Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108793.D
Acq On : 5 Sep 2018 23:55
Operator : JU/SJ
Sample : J4741-02 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 06 05:29:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	268438	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	986384	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	394185	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	651271	20.00	ng	0.00
75) Chrysene-d12	13.87	240	616655	20.00	ng	0.00
86) Perylene-d12	15.27	264	471813	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	5736	0.35	ng	0.00
7) Phenol-d6	6.35	99	29414	1.41	ng	-0.02
23) Nitrobenzene-d5	7.28	82	35176	2.23	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.09	172	81378	3.52	ng	0.00
78) Terphenyl-d14	12.82	244	67760	2.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.43	88	244	0.031	ng	# 1
3) Pyridine	3.01	79	110	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.08	42	233	0.028	ng	# 1
9) Benzaldehyde	6.50	77	428	0.029	ng	# 76
10) Phenol	6.37	94	554	0.023	ng	# 73
15) Benzyl Alcohol	6.89	79	832	0.052	ng	# 38
19) n-Nitroso-di-n-propylamine	7.28	70	4564	0.315	ng	# 85
24) Nitrobenzene	7.14	77	120	0.007	ng	# 38
25) Isophorone	7.28	82	35187	1.119	ng	# 64
28) bis(2-Chloroethoxy)methane	8.02	93	130	0.006	ng	# 1
31) Naphthalene	8.04	128	636	0.014	ng	# 68
32) Benzoic acid	8.02	122	128	4.032	ng	# 1
37) 2-Methylnaphthalene	8.72	142	620	0.021	ng	# 89
45) 1,1'-Biphenyl	9.19	154	140	0.005	ng	# 42
47) 2-Nitroaniline	9.48	65	264	0.039	ng	# 1
48) Acenaphthylene	9.62	152	667	0.018	ng	# 60
49) Dimethylphthalate	9.48	163	23873	0.866	ng	# 99
50) 2,6-Dinitrotoluene	9.77	165	50691	9.649	ng	# 26
51) Acenaphthene	9.80	154	648	0.029	ng	# 77
54) Dibenzofuran	9.97	168	574	0.017	ng	# 75
55) 4-Nitrophenol	9.97	139	148	0.032	ng	# 9
56) 2,4-Dinitrotoluene	9.77	165	50691	7.545	ng	# 23
57) Fluorene	10.31	166	449	0.021	ng	# 77
59) Diethylphthalate	10.18	149	3621	0.127	ng	# 88
62) Azobenzene	10.61	77	119	0.004	ng	# 50
70) Phenanthrene	11.26	178	4446	0.143	ng	# 93
71) Anthracene	11.31	178	1360	0.046	ng	# 80
72) Carbazole	11.47	167	759	0.024	ng	# 59
73) Di-n-butylphthalate	11.81	149	1397	0.040	ng	# 78
74) Fluoranthene	12.44	202	7116	0.231	ng	96
76) Benzidine	12.82	184	1166	0.040	ng	# 67
77) Pyrene	12.67	202	6536	0.138	ng	97
79) Butylbenzylphthalate	13.30	149	1890	0.088	ng	# 44
80) Benzo(a)anthracene	13.85	228	5786	0.146	ng	# 82

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108793.D
Acq On : 5 Sep 2018 23:55
Operator : JU/SJ
Sample : J4741-02 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 06 05:29:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
81) 3,3'-Dichlorobenzidine	13.82	252	353	0.023	ng	#	28
82) Chrysene	13.89	228	3302	0.086	ng	#	76
83) Bis(2-ethylhexyl)phthalate	13.87	149	3636	0.135	ng	#	79
84) Di-n-octyl phthalate	14.49	149	529	0.012	ng	#	1
85) Indeno(1,2,3-cd)pyrene	16.61	276	1927	0.057	ng	#	80
87) Benzo(b)fluoranthene	14.87	252	7158	0.279	ng	#	5
88) Benzo(k)fluoranthene	14.93	252	472	0.020	ng	#	1
89) Benzo(a)pyrene	15.21	252	3027	0.131	ng	#	1
90) Dibenzo(a,h)anthracene	16.62	278	1625	0.080	ng	#	1
91) Benzo(g,h,i)perylene	17.02	276	2825	0.138	ng	#	51

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108793.D
Acq On : 5 Sep 2018 23:55
Operator : JU/SJ
Sample : J4741-02 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 06 05:29:06 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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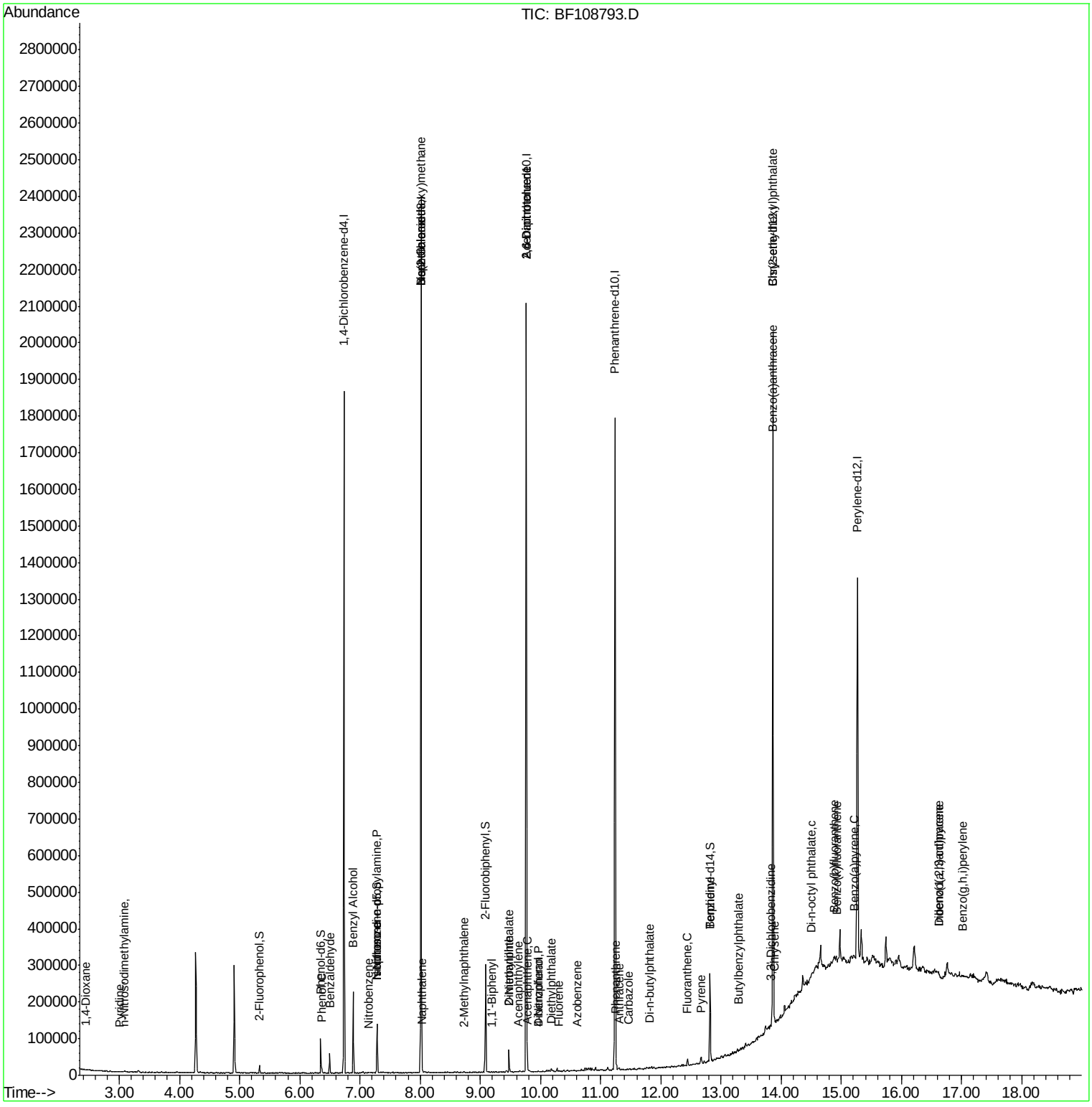
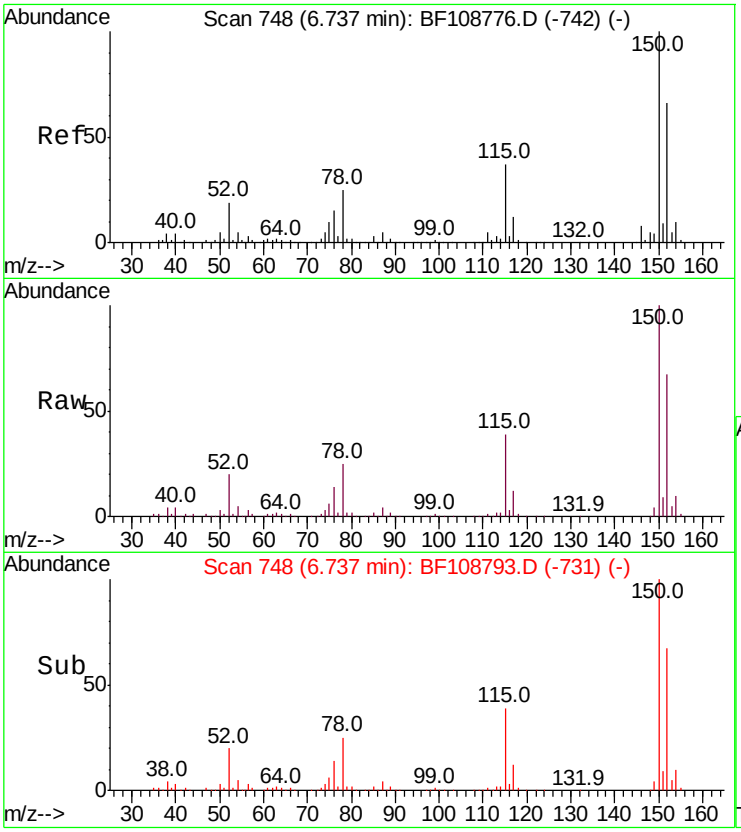


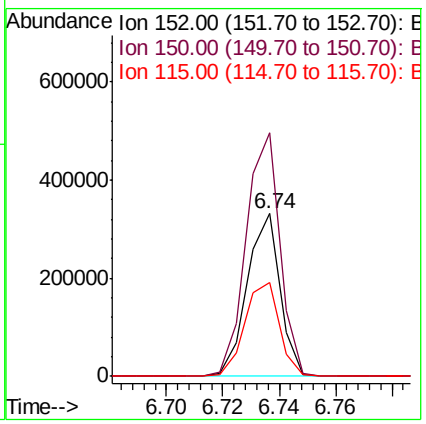


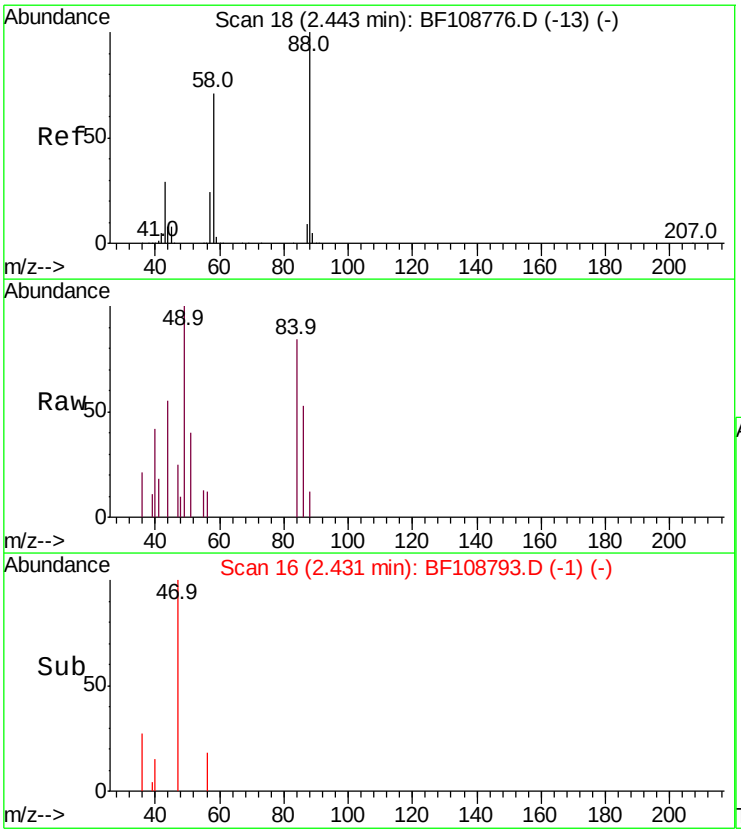
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 268438

Ion	Ratio	Lower	Upper
152	100		
150	149.7	124.6	186.8
115	58.1	50.1	75.1

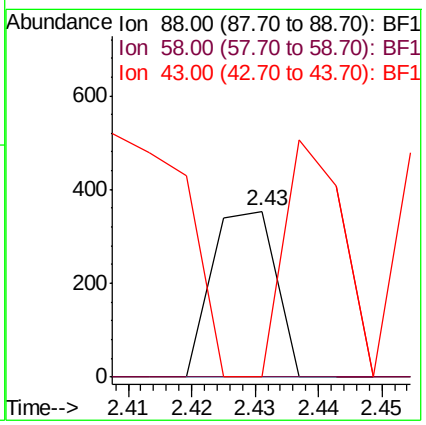


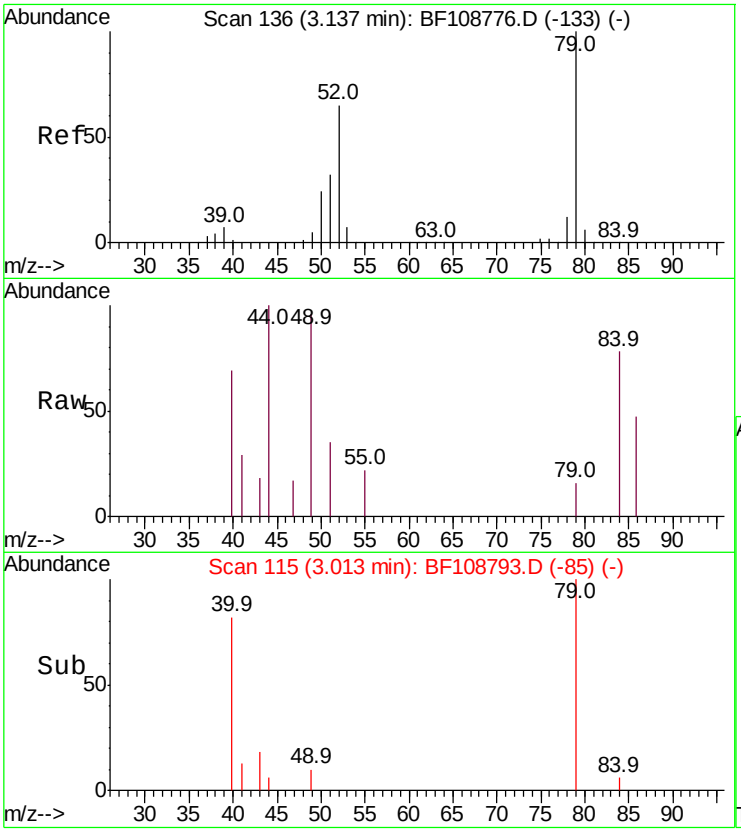


#2
1,4-Dioxane
Concen: 0.031 ng
RT: 2.43 min Scan# 16
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion: 88 Resp: 244

Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	132.4	24.6	37.0#



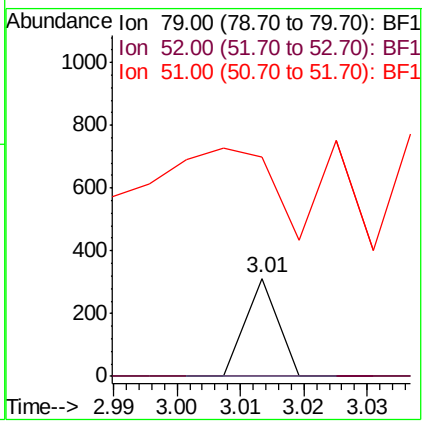


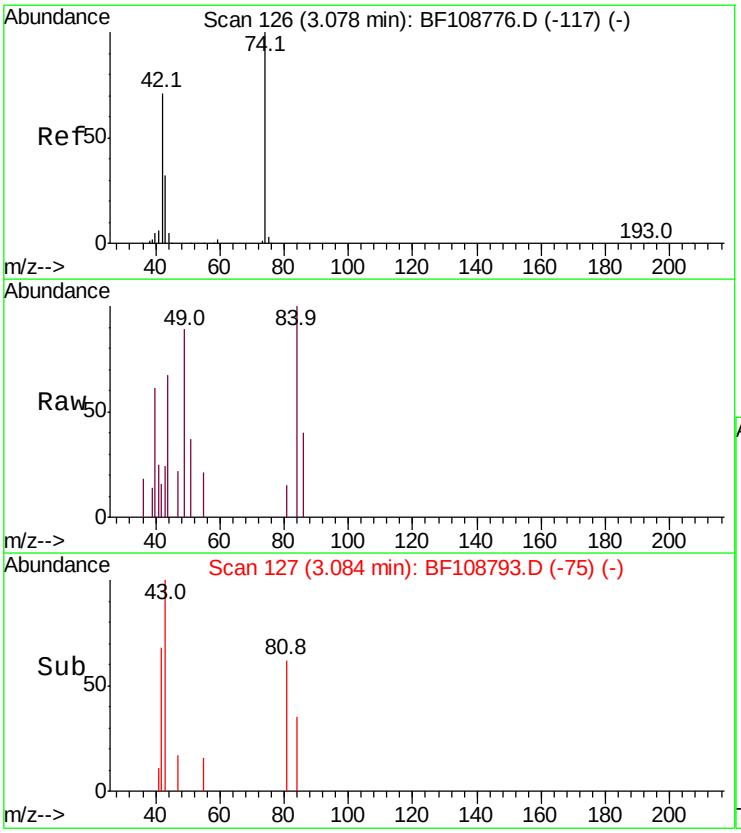
#3
Pyridine
Concen: 0.005 ng
RT: 3.01 min Scan# 115
Delta R.T. -0.12 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 110

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	224.0	29.8	44.8#

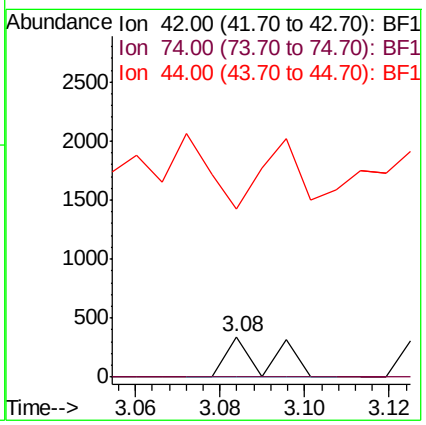


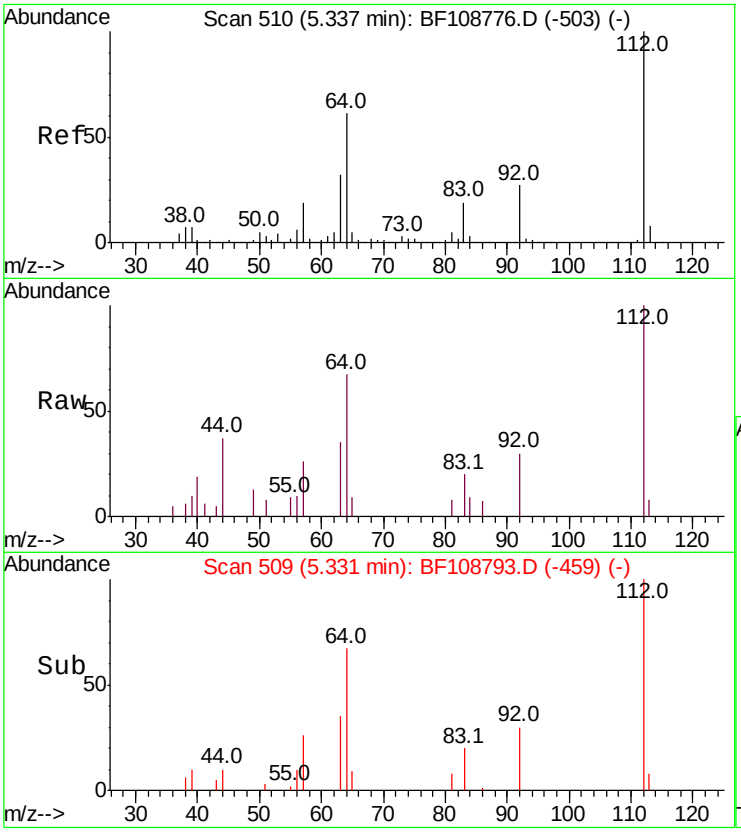


#4
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.08 min Scan# 127
Delta R.T. 0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion: 42 Resp: 233

Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	414.3	6.9	10.3#



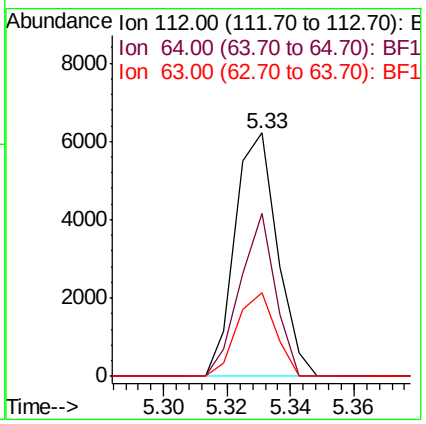


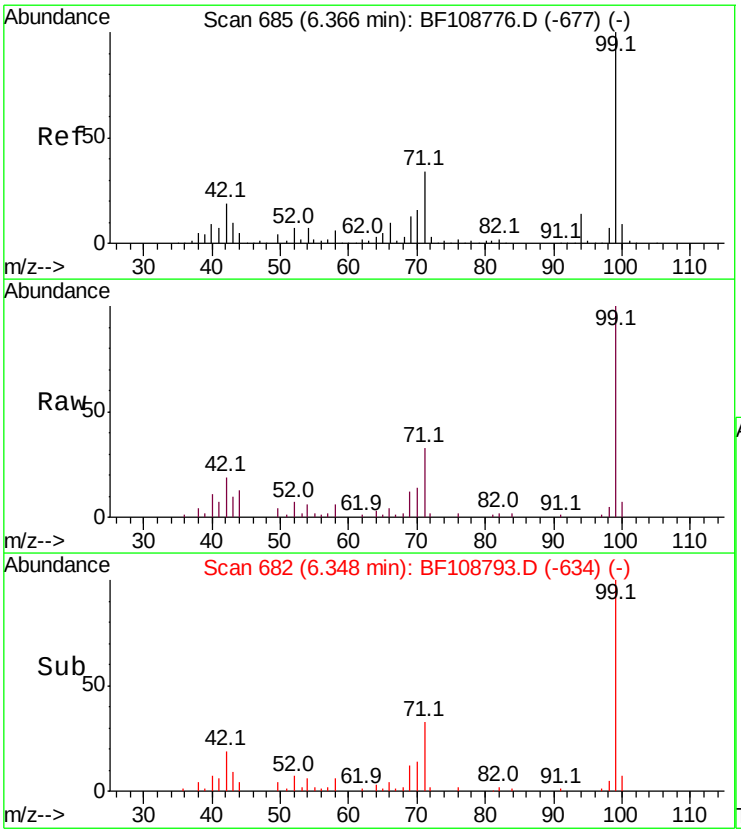
#5
2-Fluorophenol
Concen: 0.354 ng
RT: 5.33 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 5736

Ion	Ratio	Lower	Upper
112	100		
64	66.8	47.9	71.9
63	34.5	23.7	35.5

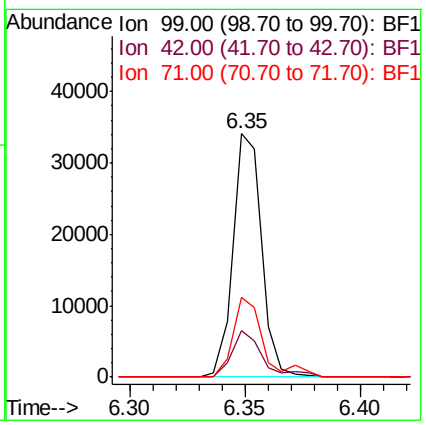


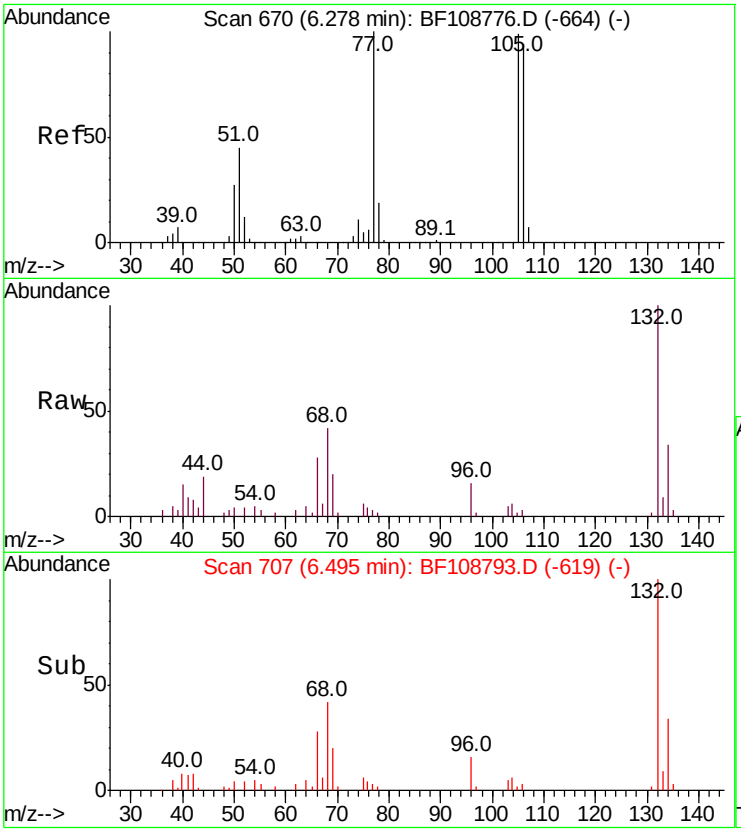


#7
Phenol-d6
Concen: 1.411 ng
RT: 6.35 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion: 99 Resp: 29414

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	32.5	25.4	38.0



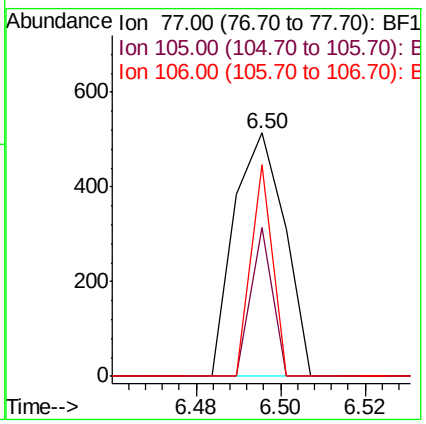


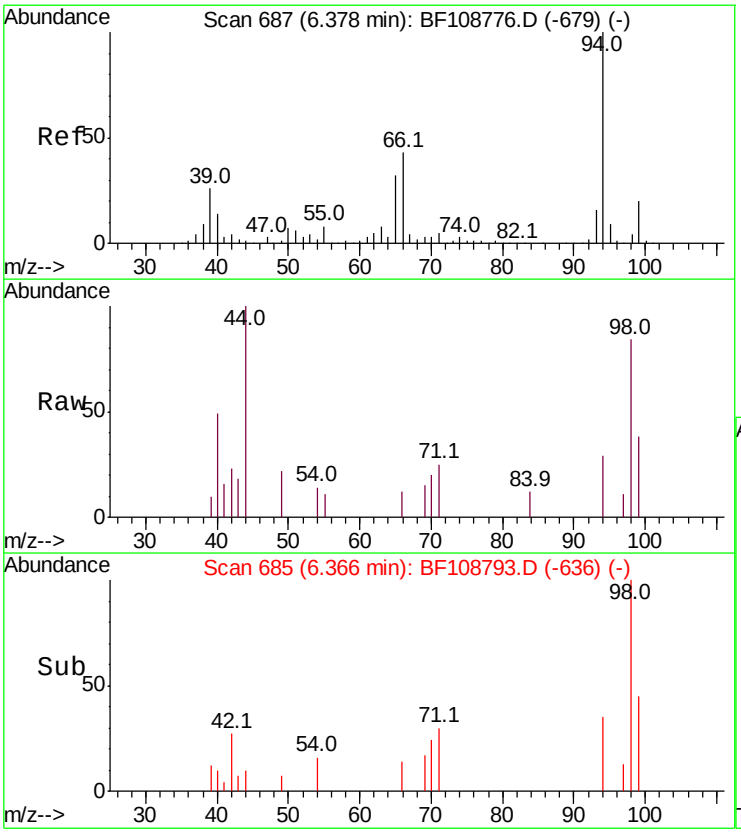
#9
Benzaldehyde
Concen: 0.029 ng
RT: 6.50 min Scan# 707
Delta R.T. 0.22 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 428

Ion	Ratio	Lower	Upper
77	100		
105	61.3	81.1	121.1#
106	87.2	74.5	114.5

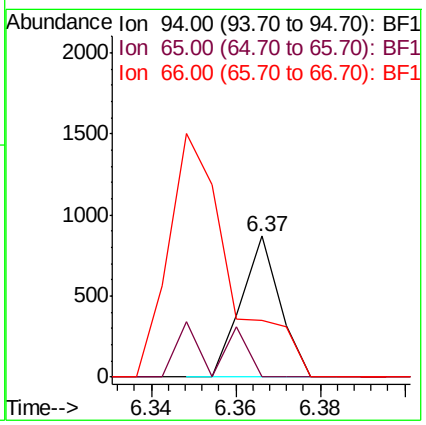


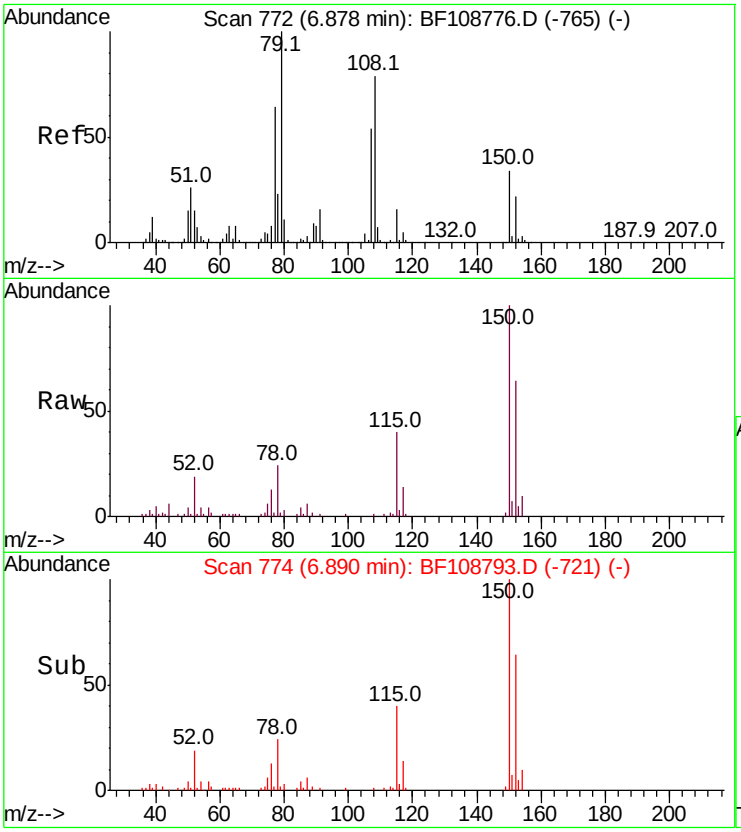


#10
Phenol
Concen: 0.023 ng
RT: 6.37 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion: 94 Resp: 554

Ion	Ratio	Lower	Upper
94	100		
65	0.0	7.9	47.9#
66	40.2	16.2	56.2



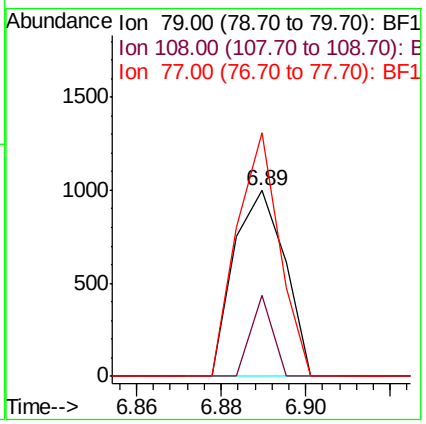


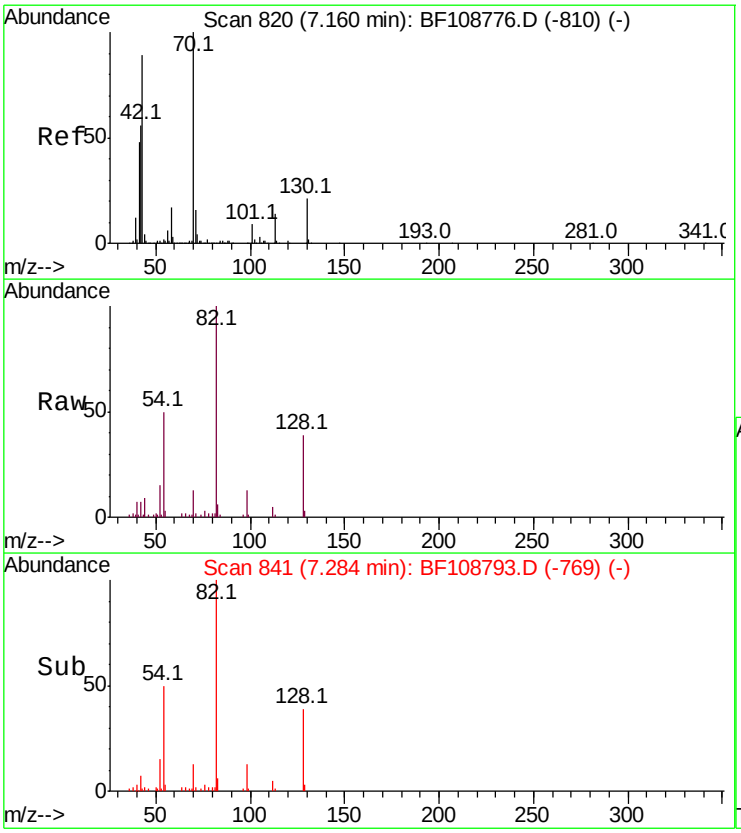
#15
Benzyl Alcohol
Concen: 0.052 ng
RT: 6.89 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 832

Ion	Ratio	Lower	Upper
79	100		
108	43.7	65.1	97.7#
77	131.2	50.6	75.8#

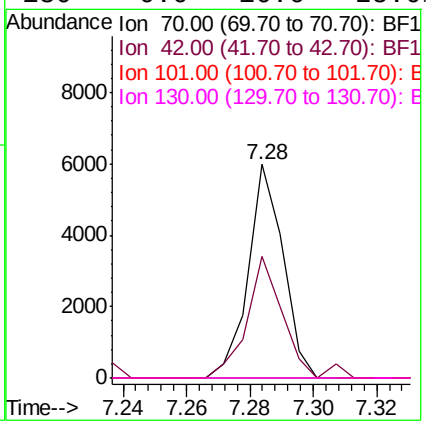


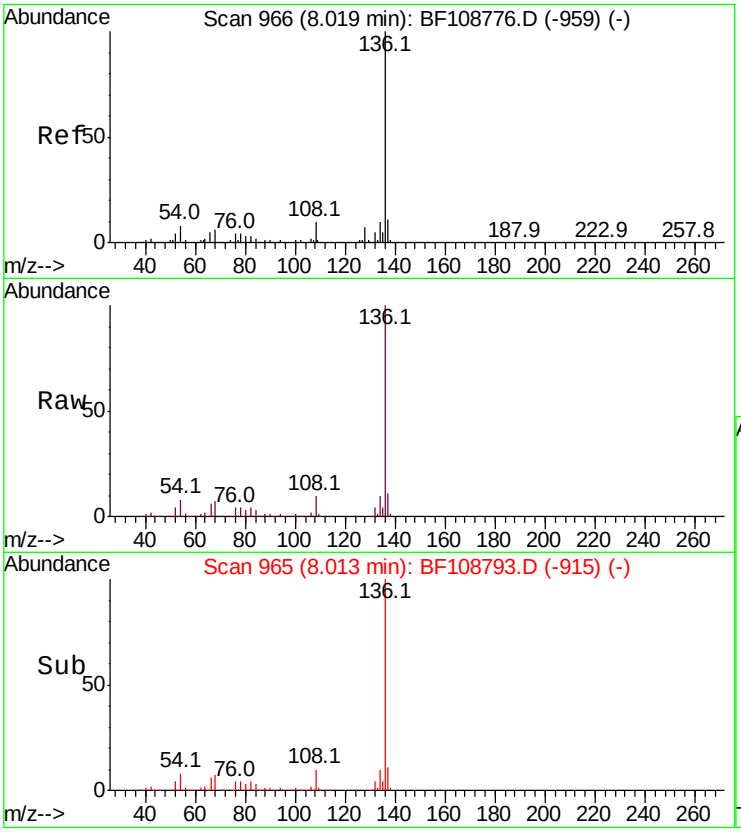


#19
n-Nitroso-di-n-propylamine
Concen: 0.315 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.12 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion: 70 Resp: 4564

Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



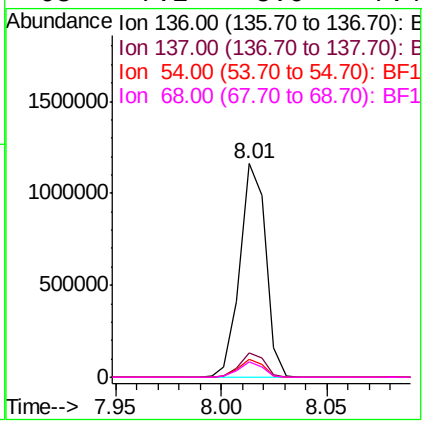


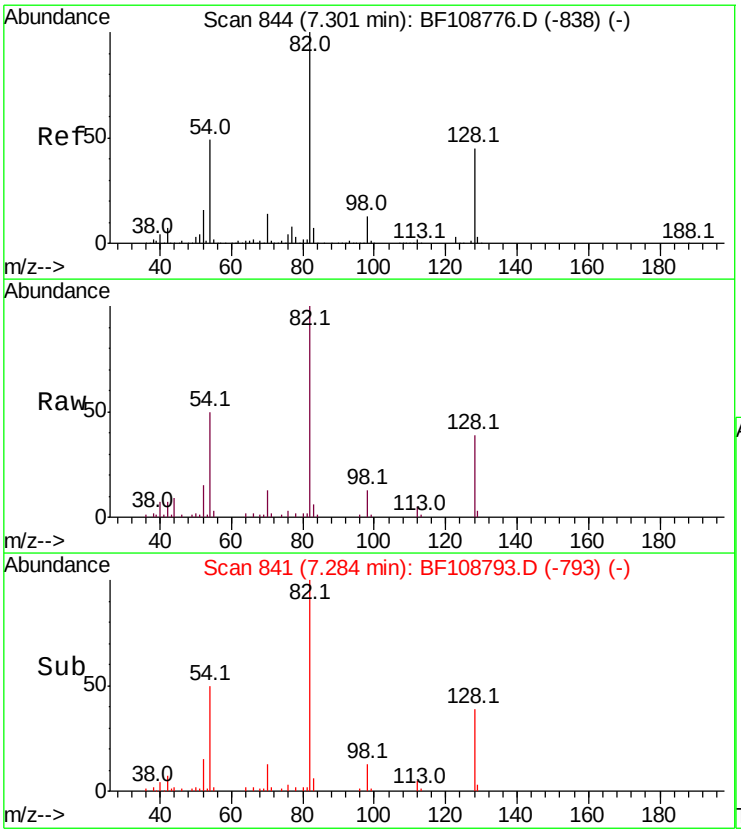
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 986384

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.3	6.6	9.8
68	7.2	5.0	7.4

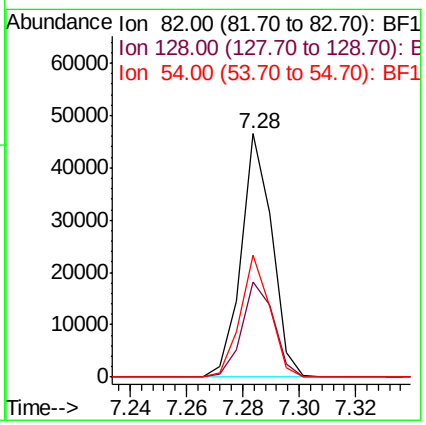


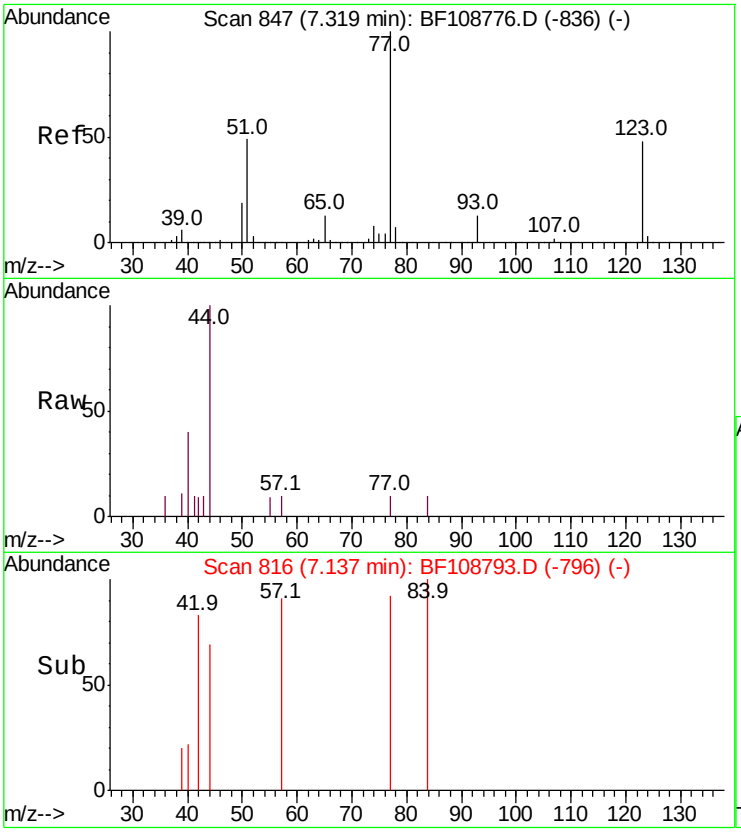


#23
Nitrobenzene-d5
Concen: 2.232 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion: 82 Resp: 35176

Ion	Ratio	Lower	Upper
82	100		
128	39.0	36.1	54.1
54	50.0	41.4	62.2



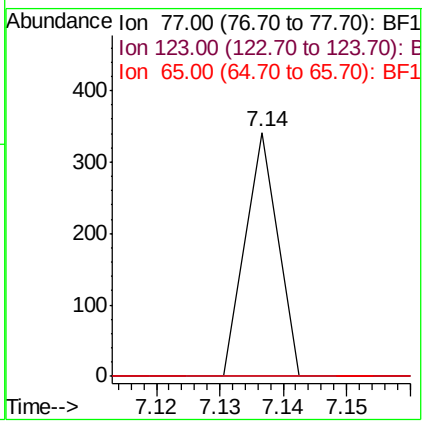


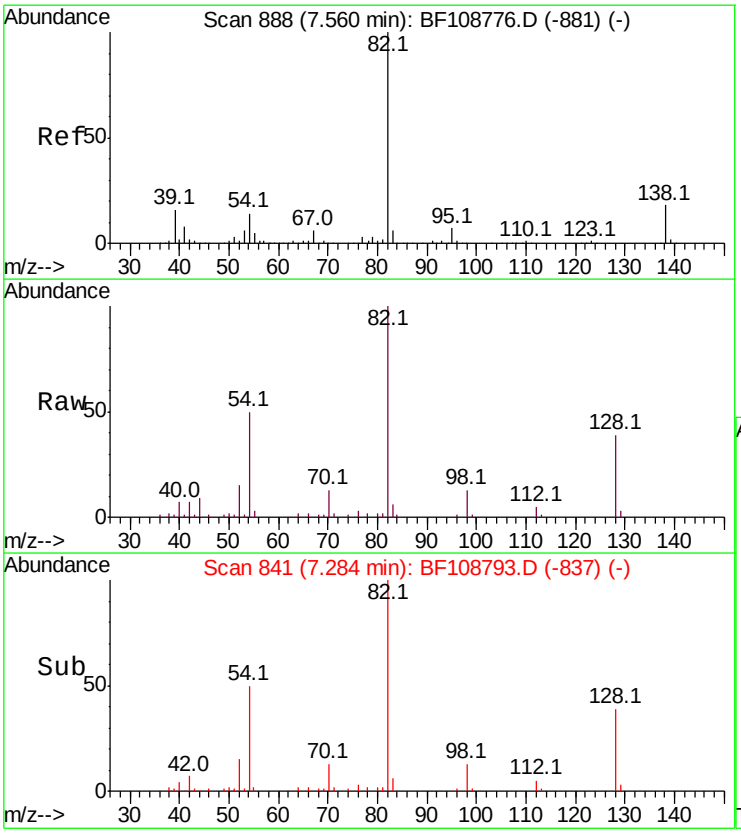
#24
Nitrobenzene
Concen: 0.007 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.18 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 120

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	0.0	11.0	16.4#

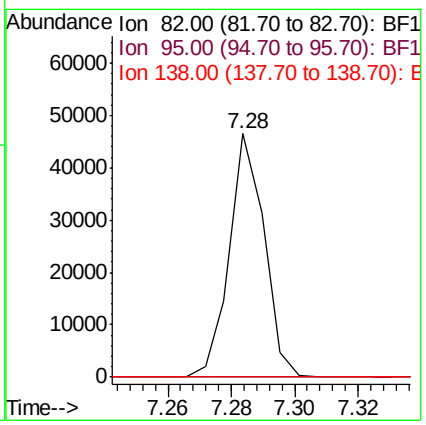


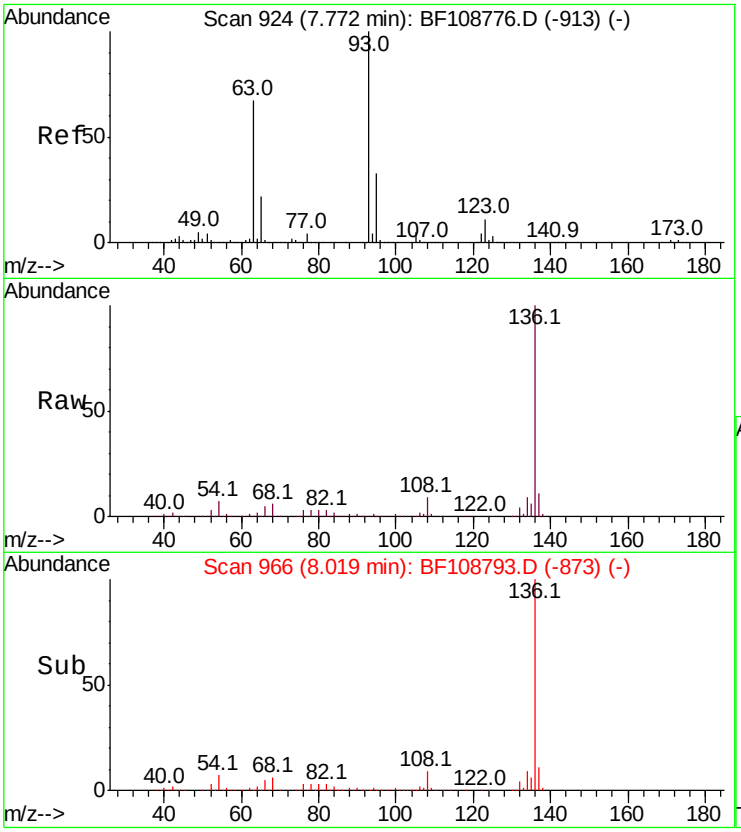


#25
Isophorone
Concen: 1.119 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.28 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion: 82 Resp: 35187

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



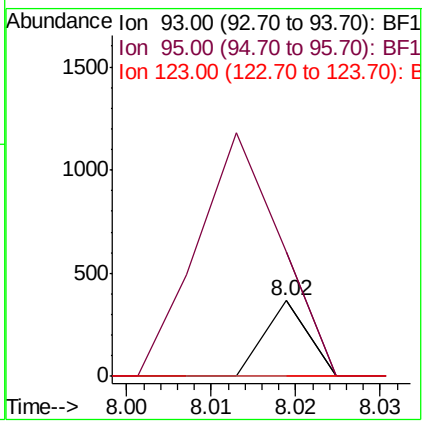


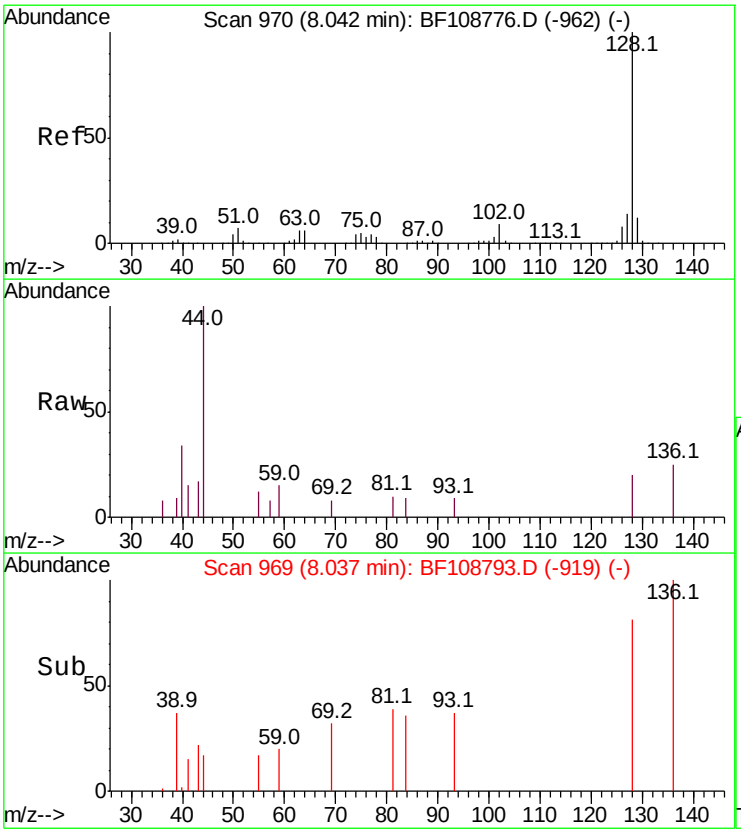
#28
bis(2-Chloroethoxy)methane
Concen: 0.006 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.25 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 130

Ion	Ratio	Lower	Upper
93	100		
95	164.1	26.3	39.5#
123	0.0	9.8	14.6#

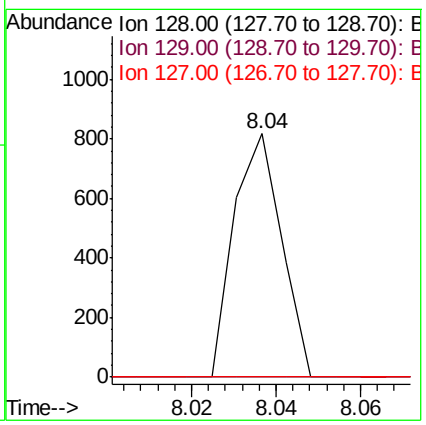


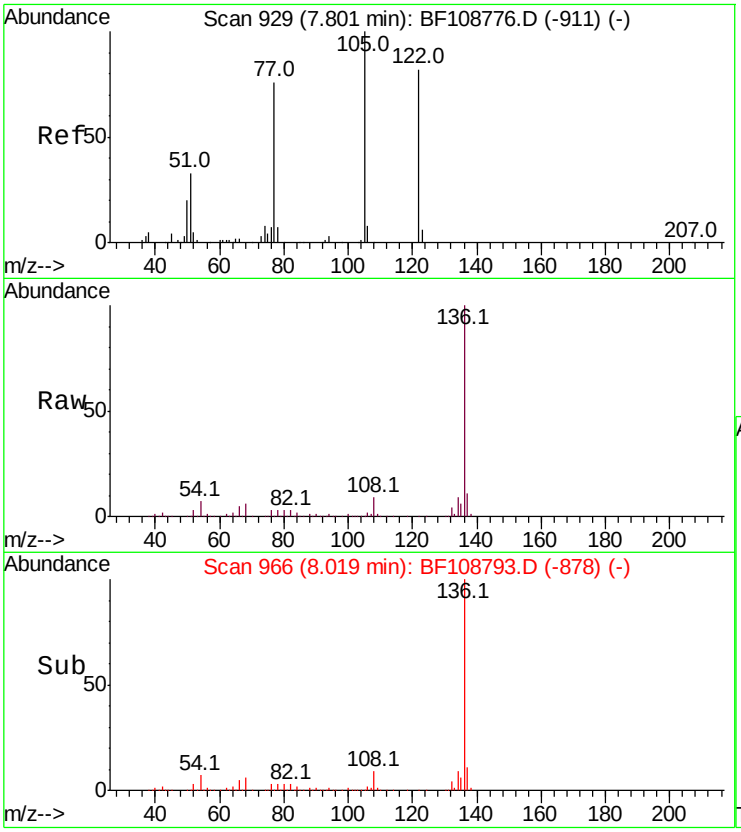


#31
Naphthalene
Concen: 0.014 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:128 Resp: 636

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	0.0	10.9	16.3#



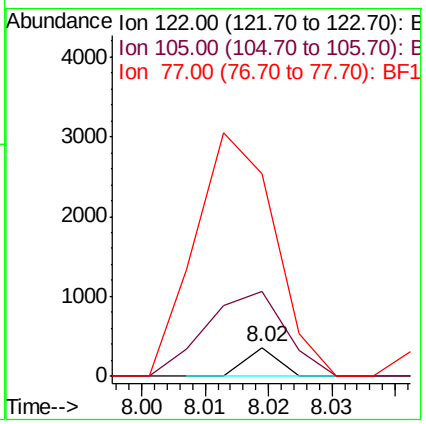


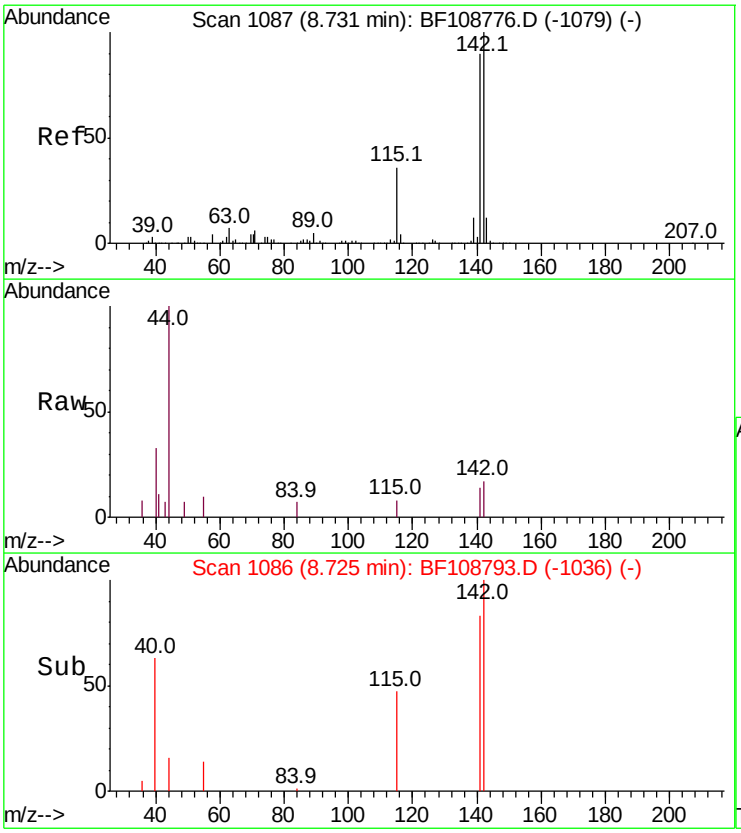
#32
Benzoic acid
Concen: 4.032 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.22 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 128

Ion	Ratio	Lower	Upper
122	100		
105	293.9	101.1	141.1#
77	700.6	70.7	110.7#

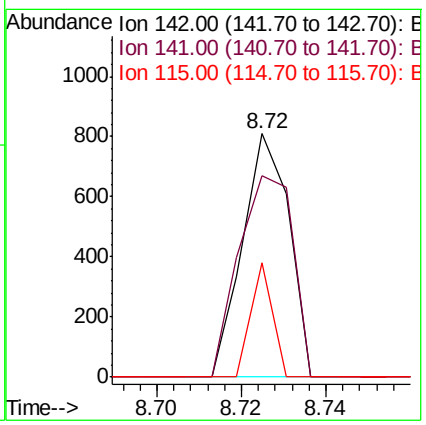


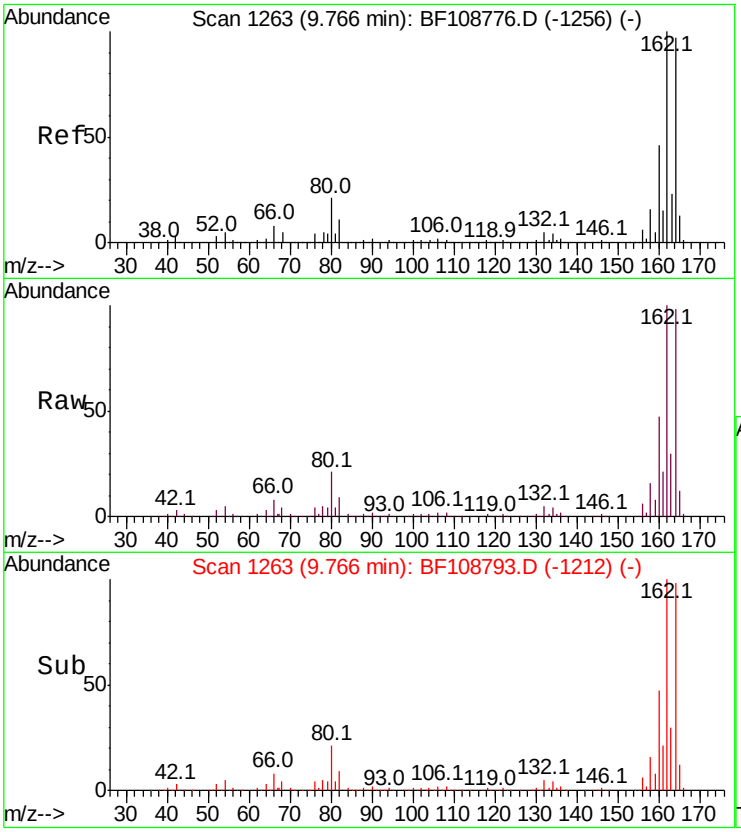


#37
2-Methylnaphthalene
Concen: 0.021 ng
RT: 8.72 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:142 Resp: 620

Ion	Ratio	Lower	Upper
142	100		
141	82.8	70.8	106.2
115	46.9	26.1	39.1#



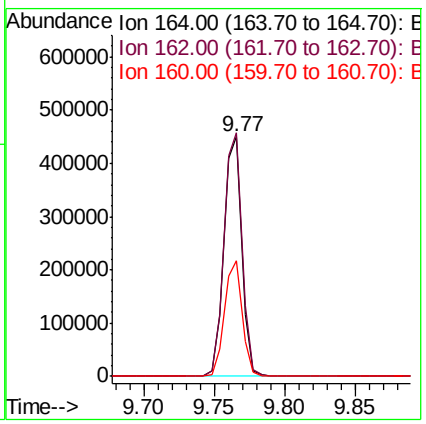


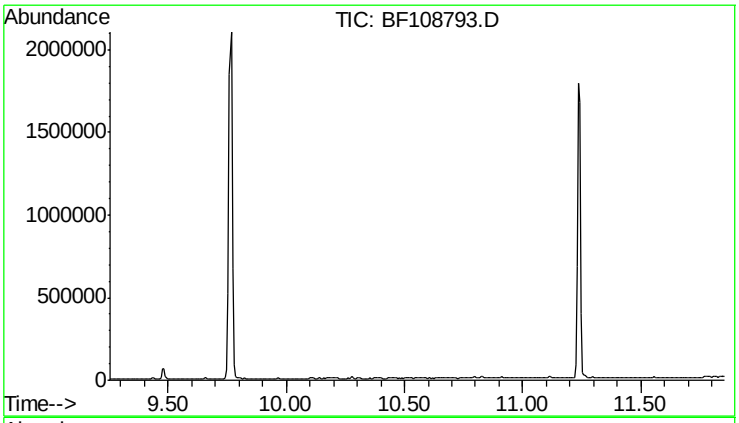
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 394185

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	48.2	38.3	57.5



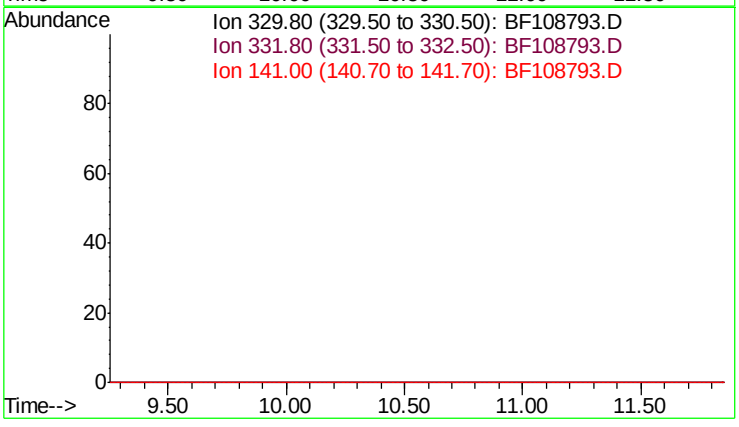


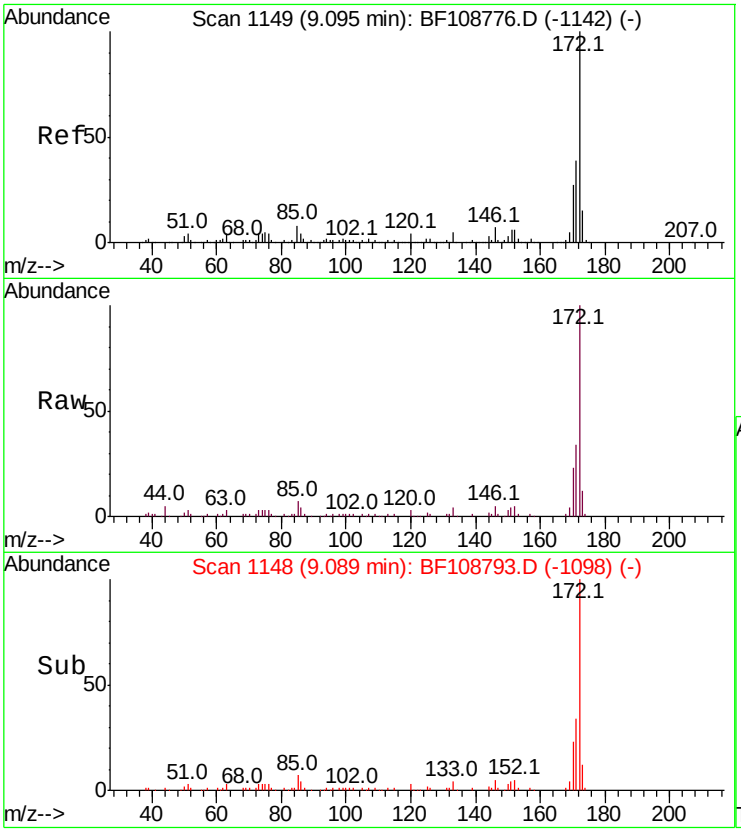
#41
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.55 min

Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.3
141	37.4



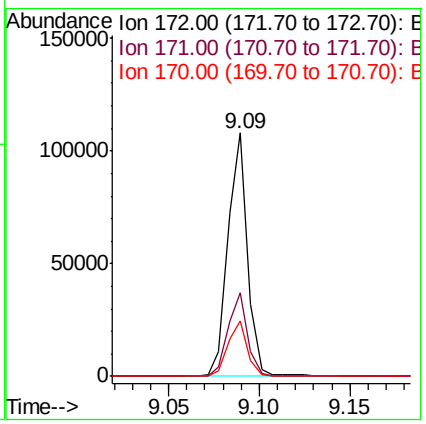


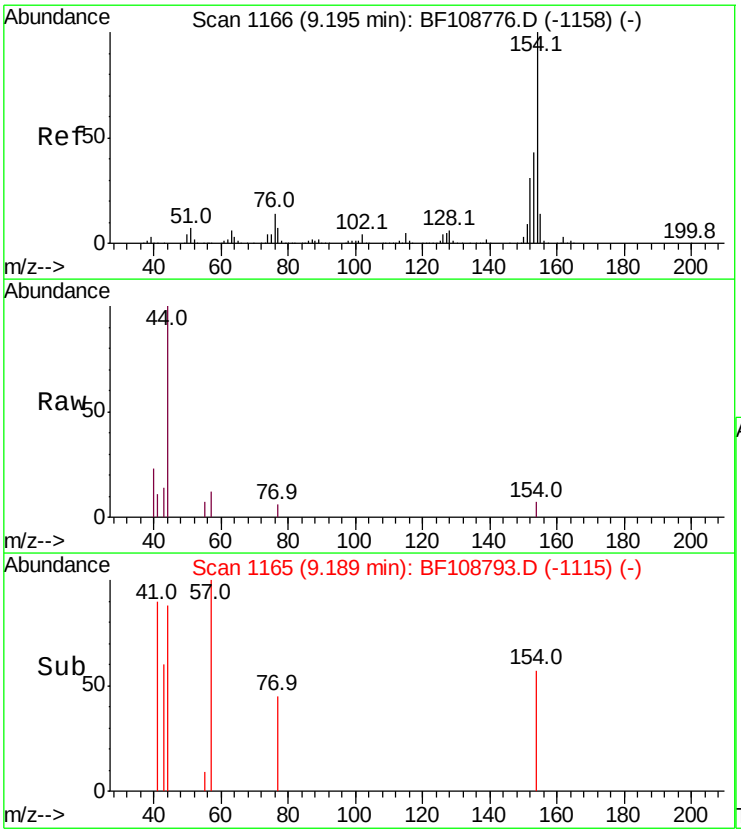
#44
2-Fluorobiphenyl
Concen: 3.522 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 81378

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	22.9	19.6	29.4

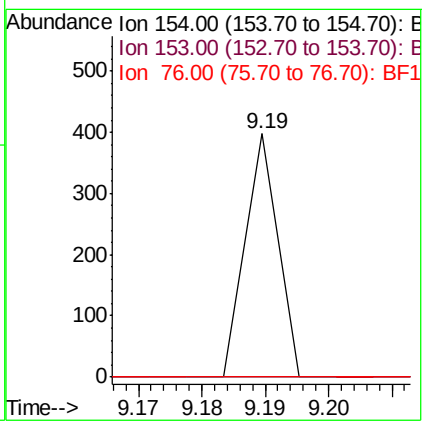


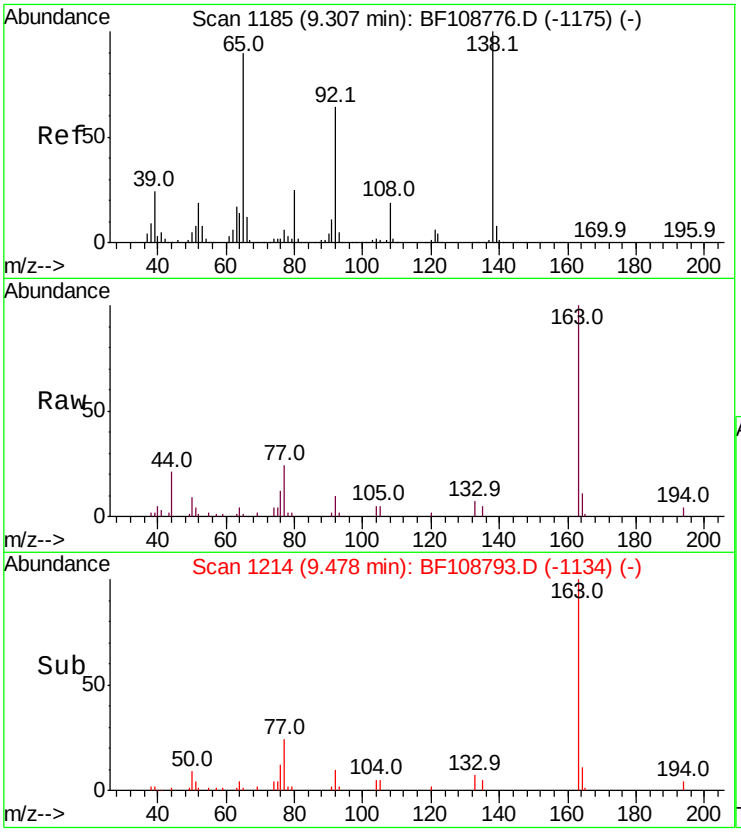


#45
1,1'-Biphenyl
Concen: 0.005 ng
RT: 9.19 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:154 Resp: 140

Ion	Ratio	Lower	Upper
154	100		
153	0.0	21.3	61.3#
76	0.0	0.0	34.0



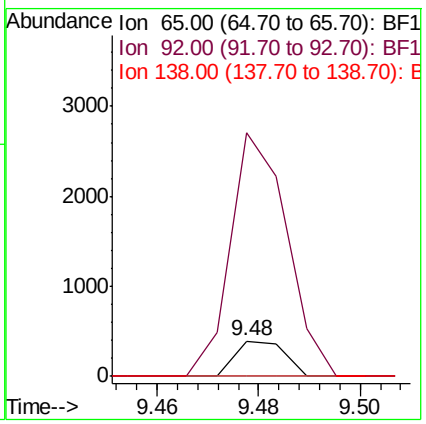


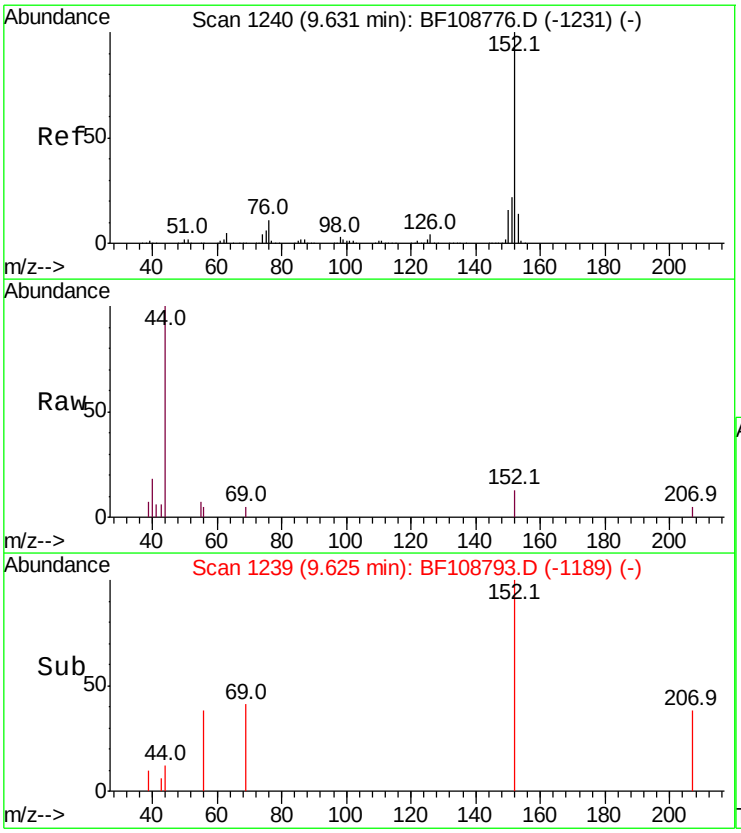
#47
2-Nitroaniline
Concen: 0.039 ng
RT: 9.48 min Scan# 1214
Delta R.T. 0.17 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 264

Ion	Ratio	Lower	Upper
65	100		
92	690.3	55.8	83.6#
138	0.0	91.2	136.8#

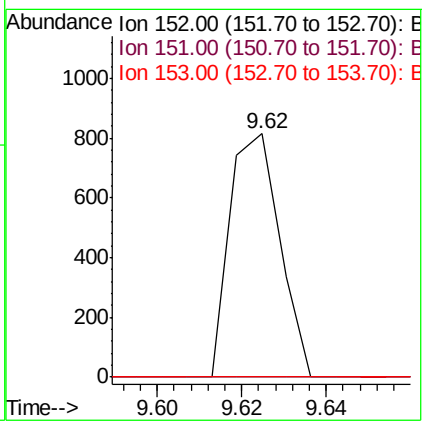


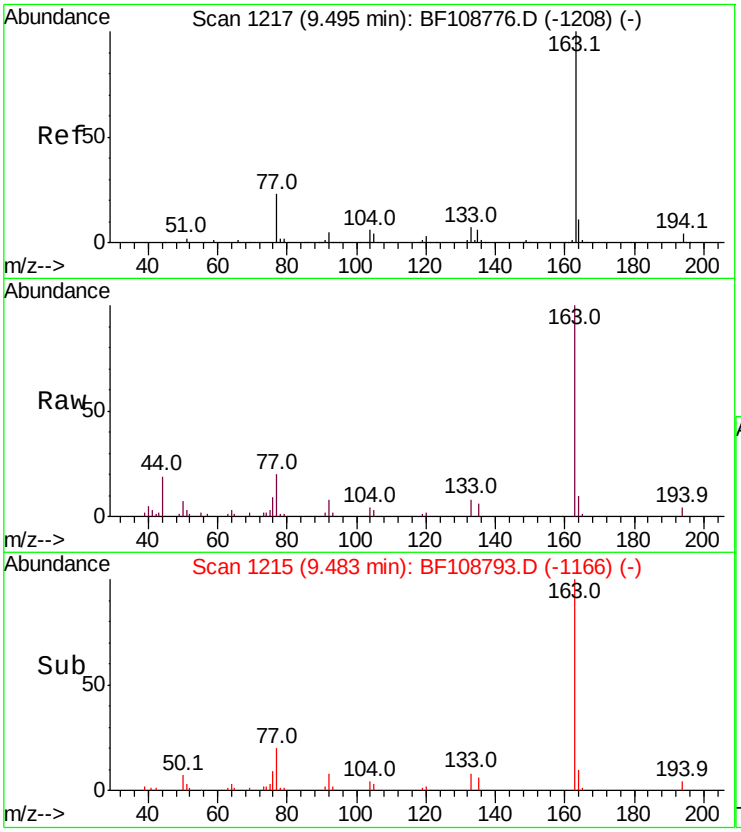


#48
Acenaphthylene
Concen: 0.018 ng
RT: 9.62 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:152 Resp: 667

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.3	24.5#
153	0.0	10.7	16.1#



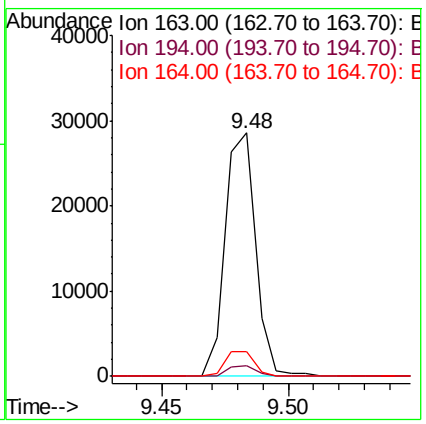


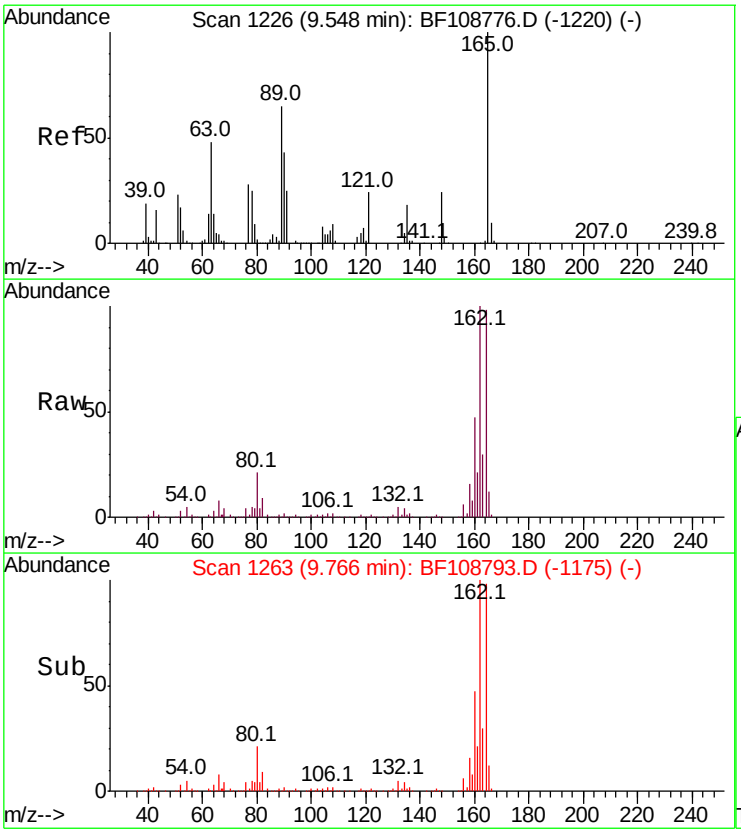
#49
Dimethylphthalate
Concen: 0.866 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 23873

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.9	8.2	12.2

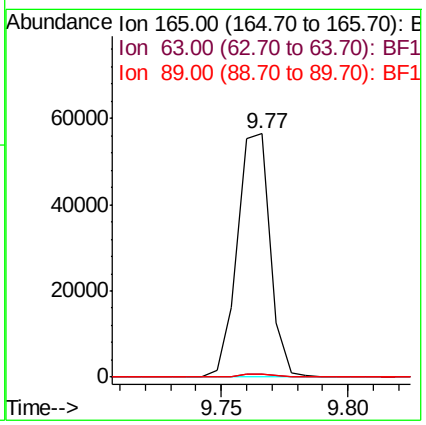


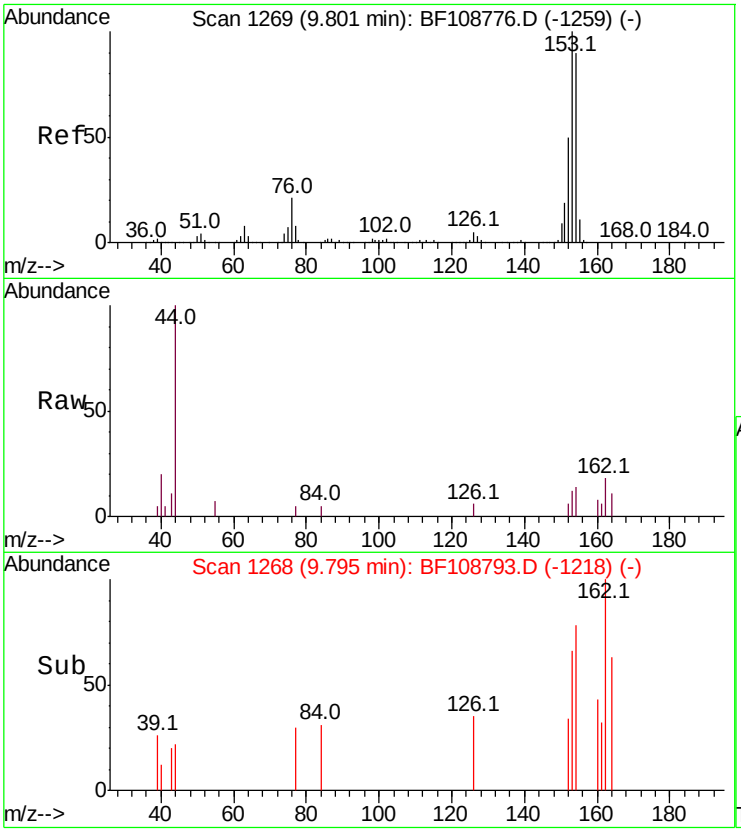


#50
2,6-Dinitrotoluene
Concen: 9.649 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:165 Resp: 50691

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#



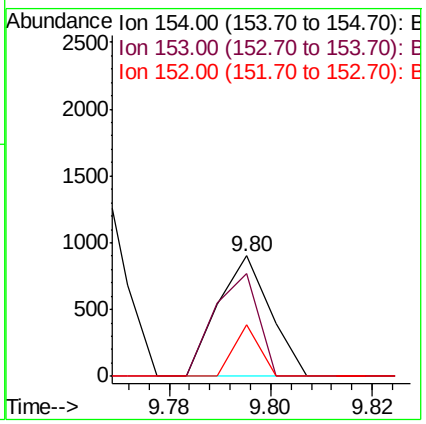


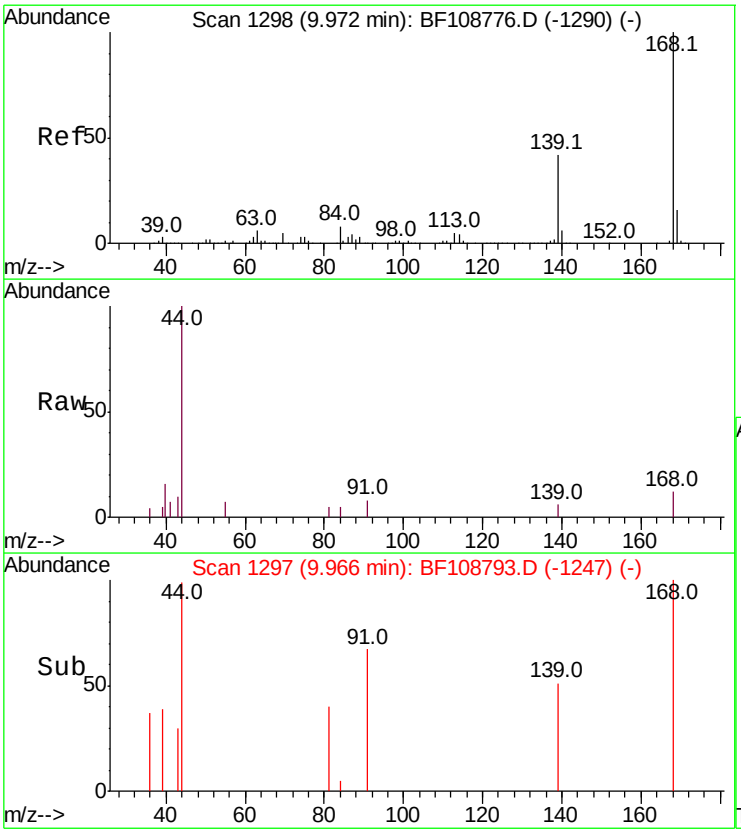
#51
Acenaphthene
Concen: 0.029 ng
RT: 9.80 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 648

Ion	Ratio	Lower	Upper
154	100		
153	85.2	91.2	136.8#
152	43.3	43.8	65.8#

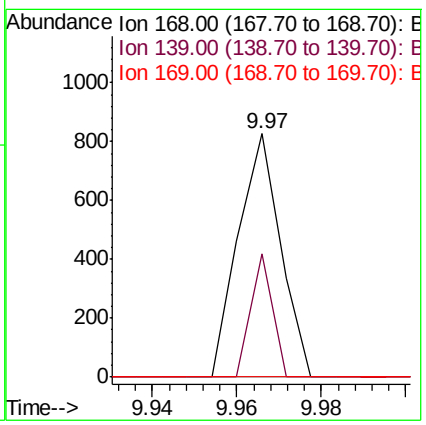


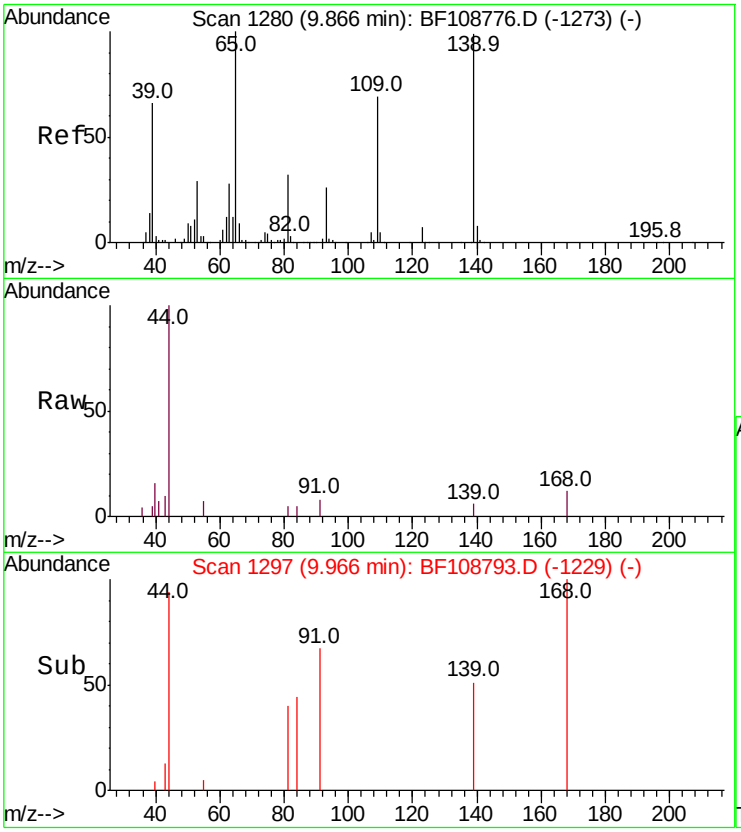


#54
Dibenzofuran
Concen: 0.017 ng
RT: 9.97 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:168 Resp: 574

Ion	Ratio	Lower	Upper
168	100		
139	50.5	30.1	45.1#
169	0.0	10.9	16.3#



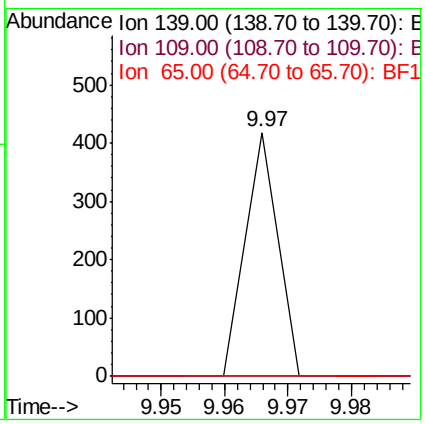


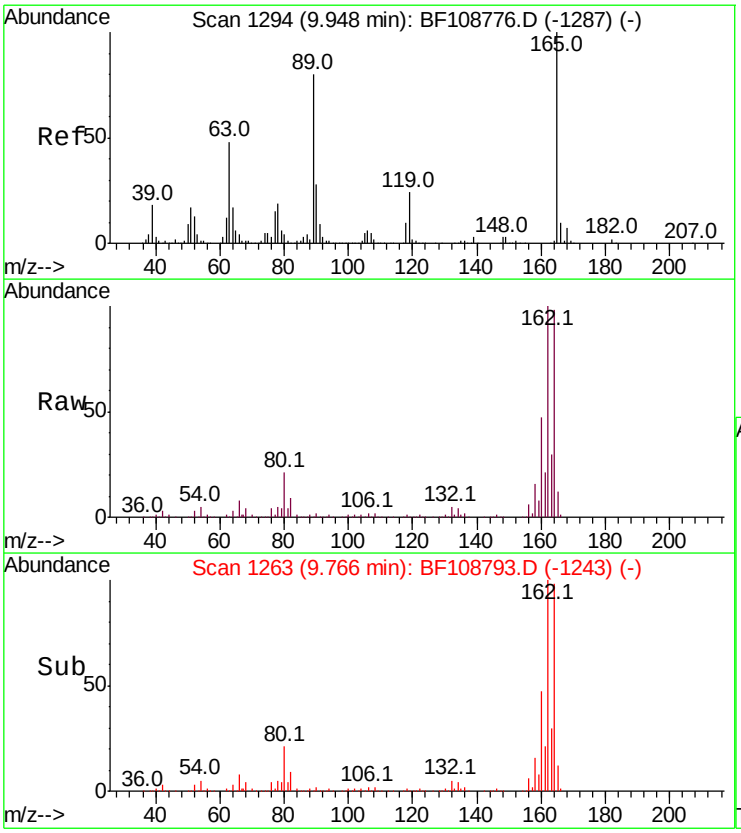
#55
4-Nitrophenol
Concen: 0.032 ng
RT: 9.97 min Scan# 1297
Delta R.T. 0.10 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 148

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

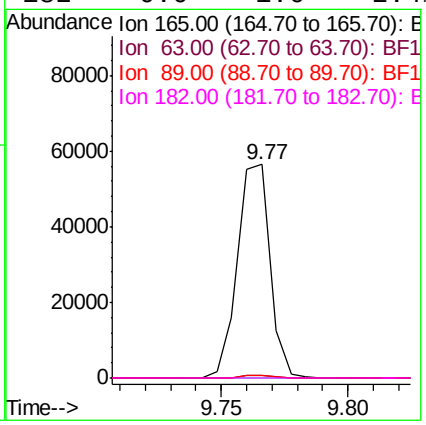


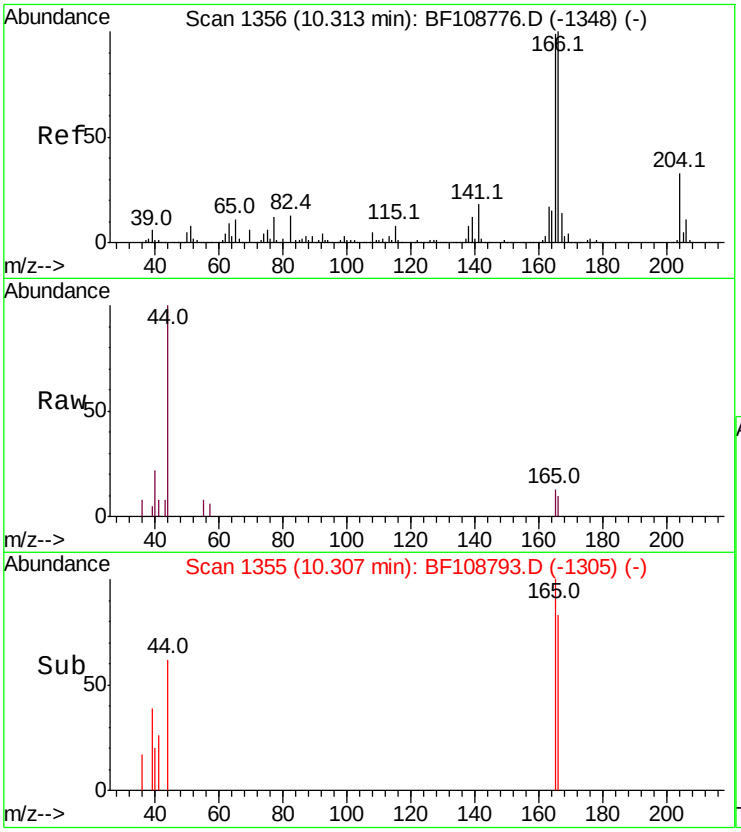


#56
2,4-Dinitrotoluene
Concen: 7.545 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:165 Resp: 50691

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



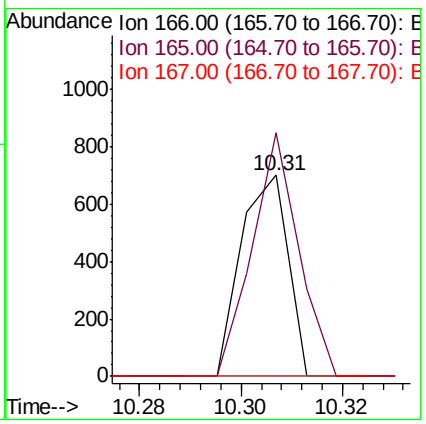


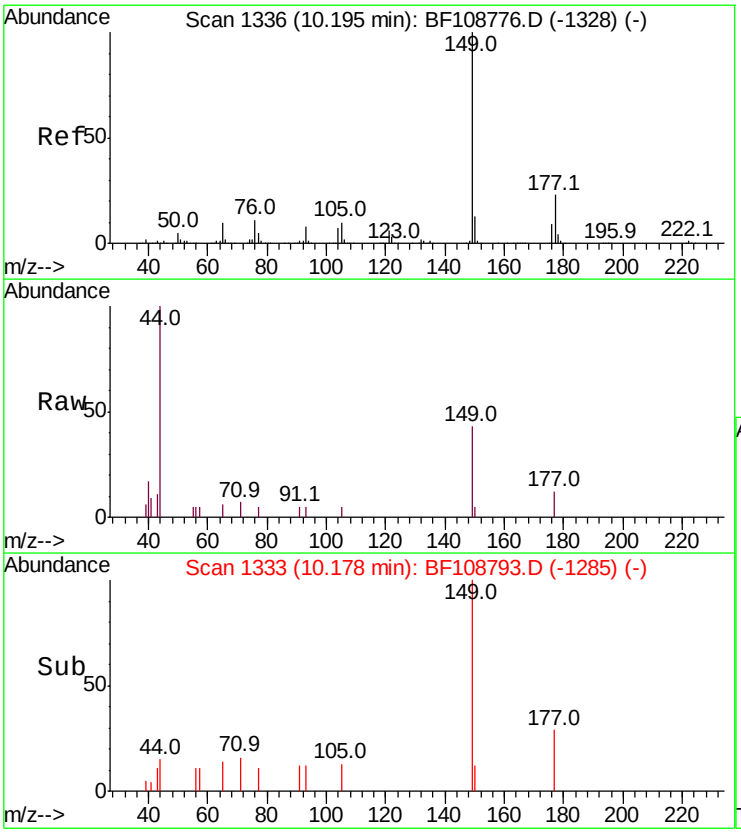
#57
Fluorene
Concen: 0.021 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 449

Ion	Ratio	Lower	Upper
166	100		
165	121.1	79.8	119.8#
167	0.0	10.6	16.0#

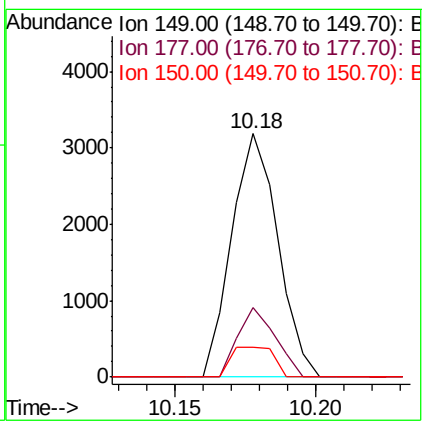


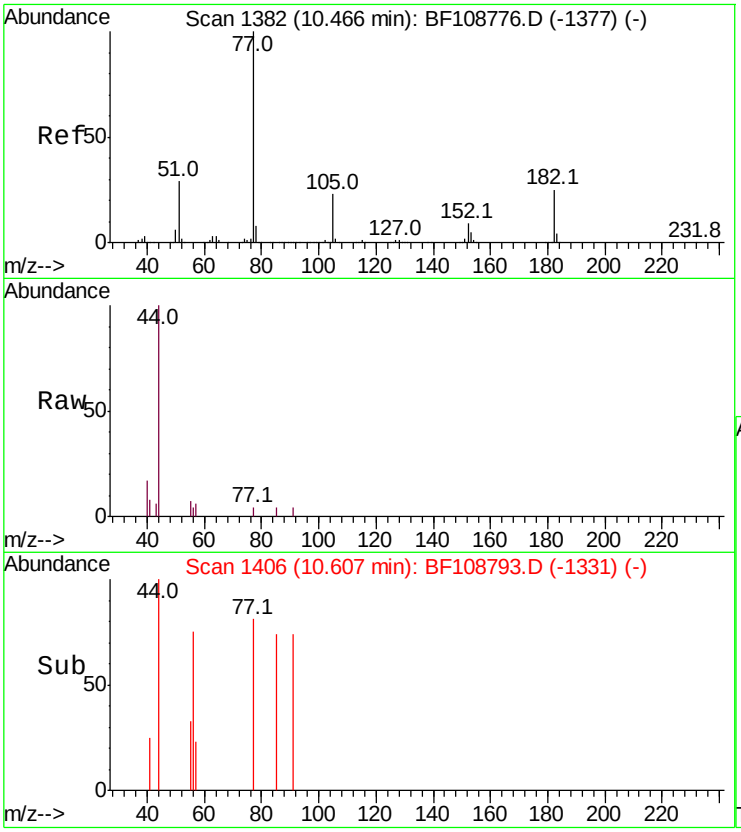


#59
Diethylphthalate
Concen: 0.127 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:149 Resp: 3621

Ion	Ratio	Lower	Upper
149	100		
177	28.8	16.1	24.1#
150	12.2	10.1	15.1



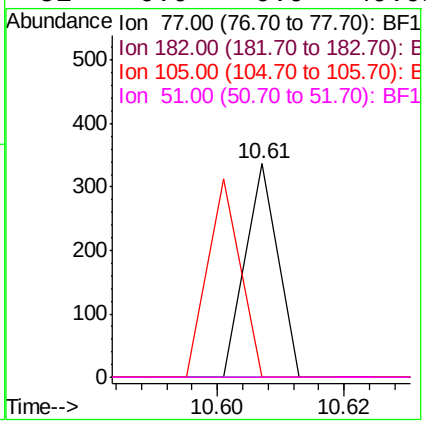


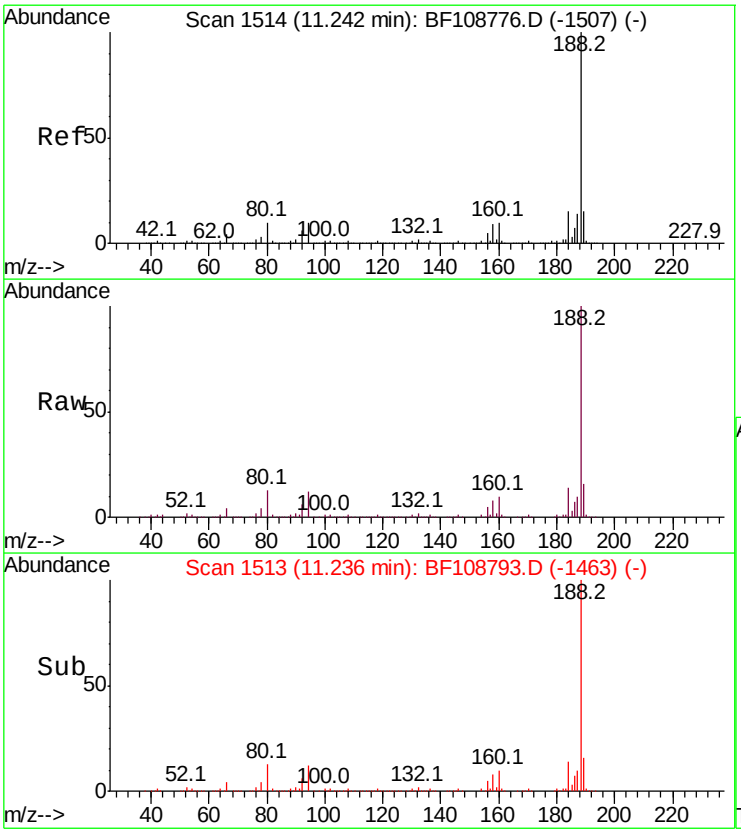
#62
Azobenzene
Concen: 0.004 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.14 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 119

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.7	41.7#
105	0.0	3.0	43.0#
51	0.0	9.9	49.9#

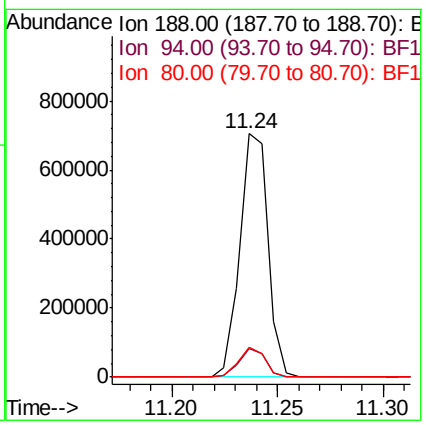


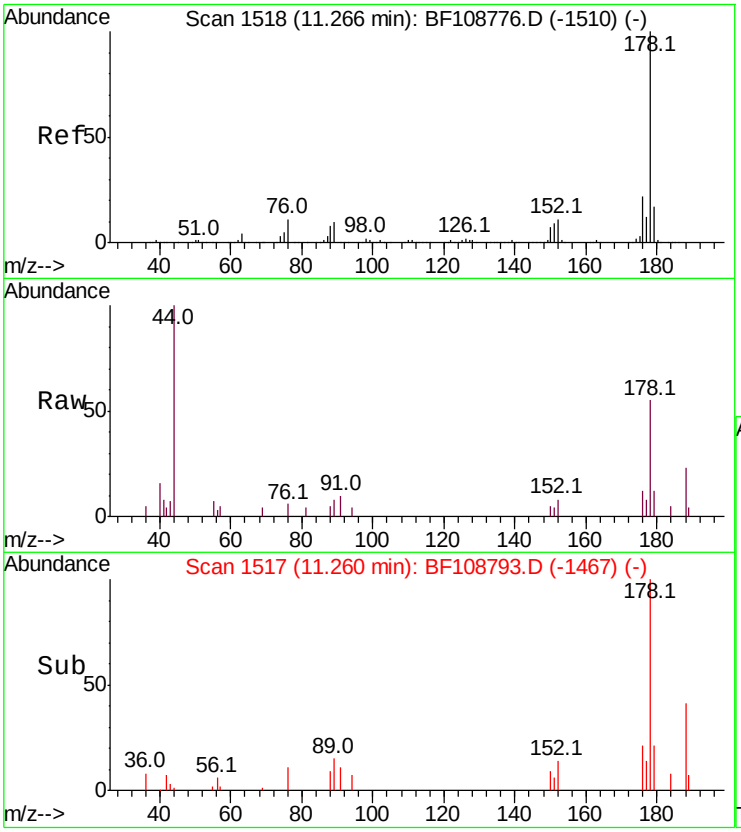


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:188 Resp: 651271

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.5	9.2	13.8



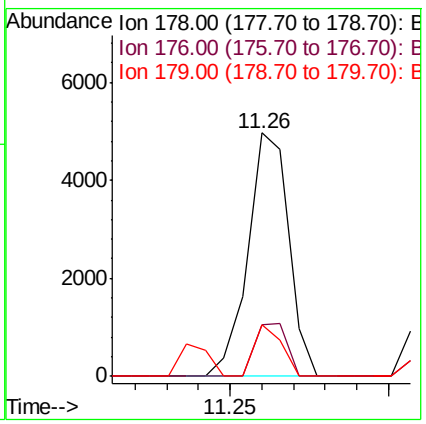


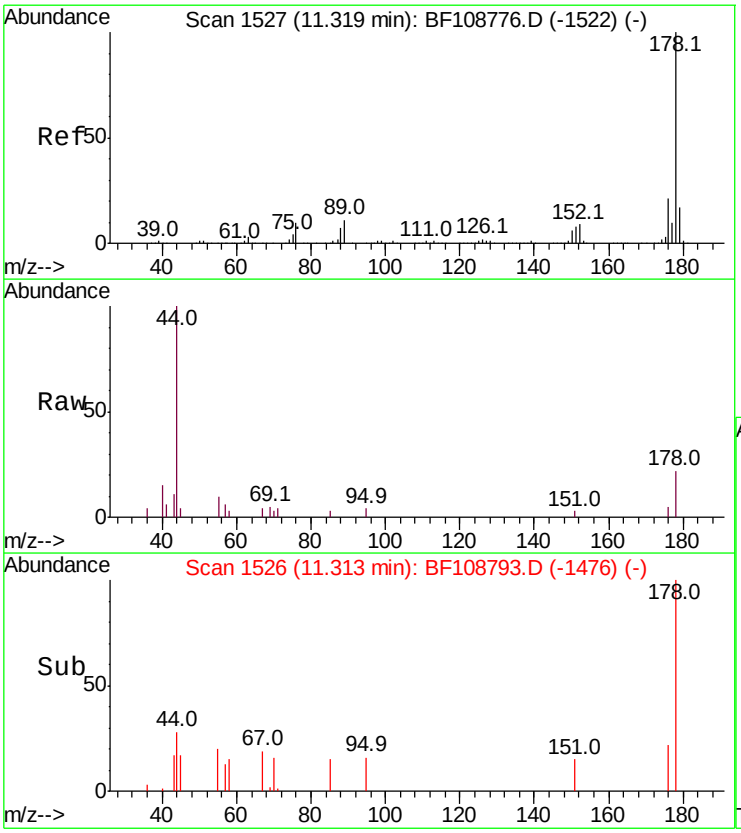
#70
Phenanthrene
Concen: 0.143 ng
RT: 11.26 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 4446

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.8	23.8
179	21.0	13.0	19.6#

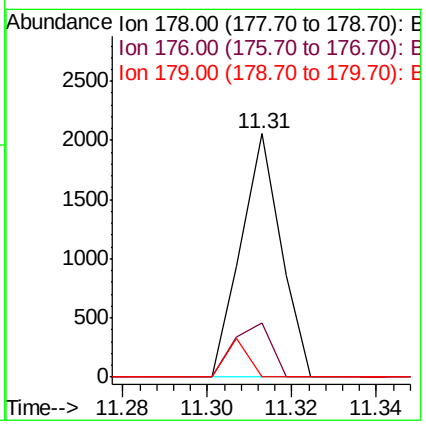


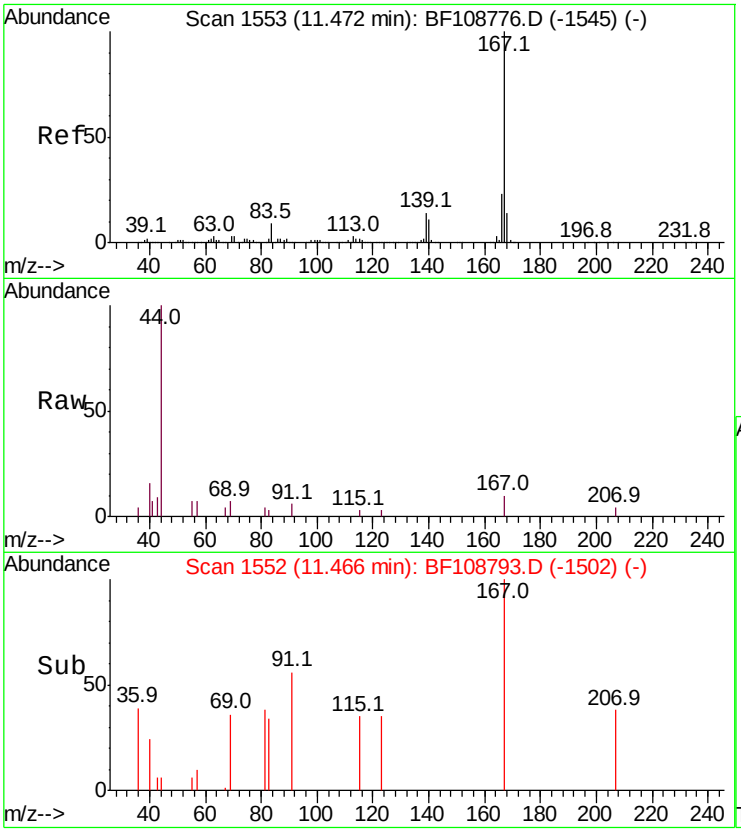


#71
Anthracene
Concen: 0.046 ng
RT: 11.31 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:178 Resp: 1360

Ion	Ratio	Lower	Upper
178	100		
176	22.3	15.4	23.2
179	0.0	12.6	19.0#



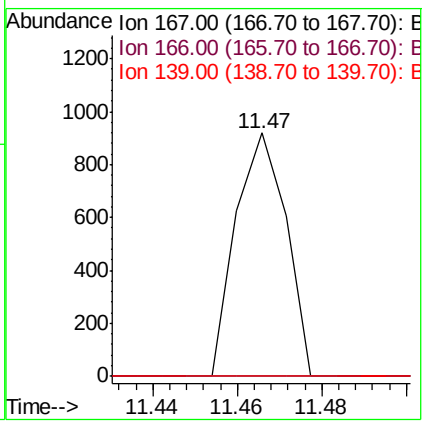


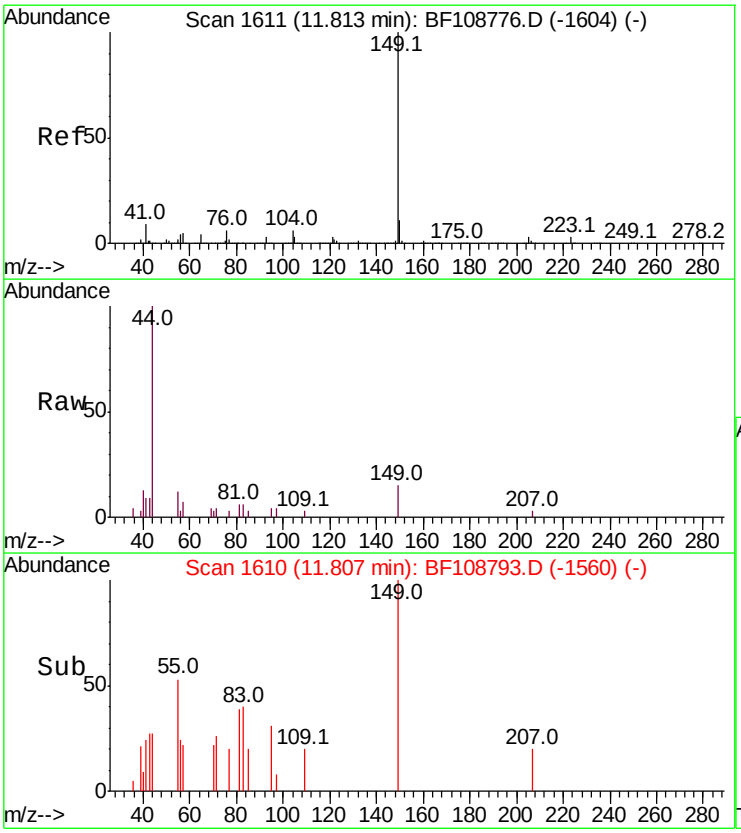
#72
Carbazole
Concen: 0.024 ng
RT: 11.47 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 759

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.6	26.4#
139	0.0	10.9	16.3#

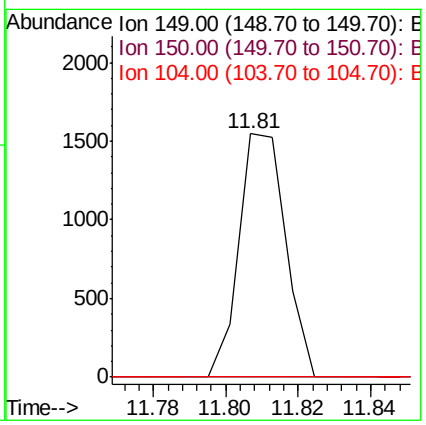


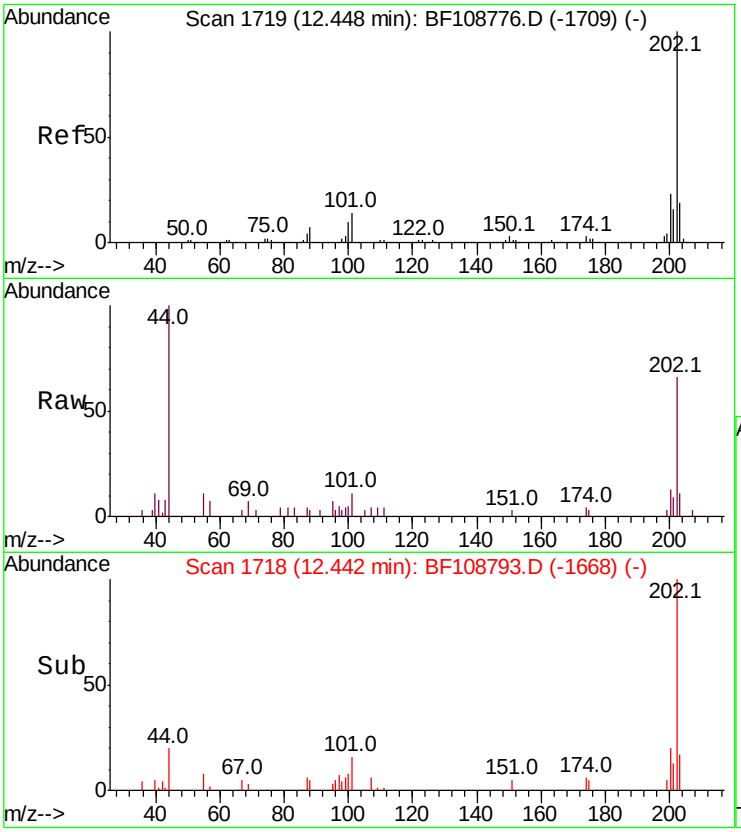


#73
Di-n-butylphthalate
Concen: 0.040 ng
RT: 11.81 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:149 Resp: 1397

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	3.8	5.8#



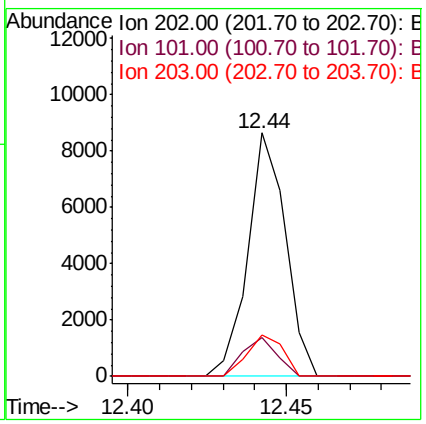


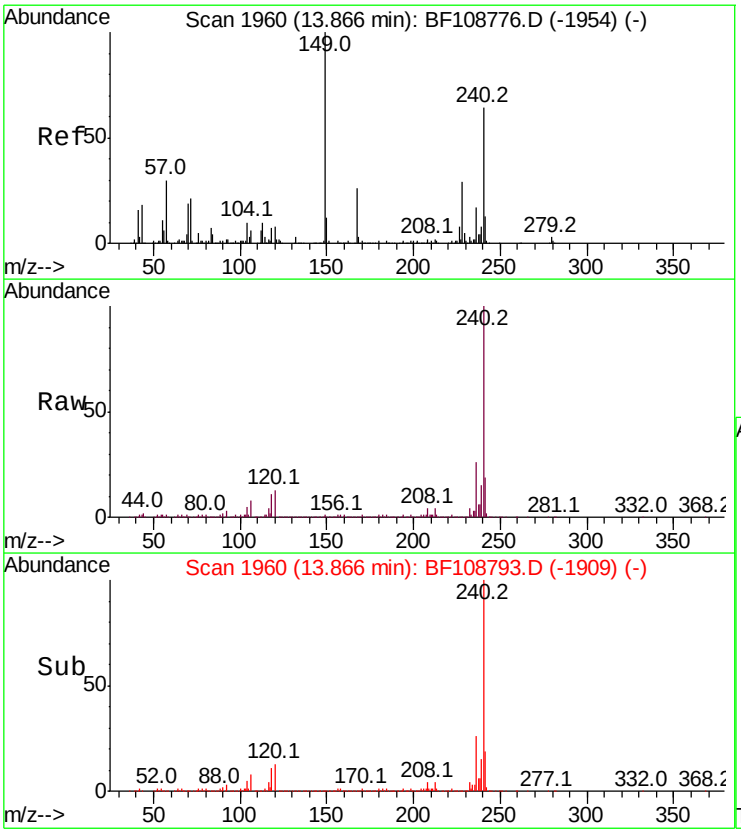
#74
Fluoranthene
Concen: 0.231 ng
RT: 12.44 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 7116

Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	34.1
203	16.9	0.0	38.1

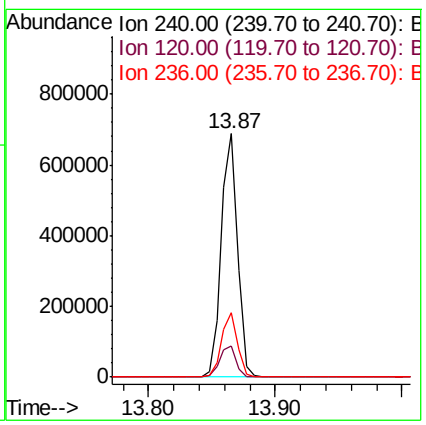


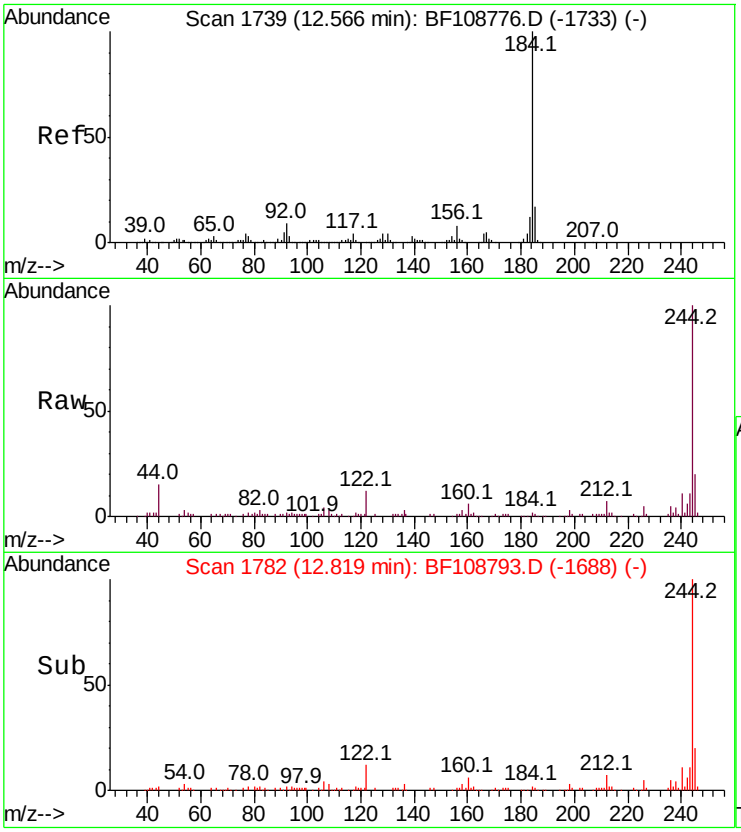


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:240 Resp: 616655

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	26.2	20.7	31.1



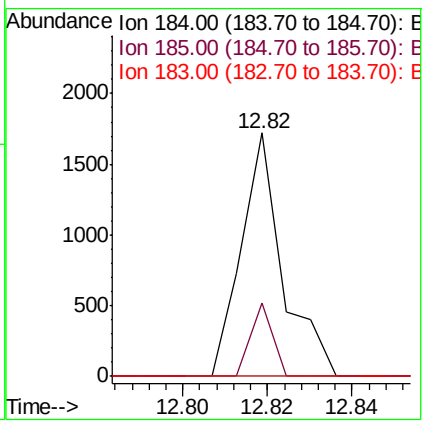


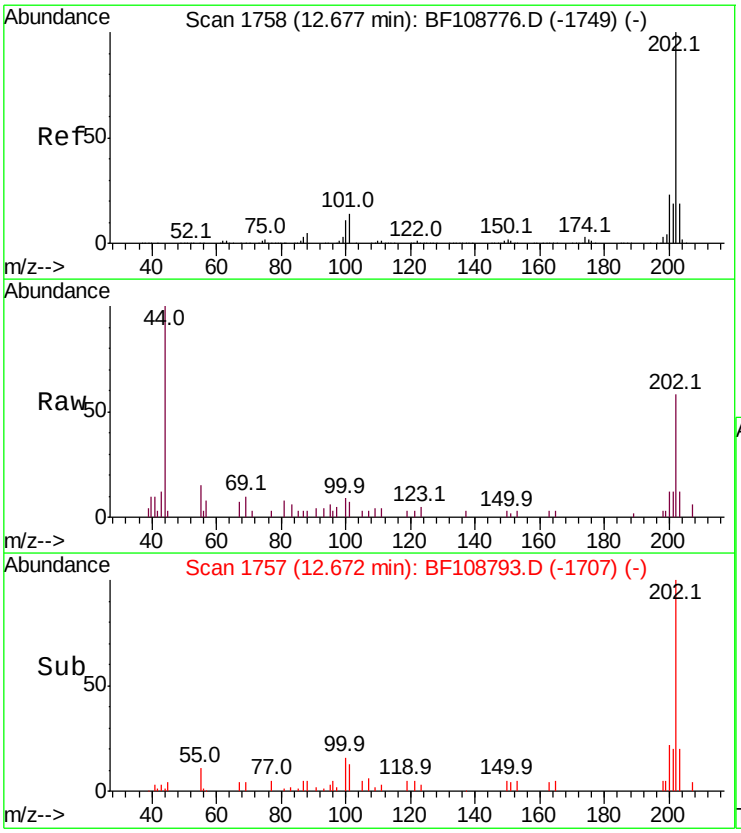
#76
Benzidine
Concen: 0.040 ng
RT: 12.82 min Scan# 1782
Delta R.T. 0.25 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 1166

Ion	Ratio	Lower	Upper
184	100		
185	30.2	12.6	18.8#
183	0.0	9.3	13.9#

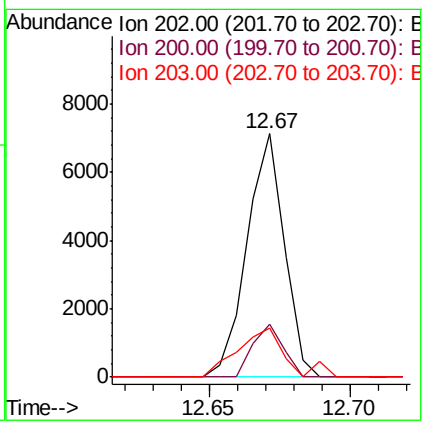


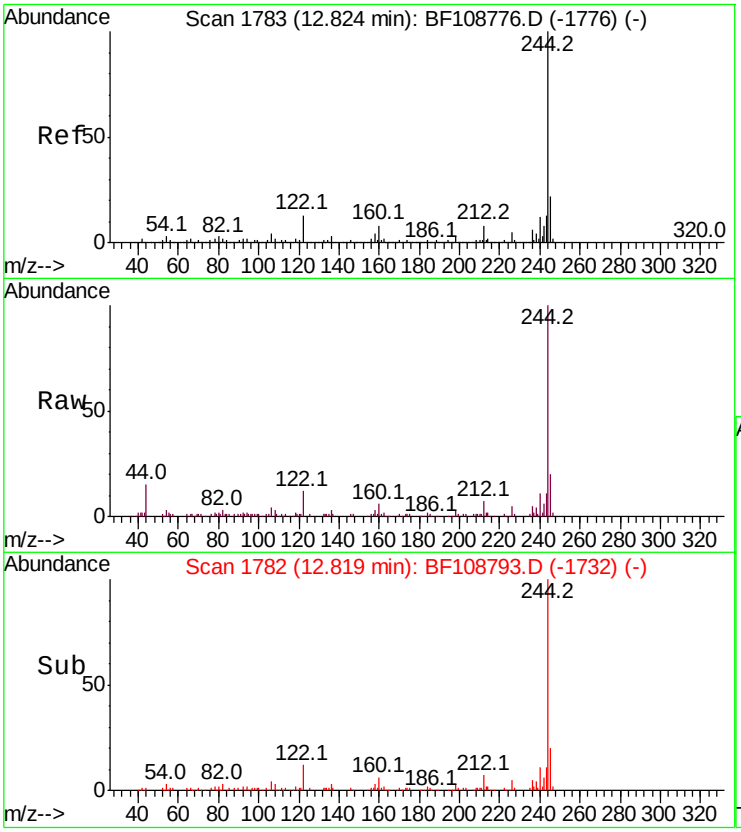


#77
Pyrene
Concen: 0.138 ng
RT: 12.67 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:202 Resp: 6536

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	20.3	14.3	21.5



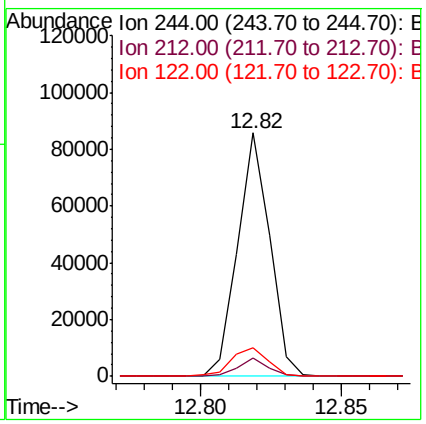


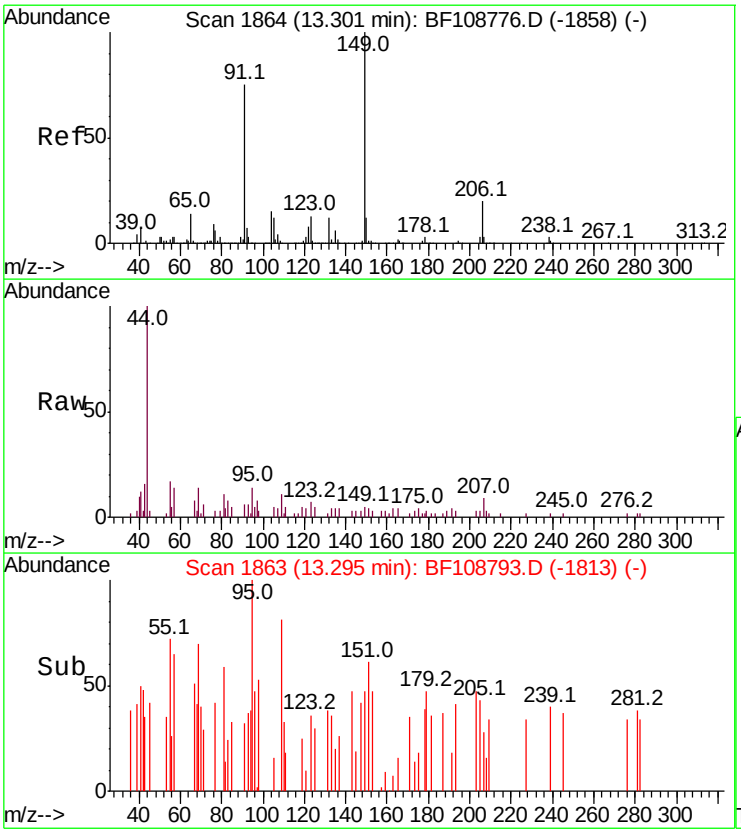
#78
Terphenyl-d14
Concen: 2.562 ng
RT: 12.82 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 67760

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.6	11.0	16.4

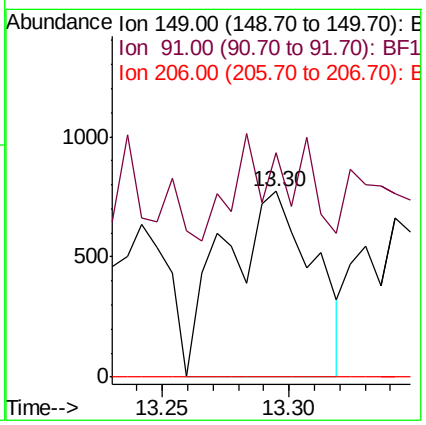


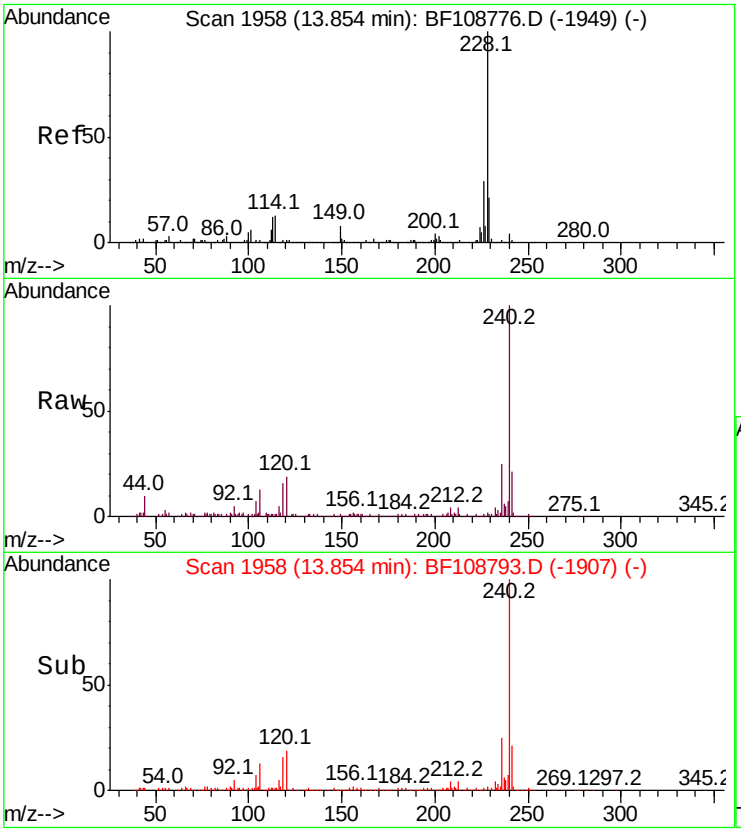


#79
Butylbenzylphthalate
Concen: 0.088 ng
RT: 13.30 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:149 Resp: 1890

Ion	Ratio	Lower	Upper
149	100		
91	120.6	56.8	85.2#
206	0.0	14.1	21.1#



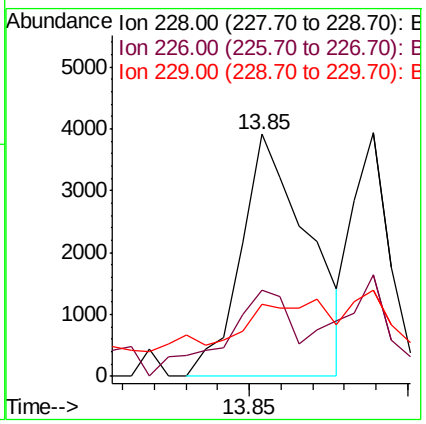


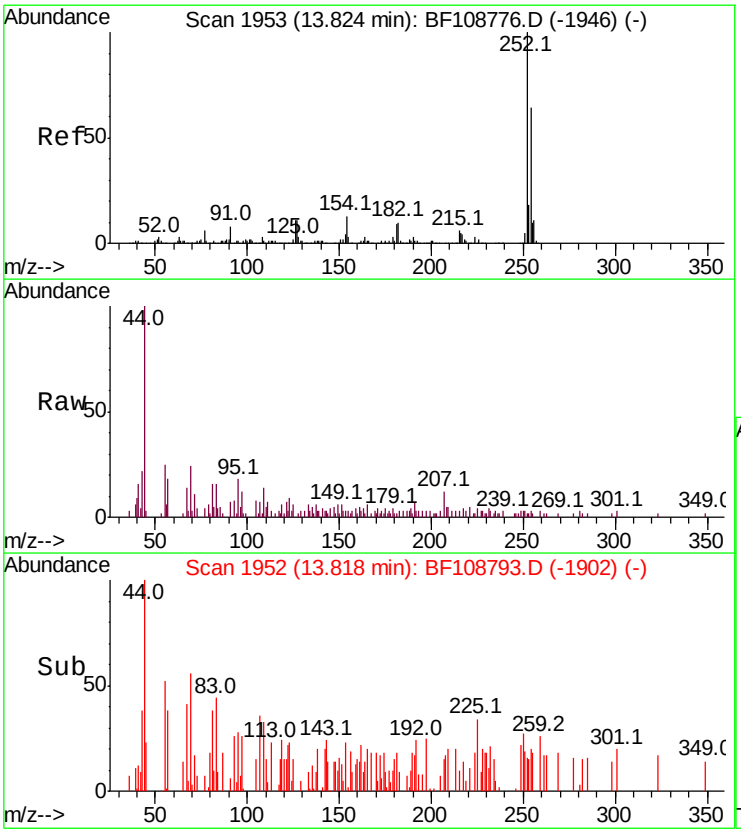
#80
Benzo(a)anthracene
Concen: 0.146 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 5786

Ion	Ratio	Lower	Upper
228	100		
226	35.8	22.6	33.8#
229	29.9	15.8	23.6#

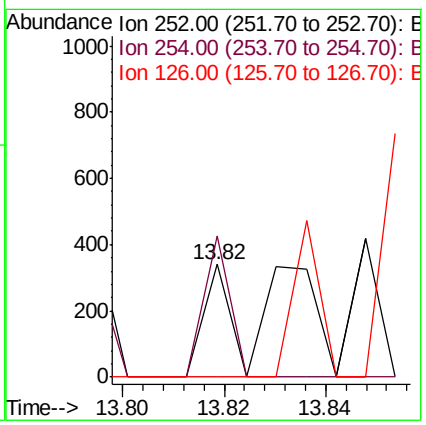


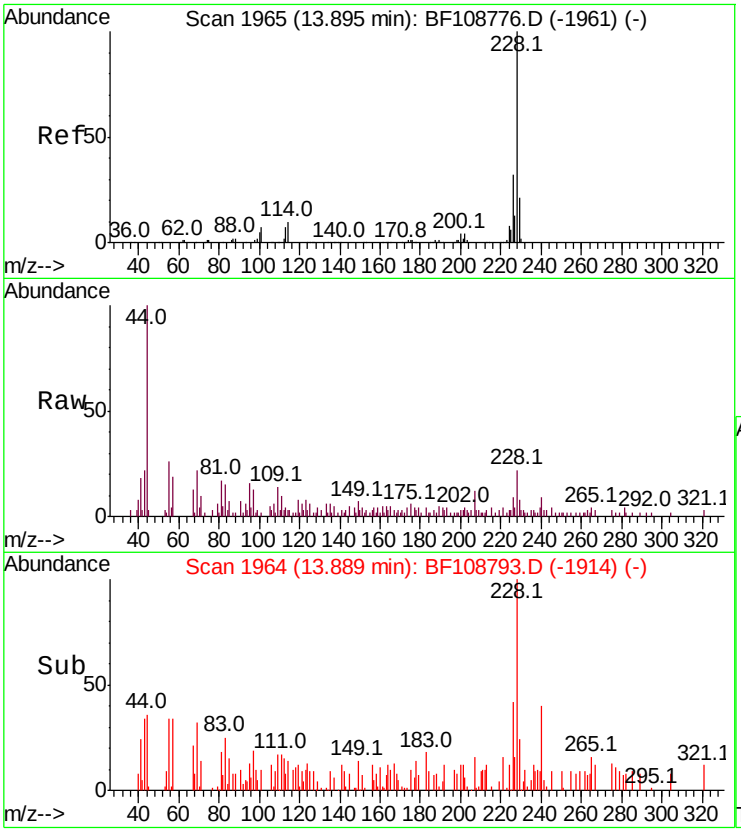


#81
3,3'-Dichlorobenzidine
Concen: 0.023 ng
RT: 13.82 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:252 Resp: 353

Ion	Ratio	Lower	Upper
252	100		
254	125.3	50.4	75.6#
126	0.0	11.3	16.9#



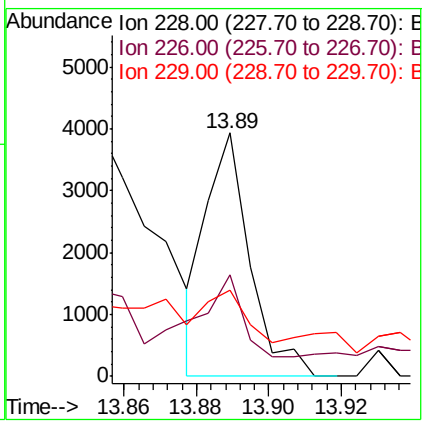


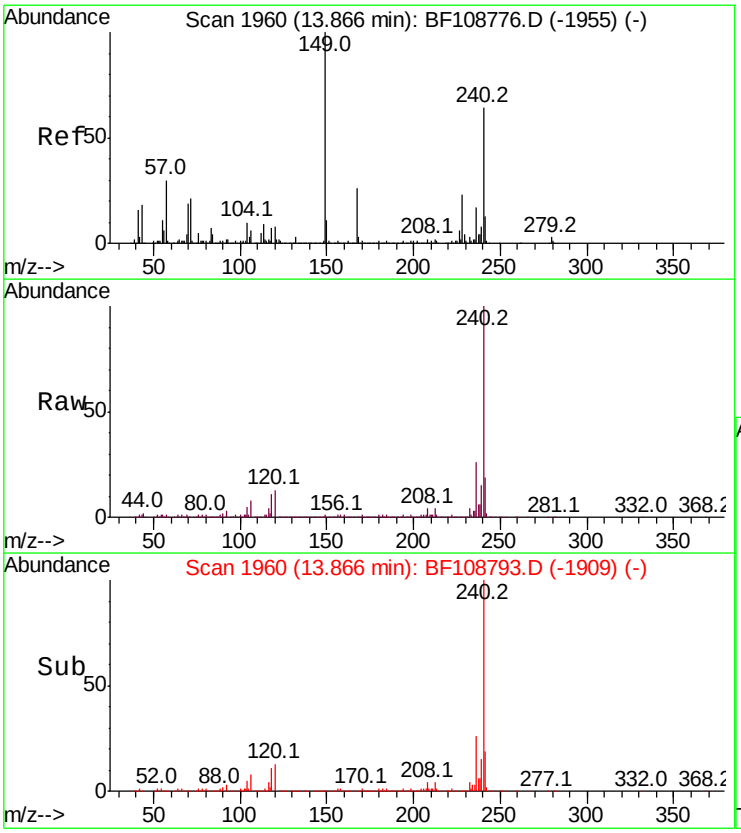
#82
Chrysene
Concen: 0.086 ng
RT: 13.89 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 3302

Ion	Ratio	Lower	Upper
228	100		
226	41.7	25.0	37.6#
229	35.6	16.2	24.4#

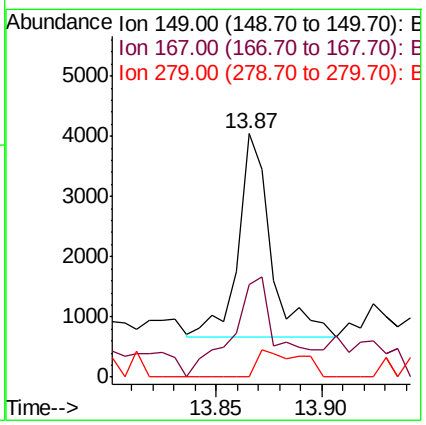


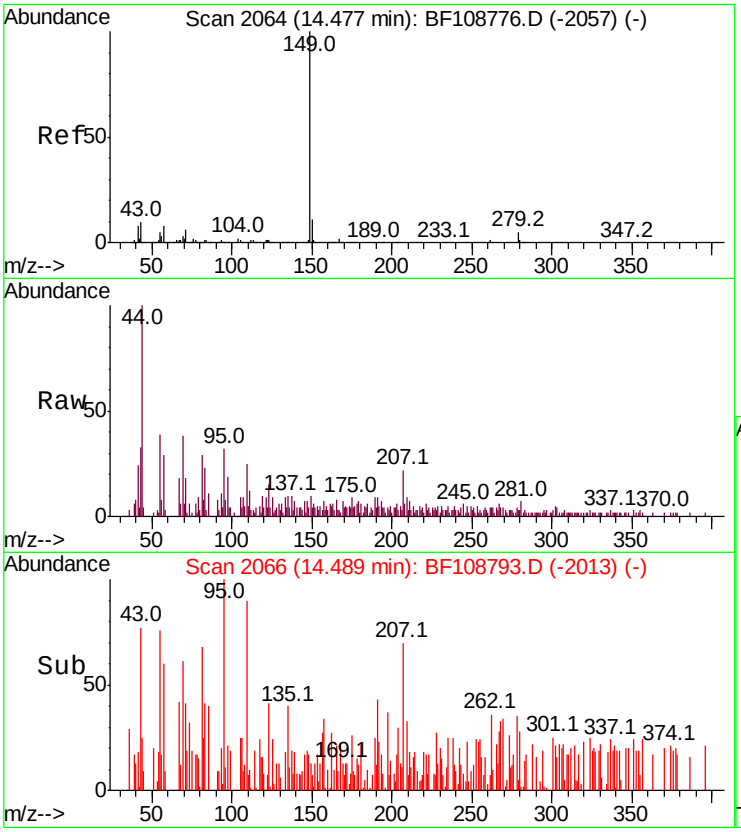


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.135 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:149 Resp: 3636

Ion	Ratio	Lower	Upper
149	100		
167	37.9	21.3	31.9#
279	0.0	3.0	4.4#



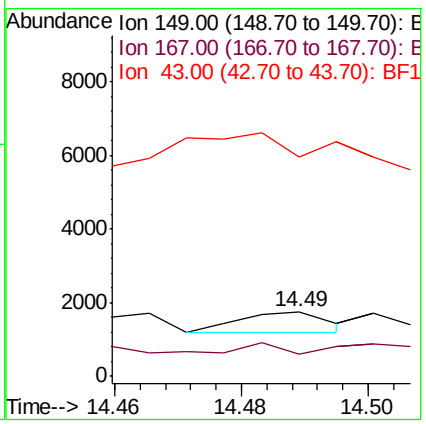


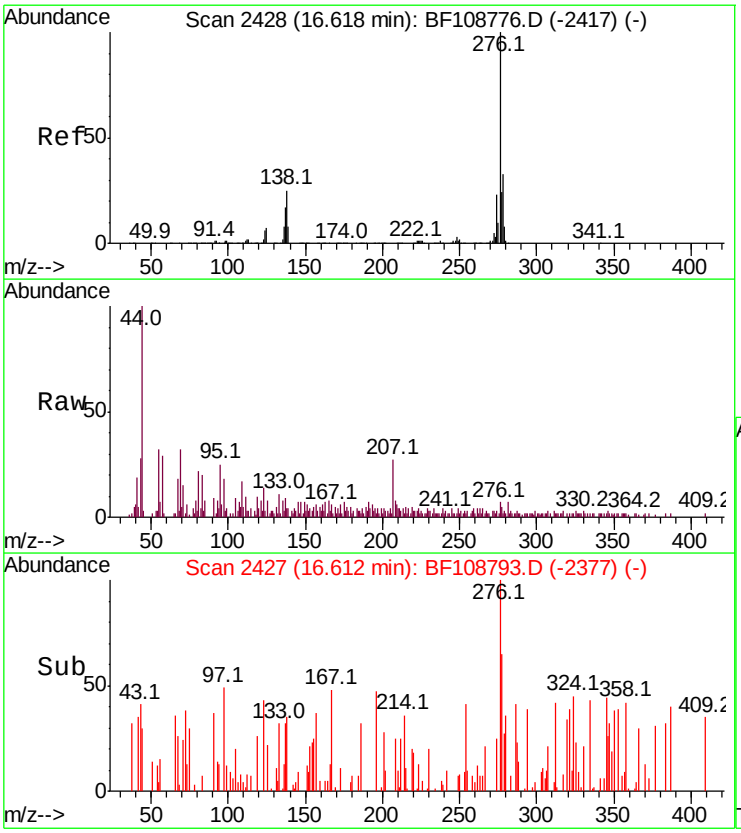
#84
Di-n-octyl phthalate
Concen: 0.012 ng
RT: 14.49 min Scan# 2066
Delta R.T. 0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 529

Ion	Ratio	Lower	Upper
149	100		
167	19.8	1.2	1.8#
43	449.5	8.4	12.6#

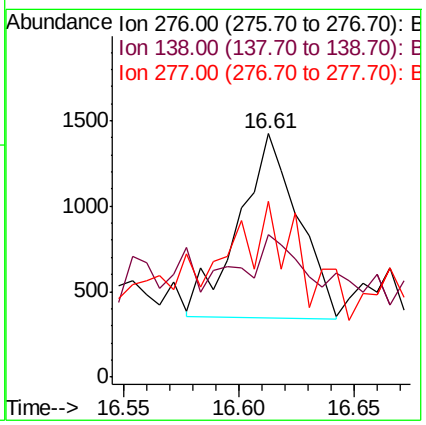


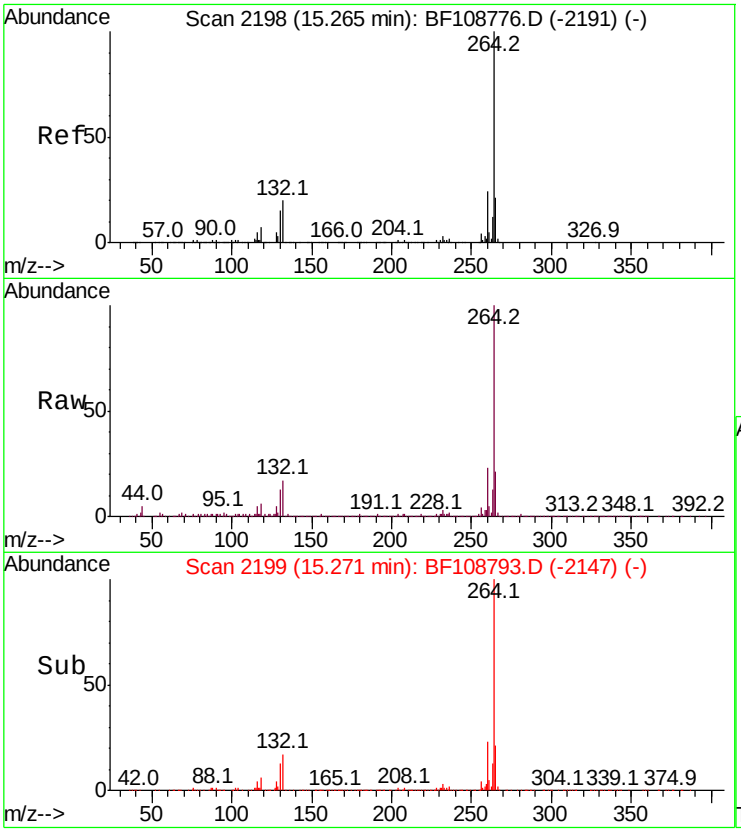


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.057 ng
RT: 16.61 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:276 Resp: 1927

Ion	Ratio	Lower	Upper
276	100		
138	20.6	25.0	37.6#
277	15.1	20.1	30.1#



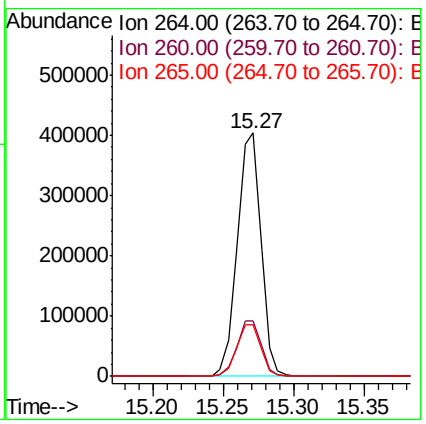


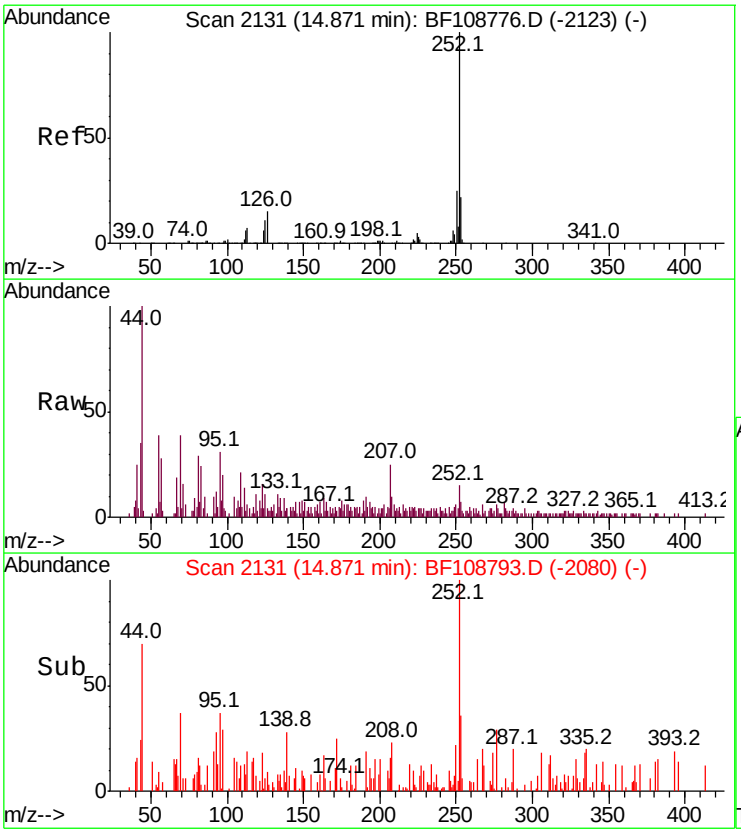
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 471813

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.1	17.5	26.3

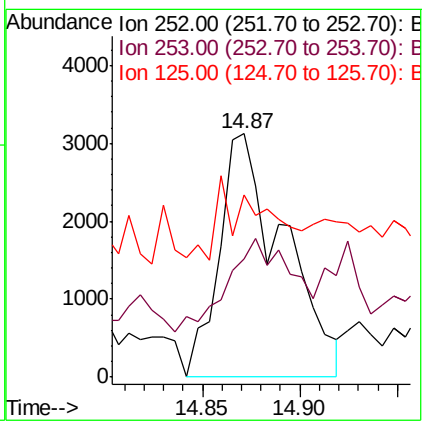


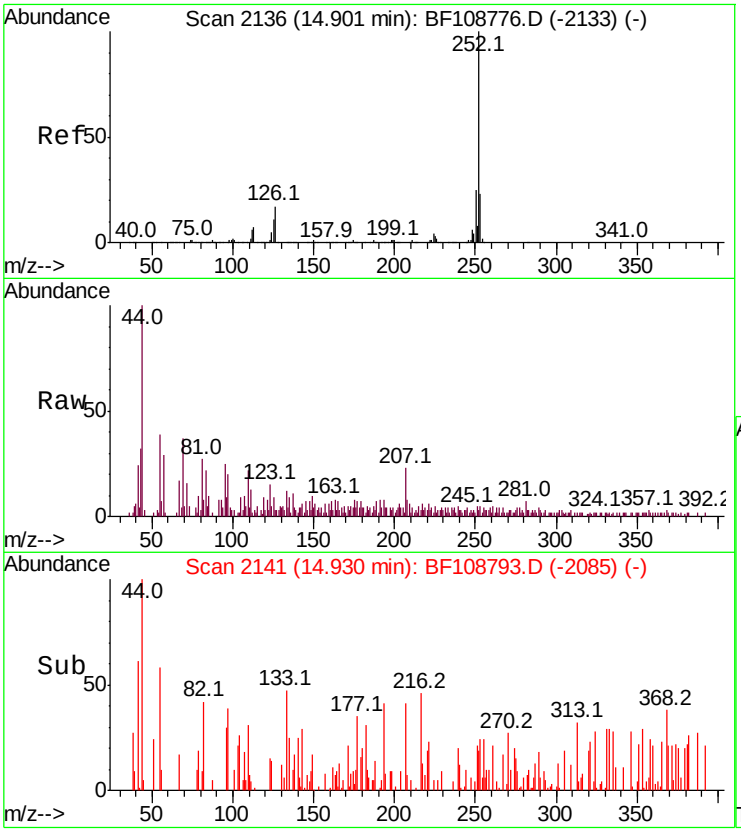


#87
Benzo(b)fluoranthene
Concen: 0.279 ng
RT: 14.87 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:252 Resp: 7158

Ion	Ratio	Lower	Upper
252	100		
253	48.4	17.0	25.6#
125	74.7	9.0	13.6#



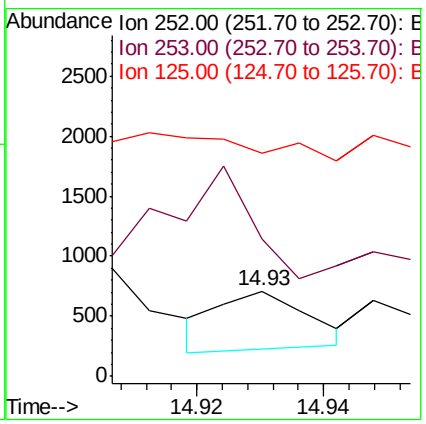


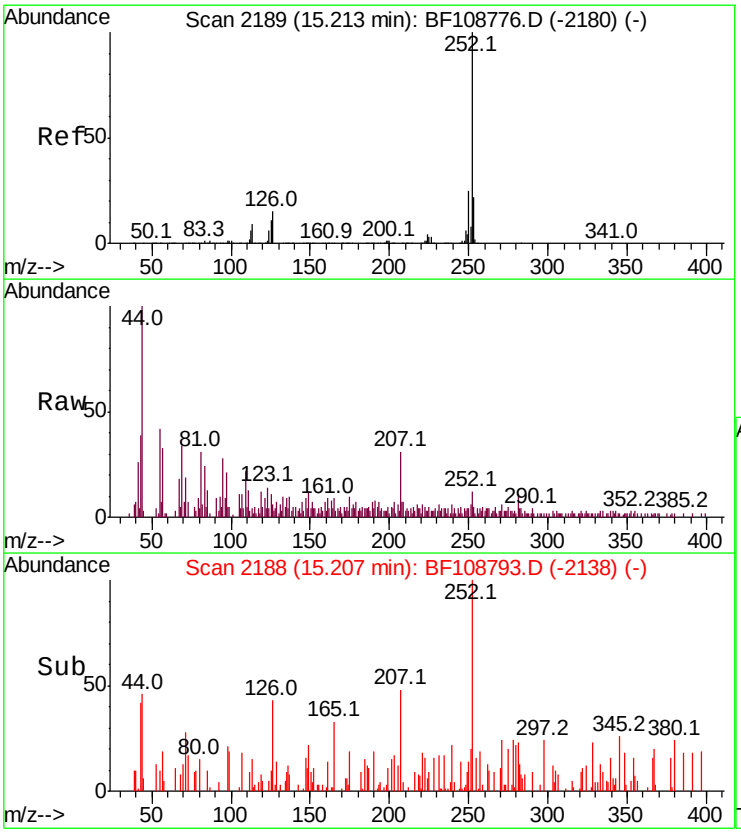
#88
Benzo(k)fluoranthene
Concen: 0.020 ng
RT: 14.93 min Scan# 2141
Delta R.T. 0.03 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 472

Ion	Ratio	Lower	Upper
252	100		
253	162.0	17.9	26.9#
125	262.7	10.2	15.2#

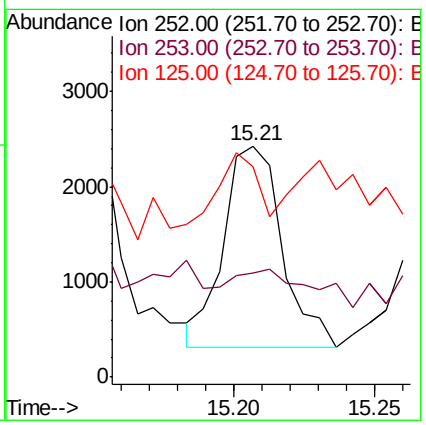


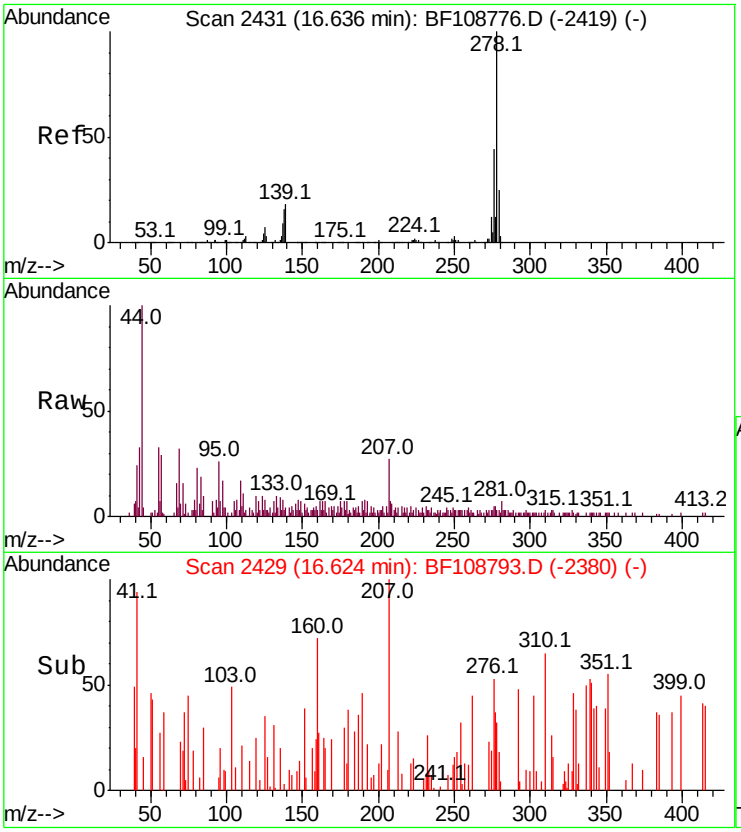


#89
Benzo(a)pyrene
Concen: 0.131 ng
RT: 15.21 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:252 Resp: 3027

Ion	Ratio	Lower	Upper
252	100		
253	45.1	17.1	25.7#
125	90.9	9.8	14.6#



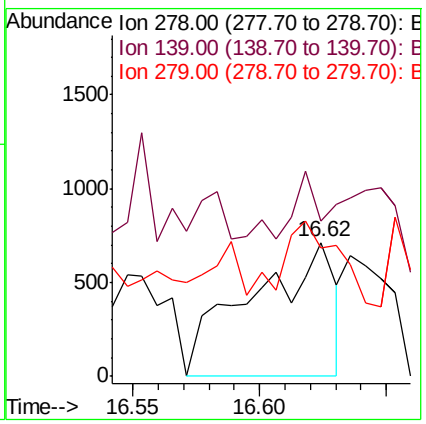


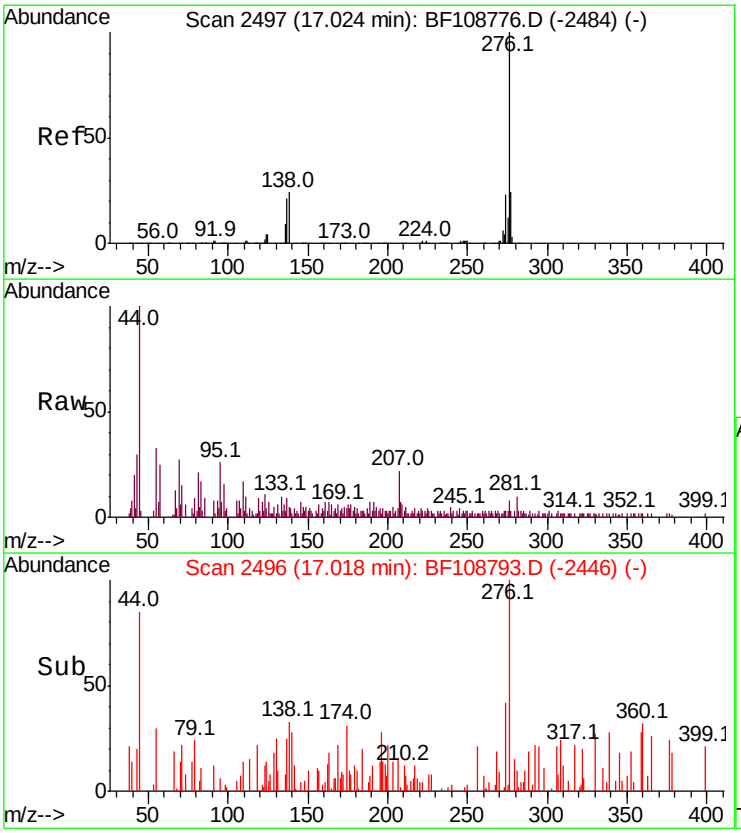
#90
Dibenzo(a,h)anthracene
Concen: 0.080 ng
RT: 16.62 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 1625

Ion	Ratio	Lower	Upper
278	100		
139	116.2	15.9	23.9#
279	96.1	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 0.138 ng
RT: 17.02 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:276 Resp: 2825

Ion	Ratio	Lower	Upper
276	100		
277	37.8	17.9	26.9#
138	59.6	21.8	32.8#