

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
 Data File : BF121185.D
 Acq On : 5 Aug 2020 10:29
 Operator : JU/CG
 Sample : PB130683BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Quant Time: Aug 05 11:20:20 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	134154	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	507863	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	256497	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	487614	20.00	ng	0.00
76) Chrysene-d12	13.97	240	379612	20.00	ng	0.00
86) Perylene-d12	15.41	264	374331	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	818781	100.05	ng	0.00
7) Phenol-d6	6.44	99	991265	93.77	ng	0.00
23) Nitrobenzene-d5	7.36	82	653395	74.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	302710	107.82	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1210370	70.45	ng	0.00
79) Terphenyl-d14	12.91	244	1242588	71.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	131798	34.995	ng	99
3) Pyridine	3.30	79	306946	30.637	ng	99
4) n-Nitrosodimethylamine	3.25	42	157013	36.650	ng	97
6) Aniline	6.46	93	421117	30.519	ng	93
8) 2-Chlorophenol	6.58	128	369586	40.997	ng	100
9) Benzaldehyde	6.35	77	236112	48.863	ng	97
10) Phenol	6.45	94	432229	37.171	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	346447	38.876	ng	97
12) 1,3-Dichlorobenzene	6.73	146	376212	38.485	ng	98
13) 1,4-Dichlorobenzene	6.81	146	377851	38.872	ng	99
14) 1,2-Dichlorobenzene	6.96	146	364440	39.631	ng	99
15) Benzyl Alcohol	6.94	79	288468	38.588	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	475272	37.001	ng	98
17) 2-Methylphenol	7.06	107	291920	36.534	ng	100
18) Hexachloroethane	7.30	117	140628	39.972	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	221256	36.809	ng	97
20) 3+4-Methylphenols	7.21	107	335343	32.992	ng	98
22) Acetophenone	7.20	105	461264	40.469	ng	# 96
24) Nitrobenzene	7.38	77	368153	38.917	ng	99
25) Isophorone	7.62	82	665506	37.992	ng	96
26) 2-Nitrophenol	7.69	139	199234	44.345	ng	97
27) 2,4-Dimethylphenol	7.73	122	315624	43.269	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	432382	40.437	ng	100
29) 2,4-Dichlorophenol	7.94	162	305635	41.003	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	329330	39.823	ng	99
31) Naphthalene	8.10	128	1013508	38.905	ng	100
32) Benzoic acid	7.87	122	165679	30.257	ng	99
33) 4-Chloroaniline	8.15	127	304790	26.227	ng	100
34) Hexachlorobutadiene	8.22	225	190398	39.055	ng	98
35) Caprolactam	8.53	113	66876	27.977	ng	90
36) 4-Chloro-3-methylphenol	8.64	107	309508	40.486	ng	100
37) 2-Methylnaphthalene	8.79	142	691668	40.891	ng	99
38) 1-Methylnaphthalene	8.89	142	647879	40.441	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	318559	42.627	ng	100

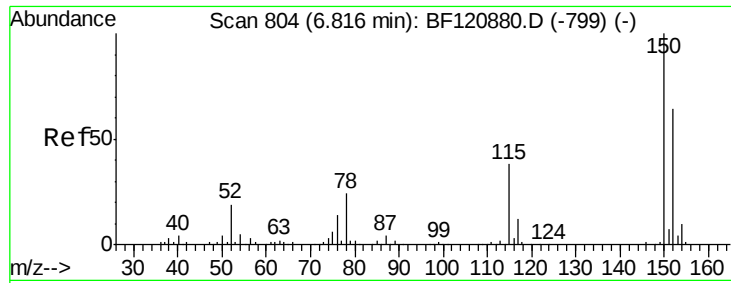
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
 Data File : BF121185.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	318805	77.187	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	217514	41.338	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	229054	38.376	ng	97
46) 1,1'-Biphenyl	9.26	154	828271	42.333	ng	99
47) 2-Chloronaphthalene	9.28	162	641480	40.213	ng	98
48) 2-Nitroaniline	9.38	65	191828	39.792	ng	98
49) Acenaphthylene	9.70	152	1013319	40.890	ng	99
50) Dimethylphthalate	9.56	163	753756	40.733	ng	99
51) 2,6-Dinitrotoluene	9.62	165	166745	41.943	ng	98
52) Acenaphthene	9.87	154	579903	36.806	ng	100
53) 3-Nitroaniline	9.79	138	127818	25.635	ng	99
54) 2,4-Dinitrophenol	9.90	184	162681	71.852	ng	94
55) Dibenzofuran	10.05	168	891079	39.110	ng	97
56) 4-Nitrophenol	9.97	139	249179	65.789	ng	99
57) 2,4-Dinitrotoluene	10.03	165	215785	41.332	ng	87
58) Fluorene	10.39	166	668398	39.334	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	190493	41.918	ng	97
60) Diethylphthalate	10.26	149	752017	40.178	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	333119	36.754	ng	99
62) 4-Nitroaniline	10.41	138	179708	37.000	ng	98
63) Azobenzene	10.54	77	697223	39.128	ng	96
65) 4,6-Dinitro-2-methylphenol	10.44	198	114991	41.327	ng	98
66) n-Nitrosodiphenylamine	10.50	169	629821	41.059	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	219678	40.408	ng	94
68) Hexachlorobenzene	10.93	284	247979	42.167	ng	# 93
69) Atrazine	11.03	200	178600	47.014	ng	98
70) Pentachlorophenol	11.13	266	249103	73.938	ng	99
71) Phenanthrene	11.35	178	1001752	39.945	ng	100
72) Anthracene	11.40	178	1034768	41.091	ng	99
73) Carbazole	11.56	167	955577	38.237	ng	99
74) Di-n-butylphthalate	11.89	149	1183413	41.035	ng	100
75) Fluoranthene	12.54	202	1084948	39.031	ng	99
77) Benzidine	12.66	184	561082	56.217	ng	99
78) Pyrene	12.77	202	1115912	41.578	ng	99
80) Butylbenzylphthalate	13.38	149	510848	42.698	ng	94
81) Benzo(a)anthracene	13.96	228	967582	42.092	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	314102	36.218	ng	100
83) Chrysene	13.99	228	946839	39.195	ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	692843	46.962	ng	100
85) Di-n-octyl phthalate	14.55	149	1224594	41.721	ng	98
87) Indeno(1,2,3-cd)pyrene	16.85	276	1014627	38.974	ng	100
88) Benzo(b)fluoranthene	14.99	252	988576	43.690	ng	99
89) Benzo(k)fluoranthene	15.03	252	877306	42.514	ng	99
90) Benzo(a)pyrene	15.35	252	856659	41.497	ng	100
91) Dibenzo(a,h)anthracene	16.86	278	848434	39.897	ng	99
92) Benzo(g,h,i)perylene	17.28	276	854581	40.757	ng	99

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

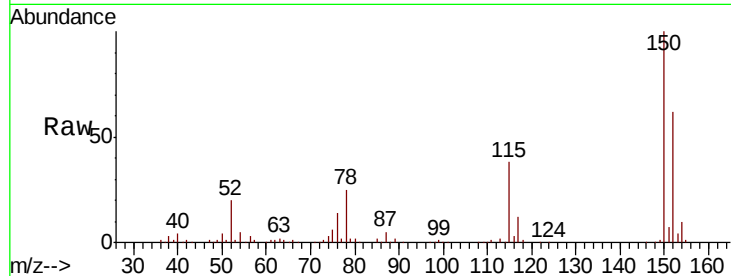


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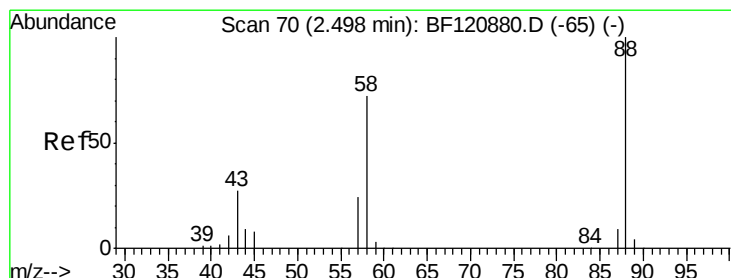
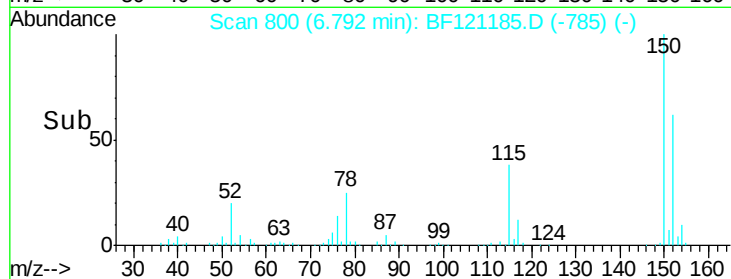
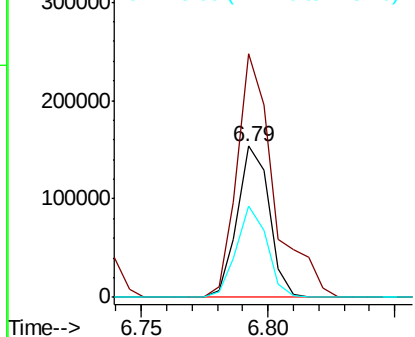
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion:152 Resp: 134154
Ion Ratio Lower Upper
152 100
150 161.2 125.6 188.4
115 60.7 46.2 69.2



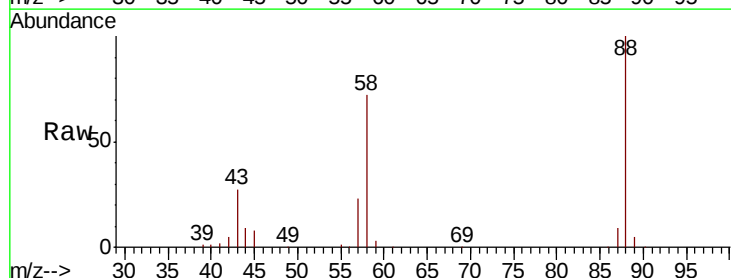
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



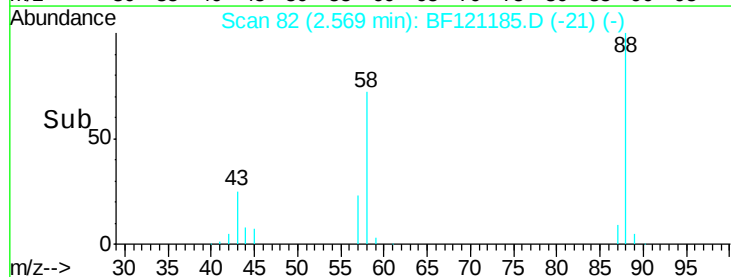
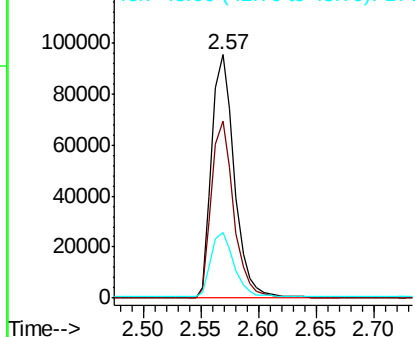
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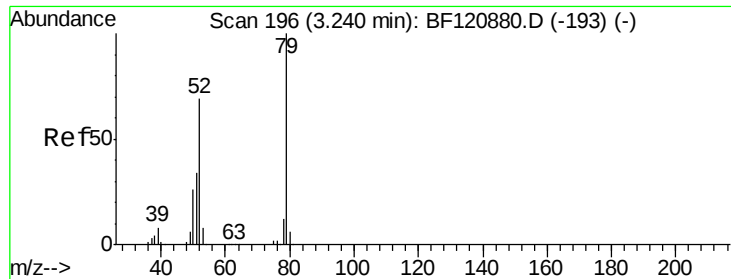
1,4-Dioxane
Concen: 34.995 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.06 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion: 88 Resp: 131798
Ion Ratio Lower Upper
88 100
58 71.4 58.2 87.4
43 26.6 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

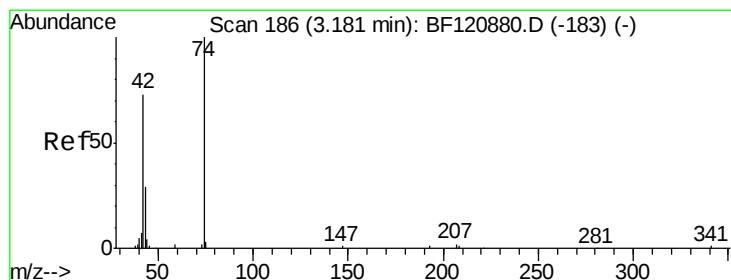
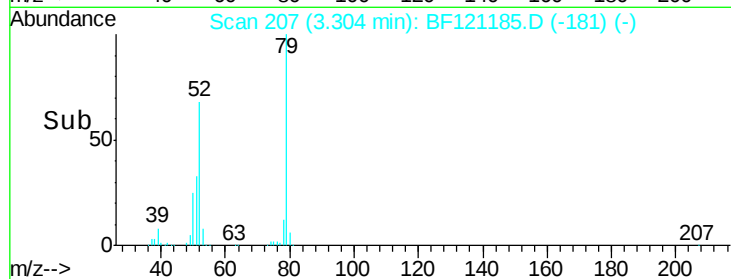
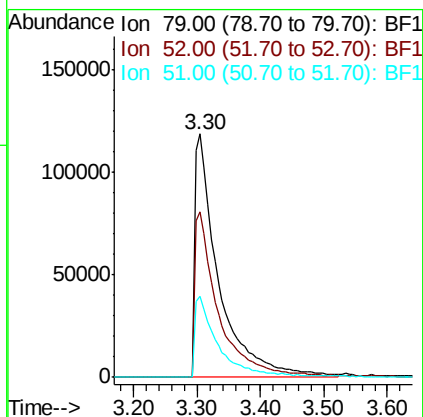
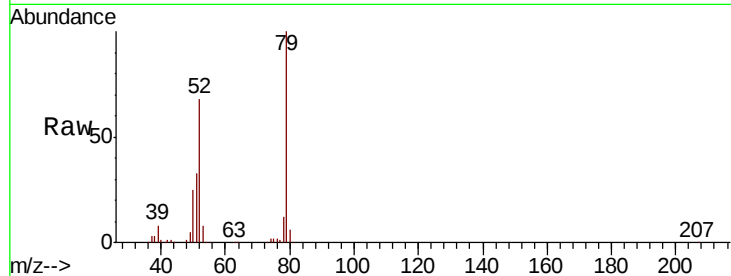




#3
 Pvridine
 Concen: 30.637 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.05 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

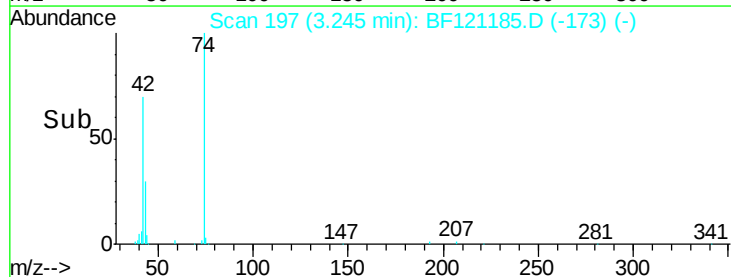
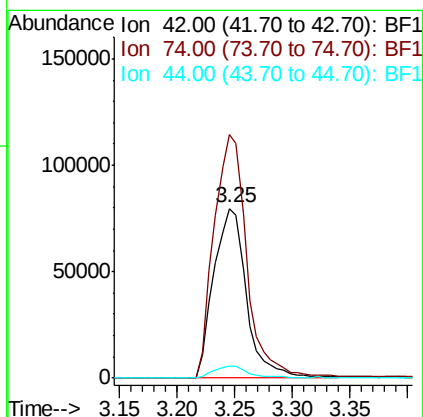
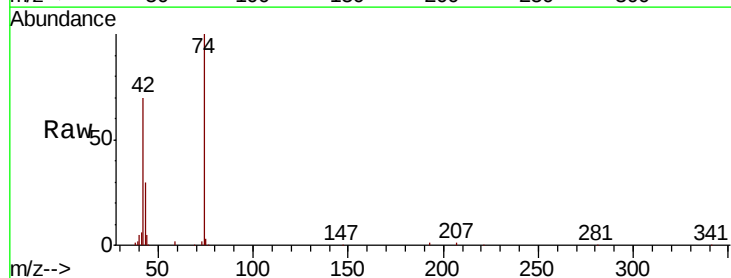
Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

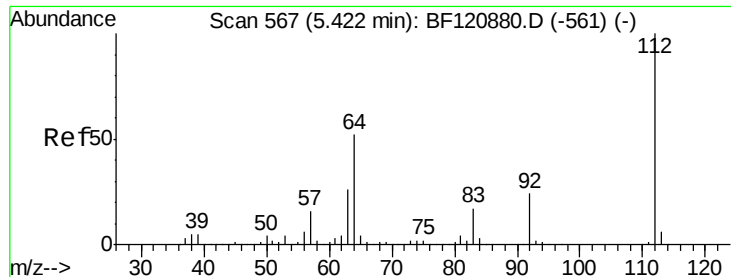
Tot Ion	Ratio	Lower	Upper
79	100		
52	68.2	54.9	82.3
51	33.3	27.4	41.0



#4
 n-Nitrosodimethylamine
 Concen: 36.650 ng
 RT: 3.25 min Scan# 197
 Delta R.T. 0.04 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.3	117.3	175.9
44	6.8	5.9	8.9





#5

2-Fluorophenol

Concen: 100.055 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

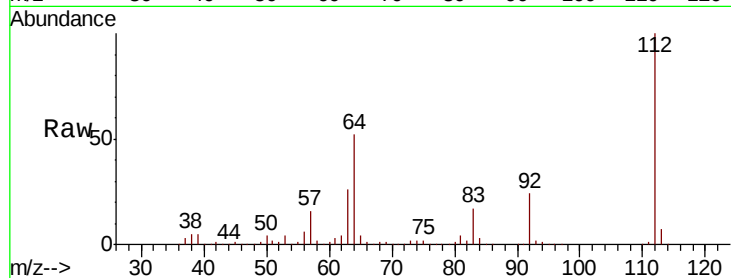
Tot Ion:112 Resp: 818781

Ion Ratio Lower Upper

112 100

64 52.3 43.9 65.9

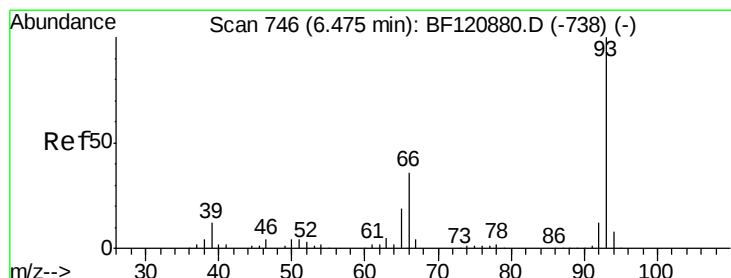
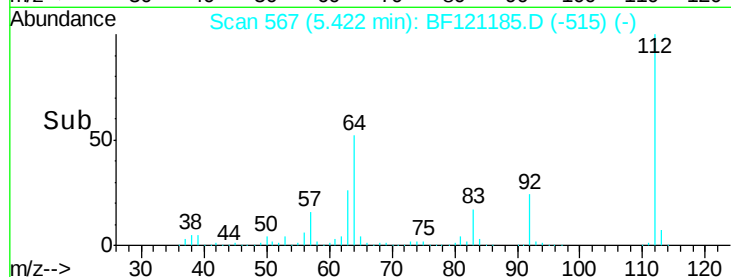
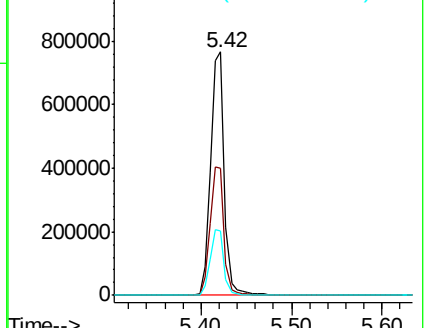
63 26.4 22.7 34.1



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: 30.519 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

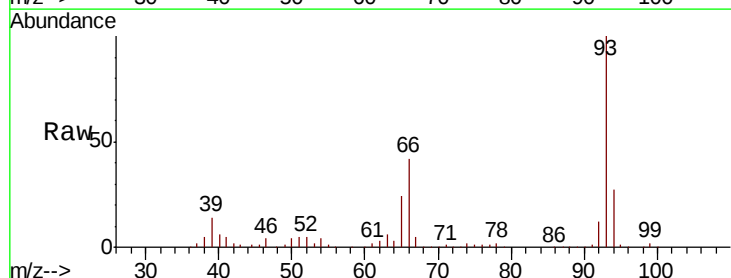
Tgt Ion: 93 Resp: 421117

Ion Ratio Lower Upper

93 100

66 42.3 31.0 46.4

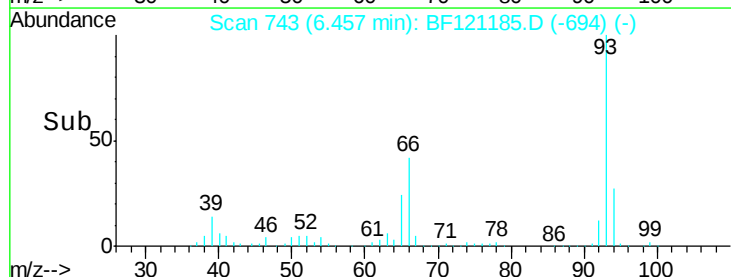
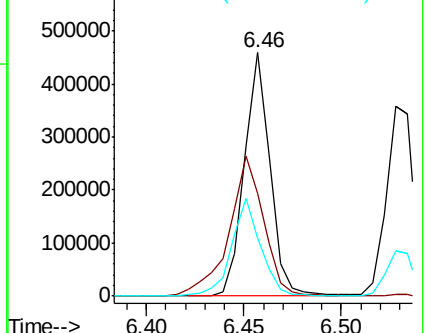
65 24.1 16.2 24.4

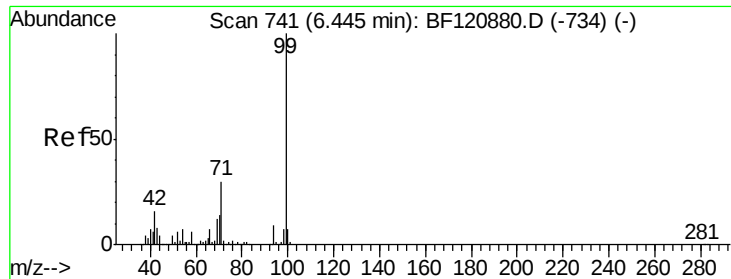


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.774 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

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ClientSampleId :

PB130683BS

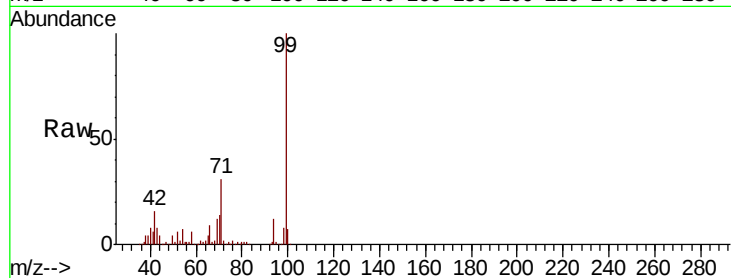
Tot Ion: 99 Resp: 991265

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

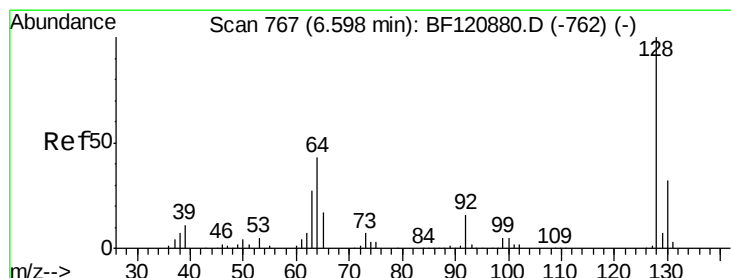
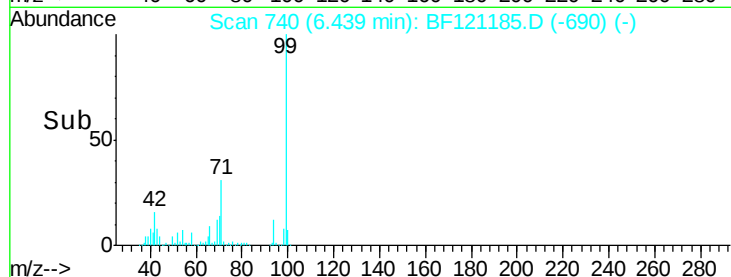
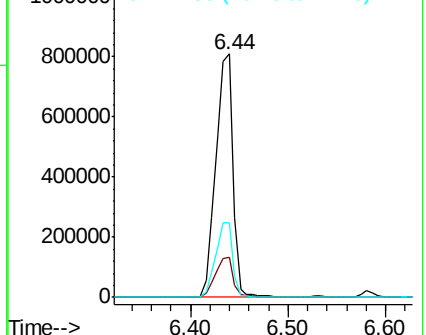
71 30.7 25.0 37.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.997 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

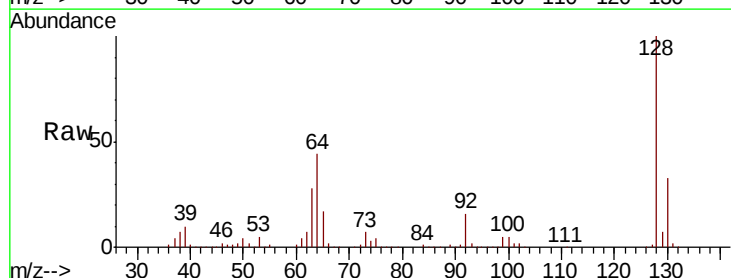
Tgt Ion: 128 Resp: 369586

Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

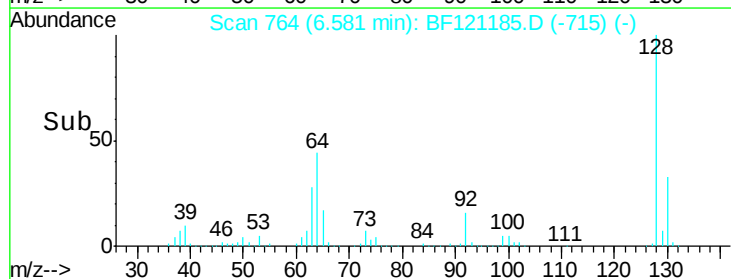
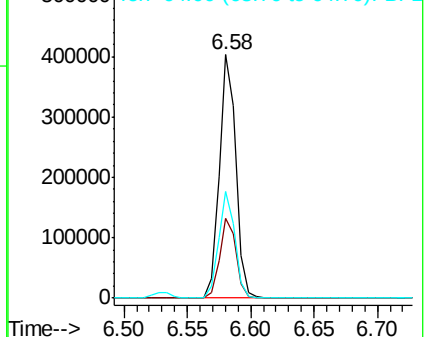
64 44.1 23.8 63.8

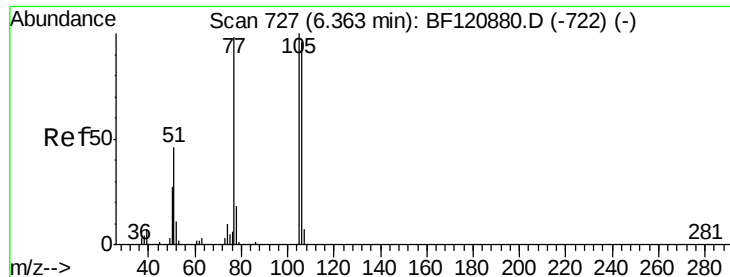


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 48.863 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

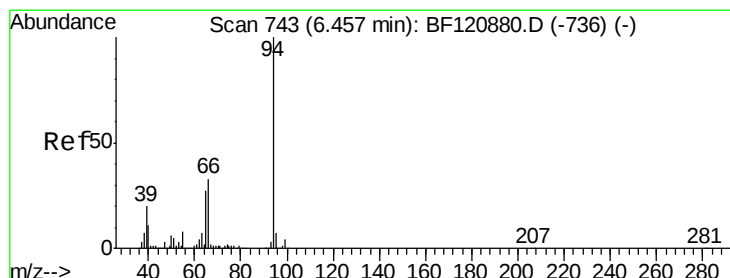
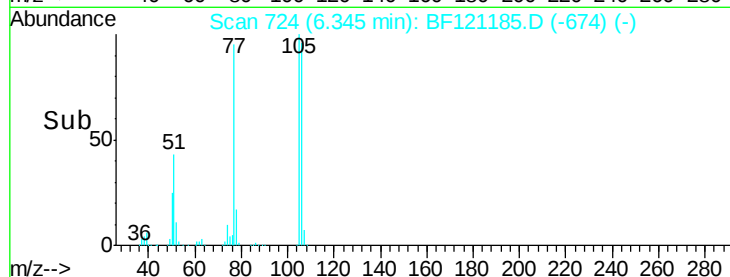
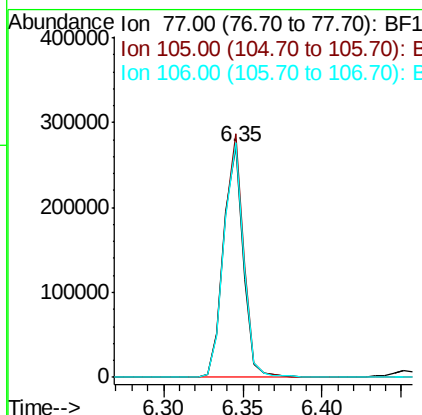
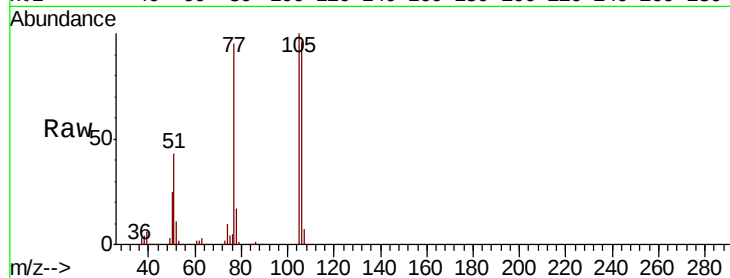
Tot Ion: 77 Resp: 236112

Ion Ratio Lower Upper

77 100

105 105.6 82.4 122.4

106 101.7 78.9 118.9



#10

Phenol

Concen: 37.171 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

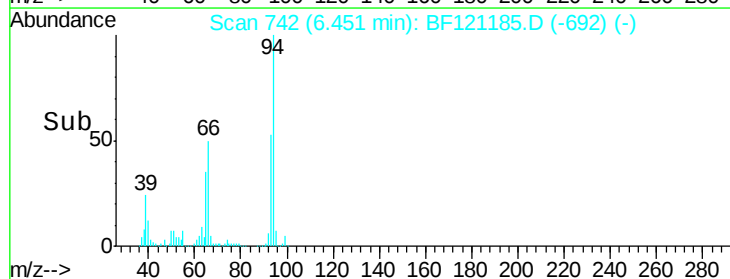
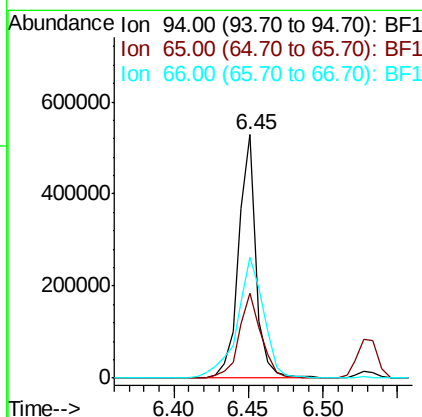
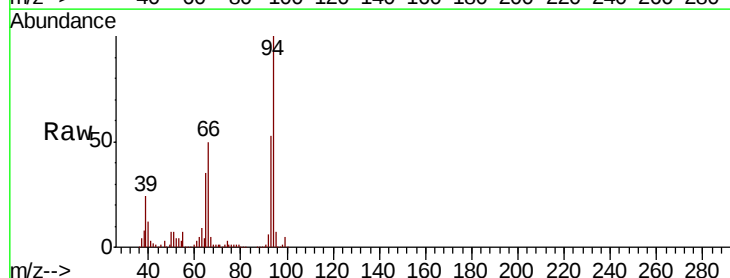
Tgt Ion: 94 Resp: 432229

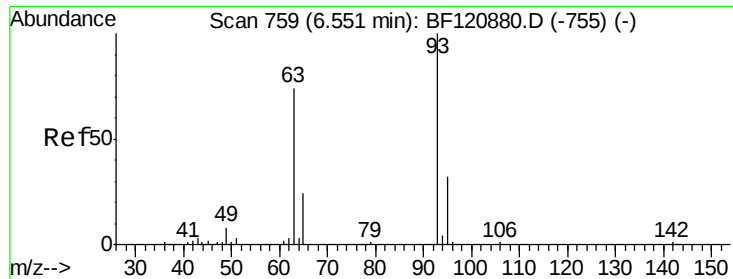
Ion Ratio Lower Upper

94 100

65 34.7 12.6 52.6

66 49.7 25.6 65.6

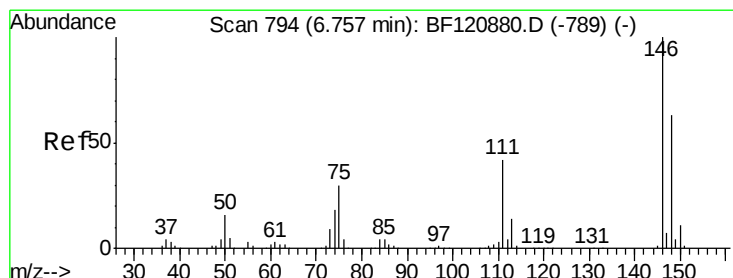
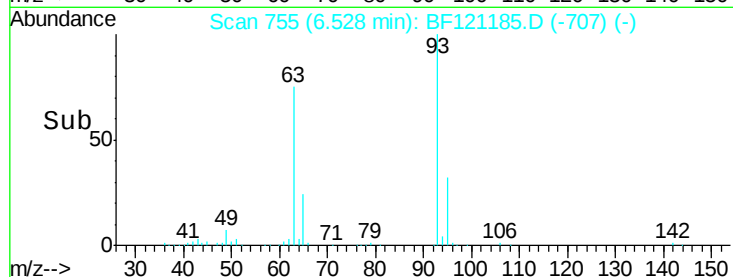
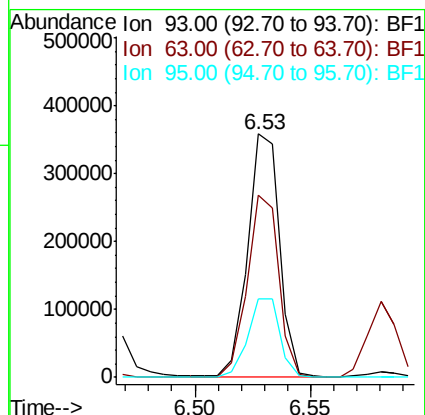
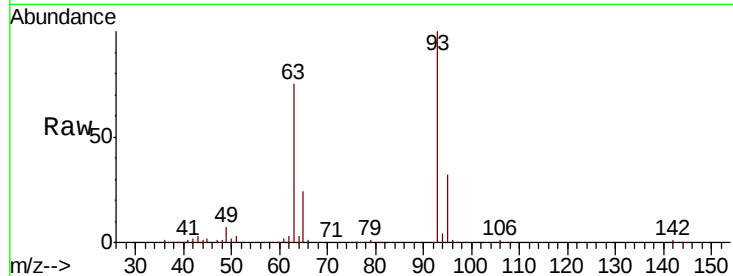




#11
bis(2-Chloroethyl)ether
Concen: 38.876 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

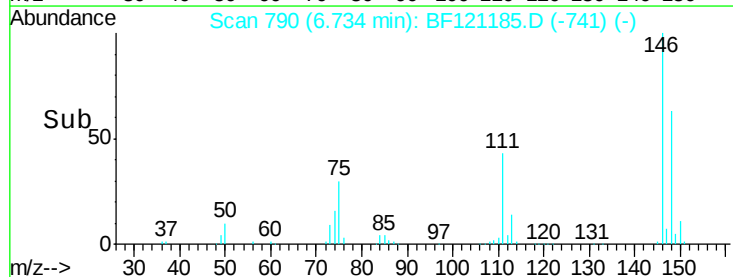
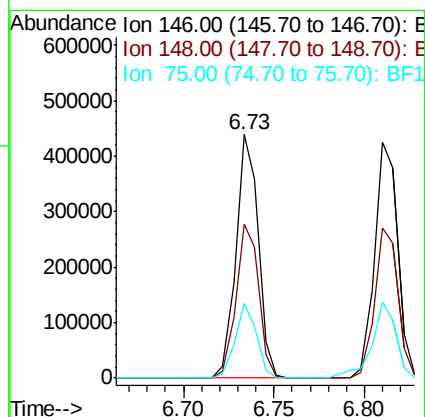
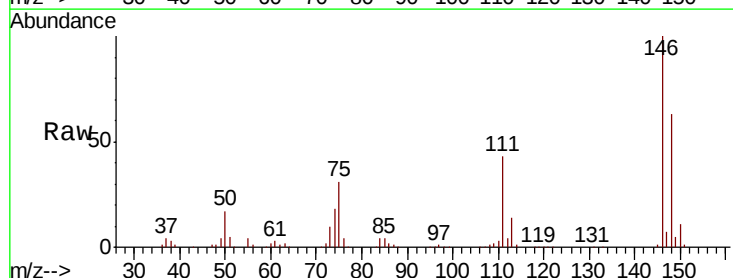
Instrument :
BNA_F
ClientSampleId :
PB130683BS

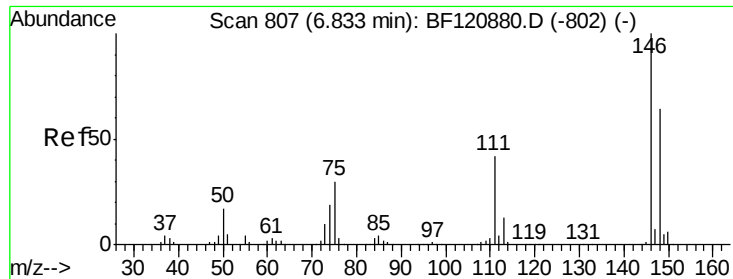
Tot Ion: 93 Resp: 346447
Ion Ratio Lower Upper
93 100
63 74.8 51.9 91.9
95 32.3 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 38.485 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion: 146 Resp: 376212
Ion Ratio Lower Upper
146 100
148 63.5 51.7 77.5
75 30.7 23.8 35.6

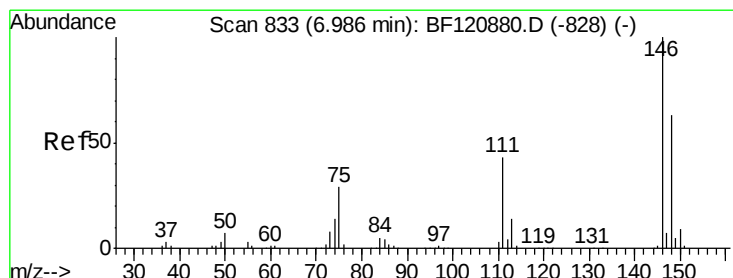
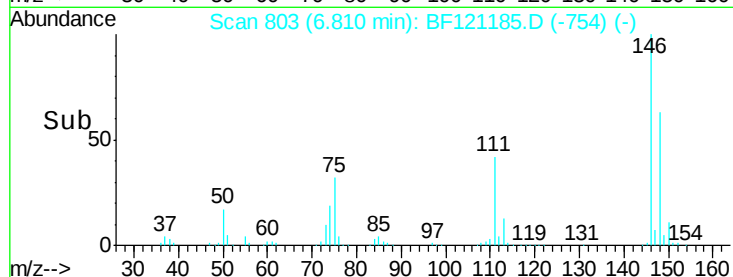
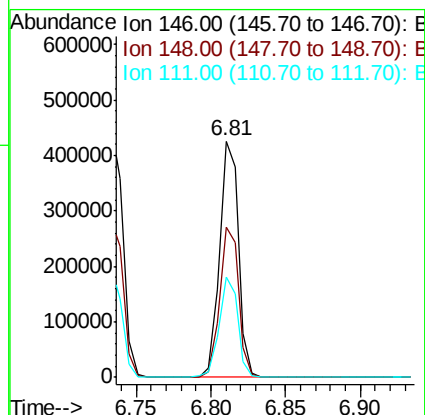
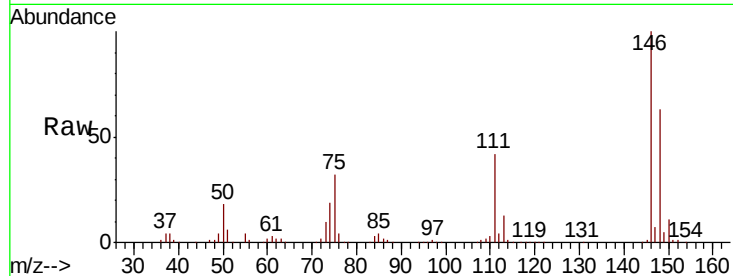




#13
 1,4-Dichlorobenzene
 Concen: 38.872 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

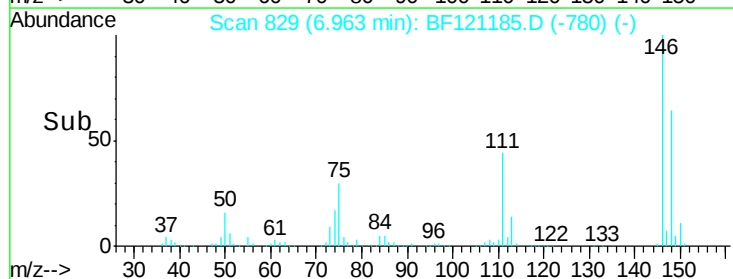
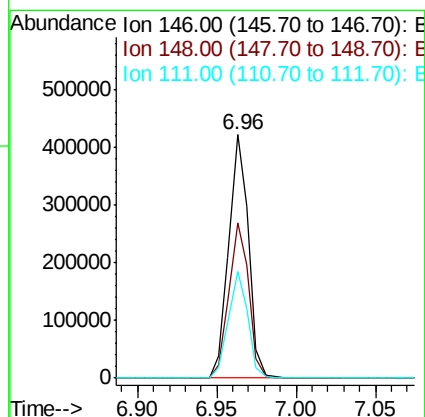
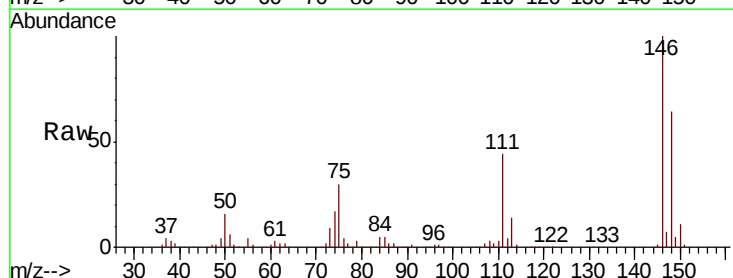
Instrument :
 BNA_F
 ClientSampled :
 PB130683BS

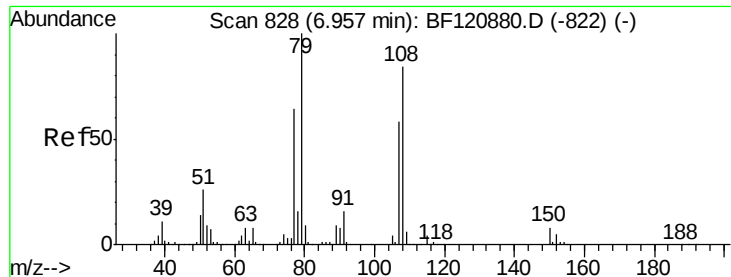
Tot Ion:146 Resp: 377851
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.5 75.7
 111 42.5 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 39.631 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion:146 Resp: 364440
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 43.8 35.4 53.0

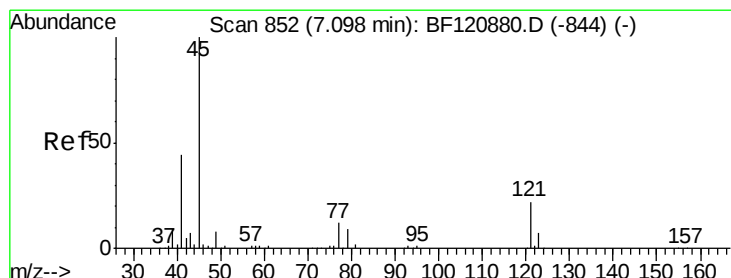
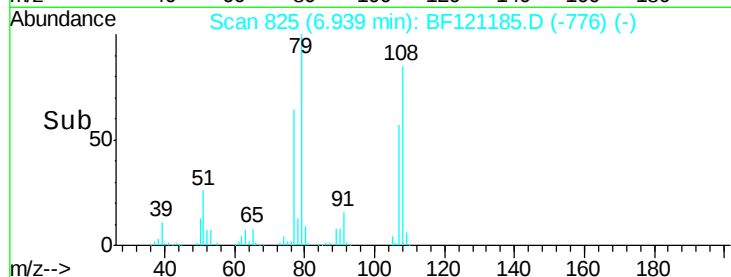
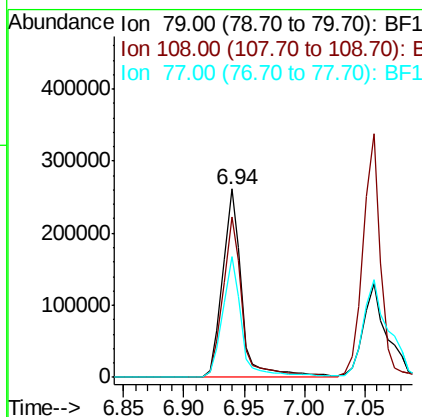
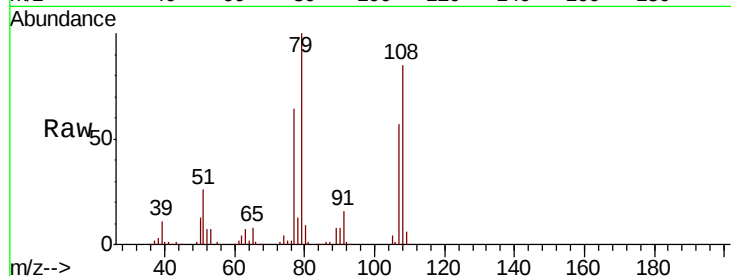




#15
Benzyl Alcohol
Concen: 38.588 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

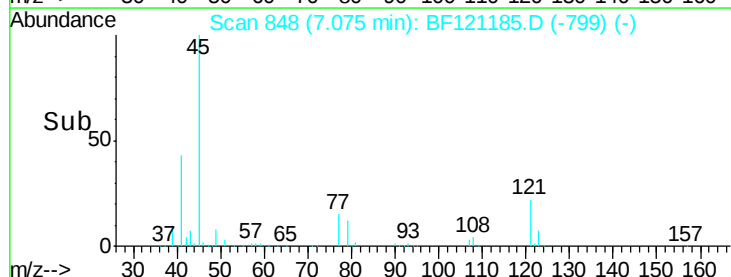
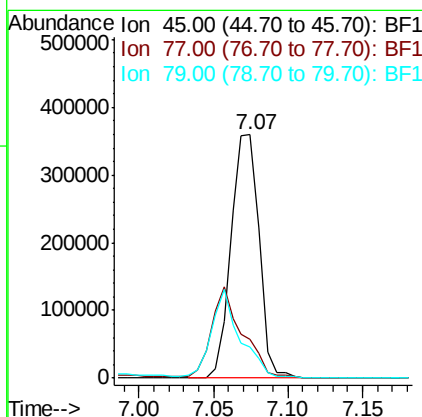
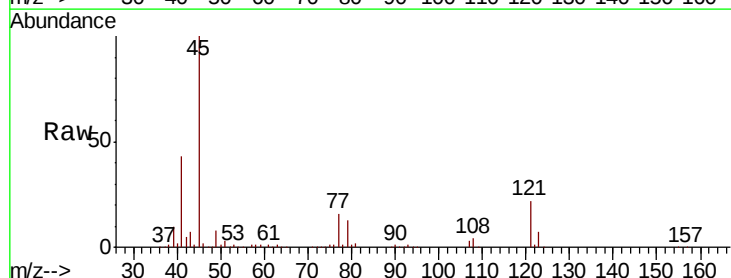
Instrument :
BNA_F
ClientSampleId :
PB130683BS

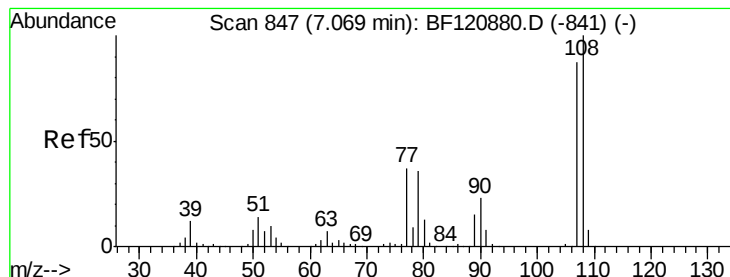
Tot Ion: 79 Resp: 288468
Ion Ratio Lower Upper
79 100
108 85.1 68.6 103.0
77 64.4 51.4 77.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.001 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion: 45 Resp: 475272
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.7
79 12.7 0.0 32.0

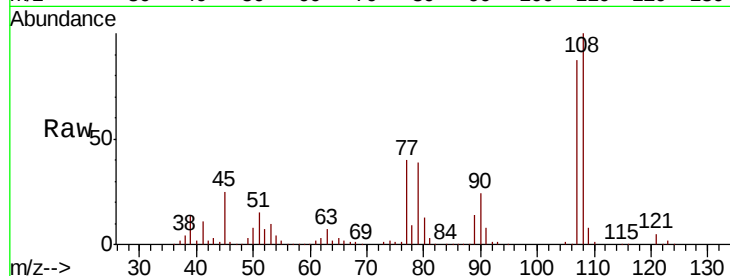




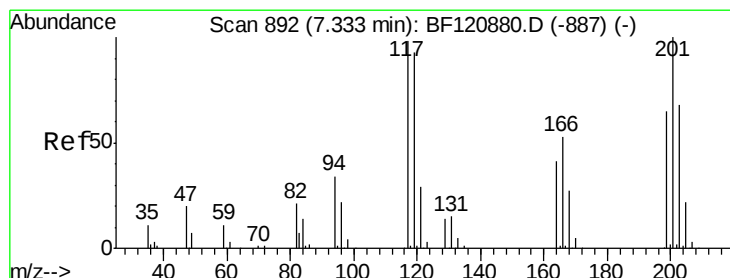
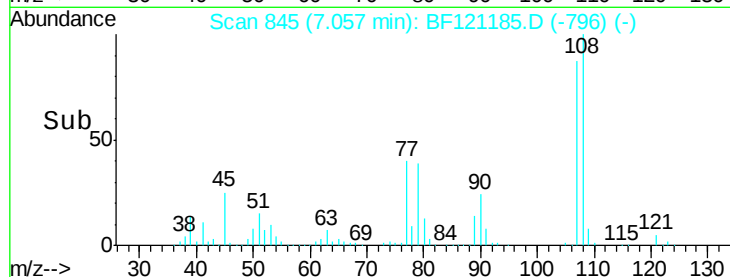
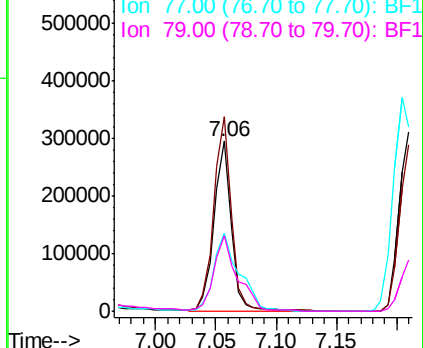
#17
2-Methylphenol
Concen: 36.534 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion:	107	Resp:	291920
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.2	136.8
77	45.9	36.5	54.7
79	44.4	35.0	52.6

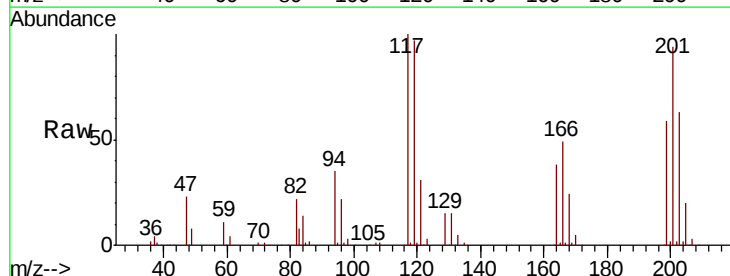


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

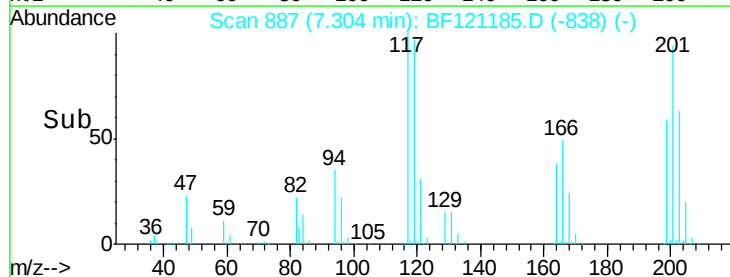
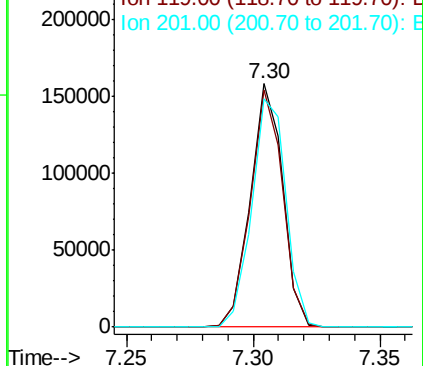


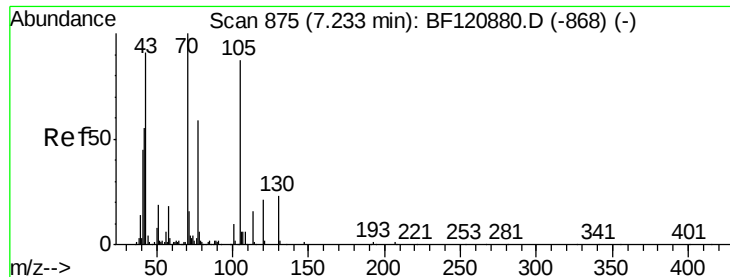
#18
Hexachloroethane
Concen: 39.972 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion:	117	Resp:	140628
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.6	114.8
201	93.9	75.0	112.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

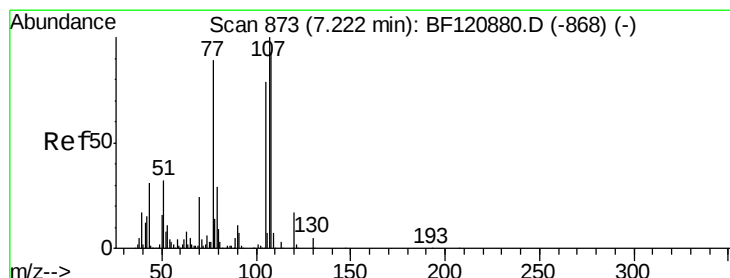
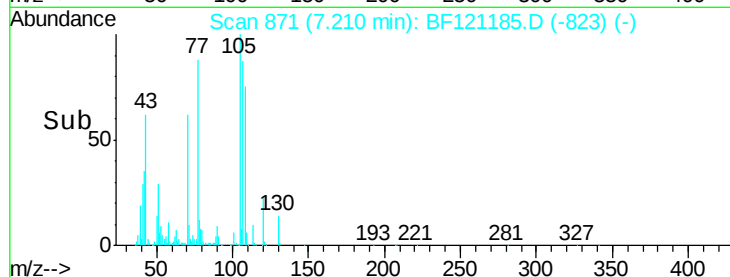
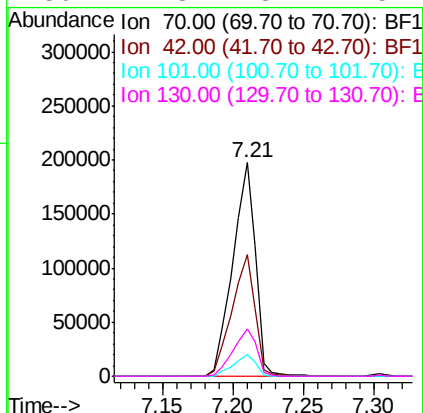
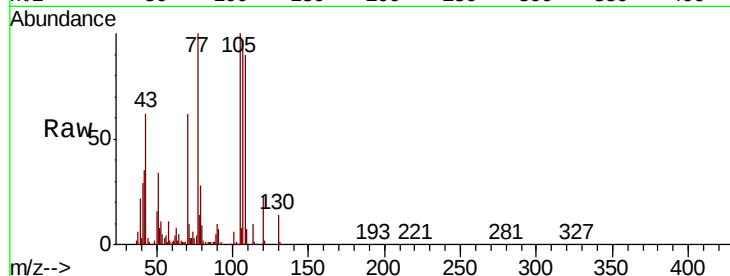




#19
n-Nitroso-di-n-propylamine
Concen: 36.809 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

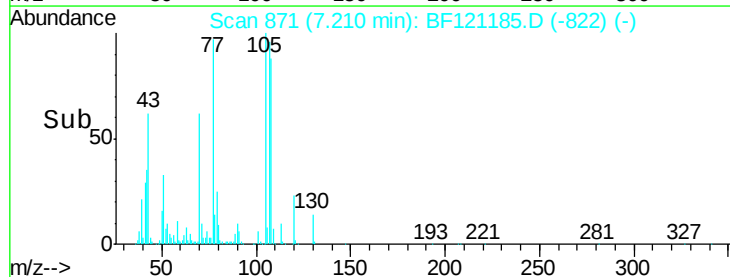
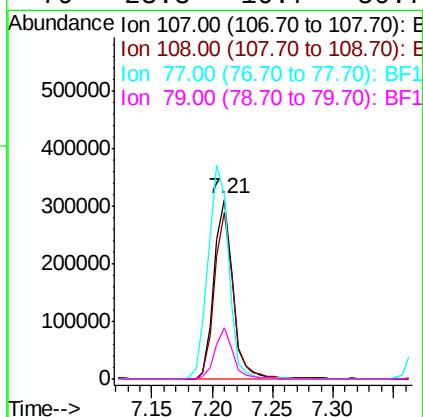
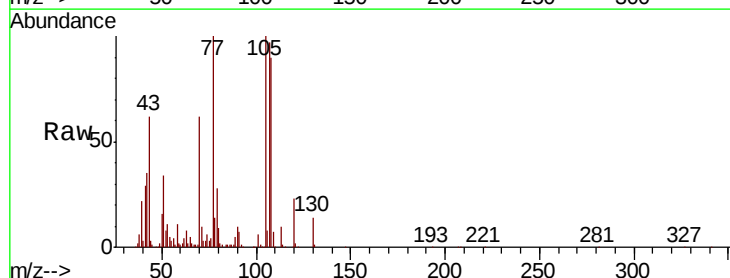
Instrument :
BNA_F
ClientSampleId :
PB130683BS

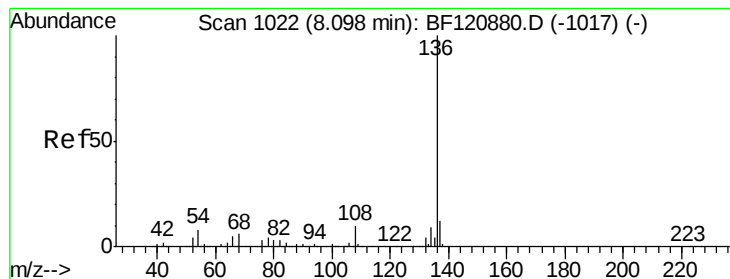
Tot Ion:	70	Resp:	221256
Ion	Ratio	Lower	Upper
70	100		
42	57.2	43.3	64.9
101	10.0	8.4	12.6
130	22.3	18.7	28.1



#20
3+4-Methylphenols
Concen: 32.992 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion:	107	Resp:	335343
Ion	Ratio	Lower	Upper
107	100		
108	92.9	73.7	113.7
77	102.3	84.9	124.9
79	28.8	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: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

Tot Ion:136 Resp: 507863

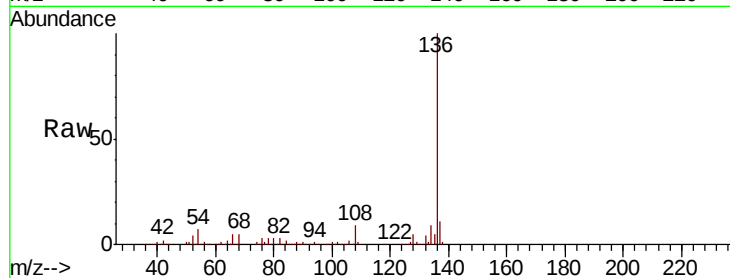
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.6 6.1 9.1

68 5.4 5.0 7.6

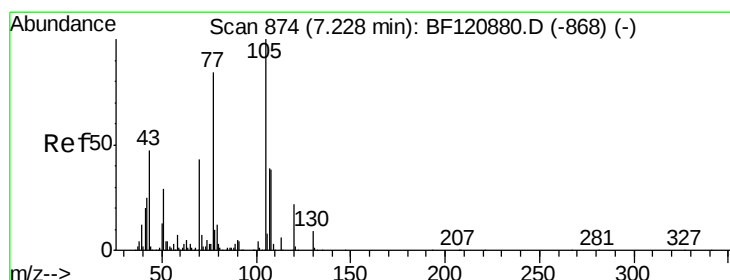
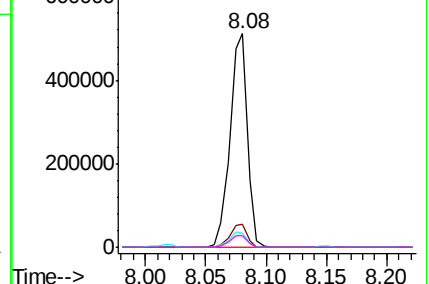
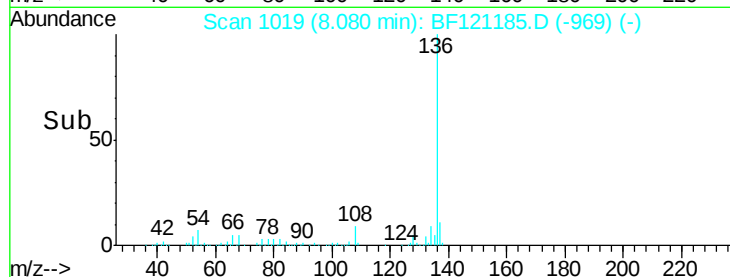


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.469 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Tgt Ion:105 Resp: 461264

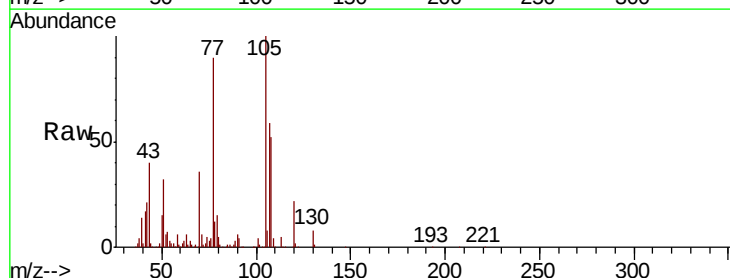
Ion Ratio Lower Upper

105 100

71 6.1 3.8 5.8#

51 31.6 28.0 42.0

120 22.5 17.8 26.6

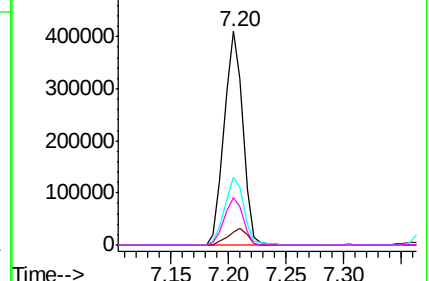
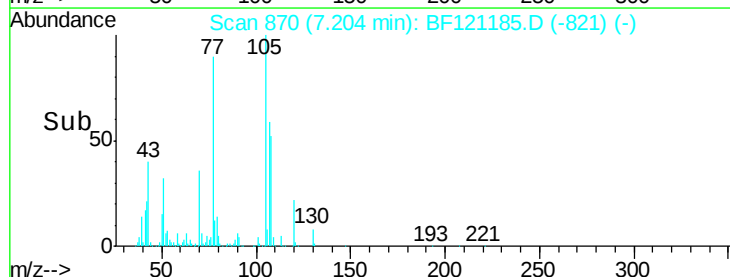


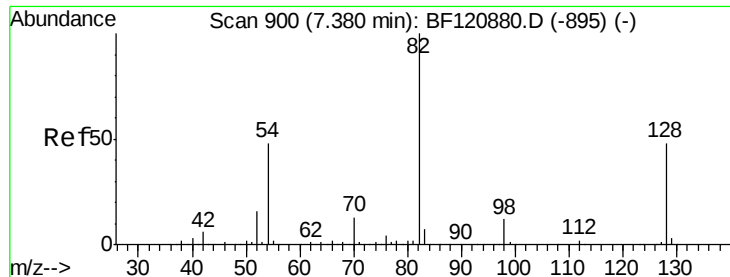
Abundance Ion 105.00 (104.70 to 105.70): E

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

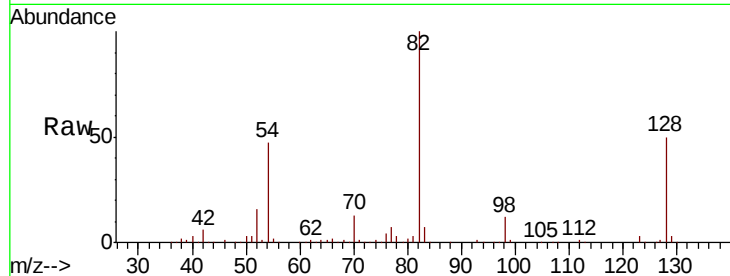




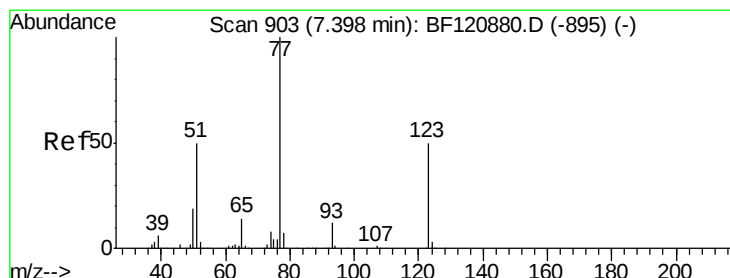
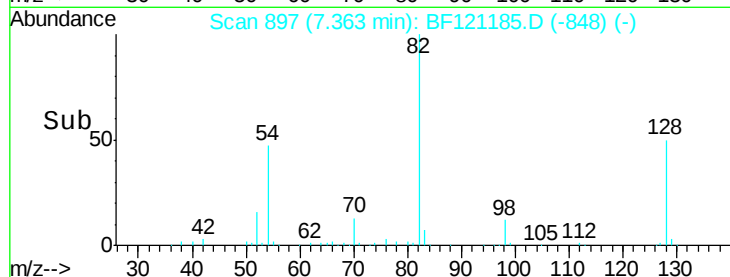
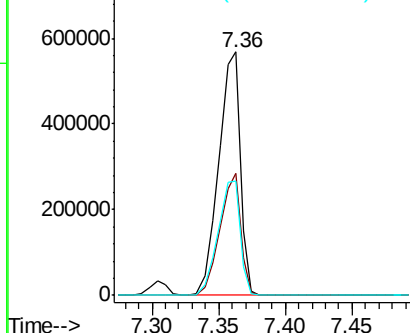
#23
 Nitrobenzene-d5
 Concen: 74.444 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion: 82 Resp: 653395
 Ion Ratio Lower Upper
 82 100
 128 50.1 39.2 58.8
 54 46.7 37.8 56.8

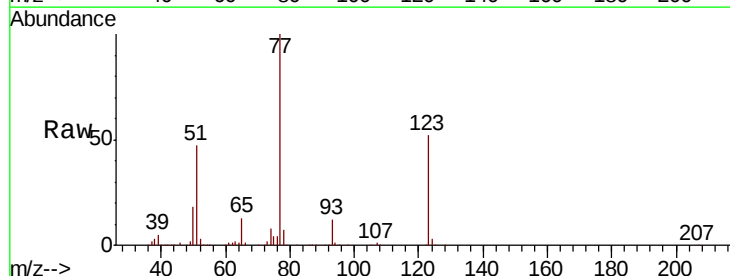


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

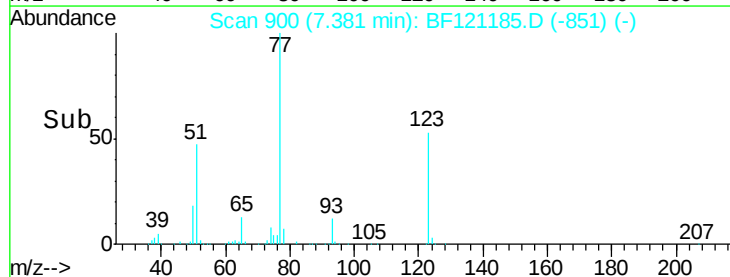
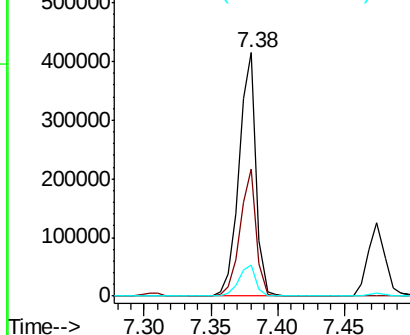


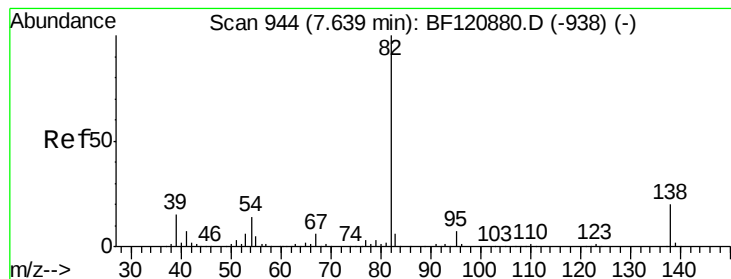
#24
 Nitrobenzene
 Concen: 38.917 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion: 77 Resp: 368153
 Ion Ratio Lower Upper
 77 100
 123 52.1 41.0 61.6
 65 12.9 10.3 15.5



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





#25

Isophorone

Concen: 37.992 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

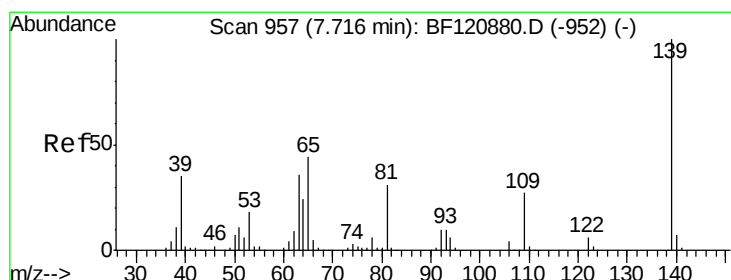
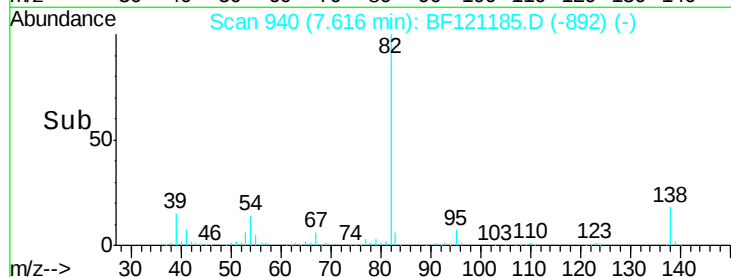
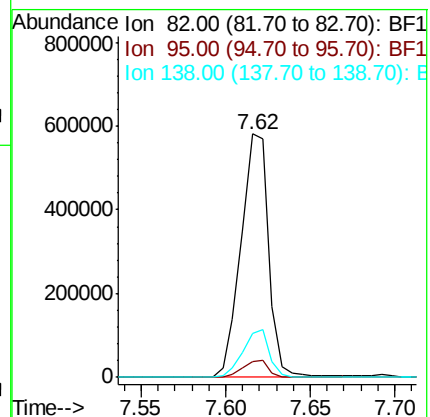
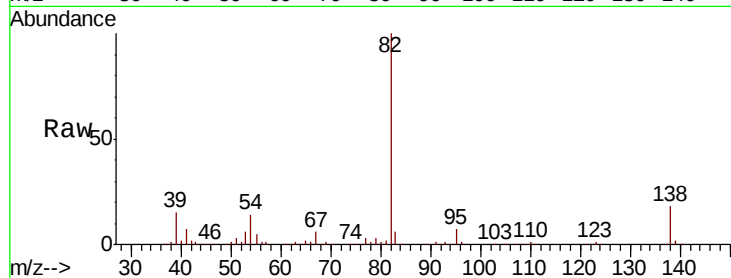
Tot Ion: 82 Resp: 665506

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

138 18.2 16.2 24.2



#26

2-Nitrophenol

Concen: 44.345 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

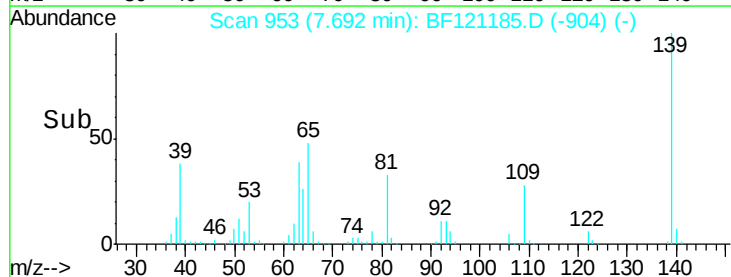
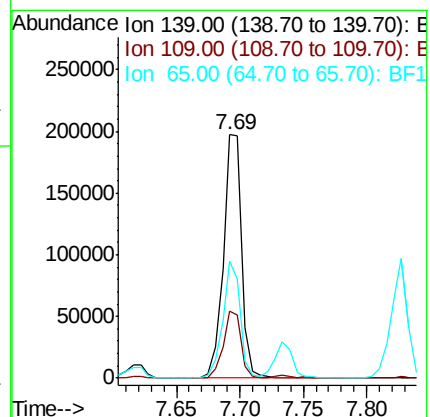
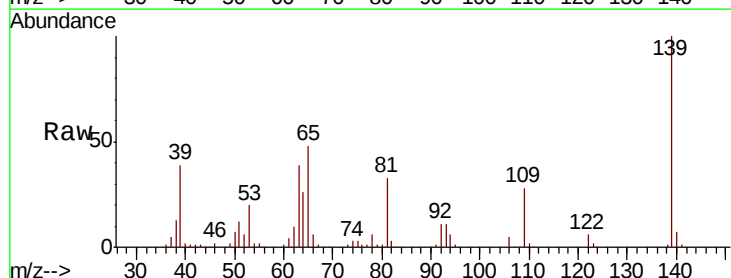
Tgt Ion: 139 Resp: 199234

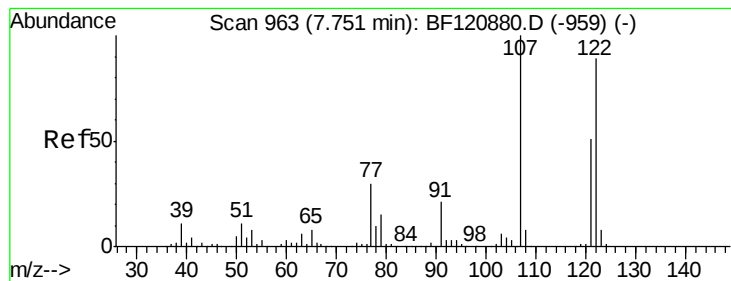
Ion Ratio Lower Upper

139 100

109 27.7 21.7 32.5

65 48.0 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 43.269 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

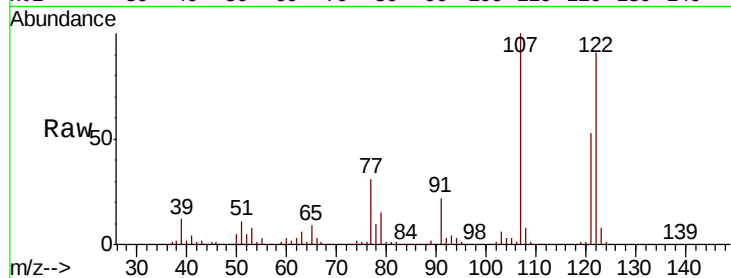
Tot Ion:122 Resp: 315624

Ion Ratio Lower Upper

122 100

107 110.4 87.1 130.7

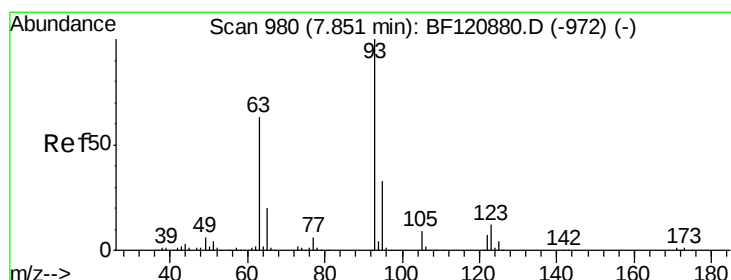
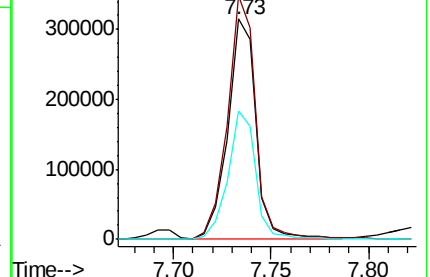
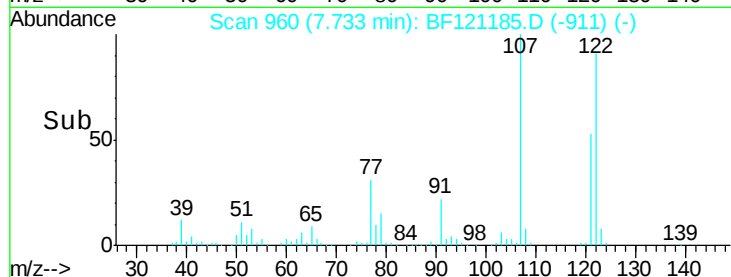
121 58.1 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.437 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

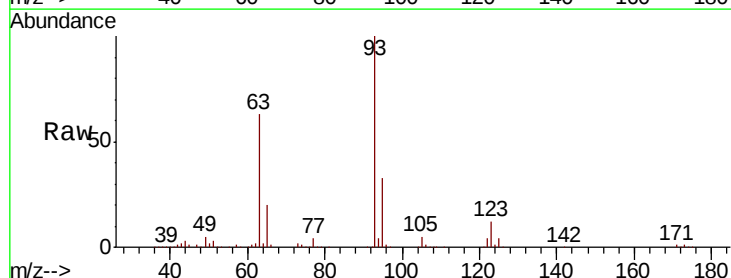
Tgt Ion: 93 Resp: 432382

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

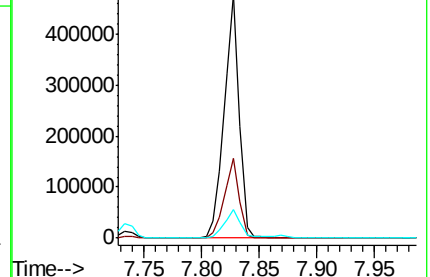
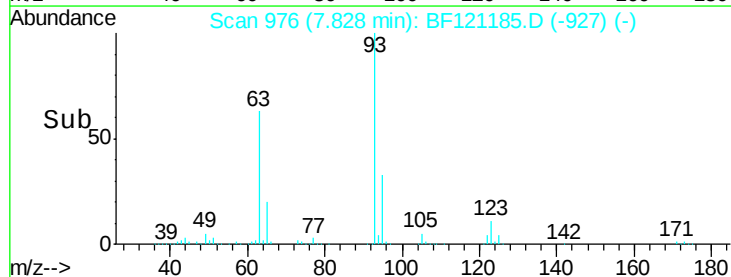
123 11.6 9.5 14.3

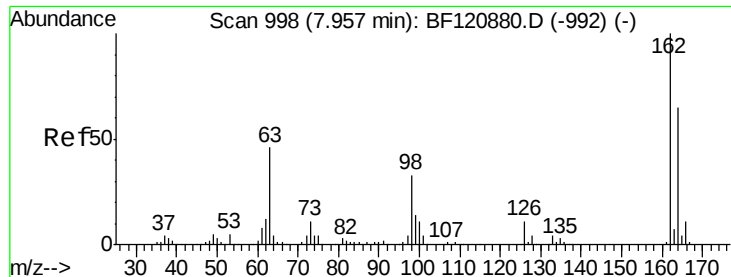


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

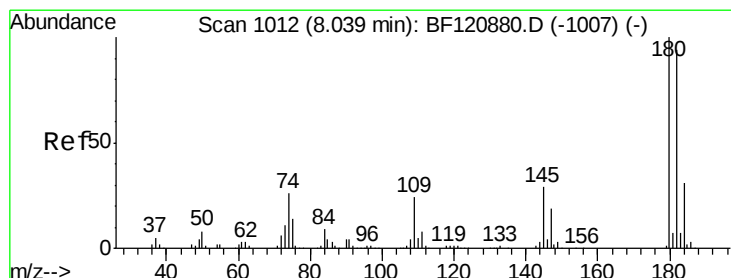
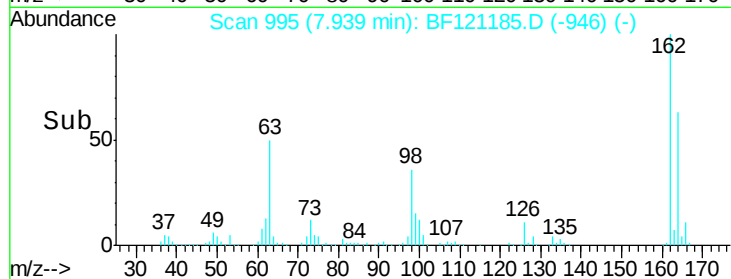
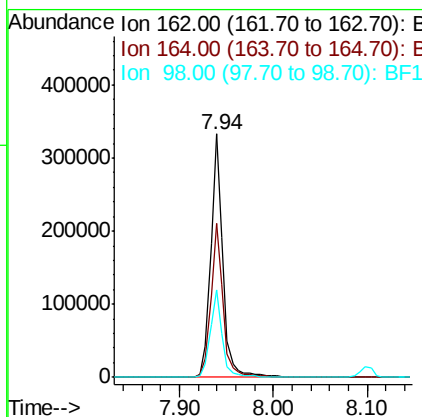
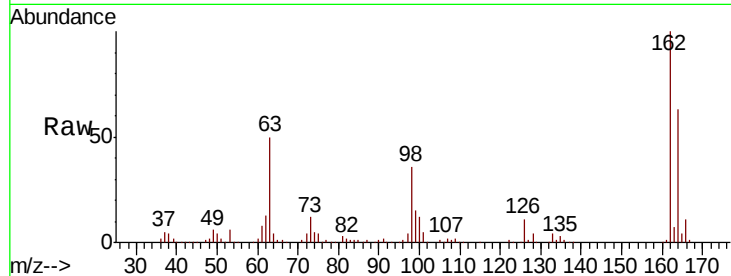




#29
 2,4-Dichlorophenol
 Concen: 41.003 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

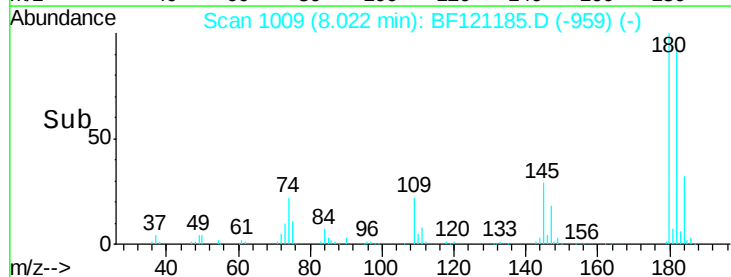
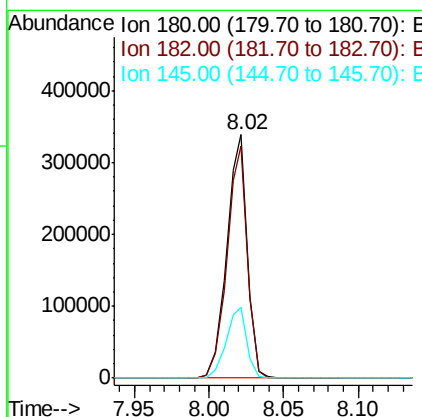
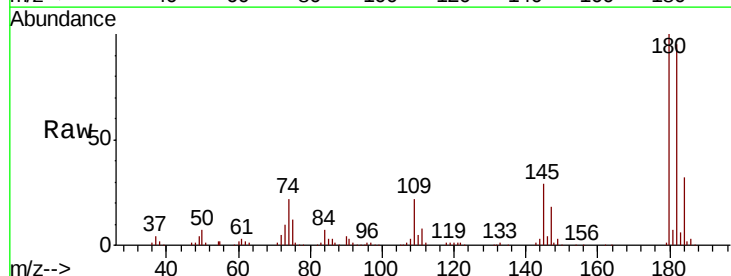
Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

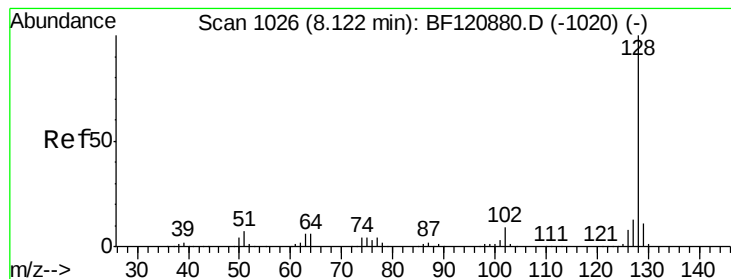
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.7	84.7
98	35.7	14.2	54.2



#30
 1,2,4-Trichlorobenzene
 Concen: 39.823 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.4	114.6
145	28.9	24.2	36.4





#31

Naphthalene

Concen: 38.905 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

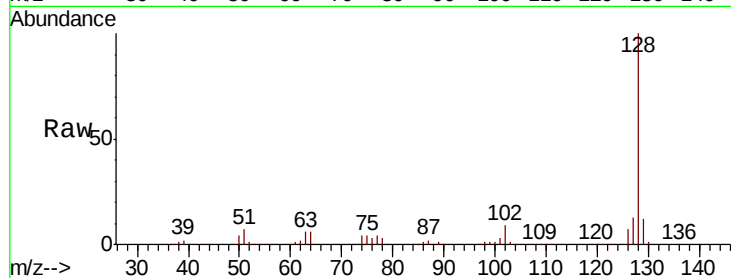
Tot Ion:128 Resp: 1013508

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

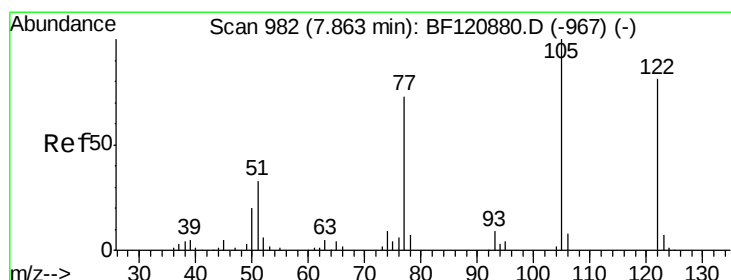
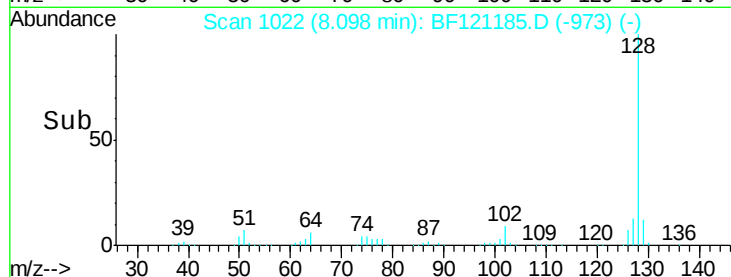
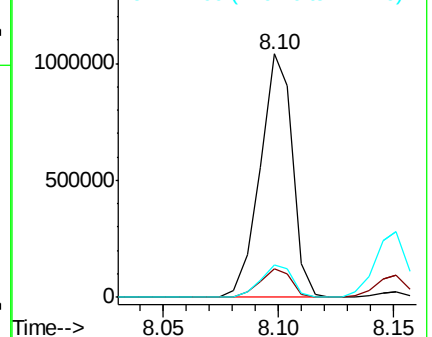
127 13.4 10.8 16.2



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: 30.257 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

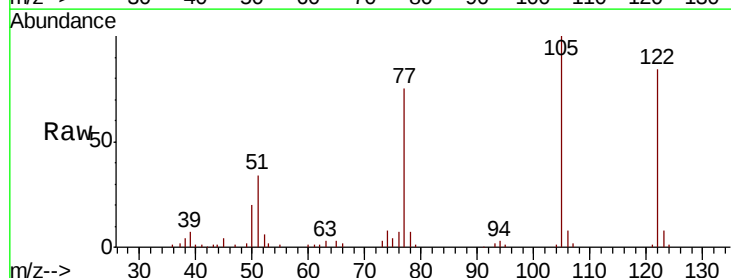
Tgt Ion:122 Resp: 165679

Ion Ratio Lower Upper

122 100

105 119.7 100.9 140.9

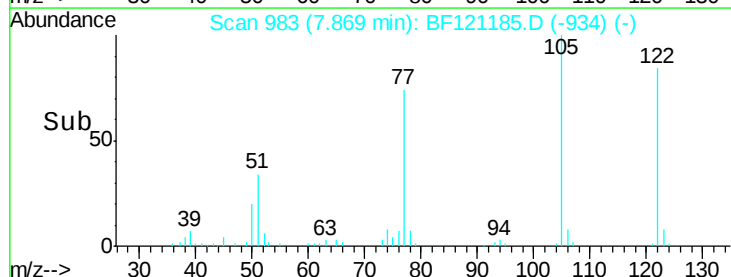
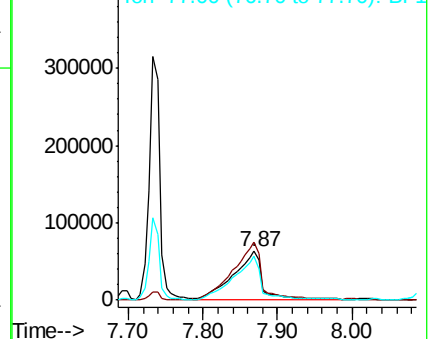
77 89.6 67.8 107.8

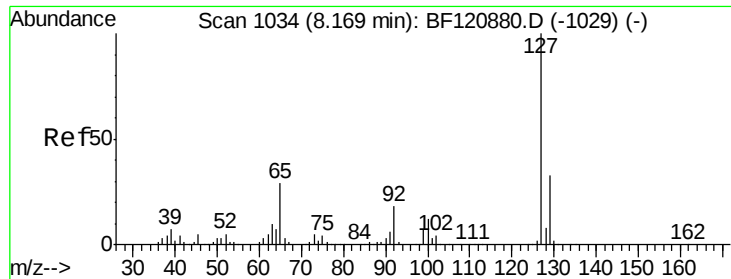


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

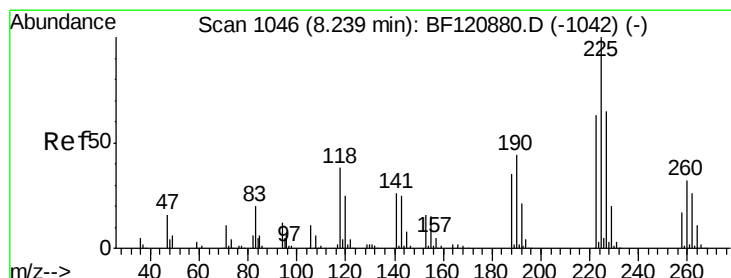
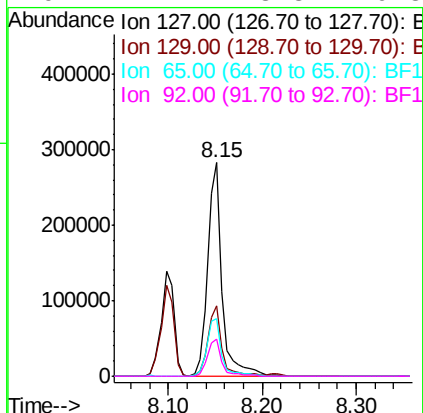
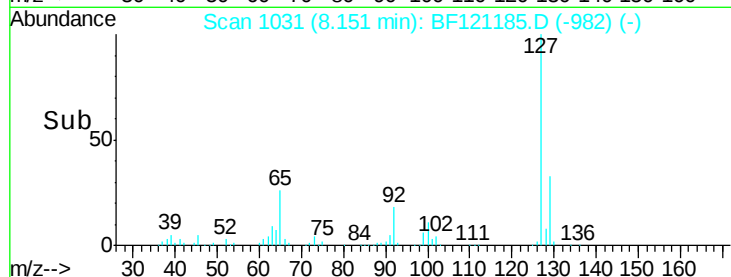
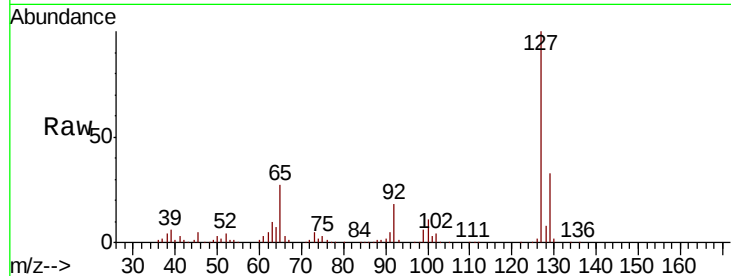




#33
4-Chloroaniline
Concen: 26.227 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

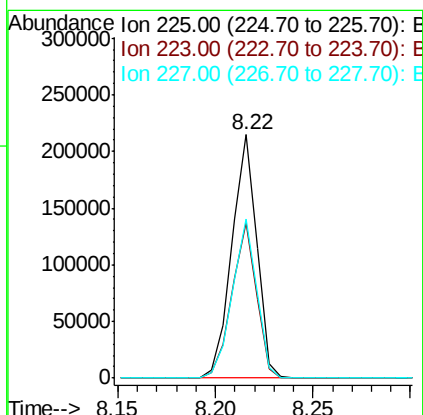
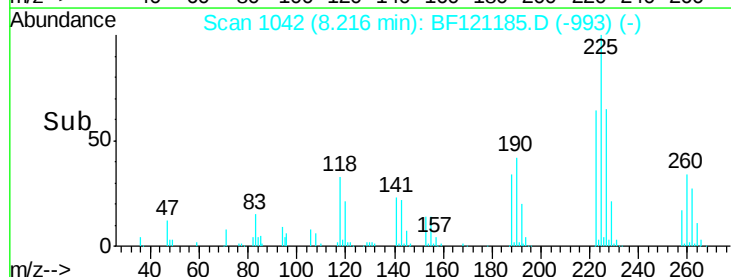
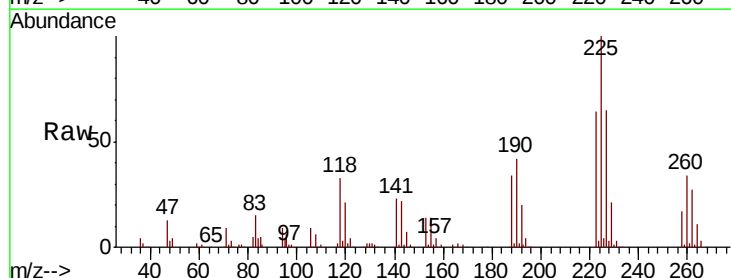
Instrument :
BNA_F
ClientSampleId :
PB130683BS

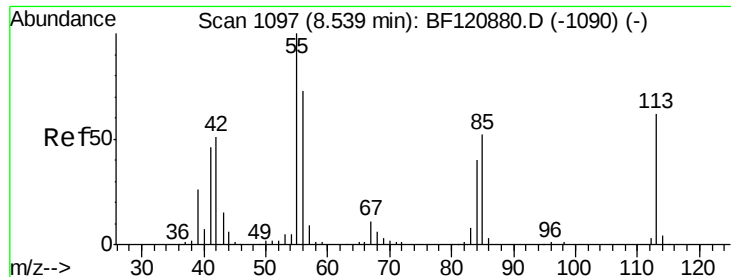
Tot Ion:	127	Resp:	304790
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	26.9	21.4	32.0
92	17.7	13.8	20.8



#34
Hexachlorobutadiene
Concen: 39.055 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion:	225	Resp:	190398
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.7	74.5
227	65.1	51.4	77.0

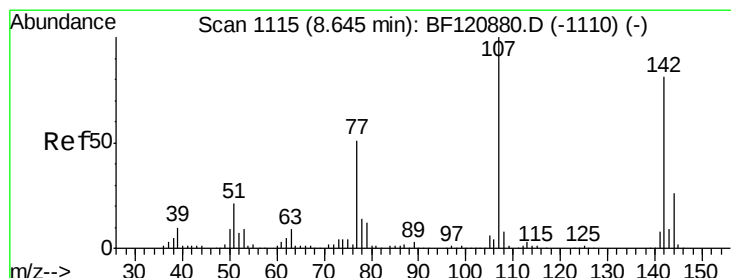
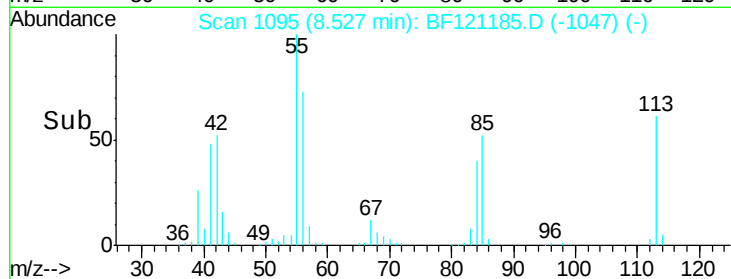
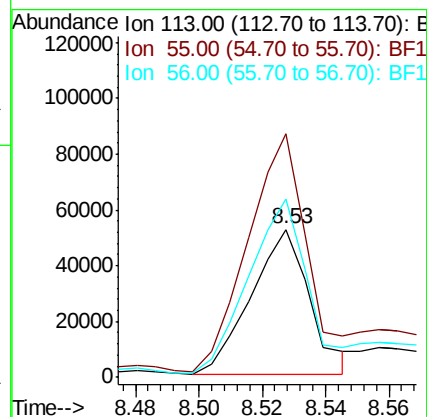
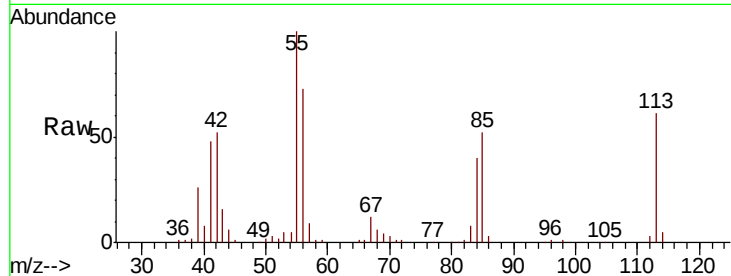




#35
 Caprolactam
 Concen: 27.977 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

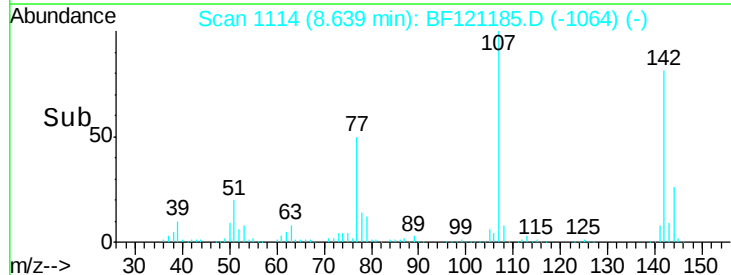
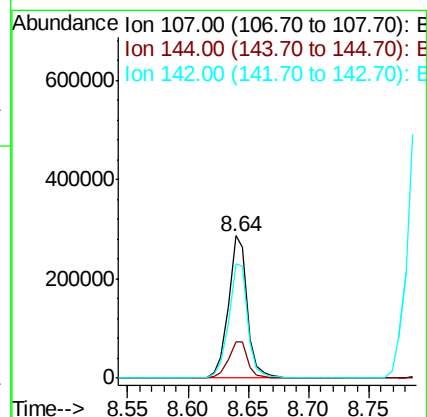
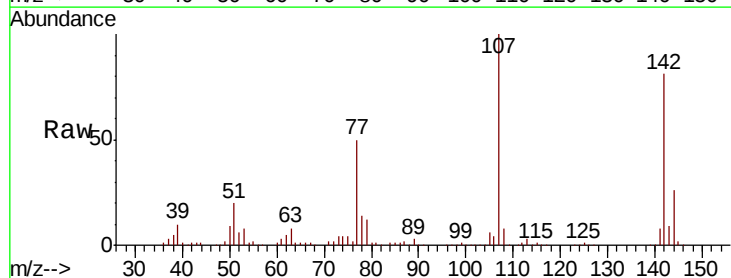
Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

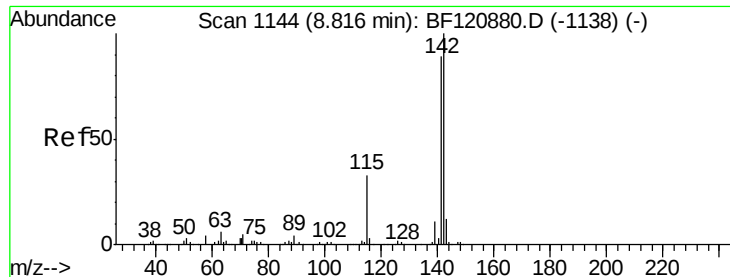
Tot Ion:113 Resp: 66876
 Ion Ratio Lower Upper
 113 100
 55 164.9 131.0 171.0
 56 120.5 90.4 130.4



#36
 4-Chloro-3-methylphenol
 Concen: 40.486 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion:107 Resp: 309508
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.9 31.3
 142 80.5 64.5 96.7

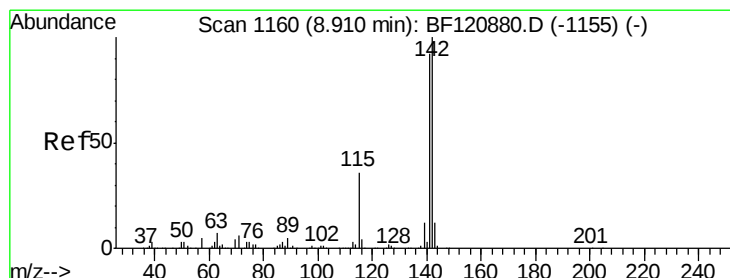
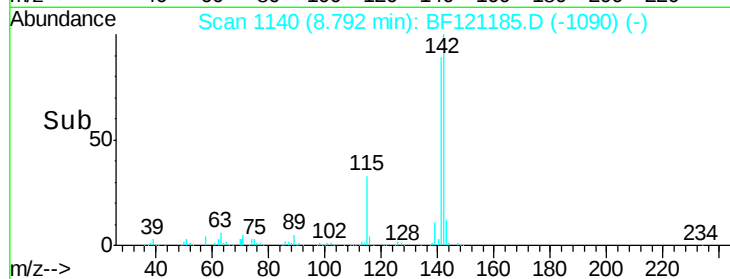
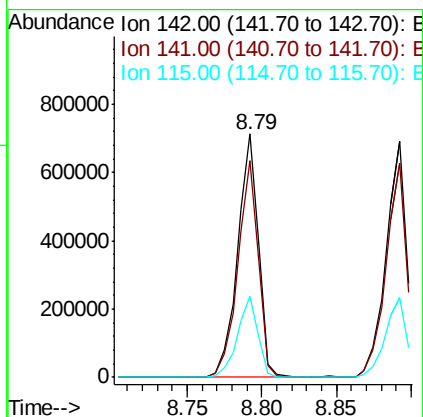
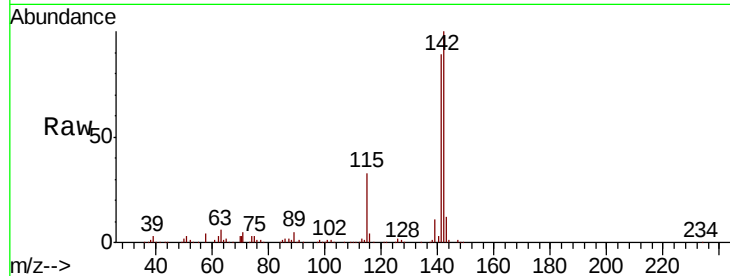




#37
2-Methylnaphthalene
Concen: 40.891 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

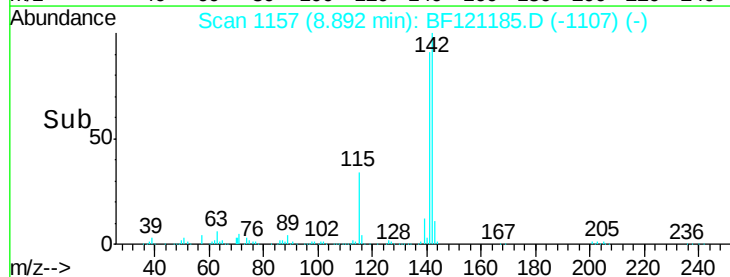
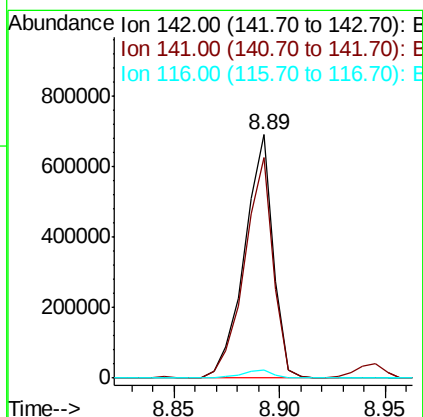
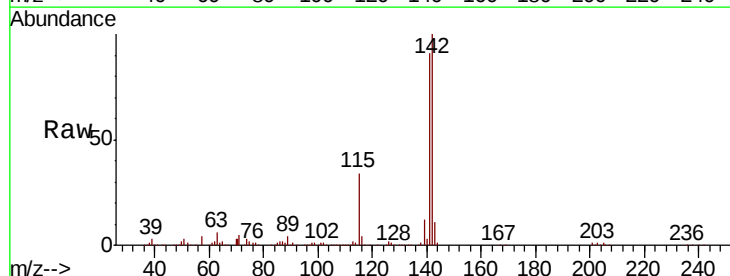
Instrument :
BNA_F
ClientSampleId :
PB130683BS

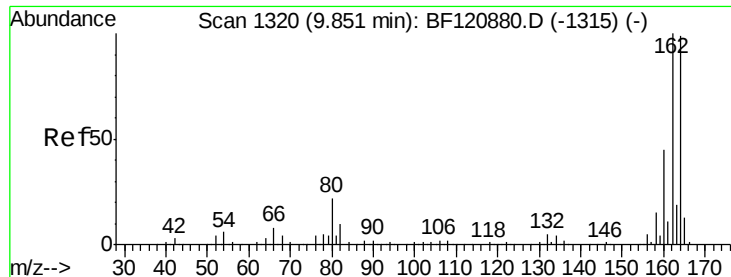
Tot Ion:142 Resp: 691668
Ion Ratio Lower Upper
142 100
141 89.0 70.6 105.8
115 33.4 27.1 40.7



#38
1-Methylnaphthalene
Concen: 40.441 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion:142 Resp: 647879
Ion Ratio Lower Upper
142 100
141 90.8 73.0 109.6
116 3.5 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

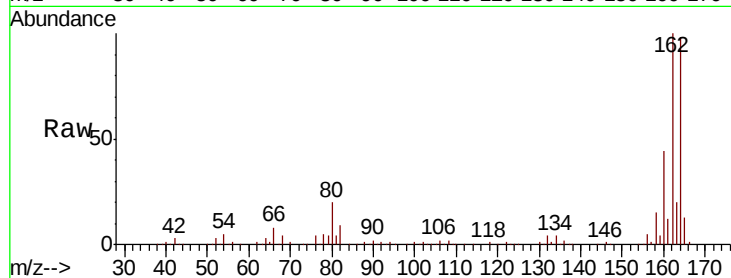
Tot Ion:164 Resp: 256497

Ion Ratio Lower Upper

164 100

162 101.6 82.2 123.2

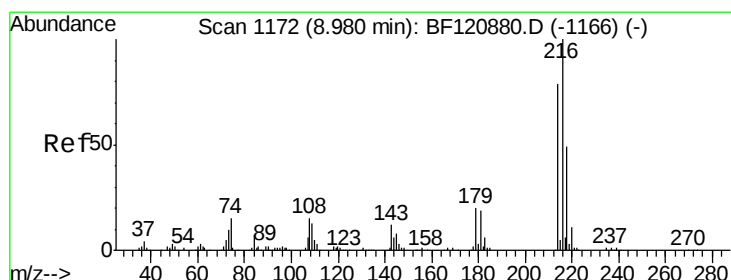
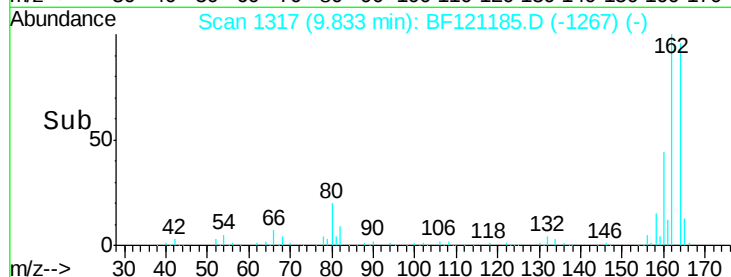
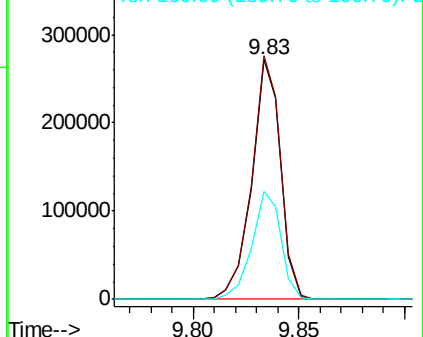
160 45.1 37.2 55.8



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: 42.627 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Tgt Ion:216 Resp: 318559

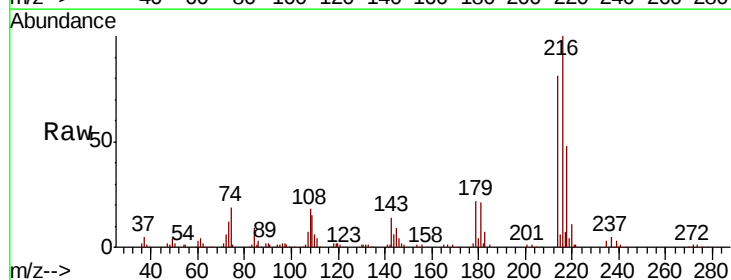
Ion Ratio Lower Upper

216 100

214 79.8 63.9 95.9

179 20.7 16.6 24.8

108 19.6 15.0 22.4

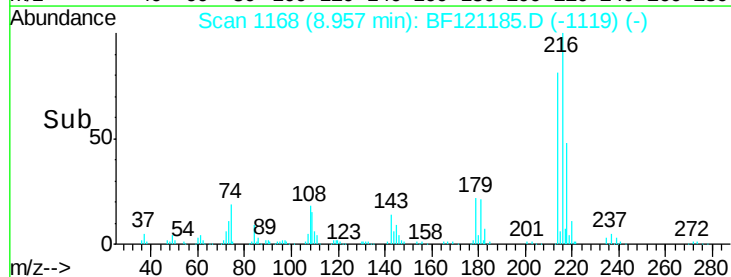
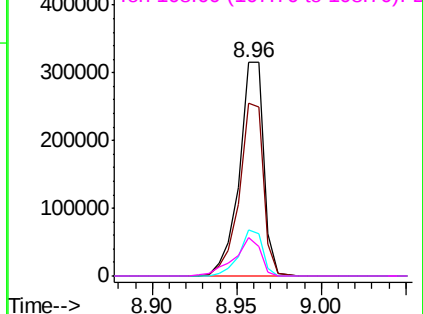


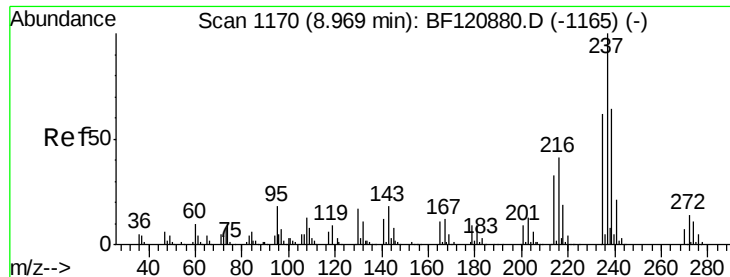
Abundance Ion 216.00 (215.70 to 216.70): E

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

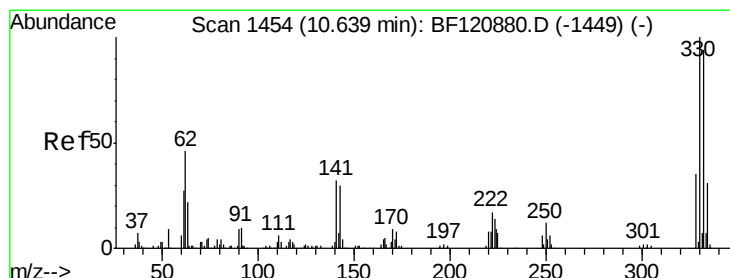
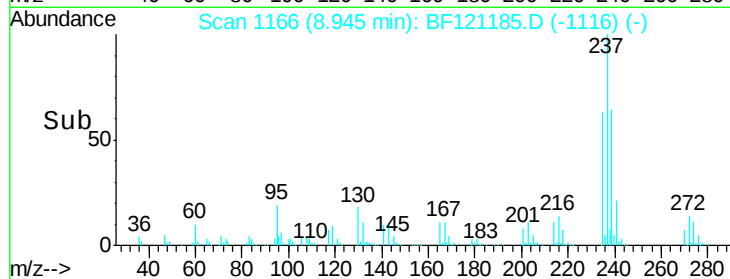
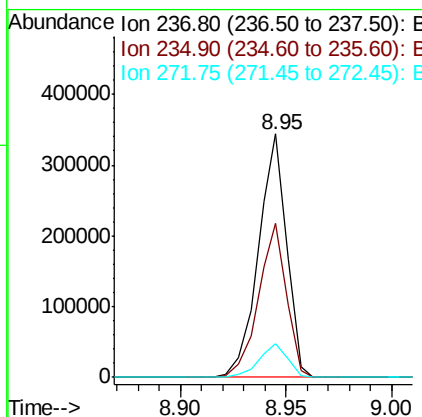
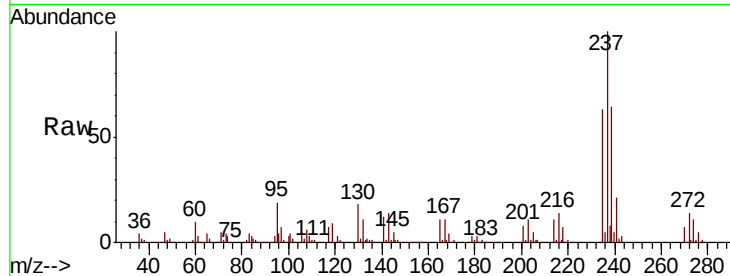




#41
Hexachlorocyclopentadiene
Concen: 77.187 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

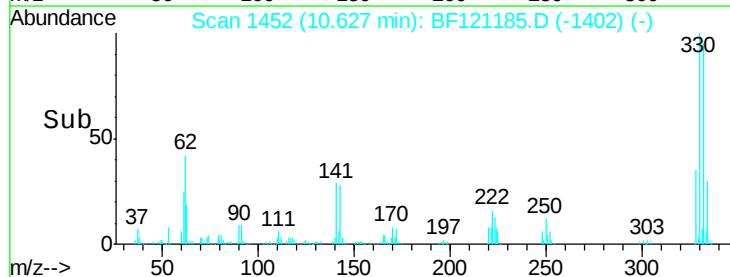
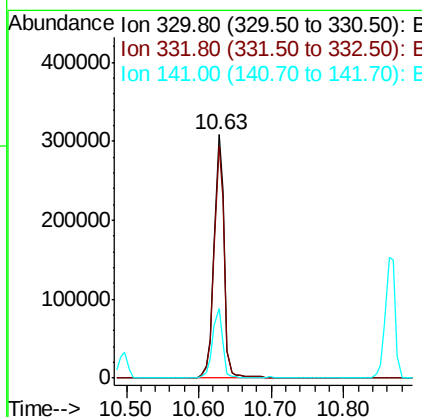
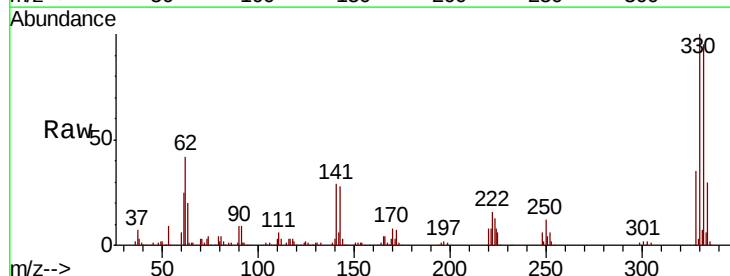
Instrument :
BNA_F
ClientSampleId :
PB130683BS

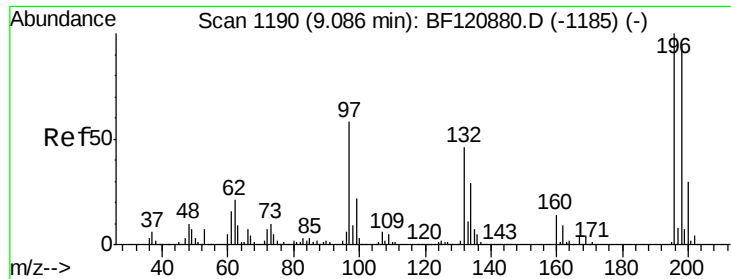
Tot Ion:	237	Resp:	318805
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.2	83.2
272	14.0	0.0	33.6



#42
2,4,6-Tribromophenol
Concen: 107.818 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion:	330	Resp:	302710
Ion Ratio	Lower	Upper	
330	100		
332	94.8	76.1	114.1
141	28.7	24.1	36.1

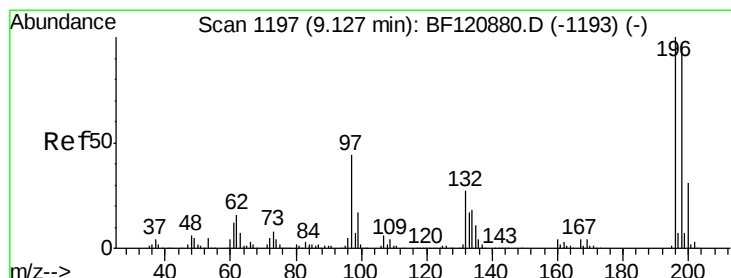
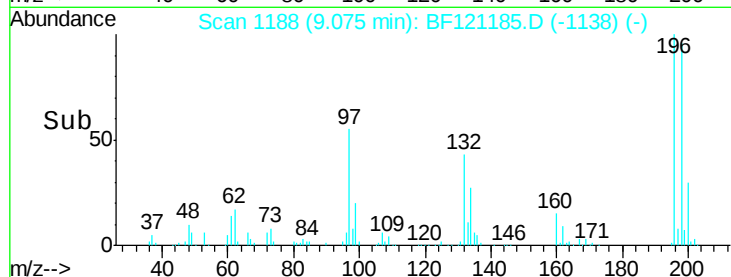
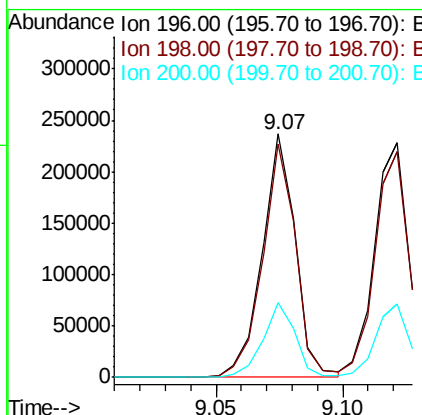
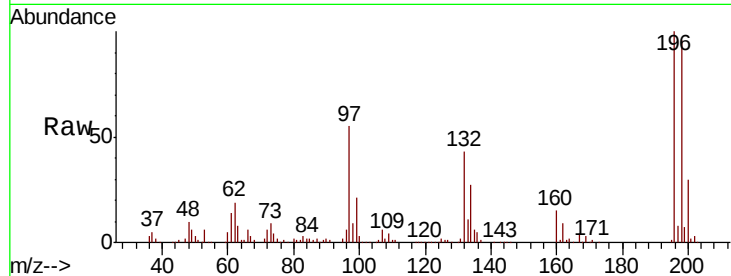




#43
 2,4,6-Trichlorophenol
 Concen: 41.338 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

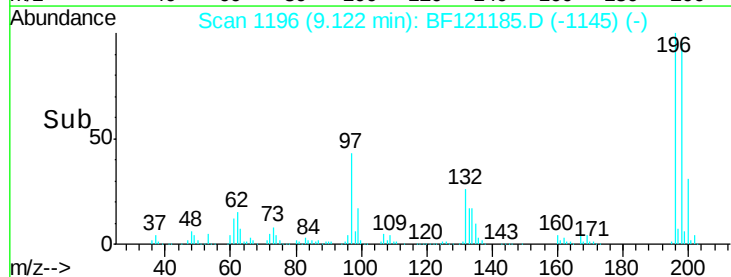
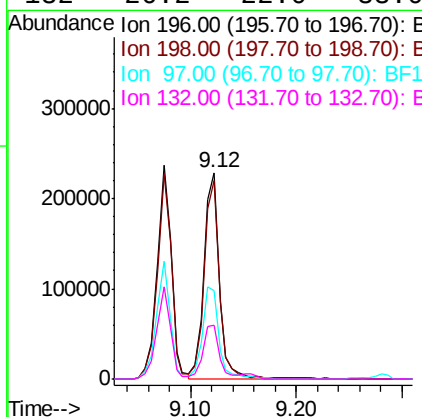
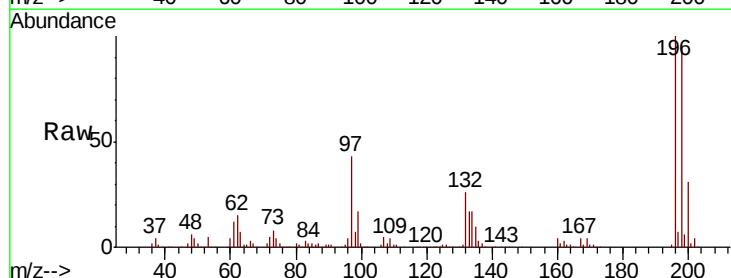
Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

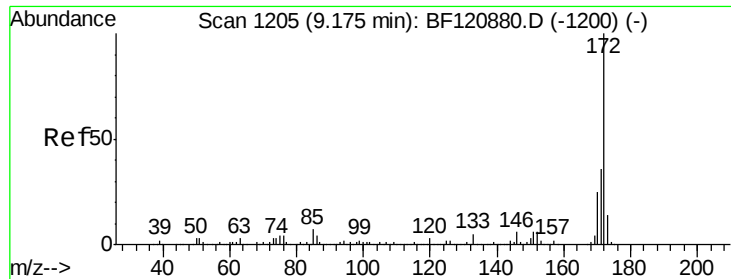
Tot Ion:196 Resp: 217514
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.5 116.3
 200 30.5 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 38.376 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion:196 Resp: 229054
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.2 114.4
 97 42.5 37.3 55.9
 132 26.2 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 70.454 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

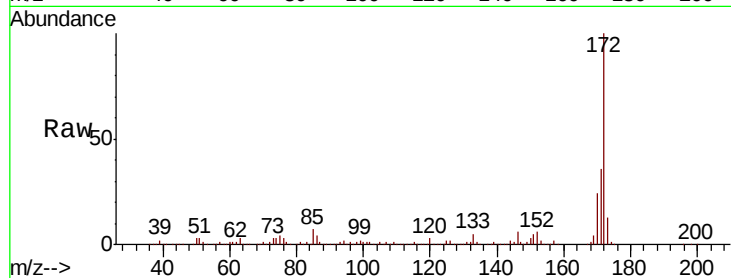
Tot Ion:172 Resp: 1210370

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

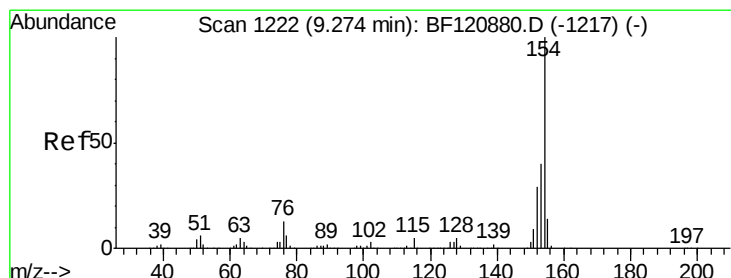
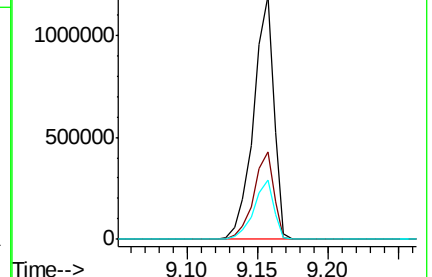
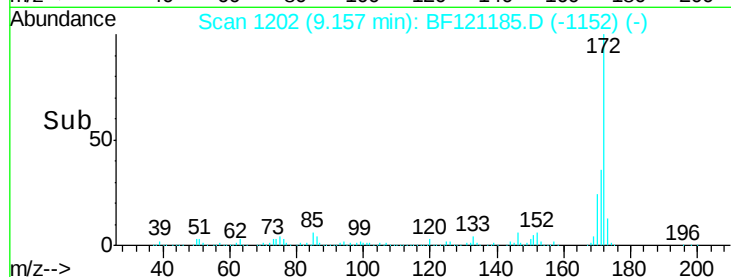
170 24.2 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.333 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

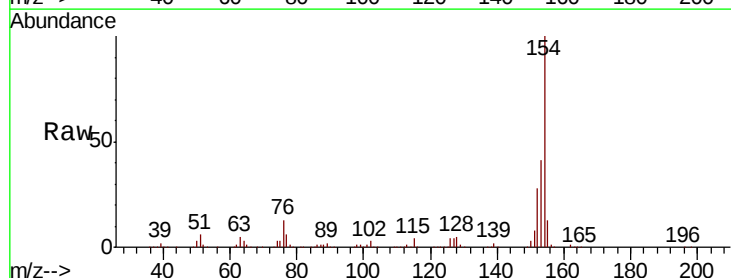
Tgt Ion:154 Resp: 828271

Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

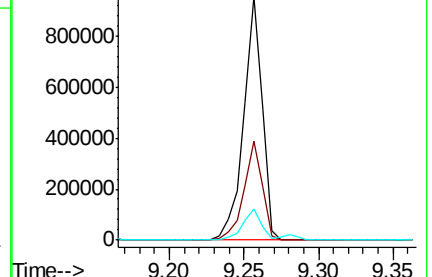
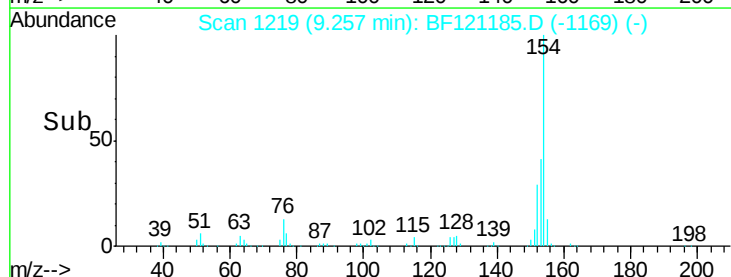
76 12.6 0.0 33.4

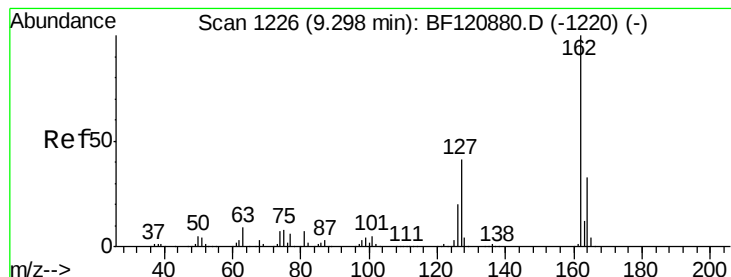


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.213 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

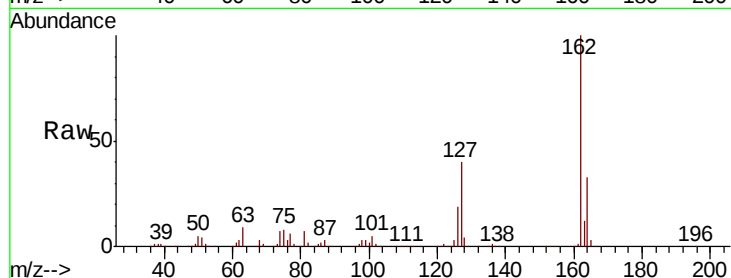
Tot Ion:162 Resp: 641480

Ion Ratio Lower Upper

162 100

127 40.0 31.1 46.7

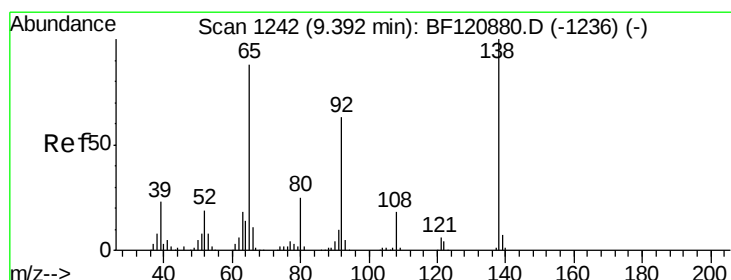
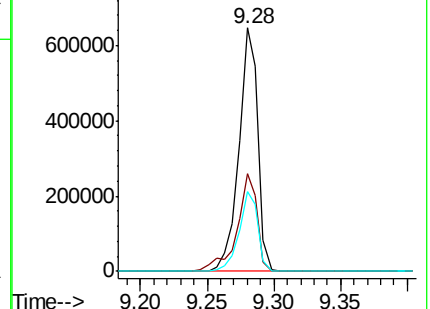
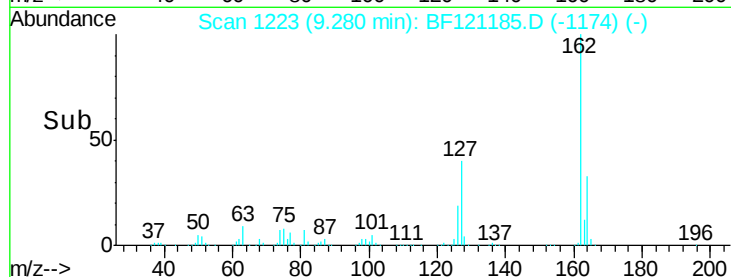
164 32.6 26.6 40.0



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: 39.792 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

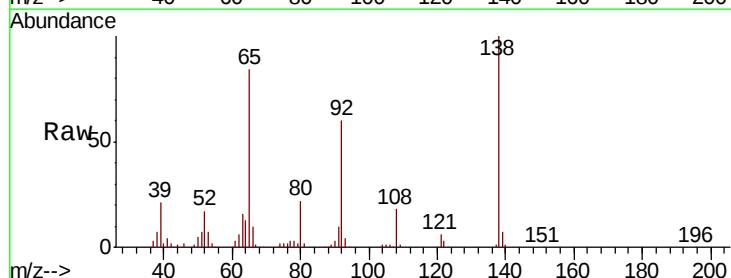
Tgt Ion: 65 Resp: 191828

Ion Ratio Lower Upper

65 100

92 71.7 58.0 87.0

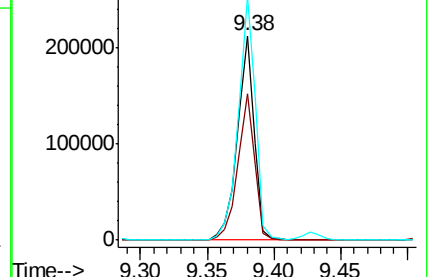
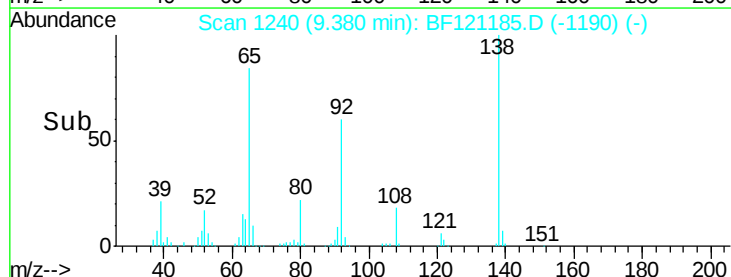
138 119.3 93.3 139.9

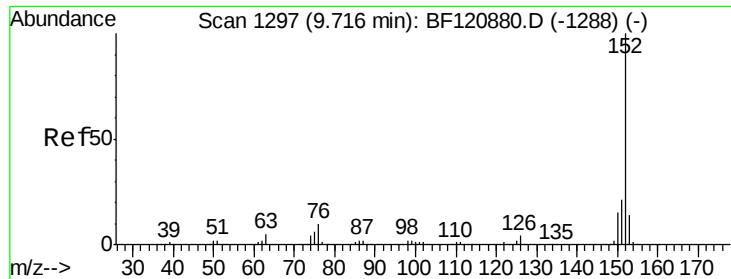


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.890 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

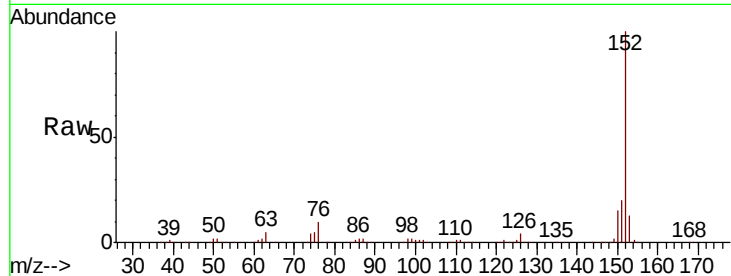
Tot Ion:152 Resp: 1013319

Ion Ratio Lower Upper

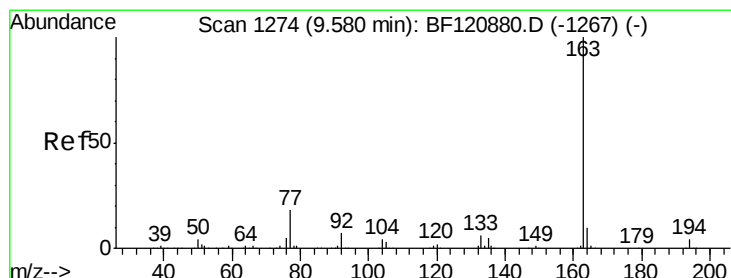
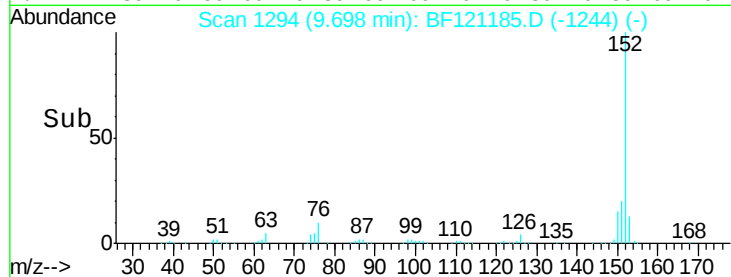
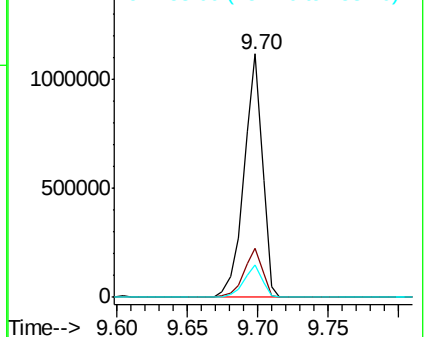
152 100

151 20.4 16.6 25.0

153 13.4 11.0 16.4



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



#50

Dimethylphthalate

Concen: 40.733 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

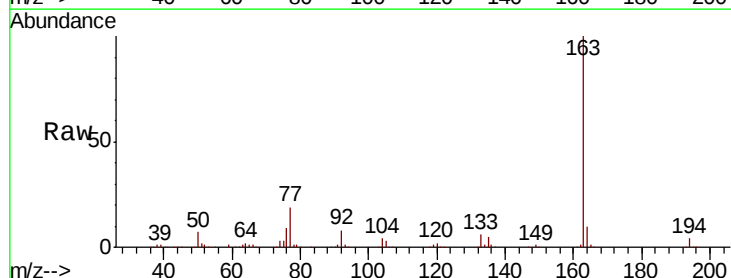
Tgt Ion:163 Resp: 753756

Ion Ratio Lower Upper

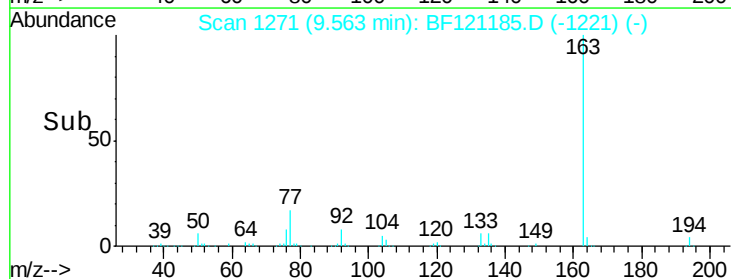
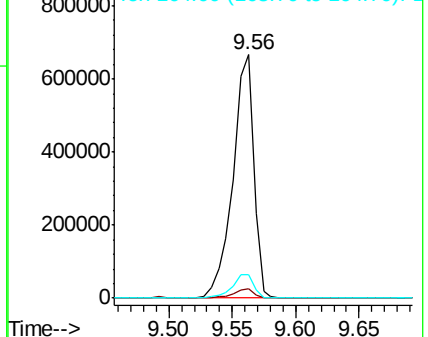
163 100

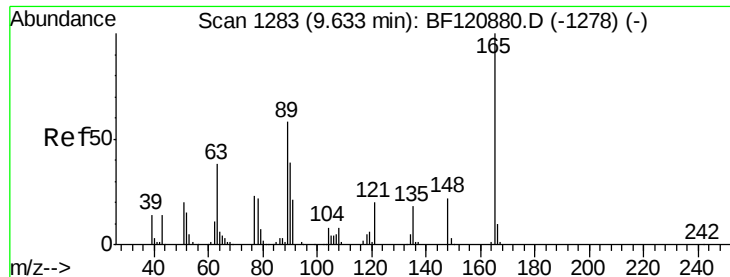
194 3.9 3.0 4.4

164 9.8 8.4 12.6



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

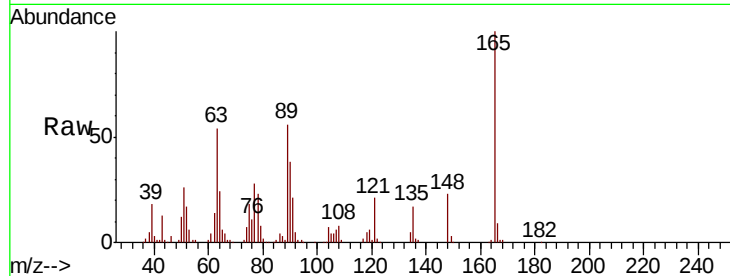




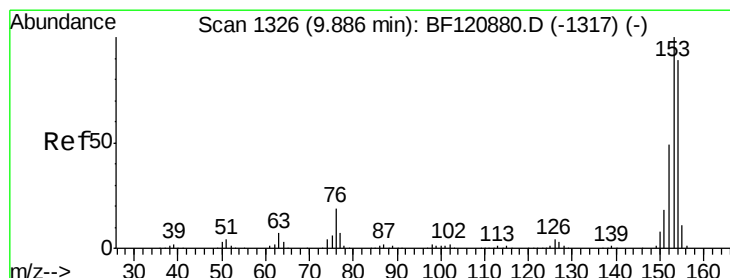
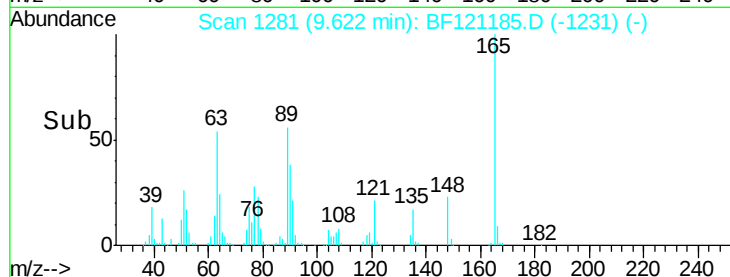
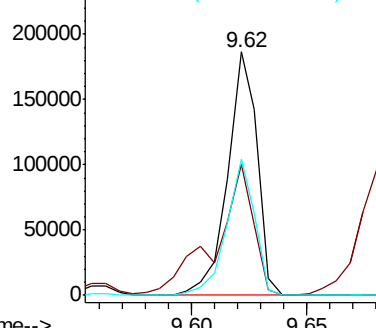
#51
 2,6-Dinitrotoluene
 Concen: 41.943 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Instrument :
 BNA_F
 ClientSampleID :
 PB130683BS

Tot Ion:165 Resp: 166745
 Ion Ratio Lower Upper
 165 100
 63 53.6 41.1 61.7
 89 55.7 43.5 65.3

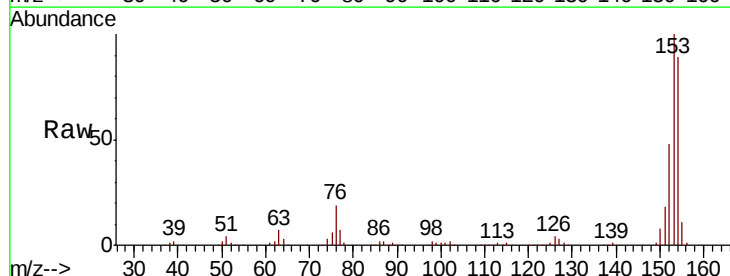


Abundance Ion 165.00 (164.70 to 165.70): E
 250000 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

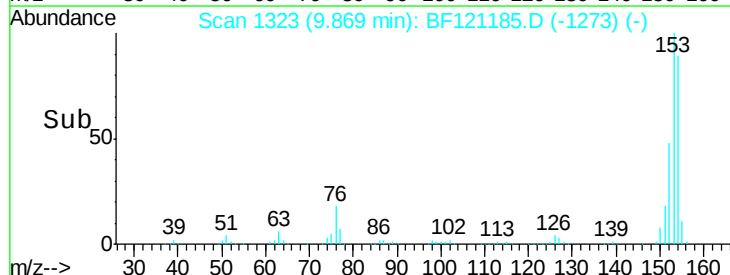
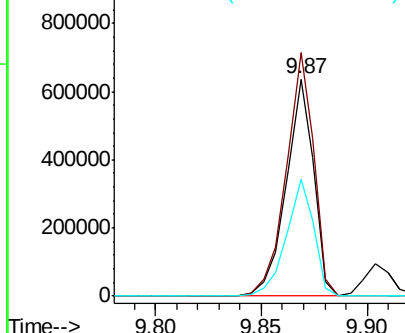


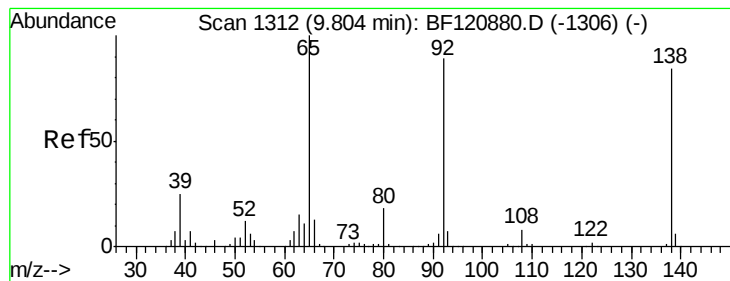
#52
 Acenaphthene
 Concen: 36.806 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion:154 Resp: 579903
 Ion Ratio Lower Upper
 154 100
 153 112.0 89.6 134.4
 152 53.9 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E
 1000000 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 25.635 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

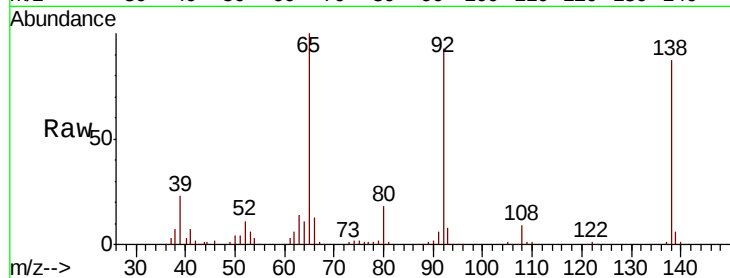
Tot Ion:138 Resp: 127818

Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.8

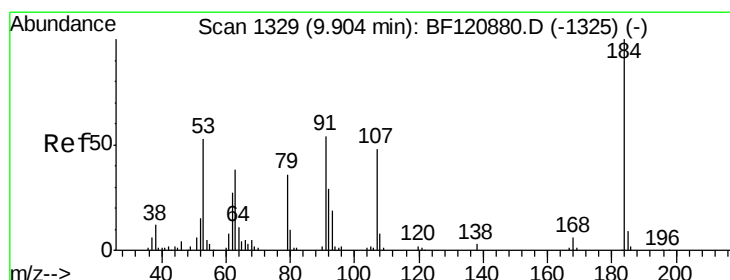
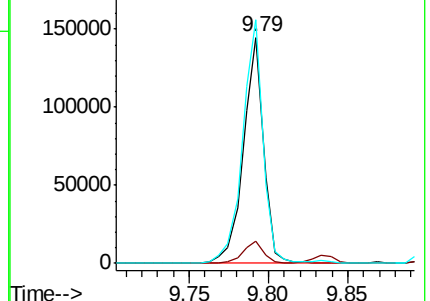
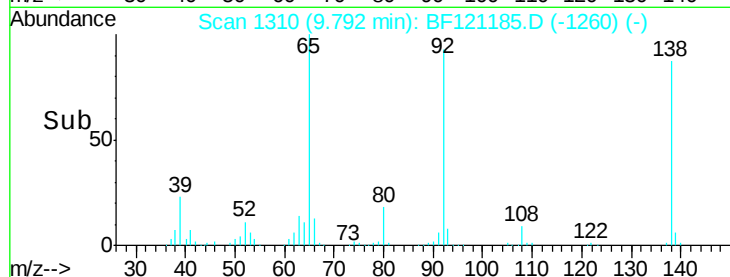
92 107.6 85.0 127.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 71.852 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

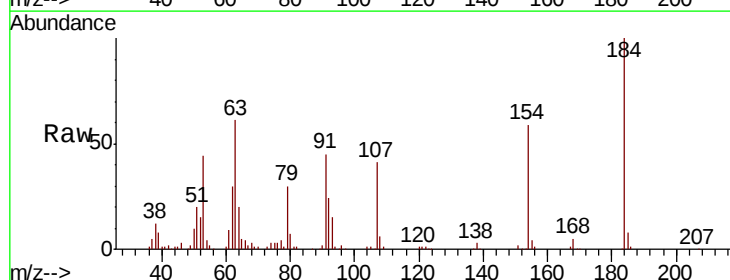
Tgt Ion:184 Resp: 162681

Ion Ratio Lower Upper

184 100

63 61.5 42.5 63.7

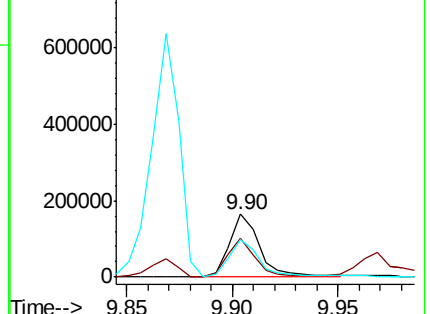
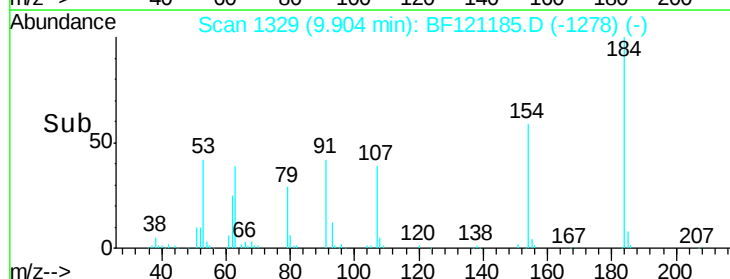
154 59.1 46.8 70.2

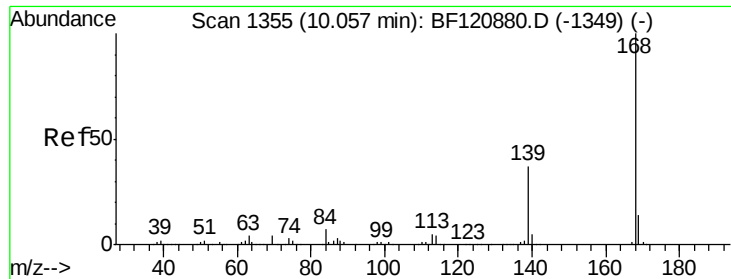


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

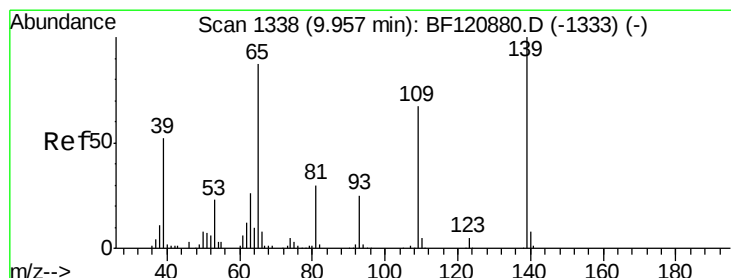
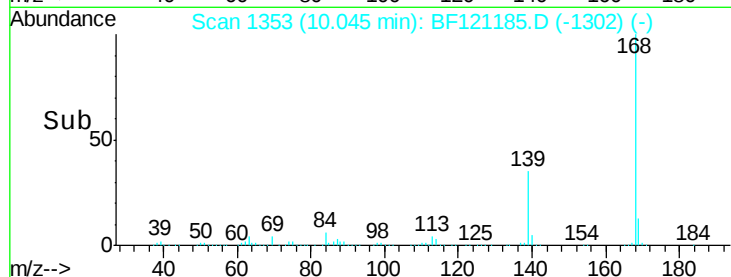
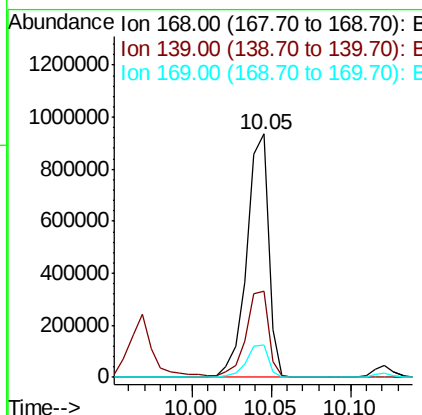
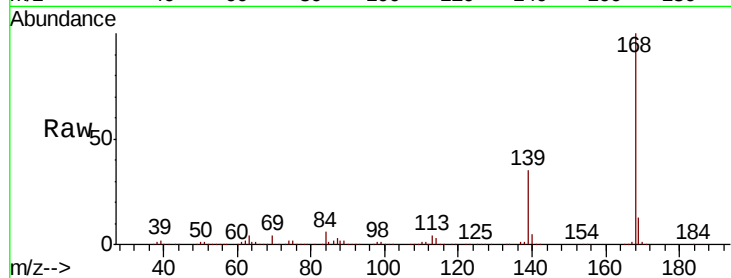




#55
Dibenzofuran
Concen: 39.110 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

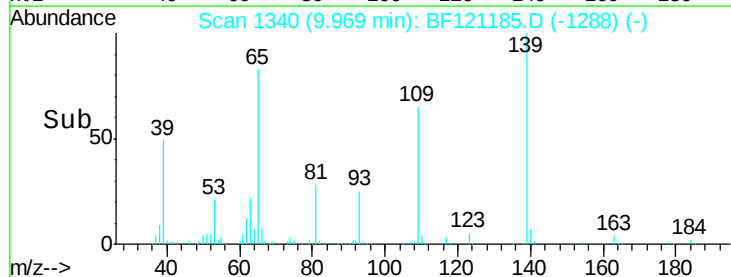
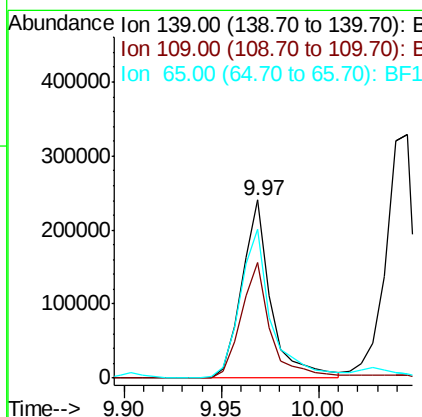
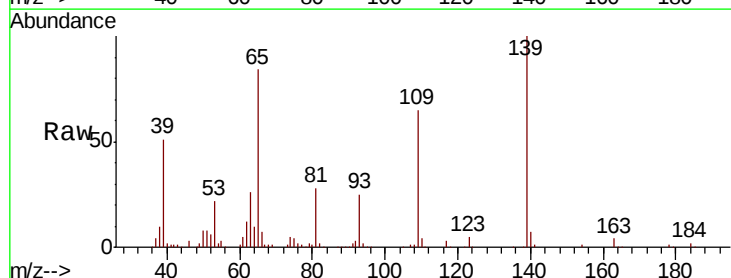
Instrument :
BNA_F
ClientSampleId :
PB130683BS

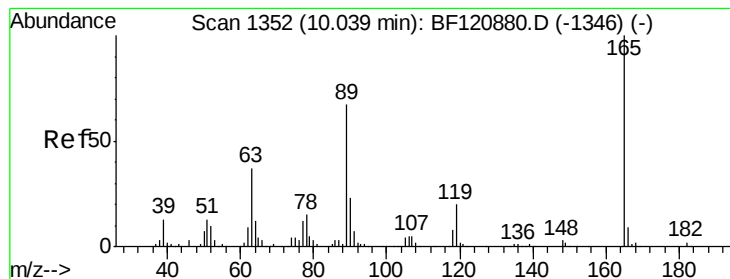
Tot Ion:168 Resp: 891079
Ion Ratio Lower Upper
168 100
139 35.1 30.1 45.1
169 13.3 11.3 16.9



#56
4-Nitrophenol
Concen: 65.789 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion:139 Resp: 249179
Ion Ratio Lower Upper
139 100
109 65.0 44.8 84.8
65 83.6 65.6 105.6





#57

2,4-Dinitrotoluene

Concen: 41.332 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

Tot Ion:165 Resp: 215785

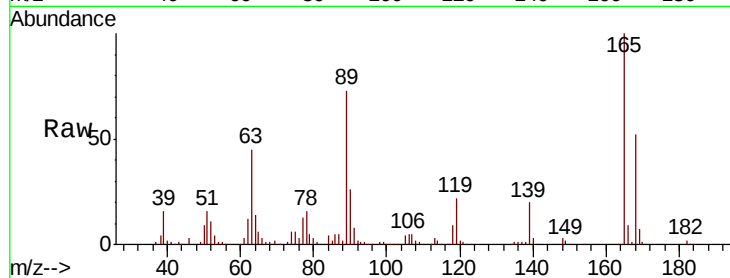
Ion Ratio Lower Upper

165 100

63 44.6 29.8 44.8

89 73.2 50.3 75.5

182 2.3 2.1 3.1

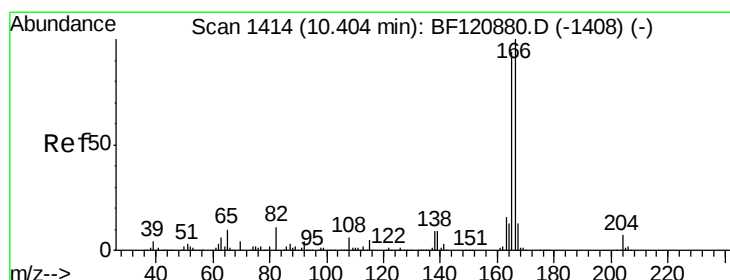
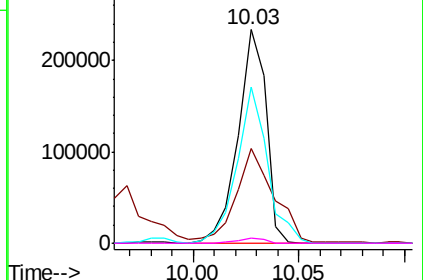
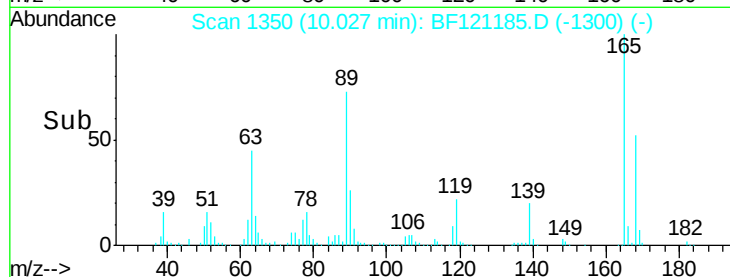


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.334 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

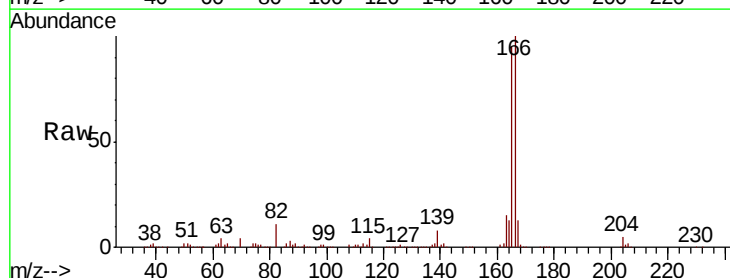
Tgt Ion:166 Resp: 668398

Ion Ratio Lower Upper

166 100

165 94.8 76.4 114.6

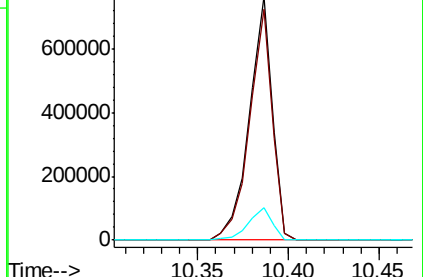
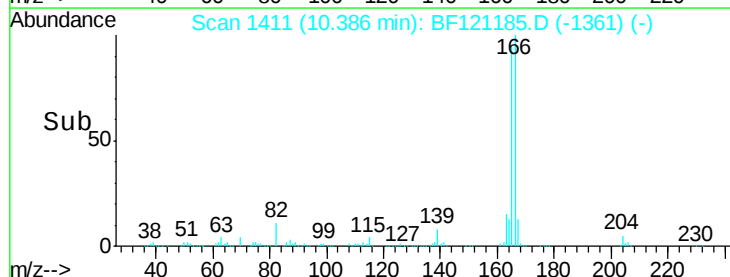
167 13.4 10.7 16.1

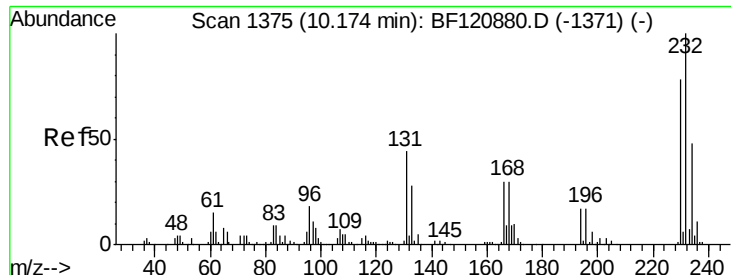


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

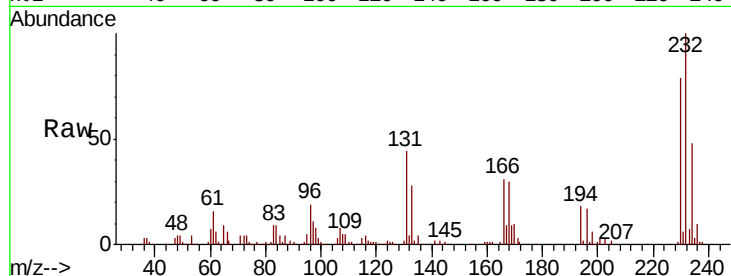




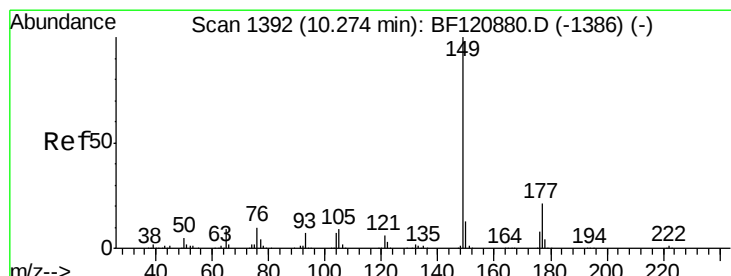
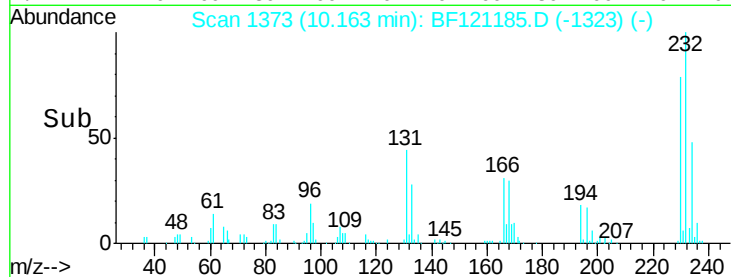
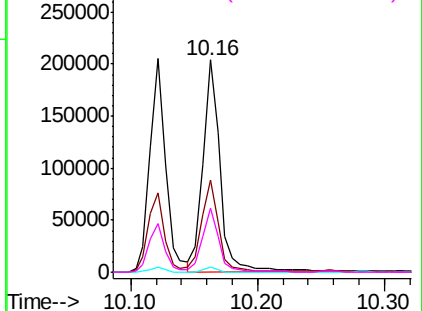
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.918 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion:	232	Resp:	190493
Ion	Ratio	Lower	Upper
232	100		
131	45.2	34.2	51.2
130	2.1	1.7	2.5
166	29.6	23.1	34.7

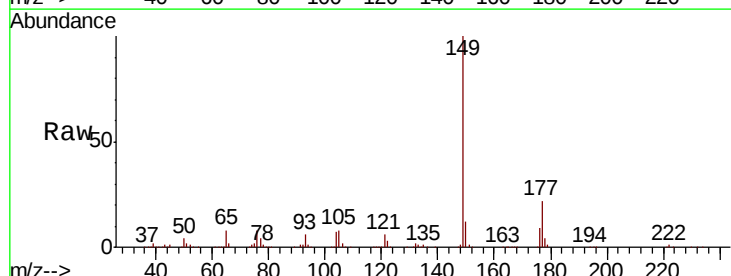


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

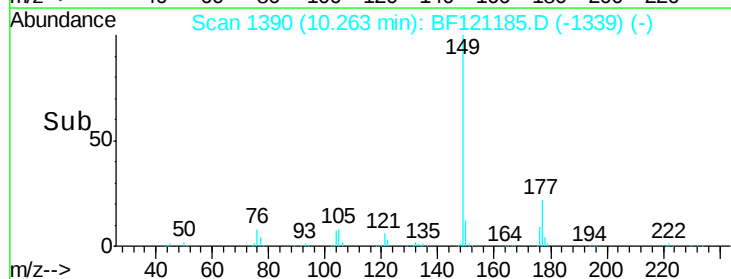
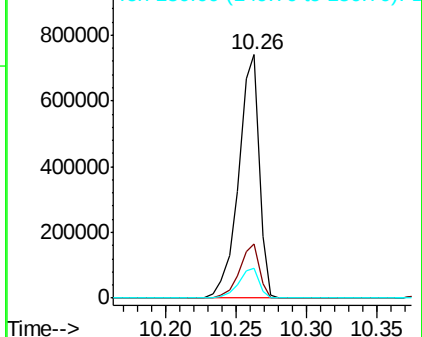


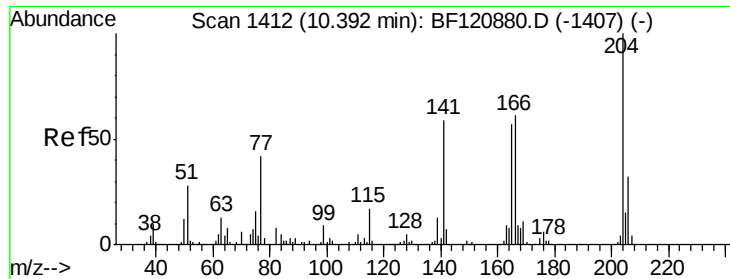
#60
 Diethylphthalate
 Concen: 40.178 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion:	149	Resp:	752017
Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.6	26.4
150	12.5	10.2	15.4



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

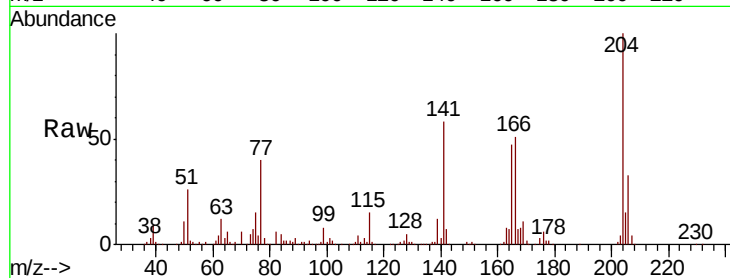




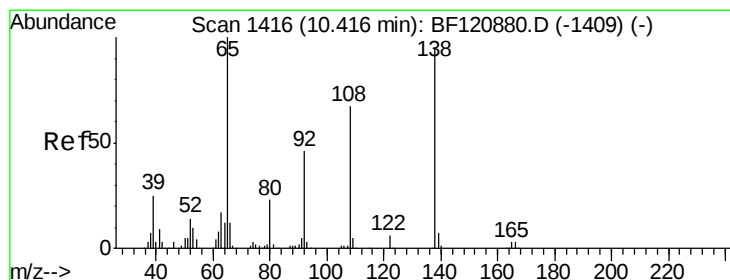
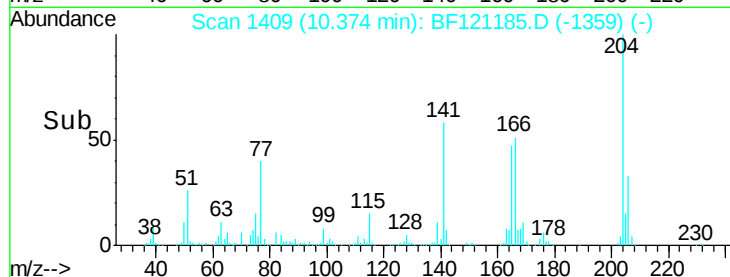
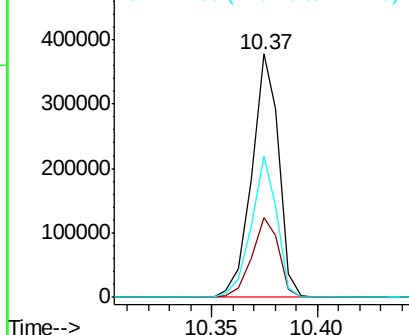
#61
4-Chlorophenyl-phenylether
Concen: 36.754 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampled :
PB130683BS

Tot Ion:204 Resp: 333119
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 58.1 46.9 70.3

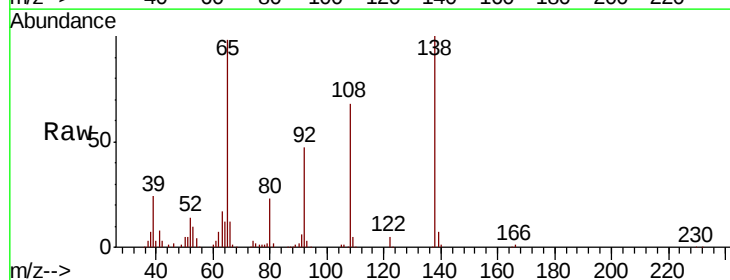


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

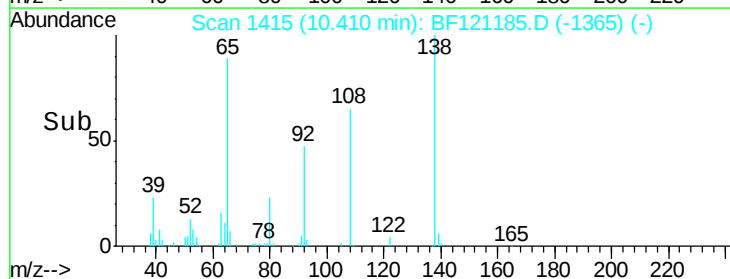
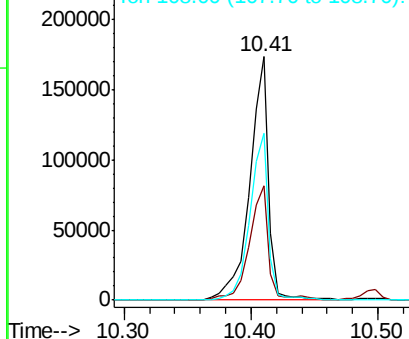


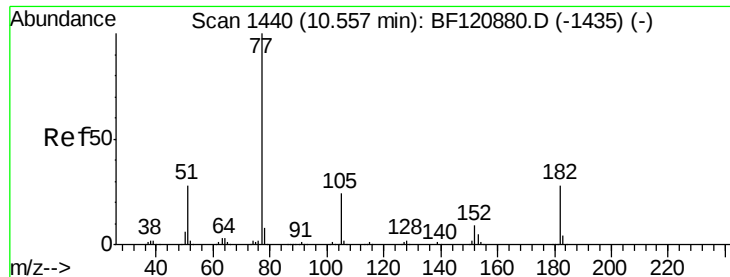
#62
4-Nitroaniline
Concen: 37.000 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion:138 Resp: 179708
Ion Ratio Lower Upper
138 100
92 46.8 25.2 65.2
108 68.3 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: 39.128 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

Tot Ion: 77 Resp: 697223

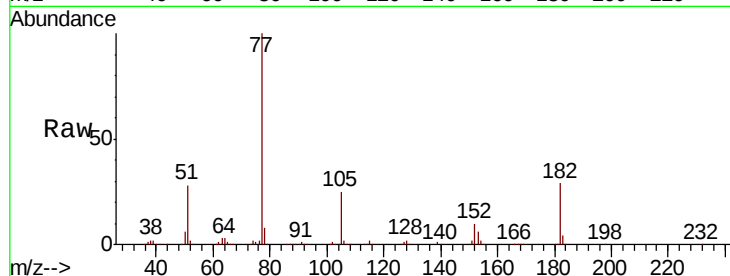
Ion Ratio Lower Upper

77 100

182 28.5 4.5 44.5

105 24.7 3.4 43.4

51 27.6 8.7 48.7

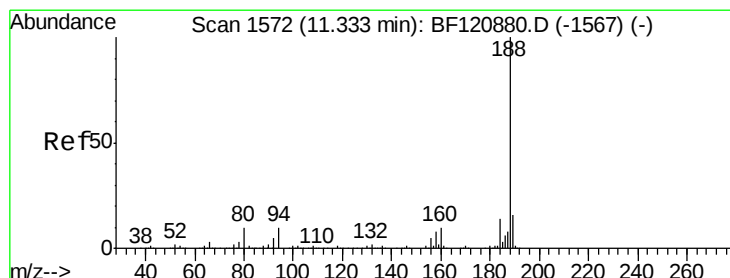
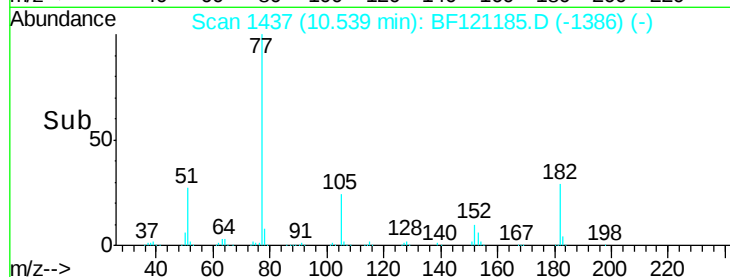
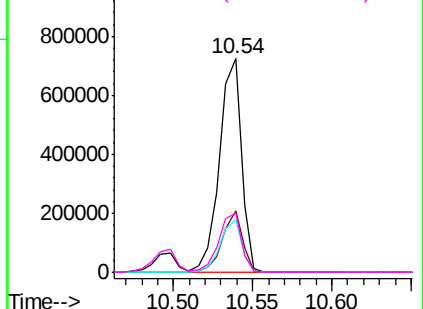


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

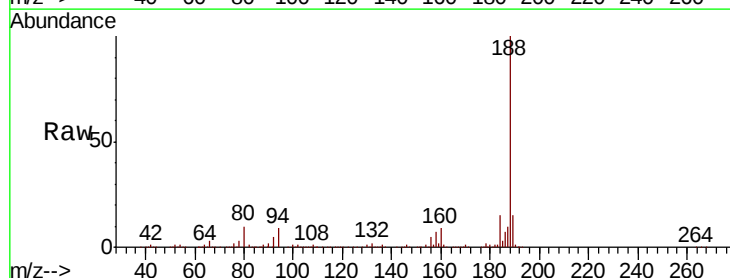
Tgt Ion: 188 Resp: 487614

Ion Ratio Lower Upper

188 100

94 9.4 8.0 12.0

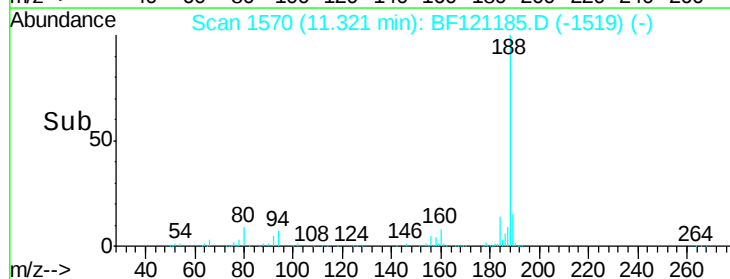
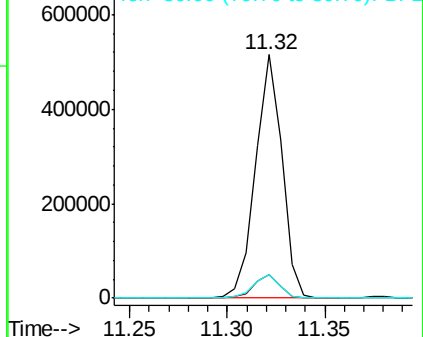
80 9.6 8.3 12.5

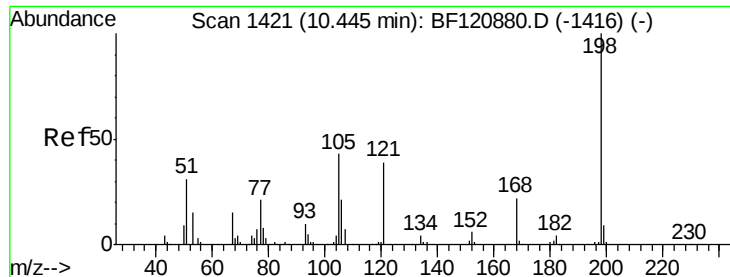


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.327 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

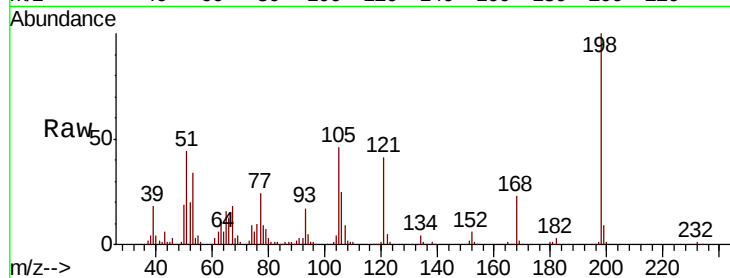
Tot Ion:198 Resp: 114991

Ion Ratio Lower Upper

198 100

51 44.3 23.4 63.4

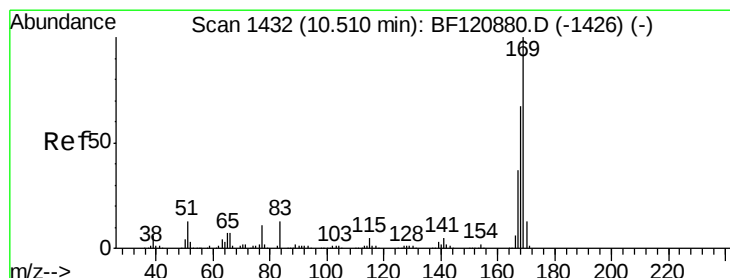
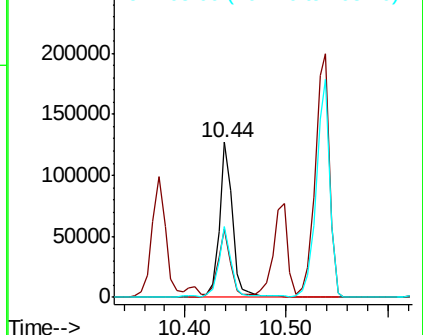
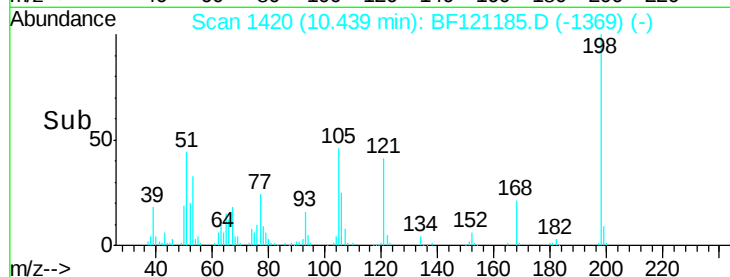
105 45.7 23.7 63.7



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: 41.059 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

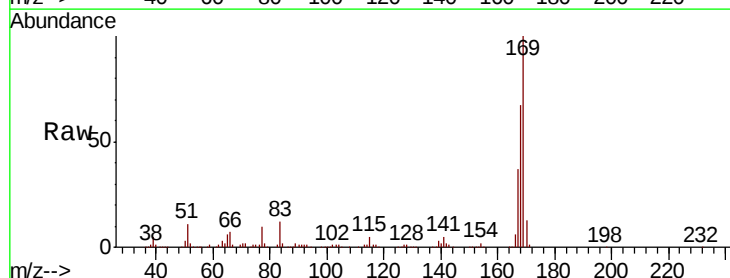
Tgt Ion:169 Resp: 629821

Ion Ratio Lower Upper

169 100

168 66.7 53.7 80.5

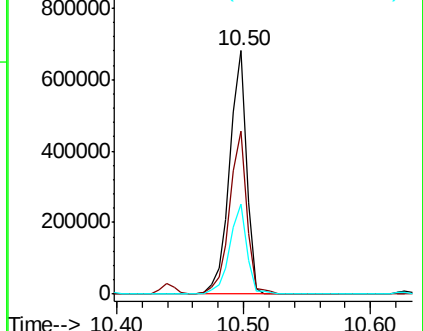
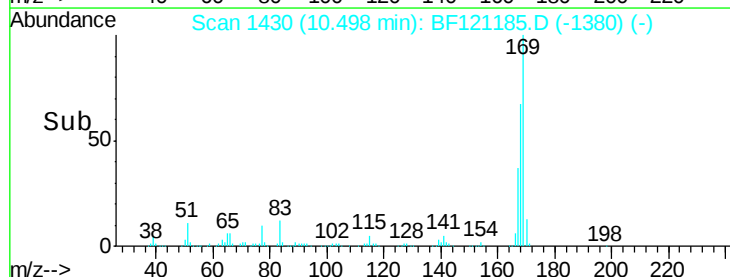
167 36.9 30.0 45.0

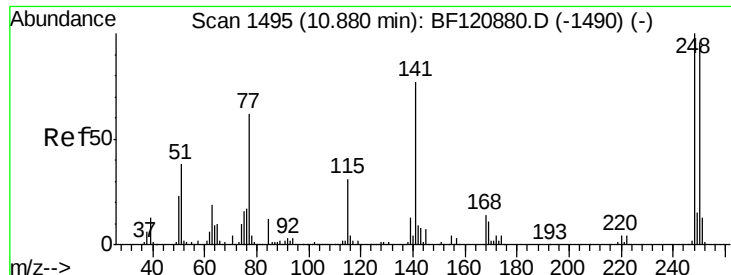


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

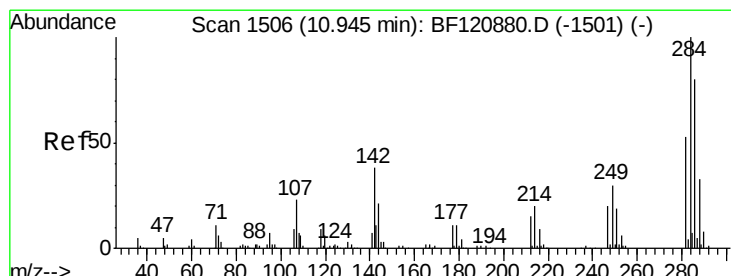
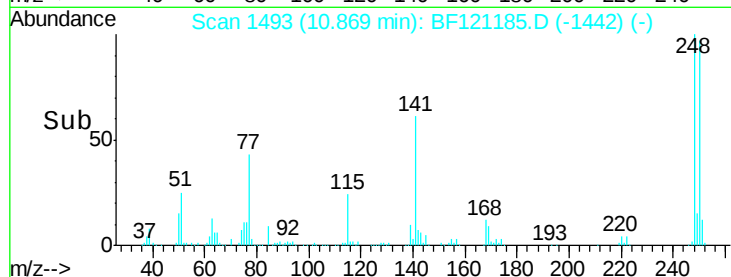
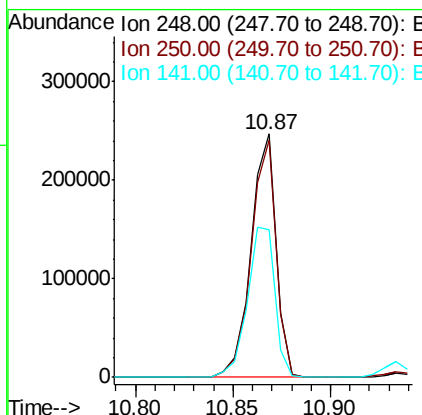
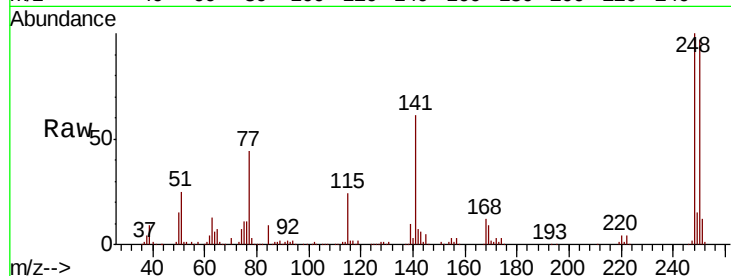




#67
 4-Bromophenyl-phenylether
 Concen: 40.408 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

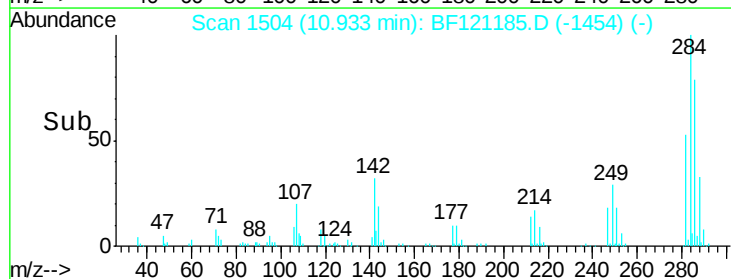
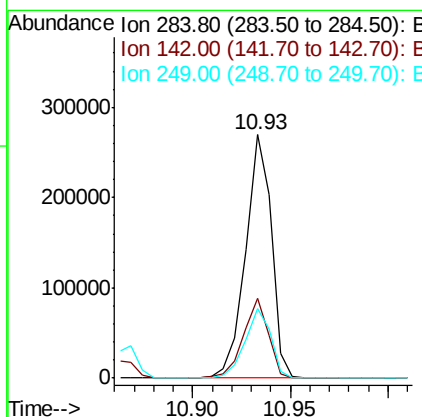
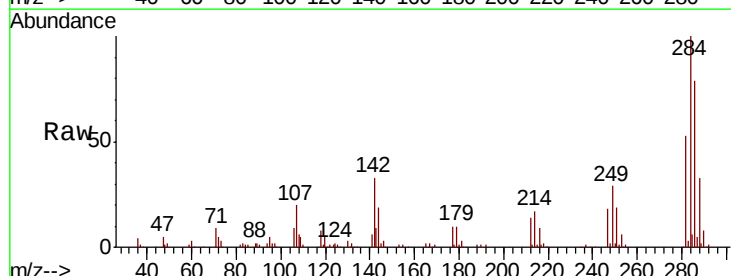
Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

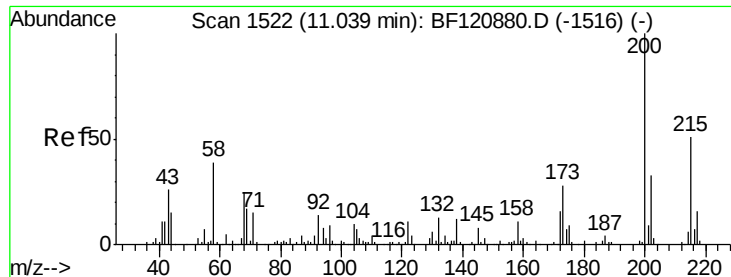
Tot Ion:248 Resp: 219678
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.0 115.6
 141 60.8 56.6 85.0



#68
 Hexachlorobenzene
 Concen: 42.167 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion:284 Resp: 247979
 Ion Ratio Lower Upper
 284 100
 142 32.9 21.1 31.7#
 249 28.8 22.5 33.7

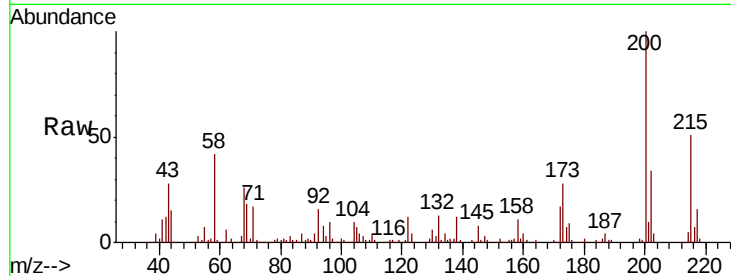




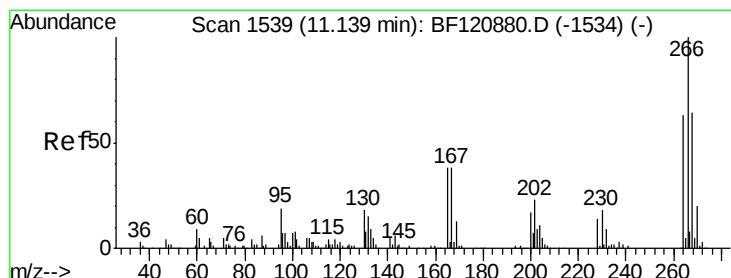
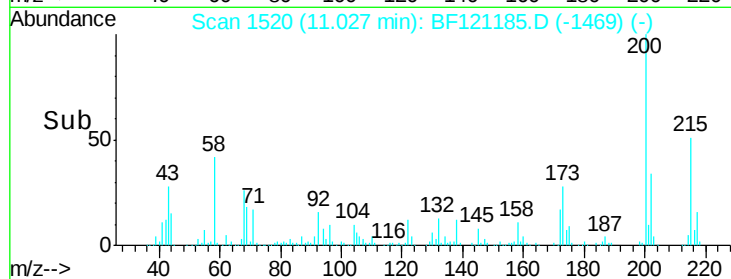
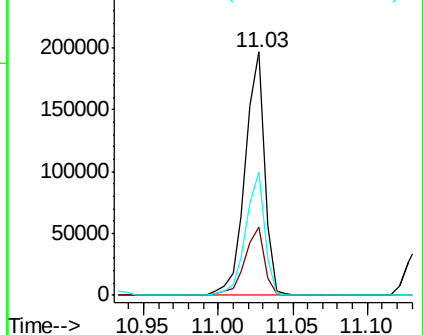
#69
 Atrazine
 Concen: 47.014 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.6	47.6
215	50.6	28.8	68.8

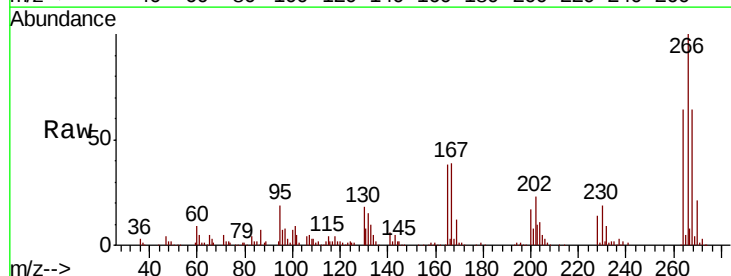


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

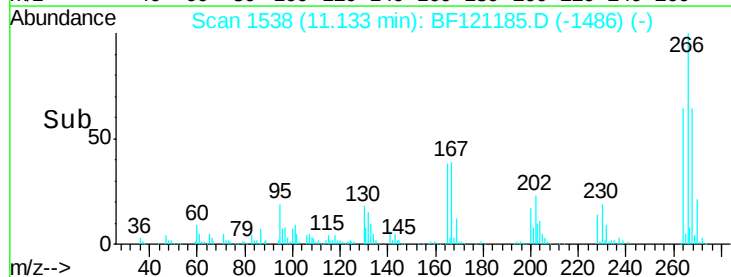
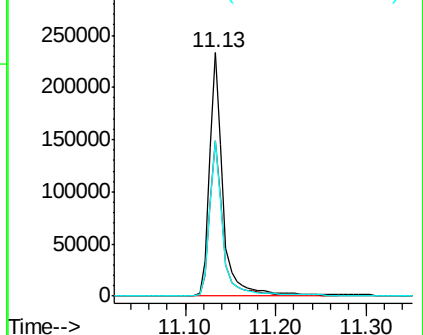


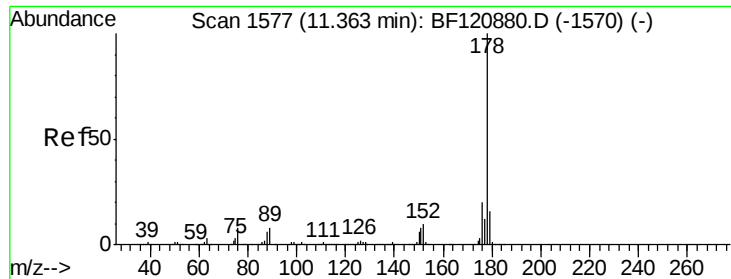
#70
 Pentachlorophenol
 Concen: 73.938 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	49.7	74.5
264	63.6	50.4	75.6



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

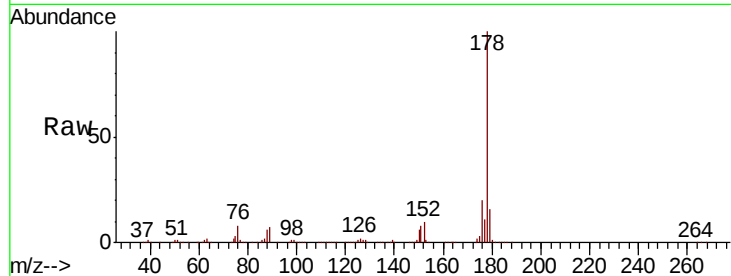




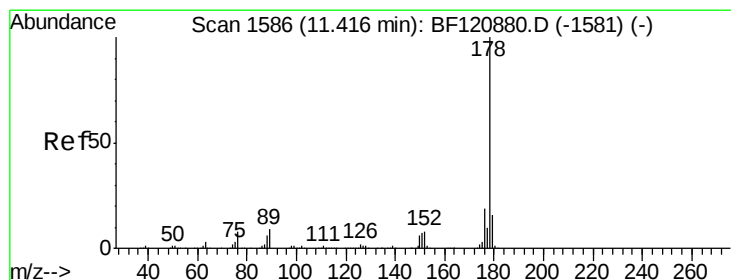
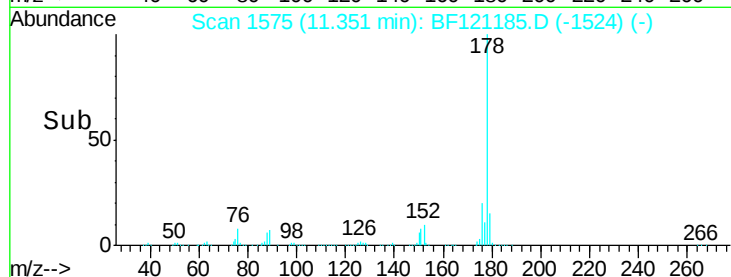
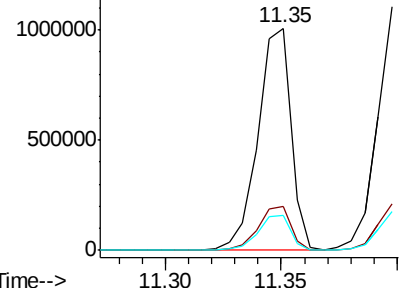
#71
Phenanthrene
Concen: 39.945 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion:178 Resp: 1001752
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 15.6 12.6 19.0

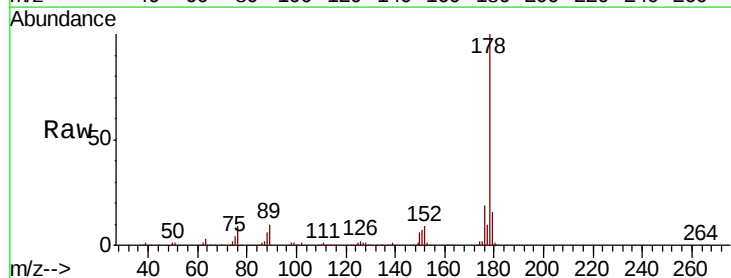


Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

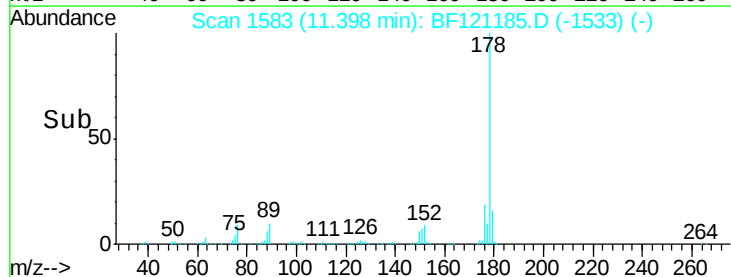
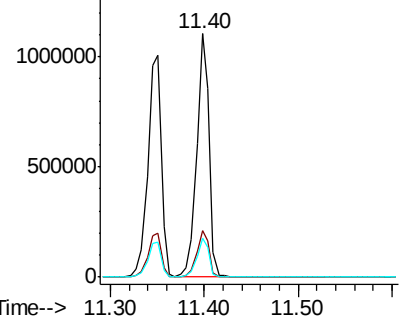


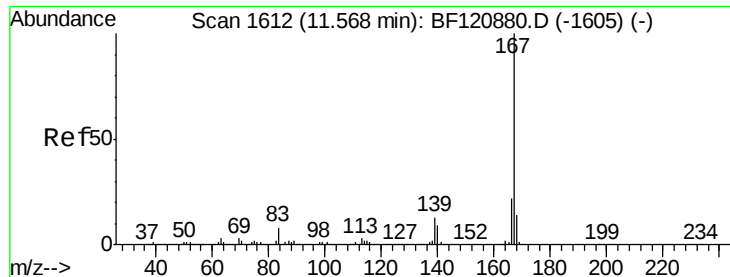
#72
Anthracene
Concen: 41.091 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion:178 Resp: 1034768
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 16.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

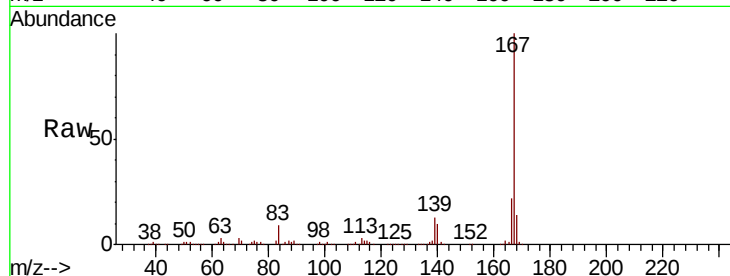




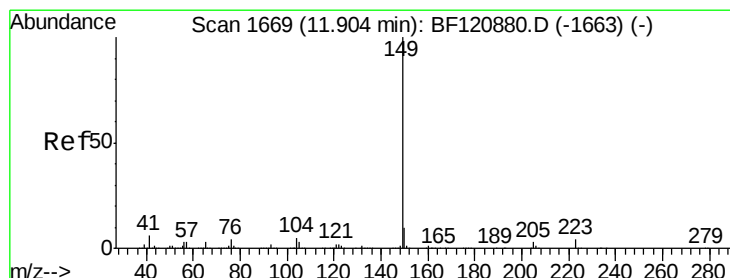
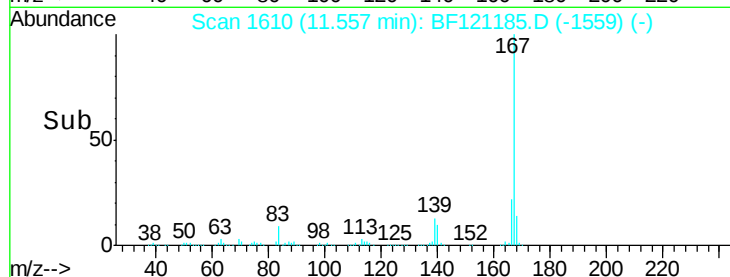
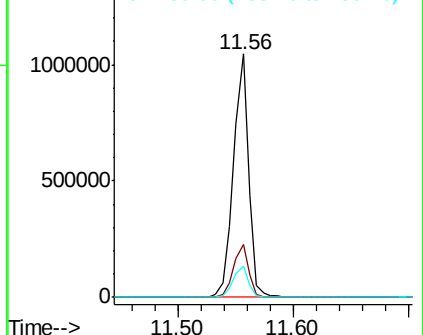
#73
 Carbazole
 Concen: 38.237 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion:167 Resp: 955577
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 12.7 10.5 15.7

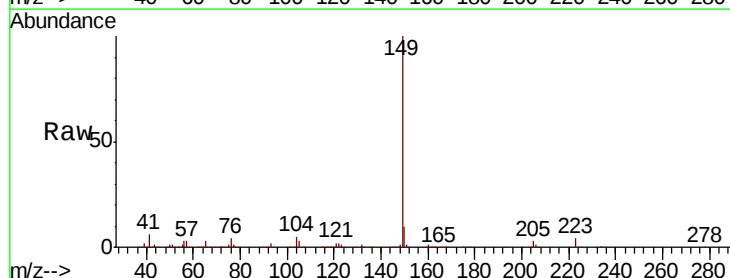


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

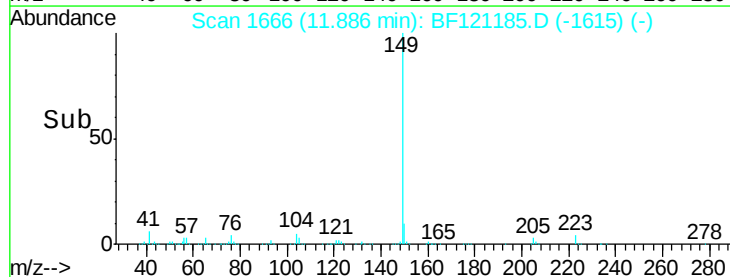
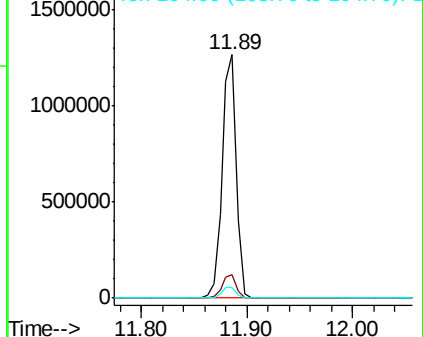


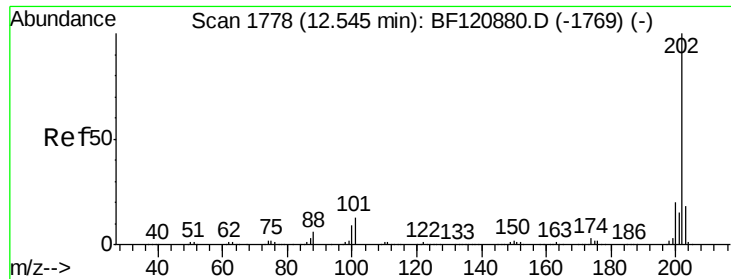
#74
 Di-n-butylphthalate
 Concen: 41.035 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion:149 Resp: 1183413
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 4.6 3.9 5.9



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



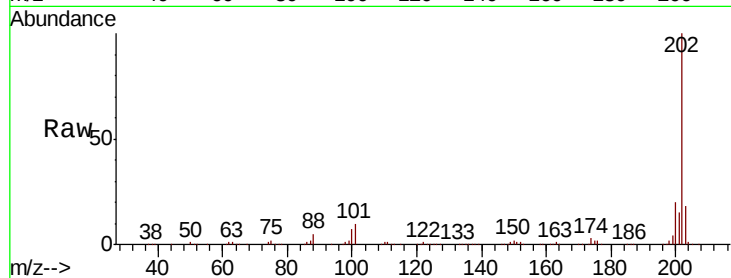


#75
 Fluoranthene
 Concen: 39.031 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

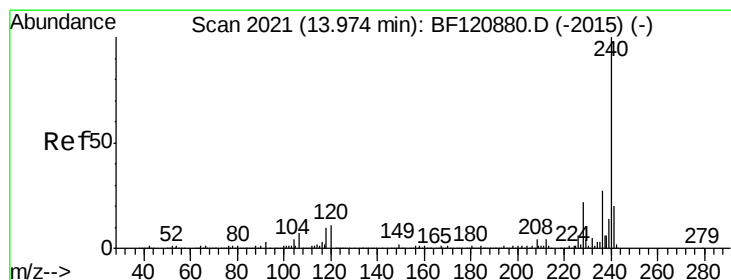
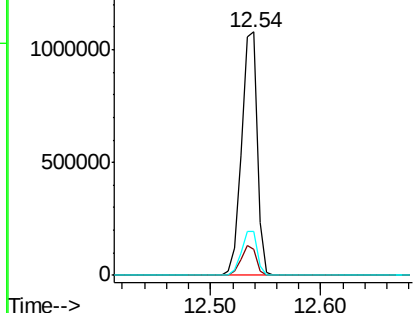
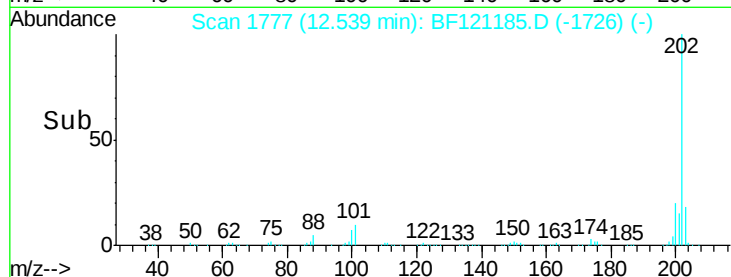
Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion:202 Resp: 1084948

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.5
203	18.3	0.0	37.7



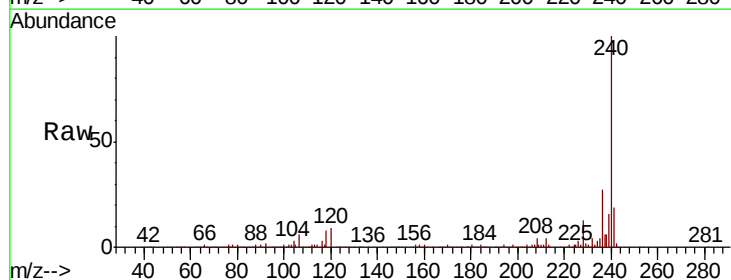
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



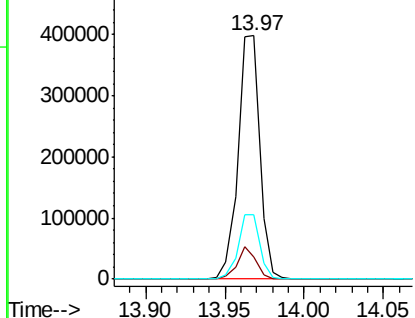
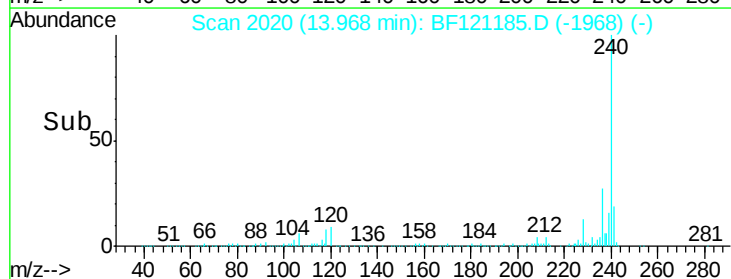
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

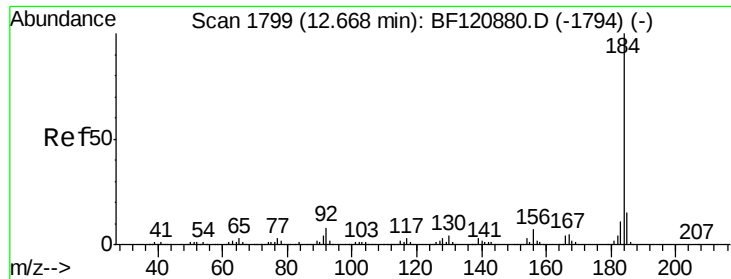
Tgt Ion:240 Resp: 379612

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.3	13.9#
236	26.6	21.1	31.7



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 56.217 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

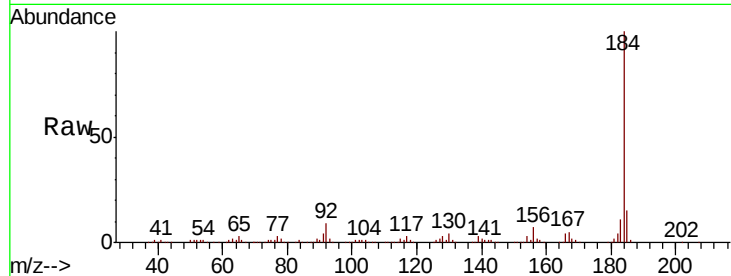
Tot Ion:184 Resp: 561082

Ion Ratio Lower Upper

184 100

185 14.7 12.1 18.1

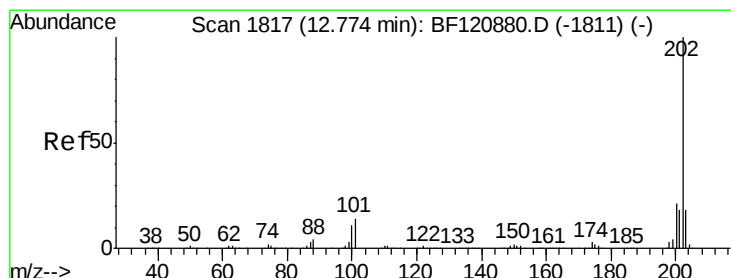
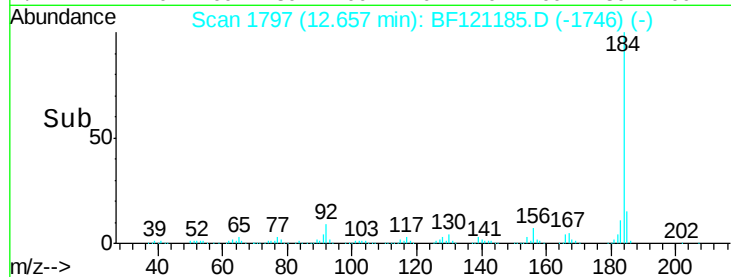
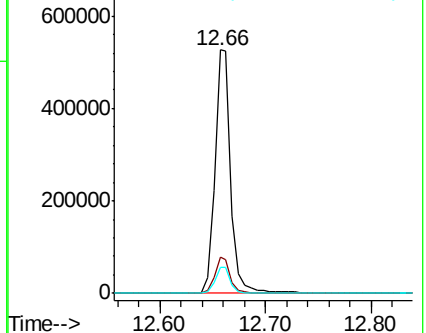
183 10.7 9.0 13.4



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: 41.578 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

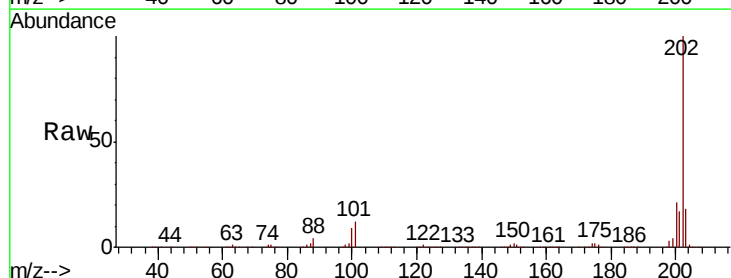
Tgt Ion:202 Resp: 1115912

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

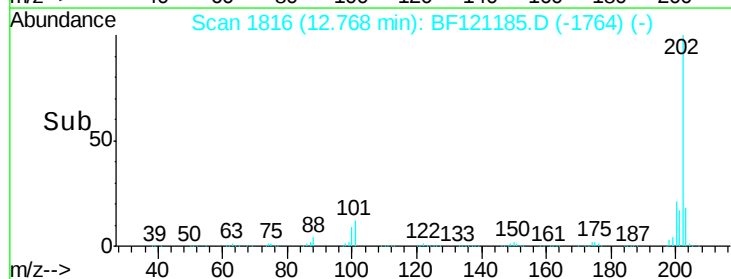
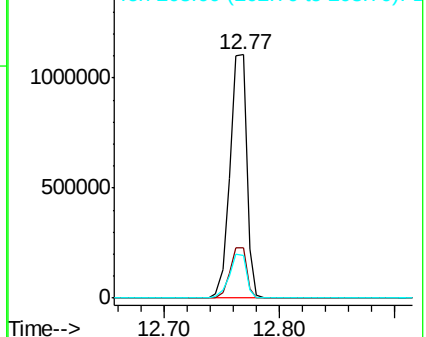
203 17.6 14.6 21.8

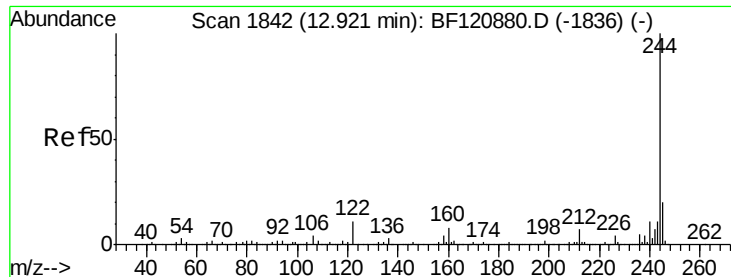


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.155 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

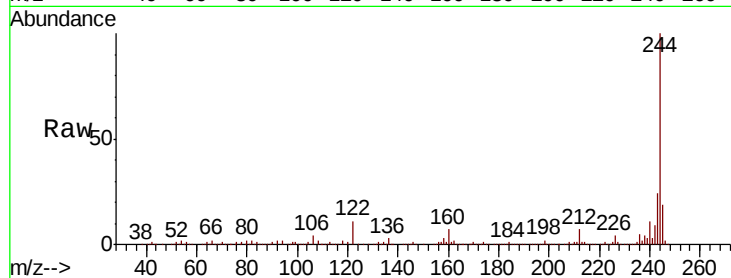
Tot Ion:244 Resp: 1242588

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

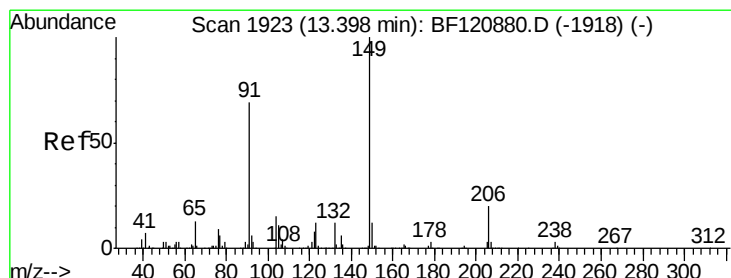
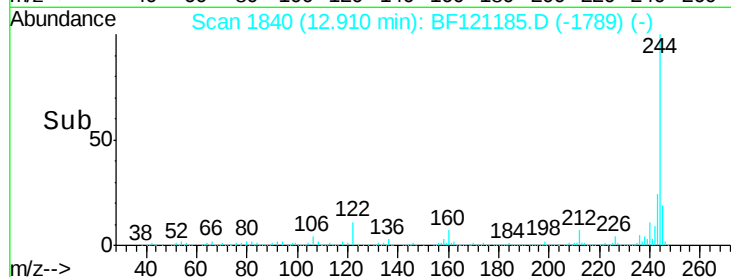
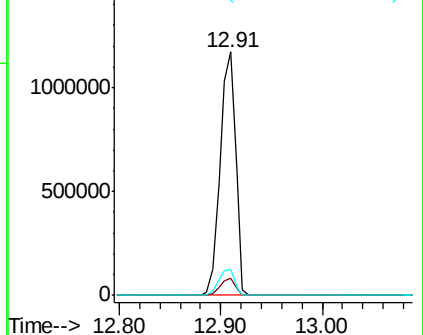
122 10.6 8.3 12.5



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: 42.698 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

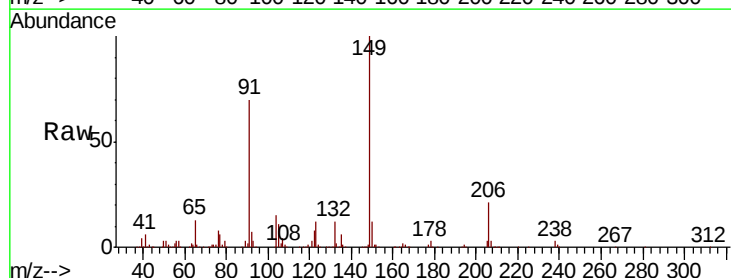
Tgt Ion:149 Resp: 510848

Ion Ratio Lower Upper

149 100

91 69.6 51.4 77.0

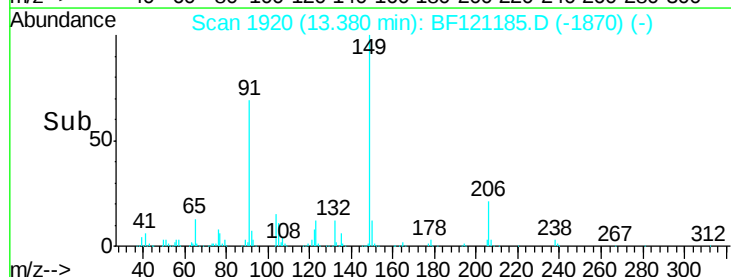
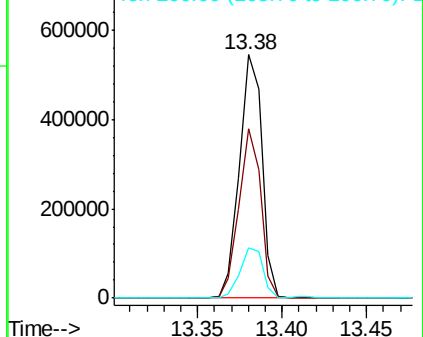
206 20.6 17.9 26.9

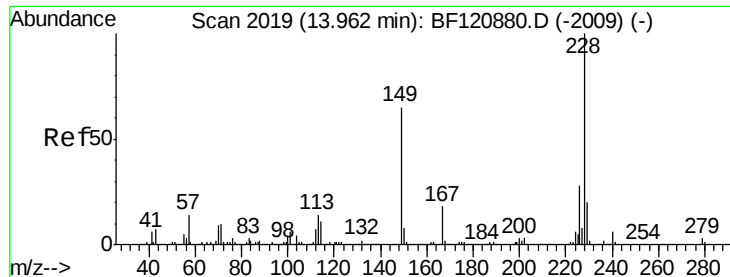


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.092 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

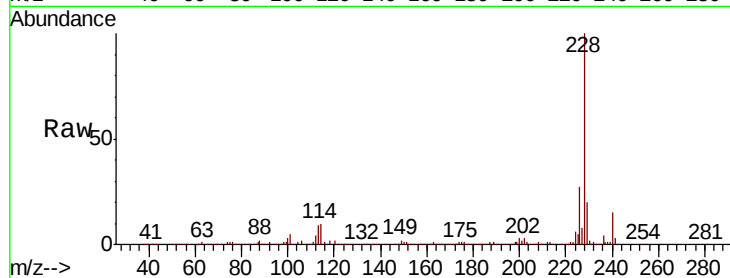
Tot Ion:228 Resp: 967582

Ion Ratio Lower Upper

228 100

226 27.5 22.6 34.0

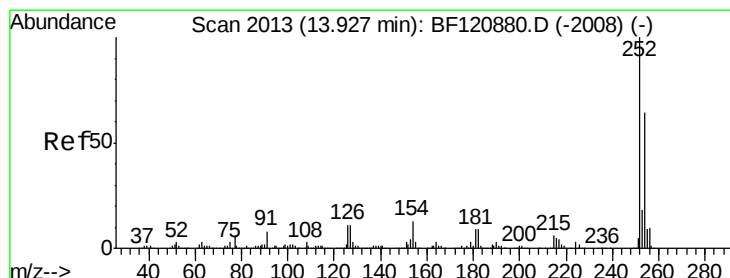
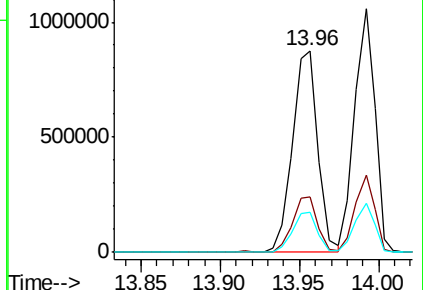
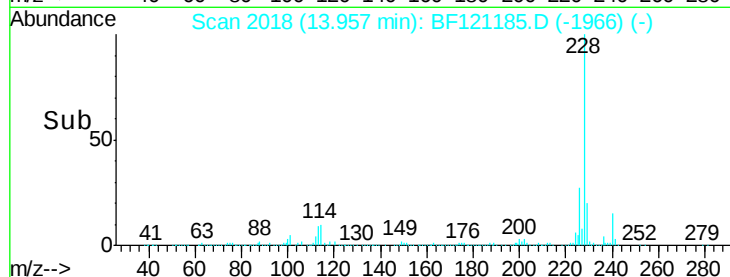
229 19.9 16.1 24.1



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: 36.218 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

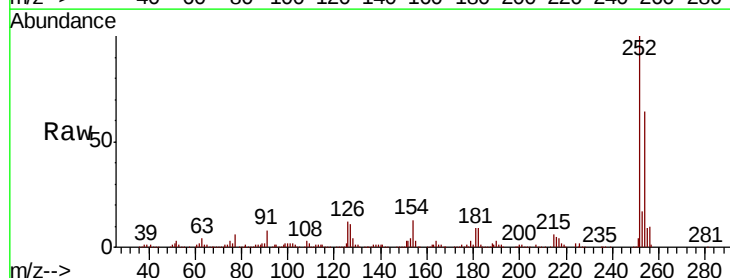
Tgt Ion:252 Resp: 314102

Ion Ratio Lower Upper

252 100

254 64.1 51.3 76.9

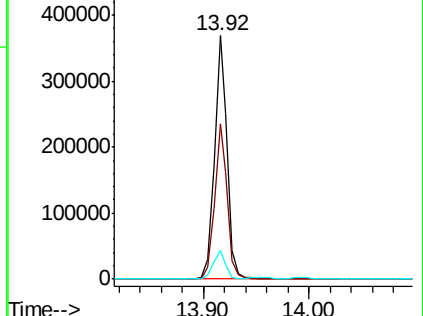
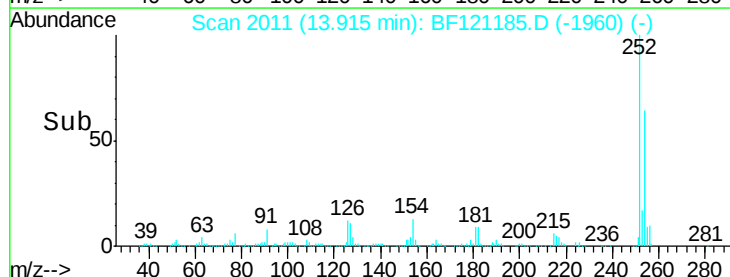
126 11.7 9.2 13.8

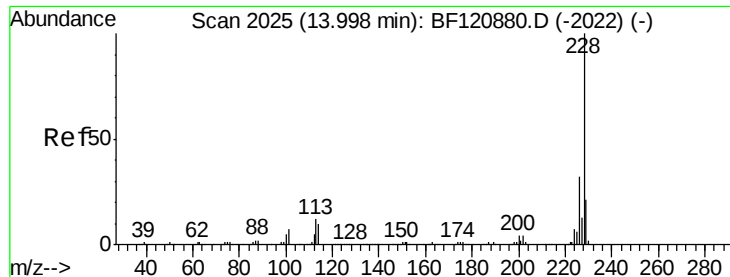


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.195 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

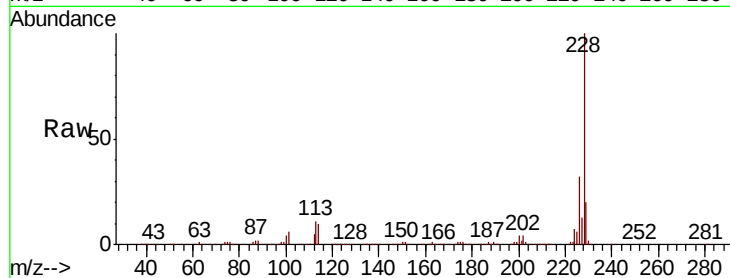
Tot Ion:228 Resp: 946839

Ion Ratio Lower Upper

228 100

226 31.8 25.4 38.0

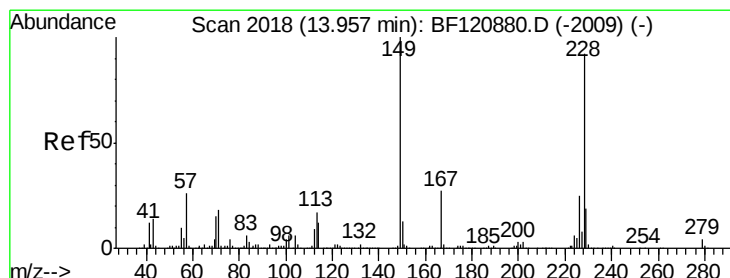
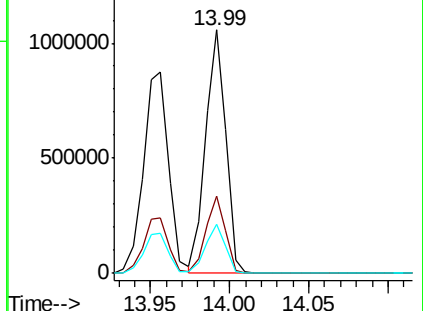
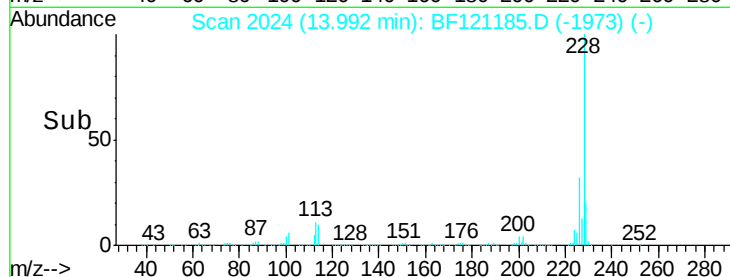
229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.962 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

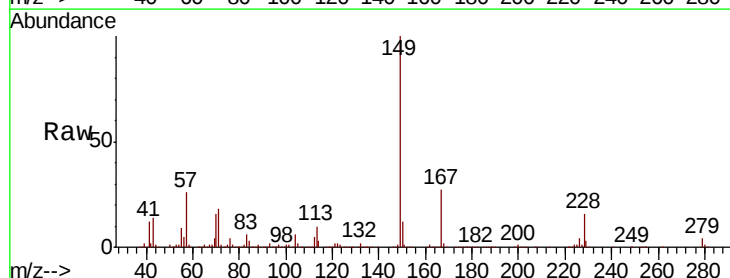
Tgt Ion:149 Resp: 692843

Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.6

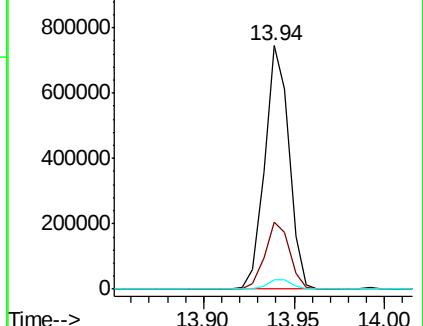
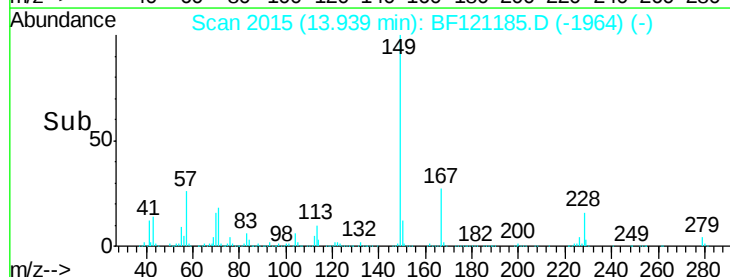
279 3.8 2.9 4.3

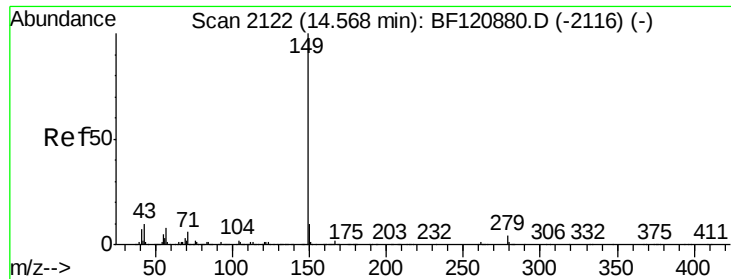


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

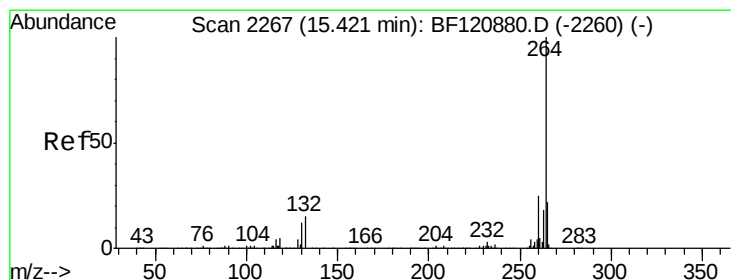
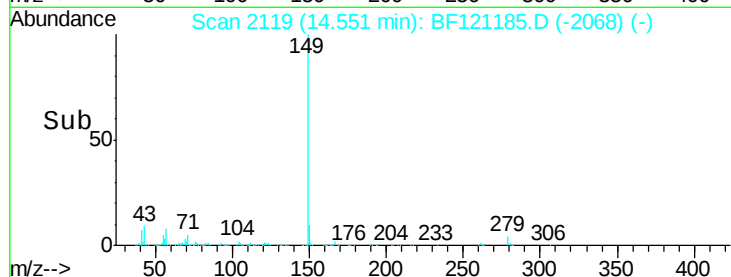
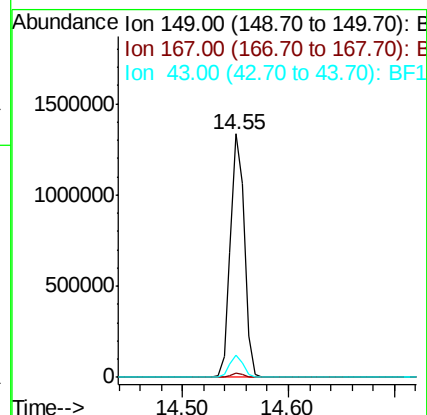
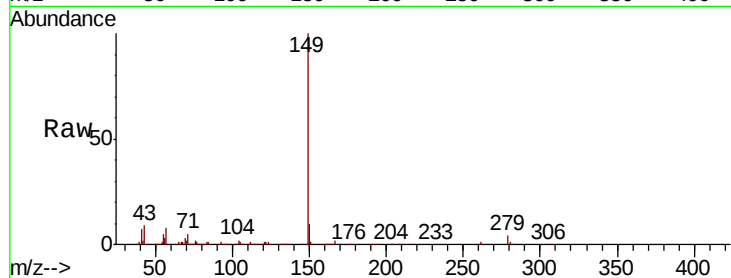




#85
Di-n-octyl phthalate
Concen: 41.721 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

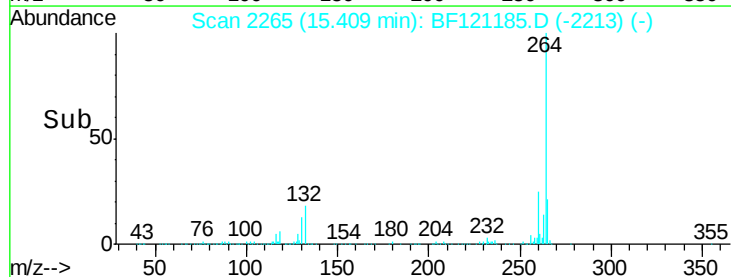
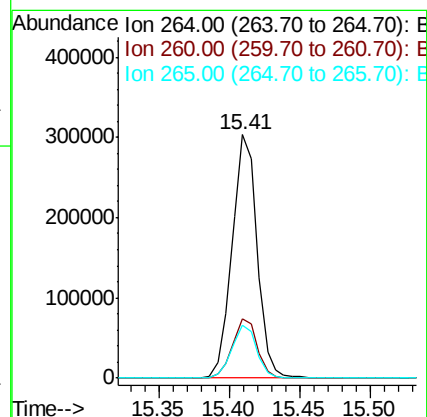
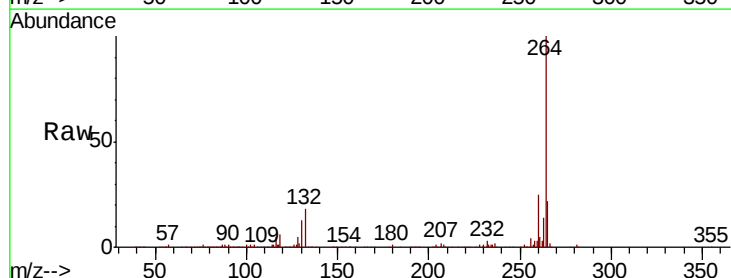
Instrument :
BNA_F
ClientSampleId :
PB130683BS

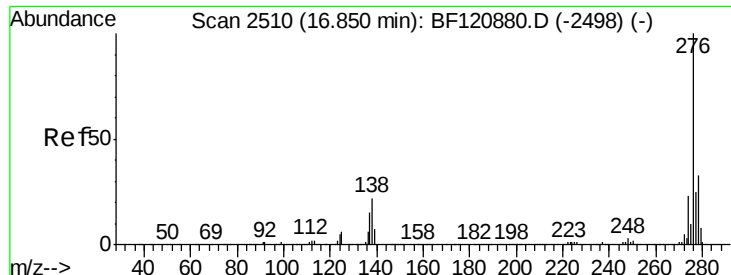
Tot Ion:149 Resp: 1224594
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.5 11.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion:264 Resp: 374331
Ion Ratio Lower Upper
264 100
260 24.6 19.9 29.9
265 21.5 17.8 26.8

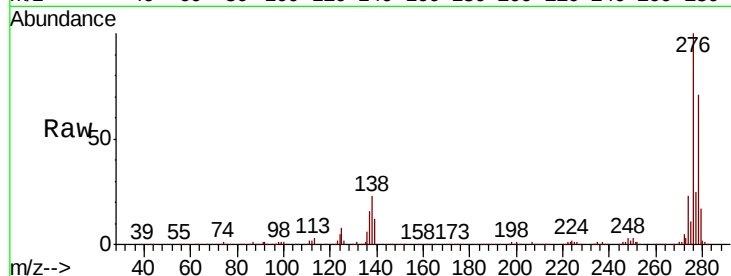




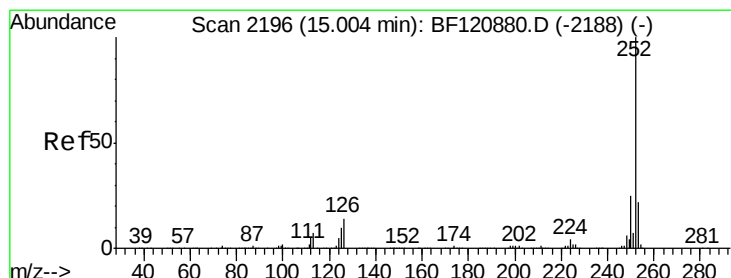
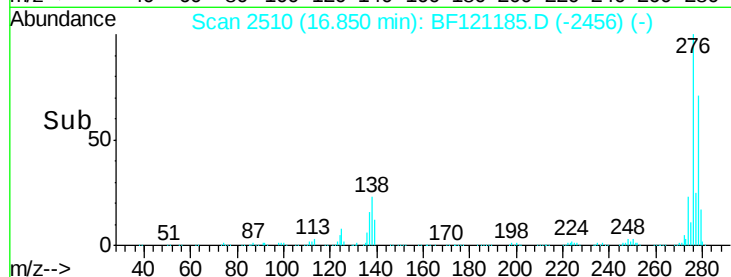
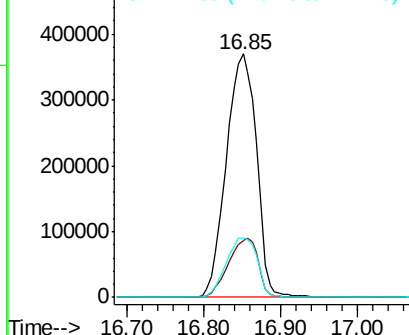
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.974 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.02 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion:276 Resp: 1014627
 Ion Ratio Lower Upper
 276 100
 138 24.1 19.3 28.9
 277 25.5 20.1 30.1

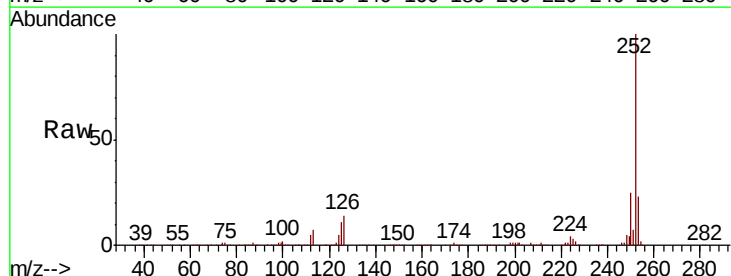


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

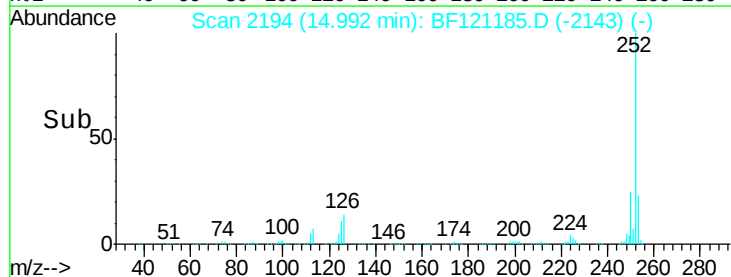
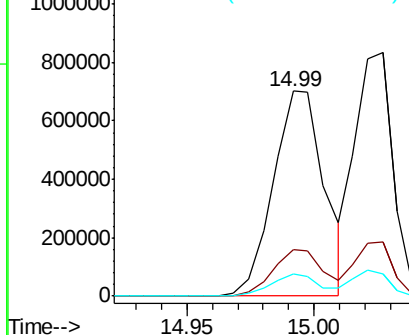


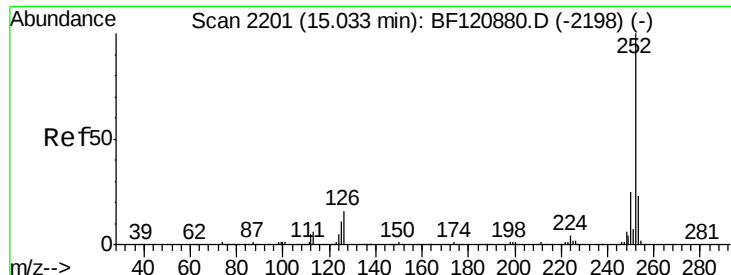
#88
 Benzo(b)fluoranthene
 Concen: 43.690 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion:252 Resp: 988576
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.9 26.9
 125 11.0 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

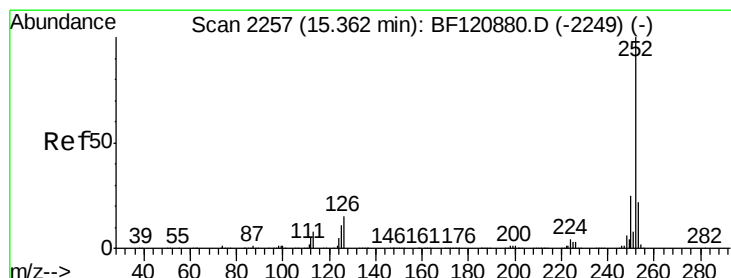
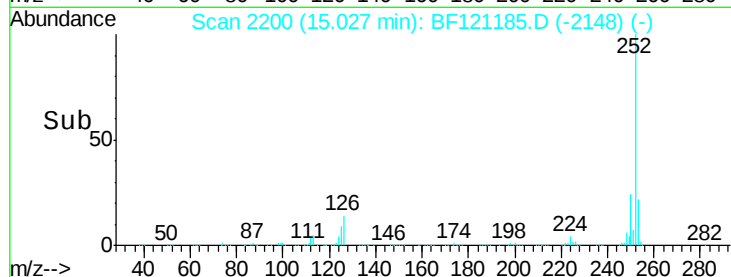
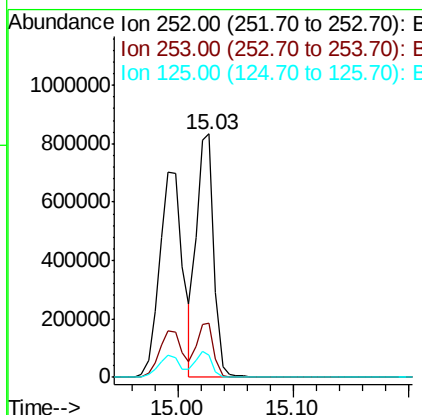
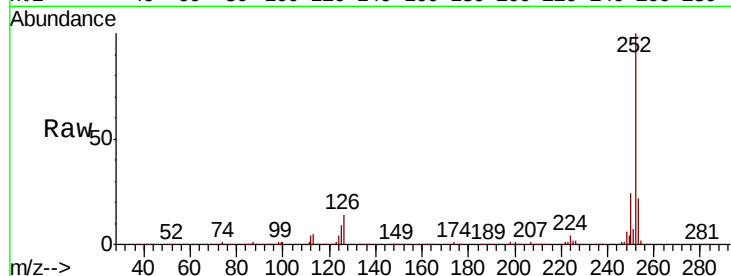




#89
Benzo(k)fluoranthene
Concen: 42.514 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

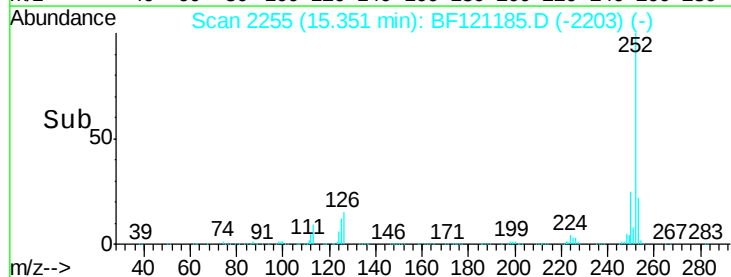
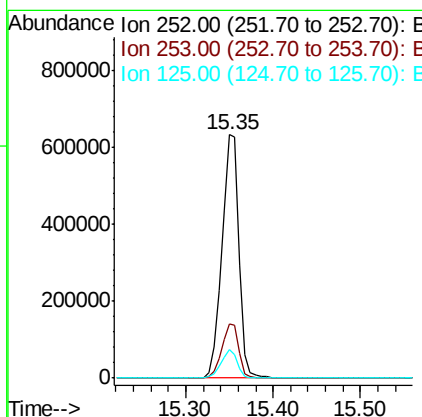
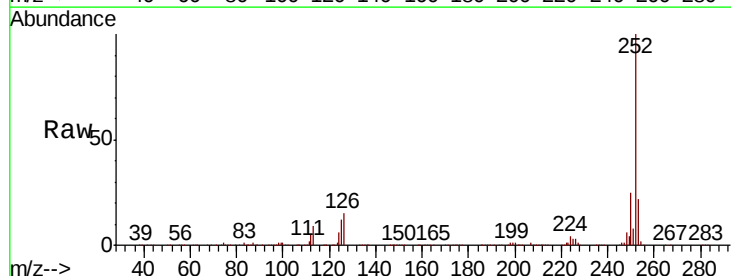
Instrument :
BNA_F
ClientSampled :
PB130683BS

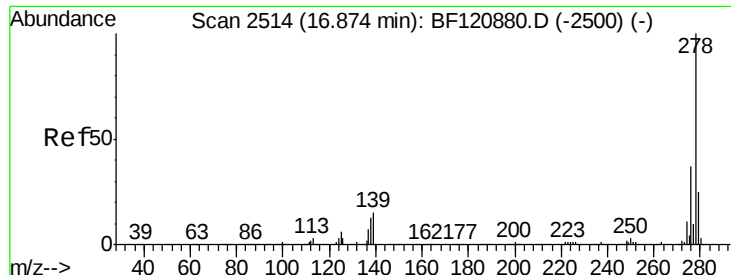
Tot Ion:252 Resp: 877306
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 9.1 8.0 12.0



#90
Benzo(a)pyrene
Concen: 41.497 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion:252 Resp: 856659
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 11.8 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 39.897 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

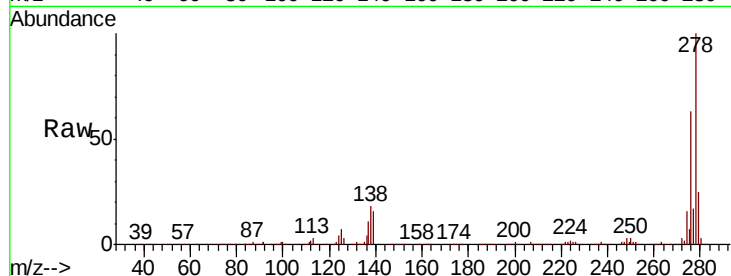
Tot Ion:278 Resp: 848434

Ion Ratio Lower Upper

278 100

139 16.1 12.6 18.8

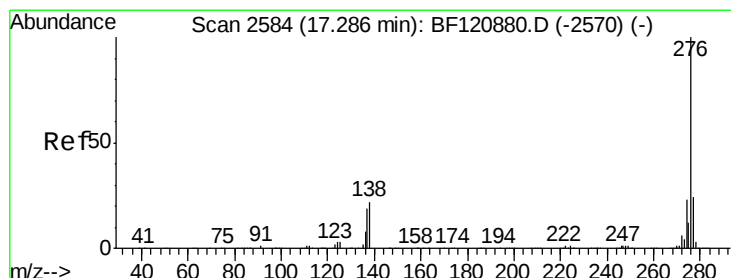
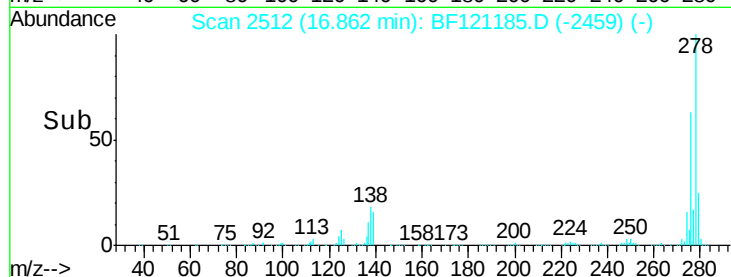
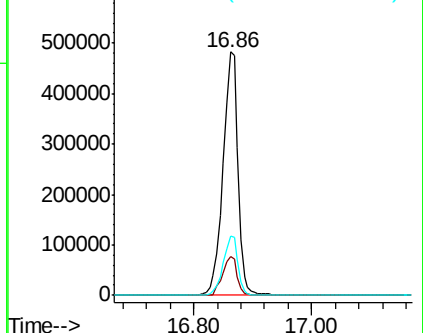
279 24.6 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.757 ng

RT: 17.28 min Scan# 2583

Delta R.T. 0.02 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

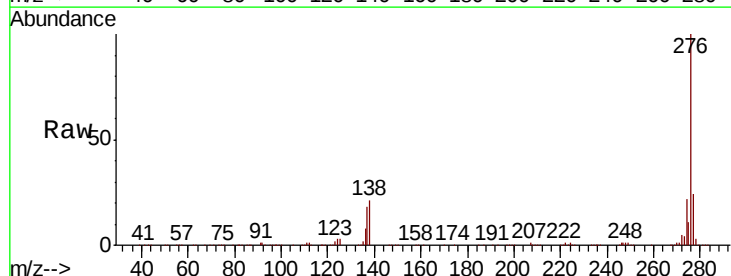
Tgt Ion:276 Resp: 854581

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 21.0 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

