Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101342.D
Acq On : 12 Dec 2017 20:53
Operator : SJ/JU
Sample : I6822-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 13 00:40:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	41625	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	154093	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	60296	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	104299	20.00	ng		0.00
75) Chrysene-d12	14.01	240	99869	20.00	ng		0.00
86) Perylene-d12	15.49	264	80768	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	134329	53.33	ng		0.00
7) Phenol-d6	6.46	99	159185	52.05	ng		0.00
23) Nitrobenzene-d5	7.39	82	93292	36.12	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	29391	40.58	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	193739	43.96	ng		-0.01
78) Terphenyl-d14	12.94	244	164801	36.09	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.52	93	8981	2.258	ng	#	53
10) Phenol	6.47	94	8375	2.463	ng		83
11) bis(2-Chloroethyl)ether	6.52	93	8981	3.521	ng	#	21
19) n-Nitroso-di-n-propylamine	7.39	70	12133	5.891	ng	#	85
25) Isophorone	7.39	82	93291	21.143	ng	#	64
31) Naphthalene	8.13	128	18699	2.462	ng		97
49) Dimethylphthalate	9.57	163	24327	5.003	ng	#	98
50) 2,6-Dinitrotoluene	9.86	165	7936	7.748	ng	#	24
51) Acenaphthene	9.89	154	9811	2.541	ng		97
55) 4-Nitrophenol	10.07	139	3826	4.926	ng	#	9
56) 2,4-Dinitrotoluene	9.86	165	7936	5.782	ng	#	21
57) Fluorene	10.41	166	10746	2.376	ng		99
70) Phenanthrene	11.38	178	166455	28.980	ng		97
71) Anthracene	11.43	178	49586	8.530	ng		99
72) Carbazole	11.59	167	16587	3.123	ng		99
74) Fluoranthene	12.57	202	314394	49.380	ng		94
77) Pyrene	12.80	202	297212	43.129	ng		98
80) Benzo(a)anthracene	14.00	228	187235	29.694	ng		100
82) Chrysene	14.03	228	153515	26.215	ng		96
83) Bis(2-ethylhexyl)phthalate	13.96	149	14135	3.263	ng		97
85) Indeno(1,2,3-cd)pyrene	16.97	276	73035	14.028	ng	#	87
87) Benzo(b)fluoranthene	15.06	252	243667	50.367	ng		95
88) Benzo(k)fluoranthene	15.06	252	243667	51.123	ng		96
89) Benzo(a)pyrene	15.43	252	126615	28.788	ng		96
90) Dibenzo(a,h)anthracene	16.97	278	19464	5.020	ng		97
91) Benzo(g,h,i)perylene	17.43	276	72190	19.756	ng		93

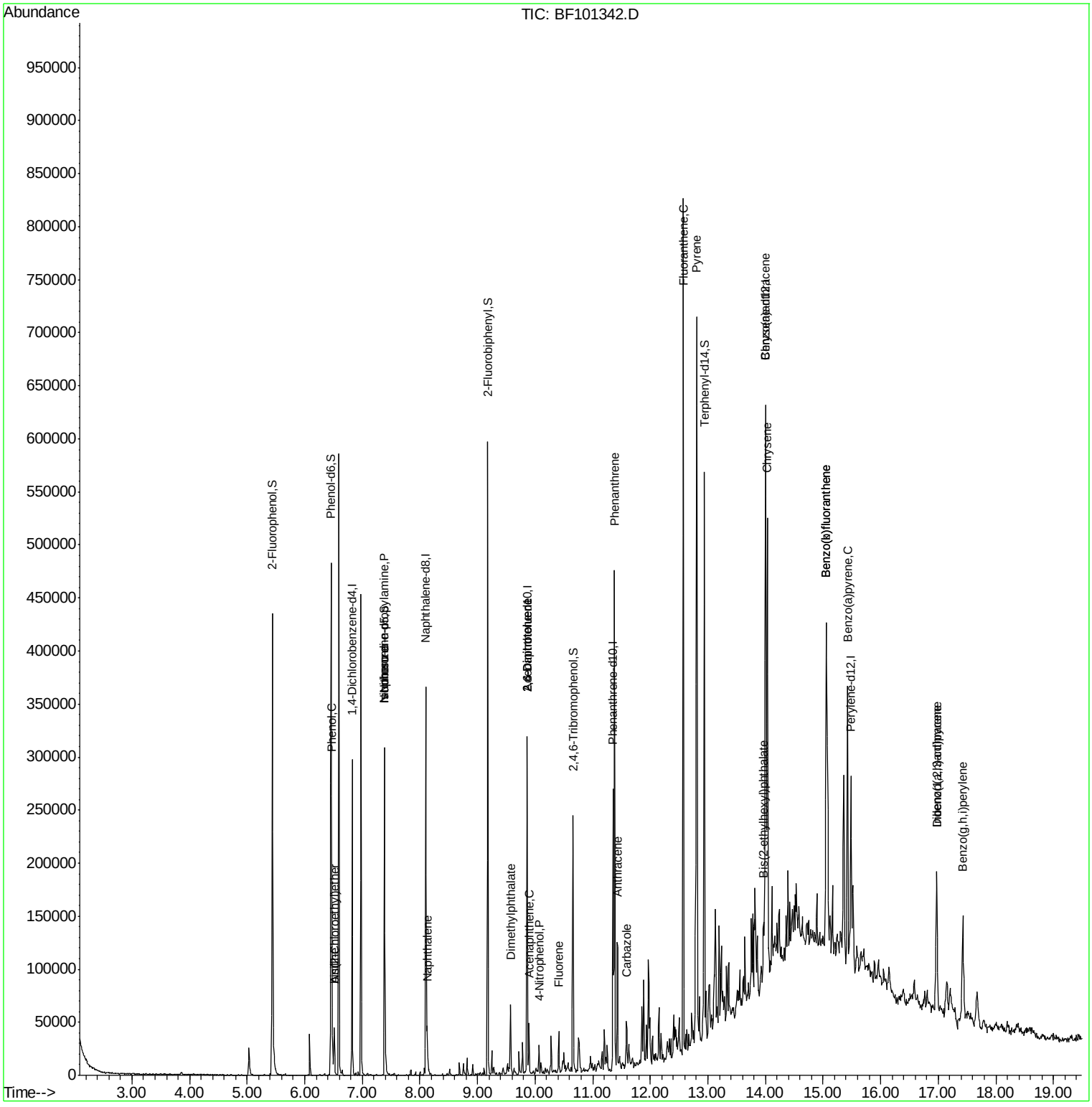
(#) = qualifier out of range (m) = manual integration (+) = signals summed

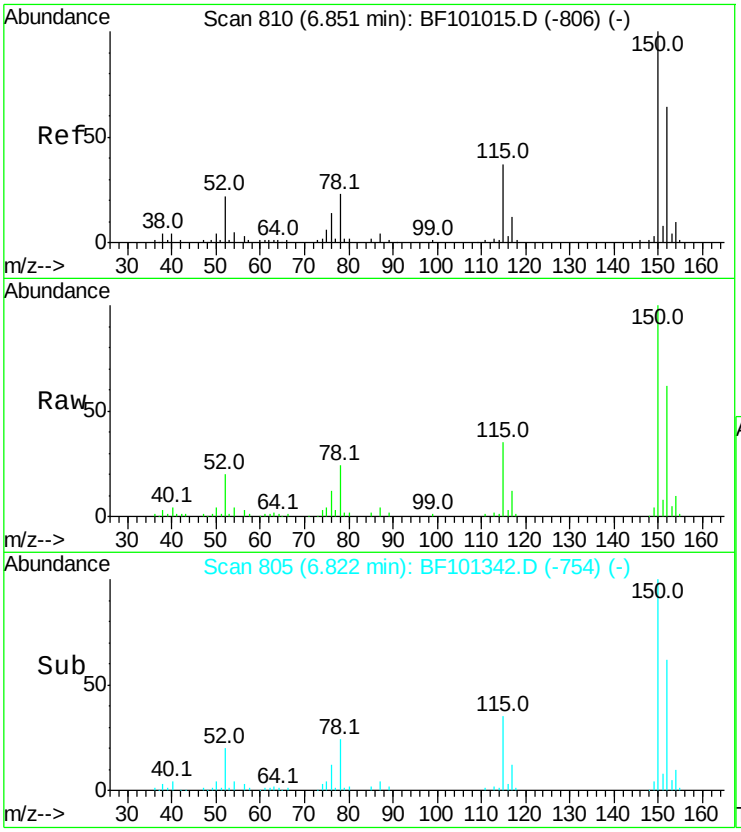
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101342.D
Acq On : 12 Dec 2017 20:53
Operator : SJ/JU
Sample : I6822-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 13 00:40:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration



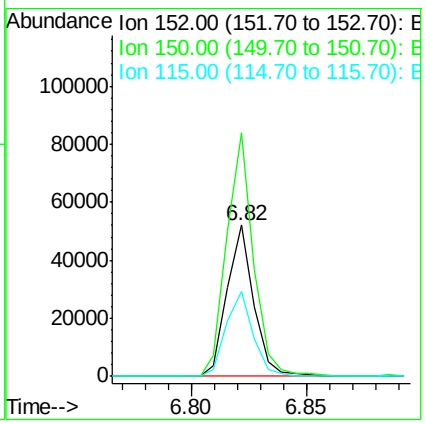


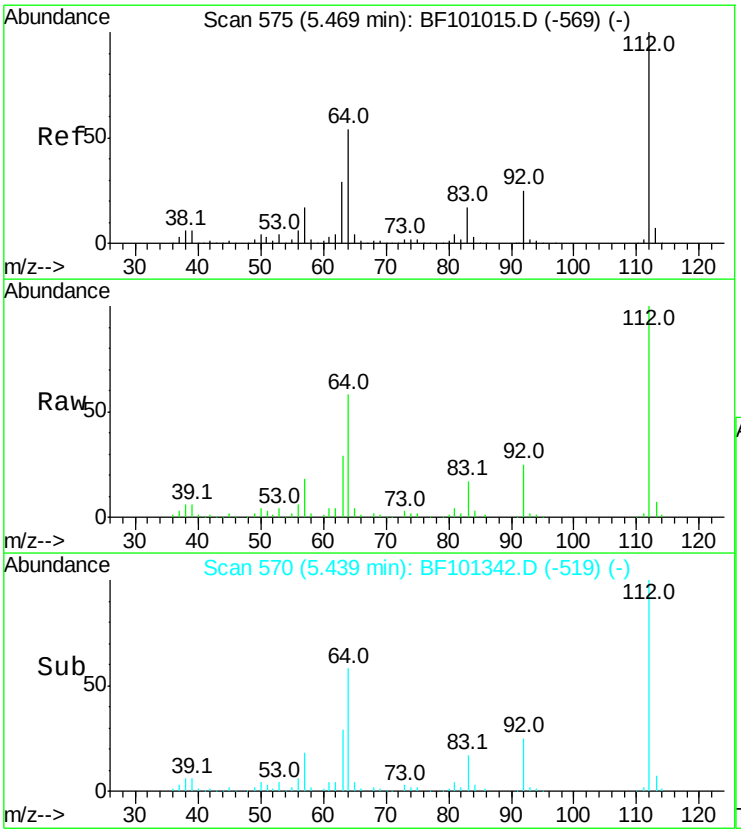
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 41625

Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.6	186.8
115	56.6	50.1	75.1

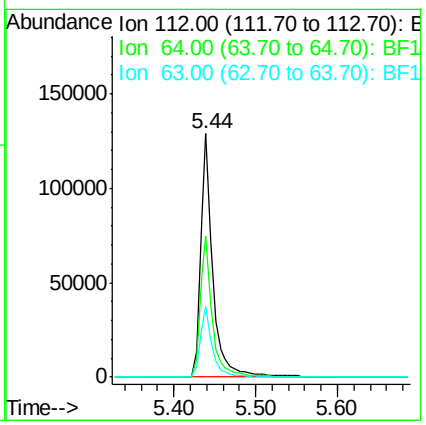


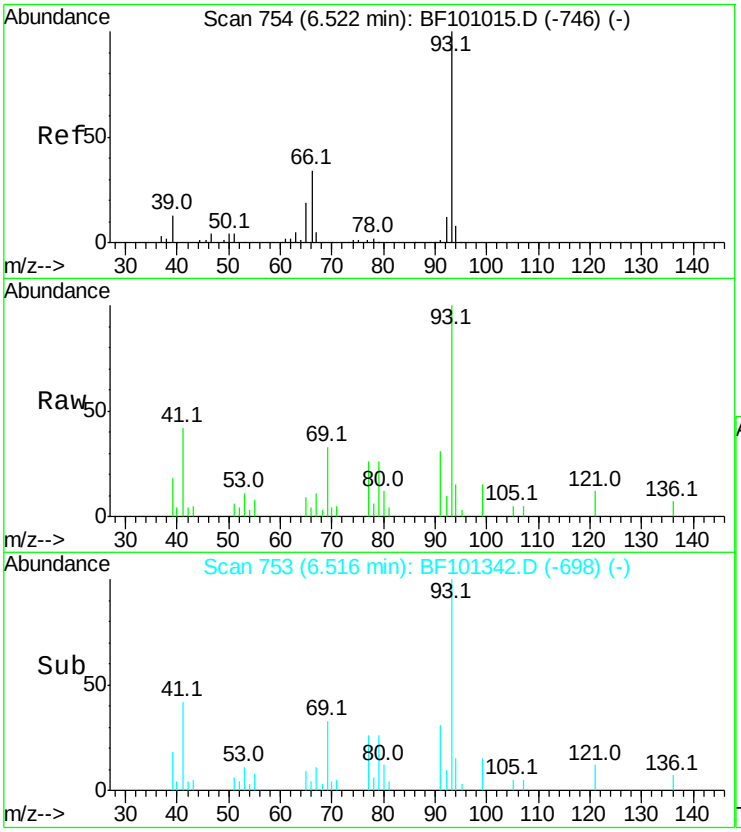


#5
2-Fluorophenol
Concen: 53.326 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:112 Resp: 134329

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	28.9	23.7	35.5



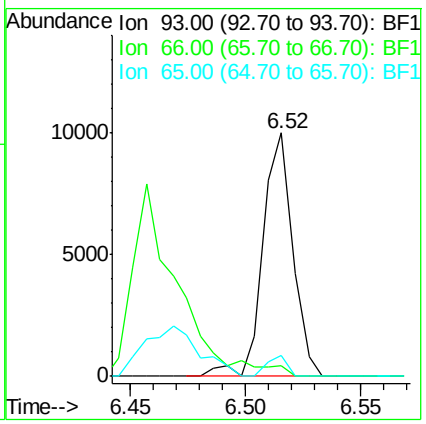


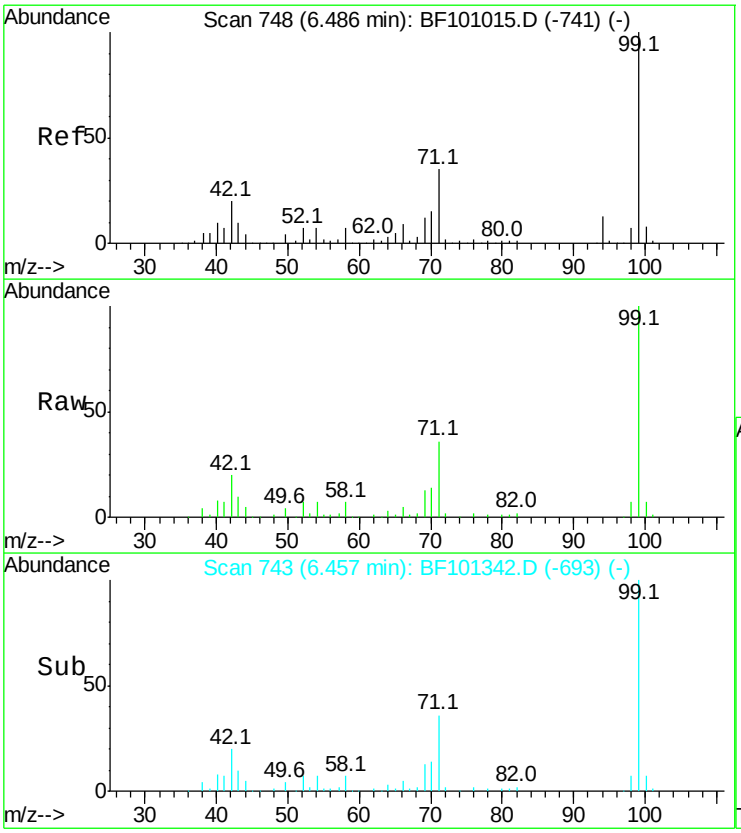
#6
Aniline
Concen: 2.258 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.02 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 8981

Ion	Ratio	Lower	Upper
93	100		
66	4.2	32.2	48.2#
65	8.8	16.4	24.6#

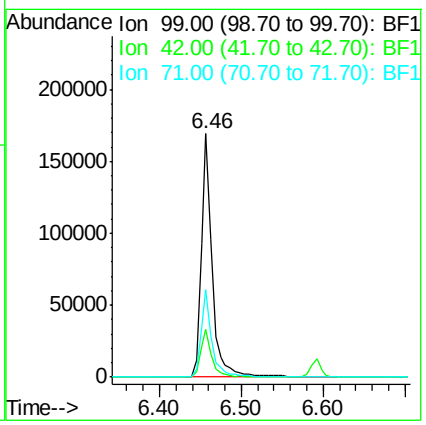


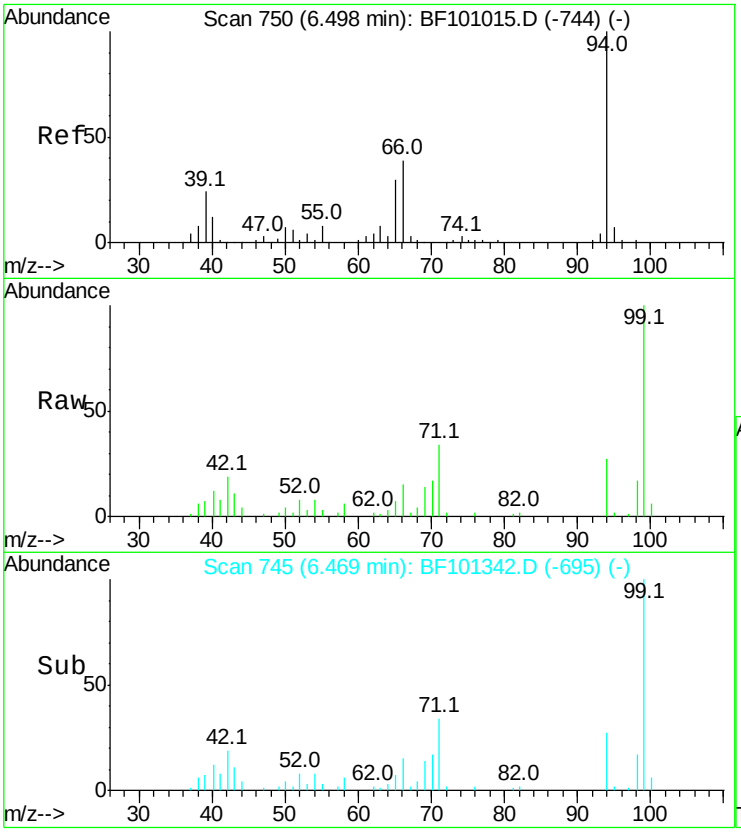


#7
Phenol-d6
Concen: 52.050 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion: 99 Resp: 159185

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	36.2	25.4	38.0



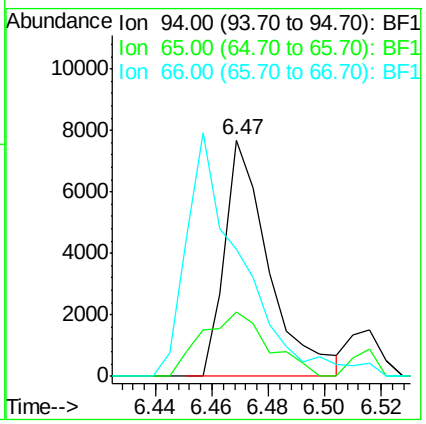


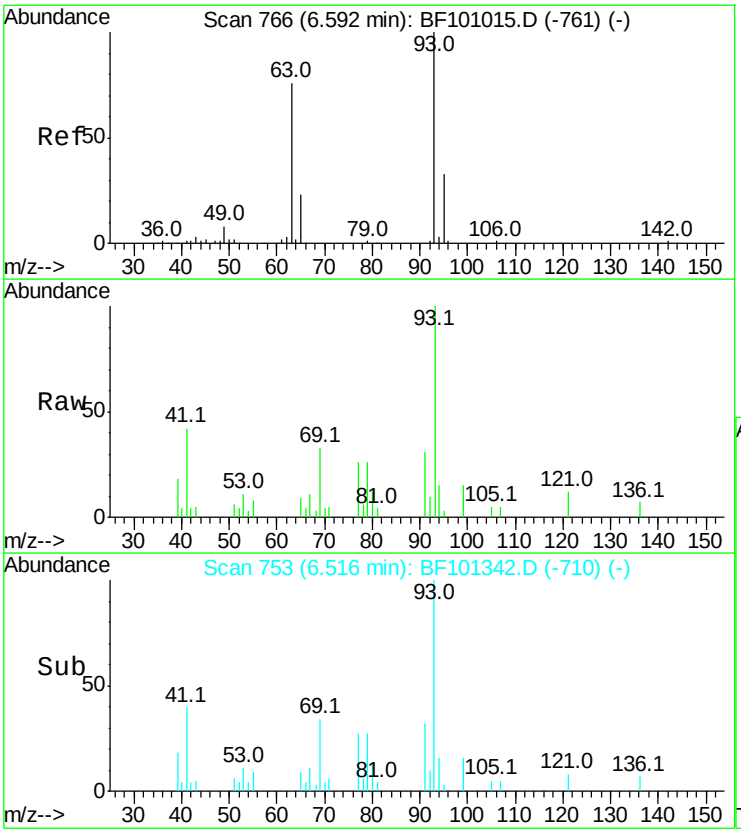
#10
Phenol
Concen: 2.463 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 8375

Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.9	47.9
66	53.8	16.2	56.2

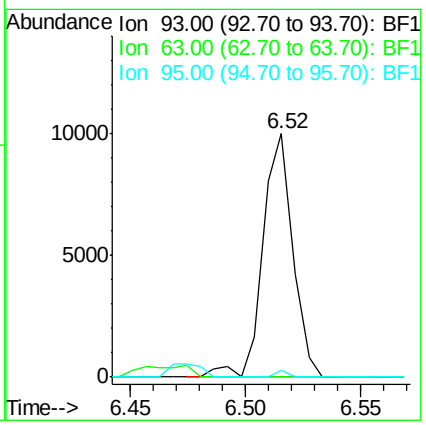


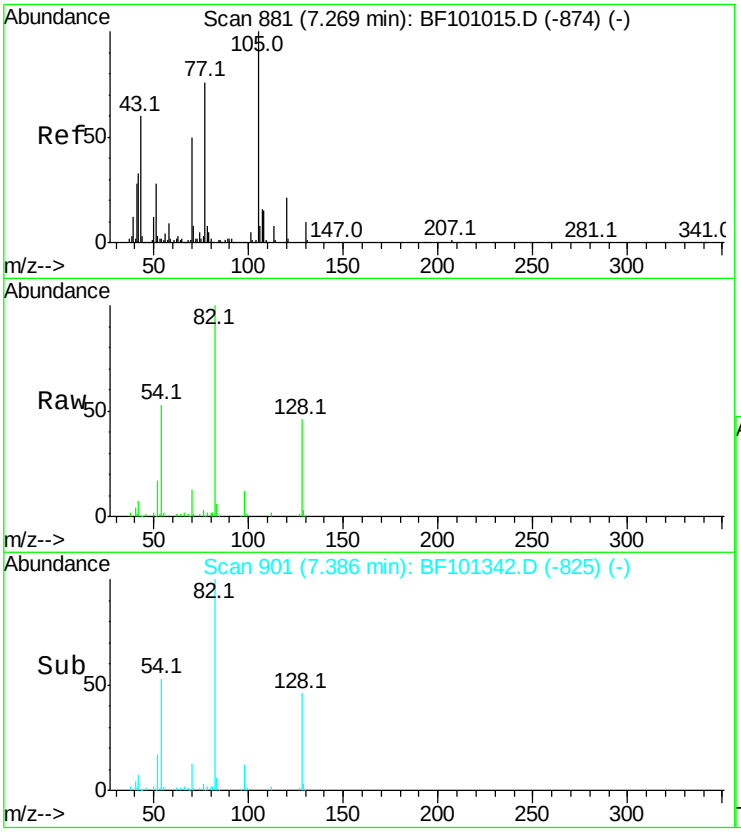


#11
bis(2-Chloroethyl)ether
Concen: 3.521 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.05 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion: 93 Resp: 8981

Ion	Ratio	Lower	Upper
93	100		
63	0.0	58.6	98.6#
95	3.0	11.8	51.8#



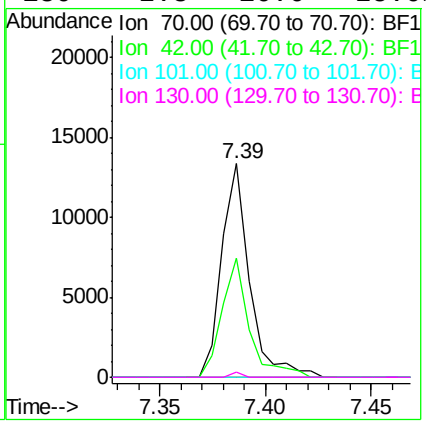


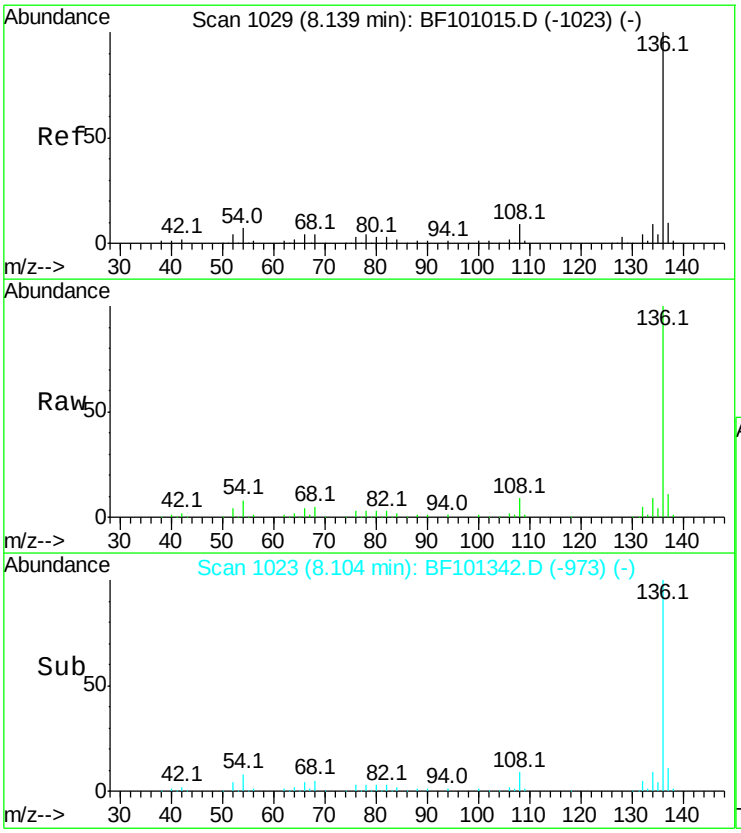
#19
n-Nitroso-di-n-propylamine
Concen: 5.891 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 12133

Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

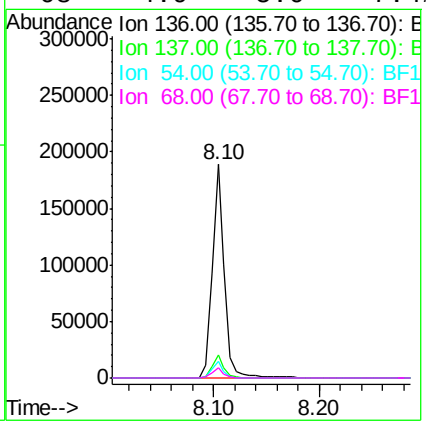


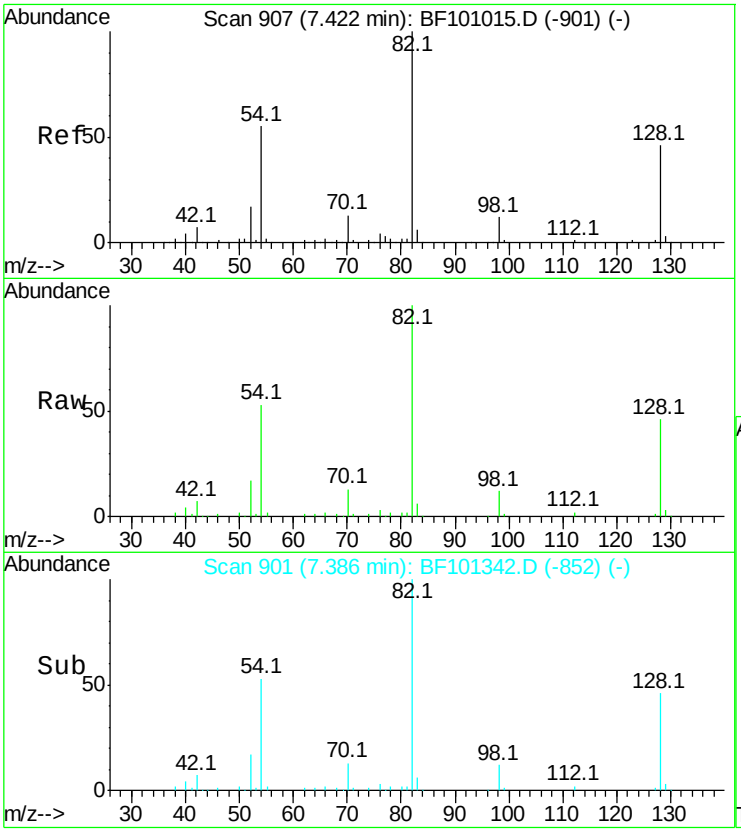


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:136 Resp: 154093

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.7	6.6	9.8
68	4.9	5.0	7.4#



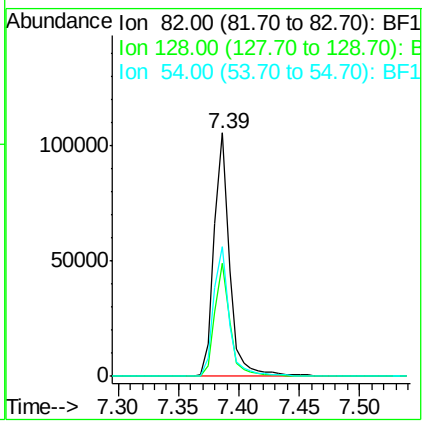


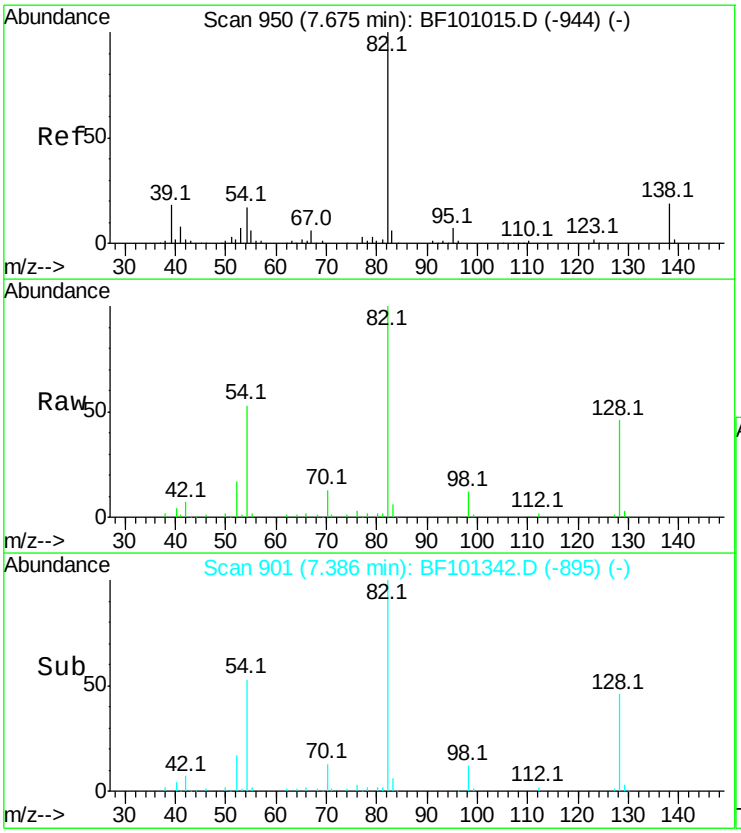
#23
Nitrobenzene-d5
Concen: 36.116 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 93292

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	53.4	41.4	62.2

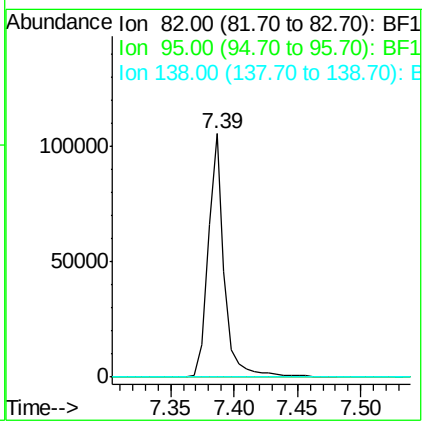


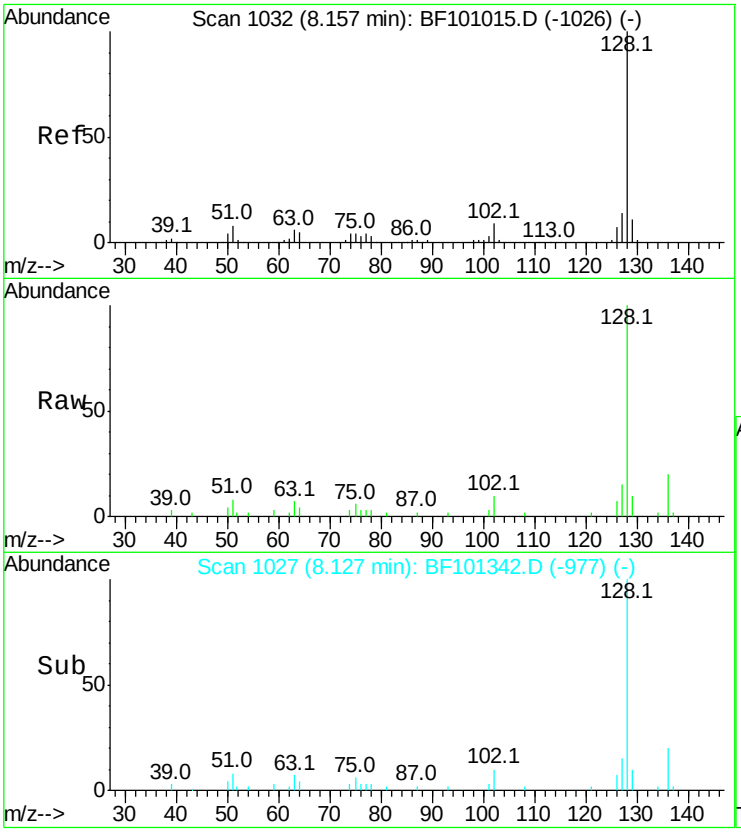


#25
Isophorone
Concen: 21.143 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion: 82 Resp: 93291

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

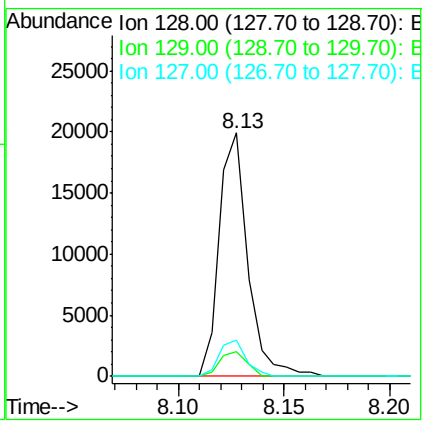




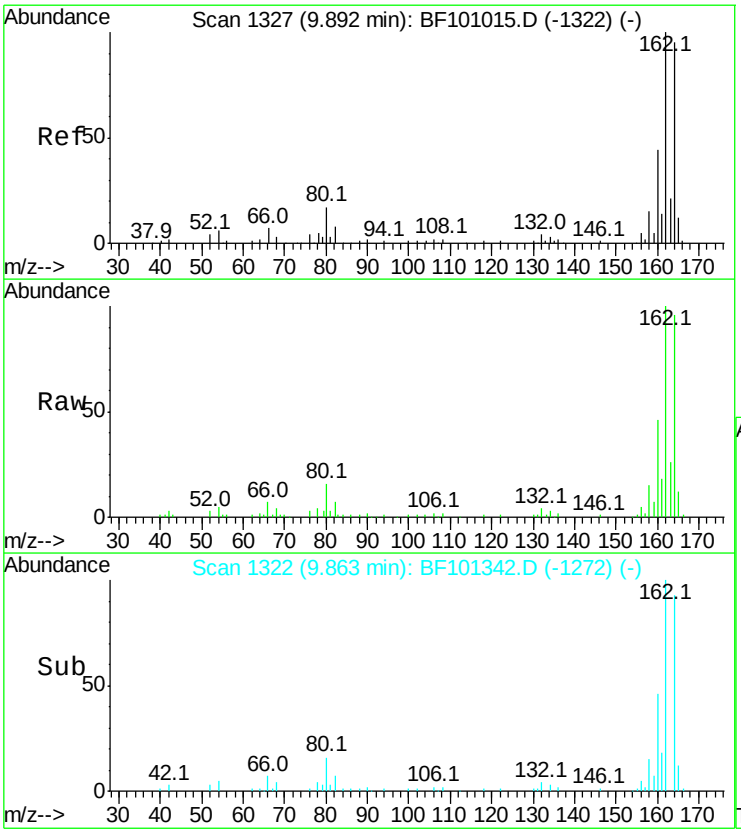
#31
Naphthalene
Concen: 2.462 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:128 Resp: 18699

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.8	13.2
127	15.1	10.9	16.3



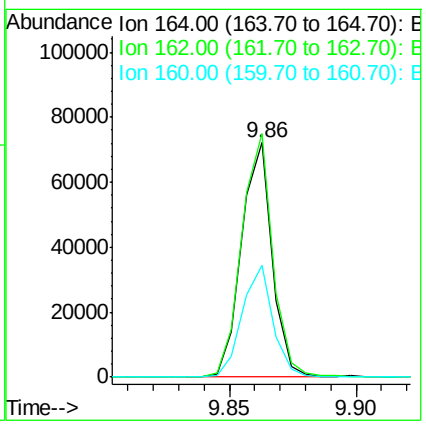
Instrument :
BNA_F
ClientSampleId :

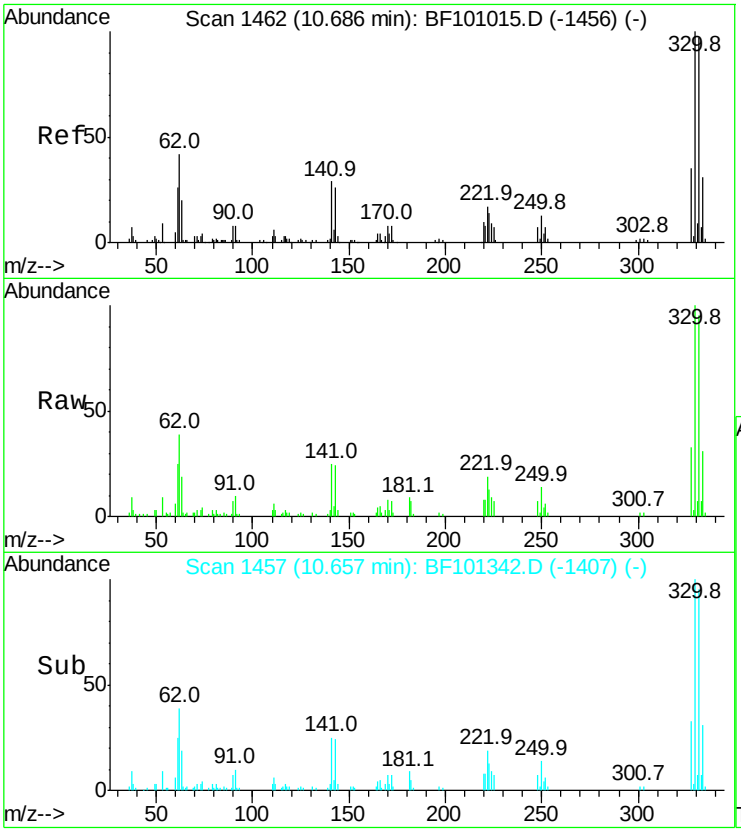


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:164 Resp: 60296

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	47.7	38.3	57.5



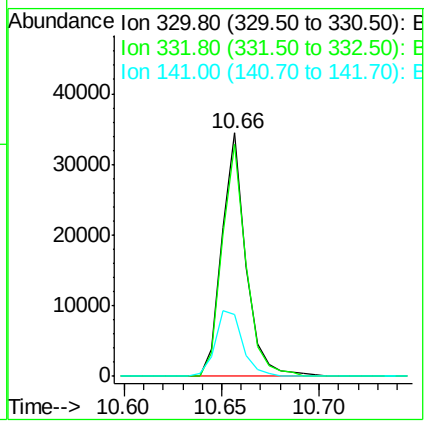


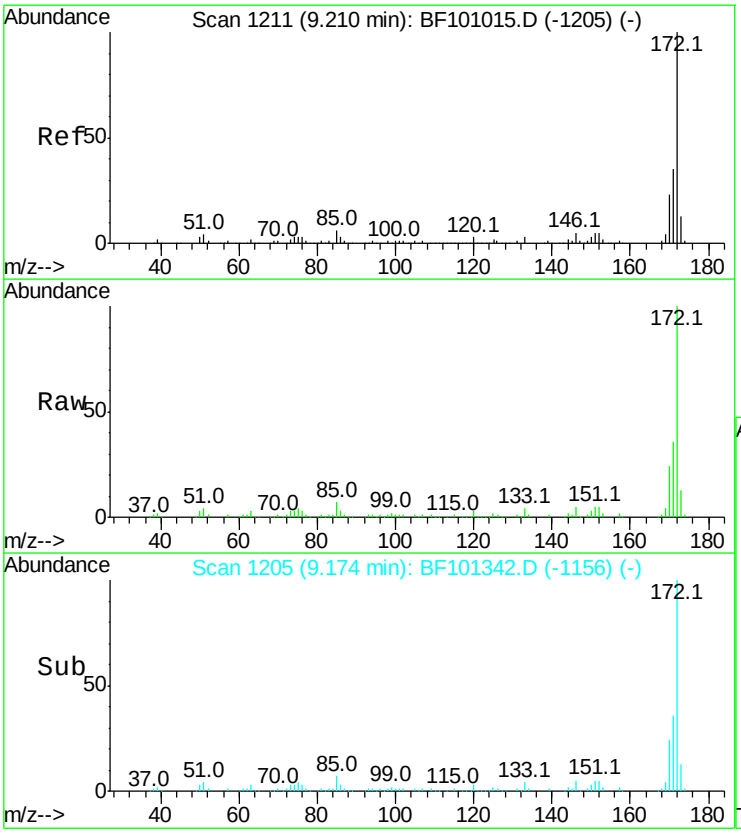
#41
2,4,6-Tribromophenol
Concen: 40.577 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 29391

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	31.0	29.9	44.9

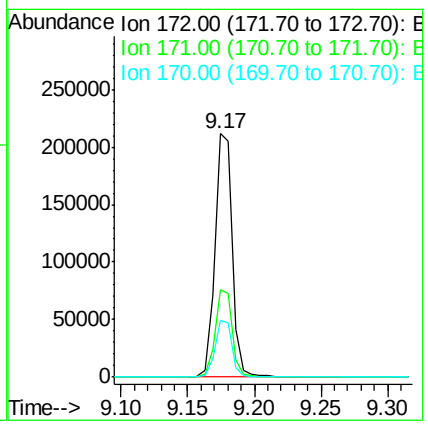


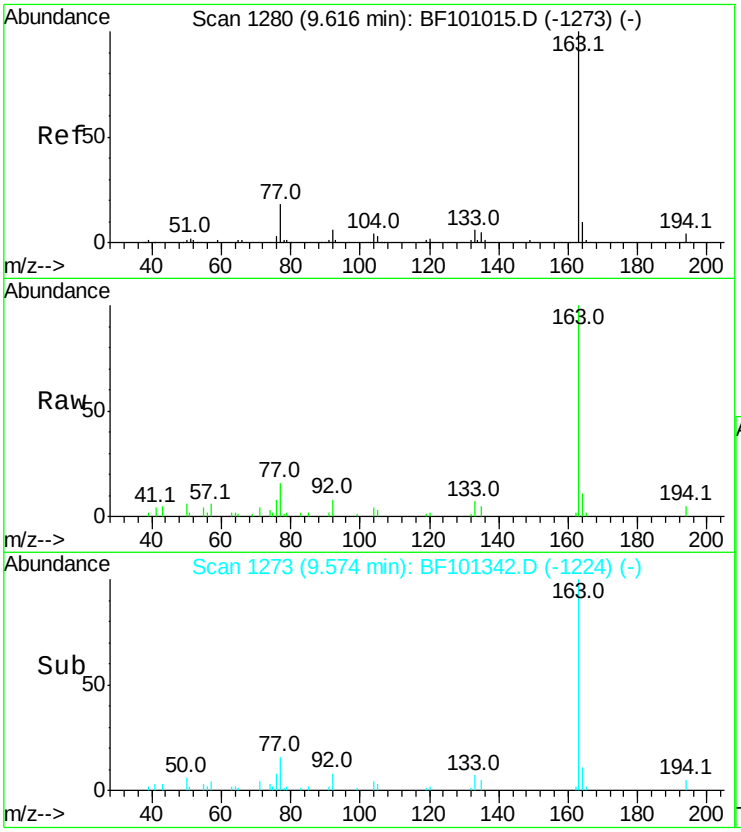


#44
2-Fluorobiphenyl
Concen: 43.962 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:172 Resp: 193739

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	19.6	29.4



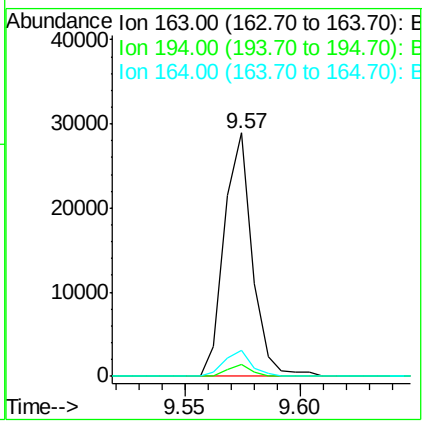


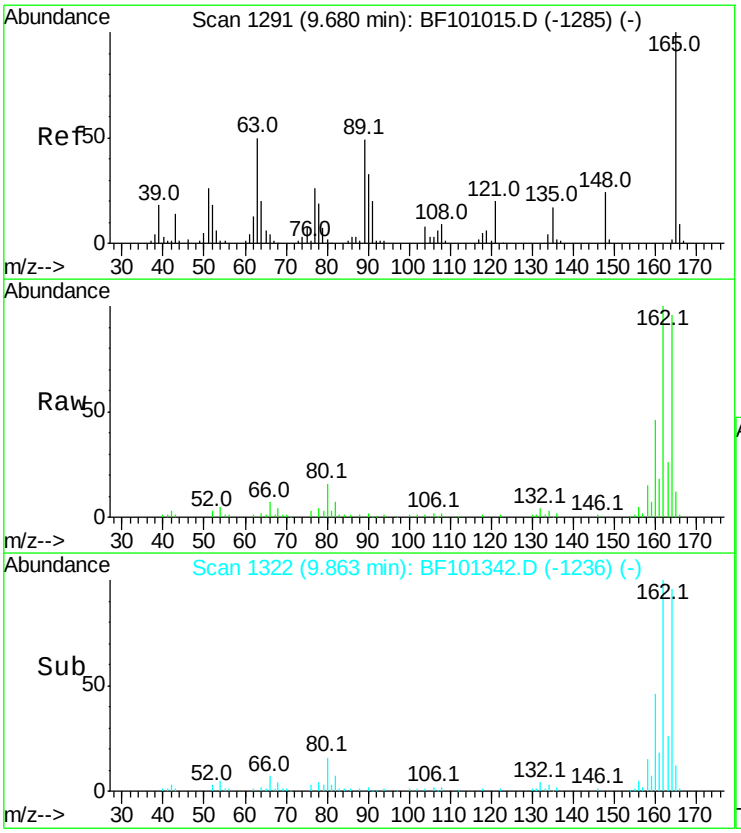
#49
Dimethylphthalate
Concen: 5.003 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 24327

Ion	Ratio	Lower	Upper
163	100		
194	4.8	2.7	4.1#
164	10.7	8.2	12.2

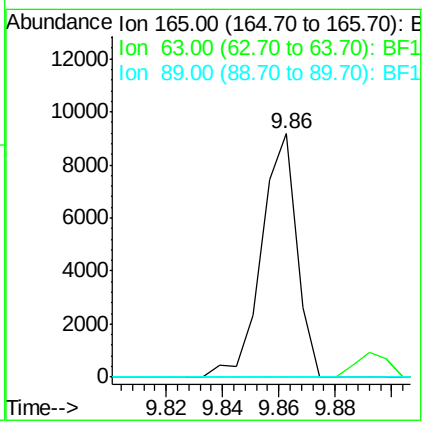


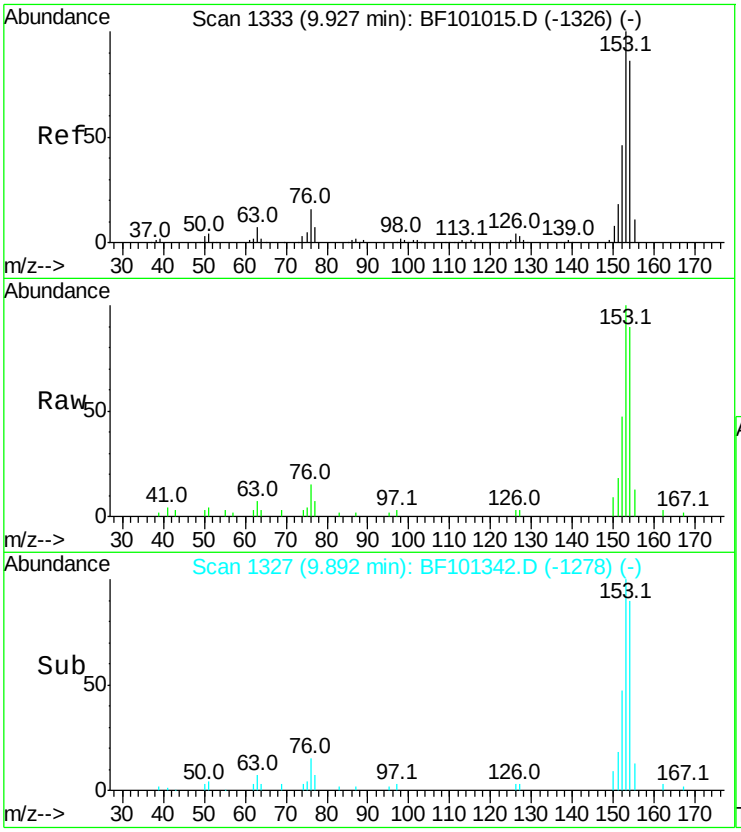


#50
2,6-Dinitrotoluene
Concen: 7.748 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.21 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:165 Resp: 7936

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



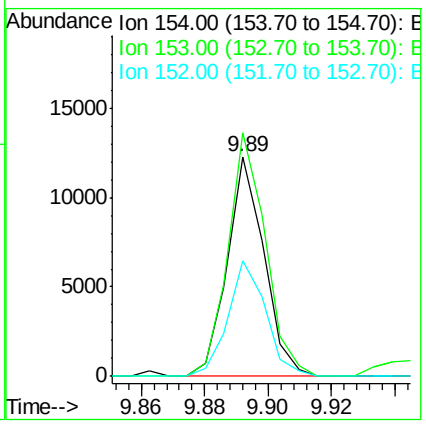


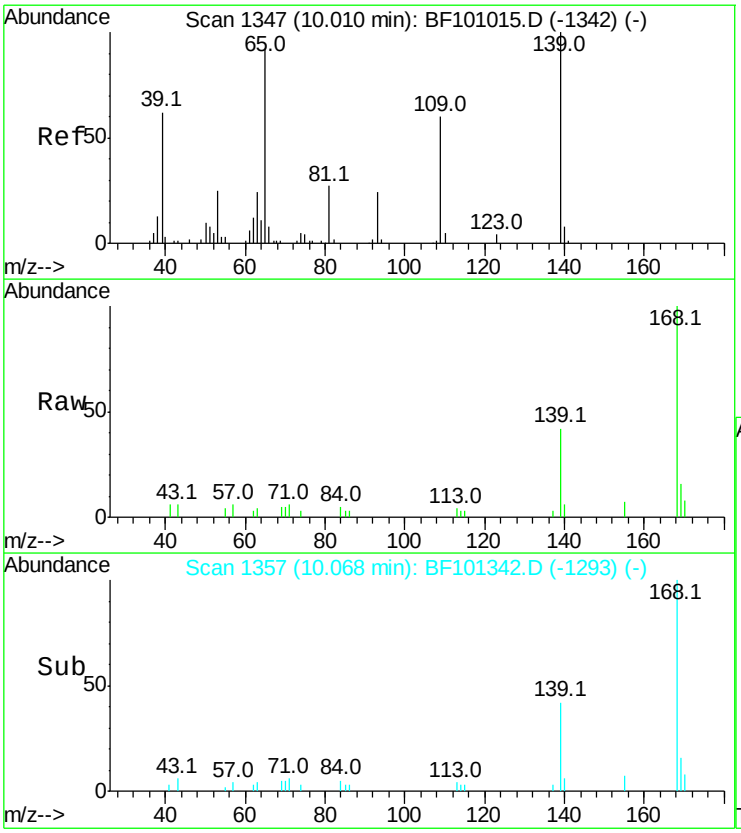
#51
Acenaphthene
Concen: 2.541 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 9811

Ion	Ratio	Lower	Upper
154	100		
153	111.0	91.2	136.8
152	52.6	43.8	65.8

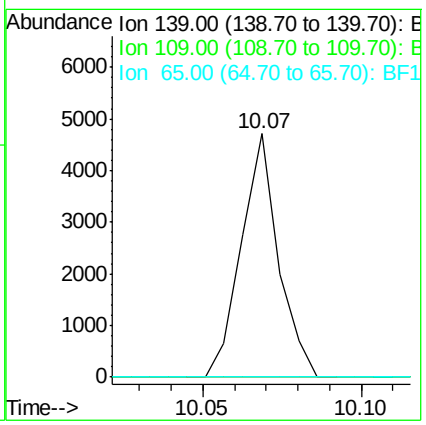


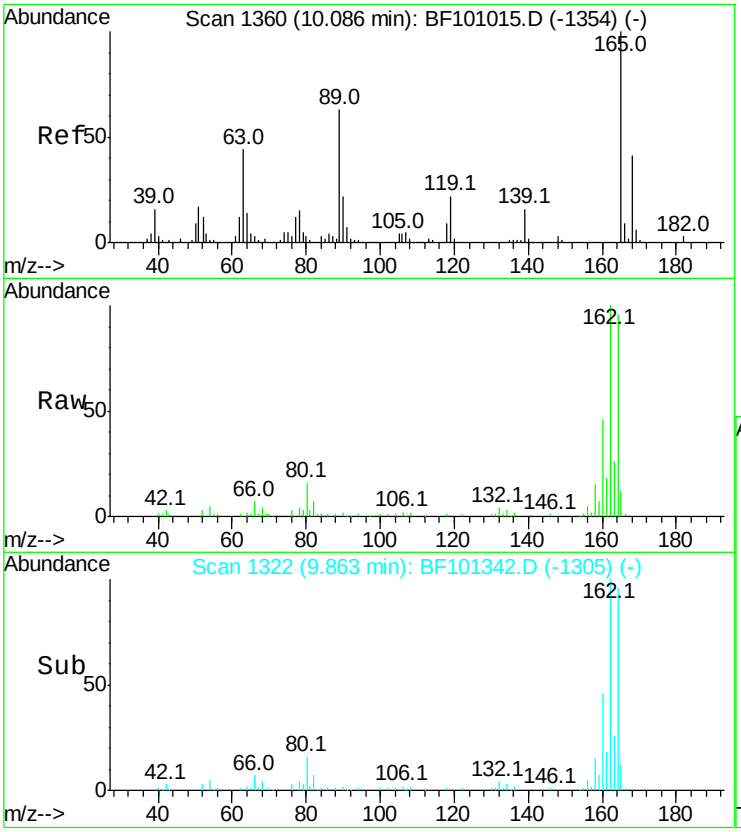


#55
4-Nitrophenol
Concen: 4.926 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.08 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:139 Resp: 3826

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



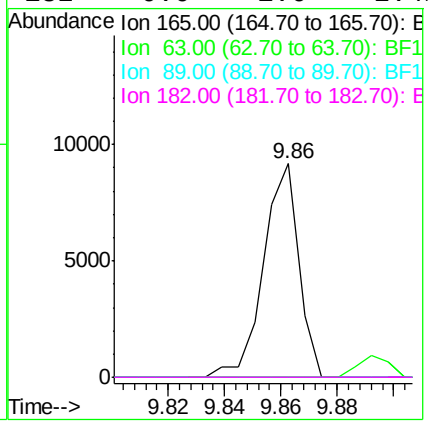


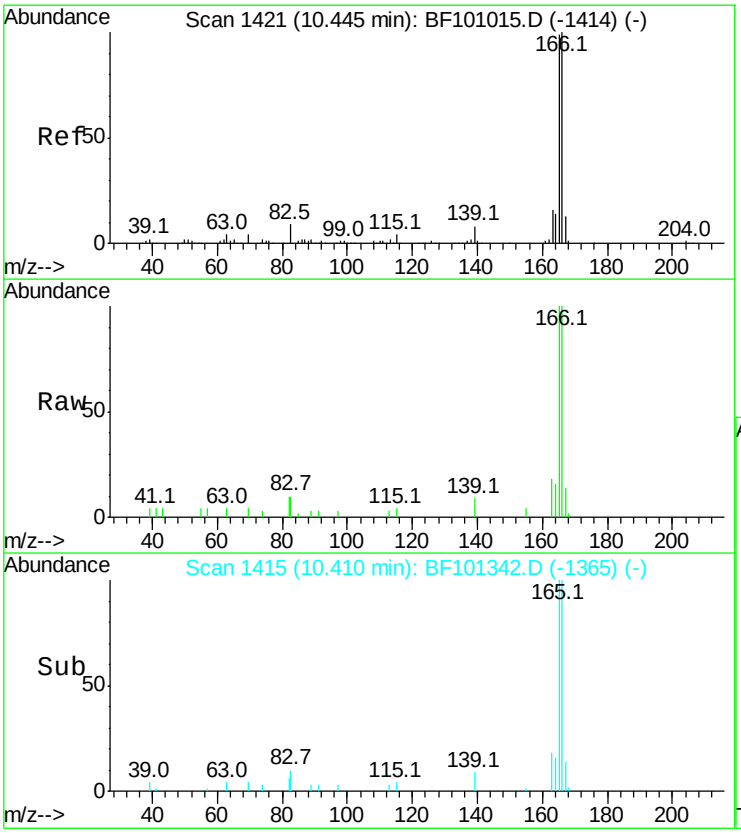
#56
2,4-Dinitrotoluene
Concen: 5.782 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.20 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 7936

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

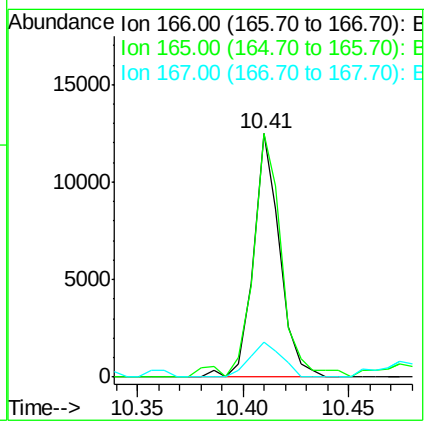


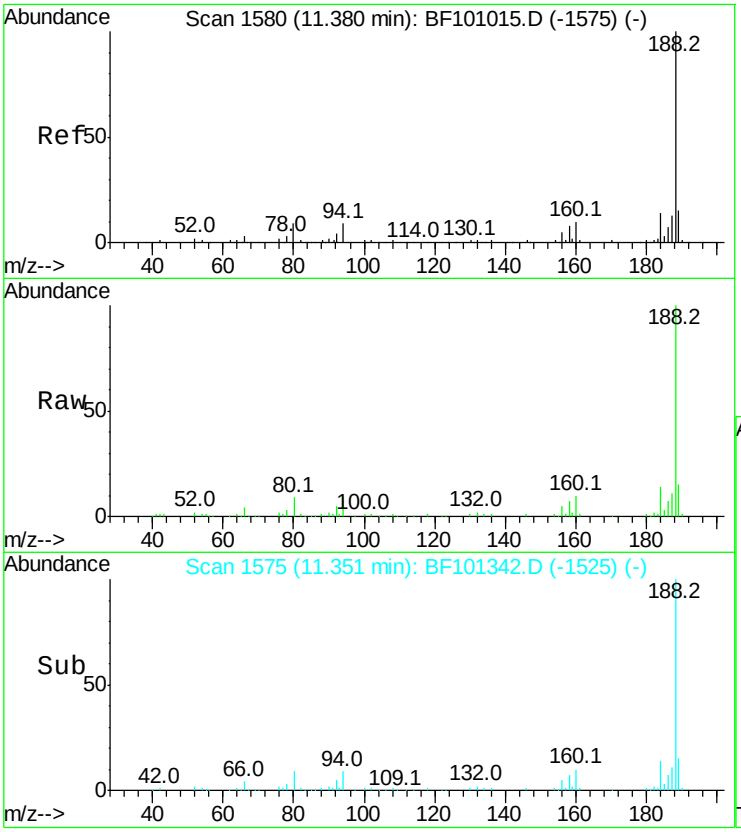


#57
Fluorene
Concen: 2.376 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:166 Resp: 10746

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	14.4	10.6	16.0



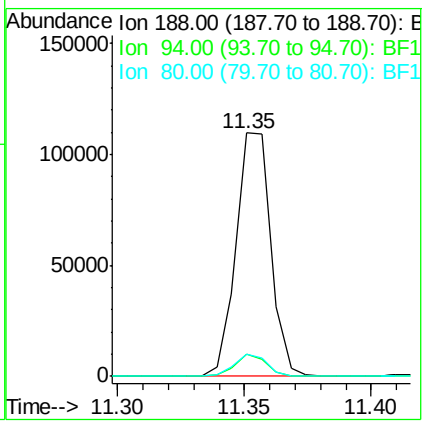


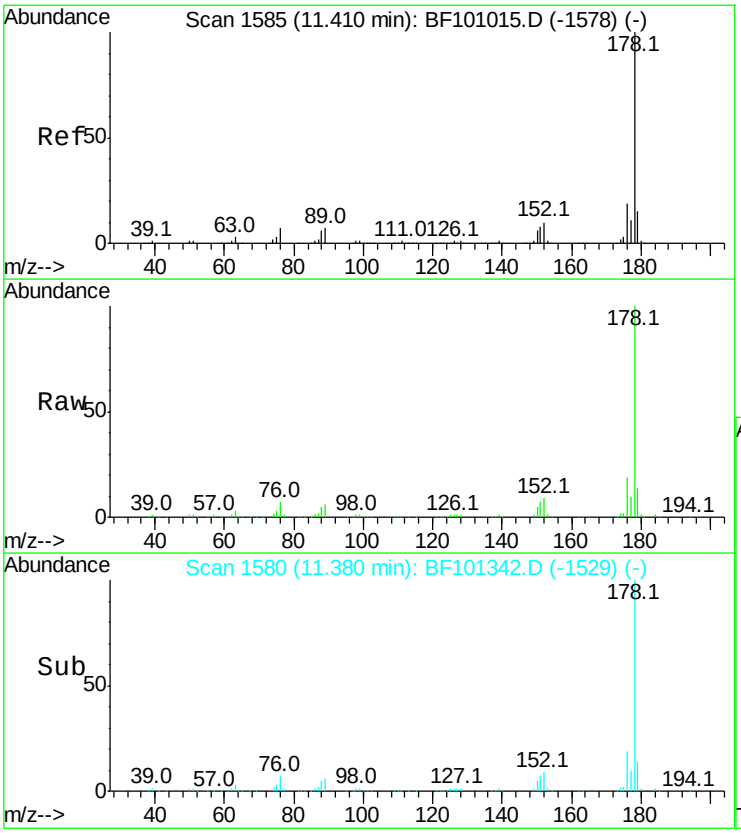
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 104299

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

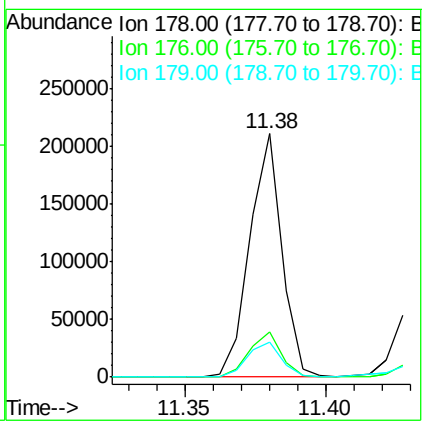


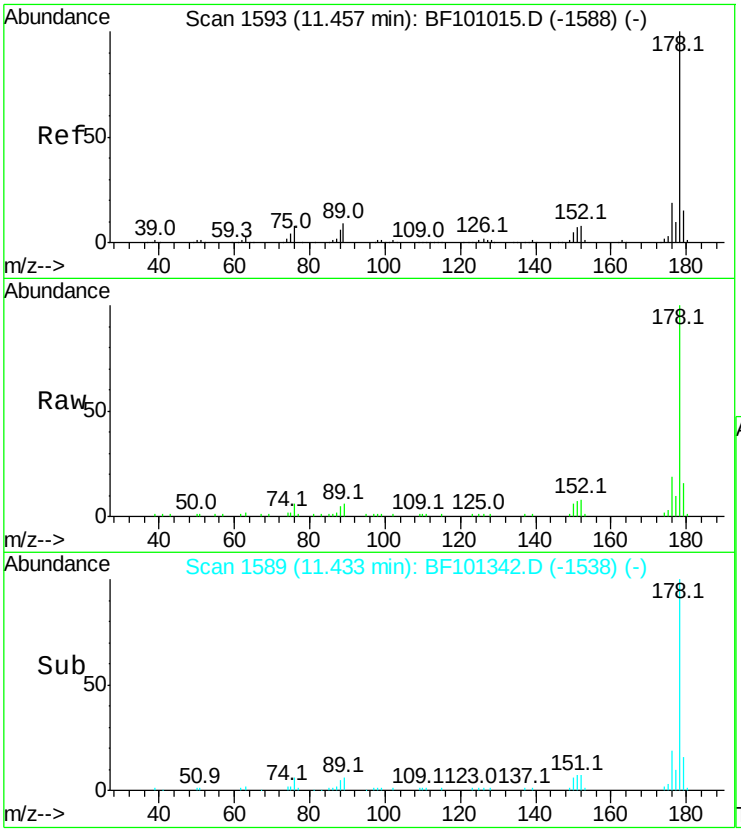


#70
Phenanthrene
Concen: 28.980 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:178 Resp: 166455

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.3	13.0	19.6



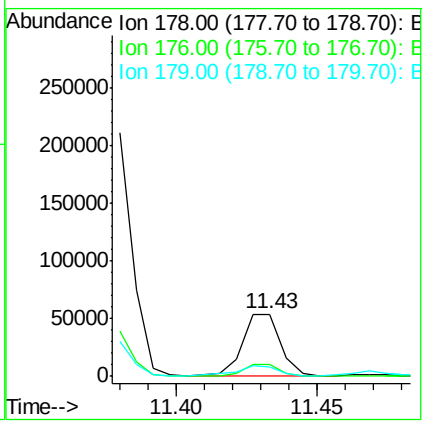


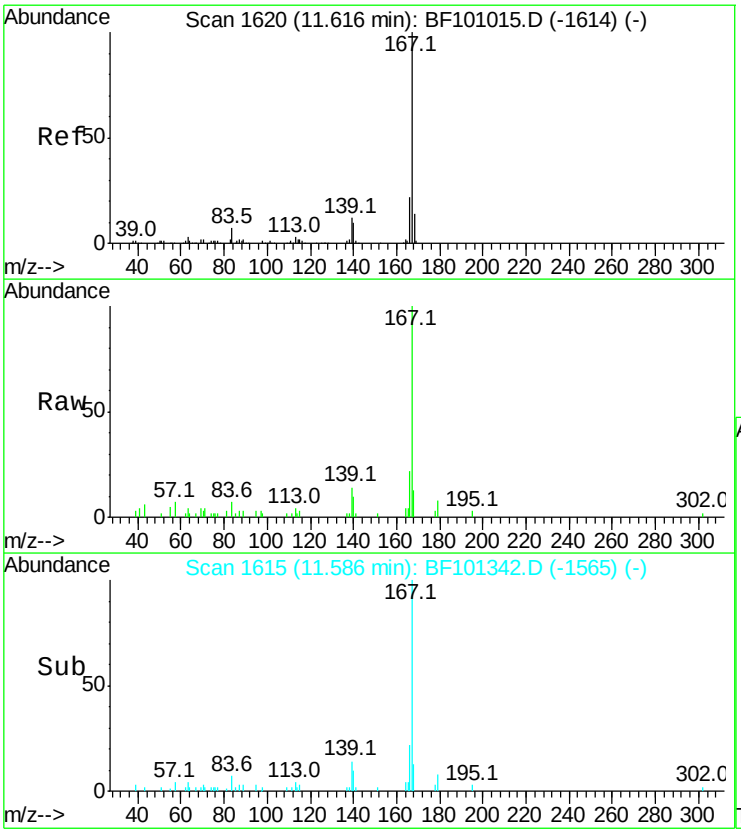
#71
Anthracene
Concen: 8.530 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 49586

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.9	12.6	19.0

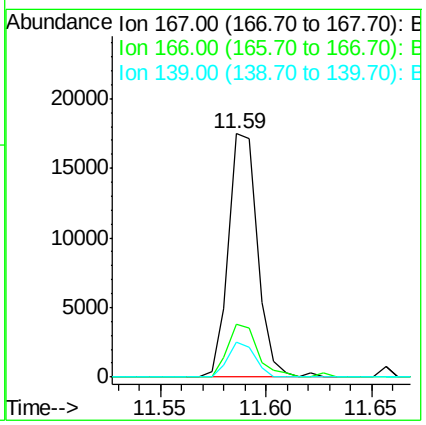


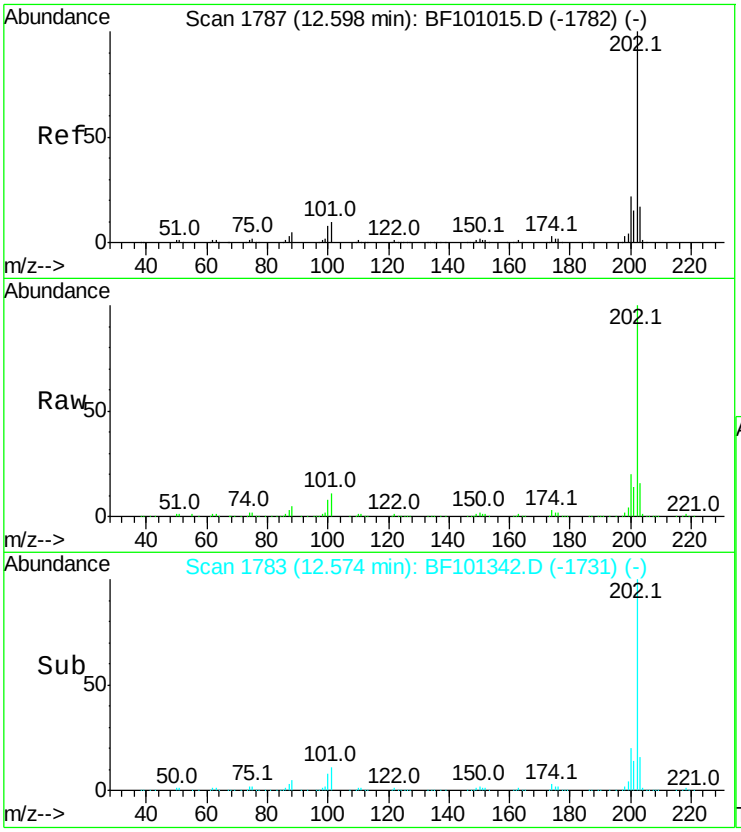


#72
Carbazole
Concen: 3.123 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:167 Resp: 16587

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	14.3	10.9	16.3



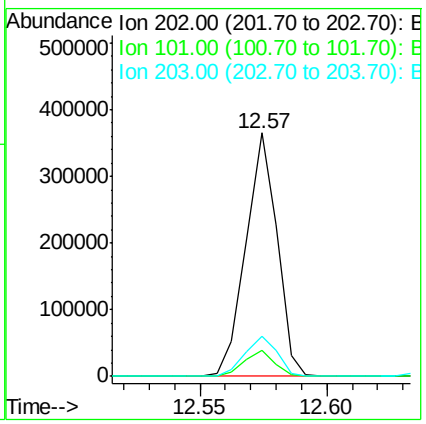


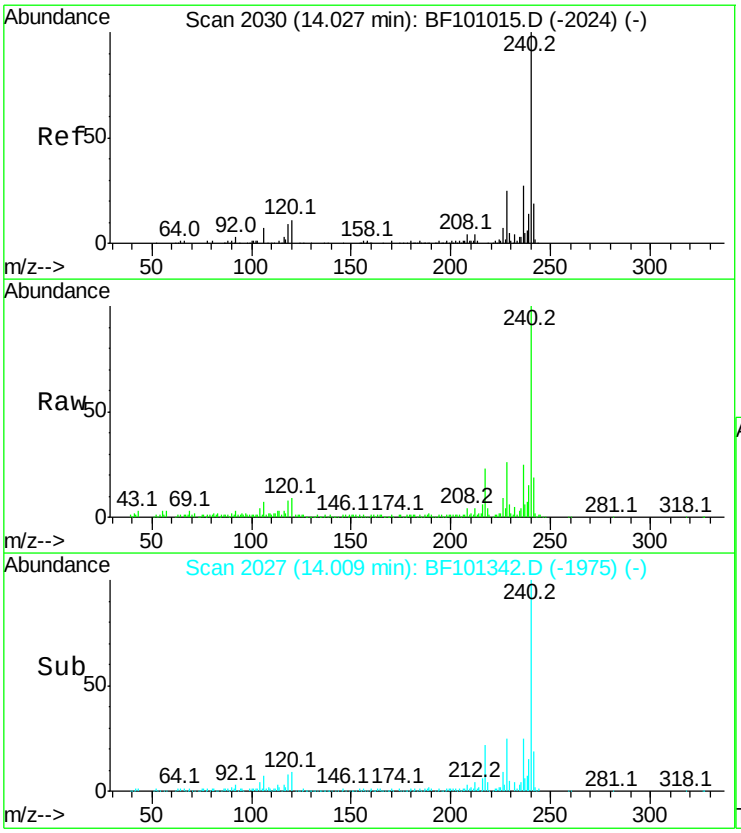
#74
Fluoranthene
Concen: 49.380 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 314394

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.1
203	16.4	0.0	38.1

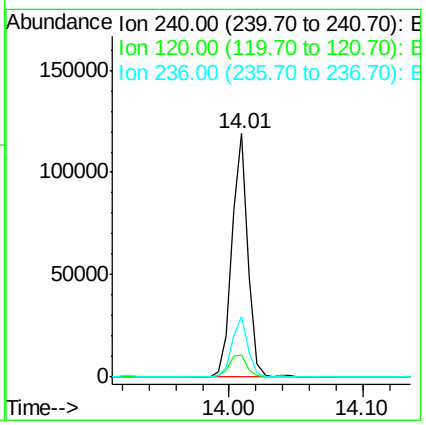


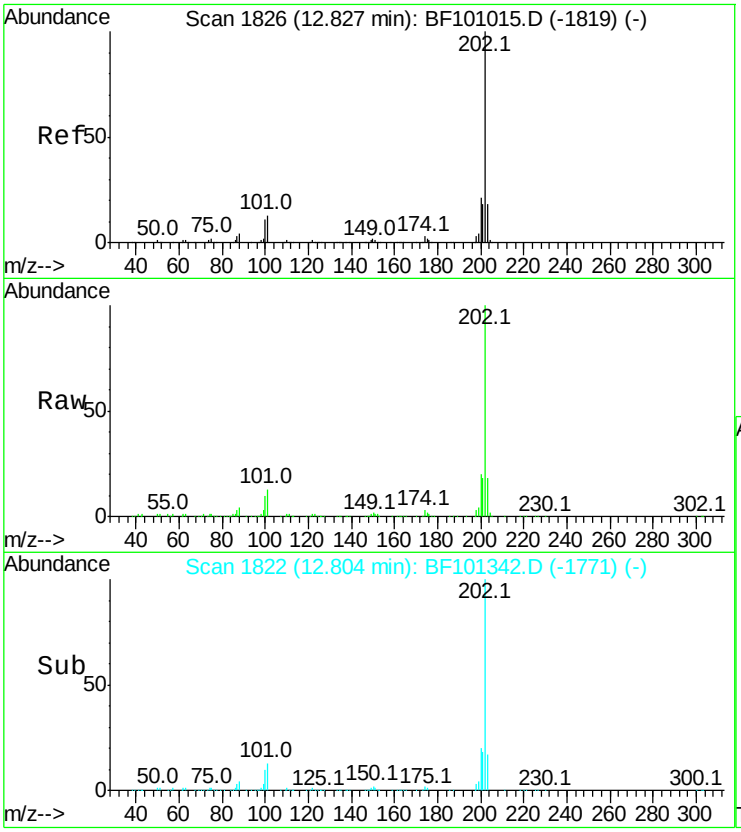


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:240 Resp: 99869

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	25.0	20.7	31.1



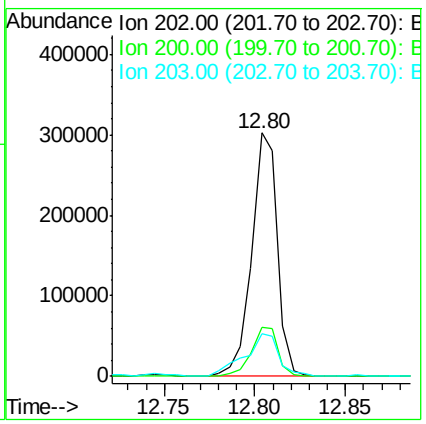


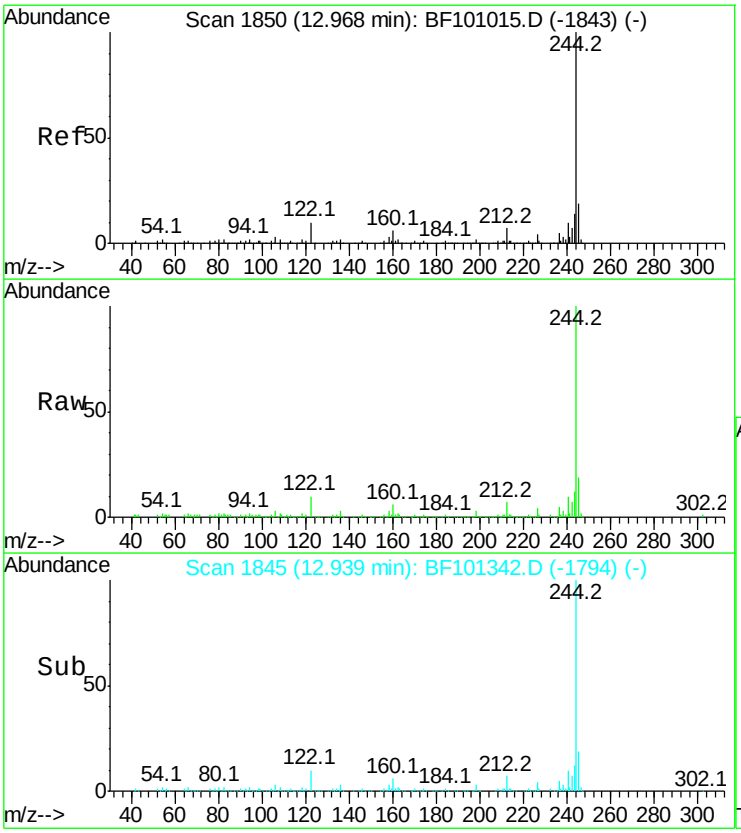
#77
Pyrene
Concen: 43.129 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 297212

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	17.6	14.3	21.5

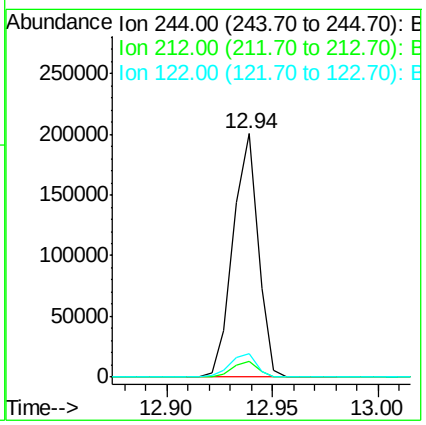


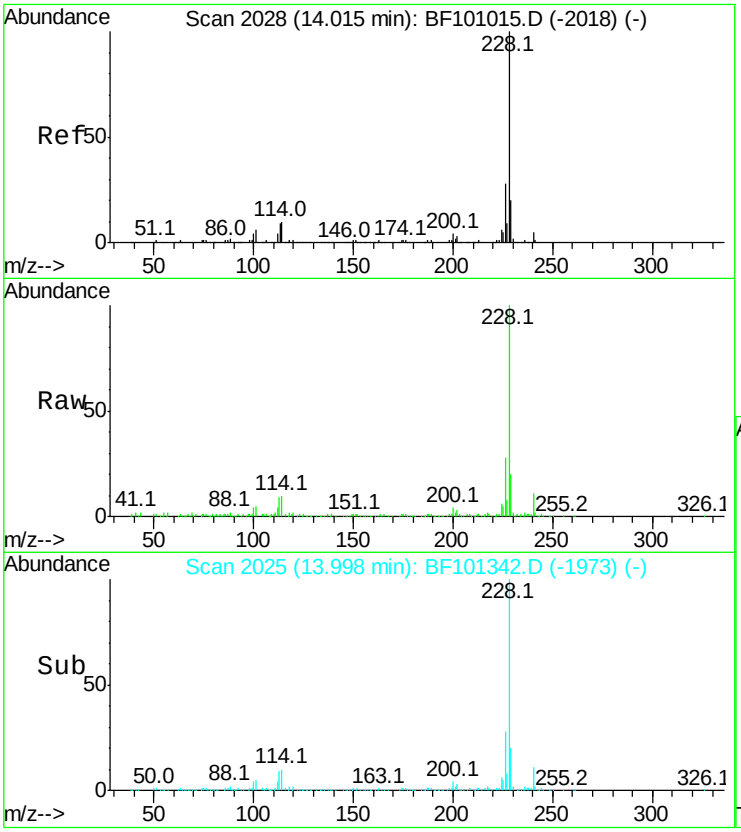


#78
Terphenyl-d14
Concen: 36.094 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:244 Resp: 164801

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.7	11.0	16.4#



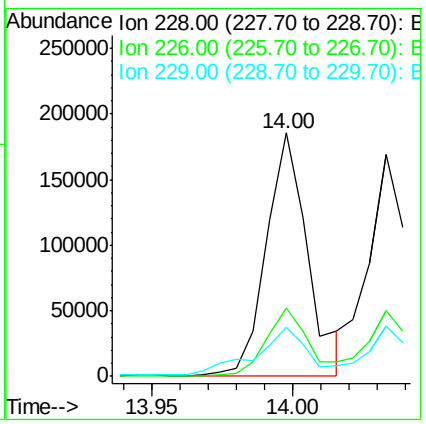


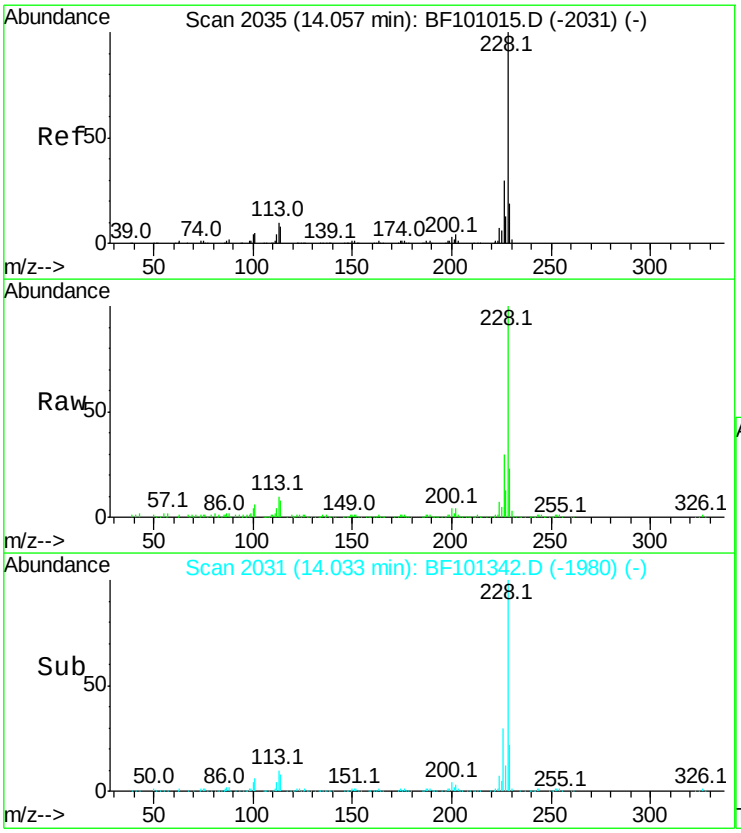
#80
Benzo(a)anthracene
Concen: 29.694 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 187235

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.2	15.8	23.6

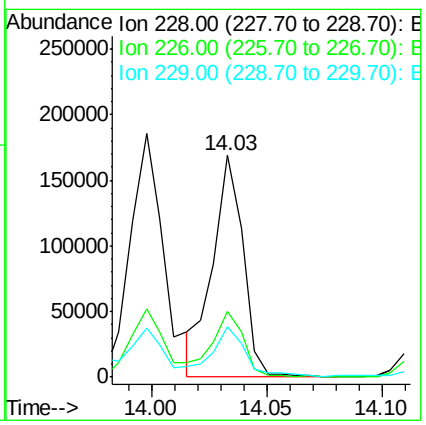


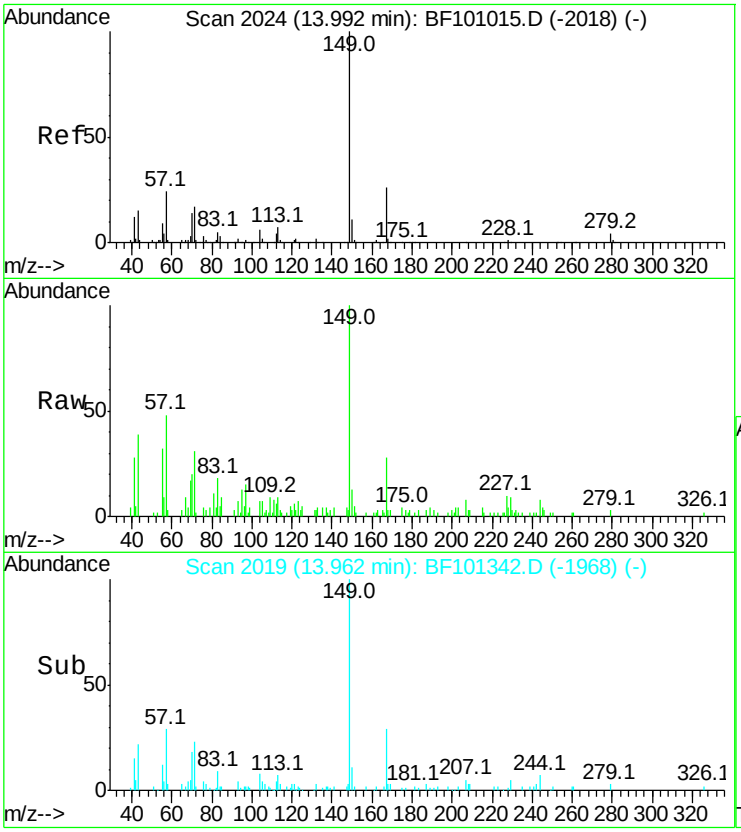


#82
Chrysene
Concen: 26.215 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:228 Resp: 153515

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	22.7	16.2	24.4



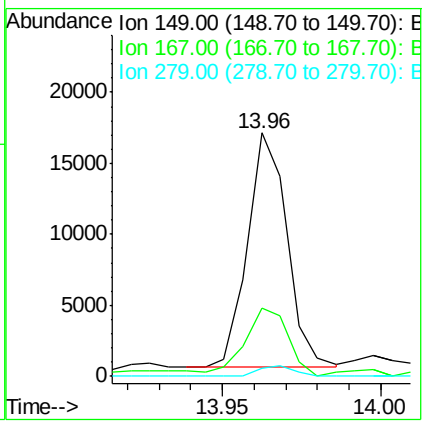


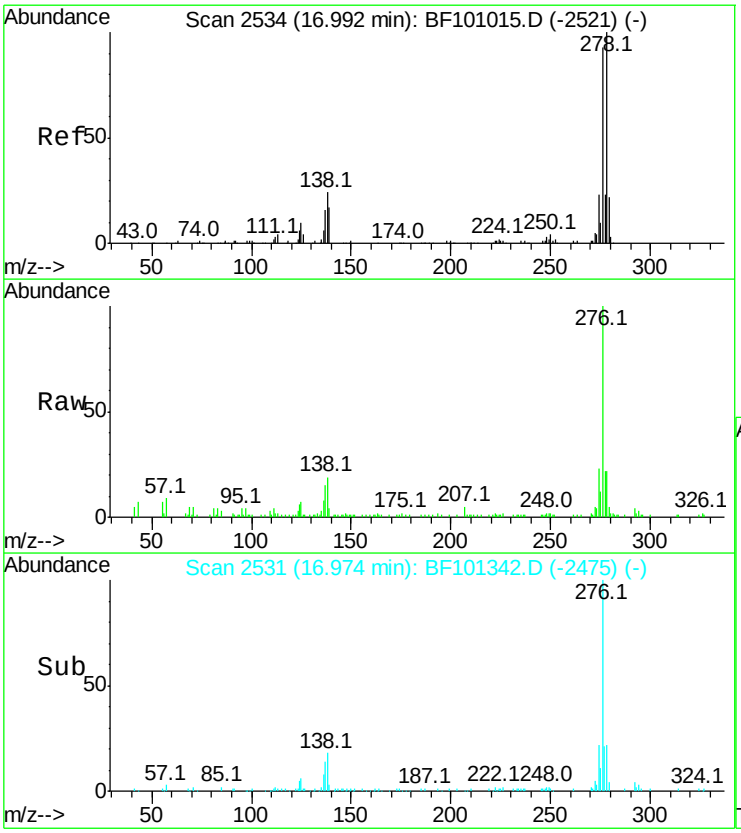
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.263 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 14135

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.3	31.9
279	3.1	3.0	4.4

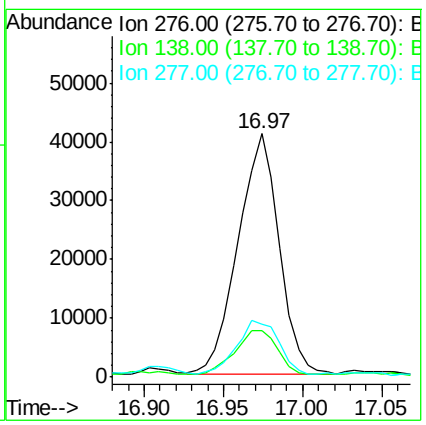


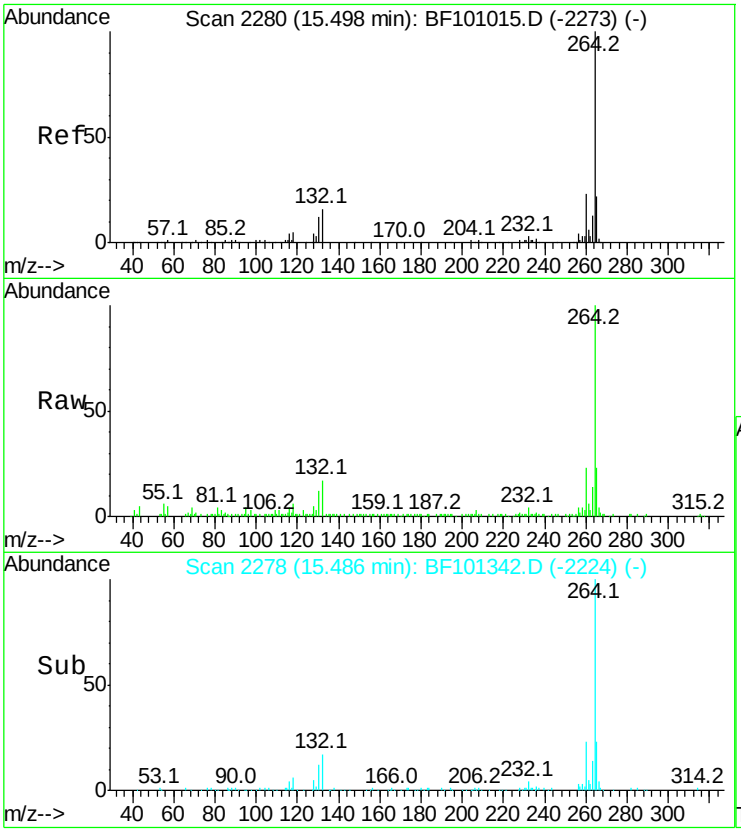


#85
Indeno(1,2,3-cd)pyrene
Concen: 14.028 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.03 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:276 Resp: 73035

Ion	Ratio	Lower	Upper
276	100		
138	19.8	25.0	37.6#
277	23.5	20.1	30.1



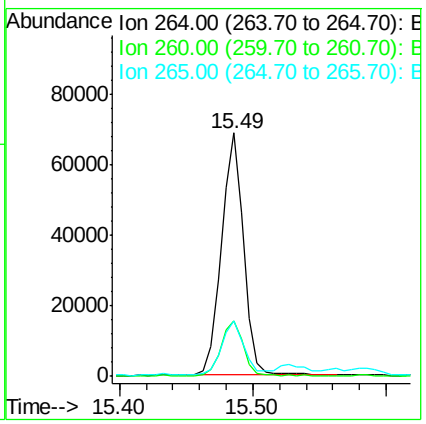


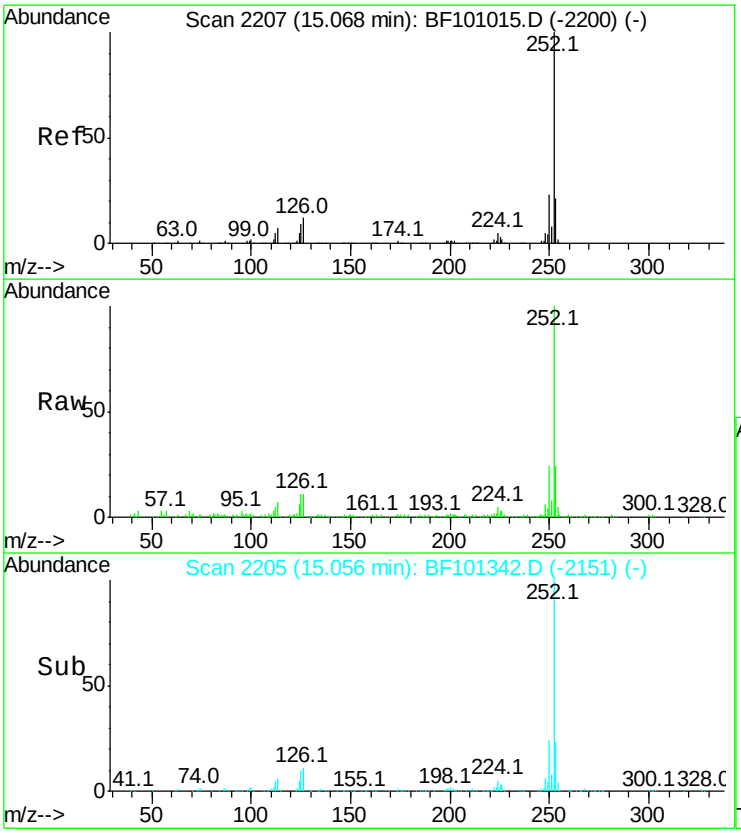
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 80768

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.7	17.5	26.3

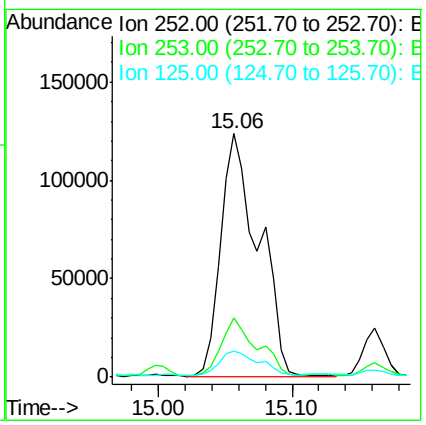


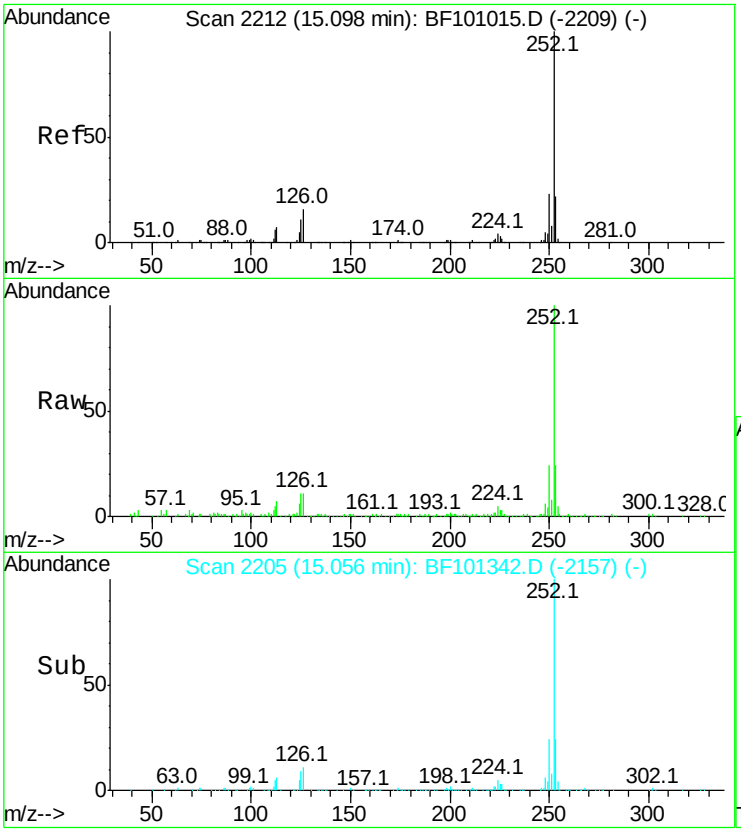


#87
Benzo(b)fluoranthene
Concen: 50.367 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:252 Resp: 243667

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	10.5	9.0	13.6



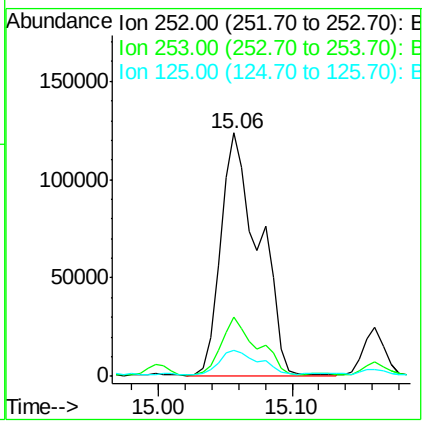


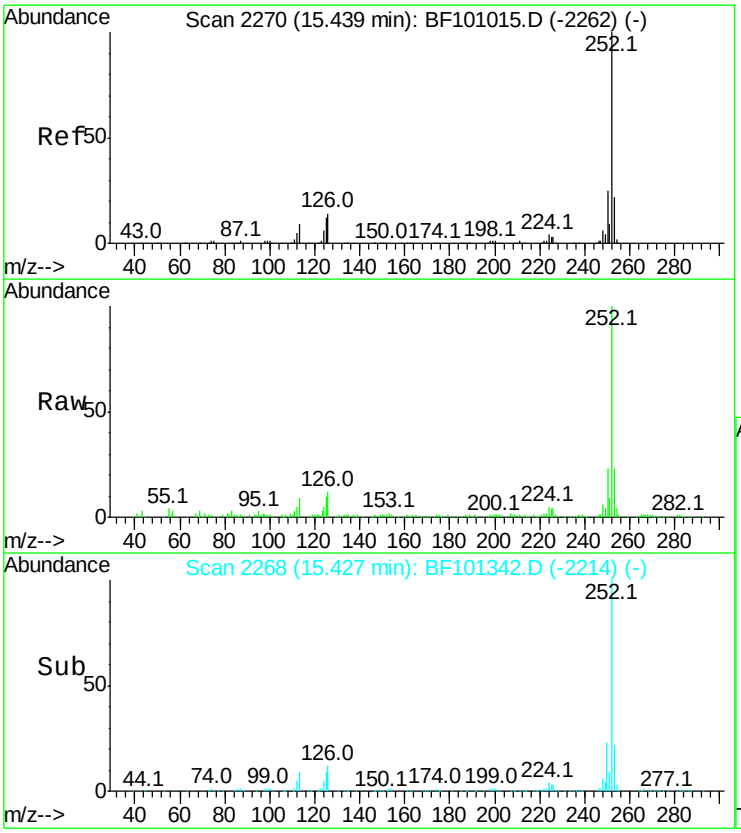
#88
Benzo(k)fluoranthene
Concen: 51.123 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 243667

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	10.5	10.2	15.2

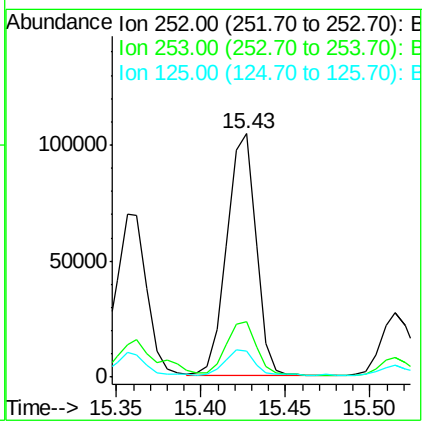


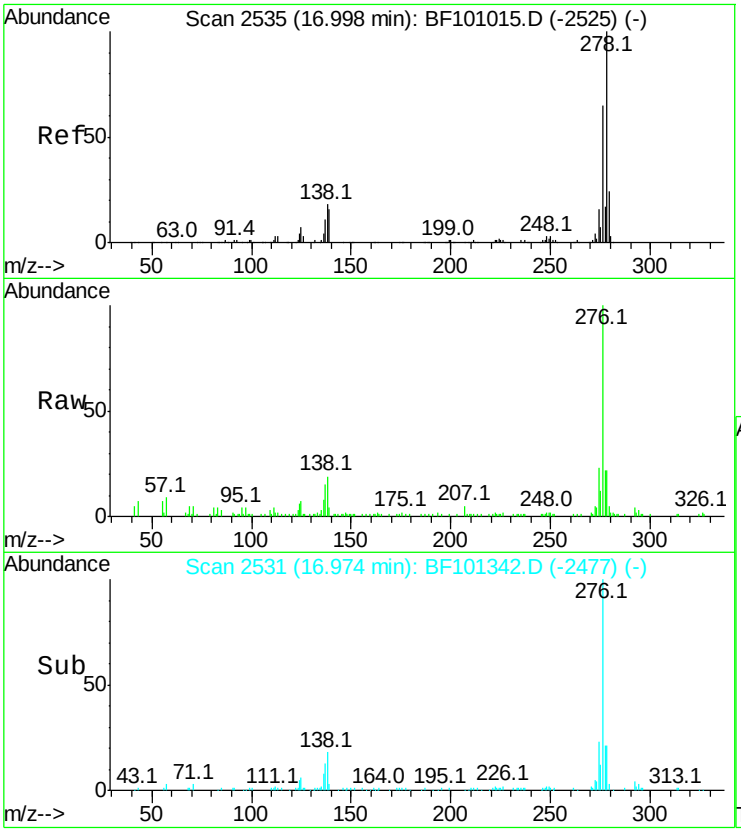


#89
Benzo(a)pyrene
Concen: 28.788 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:252 Resp: 126615

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	10.4	9.8	14.6



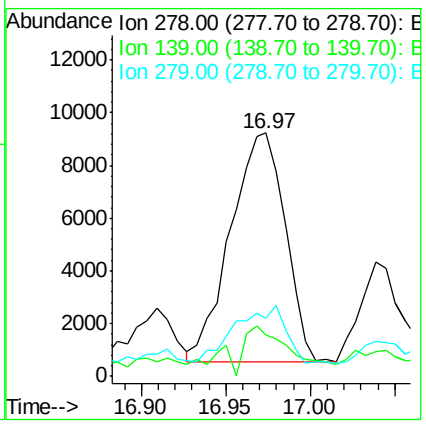


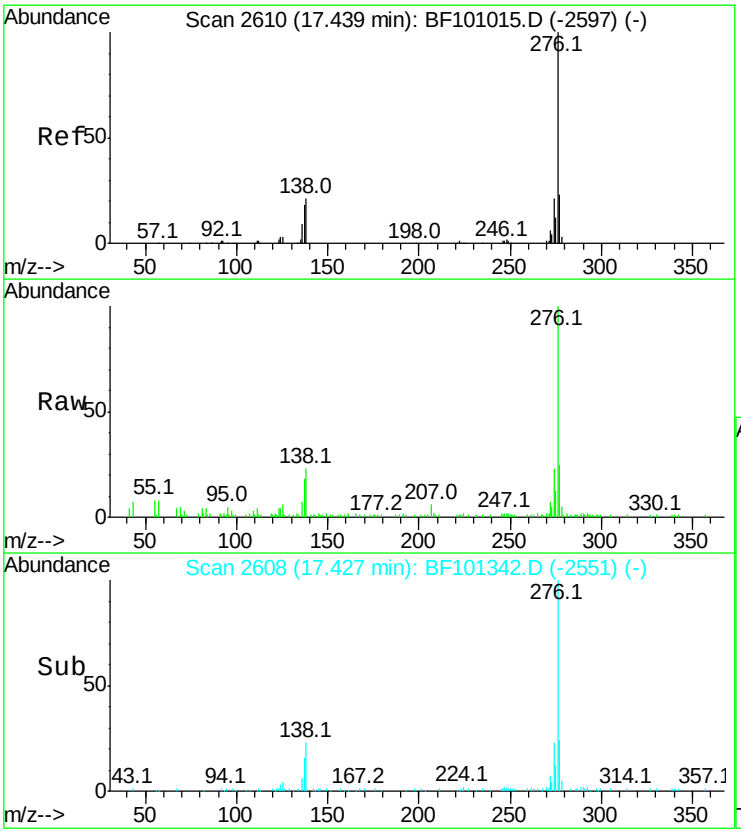
#90
Dibenzo(a,h)anthracene
Concen: 5.020 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.02 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 19464

Ion	Ratio	Lower	Upper
278	100		
139	17.0	15.9	23.9
279	23.9	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 19.756 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.04 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:276 Resp: 72190

Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.9	26.9
138	23.2	21.8	32.8