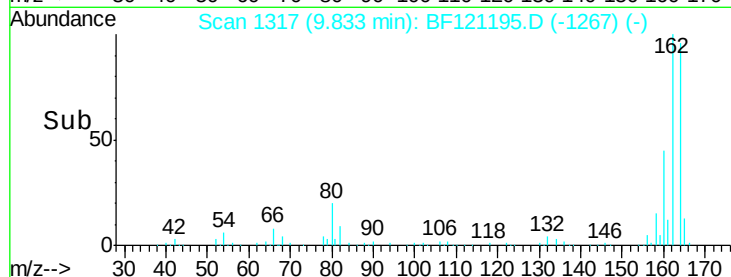
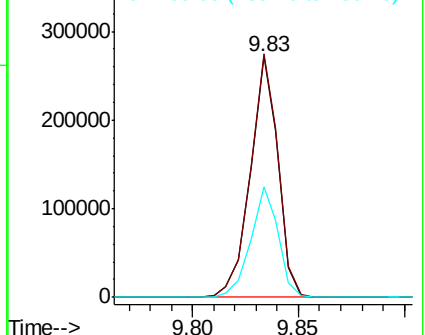
160 45.7 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.740 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Tgt Ion:216 Resp: 328706

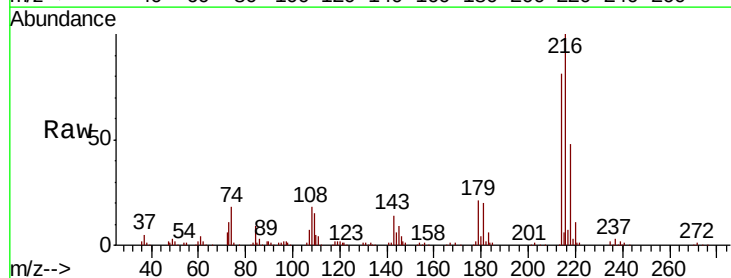
Ion Ratio Lower Upper

216 100

214 79.7 63.9 95.9

179 20.6 16.6 24.8

108 19.8 15.0 22.4

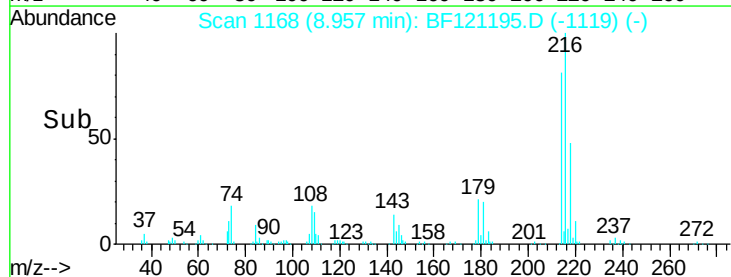
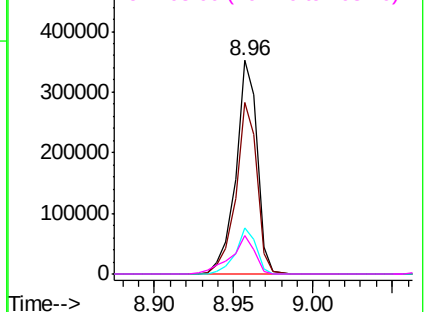


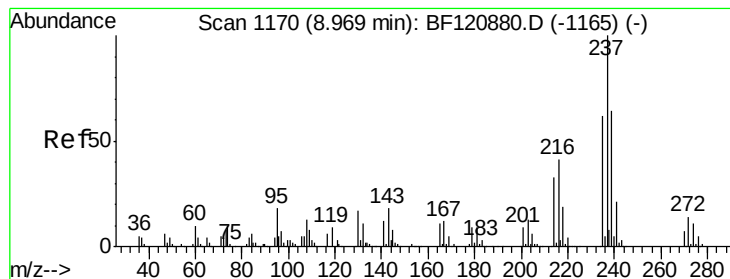
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 80.476 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

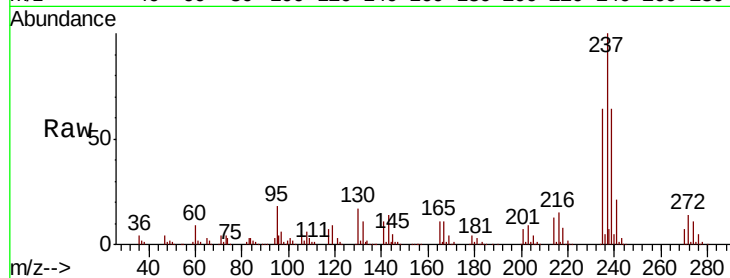
Tot Ion:237 Resp: 319635

Ion Ratio Lower Upper

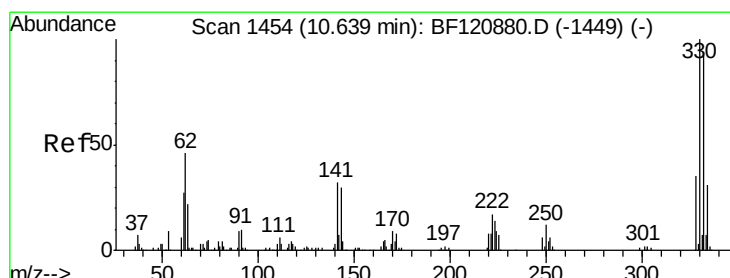
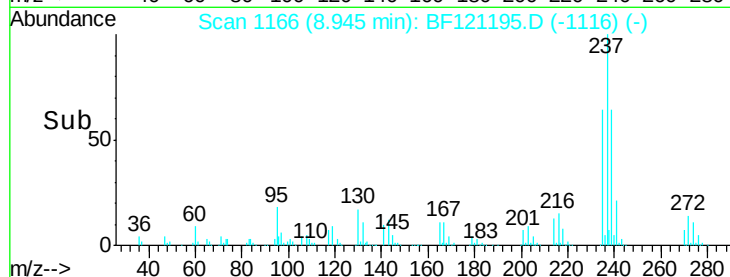
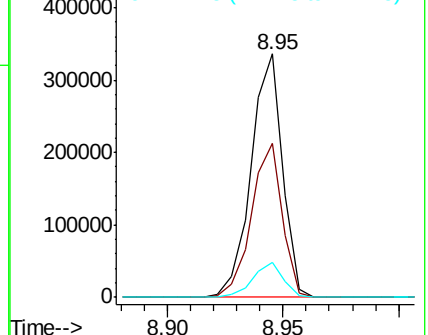
237 100

235 63.5 43.2 83.2

272 14.2 0.0 33.6



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



#42

2,4,6-Tribromophenol

Concen: 109.091 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

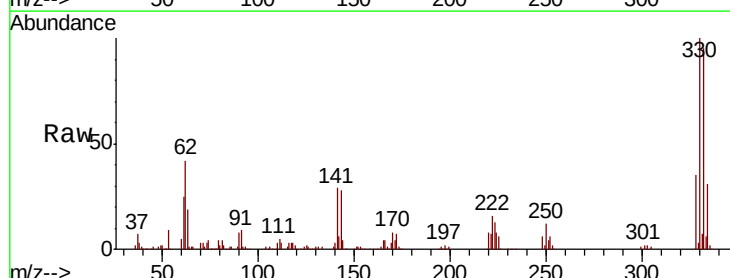
Tgt Ion:330 Resp: 294531

Ion Ratio Lower Upper

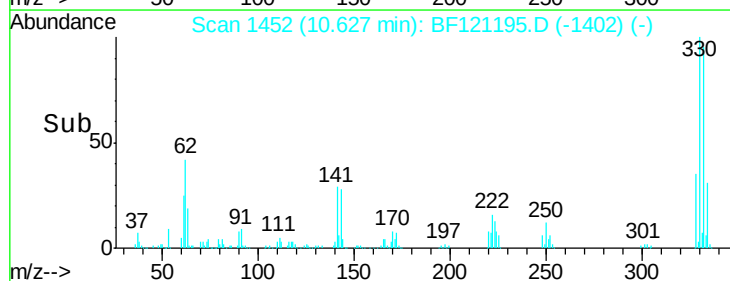
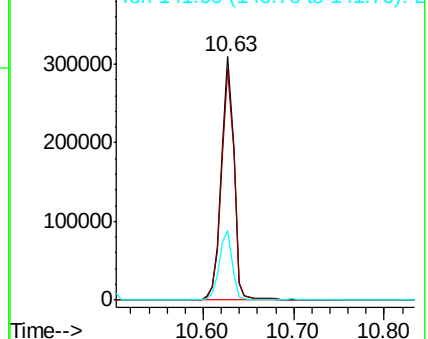
330 100

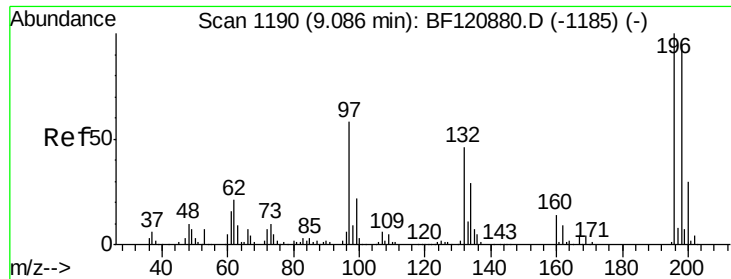
332 95.7 76.1 114.1

141 29.7 24.1 36.1



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

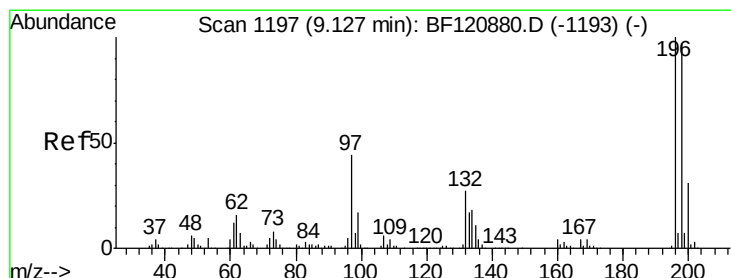
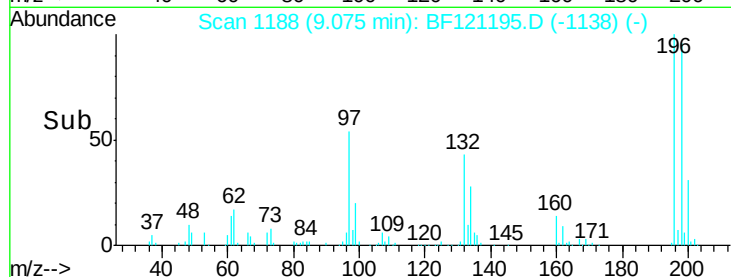
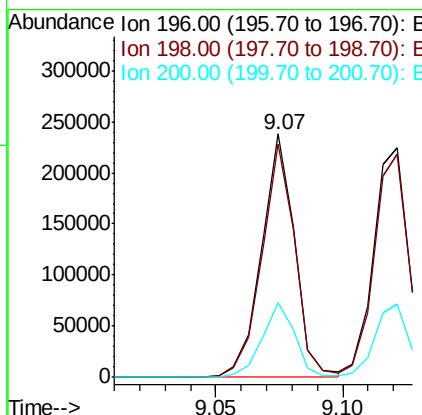
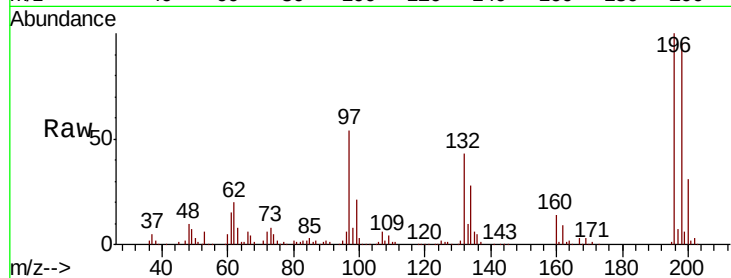




#43
 2,4,6-Trichlorophenol
 Concen: 43.185 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

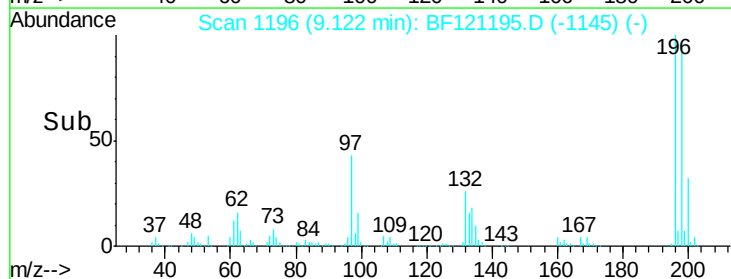
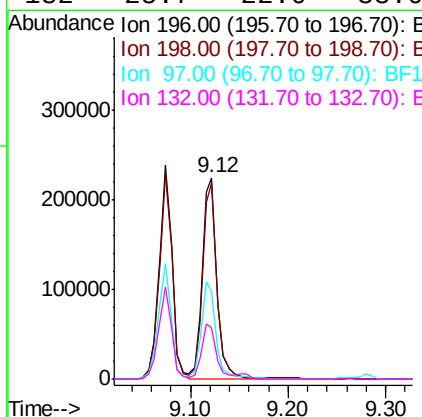
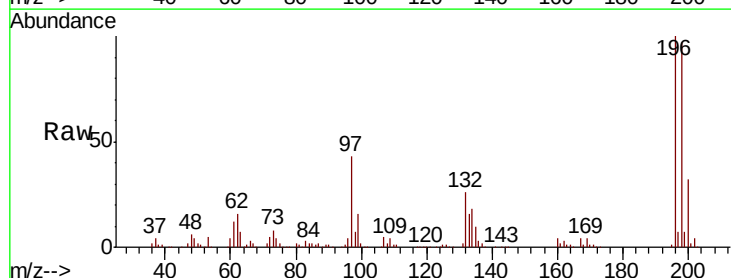
Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

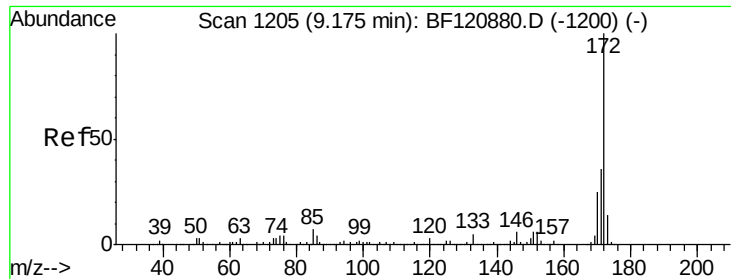
Tot Ion:196 Resp: 218509
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.5 116.3
 200 30.9 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.316 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Tgt Ion:196 Resp: 231396
 Ion Ratio Lower Upper
 196 100
 198 97.4 76.2 114.4
 97 43.3 37.3 55.9
 132 25.7 22.0 33.0



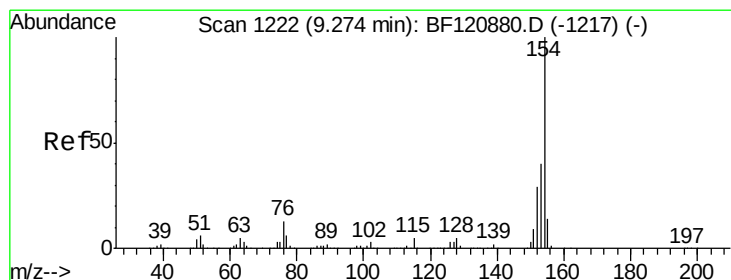
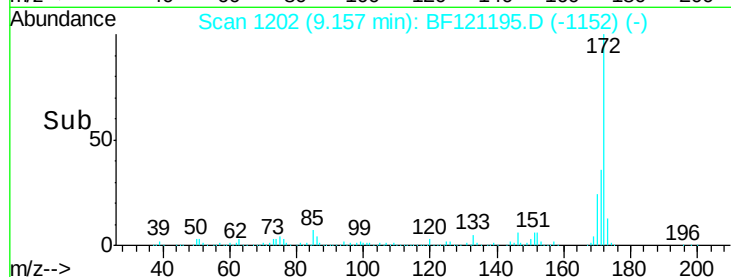
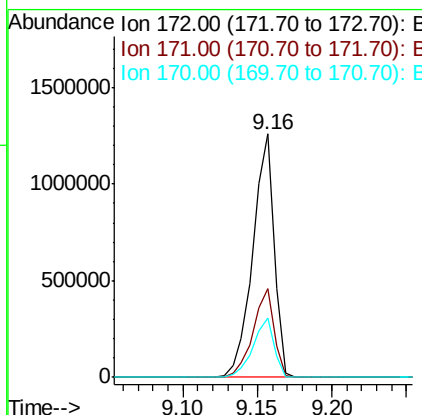
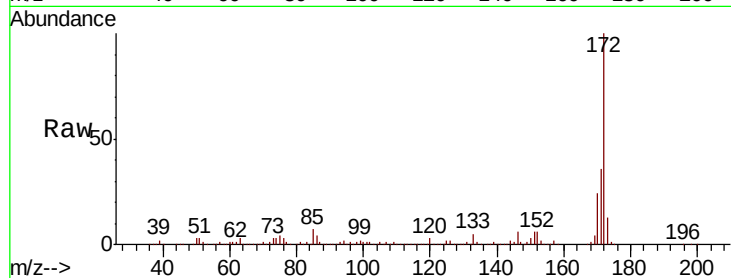


#45
 2-Fluorobiphenyl
 Concen: 75.021 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion:172 Resp: 1239357

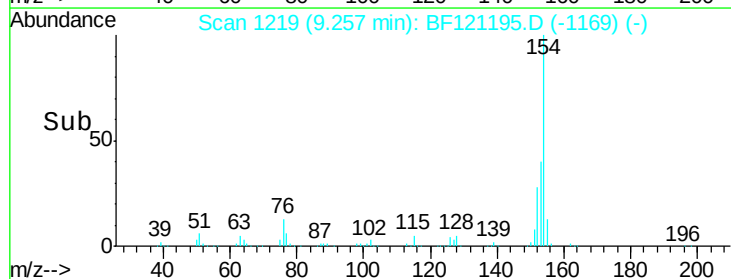
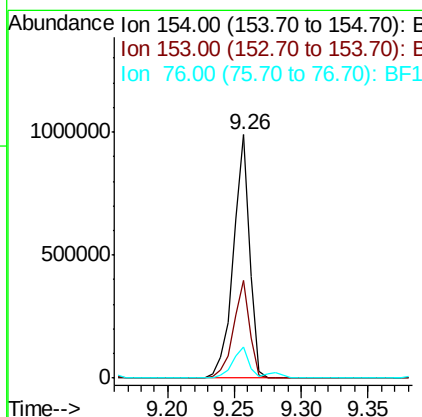
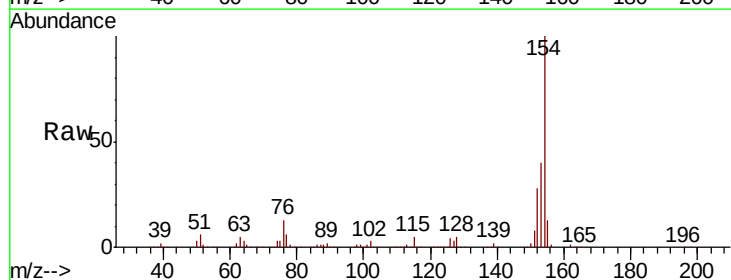
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.5	19.6	29.4

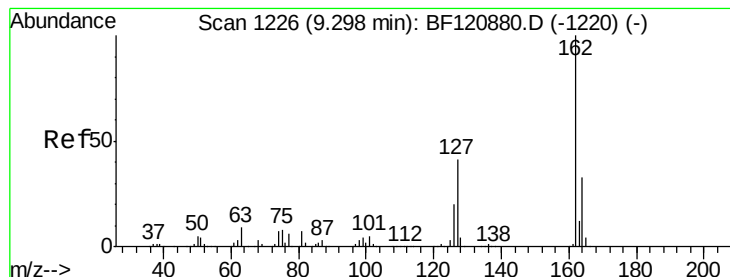


#46
 1,1'-Biphenyl
 Concen: 45.150 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Tgt Ion:154 Resp: 849478

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	12.7	0.0	33.4





#47

2-Chloronaphthalene

Concen: 42.389 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

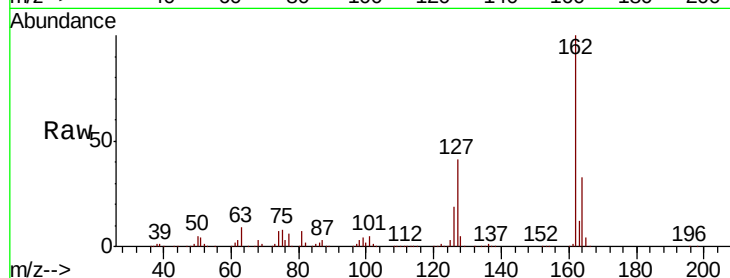
Tot Ion:162 Resp: 650242

Ion Ratio Lower Upper

162 100

127 40.6 31.1 46.7

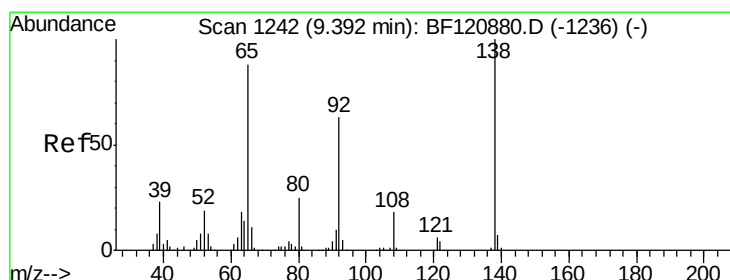
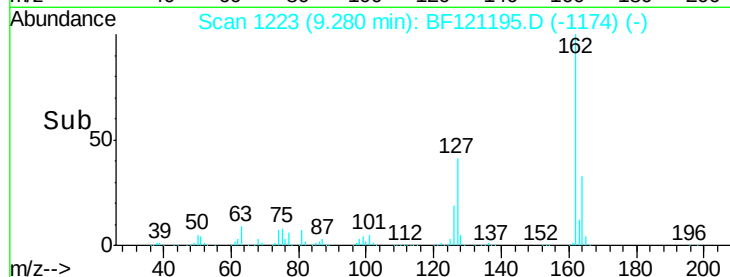
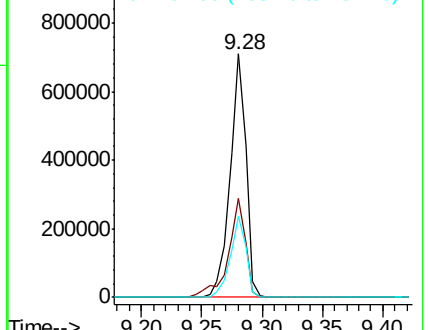
164 33.2 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.322 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

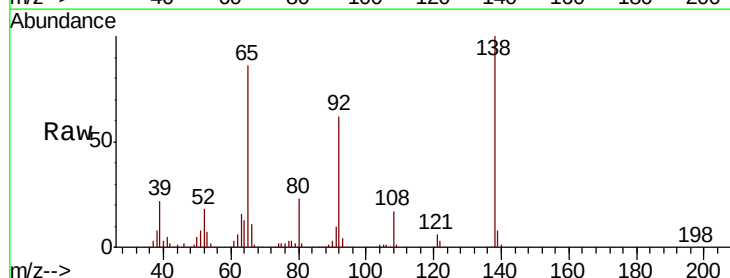
Tgt Ion: 65 Resp: 196192

Ion Ratio Lower Upper

65 100

92 71.3 58.0 87.0

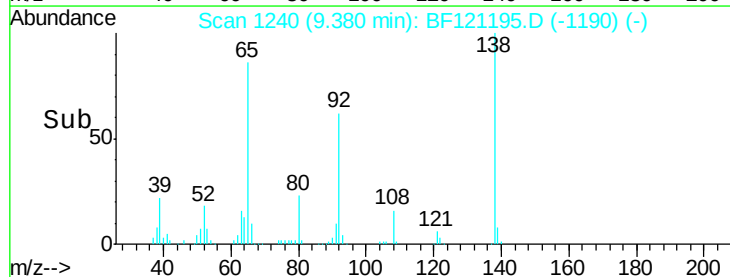
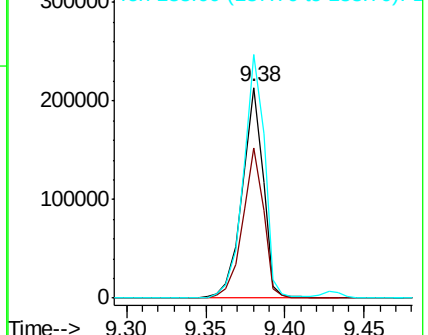
138 115.6 93.3 139.9

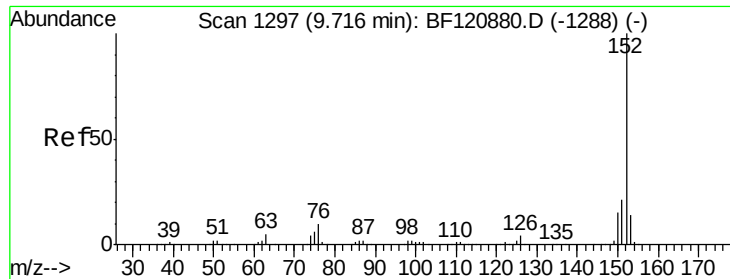


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.145 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

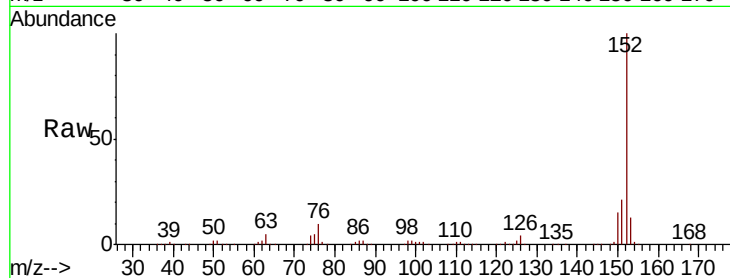
Tot Ion:152 Resp: 1028177

Ion Ratio Lower Upper

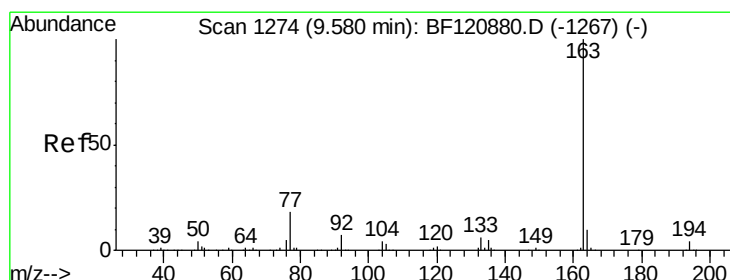
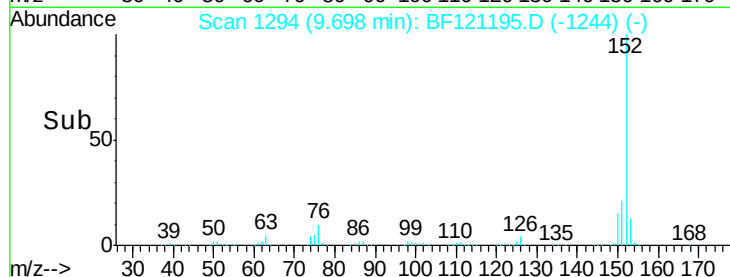
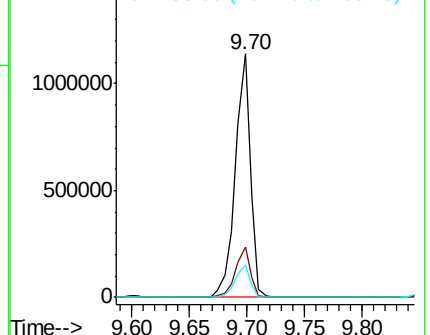
152 100

151 20.6 16.6 25.0

153 13.5 11.0 16.4



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



#50

Dimethylphthalate

Concen: 42.805 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

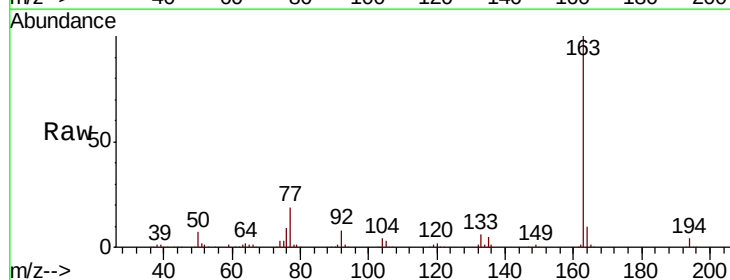
Tgt Ion:163 Resp: 761688

Ion Ratio Lower Upper

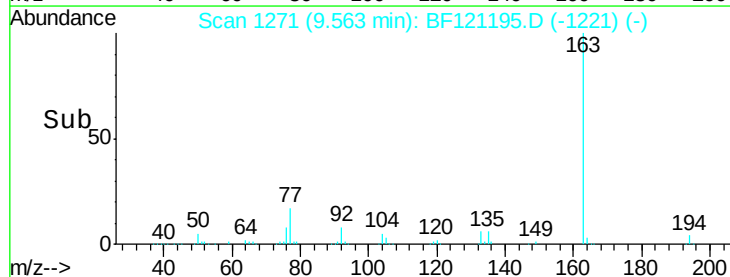
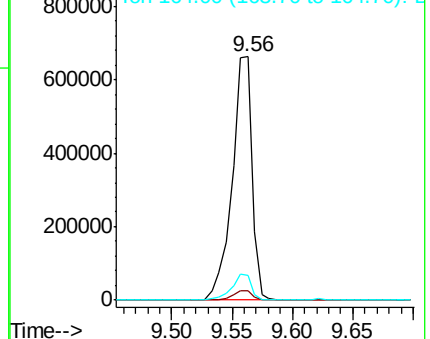
163 100

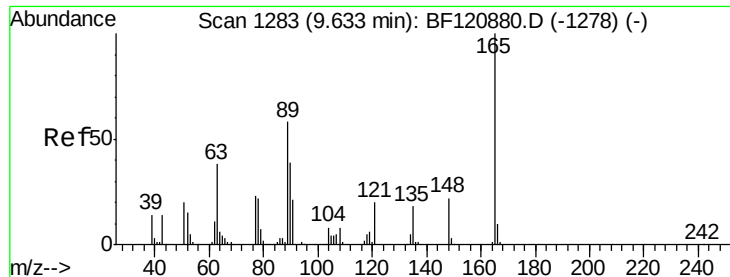
194 4.0 3.0 4.4

164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.749 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

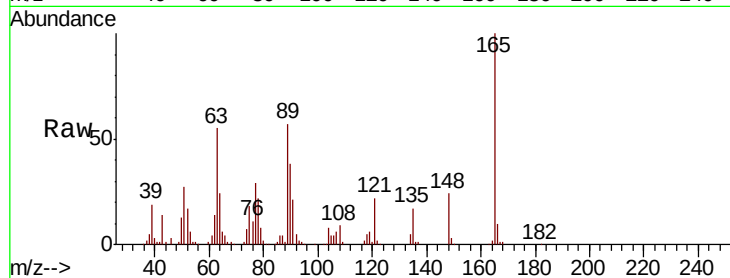
Tot Ion:165 Resp: 167253

Ion Ratio Lower Upper

165 100

63 54.7 41.1 61.7

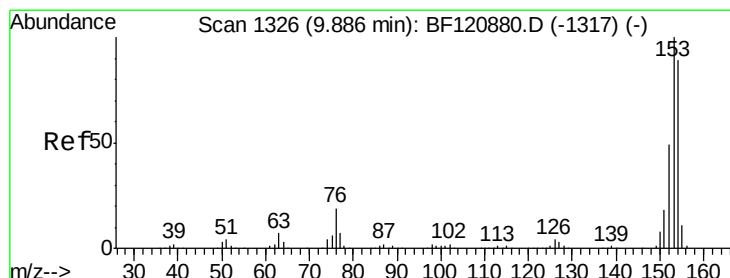
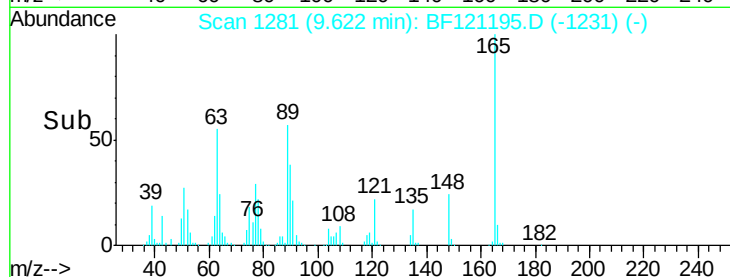
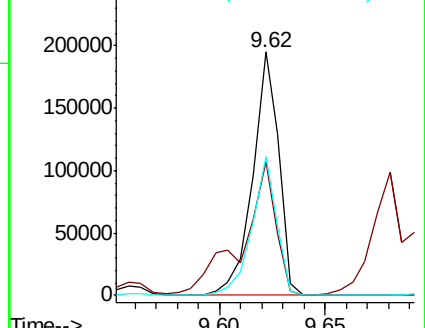
89 56.8 43.5 65.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.315 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

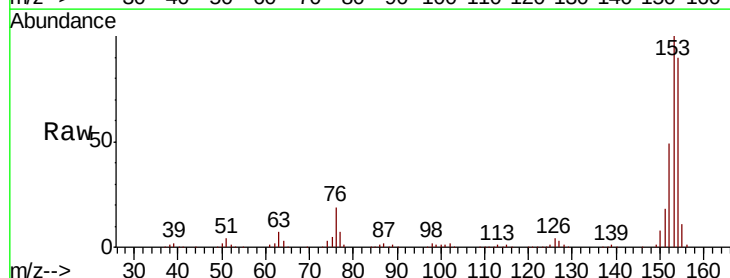
Tgt Ion:154 Resp: 595646

Ion Ratio Lower Upper

154 100

153 111.4 89.6 134.4

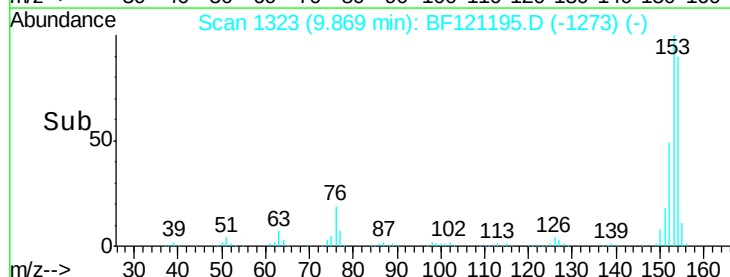
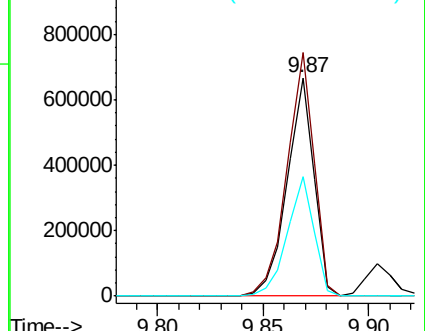
152 54.4 43.8 65.6

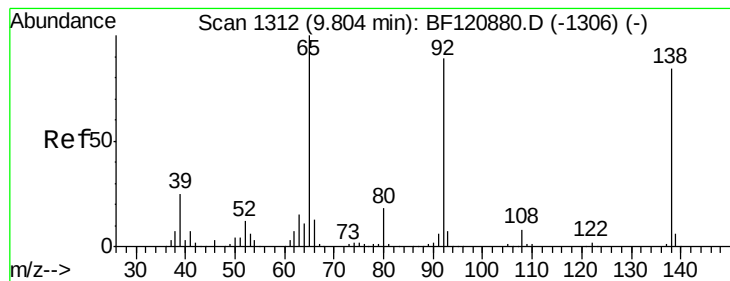


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 26.653 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

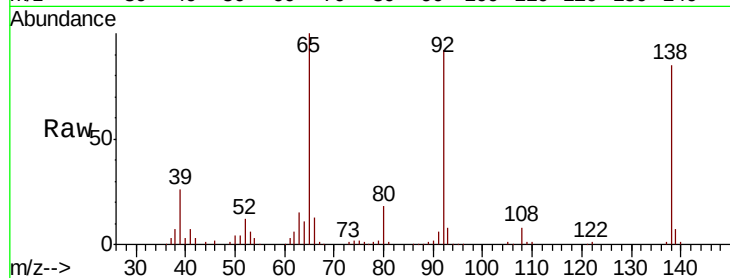
Tot Ion:138 Resp: 127795

Ion Ratio Lower Upper

138 100

108 10.0 7.8 11.8

92 109.3 85.0 127.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

200000

150000

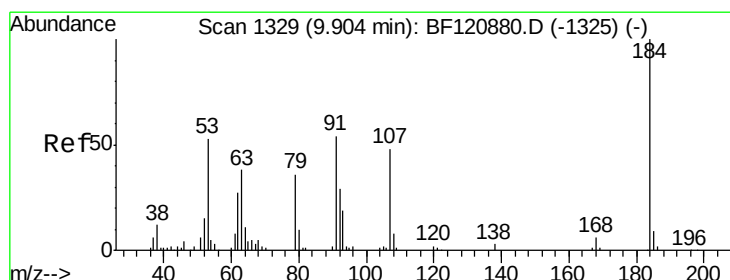
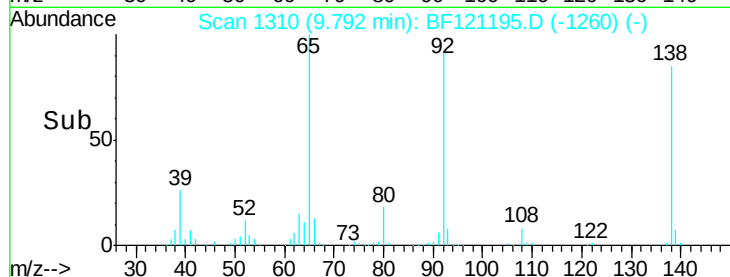
100000

50000

0

9.75 9.80 9.85

Time-->



#54

2,4-Dinitrophenol

Concen: 74.880 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

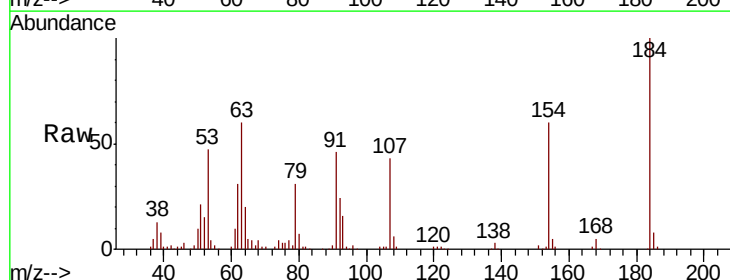
Tgt Ion:184 Resp: 163721

Ion Ratio Lower Upper

184 100

63 60.3 42.5 63.7

154 59.7 46.8 70.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

800000

600000

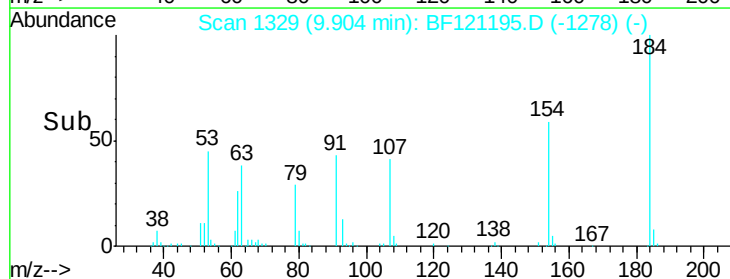
400000

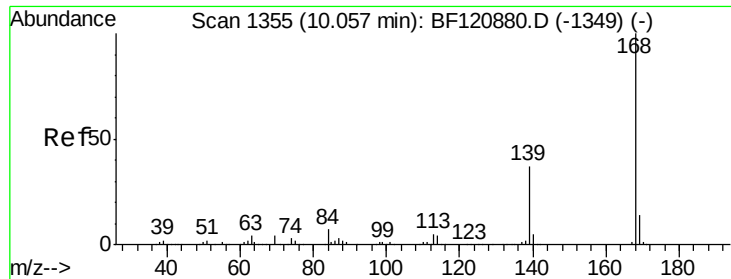
200000

0

9.85 9.90 9.95

Time-->

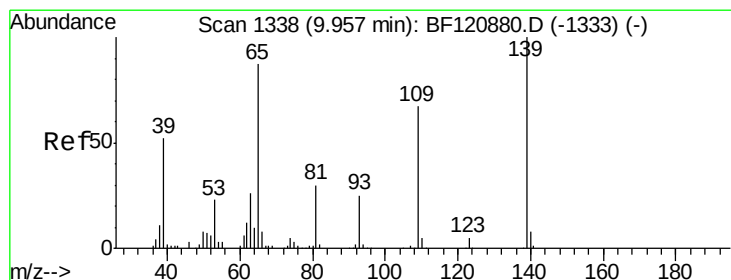
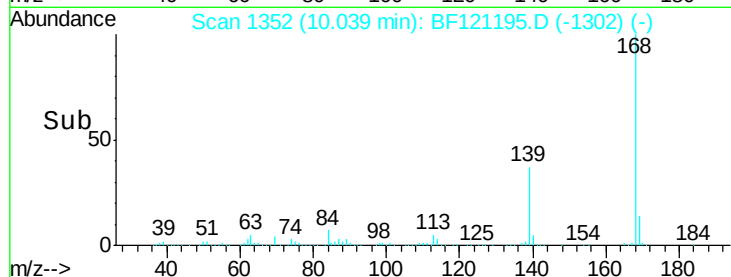
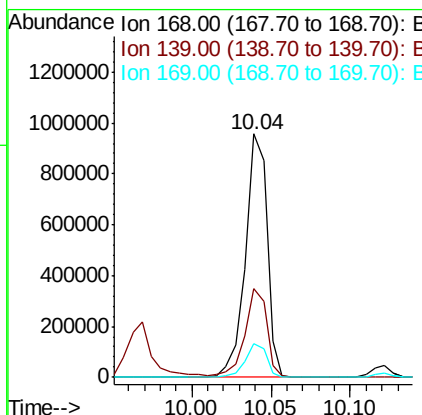
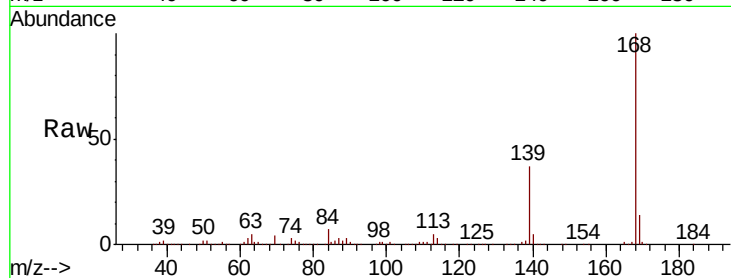




#55
Dibenzofuran
Concen: 41.303 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

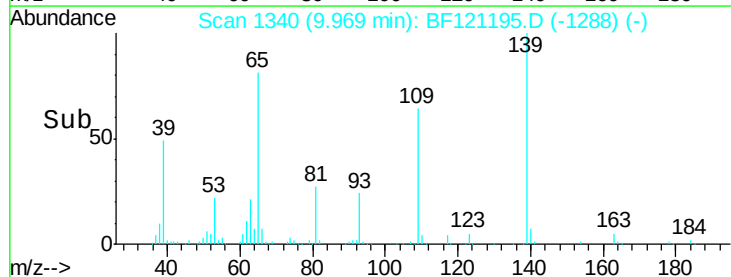
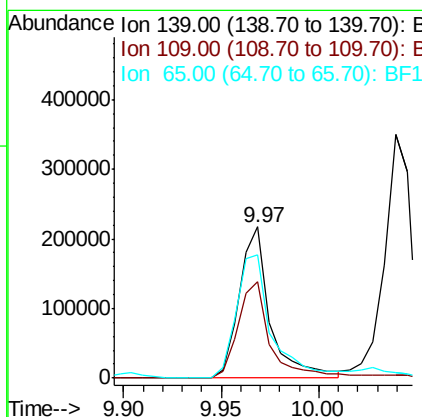
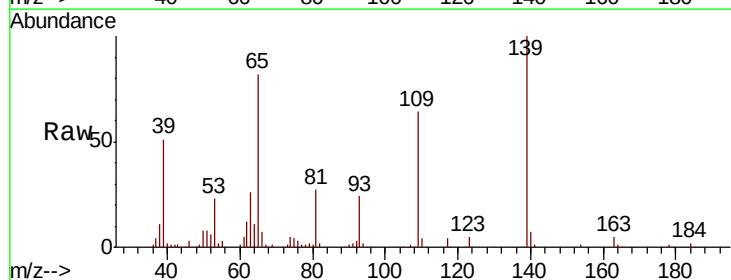
Instrument :
BNA_F
ClientSampleId :
PB130683BS

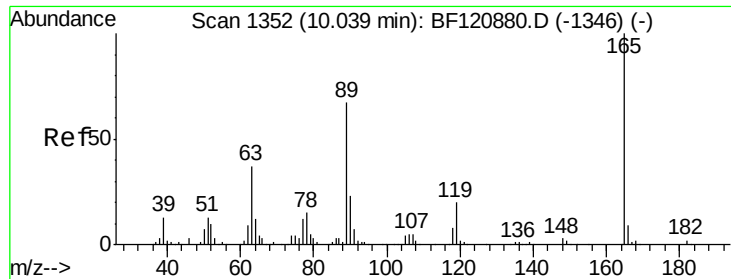
Tot Ion:168 Resp: 904938
Ion Ratio Lower Upper
168 100
139 36.5 30.1 45.1
169 13.8 11.3 16.9



#56
4-Nitrophenol
Concen: 65.753 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion:139 Resp: 239486
Ion Ratio Lower Upper
139 100
109 64.0 44.8 84.8
65 81.7 65.6 105.6

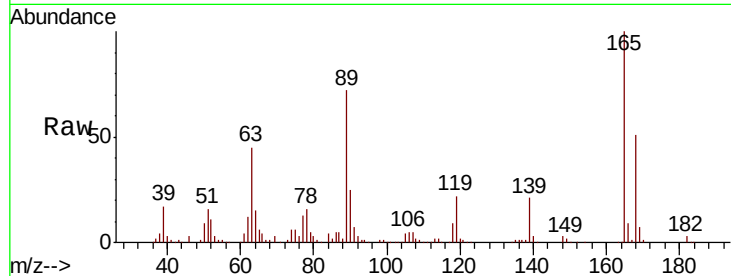




#57
 2,4-Dinitrotoluene
 Concen: 43.043 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.2	29.8	44.8#
89	71.7	50.3	75.5
182	2.5	2.1	3.1

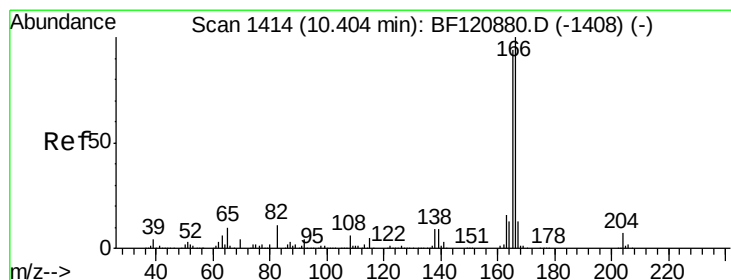
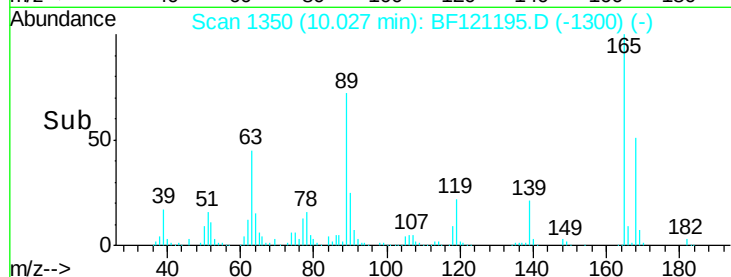
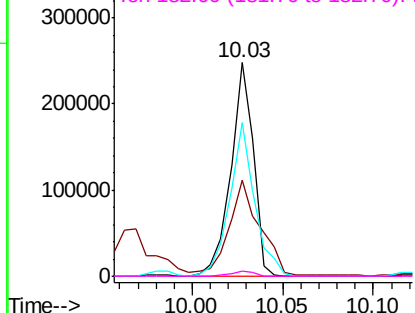


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

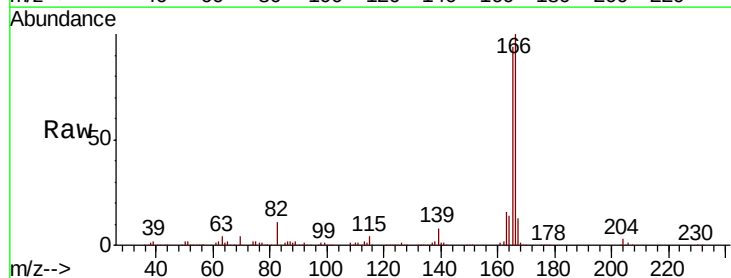
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.513 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

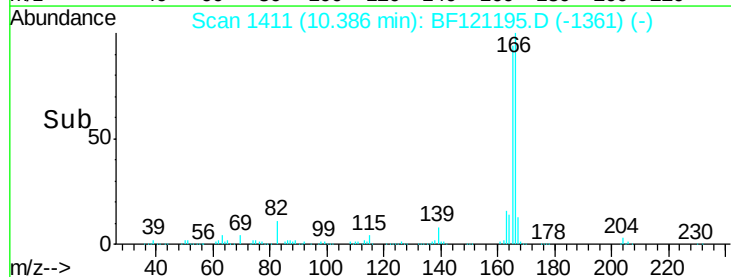
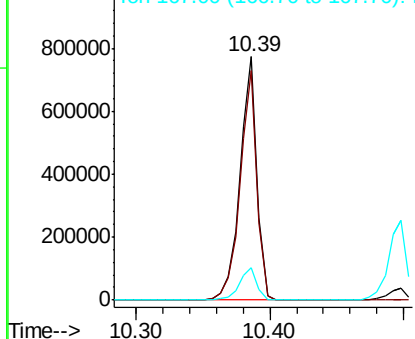
Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.2	76.4	114.6
167	13.3	10.7	16.1

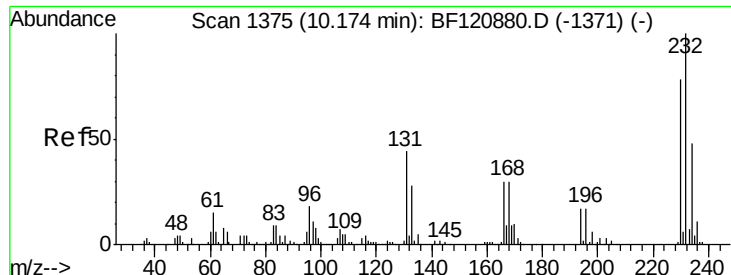


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

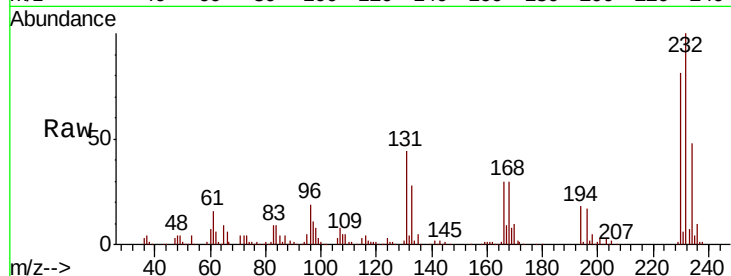




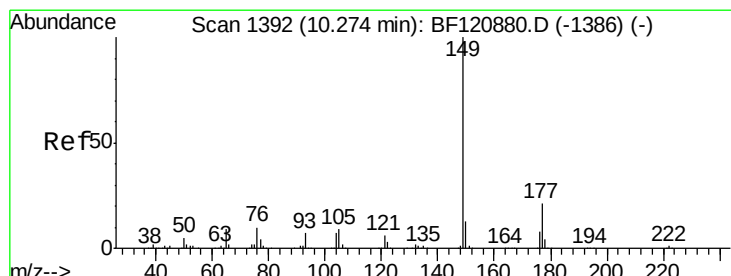
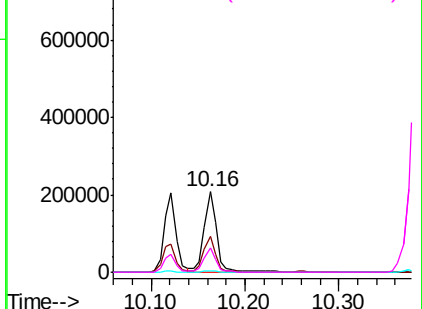
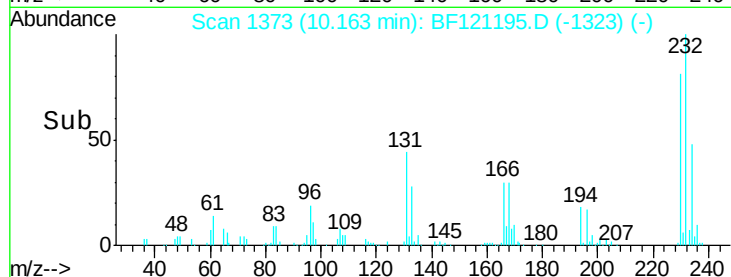
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.736 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion:	232	Resp:	195496
Ion	Ratio	Lower	Upper
232	100		
131	42.6	34.2	51.2
130	2.1	1.7	2.5
166	28.3	23.1	34.7

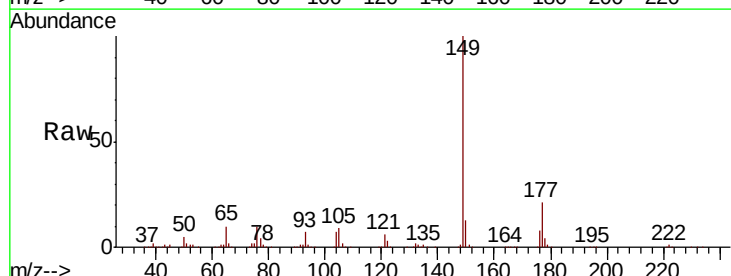


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

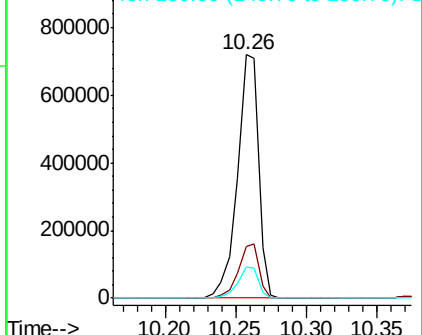
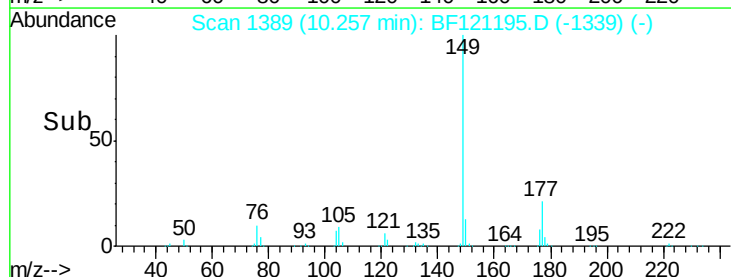


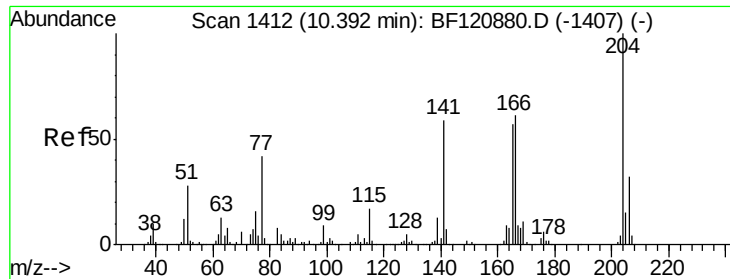
#60
Diethylphthalate
Concen: 41.812 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion:	149	Resp:	752556
Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.6	26.4
150	12.8	10.2	15.4



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

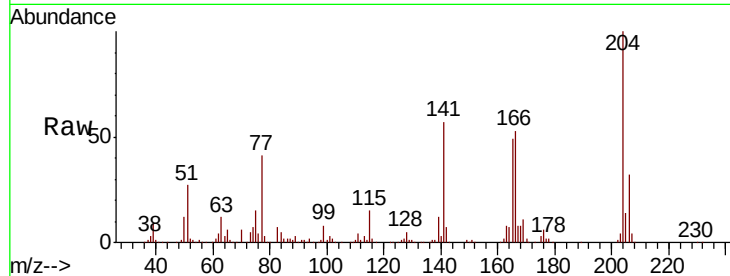




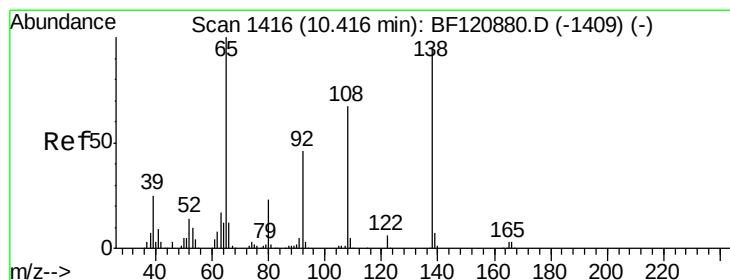
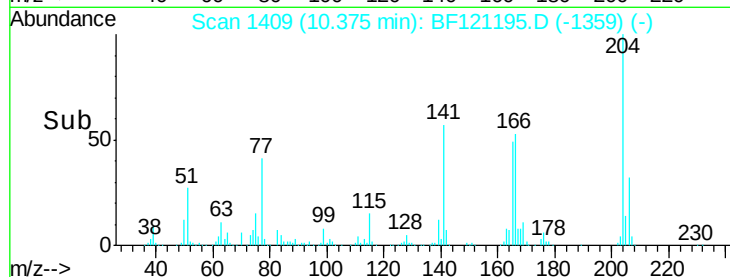
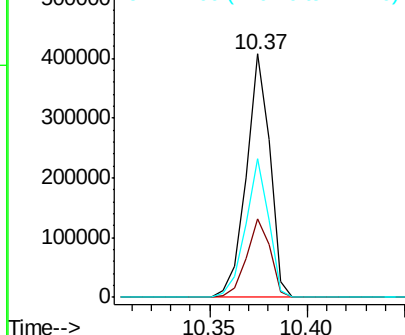
#61
4-Chlorophenyl-phenylether
Concen: 39.110 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion:204 Resp: 340870
Ion Ratio Lower Upper
204 100
206 32.1 26.0 39.0
141 57.1 46.9 70.3

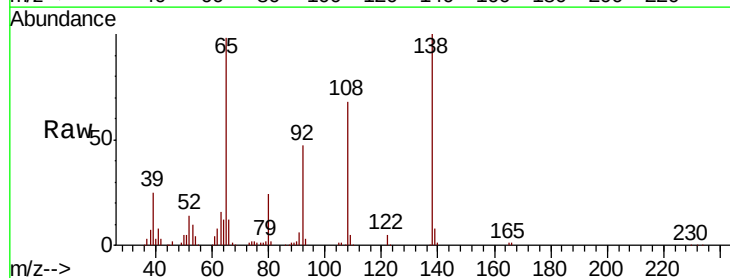


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

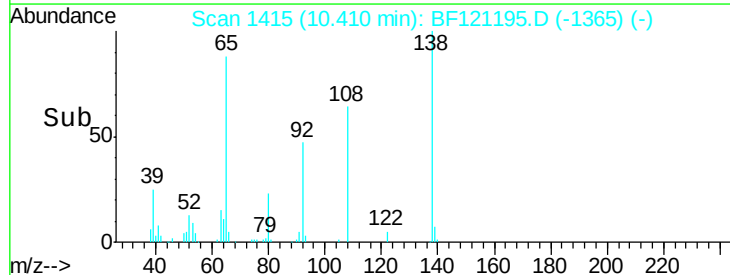
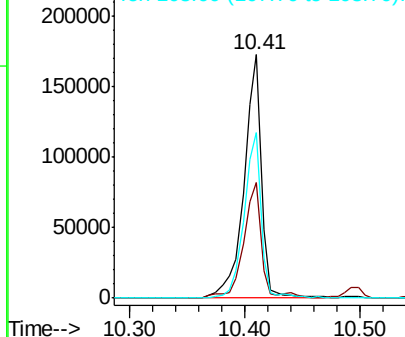


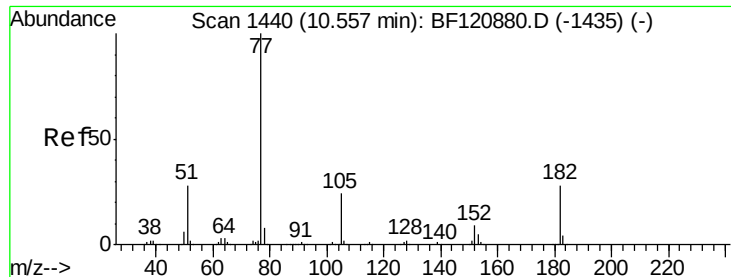
#62
4-Nitroaniline
Concen: 38.690 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion:138 Resp: 180704
Ion Ratio Lower Upper
138 100
92 47.4 25.2 65.2
108 68.2 46.7 86.7



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

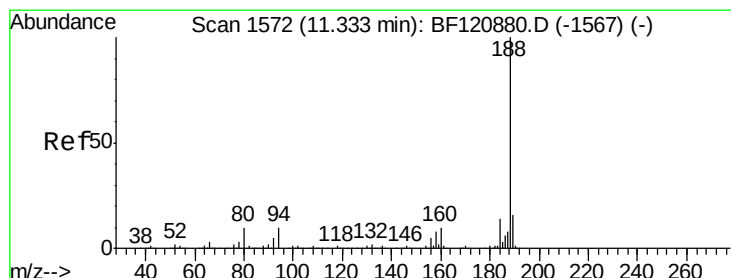
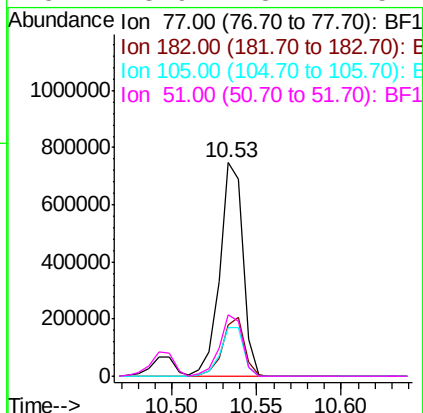
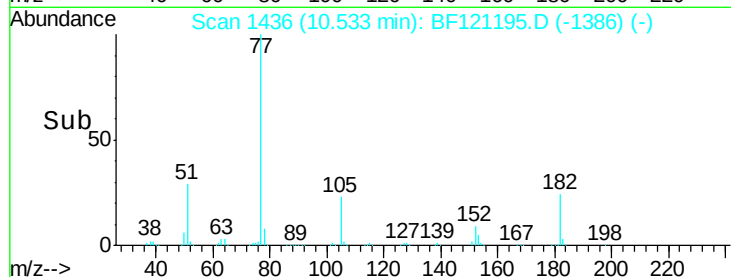
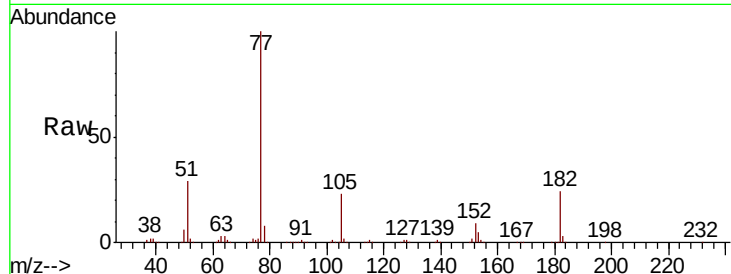




#63
Azobenzene
Concen: 41.506 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

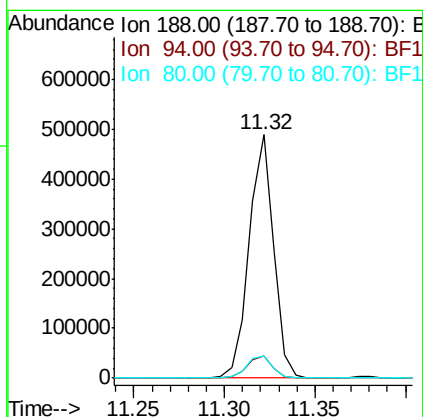
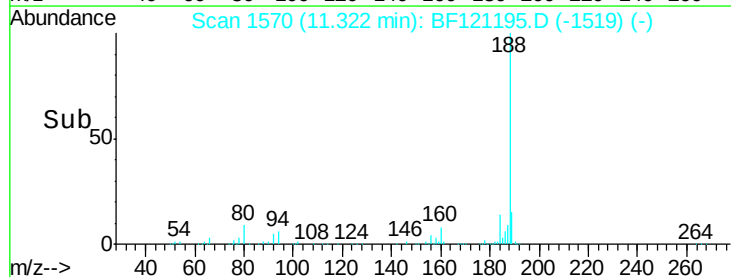
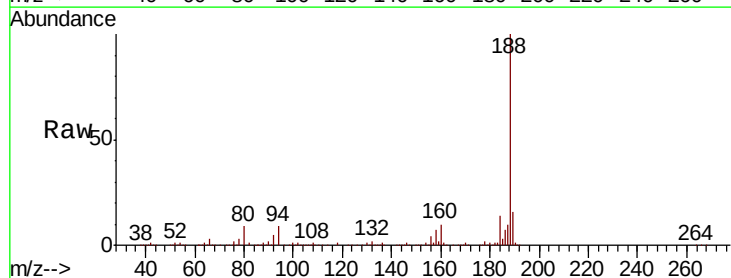
Instrument :
BNA_F
ClientSampleId :
PB130683BS

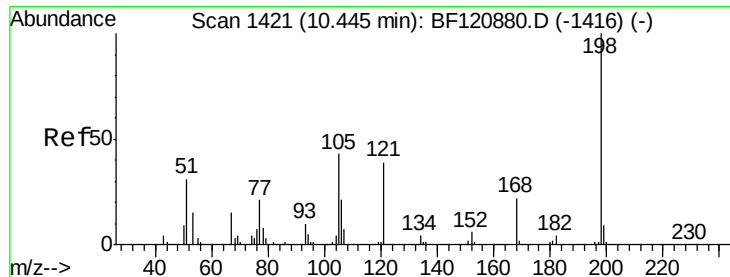
Tot Ion:	77	Resp:	711207
Ion	Ratio	Lower	Upper
77	100		
182	24.2	4.5	44.5
105	23.1	3.4	43.4
51	28.9	8.7	48.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion:	188	Resp:	457607
Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	9.2	8.3	12.5

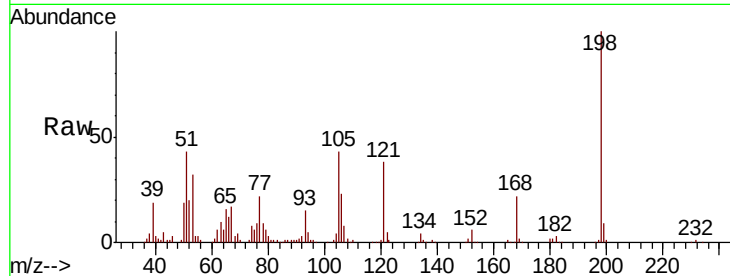




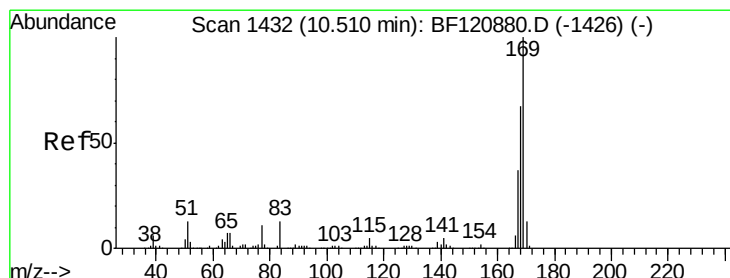
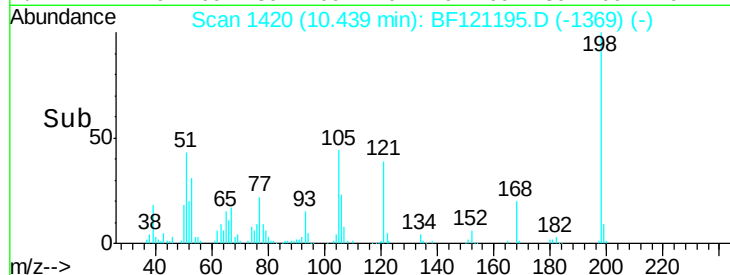
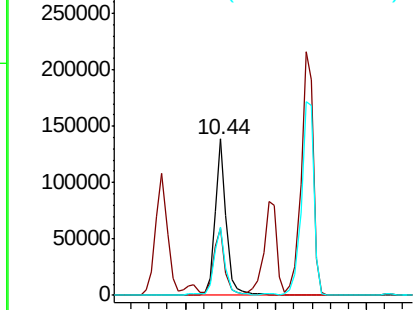
#65
4,6-Dinitro-2-methylphenol
Concen: 45.349 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion:198 Resp: 119492
Ion Ratio Lower Upper
198 100
51 43.0 23.4 63.4
105 43.5 23.7 63.7

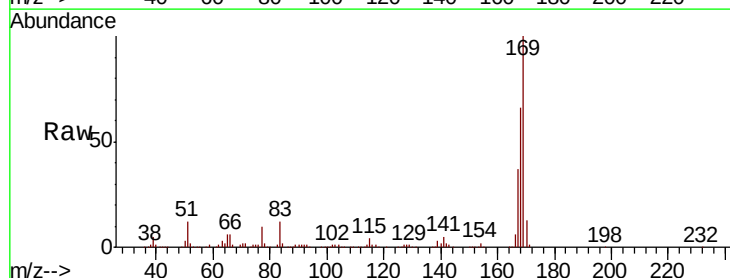


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

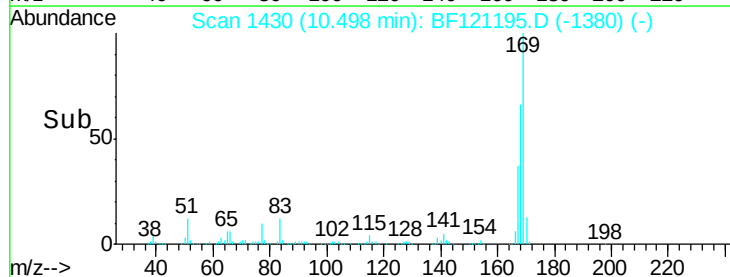
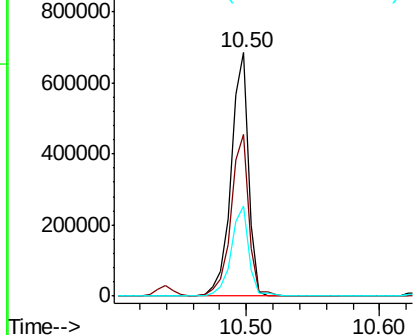


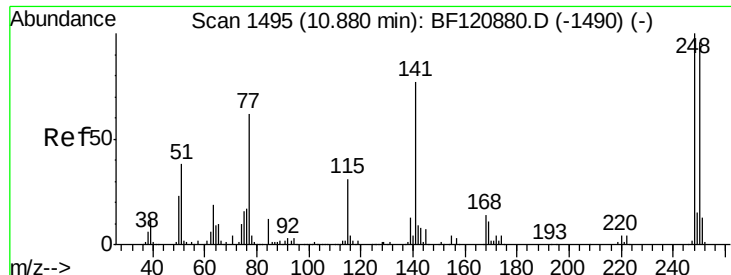
#66
n-Nitrosodiphenylamine
Concen: 43.973 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion:169 Resp: 633004
Ion Ratio Lower Upper
169 100
168 66.3 53.7 80.5
167 37.2 30.0 45.0



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

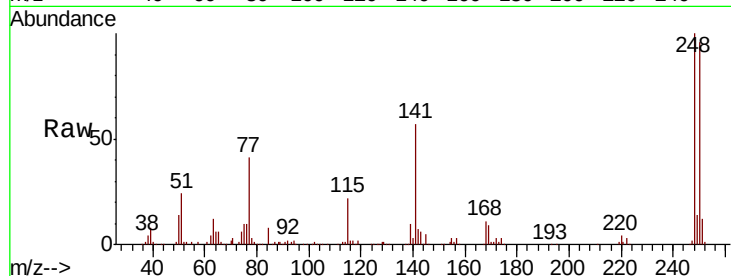




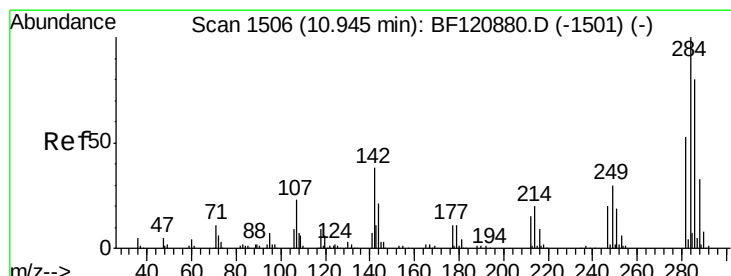
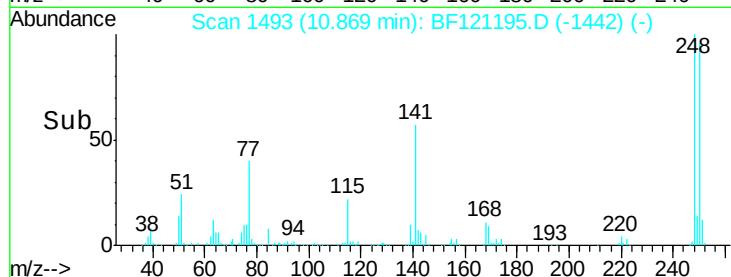
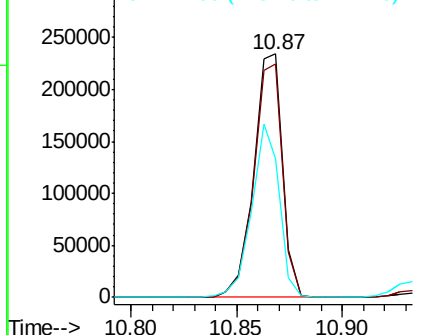
#67
4-Bromophenyl-phenylether
Concen: 43.680 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion:248 Resp: 222855
Ion Ratio Lower Upper
248 100
250 96.0 77.0 115.6
141 57.0 56.6 85.0

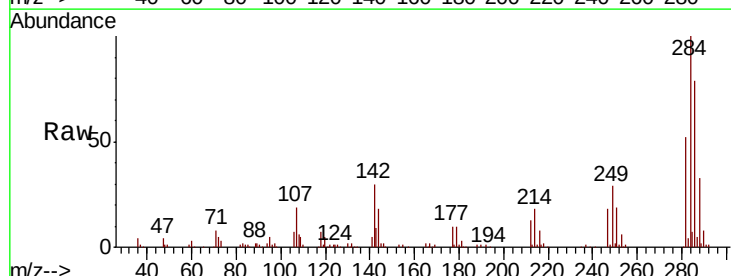


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

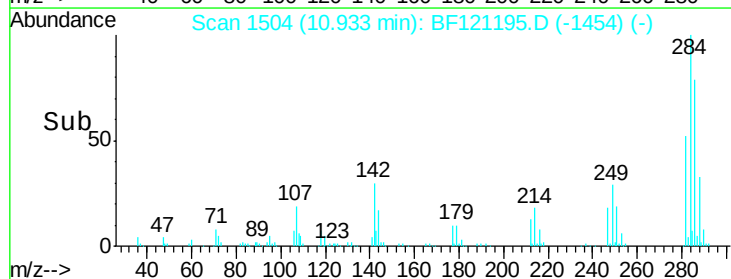
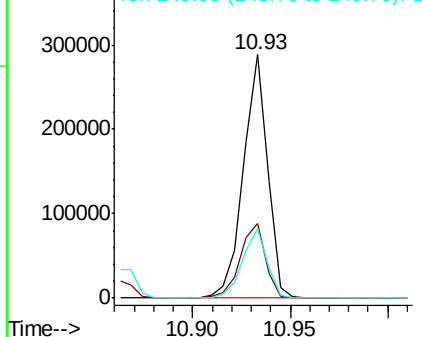


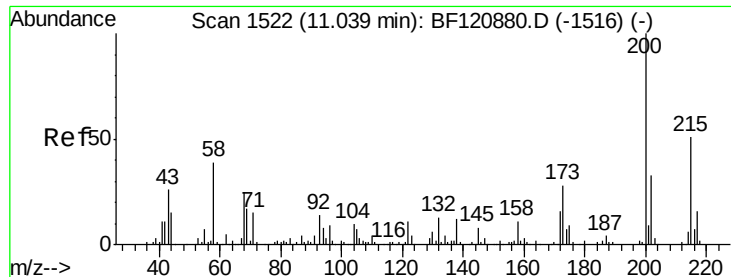
#68
Hexachlorobenzene
Concen: 44.812 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion:284 Resp: 247315
Ion Ratio Lower Upper
284 100
142 30.4 21.1 31.7
249 28.7 22.5 33.7



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

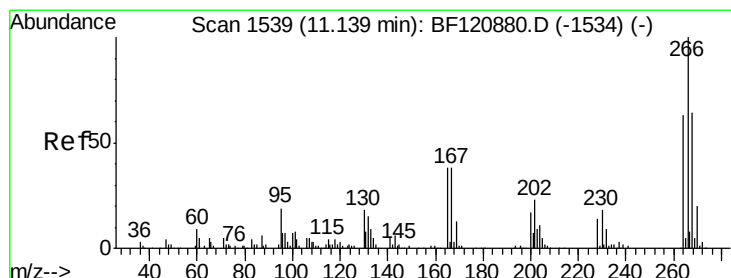
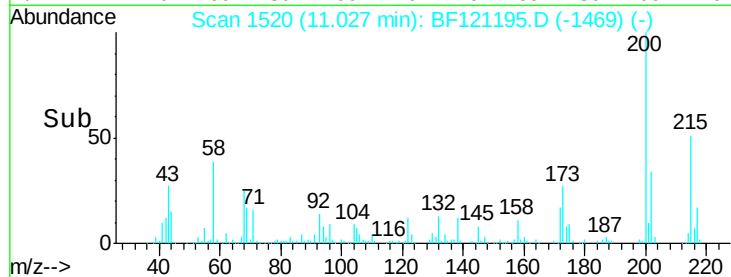
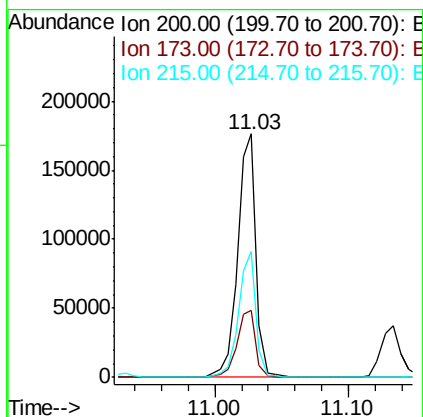
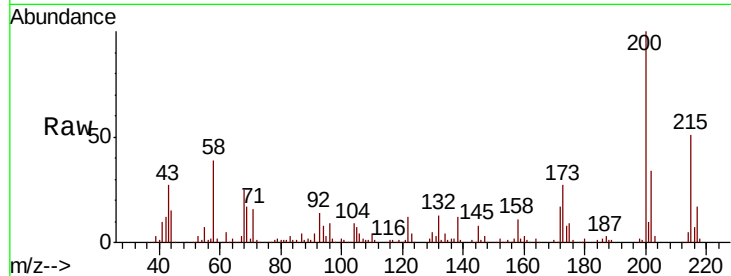




#69
 Atrazine
 Concen: 47.030 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

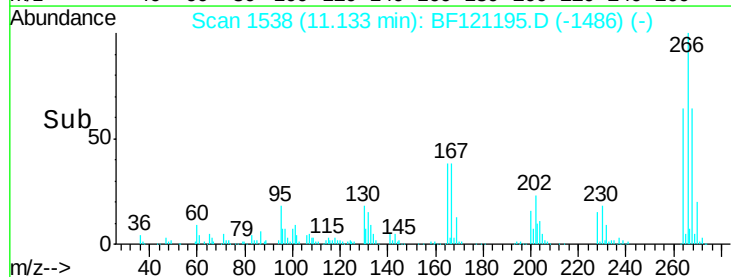
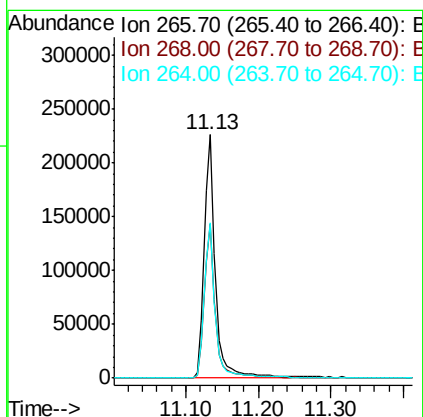
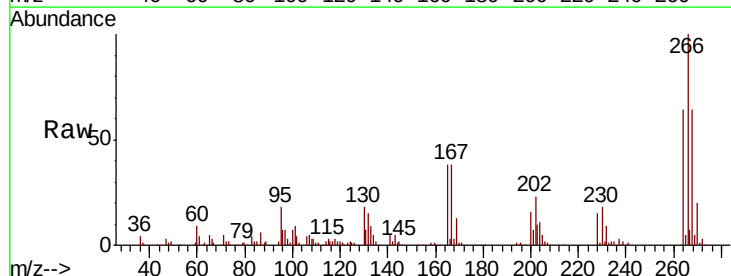
Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

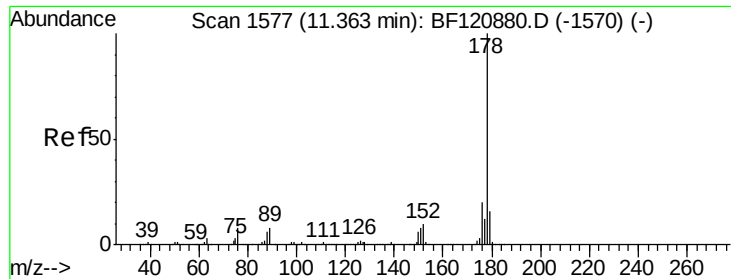
Tot Ion:200 Resp: 167668
 Ion Ratio Lower Upper
 200 100
 173 27.3 7.6 47.6
 215 51.5 28.8 68.8



#70
 Pentachlorophenol
 Concen: 78.509 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Tgt Ion:266 Resp: 248226
 Ion Ratio Lower Upper
 266 100
 268 63.5 49.7 74.5
 264 63.9 50.4 75.6





#71

Phenanthrene

Concen: 42.415 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

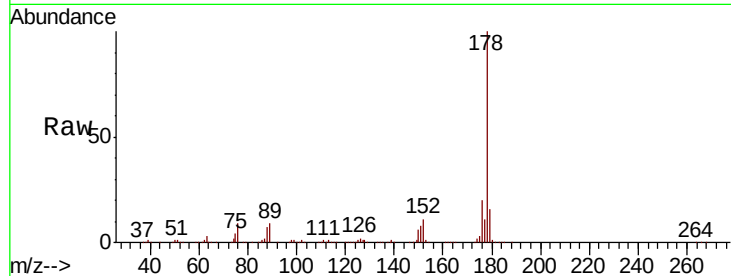
Tot Ion:178 Resp: 998240

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.2

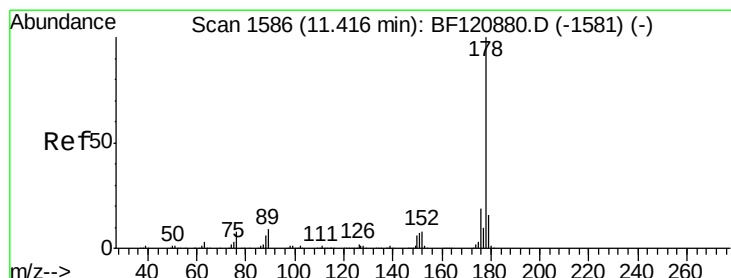
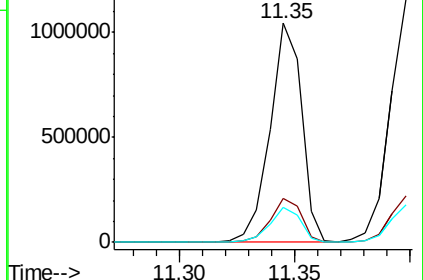
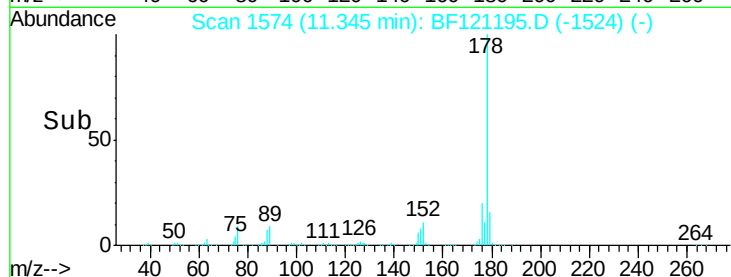
179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.224 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

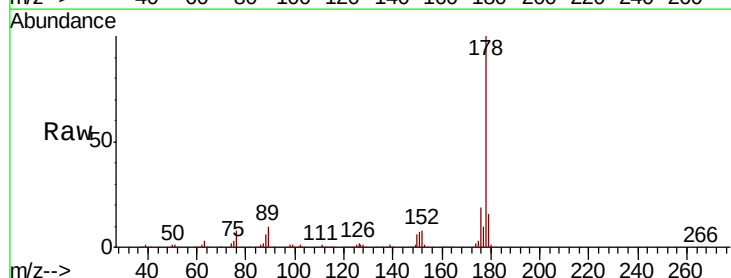
Tgt Ion:178 Resp: 1045129

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

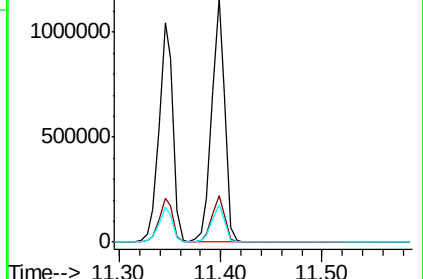
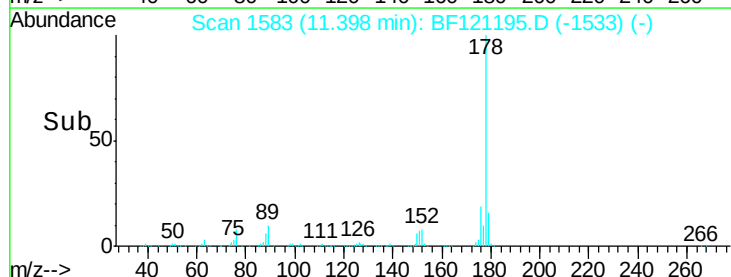
179 15.6 12.6 19.0

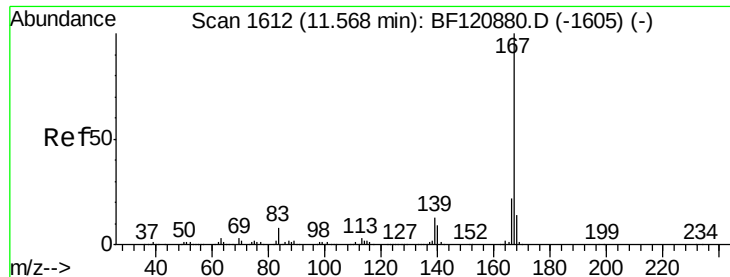


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.648 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

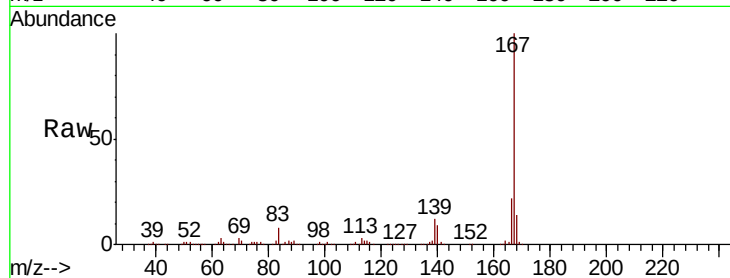
Tot Ion:167 Resp: 953304

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

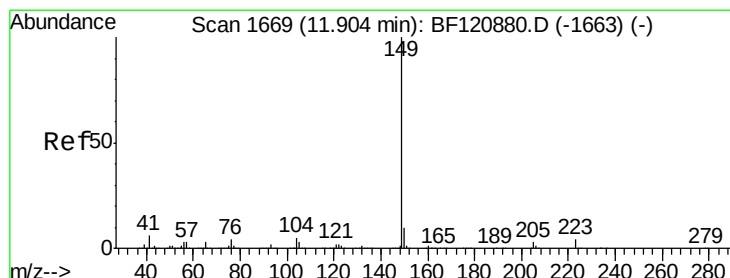
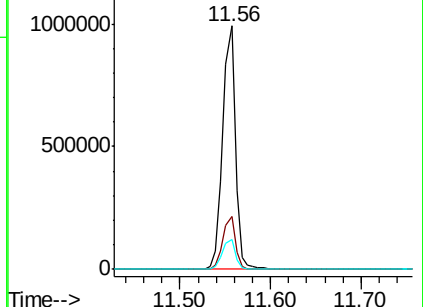
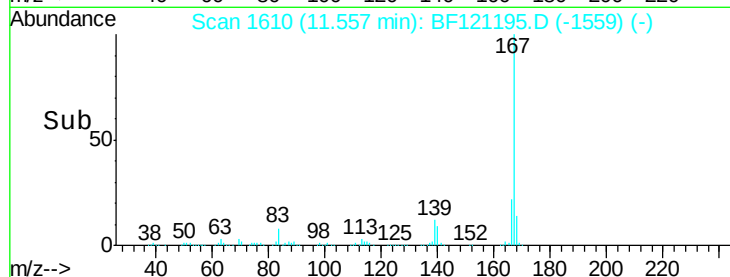
139 12.4 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.837 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

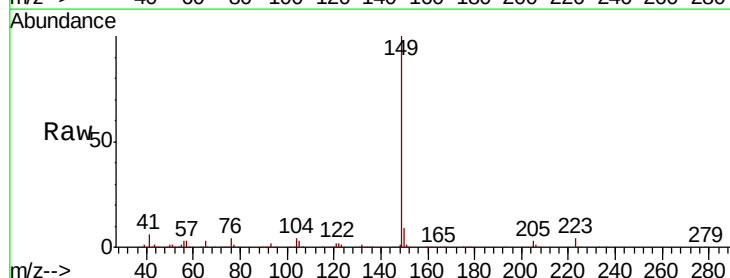
Tgt Ion:149 Resp: 1186426

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

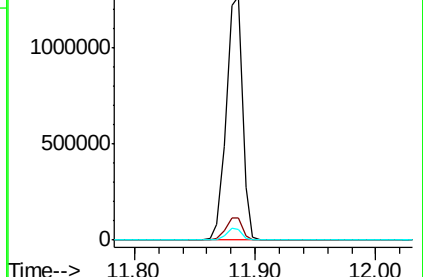
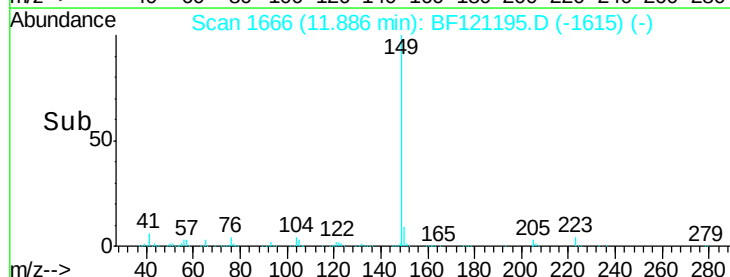
104 4.4 3.9 5.9

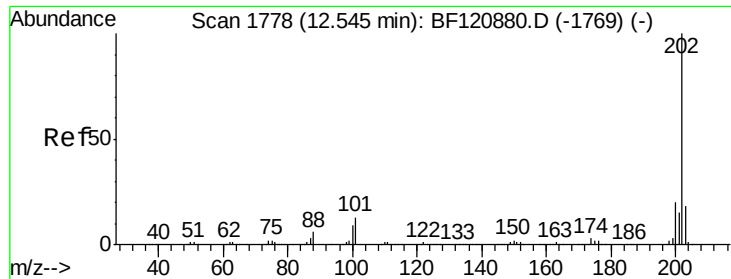


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

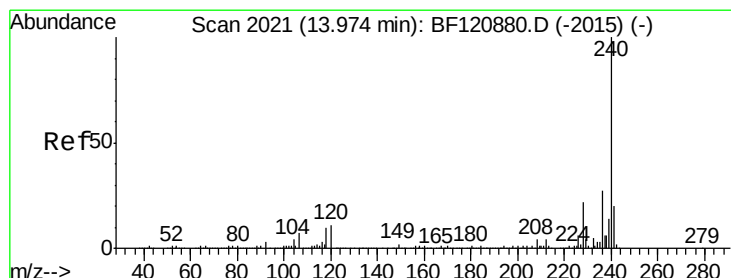
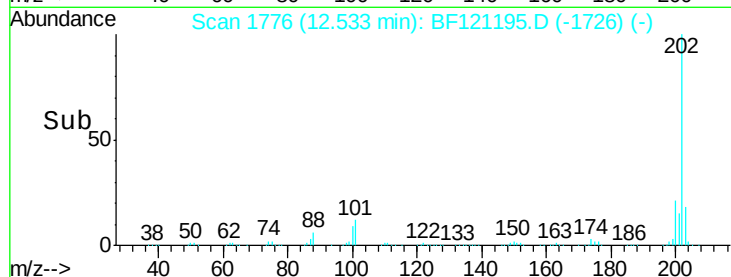
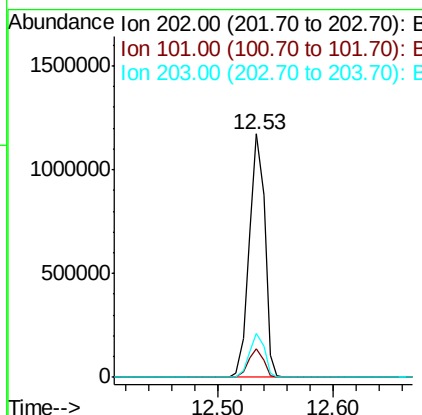
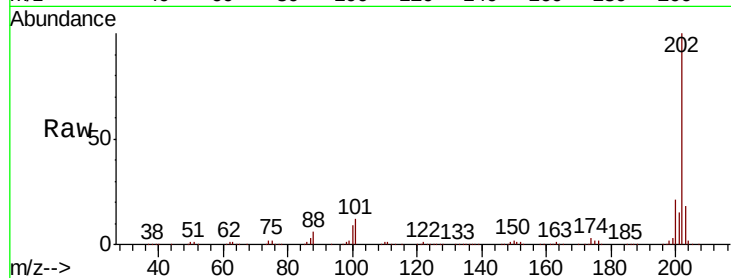




#75
Fluoranthene
Concen: 41.975 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

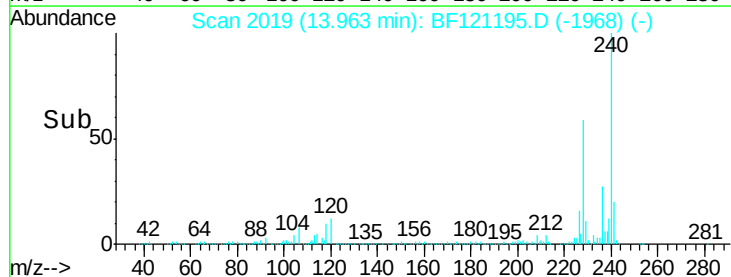
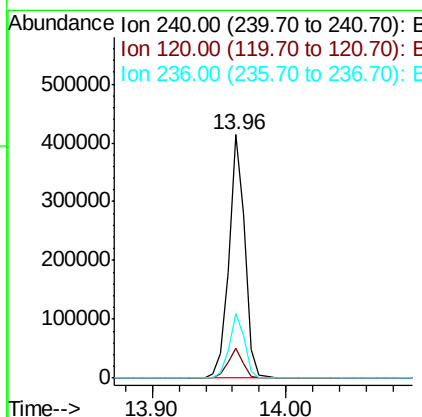
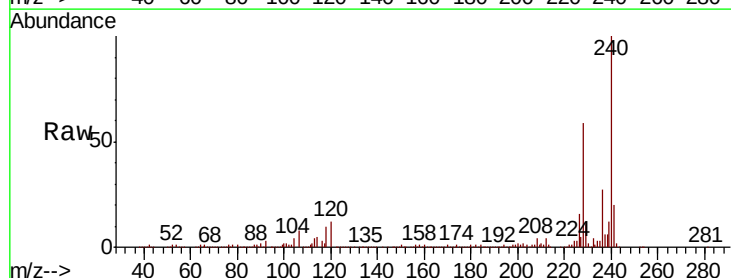
Instrument :
BNA_F
ClientSampleId :
PB130683BS

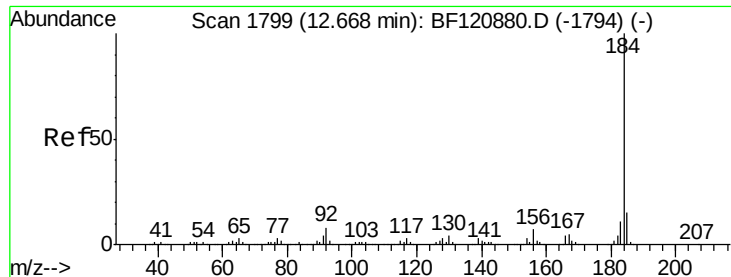
Tot Ion:202 Resp: 1094985
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.5
203 18.0 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion:240 Resp: 346412
Ion Ratio Lower Upper
240 100
120 12.4 9.3 13.9
236 26.6 21.1 31.7





#77

Benzidine

Concen: 61.223 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

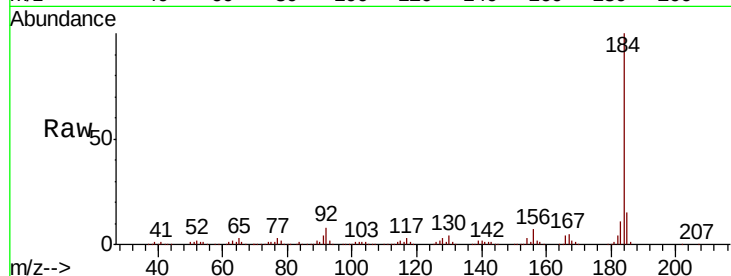
Tot Ion:184 Resp: 557606

Ion Ratio Lower Upper

184 100

185 15.0 12.1 18.1

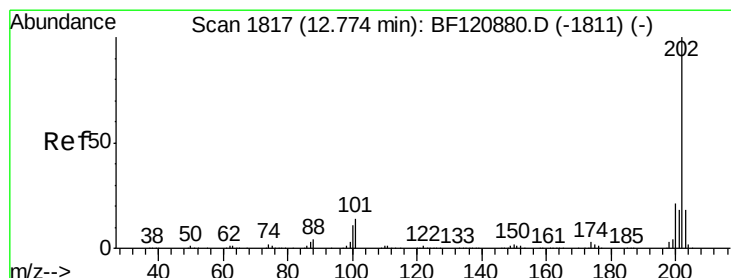
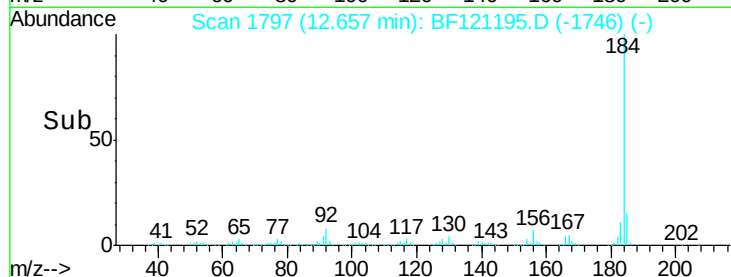
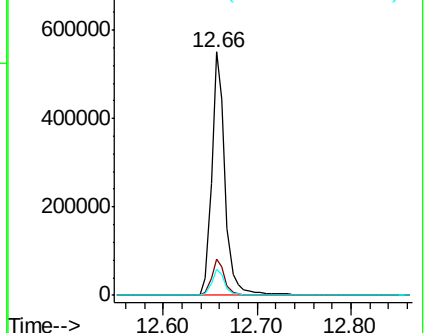
183 10.8 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.462 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

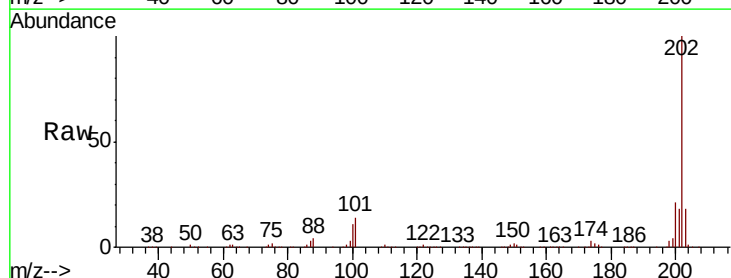
Tgt Ion:202 Resp: 1113440

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

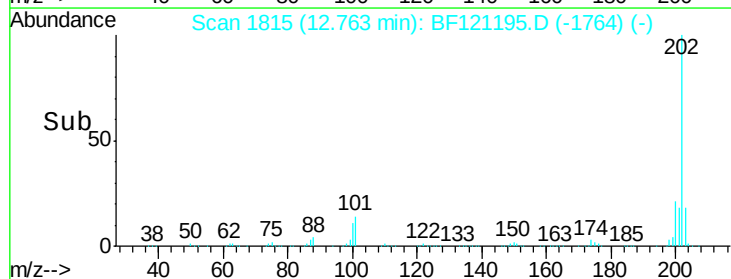
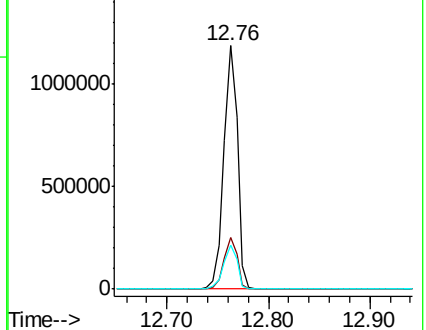
203 17.9 14.6 21.8

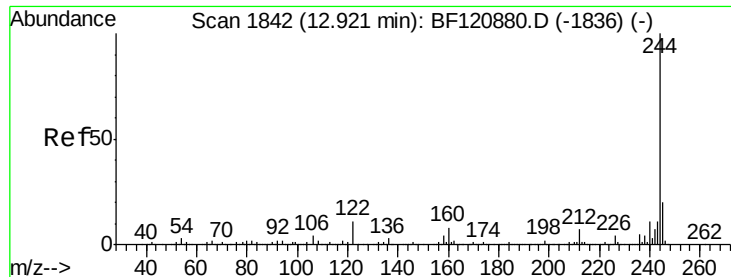


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.208 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

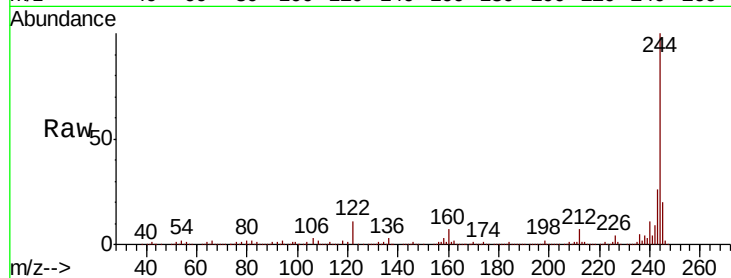
Tot Ion:244 Resp: 1230376

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

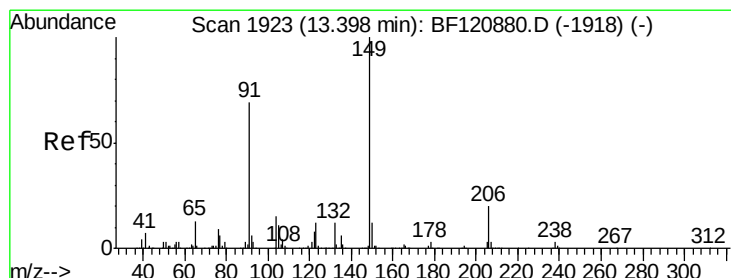
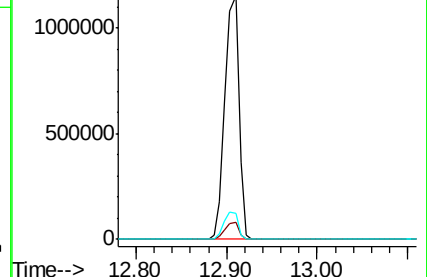
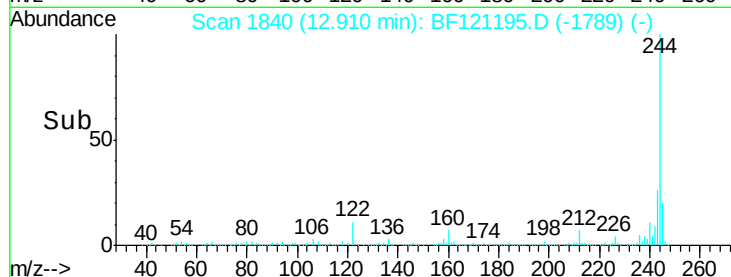
122 10.6 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.578 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

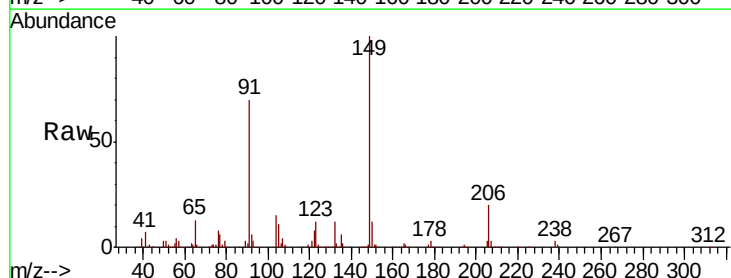
Tgt Ion:149 Resp: 508540

Ion Ratio Lower Upper

149 100

91 69.9 51.4 77.0

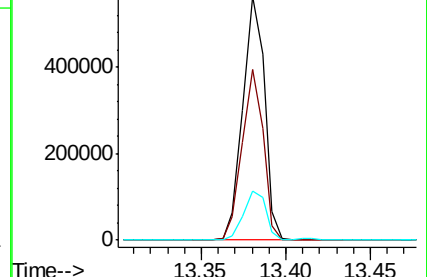
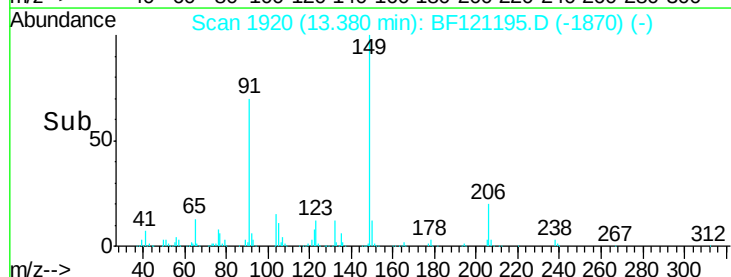
206 20.3 17.9 26.9

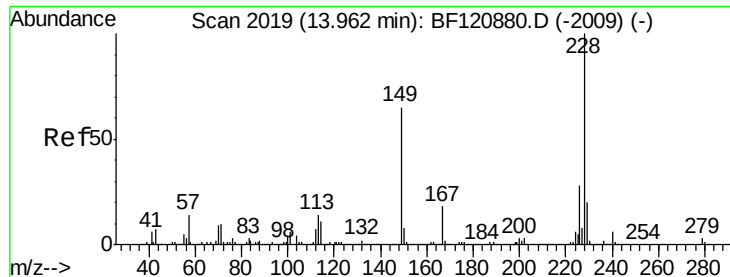


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.665 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

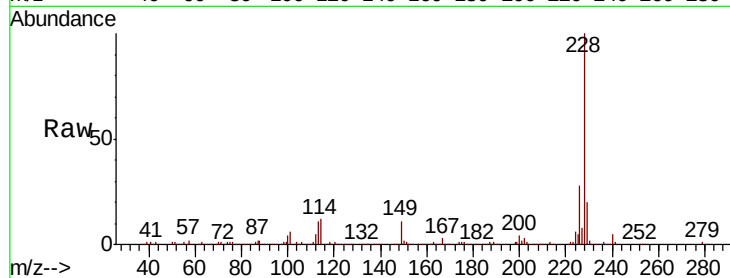
Tot Ion:228 Resp: 936932

Ion Ratio Lower Upper

228 100

226 28.4 22.6 34.0

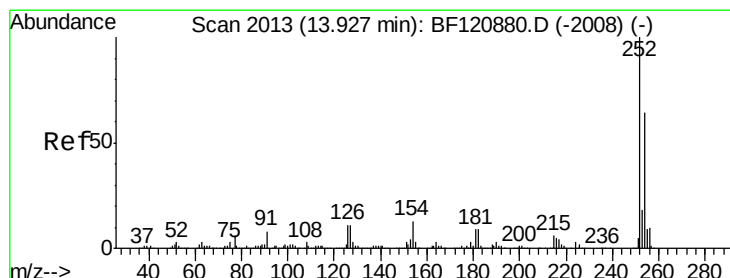
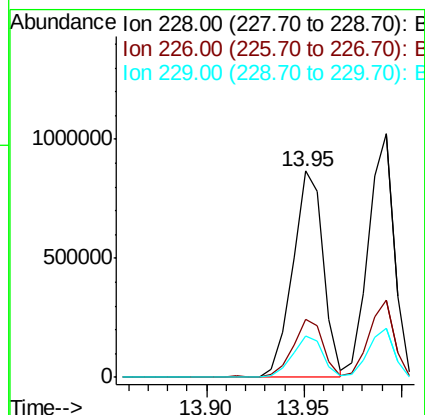
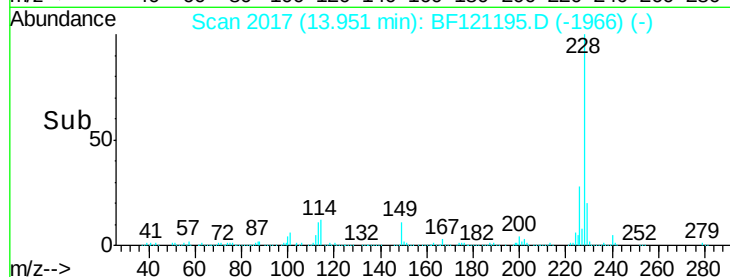
229 20.4 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.988 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

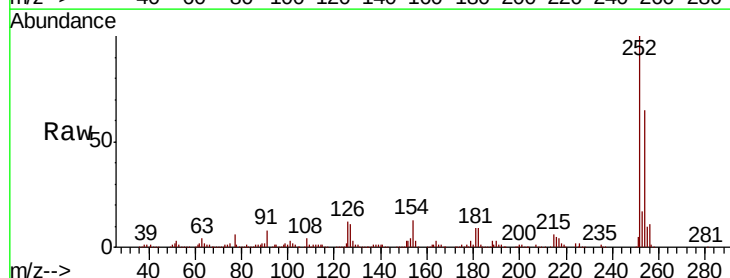
Tgt Ion:252 Resp: 316466

Ion Ratio Lower Upper

252 100

254 65.0 51.3 76.9

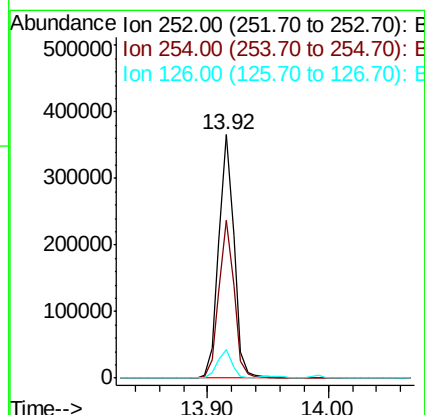
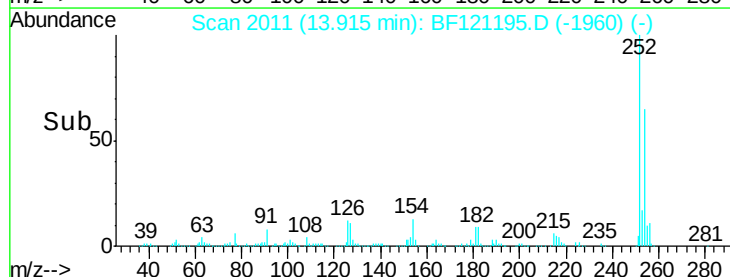
126 11.6 9.2 13.8

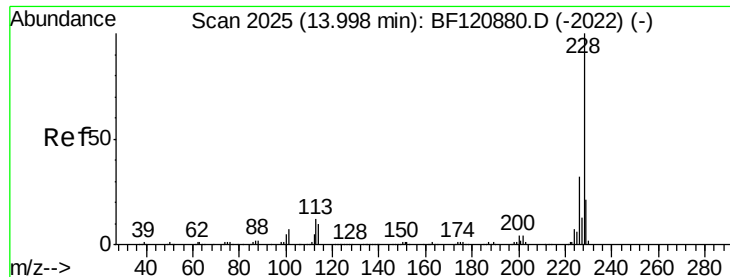


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.835 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

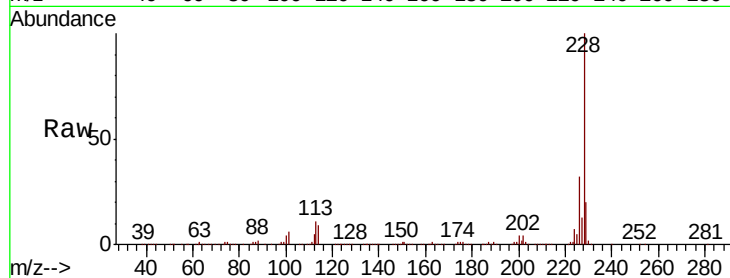
Tot Ion:228 Resp: 944269

Ion Ratio Lower Upper

228 100

226 31.5 25.4 38.0

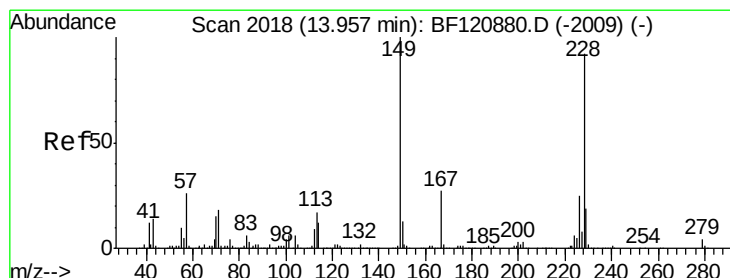
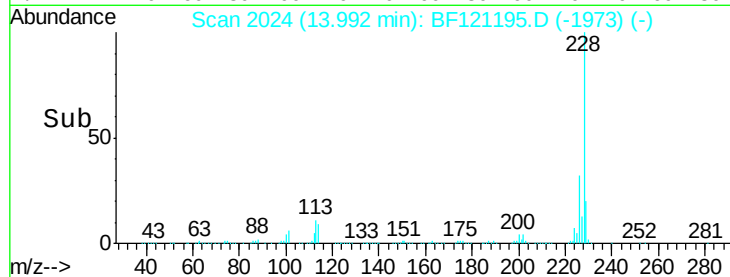
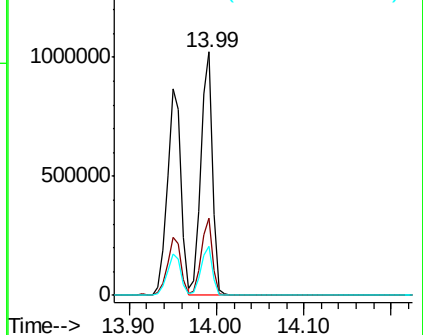
229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.634 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

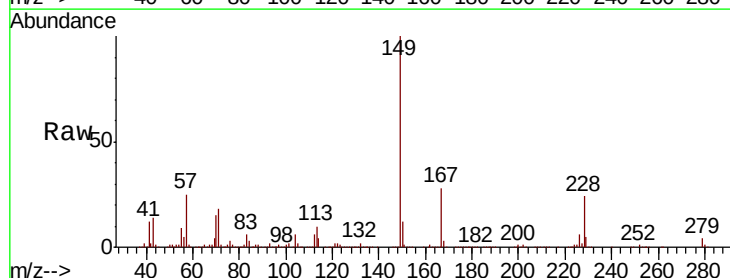
Tgt Ion:149 Resp: 695153

Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.6

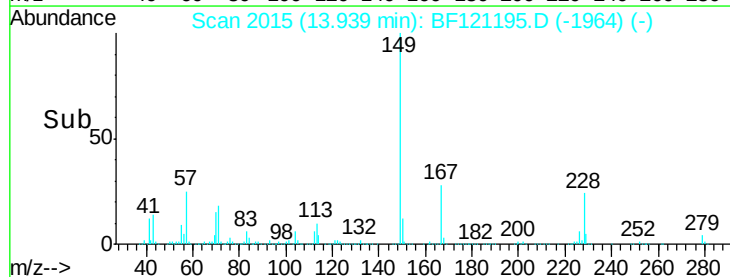
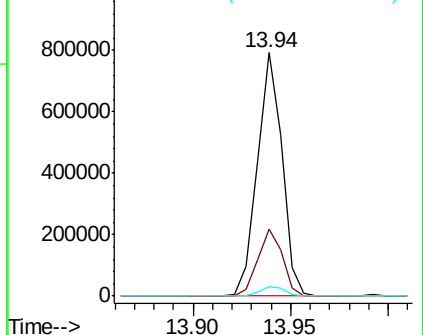
279 3.9 2.9 4.3

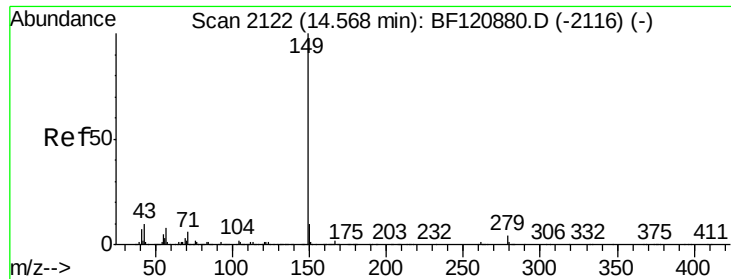


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.357 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

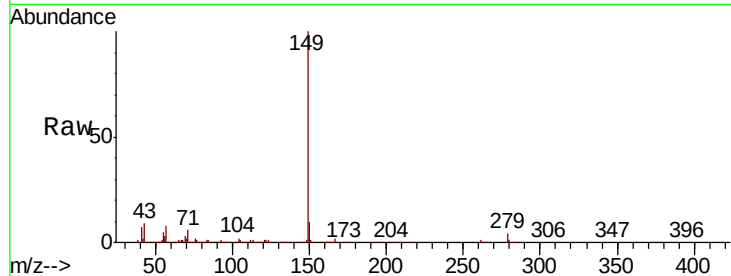
Tot Ion:149 Resp: 1214896

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

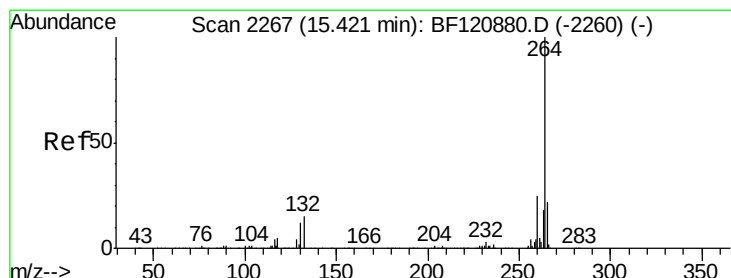
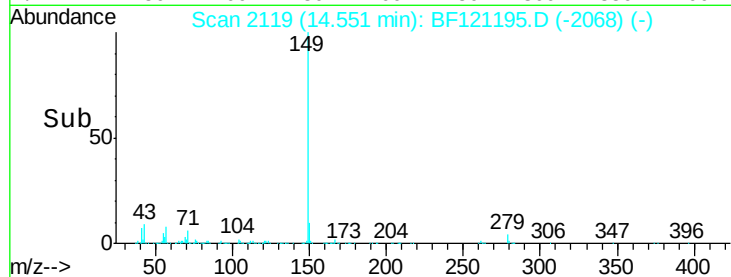
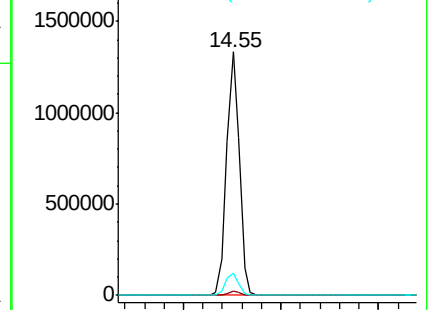
43 9.1 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

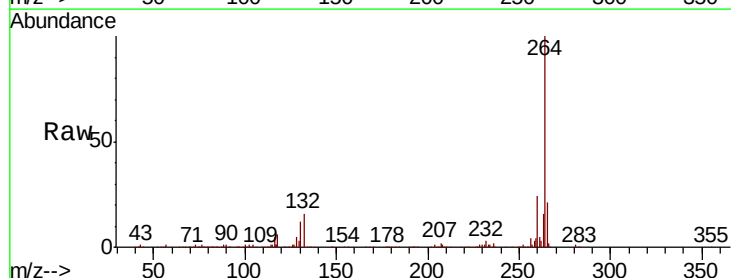
Tgt Ion:264 Resp: 335142

Ion Ratio Lower Upper

264 100

260 24.4 19.9 29.9

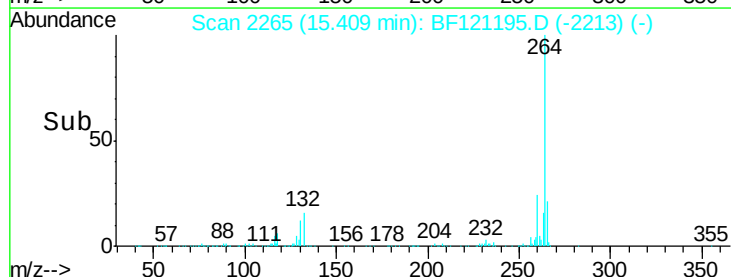
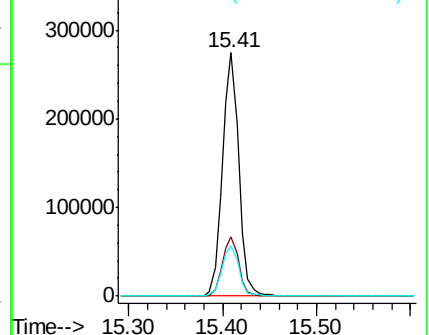
265 20.9 17.8 26.8

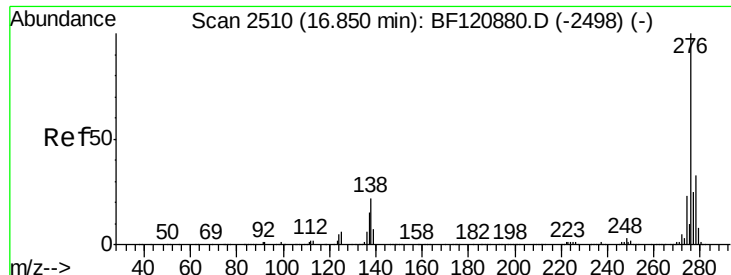


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

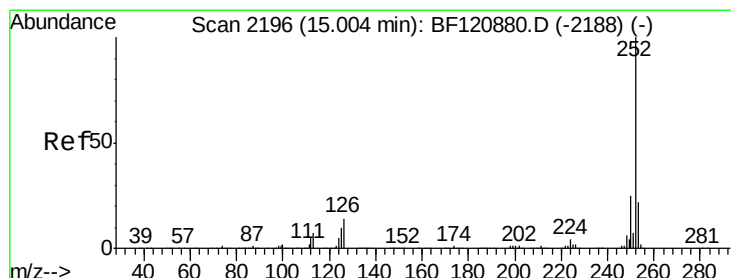
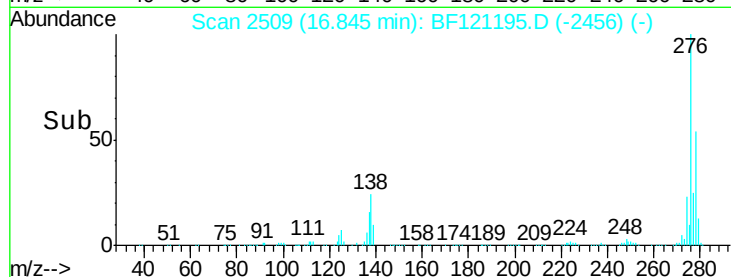
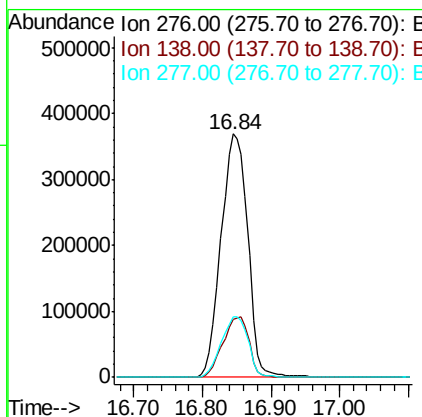
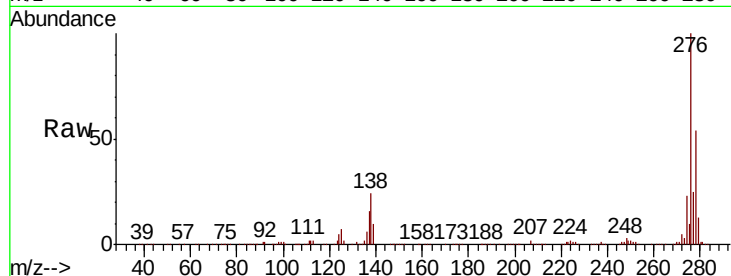




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.638 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. 0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

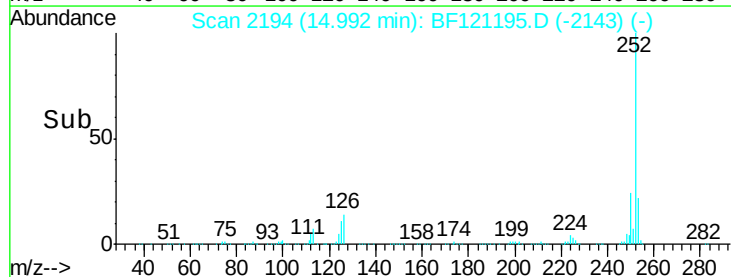
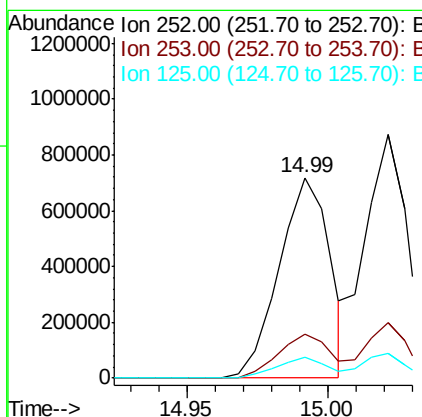
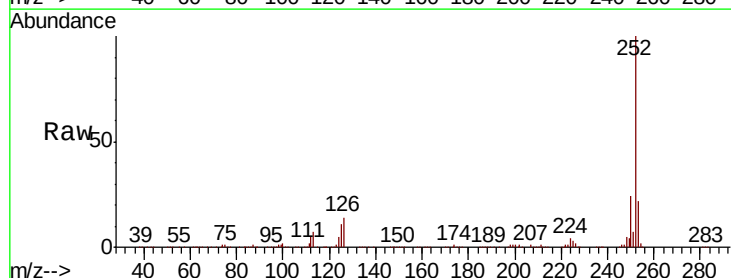
Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

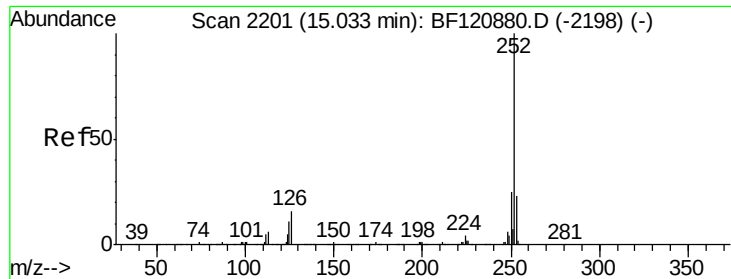
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.3	28.9
277	25.2	20.1	30.1



#88
 Benzo(b)fluoranthene
 Concen: 44.226 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	10.6	8.1	12.1

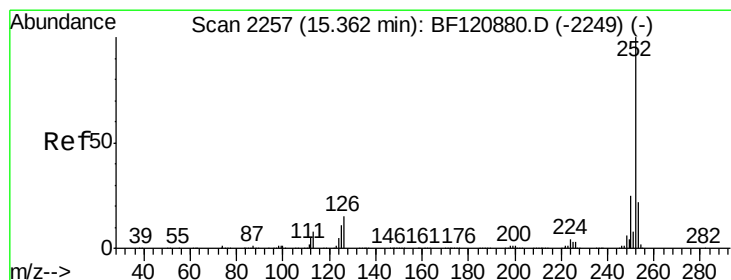
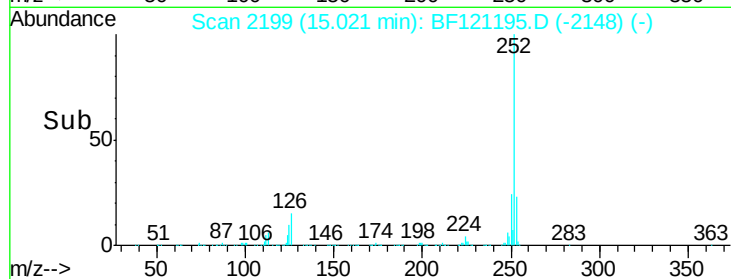
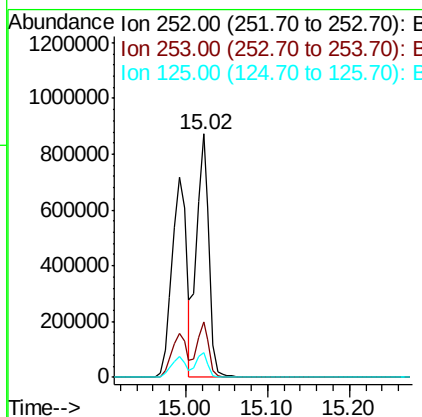
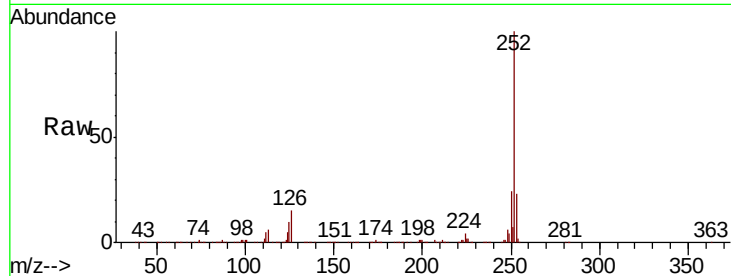




#89
Benzo(k)fluoranthene
Concen: 49.363 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

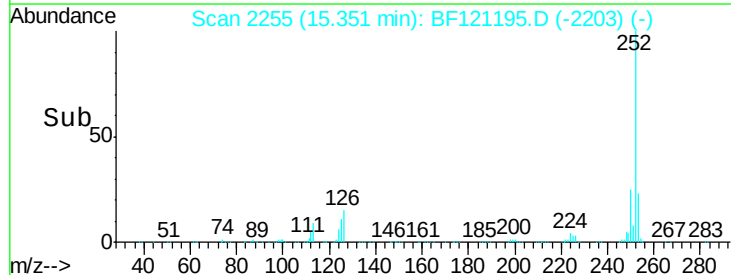
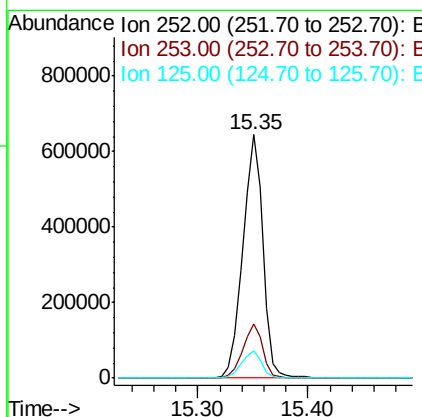
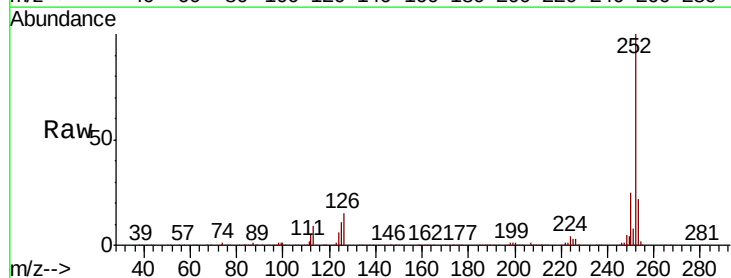
Instrument :
BNA_F
ClientSampleId :
PB130683BS

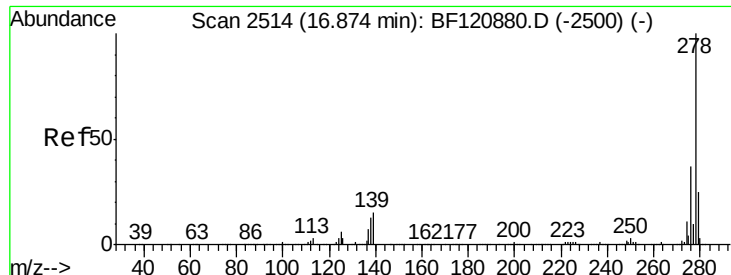
Tot Ion:252 Resp: 911989
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 10.3 8.0 12.0



#90
Benzo(a)pyrene
Concen: 44.691 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion:252 Resp: 826013
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 11.4 9.5 14.3

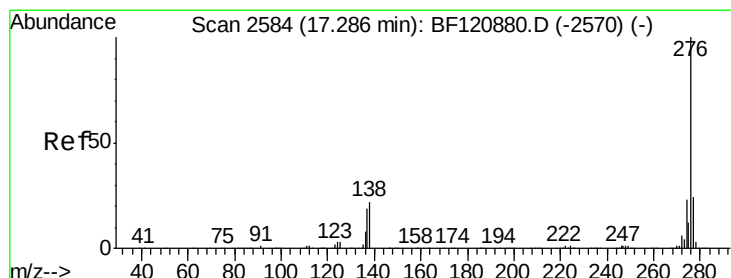
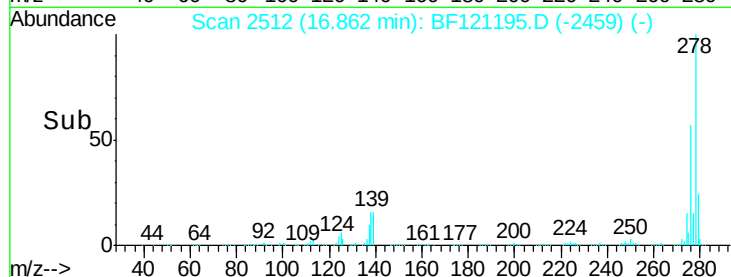
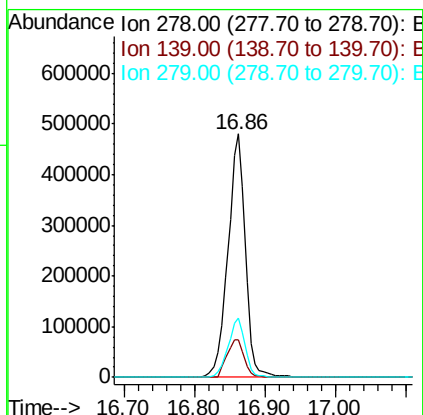
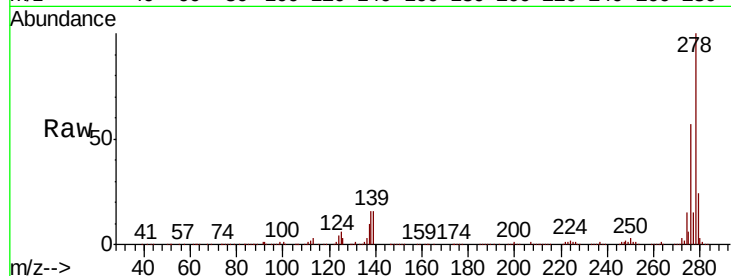




#91
Dibenzo(a,h)anthracene
Concen: 43.329 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion:278 Resp: 824952
Ion Ratio Lower Upper
278 100
139 15.7 12.6 18.8
279 24.2 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 45.157 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.02 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion:276 Resp: 847711
Ion Ratio Lower Upper
276 100
277 23.2 19.4 29.0
138 21.2 17.2 25.8

