Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101063.D
Acq On : 1 Dec 2017 15:17
Operator : SJ/JU
Sample : I6610-14RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-2)-20171127

Quant Time: Dec 01 21:49:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:52:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53646	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	210984	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	97895	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	176180	20.00	ng		0.00
75) Chrysene-d12	14.02	240	114588	20.00	ng		0.00
86) Perylene-d12	15.49	264	128080	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	328622	101.22	ng		0.00
7) Phenol-d6	6.49	99	428605	108.74	ng		0.00
23) Nitrobenzene-d5	7.41	82	273662	77.37	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	75239	63.98	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	536870	75.03	ng		0.00
78) Terphenyl-d14	12.96	244	416878	79.57	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	7582	3.143	ng		82
10) Phenol	6.49	94	15228	3.475	ng		79
19) n-Nitroso-di-n-propylamine	7.41	70	36310	13.679	ng	#	88
25) Isophorone	7.41	82	273658	45.298	ng	#	64
31) Naphthalene	8.15	128	24849	2.390	ng		98
48) Acenaphthylene	9.75	152	30893	2.951	ng		98
49) Dimethylphthalate	9.59	163	37051	4.693	ng		99
50) 2,6-Dinitrotoluene	9.89	165	13325	8.013	ng	#	24
51) Acenaphthene	9.92	154	29361	4.684	ng		98
54) Dibenzofuran	10.09	168	24067	2.664	ng	#	97
55) 4-Nitrophenol	10.09	139	9478	7.515	ng	#	9
57) Fluorene	10.43	166	41329	5.628	ng		95
66) 4-Bromophenyl-phenylether	10.67	248	4609	2.337	ng	#	1
70) Phenanthrene	11.40	178	487502	50.247	ng		98
71) Anthracene	11.45	178	126460	12.879	ng		97
72) Carbazole	11.60	167	41905	4.671	ng		97
74) Fluoranthene	12.60	202	649647	60.406	ng		94
77) Pyrene	12.82	202	562675	71.162	ng		98
79) Butylbenzylphthalate	13.43	149	16178	4.641	ng		91
80) Benzo(a)anthracene	14.01	228	294461	40.700	ng		97
82) Chrysene	14.04	228	237546	35.353	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	151590	30.497	ng		98
85) Indeno(1,2,3-cd)pyrene	16.97	276	127497	21.343	ng	#	89
87) Benzo(b)fluoranthene	15.07	252	431093	56.193	ng		98
88) Benzo(k)fluoranthene	15.07	252	431093	57.036	ng		98
89) Benzo(a)pyrene	15.43	252	237058	33.989	ng		97
90) Dibenzo(a,h)anthracene	16.77	278	22444	3.650	ng		96
91) Benzo(g,h,i)perylene	17.43	276	117200	20.226	ng	#	91

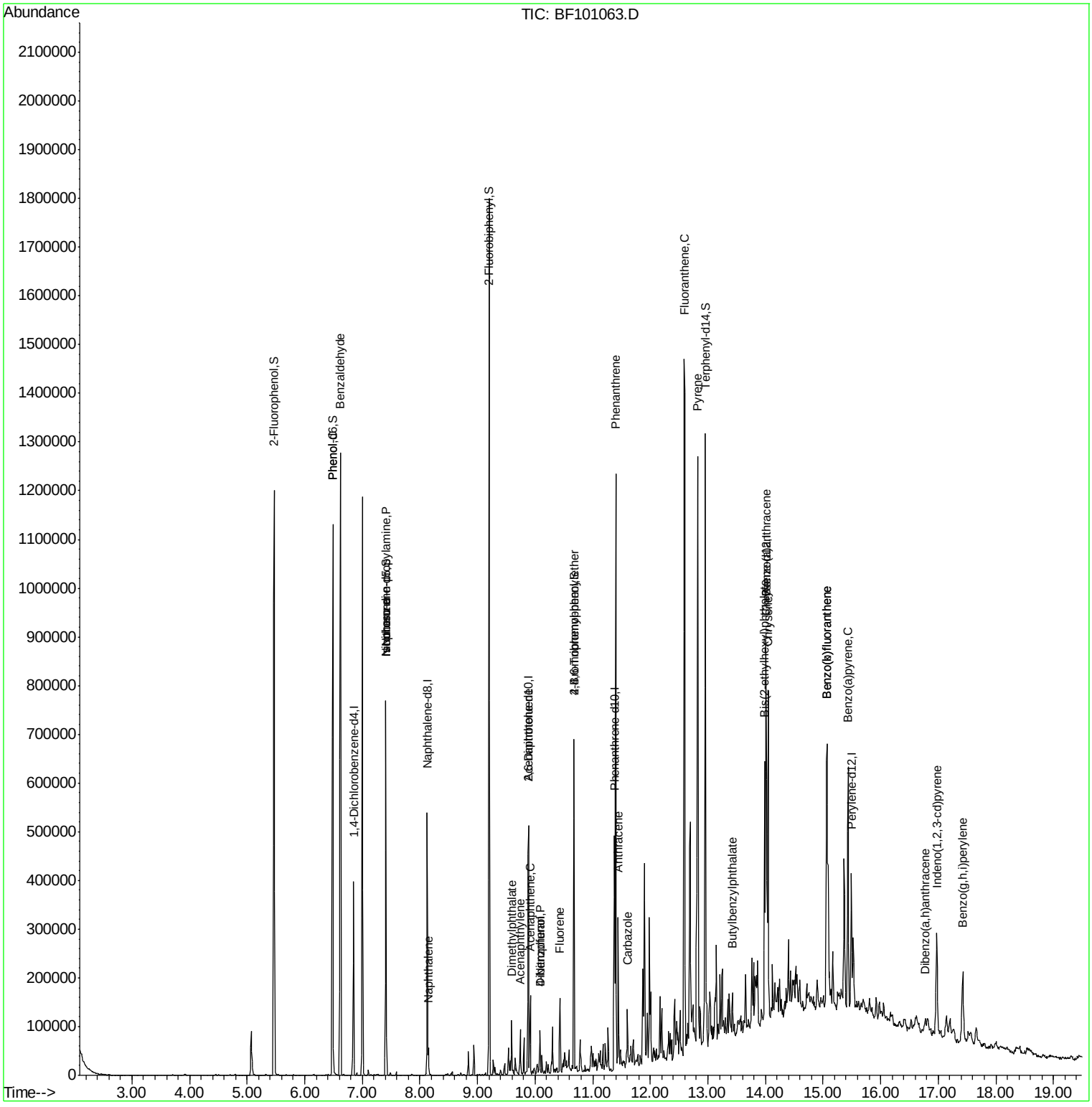
(#) = qualifier out of range (m) = manual integration (+) = signals summed

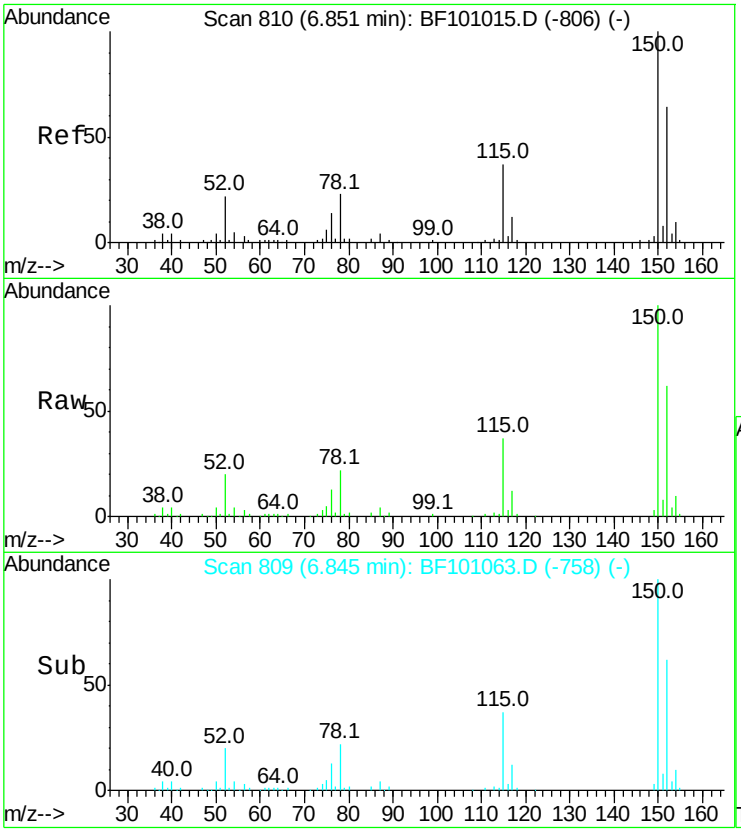
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101063.D
Acq On : 1 Dec 2017 15:17
Operator : SJ/JU
Sample : I6610-14RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Quant Time: Dec 01 21:49:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:52:19 2017
Response via : Initial Calibration



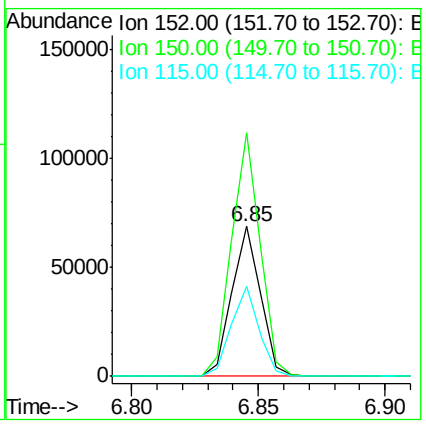


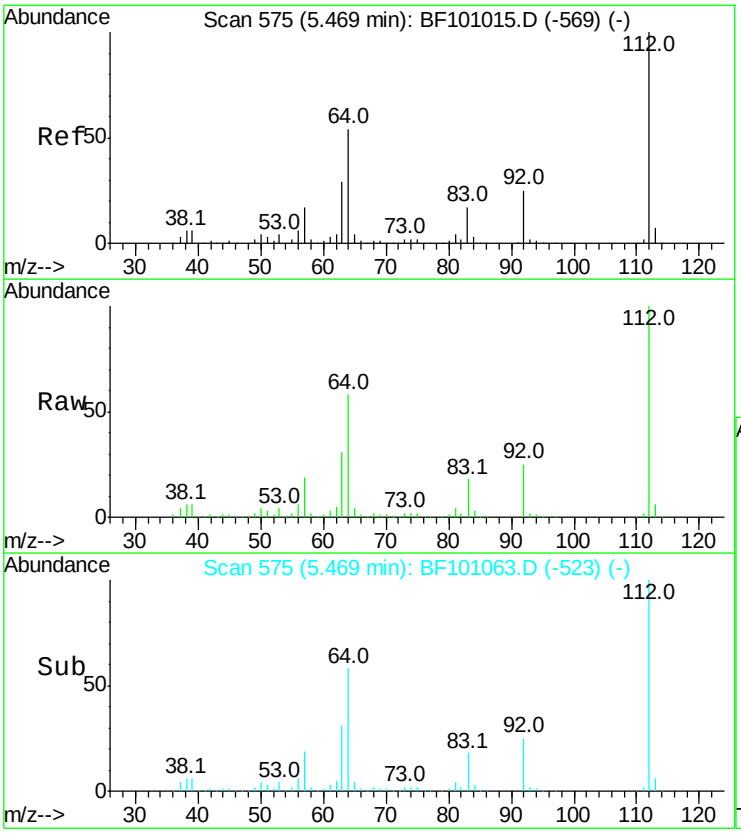
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion:152 Resp: 53646

Ion	Ratio	Lower	Upper
152	100		
150	162.2	124.6	186.8
115	59.6	50.1	75.1

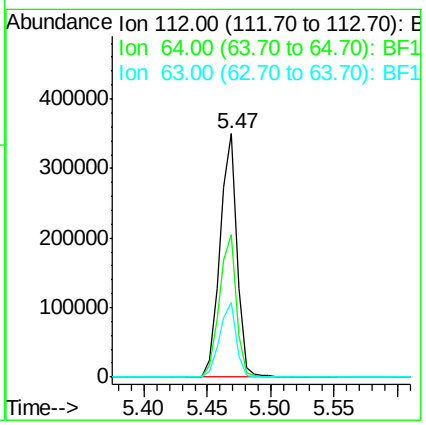


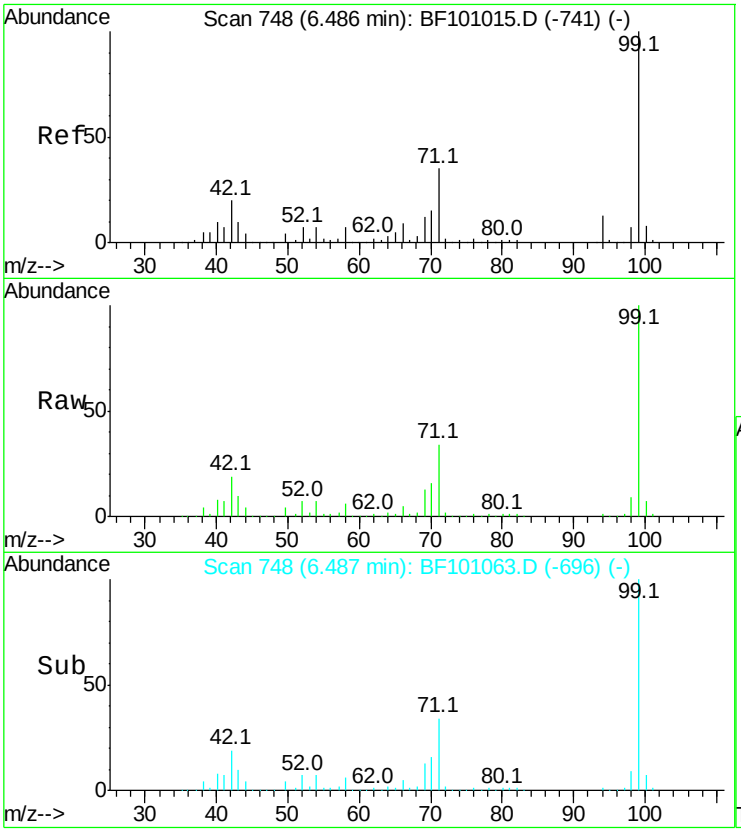


#5
2-Fluorophenol
Concen: 101.225 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:112 Resp: 328622

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	30.7	23.7	35.5



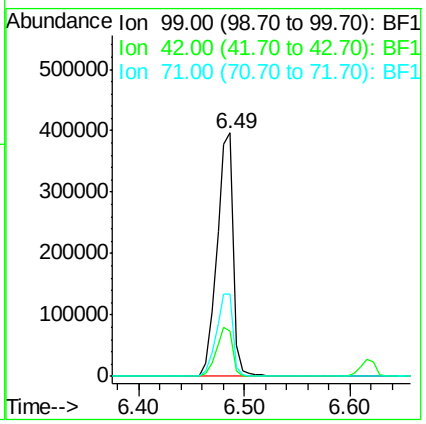


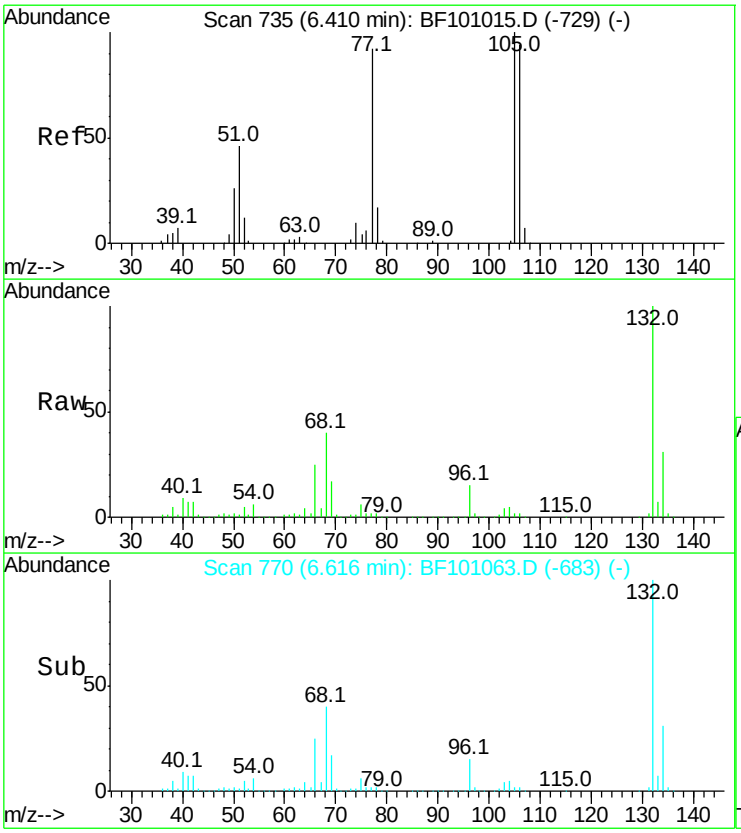
#7
Phenol-d6
Concen: 108.741 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion: 99 Resp: 428605

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	33.7	25.4	38.0

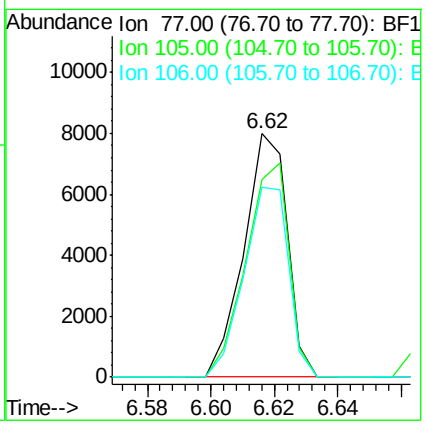


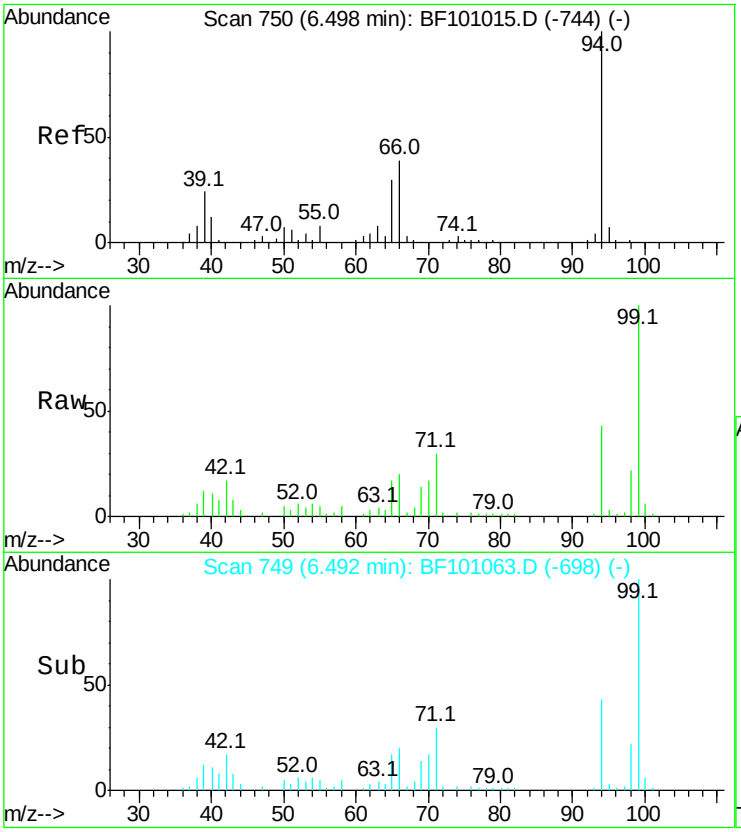


#9
Benzaldehyde
Concen: 3.143 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.21 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion: 77 Resp: 7582

Ion	Ratio	Lower	Upper
77	100		
105	81.3	81.1	121.1
106	77.8	74.5	114.5



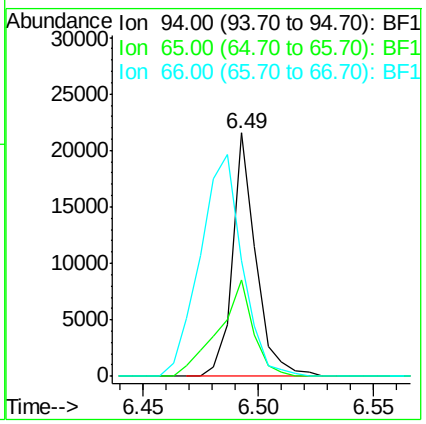


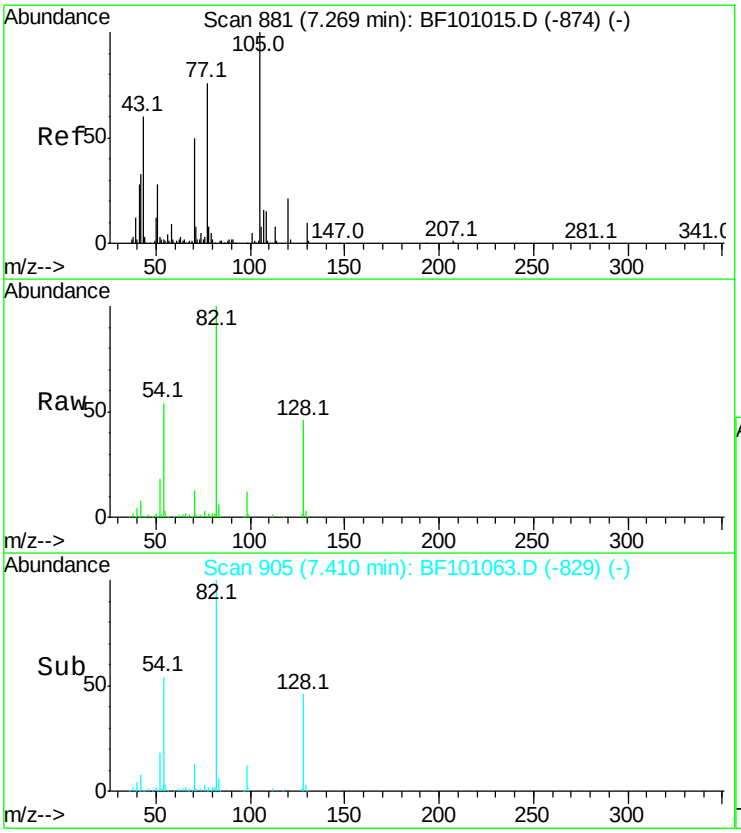
#10
Phenol
Concen: 3.475 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion: 94 Resp: 15228

Ion	Ratio	Lower	Upper
94	100		
65	39.6	7.9	47.9
66	47.5	16.2	56.2

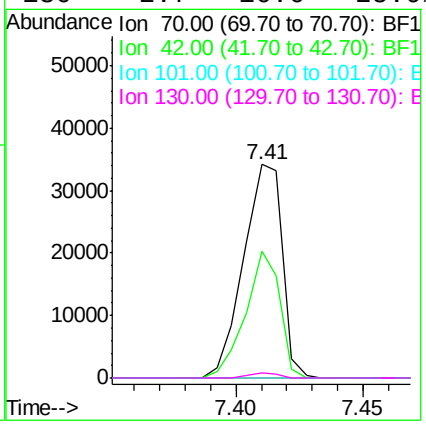


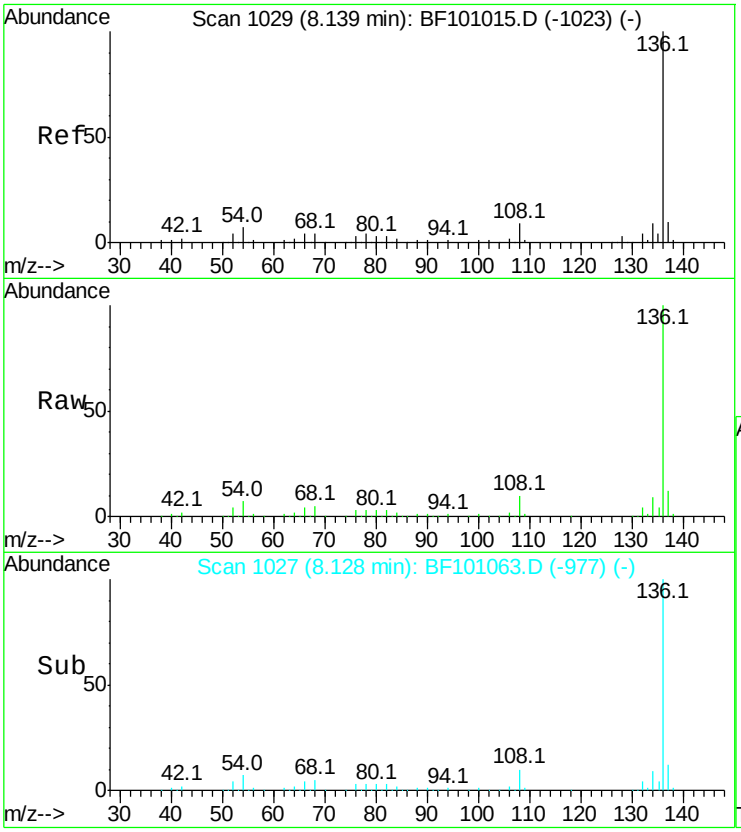


#19
n-Nitroso-di-n-propylamine
Concen: 13.679 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion: 70 Resp: 36310

Ion	Ratio	Lower	Upper
70	100		
42	59.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



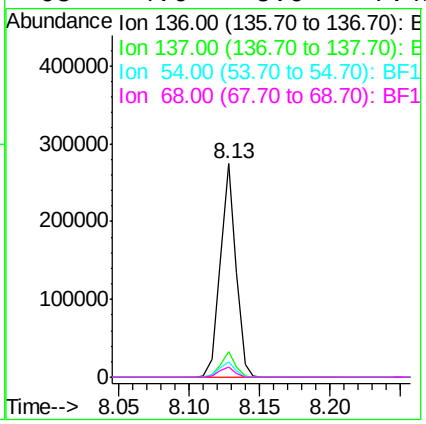


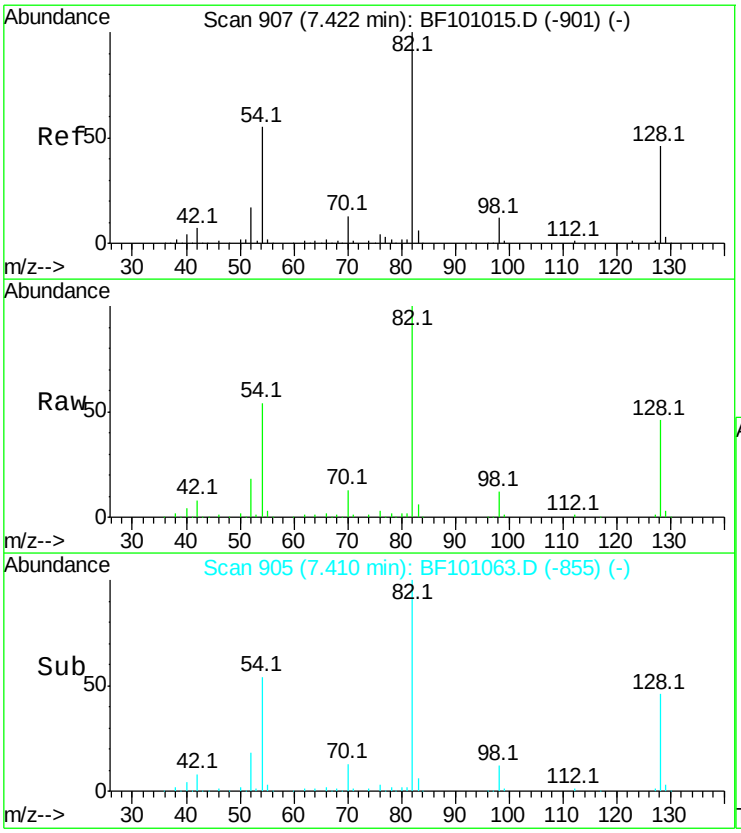
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion:136 Resp: 210984

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	7.0	6.6	9.8
68	4.6	5.0	7.4#

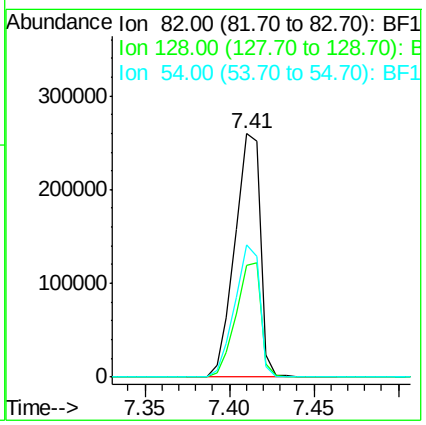


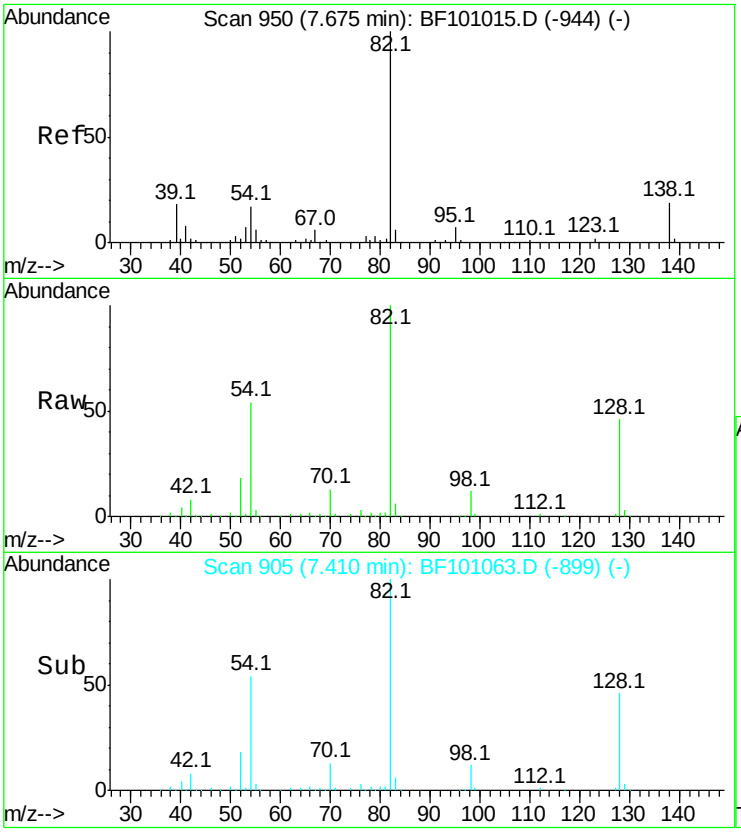


#23
Nitrobenzene-d5
Concen: 77.375 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion: 82 Resp: 273662

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	54.4	41.4	62.2



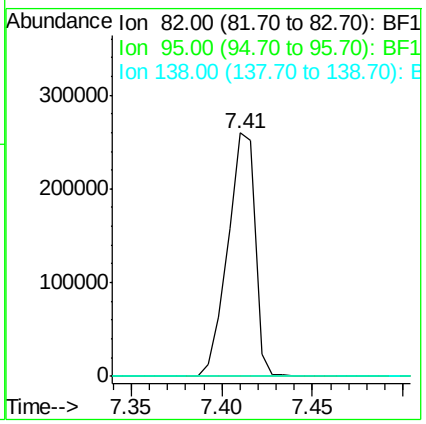


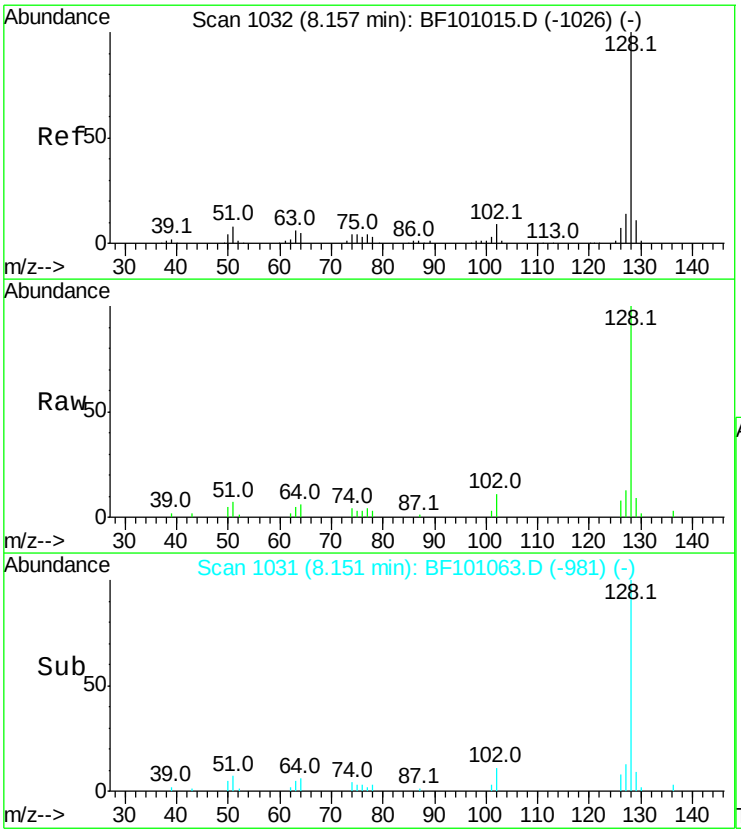
#25
Isophorone
Concen: 45.298 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion: 82 Resp: 273658

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

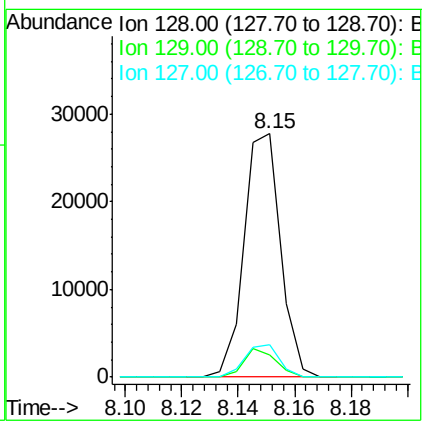


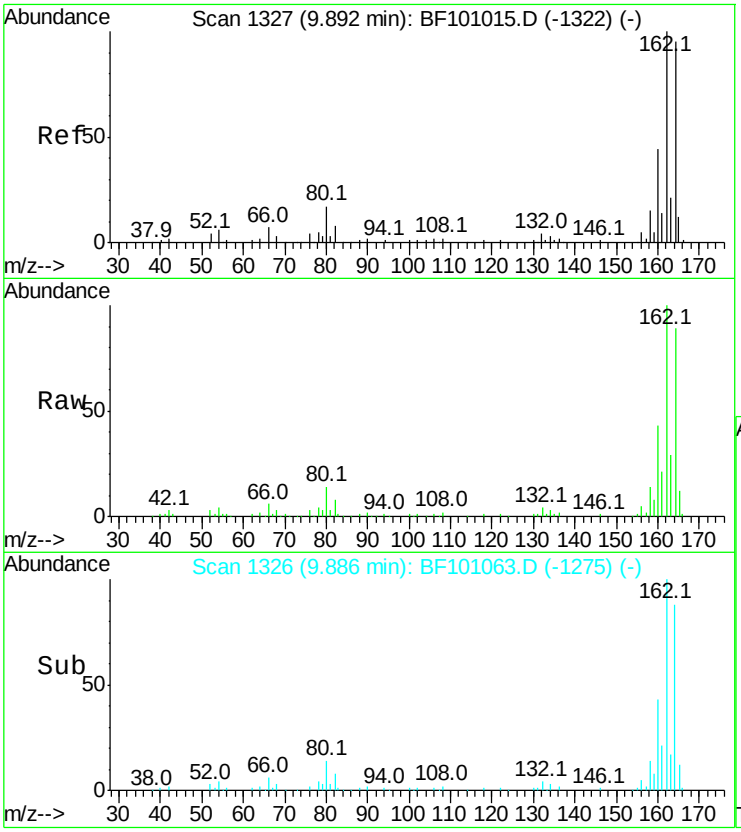


#31
Naphthalene
Concen: 2.390 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:128 Resp: 24849

Ion	Ratio	Lower	Upper
128	100		
129	9.3	8.8	13.2
127	13.3	10.9	16.3



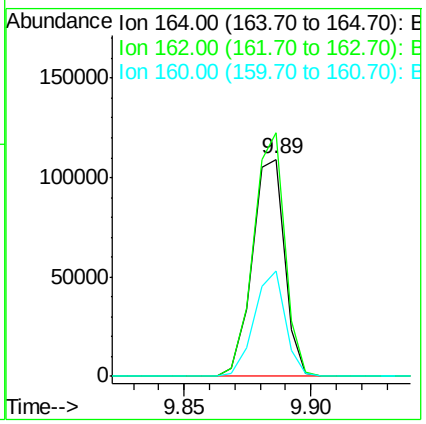


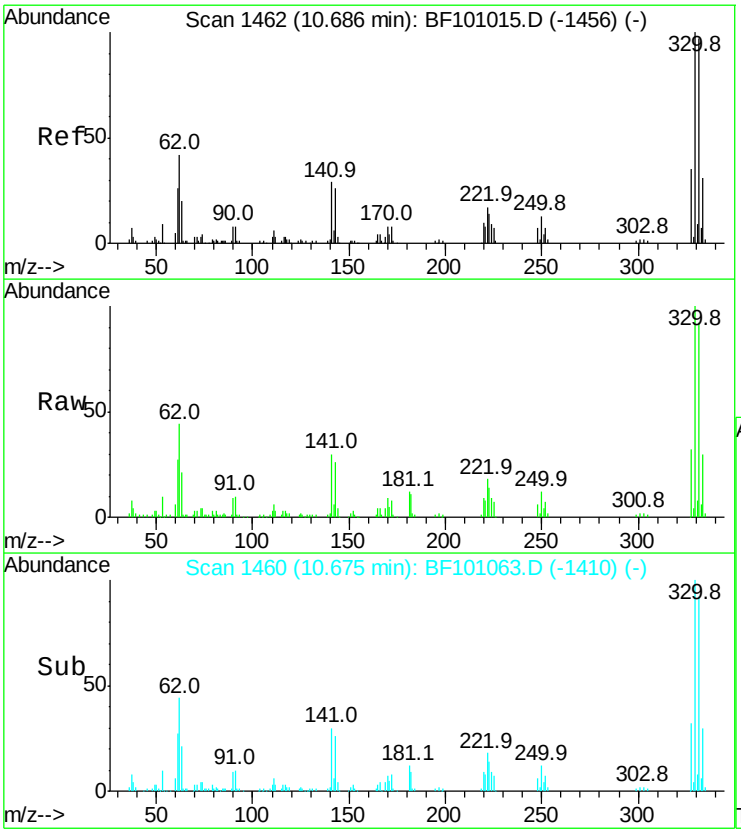
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion:164 Resp: 97895

Ion	Ratio	Lower	Upper
164	100		
162	112.1	86.1	129.1
160	48.6	38.3	57.5

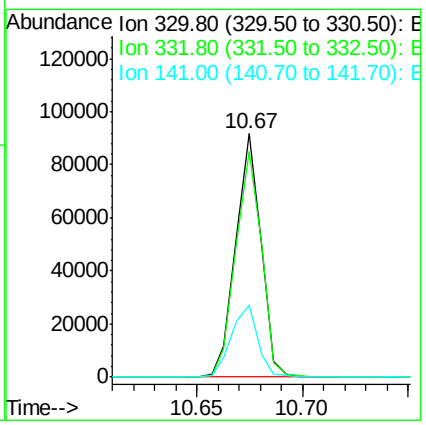


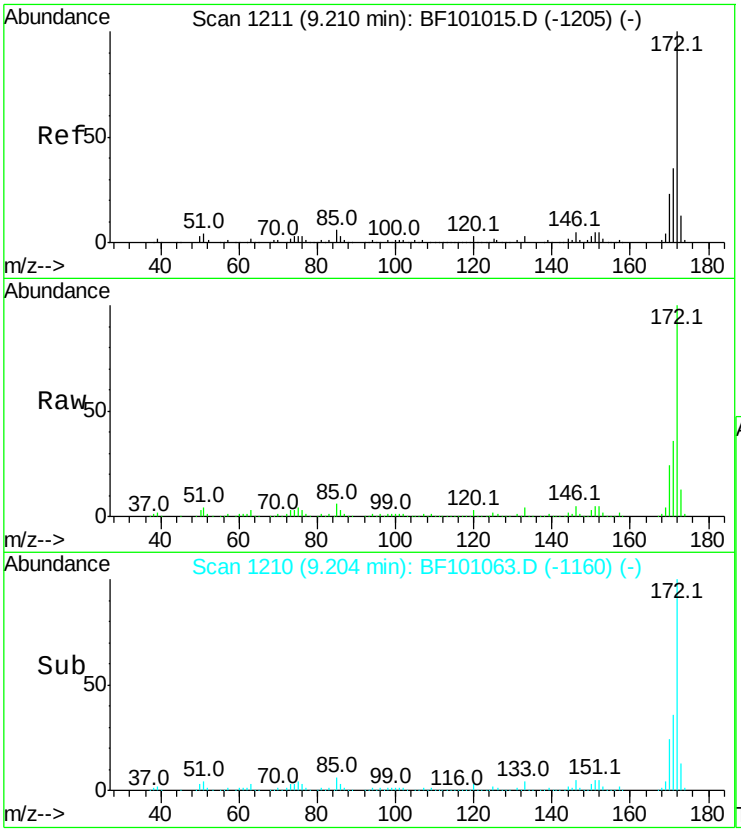


#41
2,4,6-Tribromophenol
Concen: 63.979 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:330 Resp: 75239

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	31.5	29.9	44.9



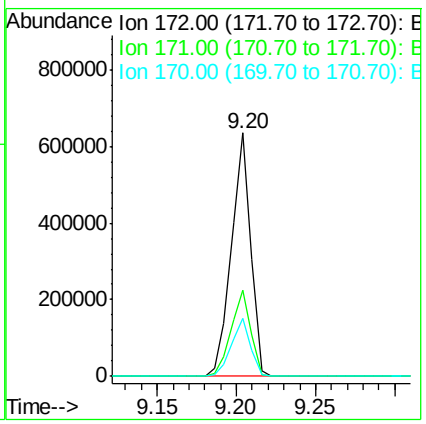


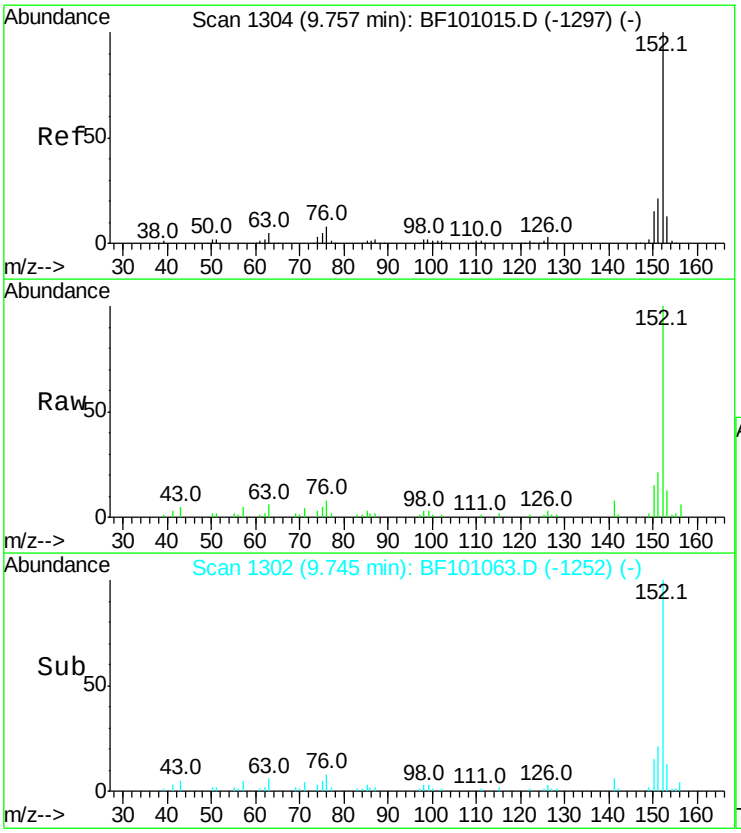
#44
2-Fluorobiphenyl
Concen: 75.034 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion:172 Resp: 536870

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.8	19.6	29.4

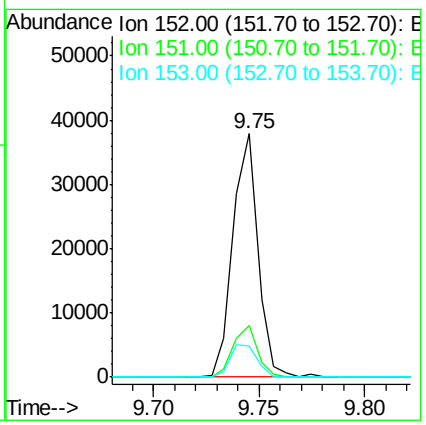


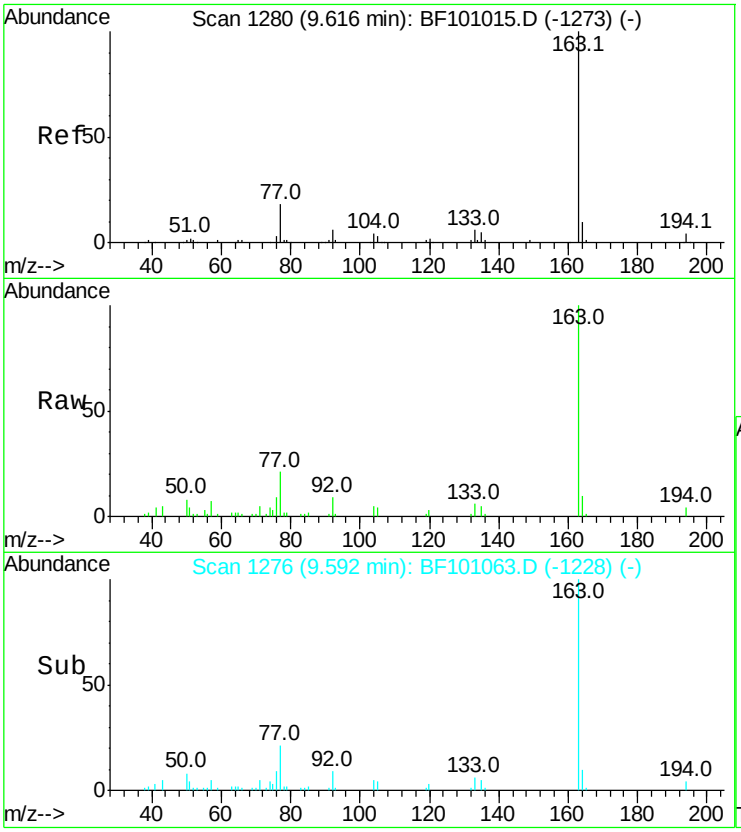


#48
Acenaphthylene
Concen: 2.951 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:152 Resp: 30893

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.3	24.5
153	13.0	10.7	16.1



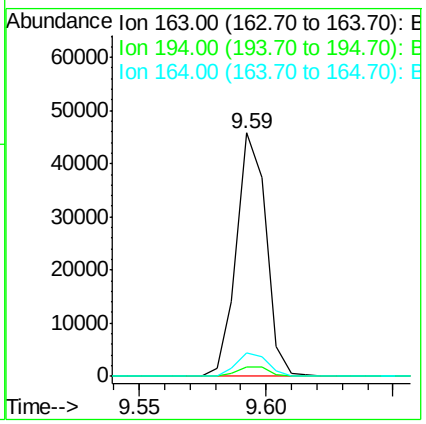


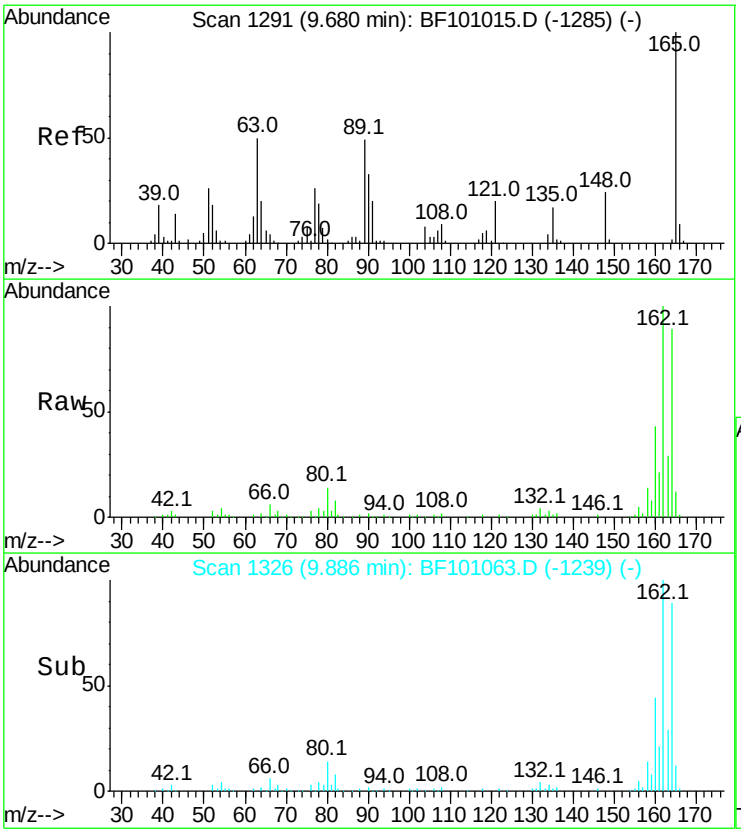
#49
Dimethylphthalate
Concen: 4.693 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion:163 Resp: 37051

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.8	8.2	12.2

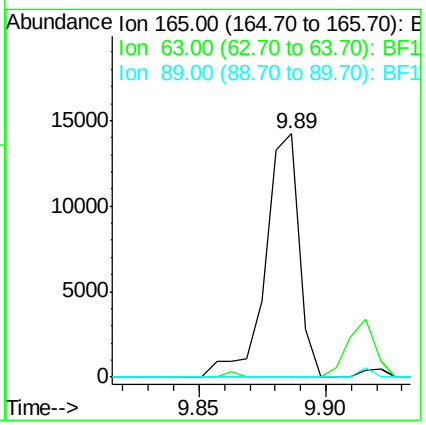


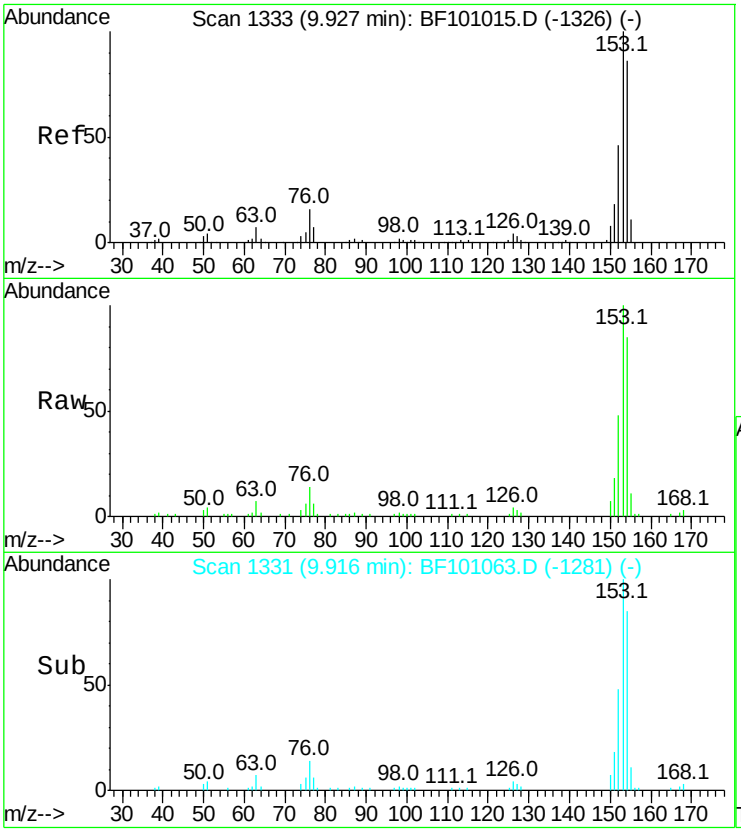


#50
2,6-Dinitrotoluene
Concen: 8.013 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:165 Resp: 13325

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



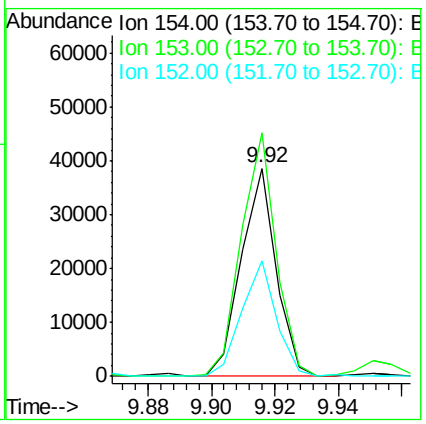


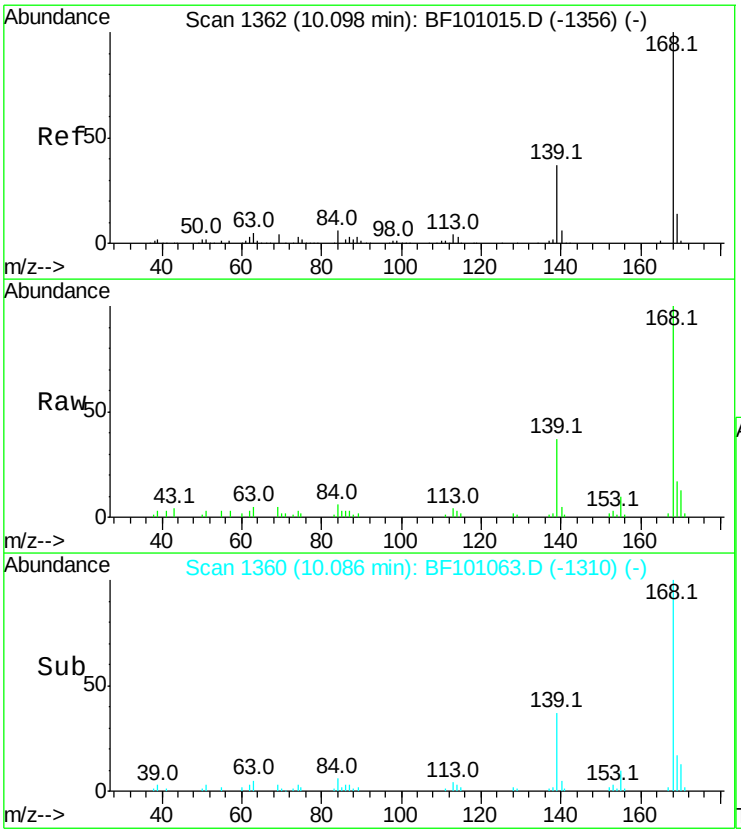
#51
Acenaphthene
Concen: 4.684 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion:154 Resp: 29361

Ion	Ratio	Lower	Upper
154	100		
153	117.0	91.2	136.8
152	55.7	43.8	65.8

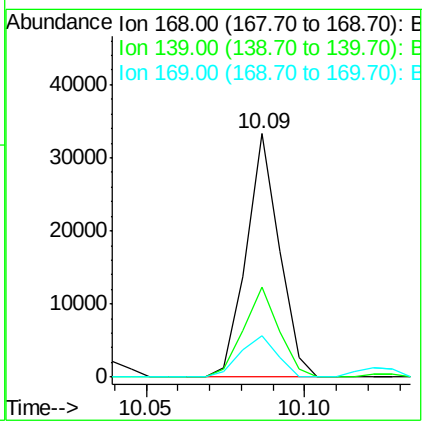


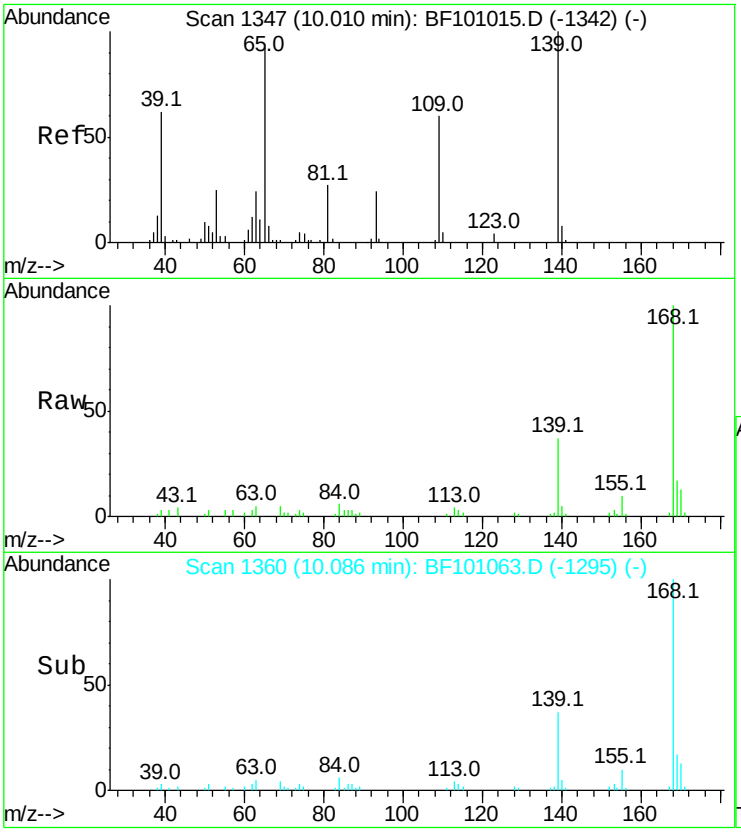


#54
Dibenzofuran
Concen: 2.664 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:168 Resp: 24067

Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.1	45.1
169	17.2	10.9	16.3#



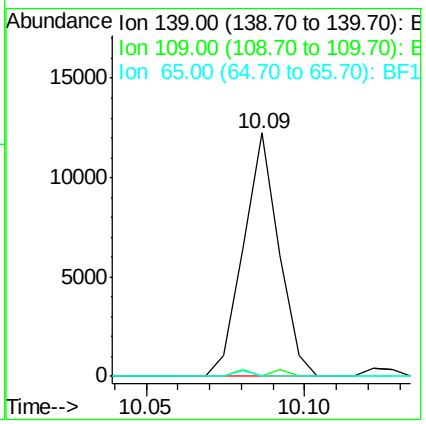


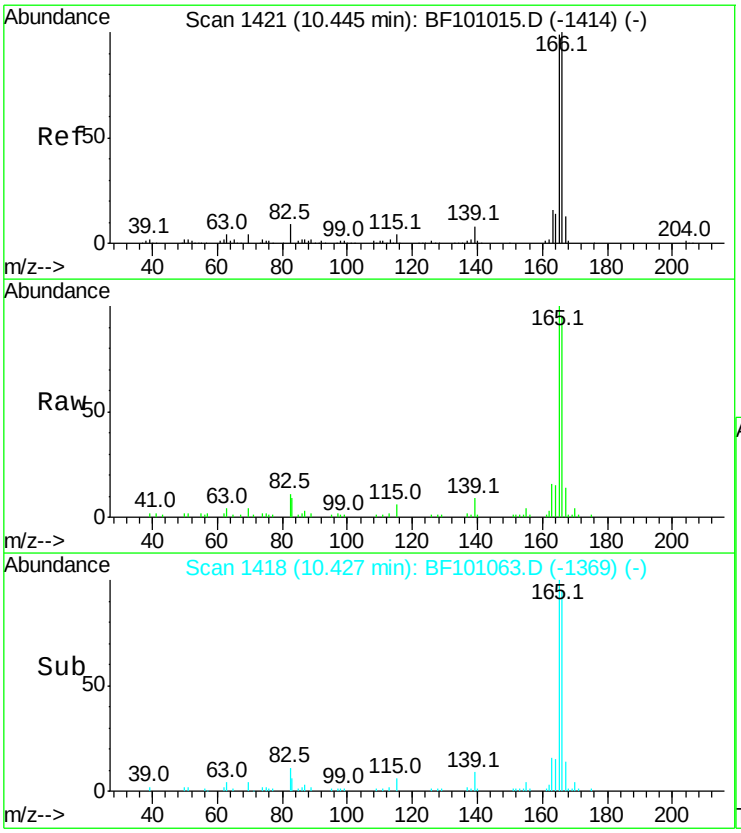
#55
4-Nitrophenol
Concen: 7.515 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.08 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion:139 Resp: 9478

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

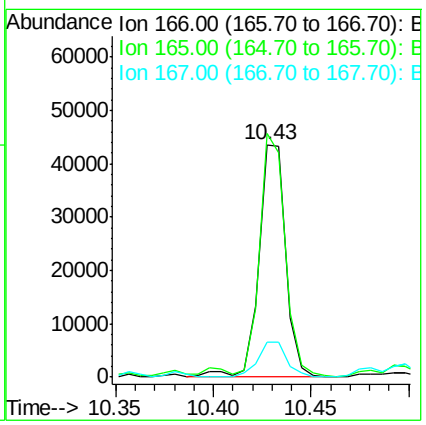


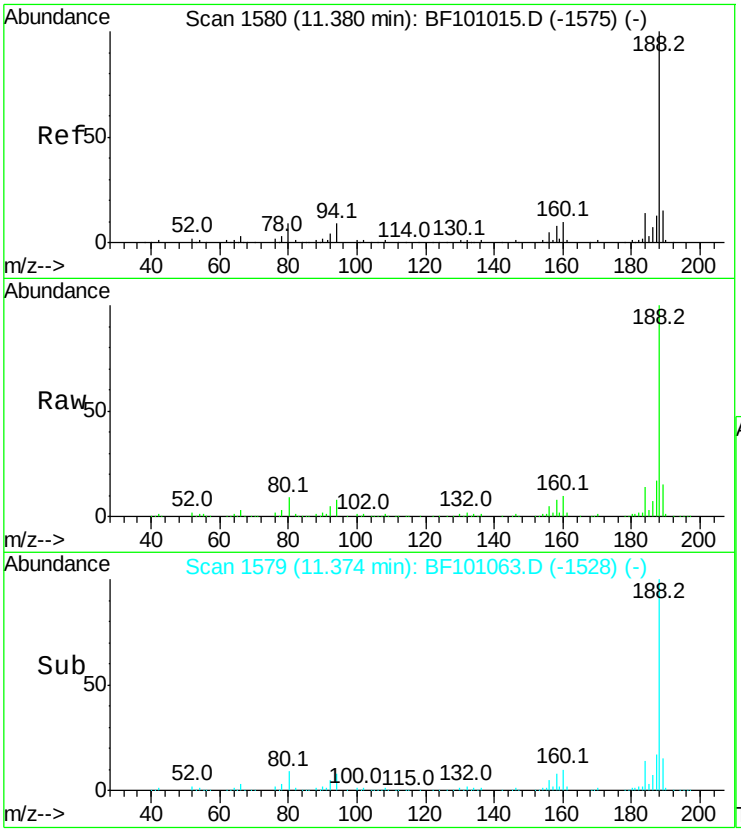


#57
Fluorene
Concen: 5.628 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:166 Resp: 41329

Ion	Ratio	Lower	Upper
166	100		
165	104.7	79.8	119.8
167	15.1	10.6	16.0



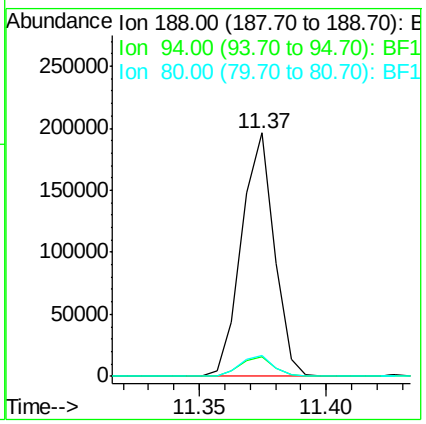


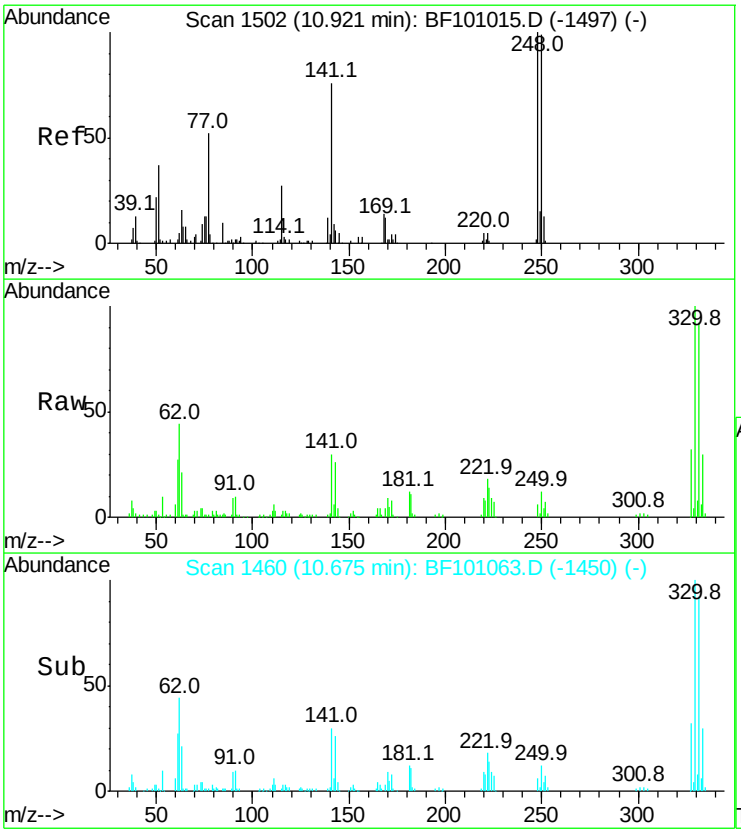
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion:188 Resp: 176180

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.7	9.2	13.8#

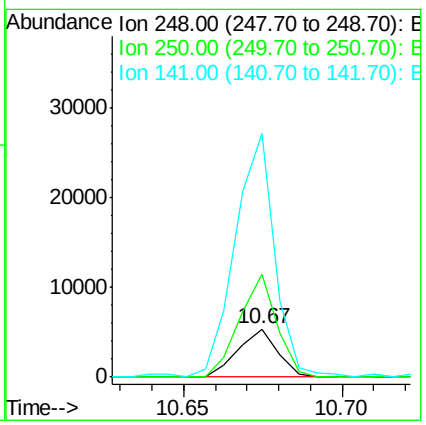


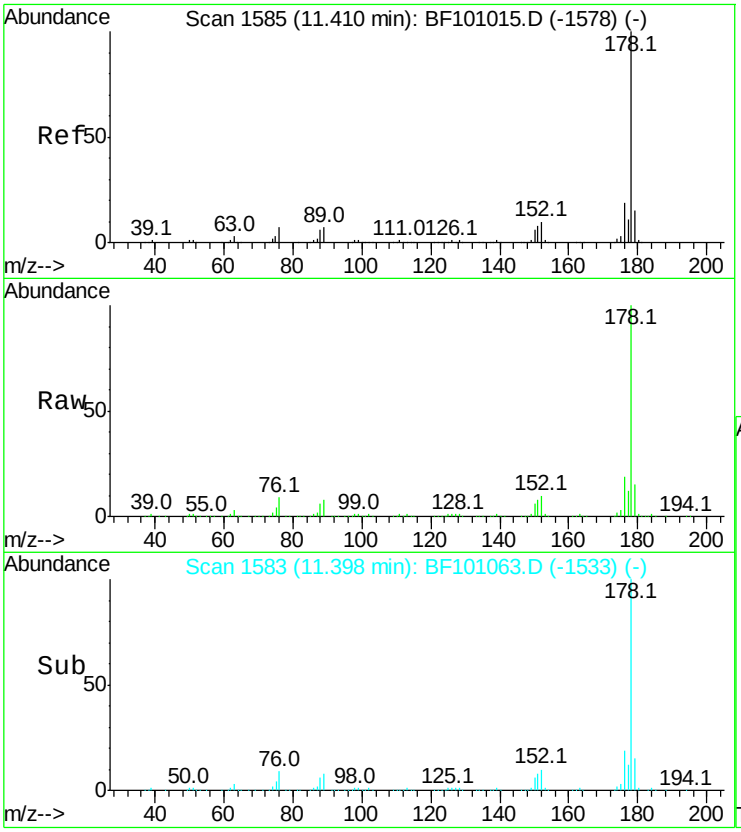


#66
4-Bromophenyl-phenylether
Concen: 2.337 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:248 Resp: 4609

Ion	Ratio	Lower	Upper
248	100		
250	214.8	76.9	115.3#
141	507.9	74.4	111.6#



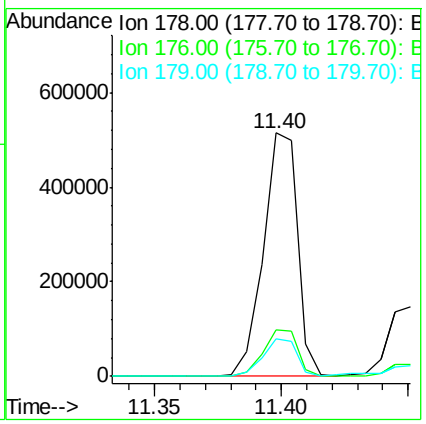


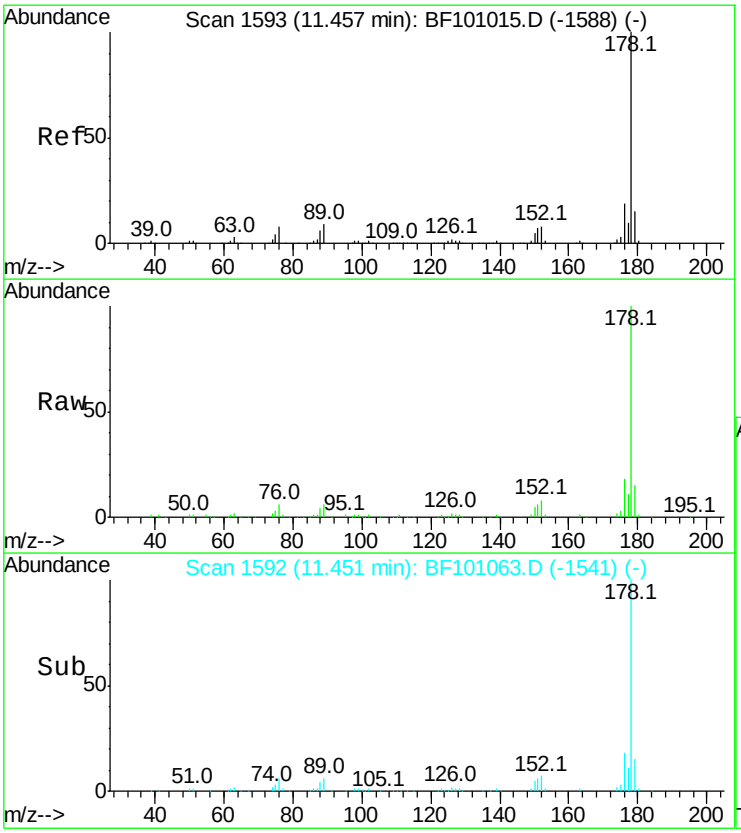
#70
Phenanthrene
Concen: 50.247 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion:178 Resp: 487502

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.5	13.0	19.6

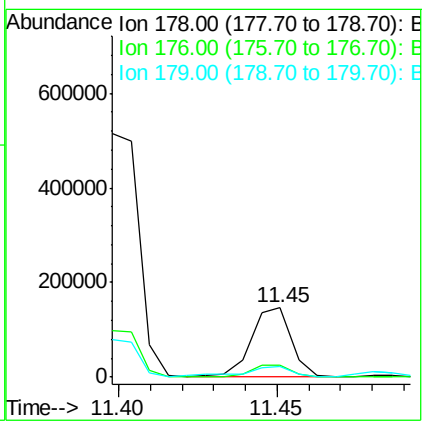


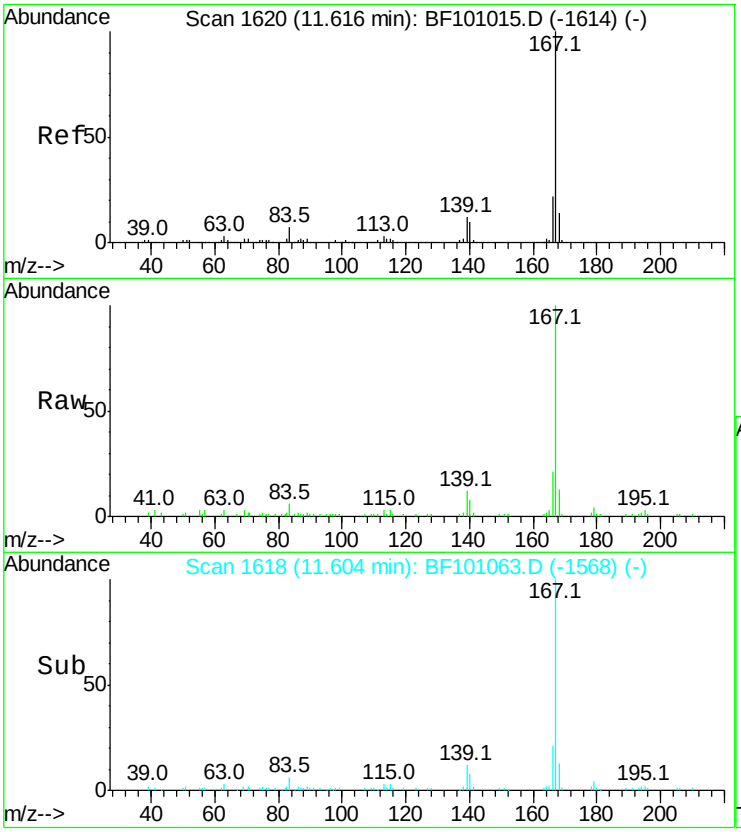


#71
Anthracene
Concen: 12.879 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:178 Resp: 126460

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.1	12.6	19.0



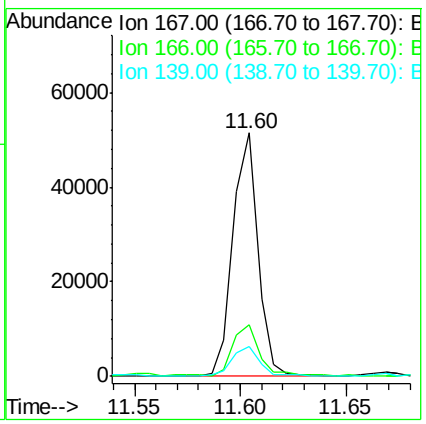


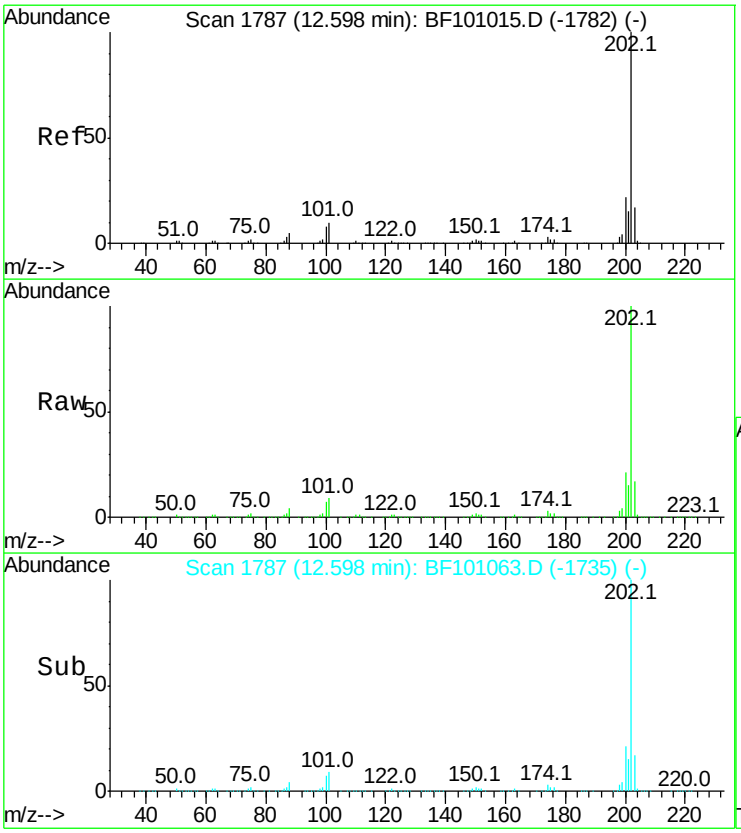
#72
Carbazole
Concen: 4.671 ng
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion:167 Resp: 41905

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.6	26.4
139	12.1	10.9	16.3

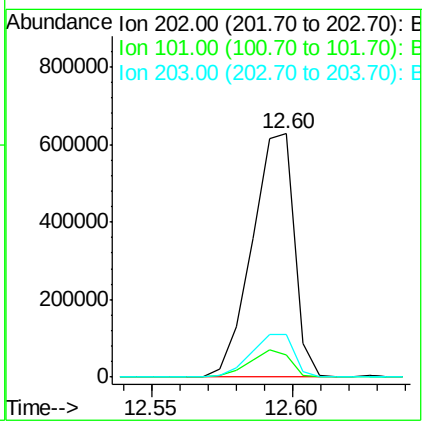


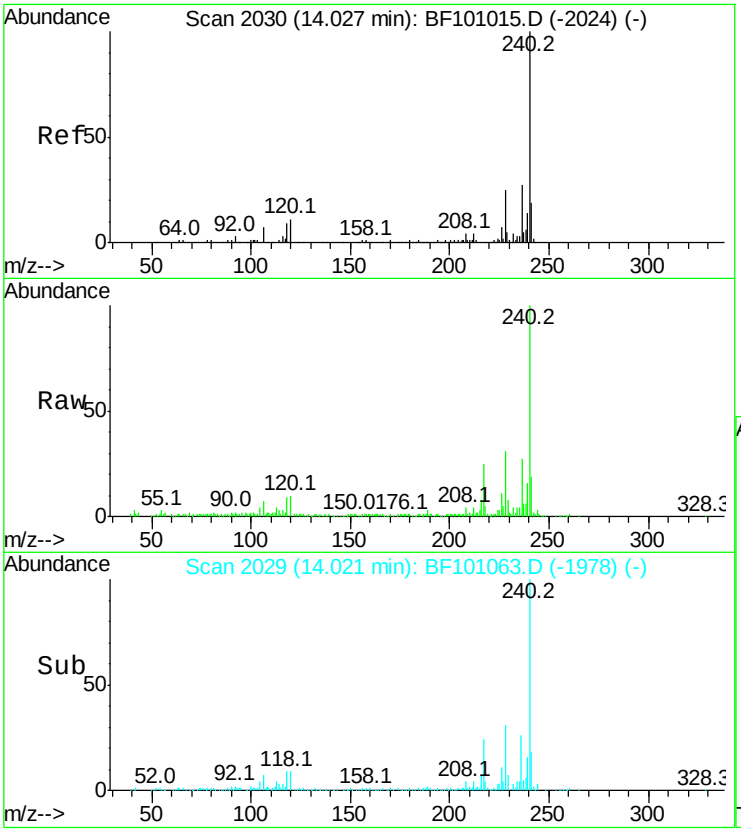


#74
Fluoranthene
Concen: 60.406 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:202 Resp: 649647

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	34.1
203	17.5	0.0	38.1



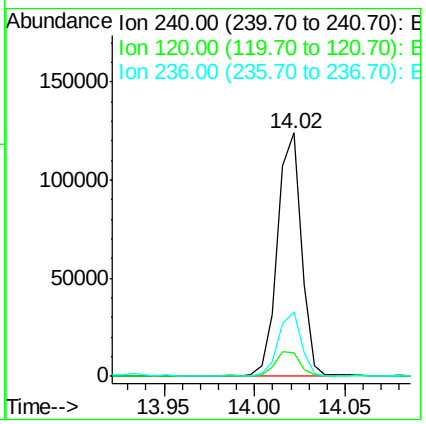


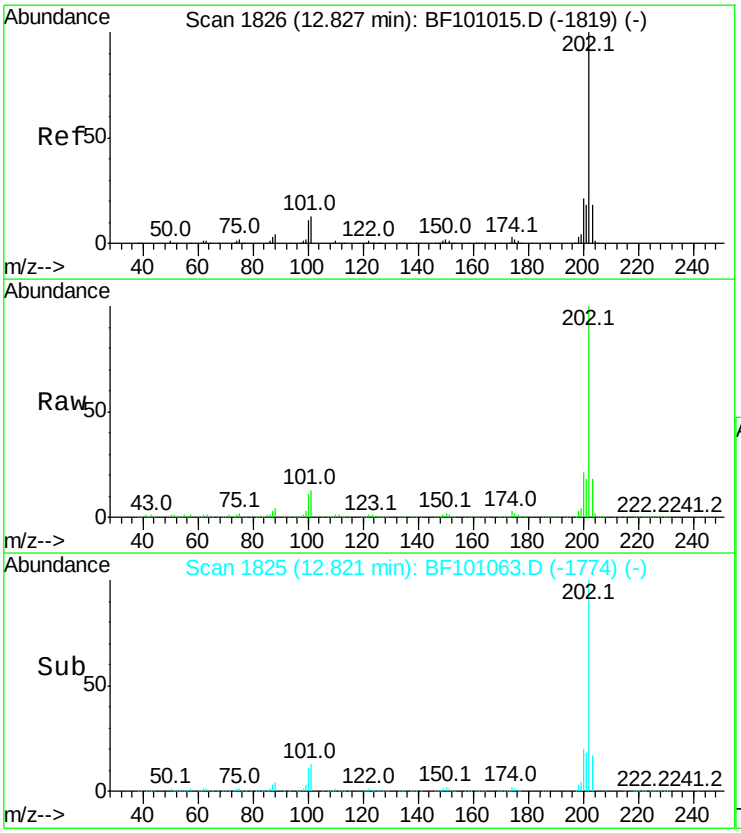
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion:240 Resp: 114588

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3#
236	26.6	20.7	31.1

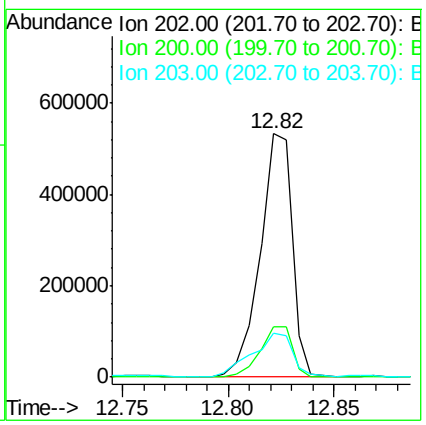


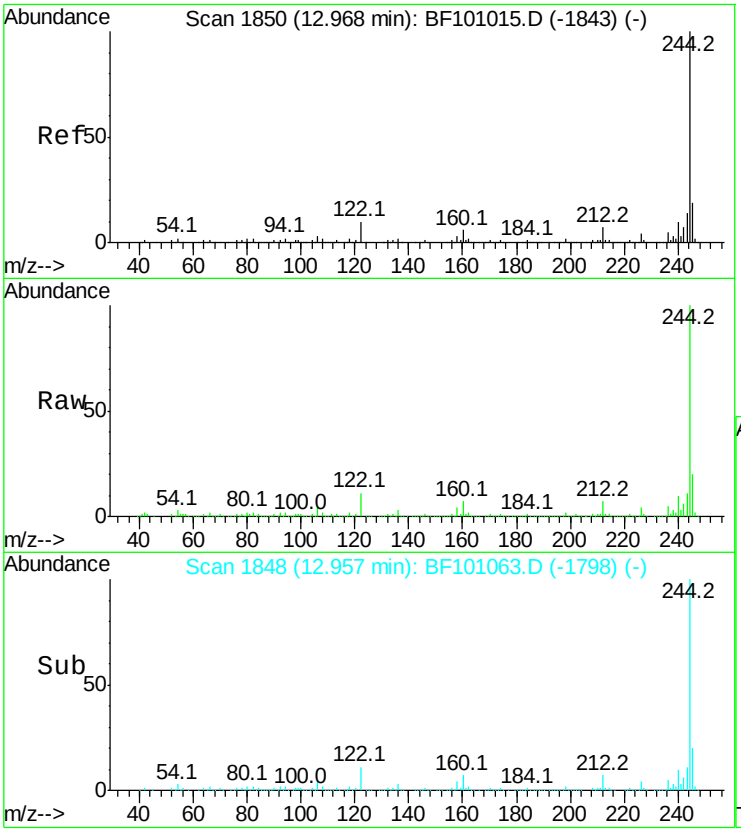


#77
Pyrene
Concen: 71.162 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:202 Resp: 562675

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.8	14.3	21.5



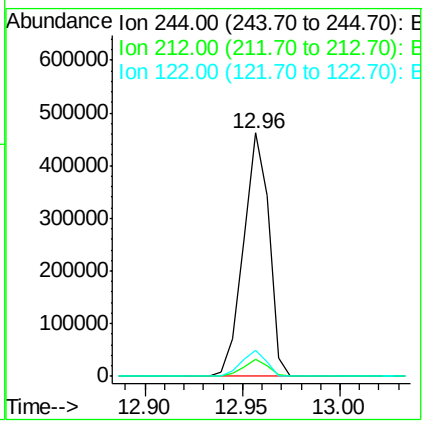


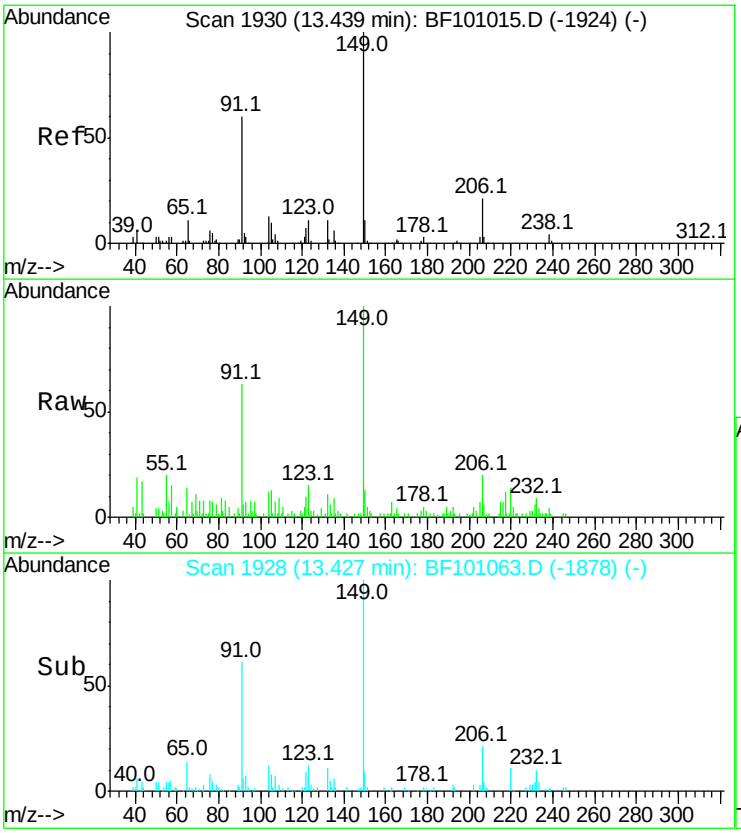
#78
Terphenyl-d14
Concen: 79.574 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion:244 Resp: 416878

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.7	11.0	16.4#

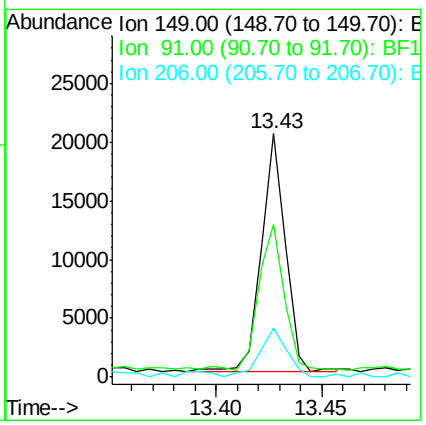


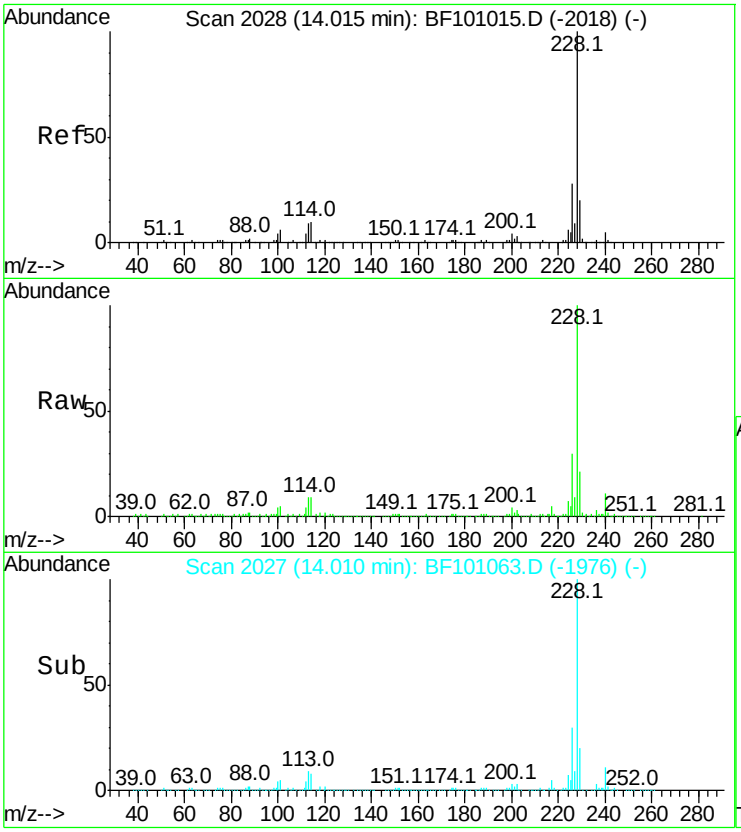


#79
Butylbenzylphthalate
Concen: 4.641 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:149 Resp: 16178

Ion	Ratio	Lower	Upper
149	100		
91	62.6	56.8	85.2
206	20.2	14.1	21.1



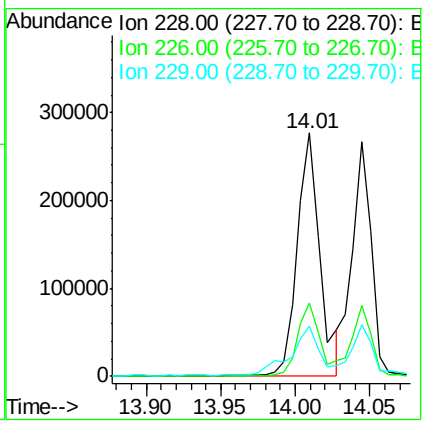


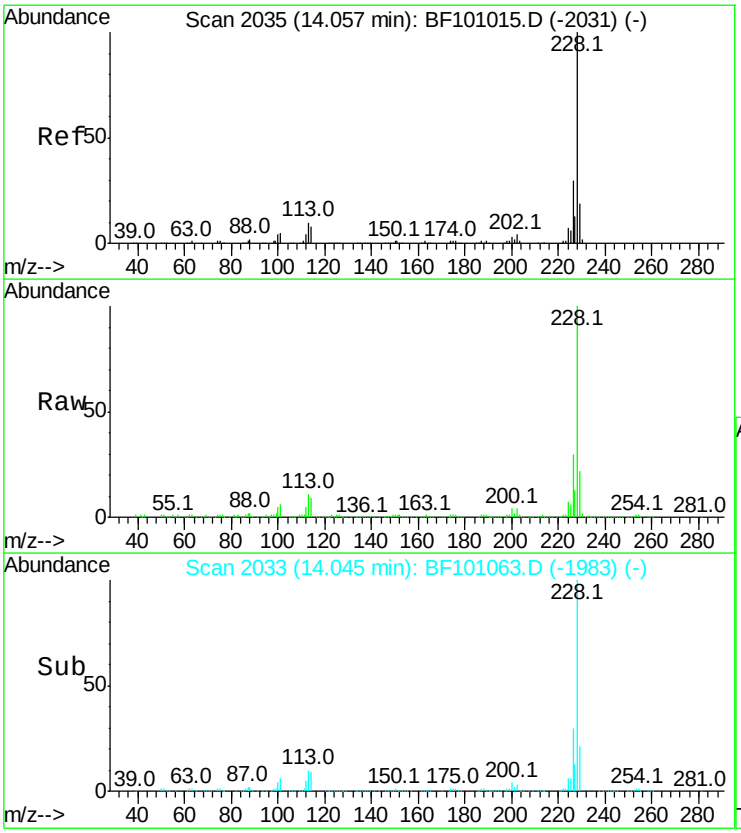
#80
Benzo(a)anthracene
Concen: 40.700 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion:228 Resp: 294461

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	20.8	15.8	23.6

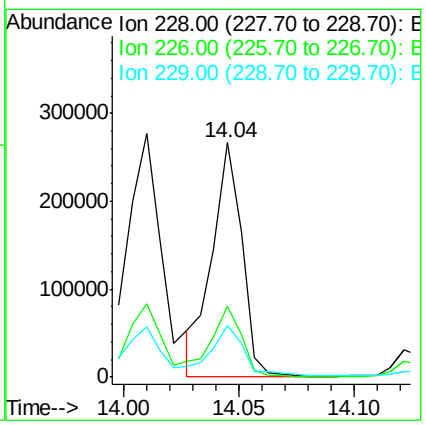


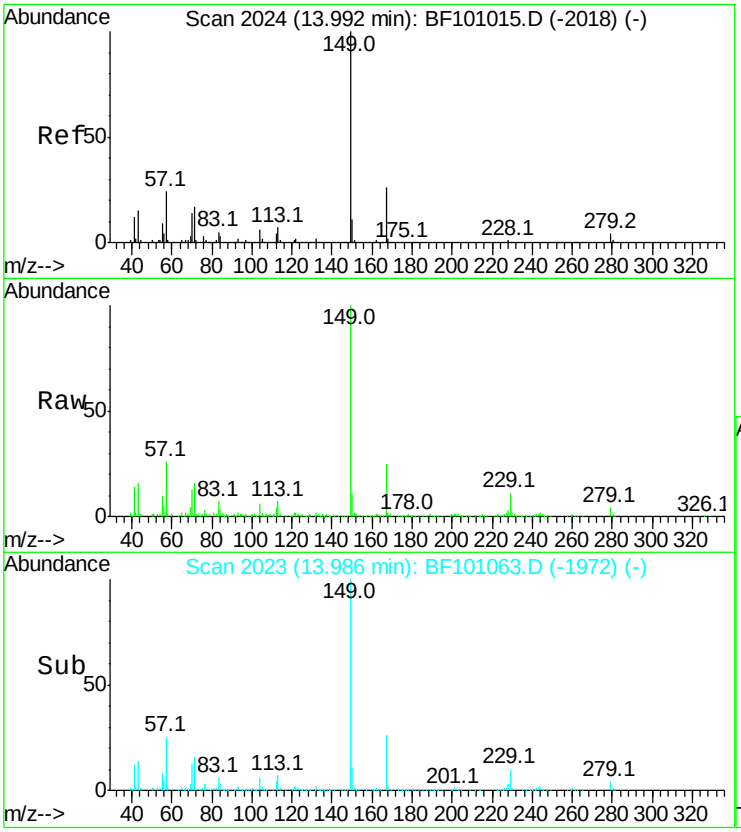


#82
Chrysene
Concen: 35.353 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:228 Resp: 237546

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.1	16.2	24.4



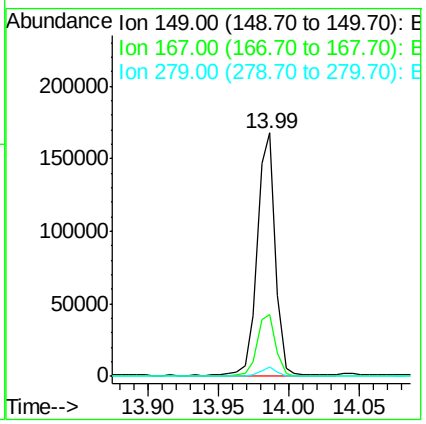


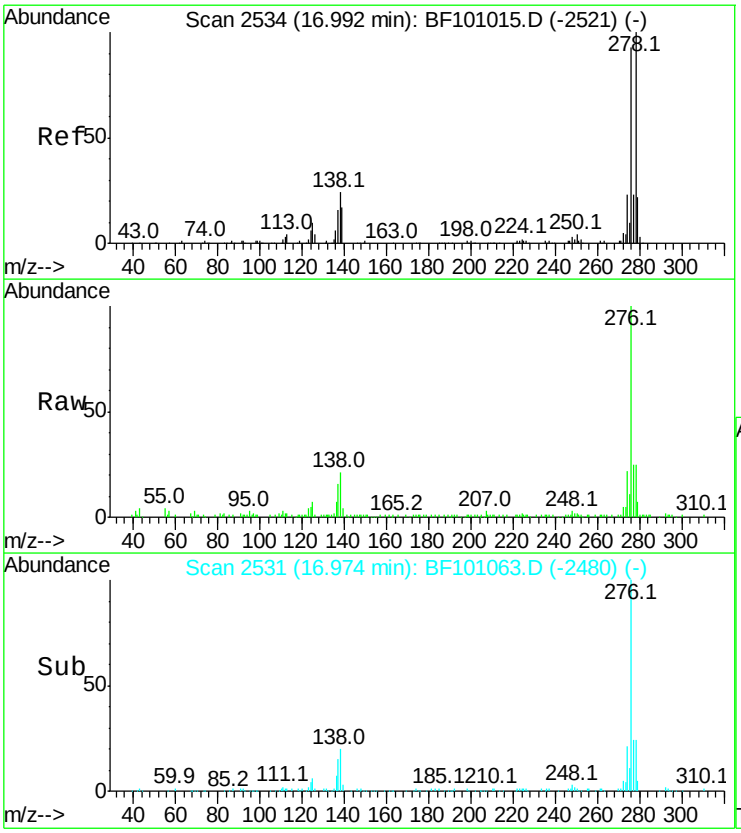
#83
Bis(2-ethylhexyl)phthalate
Concen: 30.497 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion:149 Resp: 151590

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.3	31.9
279	3.8	3.0	4.4

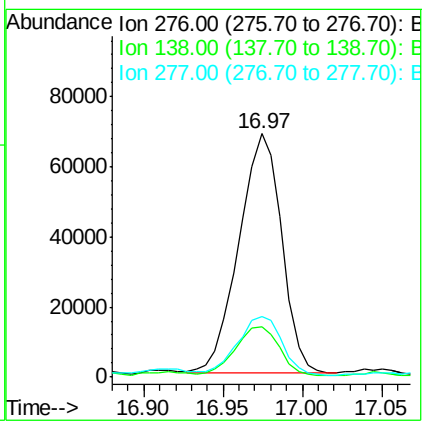


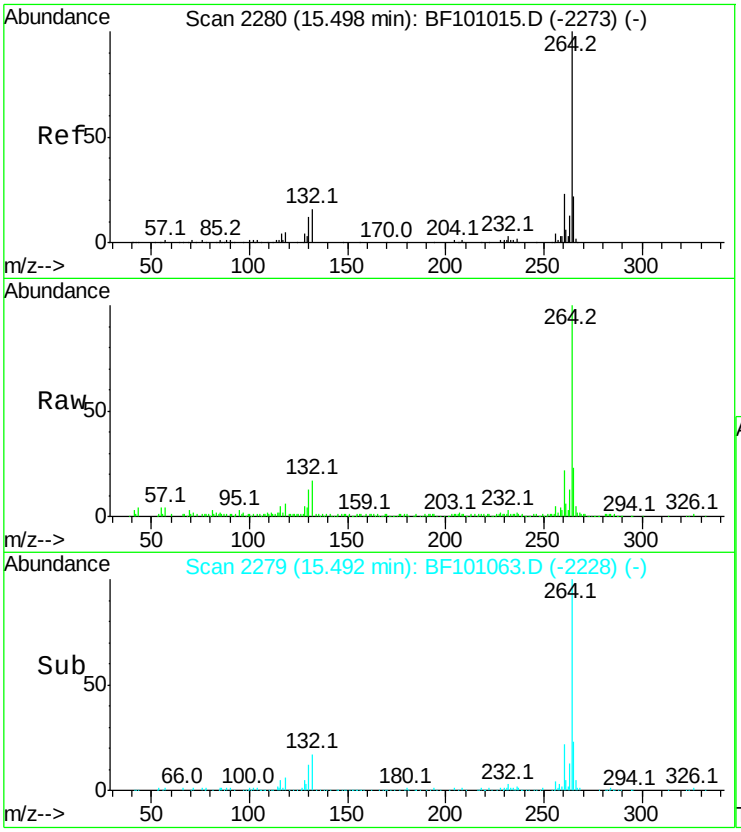


#85
Indeno(1,2,3-cd)pyrene
Concen: 21.343 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:276 Resp: 127497

Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	25.5	20.1	30.1



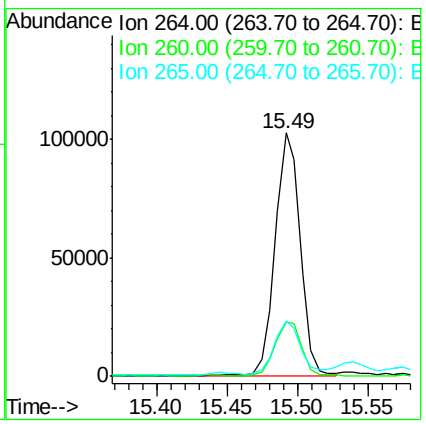


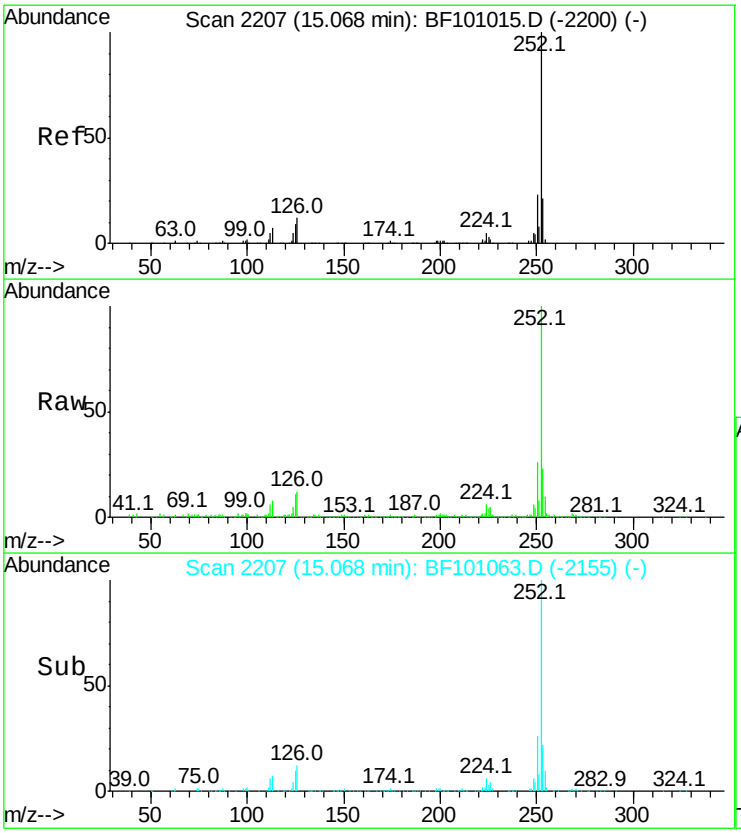
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion:264 Resp: 128080

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	22.9	17.5	26.3

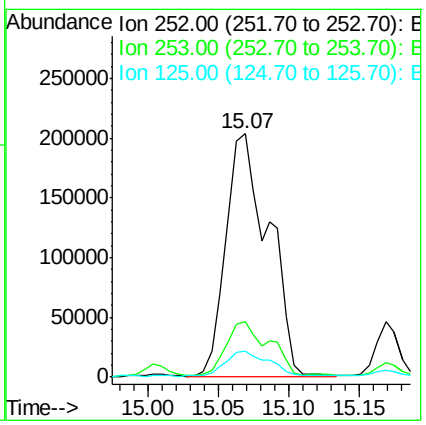


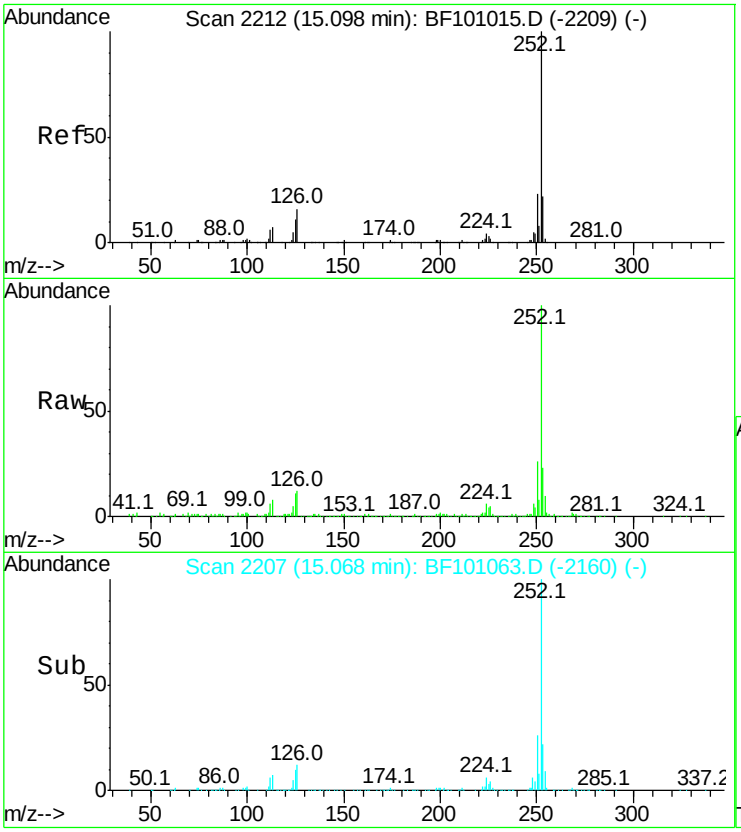


#87
Benzo(b)fluoranthene
Concen: 56.193 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:252 Resp: 431093

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	10.7	9.0	13.6



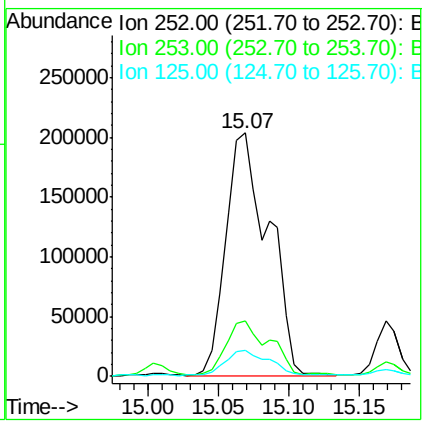


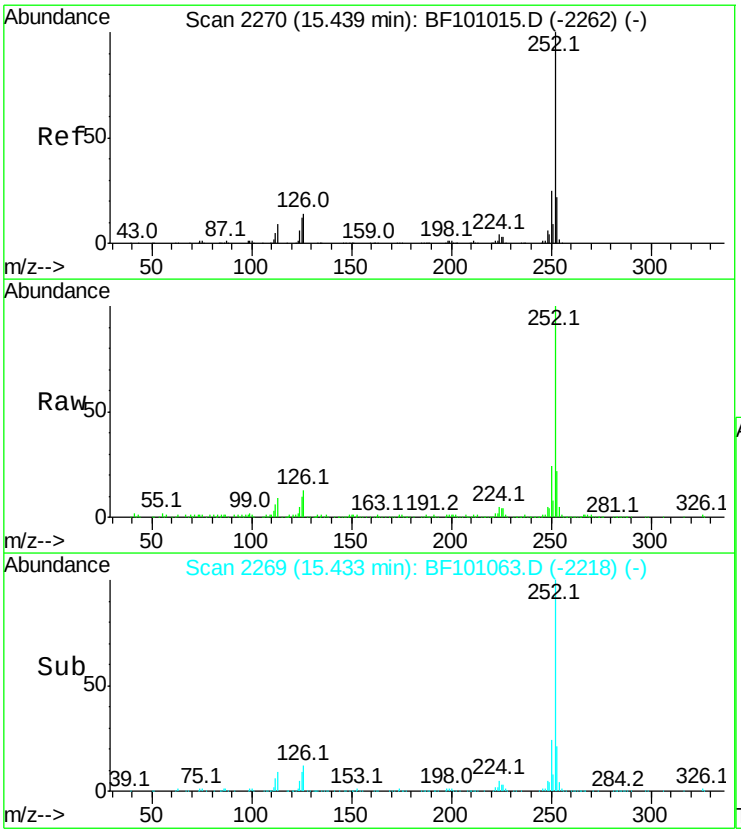
#88
Benzo(k)fluoranthene
Concen: 57.036 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion:252 Resp: 431093

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.7	10.2	15.2

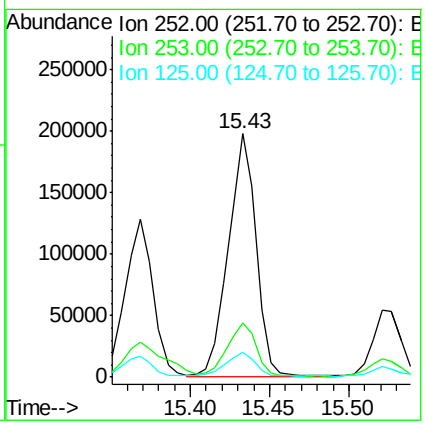


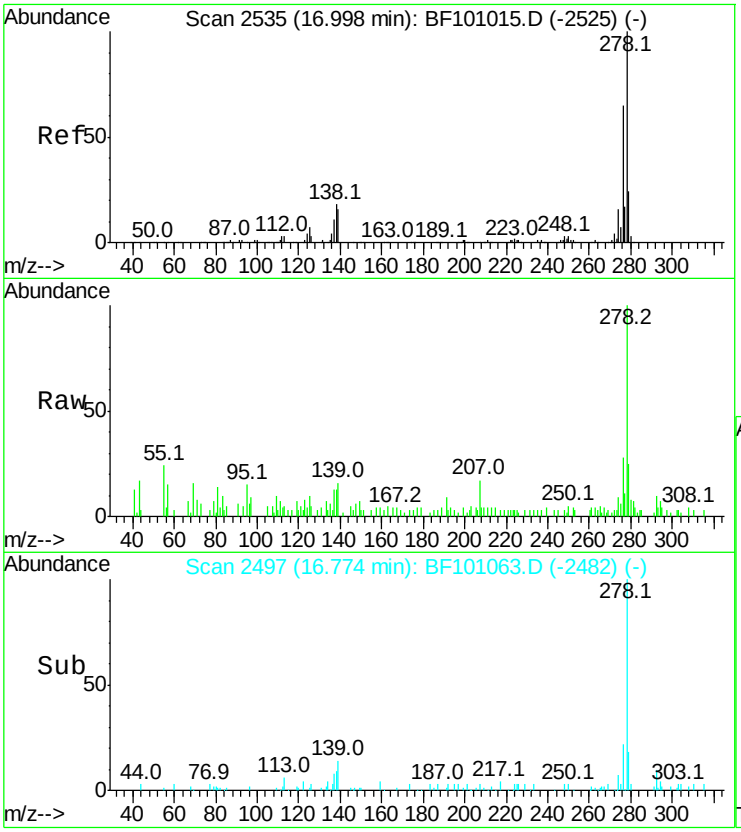


#89
Benzo(a)pyrene
Concen: 33.989 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:252 Resp: 237058

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	10.0	9.8	14.6



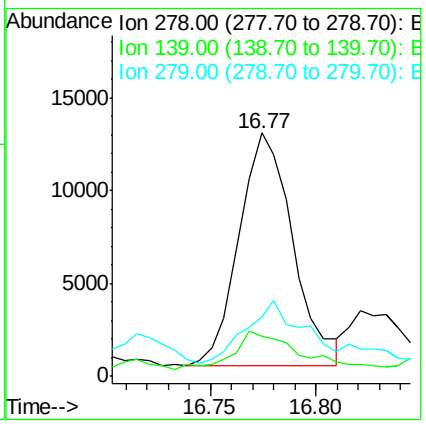


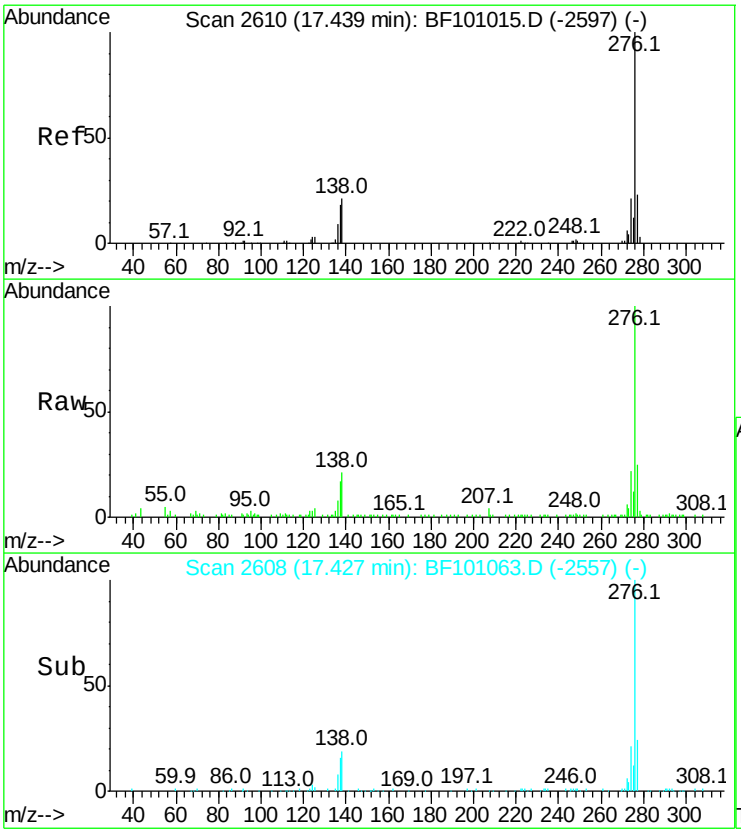
#90
Dibenzo(a,h)anthracene
Concen: 3.650 ng
RT: 16.77 min Scan# 2497
Delta R.T. -0.21 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)-20171127

Tgt Ion:278 Resp: 22444

Ion	Ratio	Lower	Upper
278	100		
139	16.5	15.9	23.9
279	24.6	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 20.226 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BF101063.D
Acq: 1 Dec 2017 15:17

Tgt Ion:276 Resp: 117200

Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	20.9	21.8	32.8#