Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121517\
Data File : BF101445.D
Acq On : 15 Dec 2017 16:17
Operator : SJ/JU
Sample : I6841-01 30X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 15 17:38:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 17:36:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	197014	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	784944	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	365117	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	672801	20.00	ng		0.00
75) Chrysene-d12	13.99	240	444119	20.00	ng		0.00
86) Perylene-d12	15.46	264	419926	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	2994	0.23	ng		0.10
7) Phenol-d6	6.52	99	4750	0.29	ng		0.06
23) Nitrobenzene-d5	7.42	82	3042	0.22	ng		0.03
41) 2,4,6-Tribromophenol	10.66	330	848	0.24	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	7007	0.30	ng		0.00
78) Terphenyl-d14	12.92	244	7551	0.41	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.12	128	1974081	49.955	ng		99
32) Benzoic acid	8.12	122	4839	8.487	ng	#	1
33) 4-Chloroaniline	8.12	127	269067	15.666	ng	#	35
35) Caprolactam	8.81	113	10668	2.730	ng	#	1
37) 2-Methylnaphthalene	8.81	142	469179	18.223	ng		98
45) 1,1'-Biphenyl	9.27	154	123507	3.814	ng		97
48) Acenaphthylene	9.72	152	167210	4.273	ng		99
50) 2,6-Dinitrotoluene	9.85	165	57989	9.715	ng	#	26
51) Acenaphthene	9.89	154	183739	7.815	ng		99
53) 2,4-Dinitrophenol	10.21	184	153	10.384	ng	#	65
54) Dibenzofuran	10.06	168	253463	8.483	ng		98
55) 4-Nitrophenol	10.06	139	98390	30.321	ng	#	10
57) Fluorene	10.40	166	407928	16.139	ng		98
70) Phenanthrene	11.37	178	1425793	38.107	ng		99
71) Anthracene	11.42	178	441564	11.554	ng		99
72) Carbazole	11.58	167	142987	3.996	ng		99
74) Fluoranthene	12.56	202	967657	24.639	ng		99
77) Pyrene	12.79	202	935794	28.076	ng		99
80) Benzo(a)anthracene	13.98	228	374977	12.787	ng		98
82) Chrysene	14.02	228	331151	11.960	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	49969	2.616	ng		99
85) Indeno(1,2,3-cd)pyrene	16.94	276	130105	5.277	ng	#	93
87) Benzo(b)fluoranthene	15.04	252	396728	15.500	ng		97
88) Benzo(k)fluoranthene	15.04	252	396728	15.942	ng		100
89) Benzo(a)pyrene	15.40	252	262826	11.139	ng		98
91) Benzo(g,h,i)perylene	17.39	276	128673	6.414	ng		97

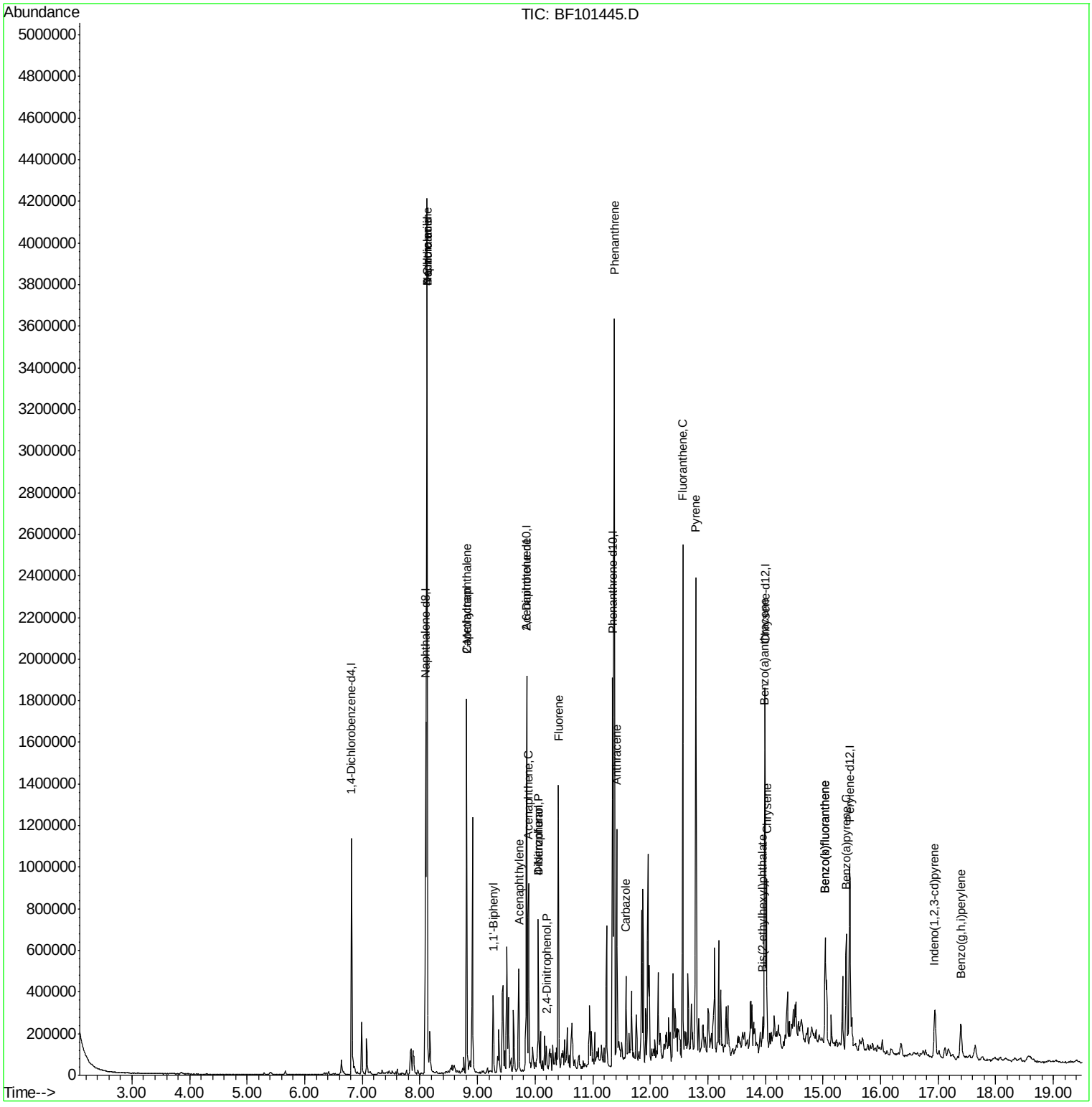
(#) = qualifier out of range (m) = manual integration (+) = signals summed

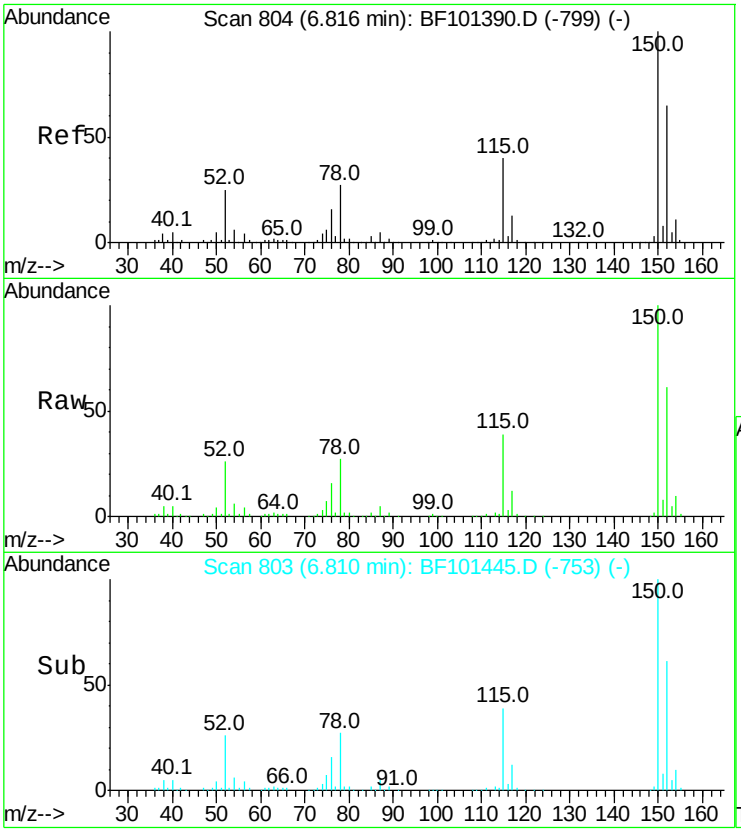
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121517\
Data File : BF101445.D
Acq On : 15 Dec 2017 16:17
Operator : SJ/JU
Sample : I6841-01 30X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 15 17:38:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 17:36:17 2017
Response via : Initial Calibration



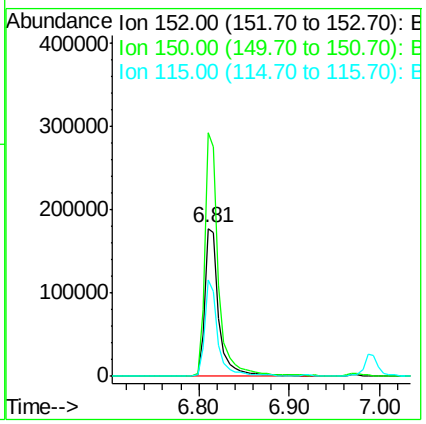


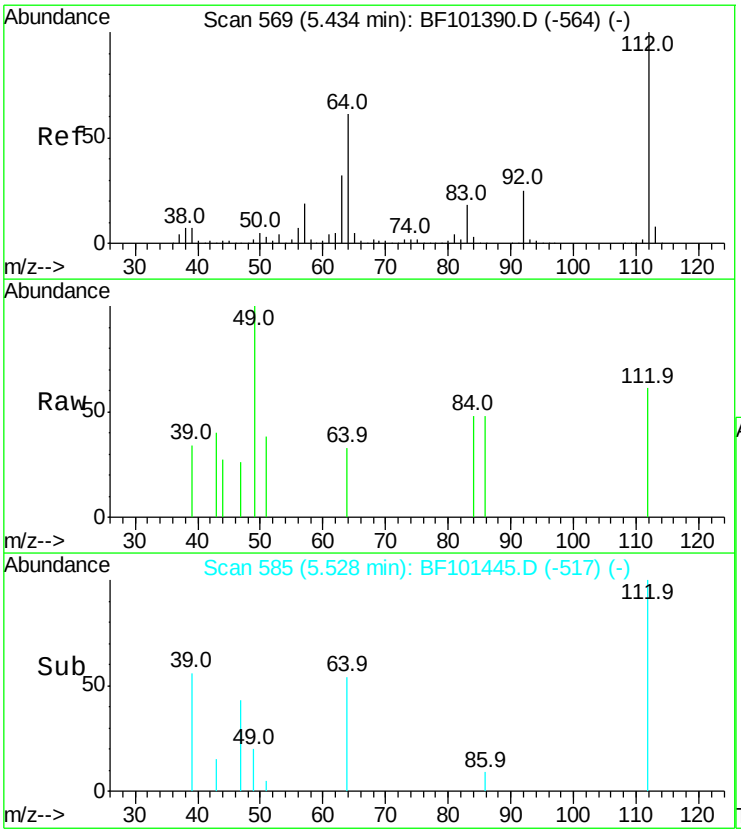
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 197014

Ion	Ratio	Lower	Upper
152	100		
150	164.3	124.6	186.8
115	64.8	50.1	75.1

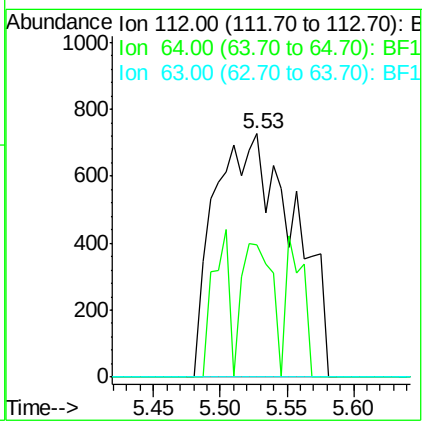


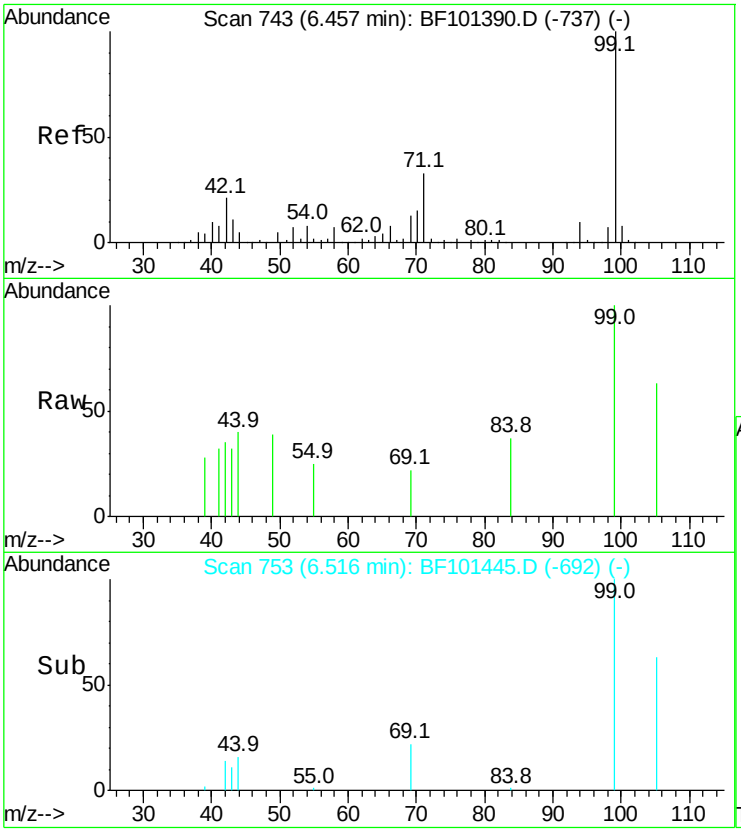


#5
2-Fluorophenol
Concen: 0.226 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.10 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:112 Resp: 2994

Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	0.0	23.7	35.5#



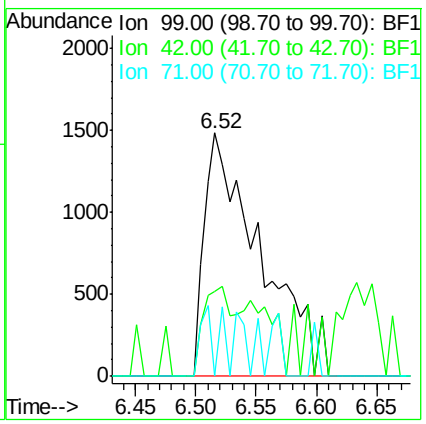


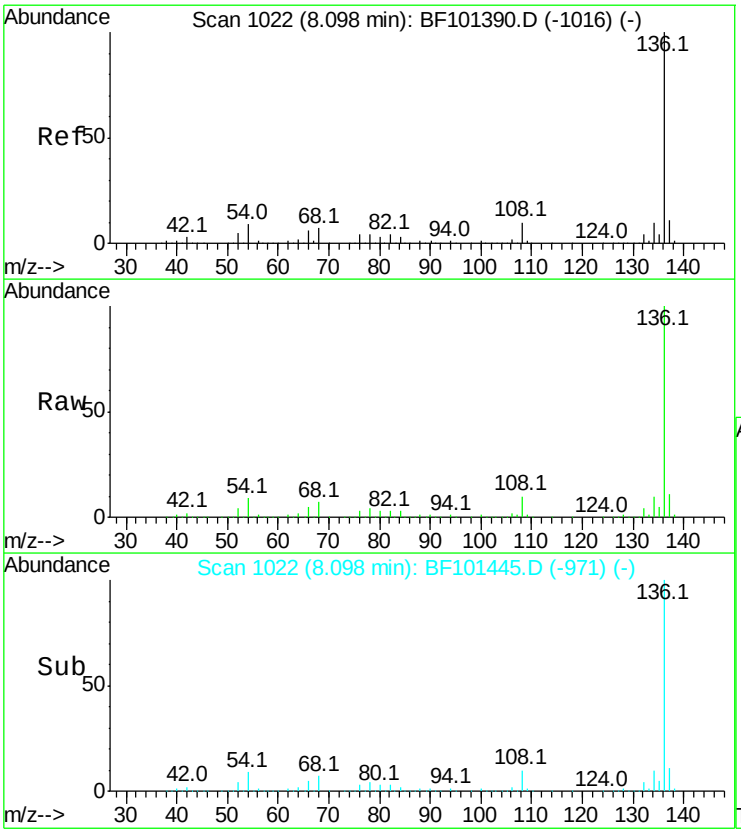
#7
Phenol-d6
Concen: 0.289 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.06 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 4750

Ion	Ratio	Lower	Upper
99	100		
42	35.1	14.5	21.7#
71	0.0	25.4	38.0#

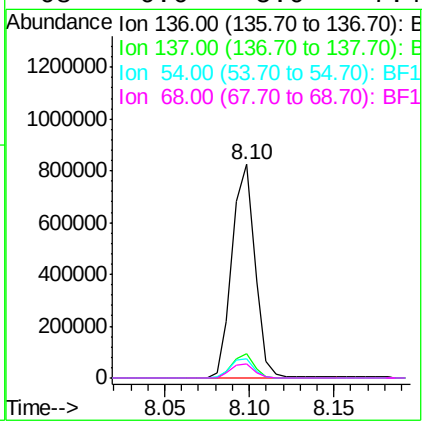


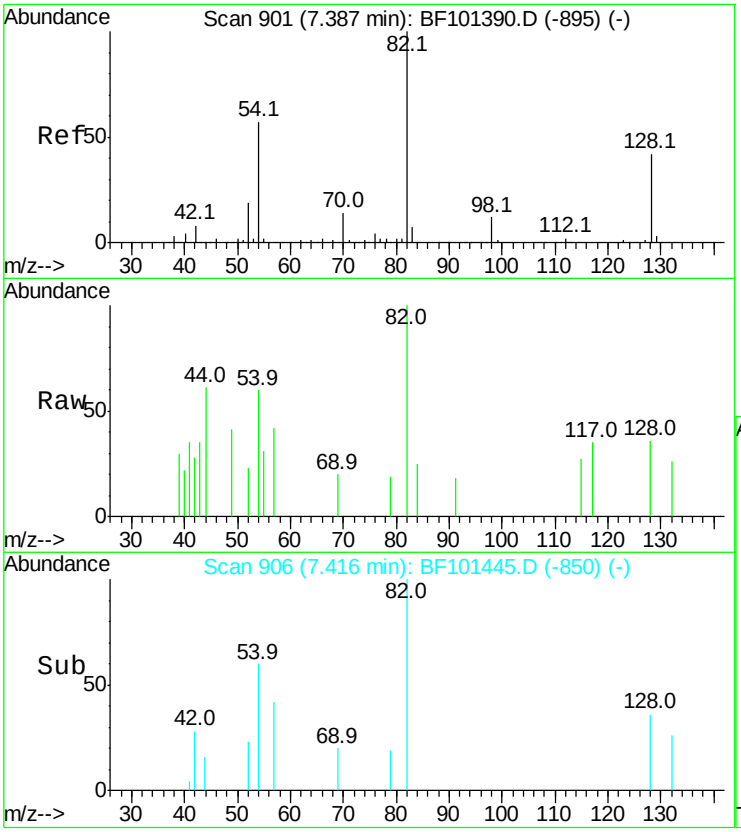


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:136 Resp: 784944

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.7	6.6	9.8
68	6.6	5.0	7.4



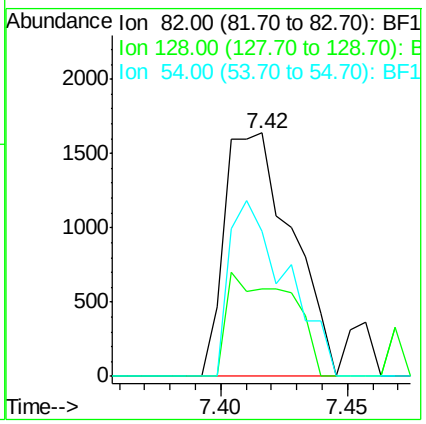


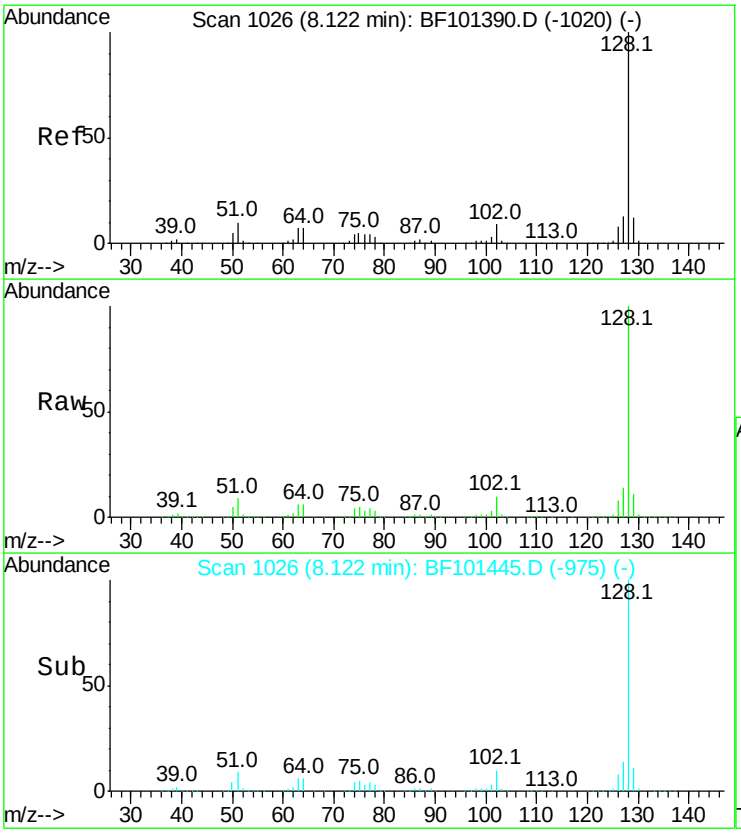
#23
Nitrobenzene-d5
Concen: 0.216 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.03 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 3042

Ion	Ratio	Lower	Upper
82	100		
128	35.7	36.1	54.1#
54	59.5	41.4	62.2

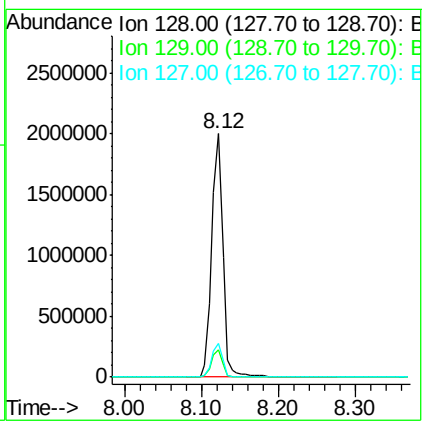


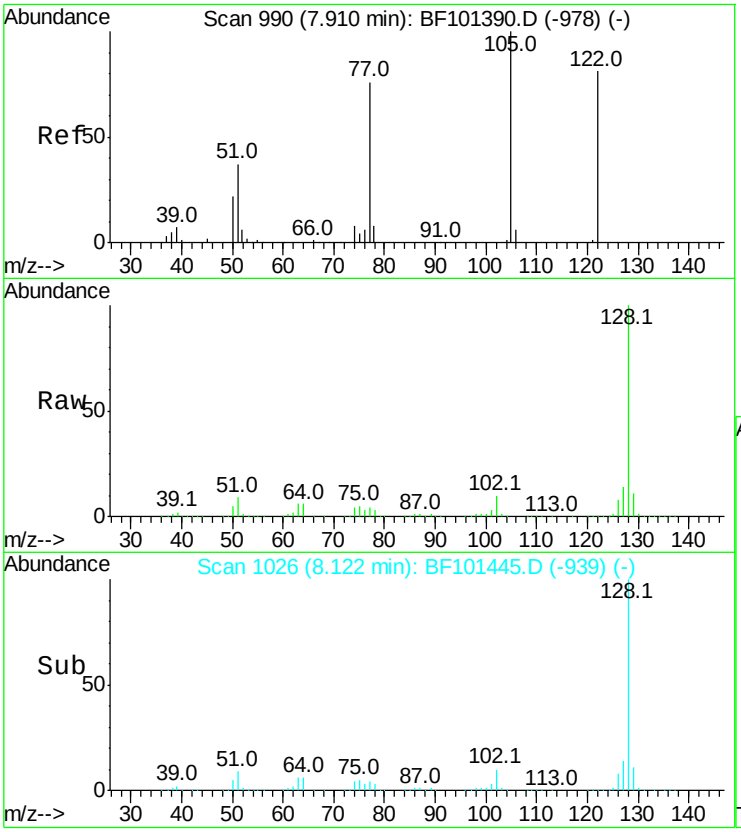


#31
Naphthalene
Concen: 49.955 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:128 Resp: 1974081

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.9	10.9	16.3



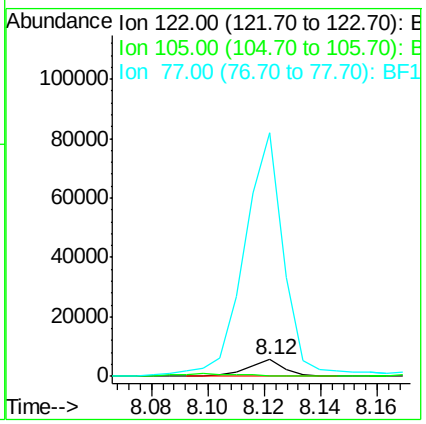


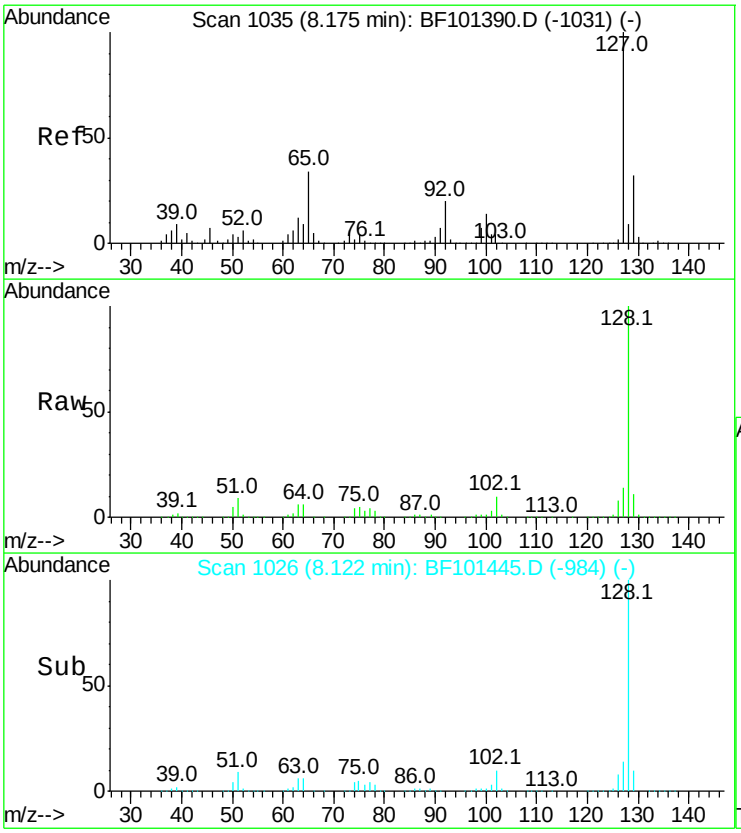
#32
Benzoic acid
Concen: 8.487 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.21 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 4839

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	1482.5	70.7	110.7#

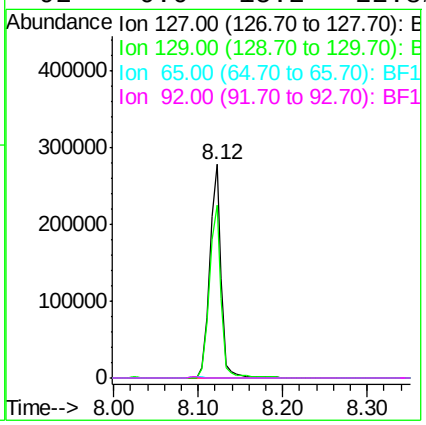


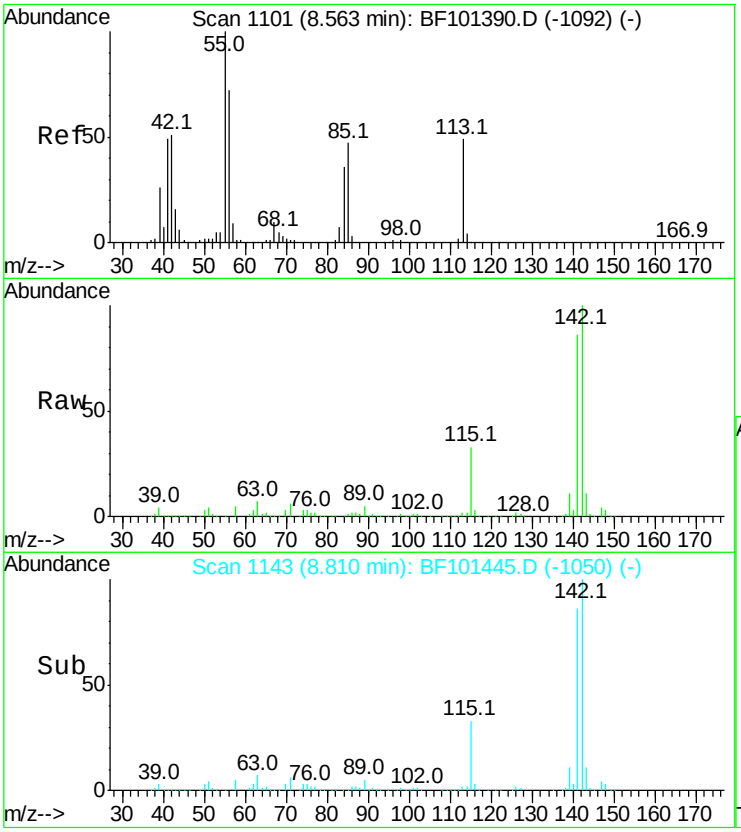


#33
4-Chloroaniline
Concen: 15.666 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:127 Resp: 269067

Ion	Ratio	Lower	Upper
127	100		
129	81.2	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



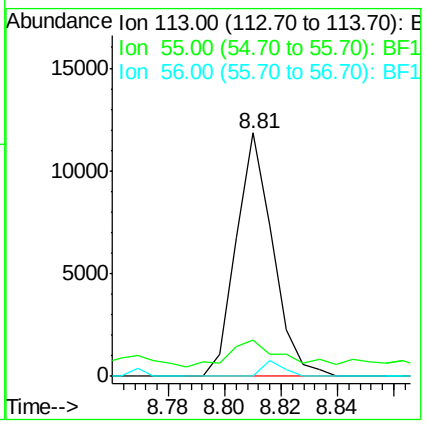


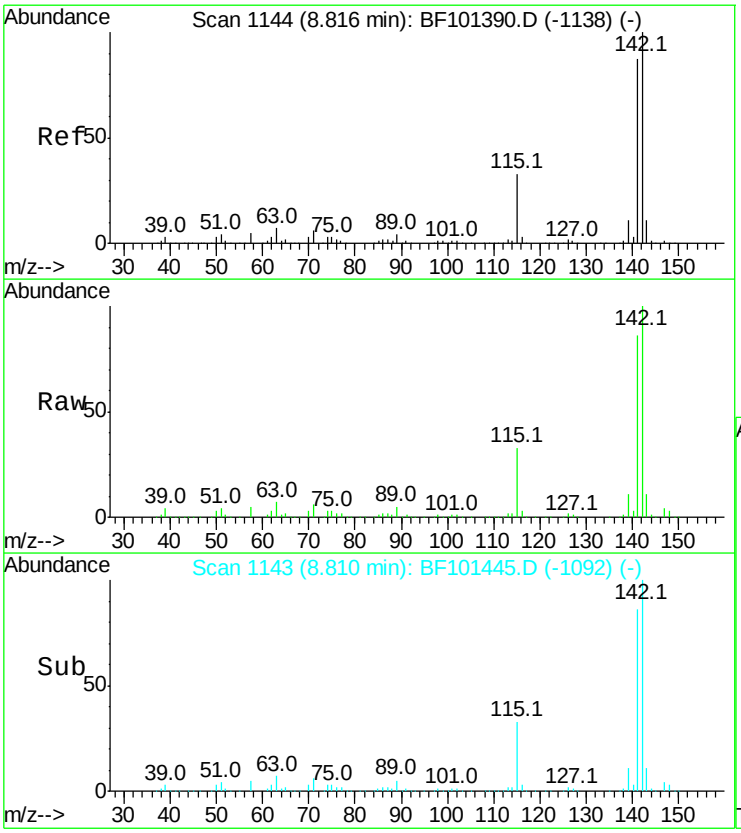
#35
Caprolactam
Concen: 2.730 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.25 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 10668

Ion	Ratio	Lower	Upper
113	100		
55	15.1	163.3	203.3#
56	0.0	115.7	155.7#

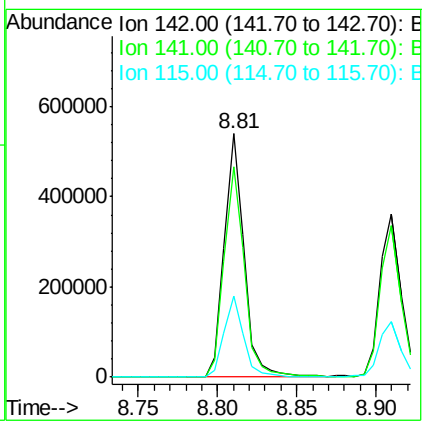


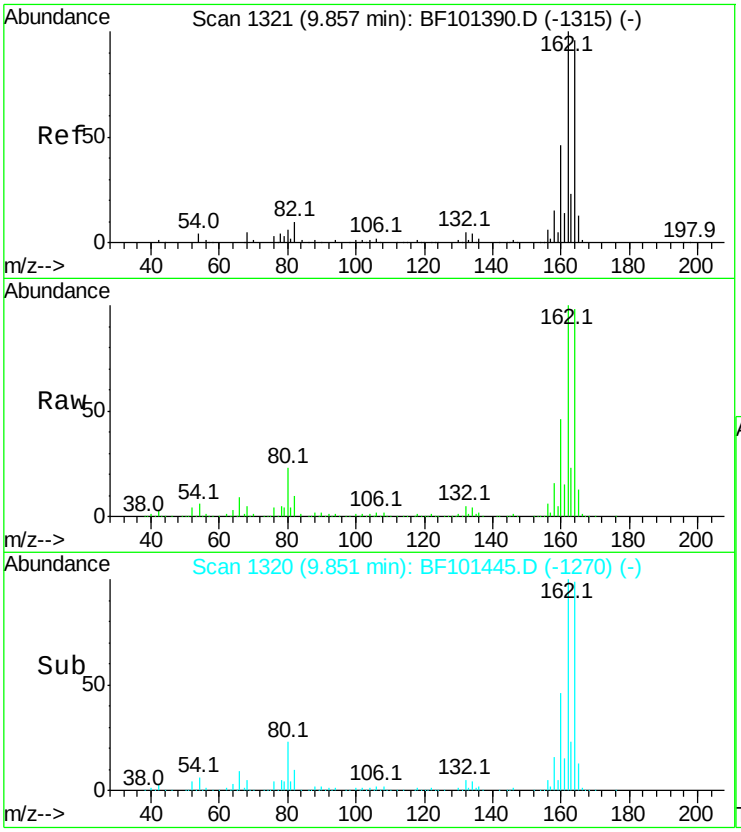


#37
2-Methylnaphthalene
Concen: 18.223 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:142 Resp: 469179

Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.8	106.2
115	33.3	26.1	39.1



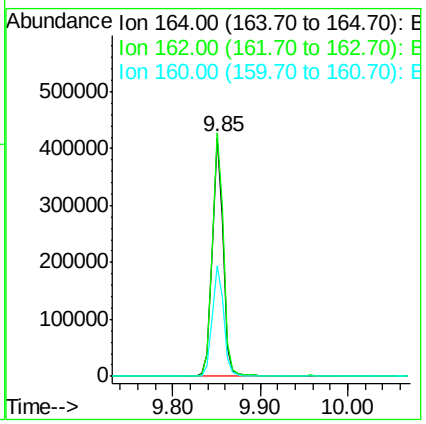


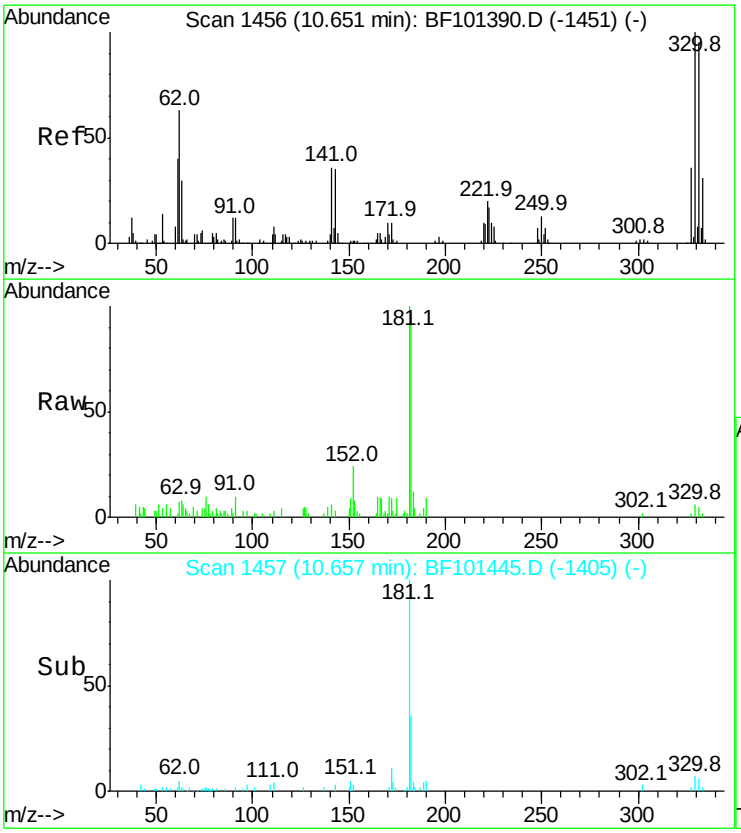
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 365117

Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	46.6	38.3	57.5

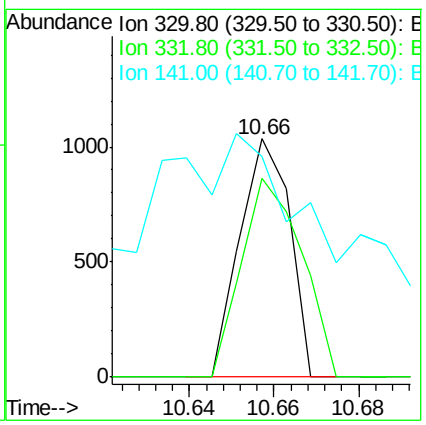


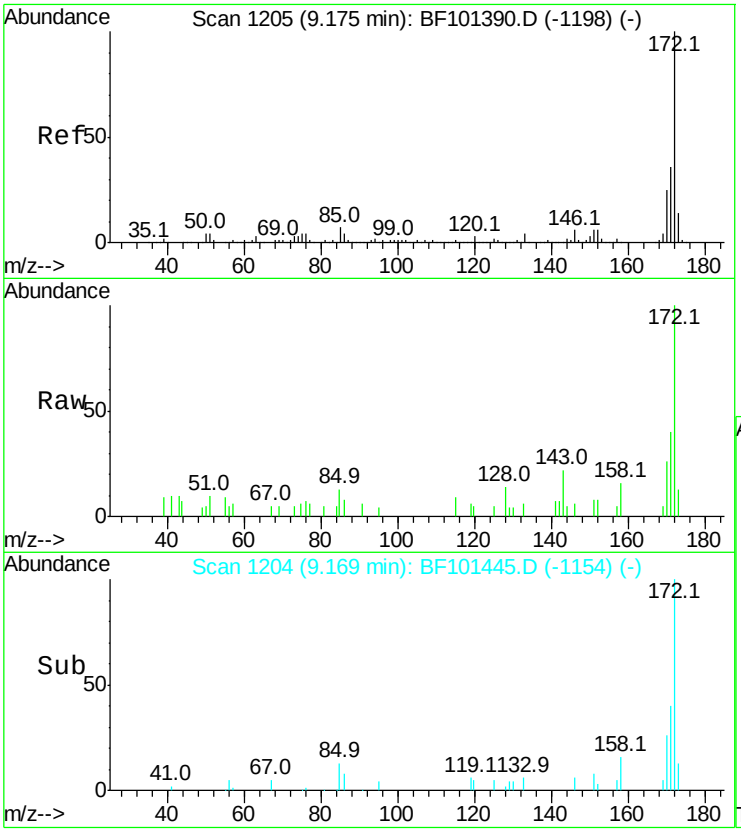


#41
2,4,6-Tribromophenol
Concen: 0.241 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:330 Resp: 848

Ion	Ratio	Lower	Upper
330	100		
332	101.2	77.0	115.6
141	48.1	29.9	44.9#



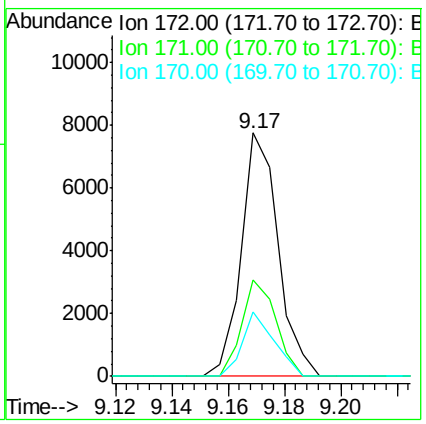


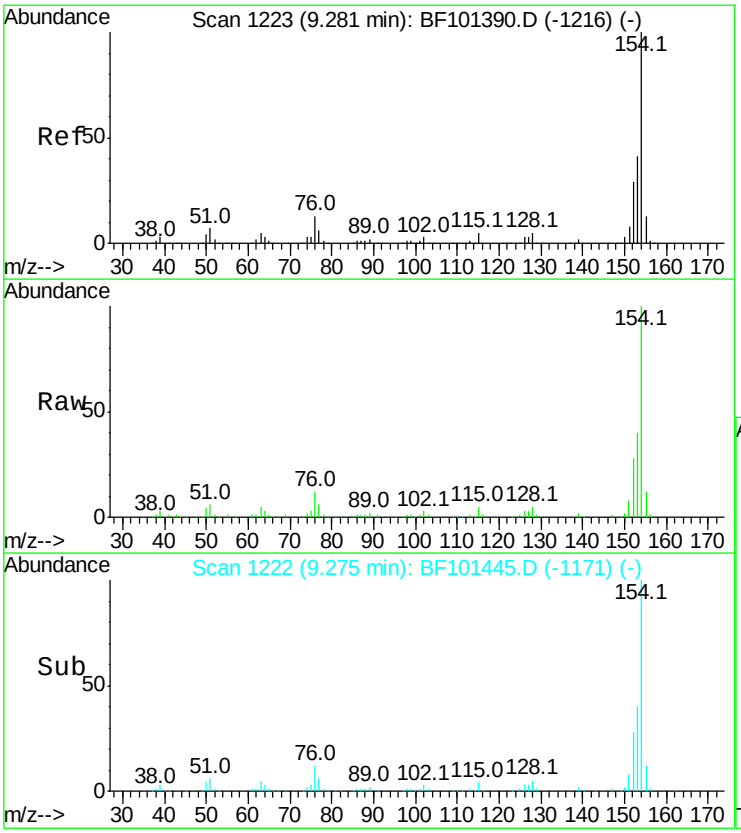
#44
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 7007

Ion	Ratio	Lower	Upper
172	100		
171	39.6	29.7	44.5
170	26.3	19.6	29.4

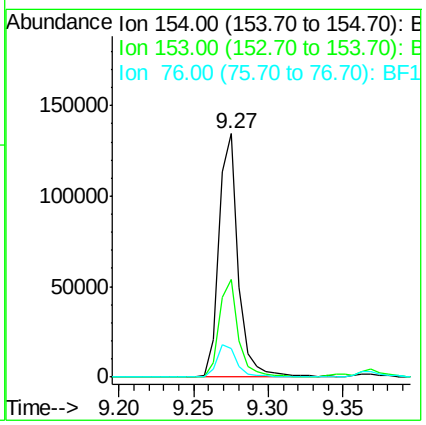


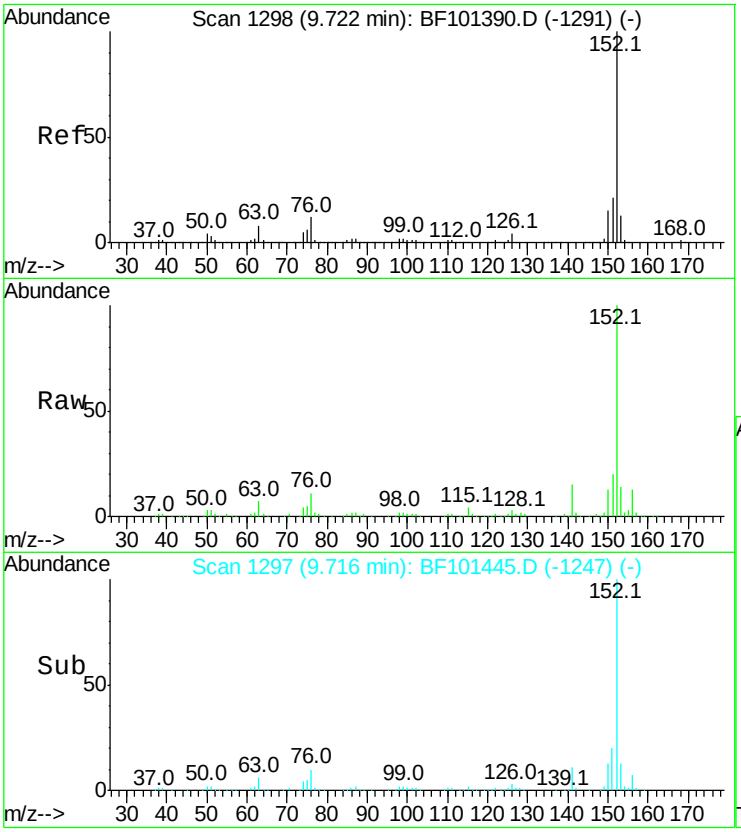


#45
1,1'-Biphenyl
Concen: 3.814 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:154 Resp: 123507

Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	11.8	0.0	34.0



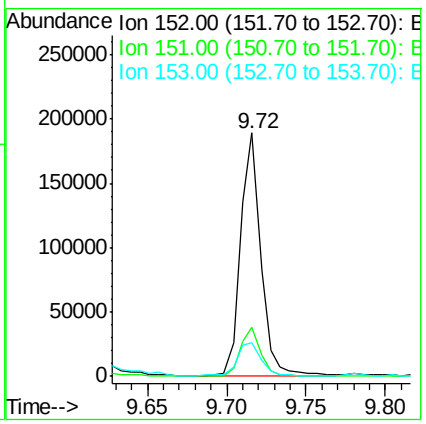


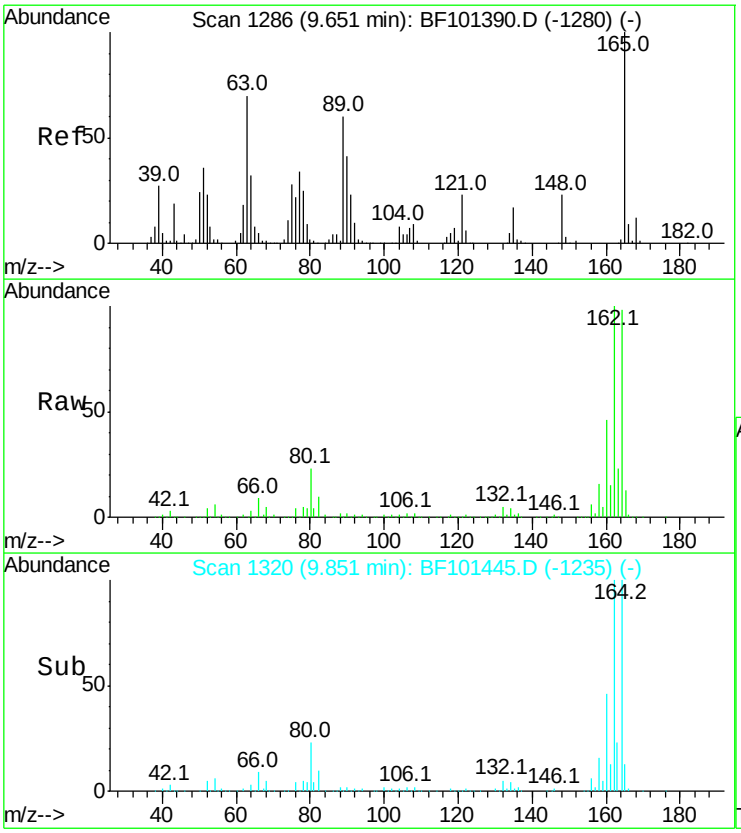
#48
Acenaphthylene
Concen: 4.273 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 167210

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	14.1	10.7	16.1

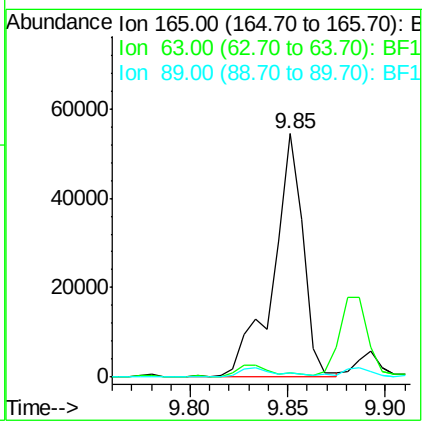


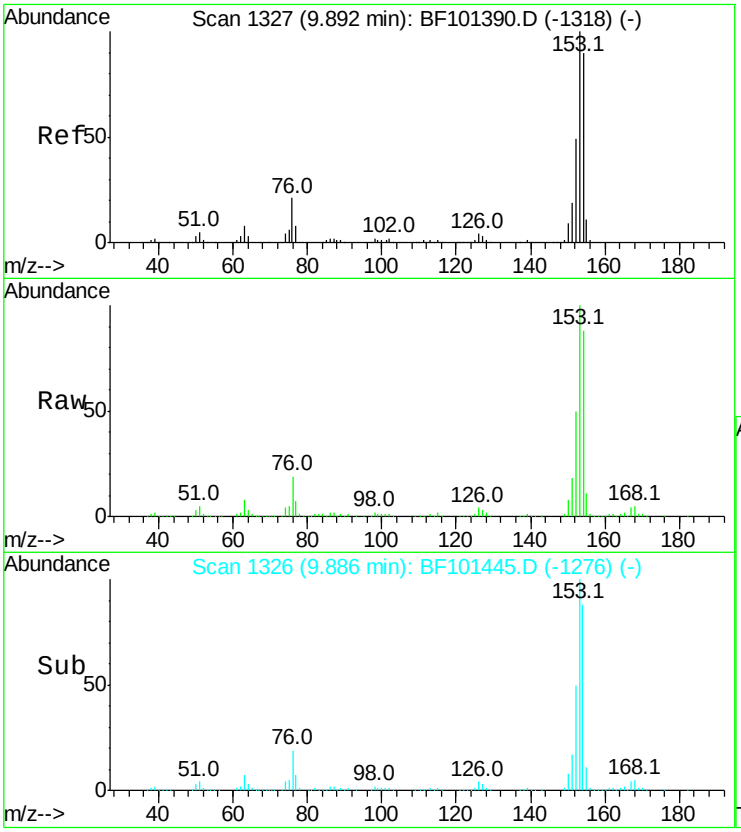


#50
2,6-Dinitrotoluene
Concen: 9.715 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.20 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:165 Resp: 57989

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.6	44.0	66.0#



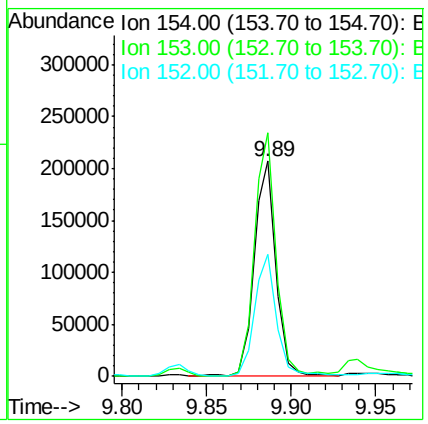


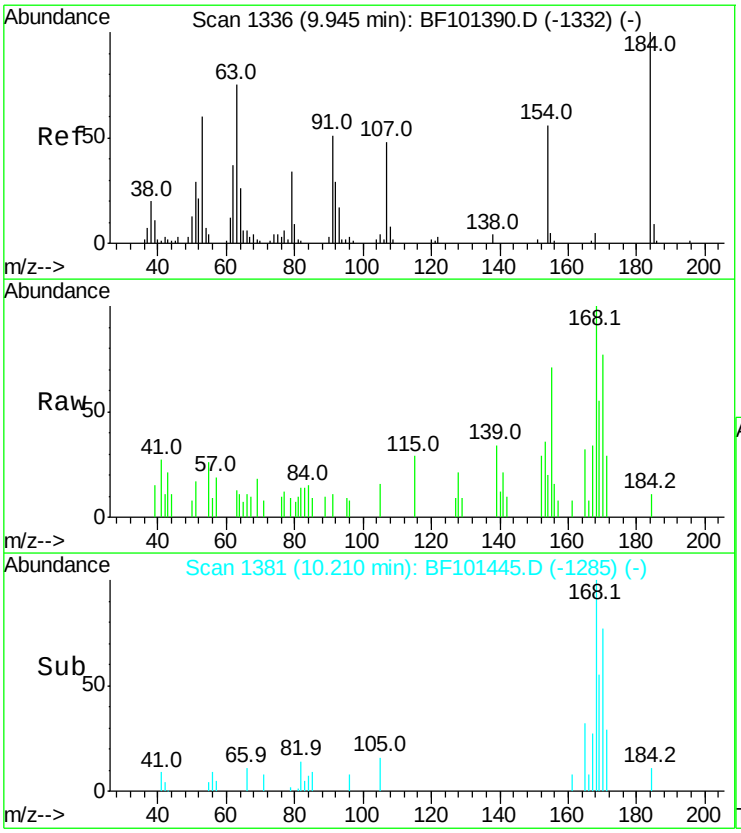
#51
Acenaphthene
Concen: 7.815 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 183739

Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.2	136.8
152	56.9	43.8	65.8

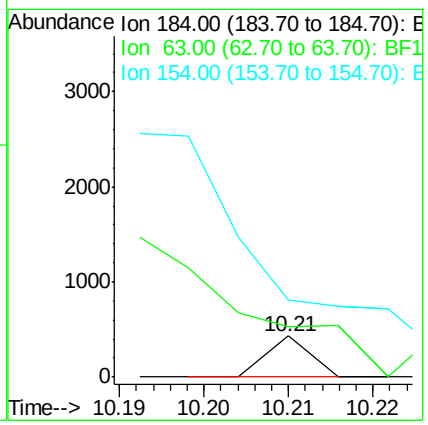


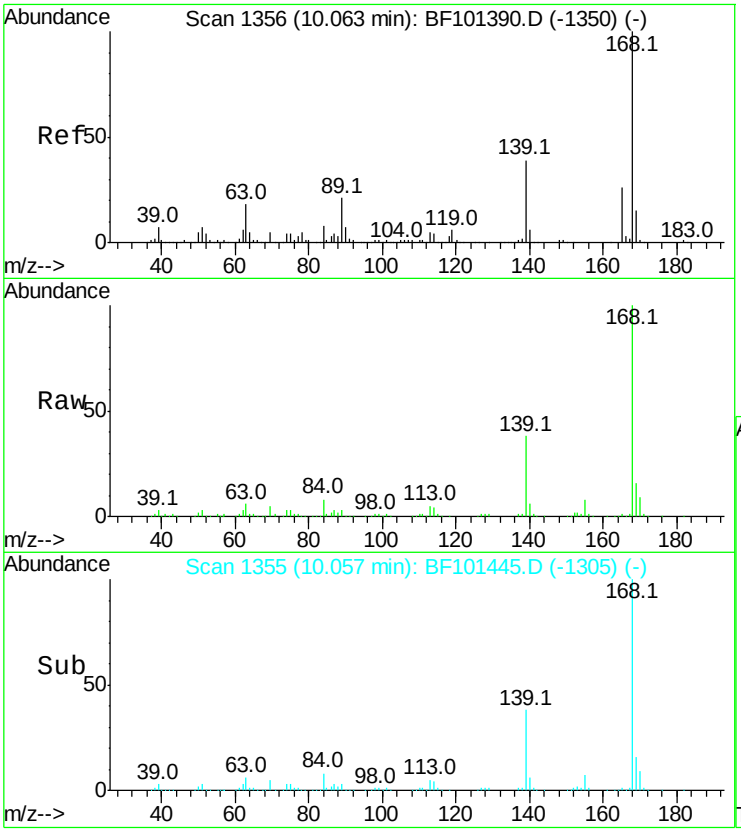


#53
2,4-Dinitrophenol
Concen: 10.384 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.26 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:184 Resp: 153

Ion	Ratio	Lower	Upper
184	100		
63	122.1	54.2	81.2#
154	187.8	184.0	276.0



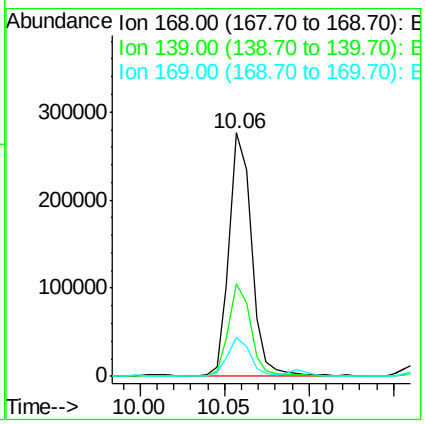


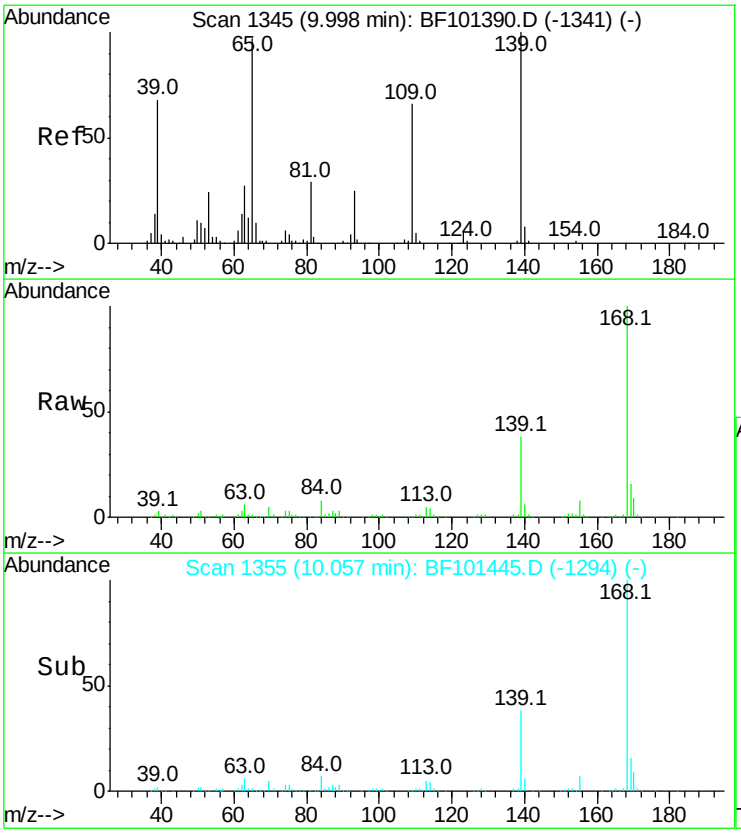
#54
Dibenzofuran
Concen: 8.483 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 253463

Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	16.0	10.9	16.3

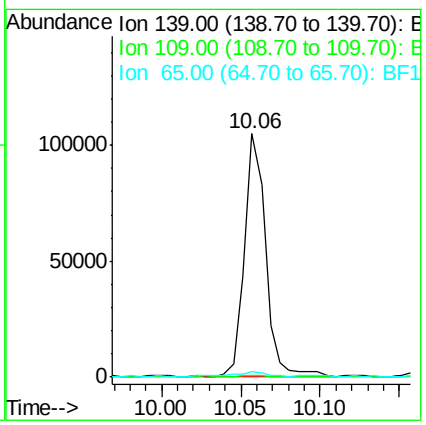


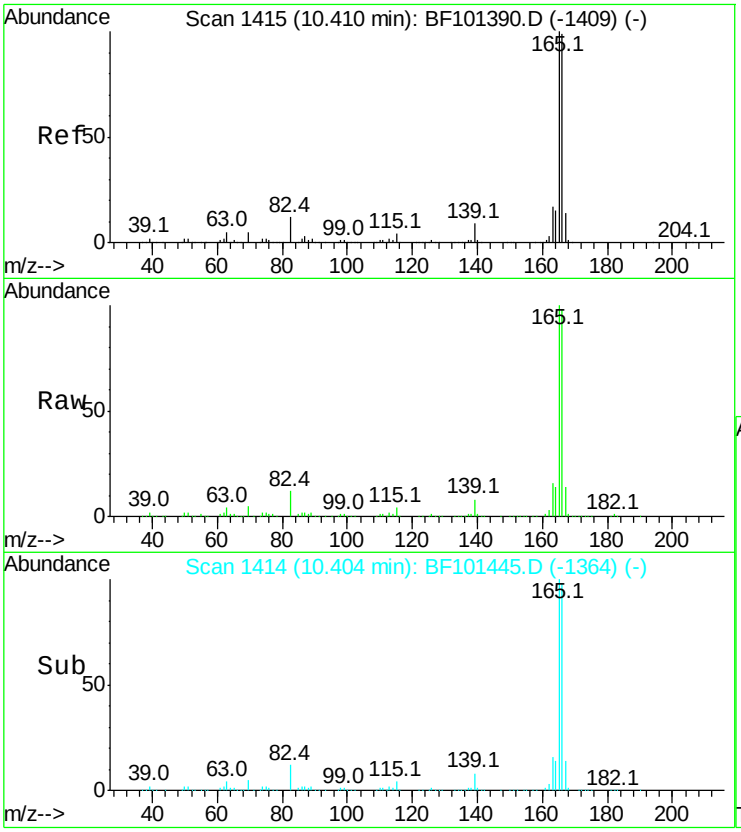


#55
4-Nitrophenol
Concen: 30.321 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.06 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:139 Resp: 98390

Ion	Ratio	Lower	Upper
139	100		
109	0.8	48.4	88.4#
65	2.3	72.6	112.6#



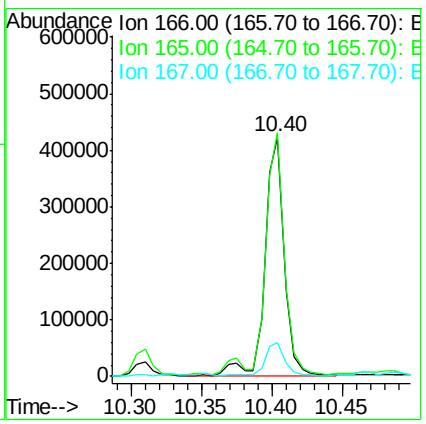


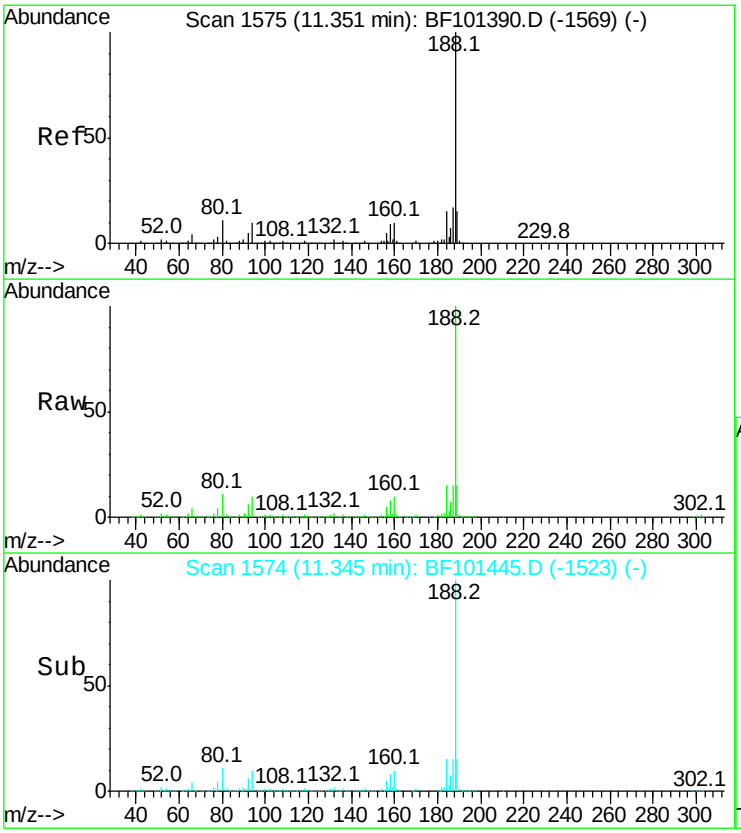
#57
Fluorene
Concen: 16.139 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 407928

Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.8	119.8
167	14.2	10.6	16.0

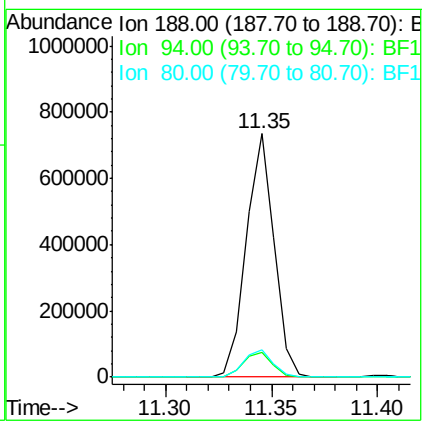


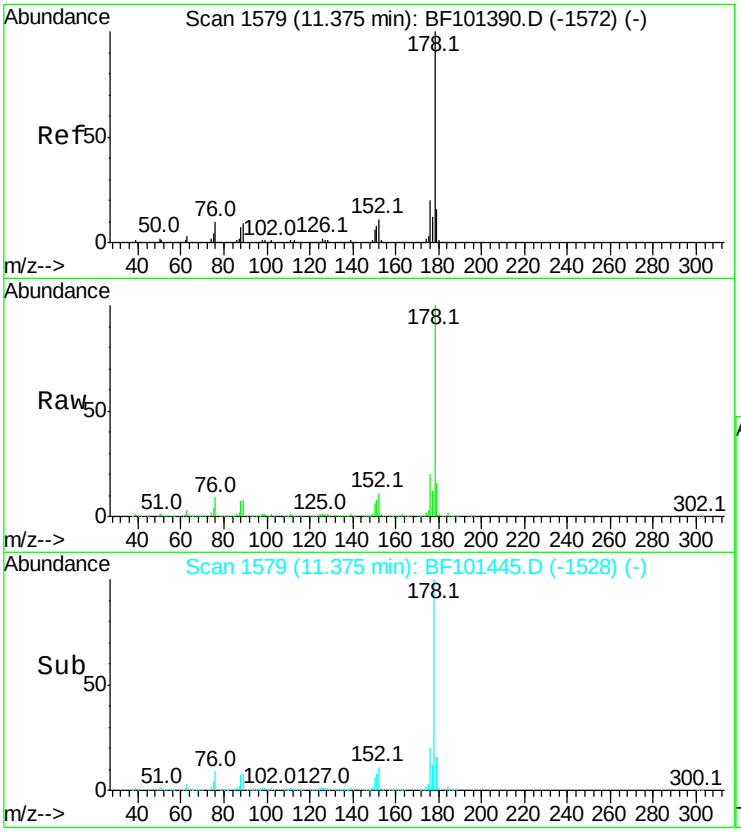


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:188 Resp: 672801

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.2	9.2	13.8



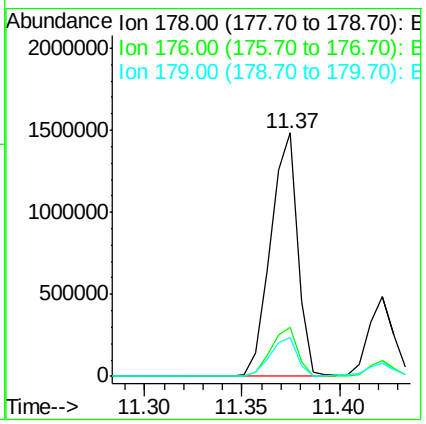


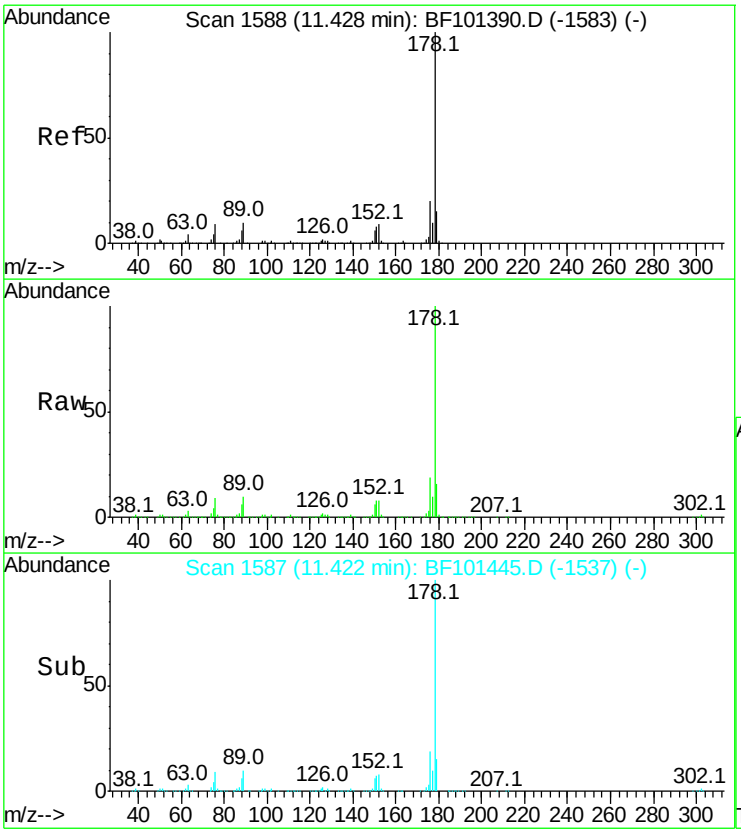
#70
Phenanthrene
Concen: 38.107 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1425793

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.7	13.0	19.6

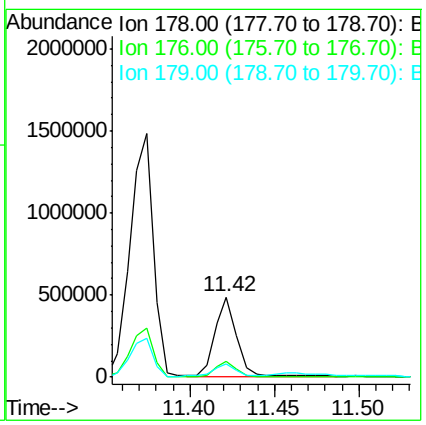


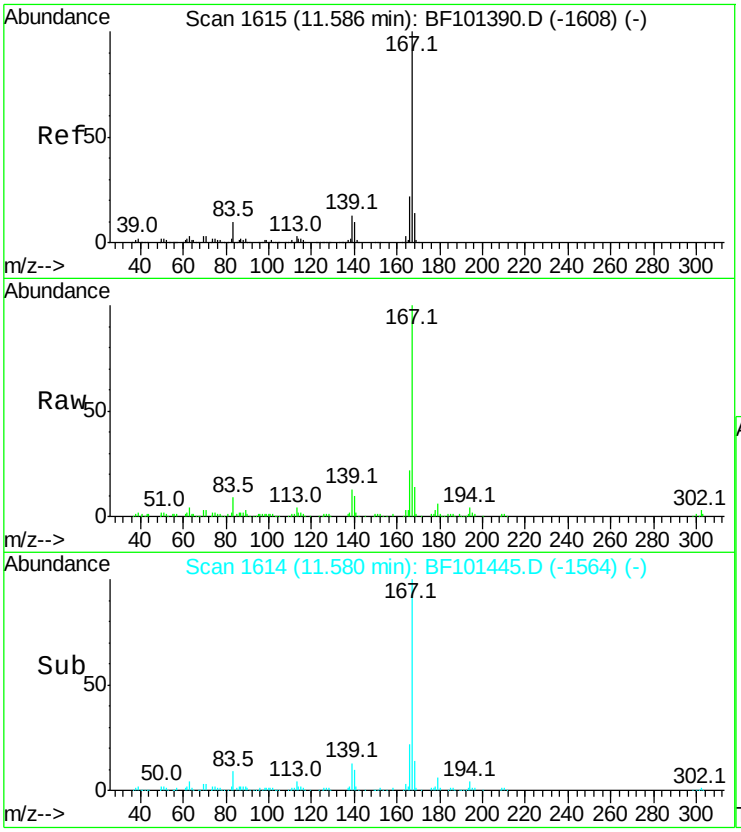


#71
Anthracene
Concen: 11.554 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:178 Resp: 441564

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



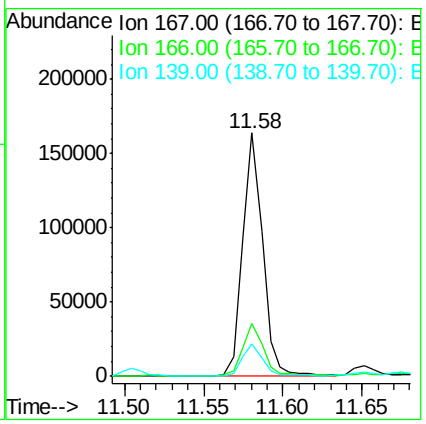


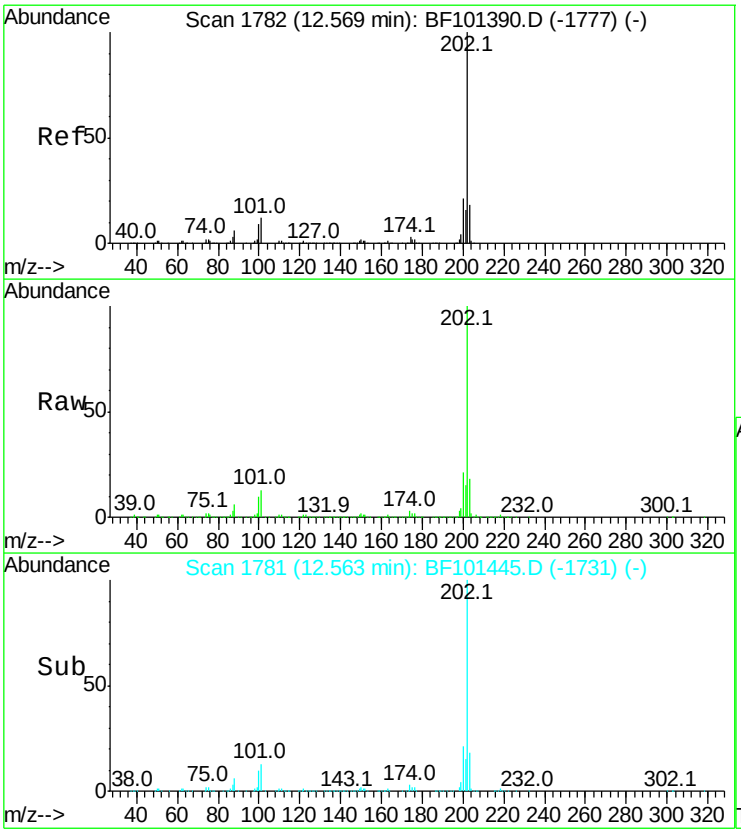
#72
Carbazole
Concen: 3.996 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 142987

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.1	10.9	16.3

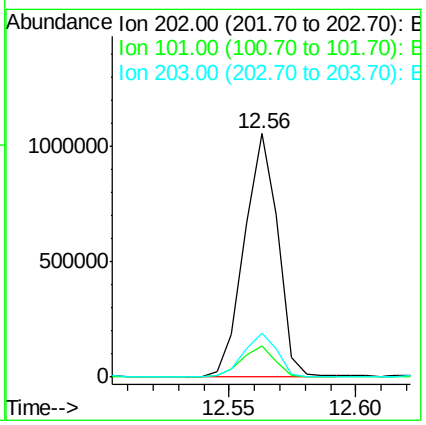


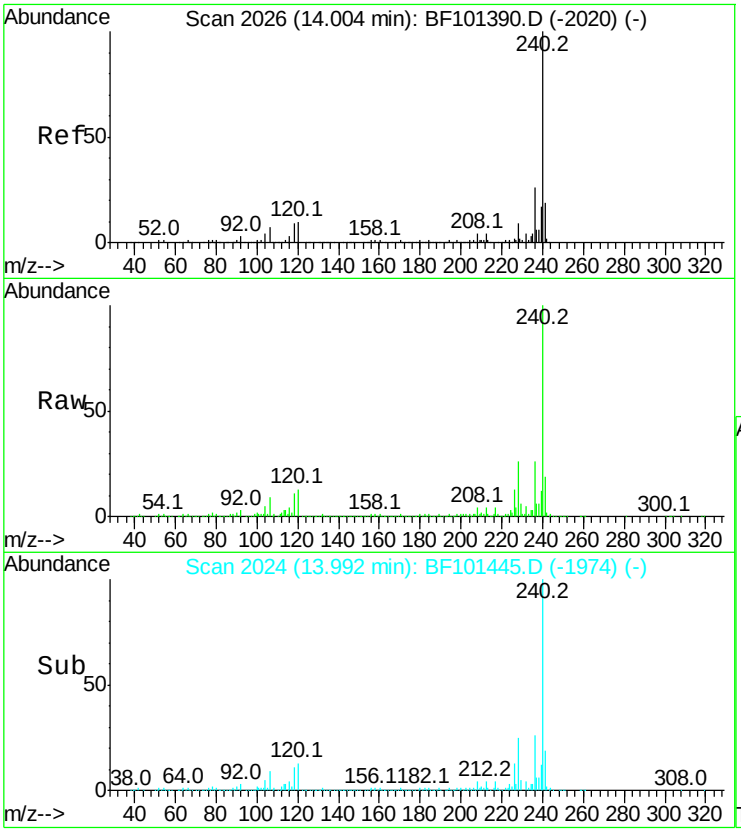


#74
Fluoranthene
Concen: 24.639 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:202 Resp: 967657

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	18.0	0.0	38.1



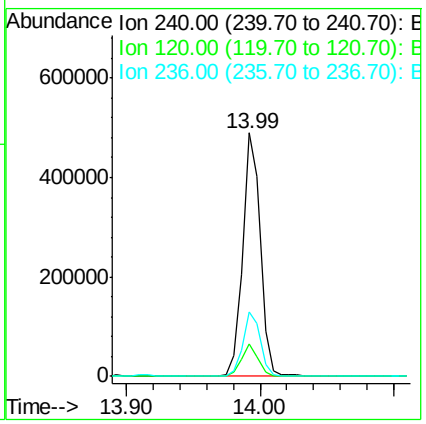


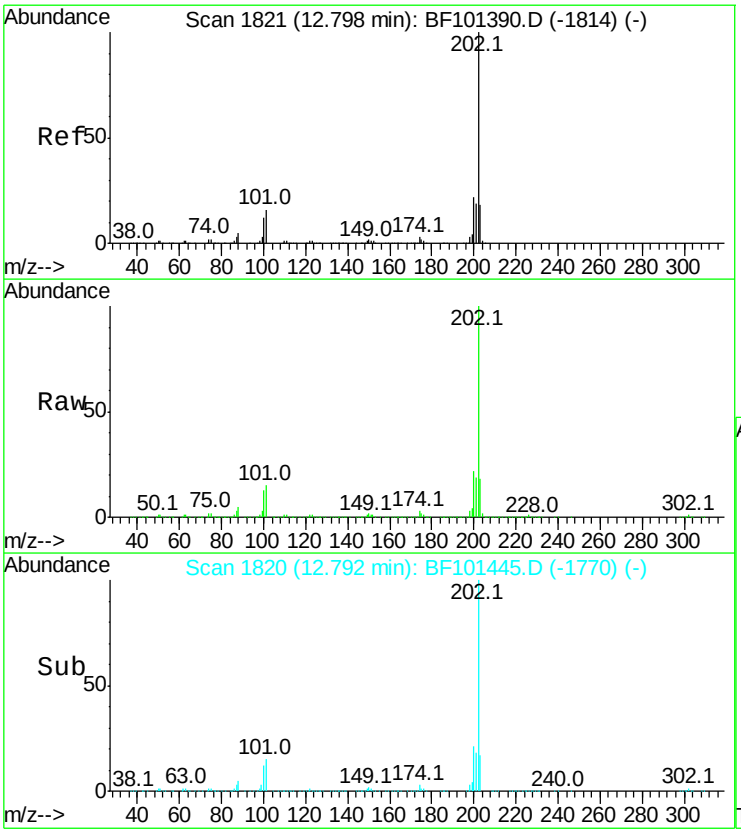
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 444119

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	26.4	20.7	31.1

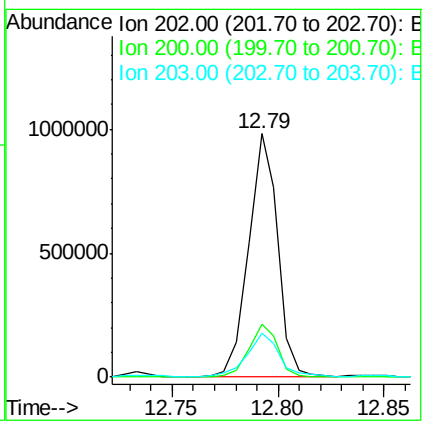


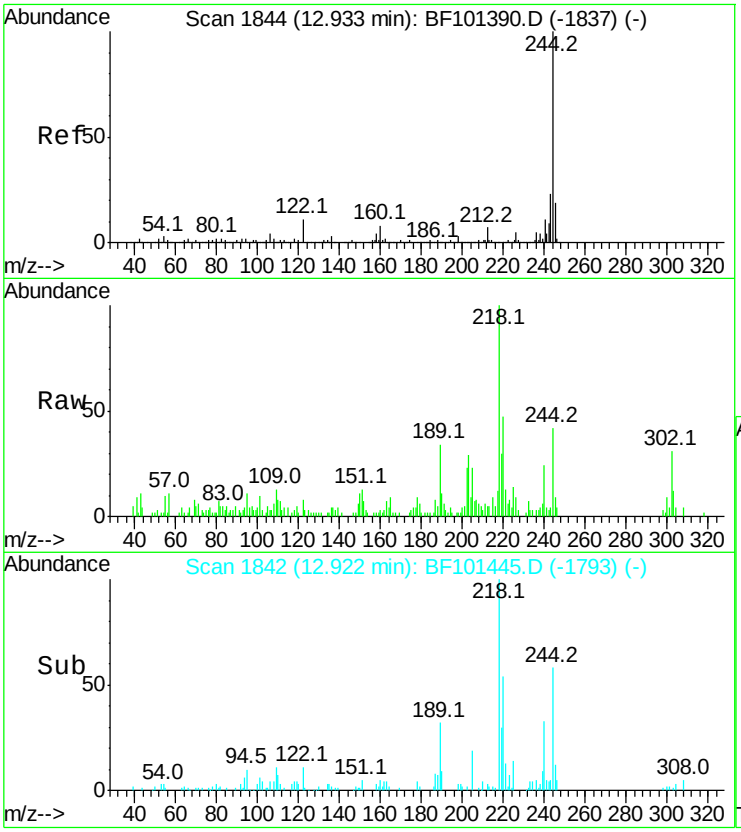


#77
Pyrene
Concen: 28.076 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:202 Resp: 935794

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.2	14.3	21.5



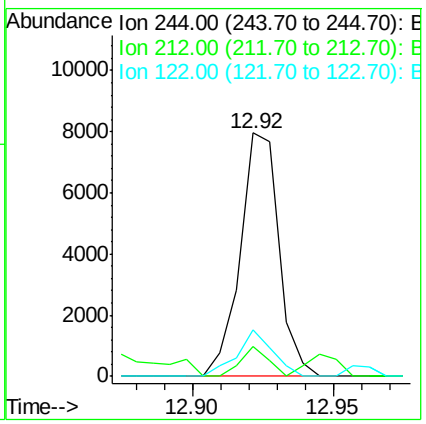


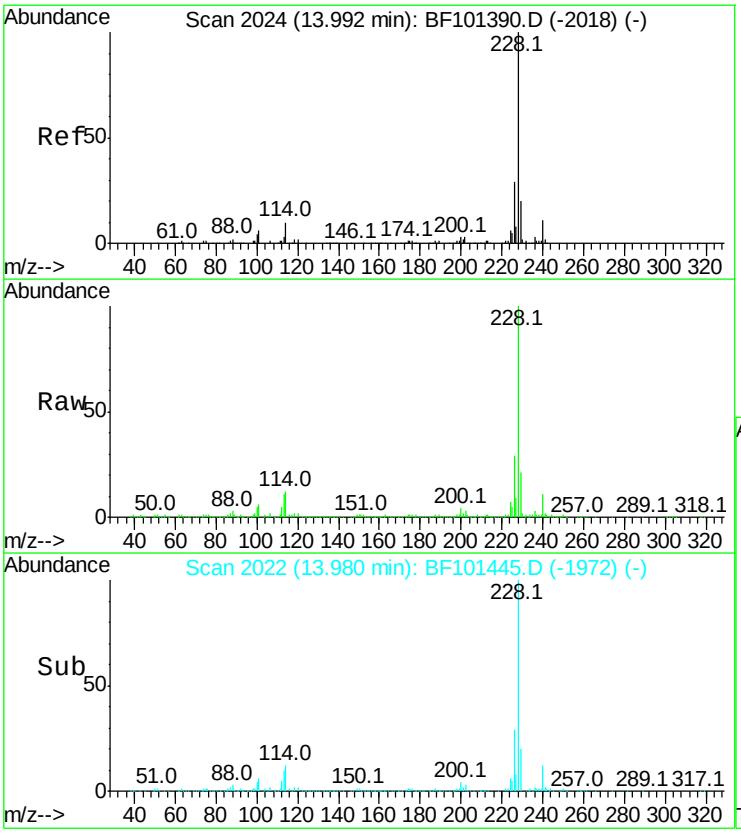
#78
Terphenyl-d14
Concen: 0.410 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 7551

Ion	Ratio	Lower	Upper
244	100		
212	12.0	5.4	8.0#
122	19.2	11.0	16.4#

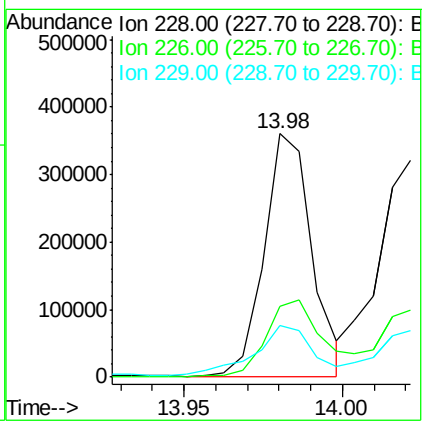


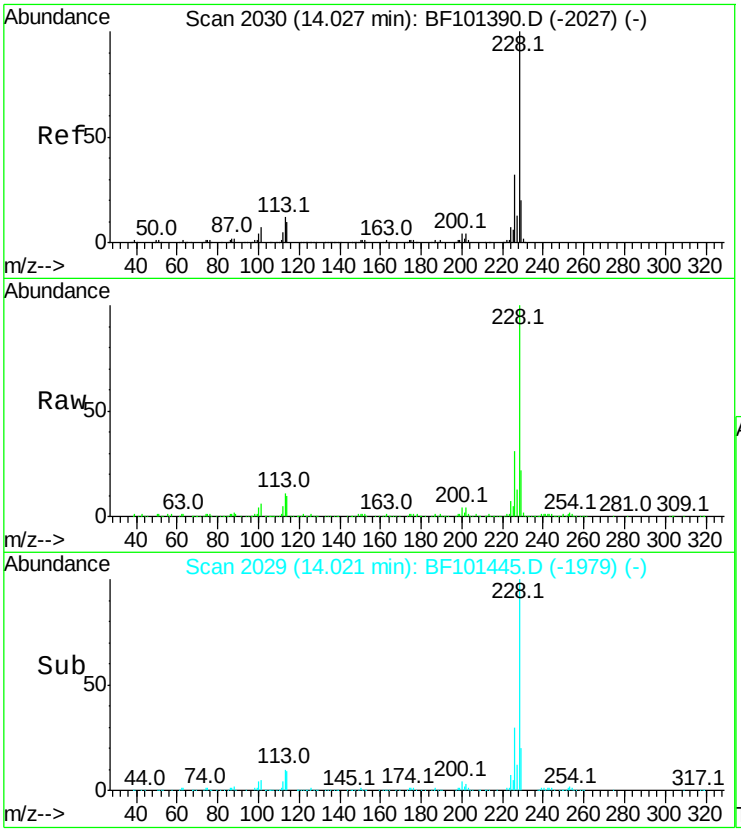


#80
Benzo(a)anthracene
Concen: 12.787 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:228 Resp: 374977

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	21.1	15.8	23.6



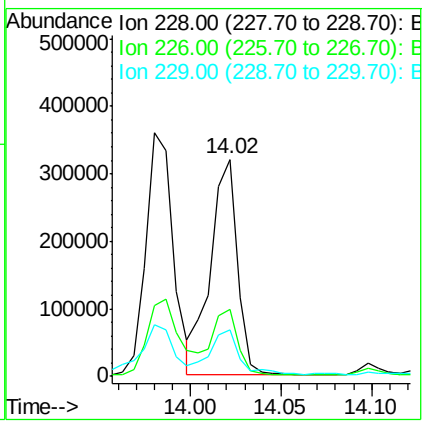


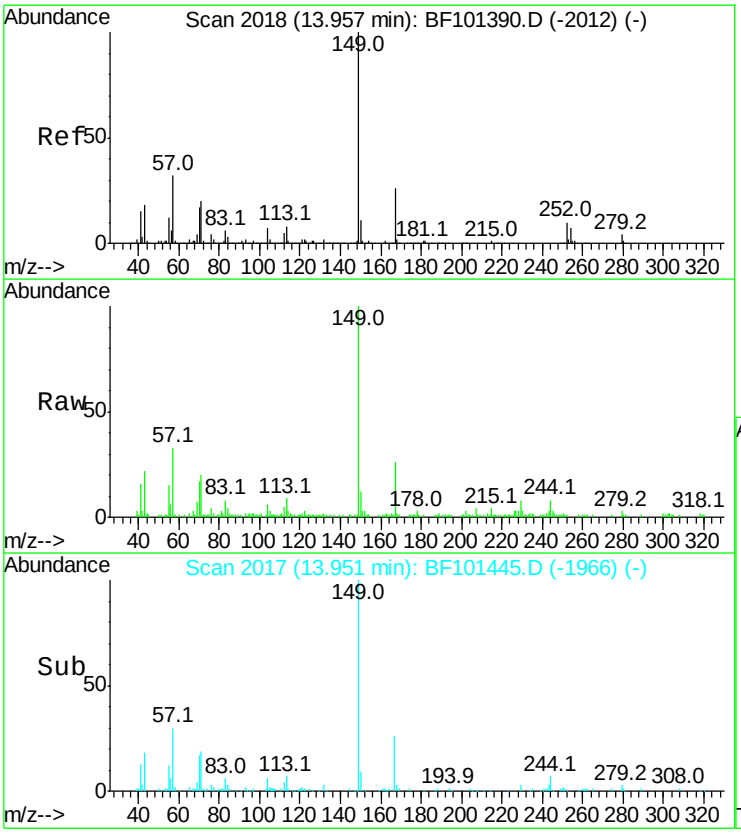
#82
Chrysene
Concen: 11.960 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 331151

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	21.6	16.2	24.4

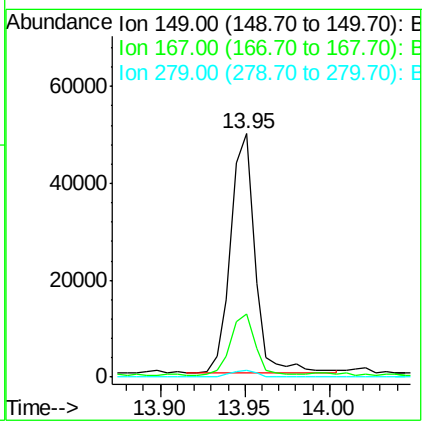


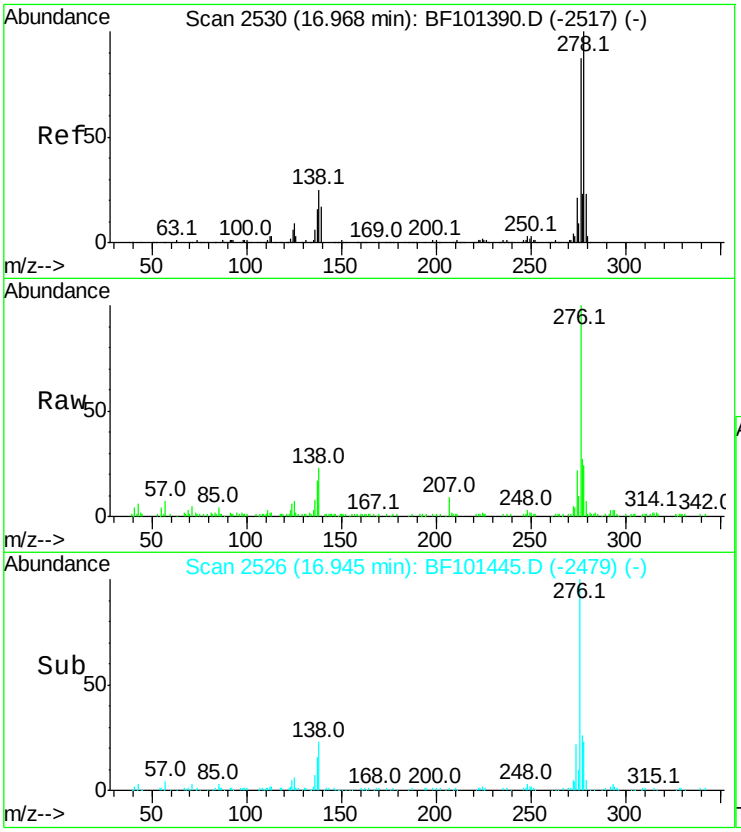


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.616 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:149 Resp: 49969

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.0	3.0	4.4



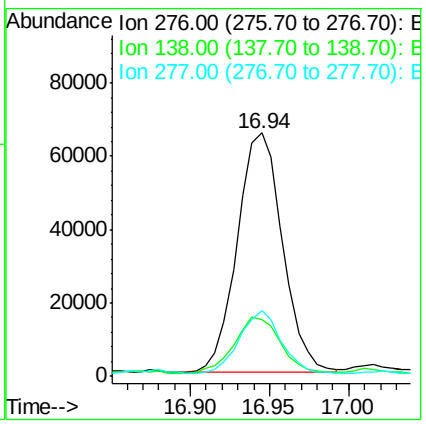


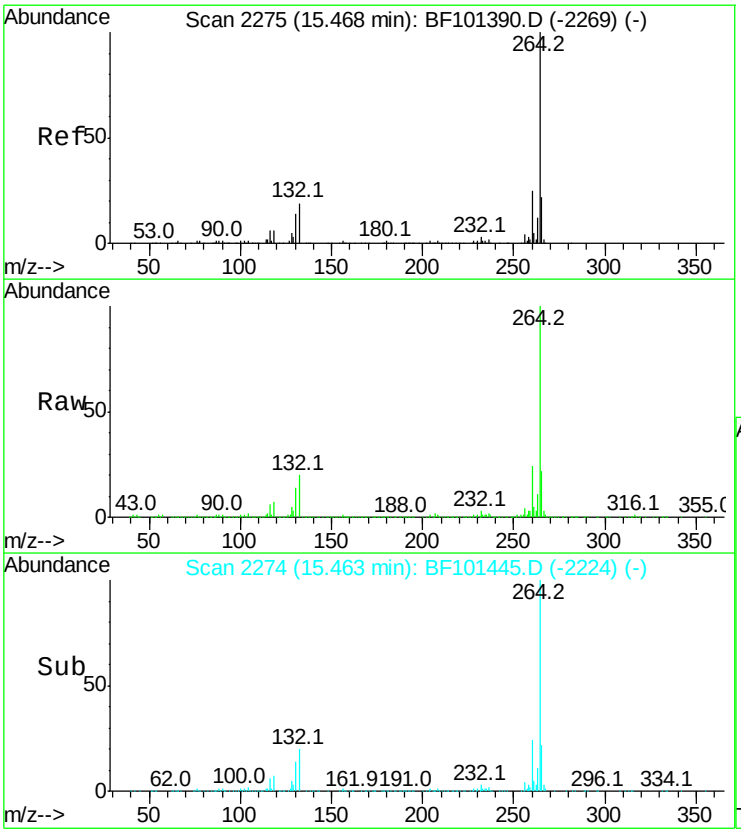
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.277 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 130105

Ion	Ratio	Lower	Upper
276	100		
138	24.8	25.0	37.6#
277	24.2	20.1	30.1

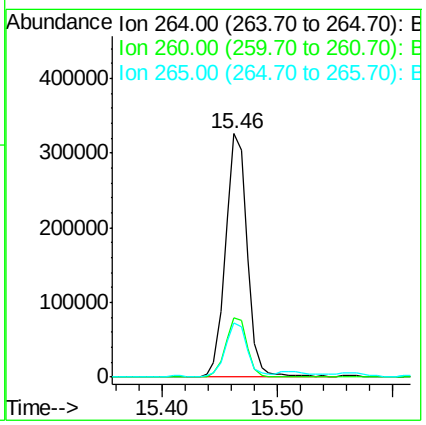


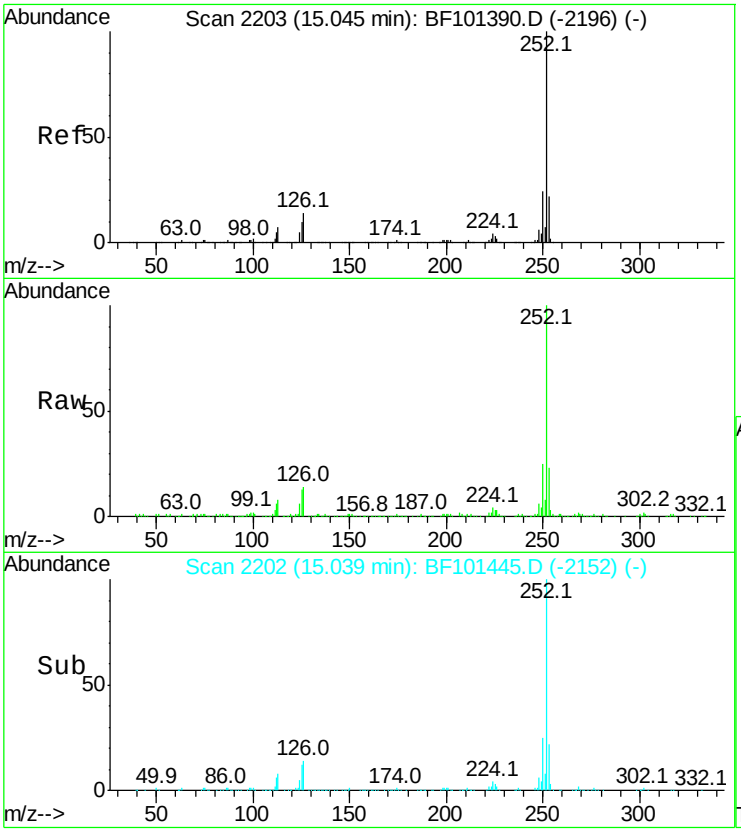


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:264 Resp: 419926

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.3	17.5	26.3



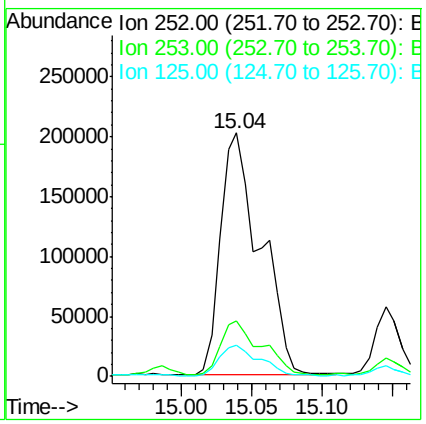


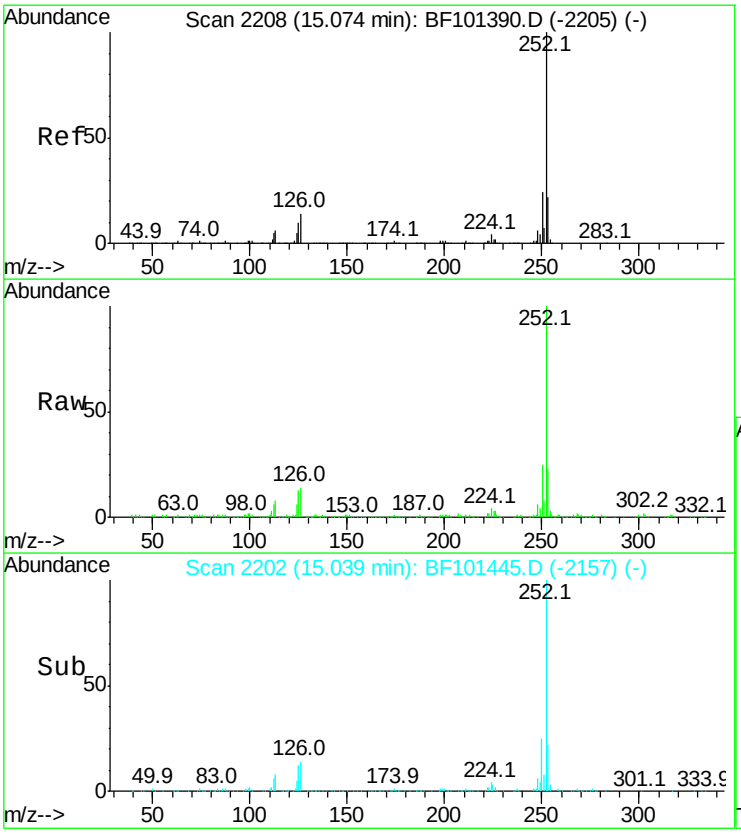
#87
Benzo(b)fluoranthene
Concen: 15.500 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 396728

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	12.6	9.0	13.6

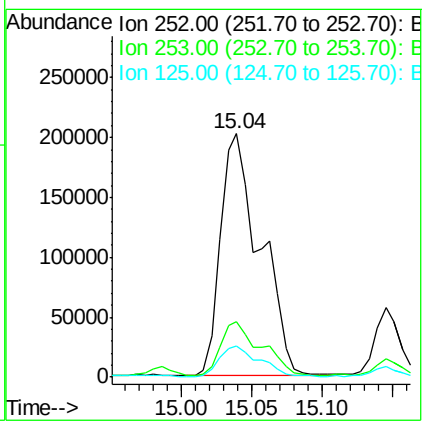


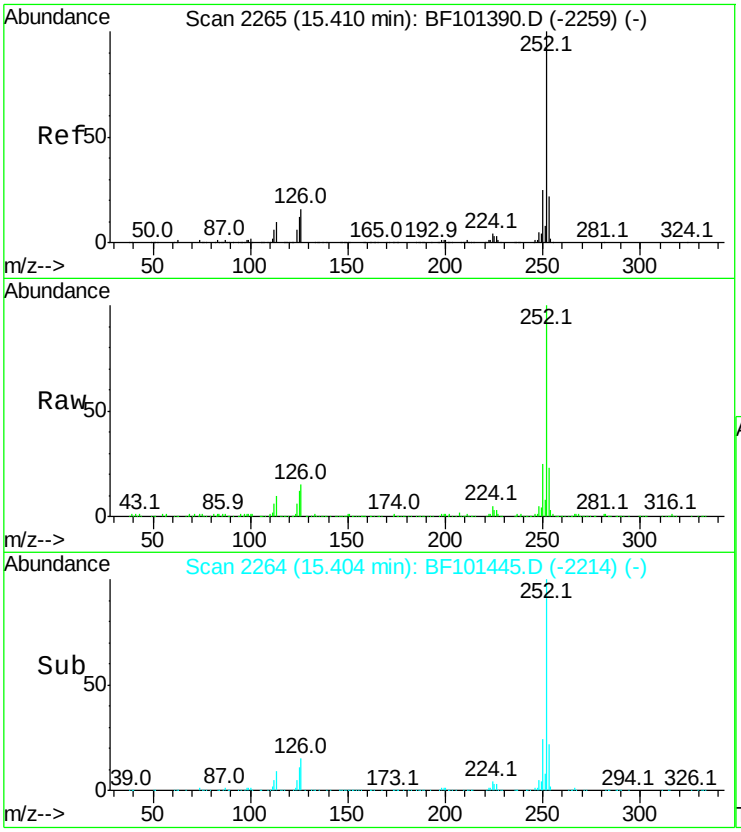


#88
Benzo(k)fluoranthene
Concen: 15.942 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:252 Resp: 396728

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	12.6	10.2	15.2



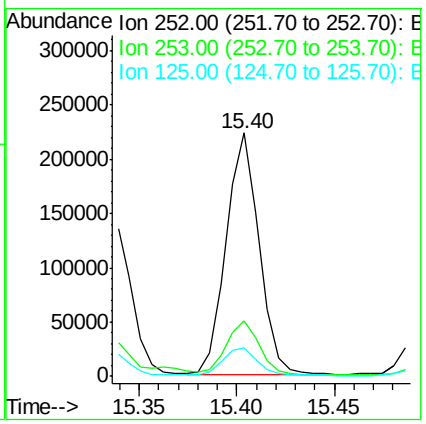


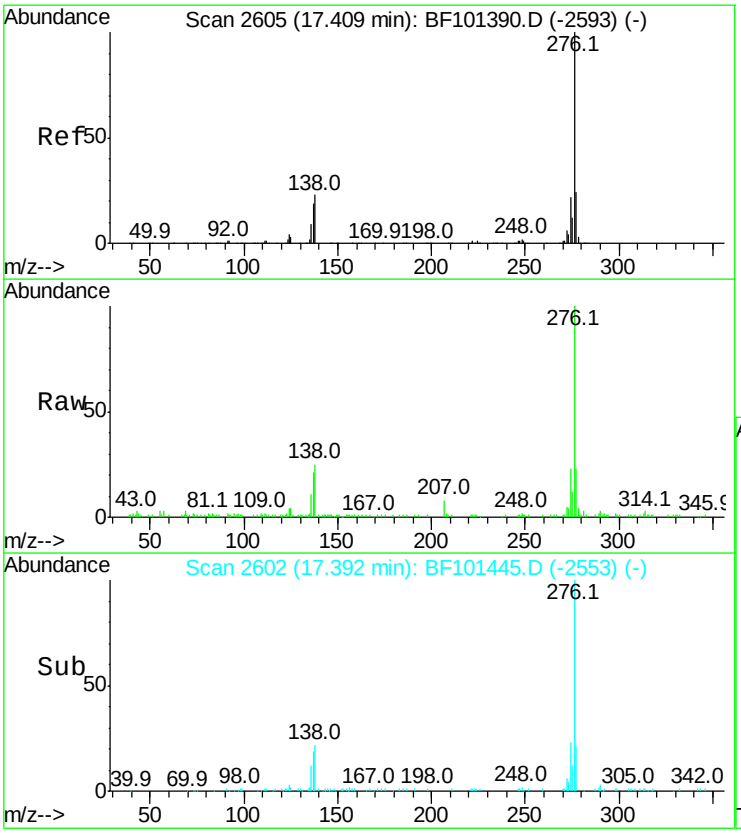
#89
Benzo(a)pyrene
Concen: 11.139 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 262826

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	11.6	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 6.414 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF101445.D
Acq: 15 Dec 2017 16:17

Tgt Ion:276 Resp: 128673

Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	24.8	21.8	32.8