Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101437.D
Acq On : 15 Dec 2017 11:32
Operator : SJ/JU
Sample : I6828-01DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 15 13:40:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	170410	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	671778	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	281397	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	438436	20.00	ng		0.00
75) Chrysene-d12	14.01	240	242312	20.00	ng		0.00
86) Perylene-d12	15.50	264	259105	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	634099	55.43	ng		0.00
7) Phenol-d6	6.45	99	785463	55.17	ng		0.00
23) Nitrobenzene-d5	7.38	82	444166	36.81	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	134026	49.43	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	695868	38.36	ng		0.00
78) Terphenyl-d14	12.93	244	427303	42.51	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	32902	2.028	ng	#	57
25) Isophorone	7.38	82	437318	18.064	ng	#	64
31) Naphthalene	8.12	128	108530	3.209	ng		98
32) Benzoic acid	7.80	122	3735	8.435	ng		83
36) 4-Chloro-3-methylphenol	8.67	107	75490	7.132	ng		97
49) Dimethylphthalate	9.57	163	64083	2.831	ng	#	99
51) Acenaphthene	9.89	154	75772	4.182	ng		98
53) 2,4-Dinitrophenol	10.14	184	460	10.570	ng	#	56
54) Dibenzofuran	10.06	168	74345	3.229	ng		98
57) Fluorene	10.40	166	99454	5.105	ng		98
69) Pentachlorophenol	11.17	266	128	6.615	ng	#	19
70) Phenanthrene	11.37	178	783513	32.135	ng		100
71) Anthracene	11.42	178	202198	8.119	ng		97
72) Carbazole	11.58	167	108587	4.657	ng	#	96
74) Fluoranthene	12.57	202	854720	33.397	ng		98
77) Pyrene	12.80	202	748582	41.164	ng		99
80) Benzo(a)anthracene	14.00	228	331208	20.700	ng		97
82) Chrysene	14.03	228	291268	19.280	ng		97
83) Bis(2-ethylhexyl)phthalate	13.96	149	69428	6.661	ng	#	92
87) Benzo(b)fluoranthene	15.06	252	482297	30.539	ng	#	86
88) Benzo(k)fluoranthene	15.06	252	482297	31.409	ng	#	89
89) Benzo(a)pyrene	15.44	252	248379	17.060	ng	#	84
90) Dibenzo(a,h)anthracene	16.99	278	47848	3.828	ng	#	61
91) Benzo(g,h,i)perylene	17.44	276	194956	15.751	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121417\
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Acq On : 15 Dec 2017 11:32
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Sample : I6828-01DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 15 13:40:08 2017
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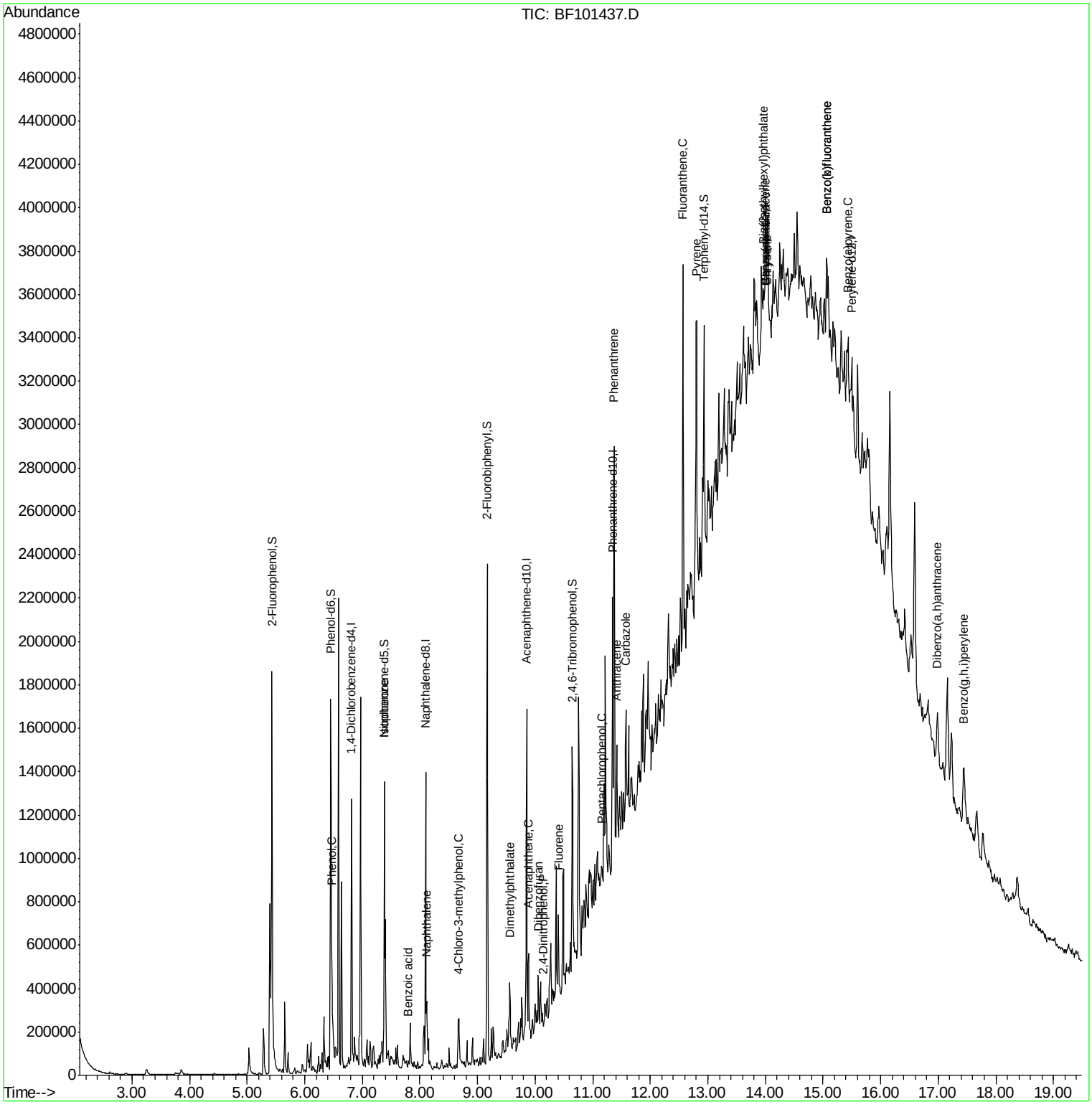
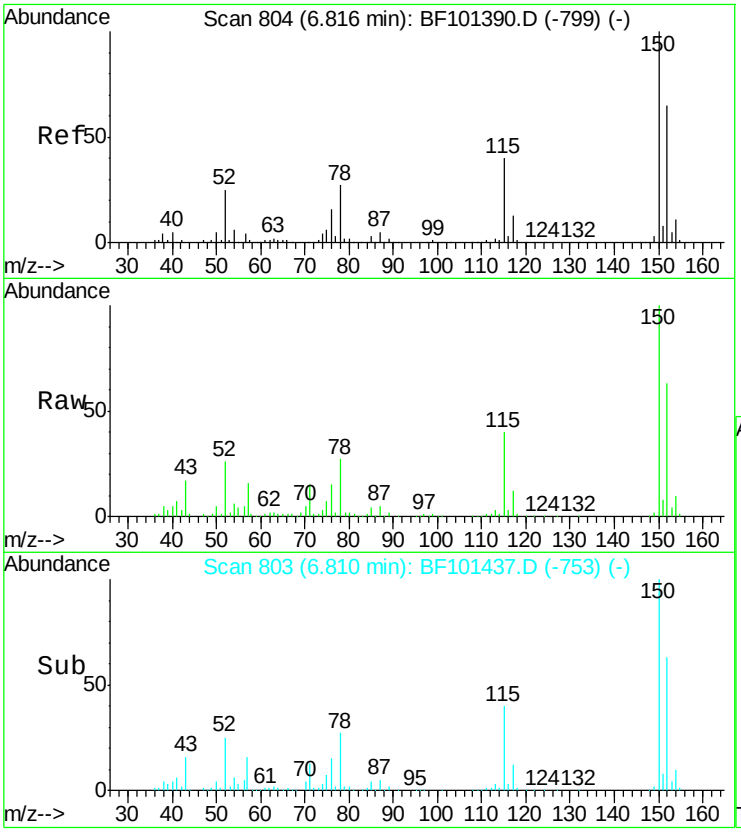
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration



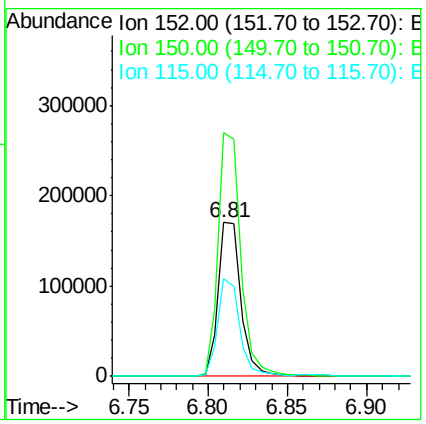


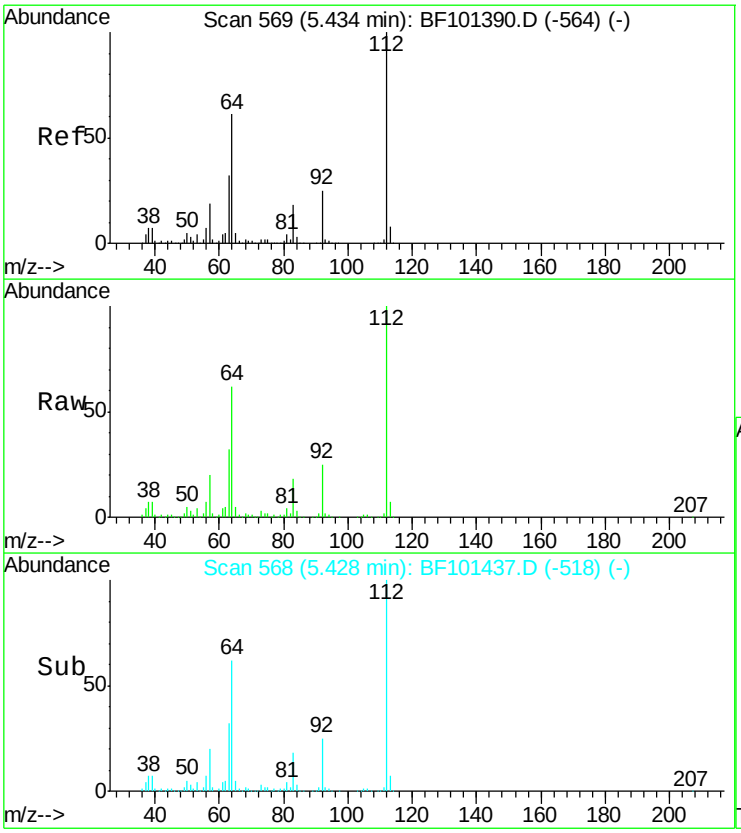
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 170410

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	63.1	50.1	75.1

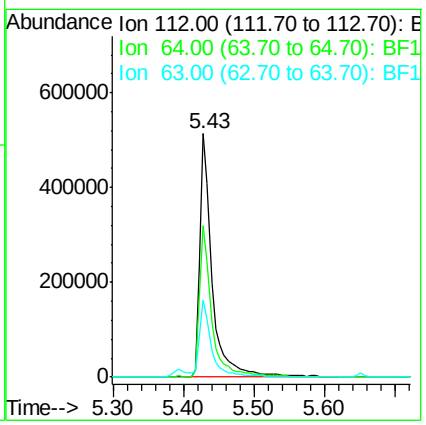


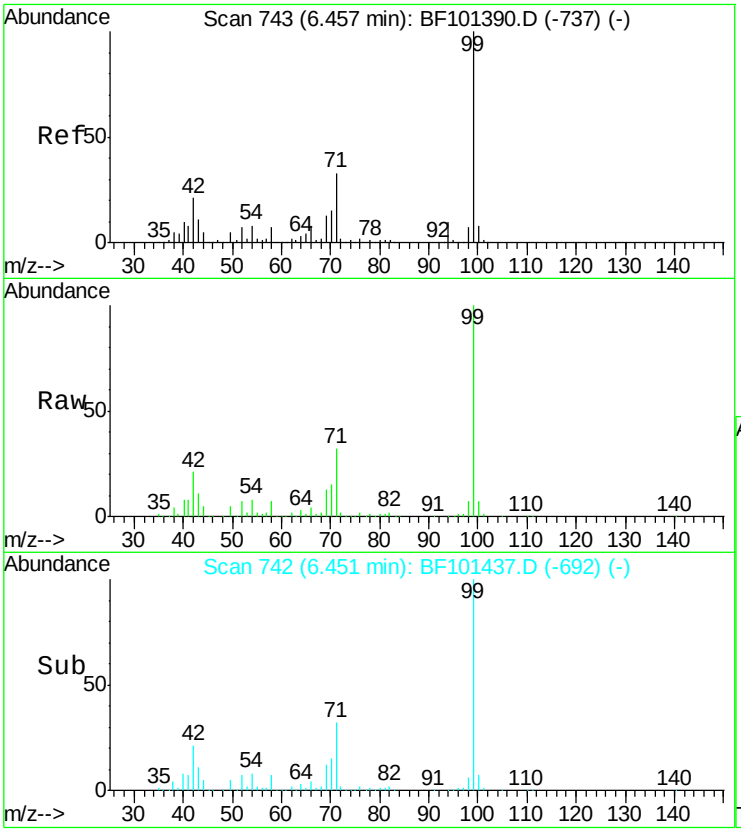


#5
2-Fluorophenol
Concen: 55.428 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Tgt Ion:112 Resp: 634099

Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.9	71.9
63	31.9	23.7	35.5



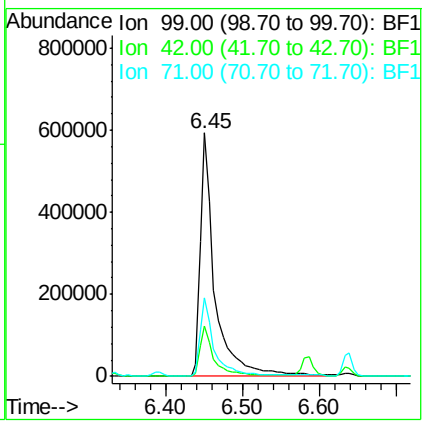


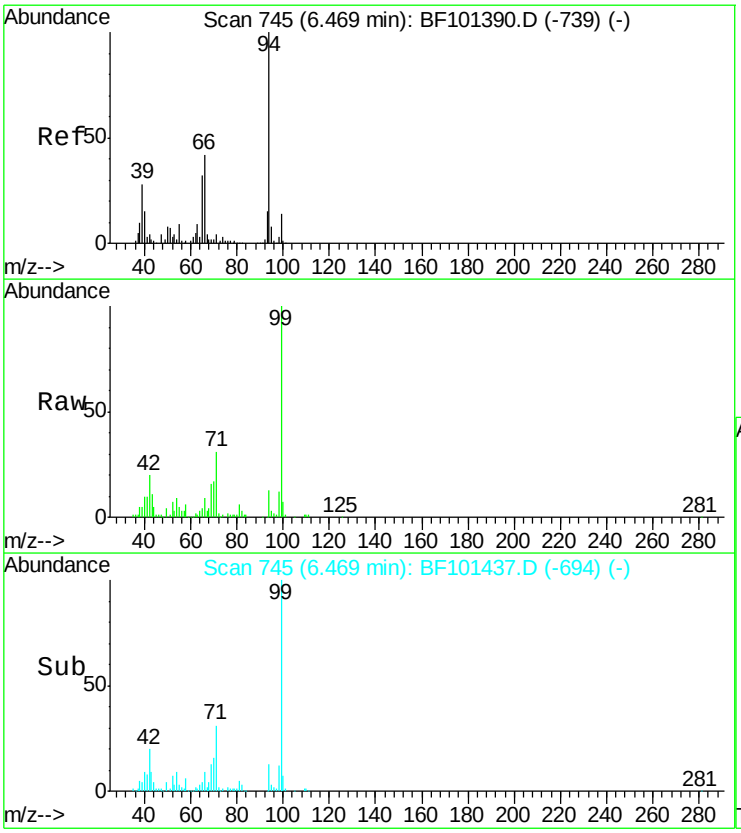
#7
Phenol-d6
Concen: 55.168 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 785463

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	32.3	25.4	38.0

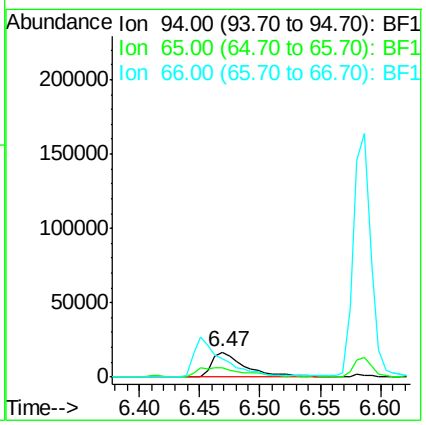


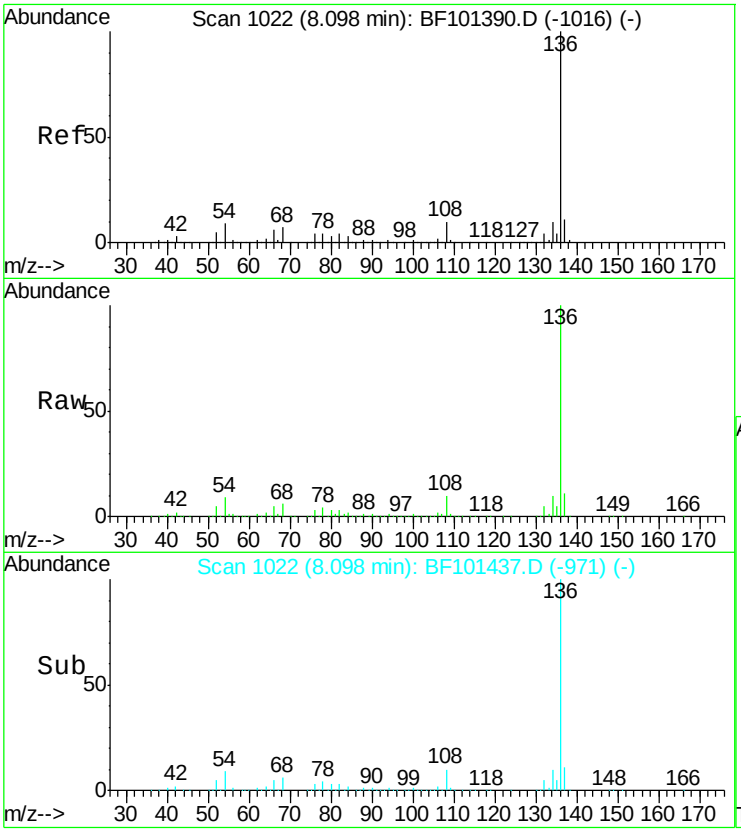


#10
Phenol
Concen: 2.028 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Tgt Ion: 94 Resp: 32902

Ion	Ratio	Lower	Upper
94	100		
65	35.3	7.9	47.9
66	74.2	16.2	56.2#



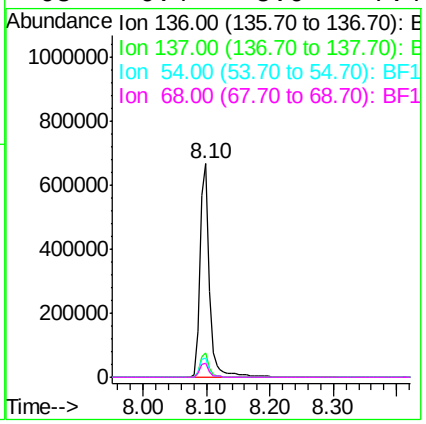


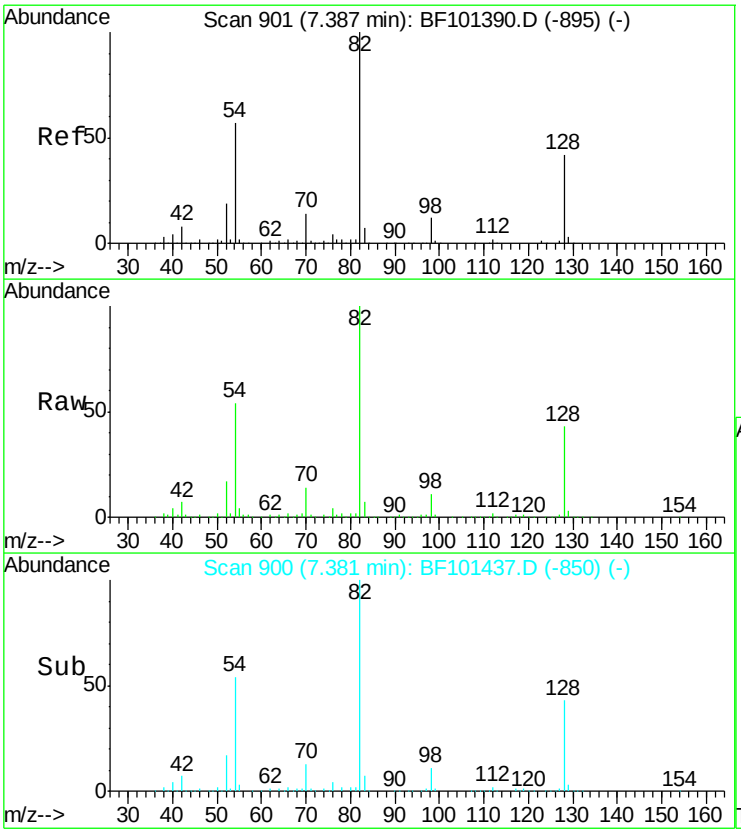
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 671778

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.8	6.6	9.8
68	6.4	5.0	7.4

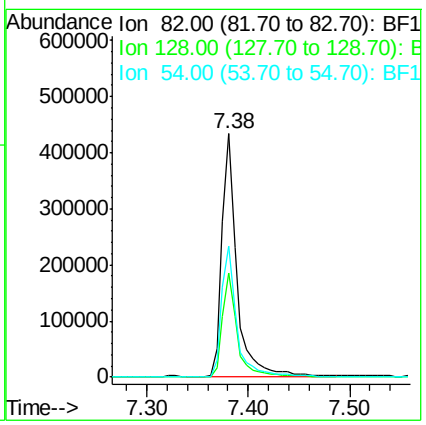


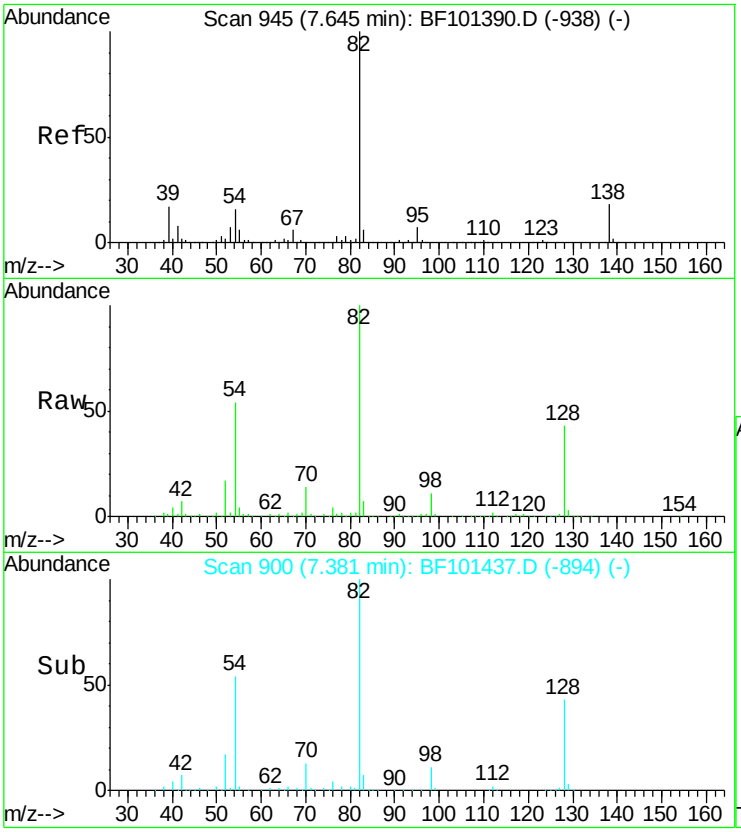


#23
Nitrobenzene-d5
Concen: 36.805 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Tgt Ion: 82 Resp: 444166

Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	53.6	41.4	62.2



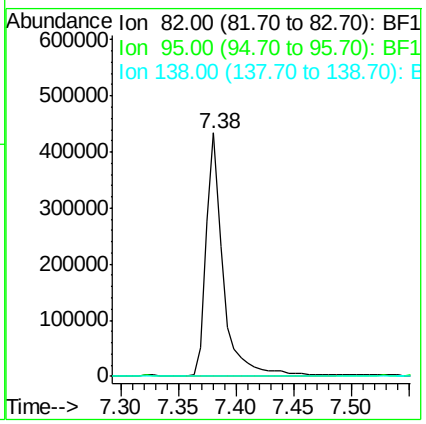


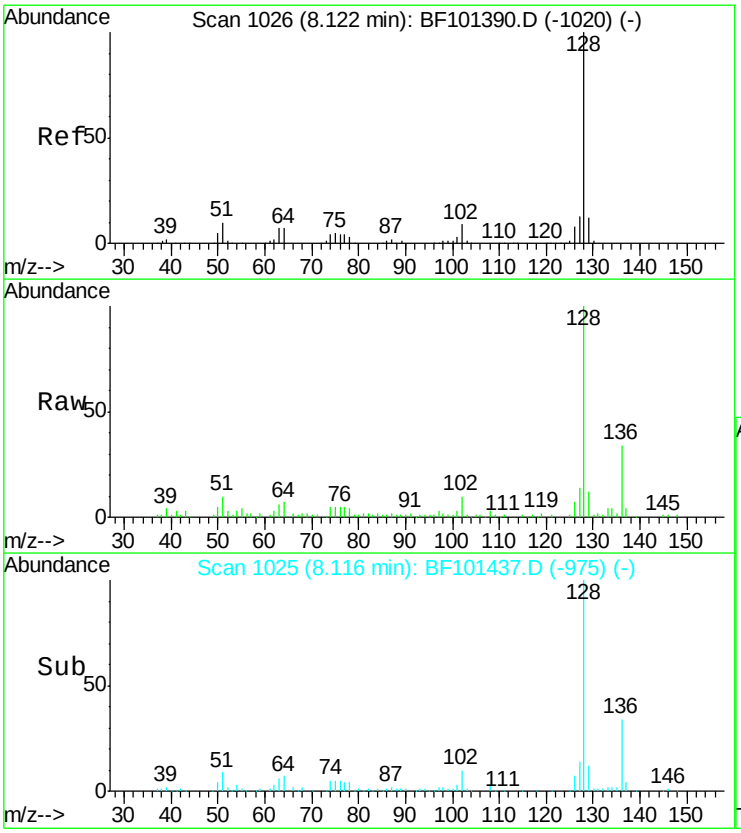
#25
Isophorone
Concen: 18.064 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 437318

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

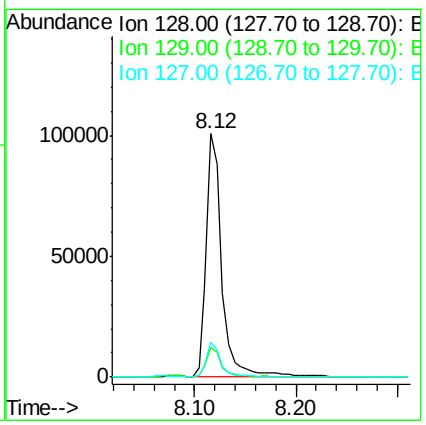


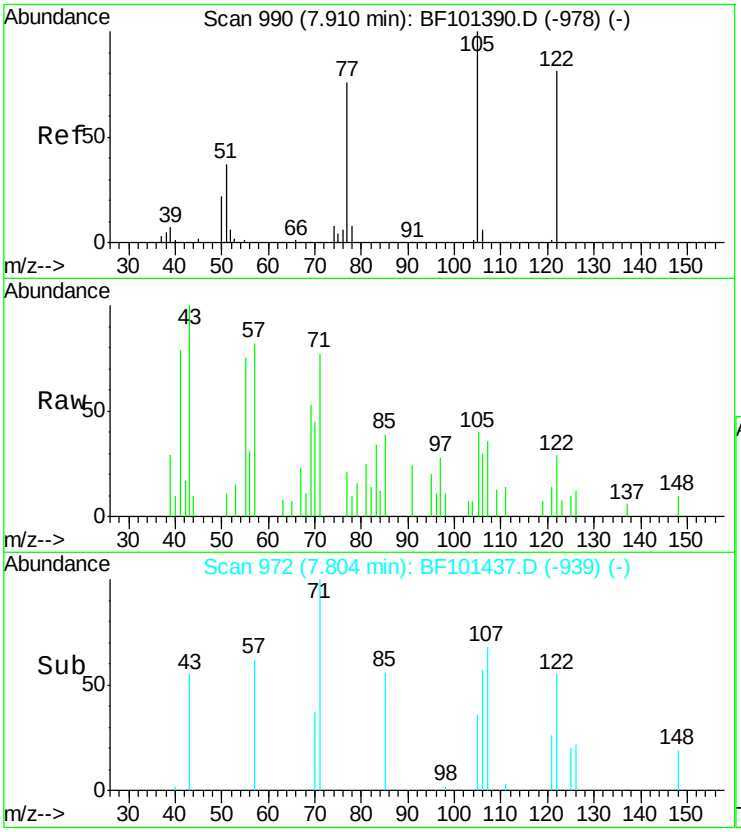


#31
Naphthalene
Concen: 3.209 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Tgt Ion:128 Resp: 108530

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.8	13.2
127	14.1	10.9	16.3



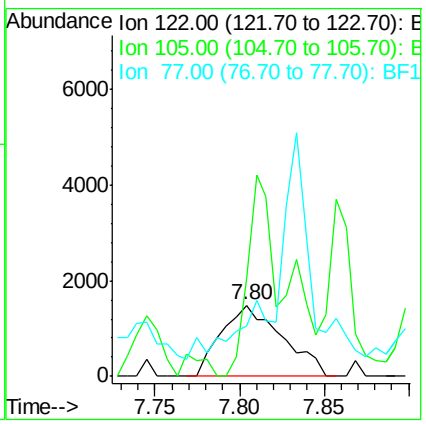


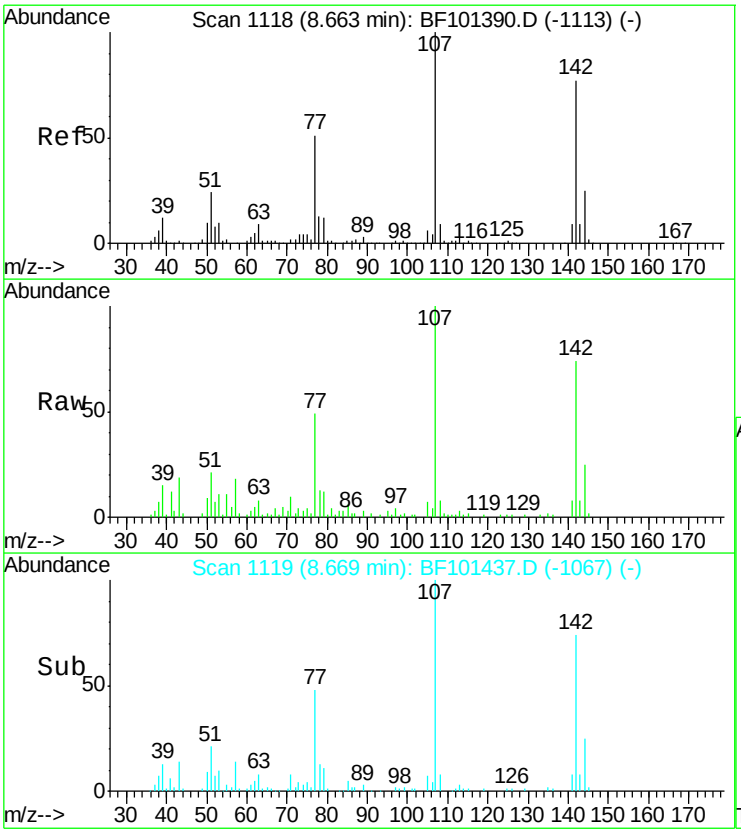
#32
Benzoic acid
Concen: 8.435 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.11 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 3735

Ion	Ratio	Lower	Upper
122	100		
105	136.6	101.1	141.1
77	71.0	70.7	110.7

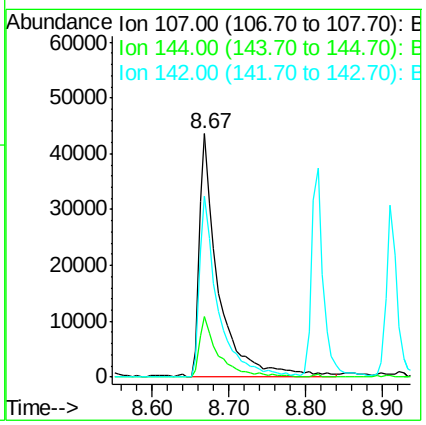


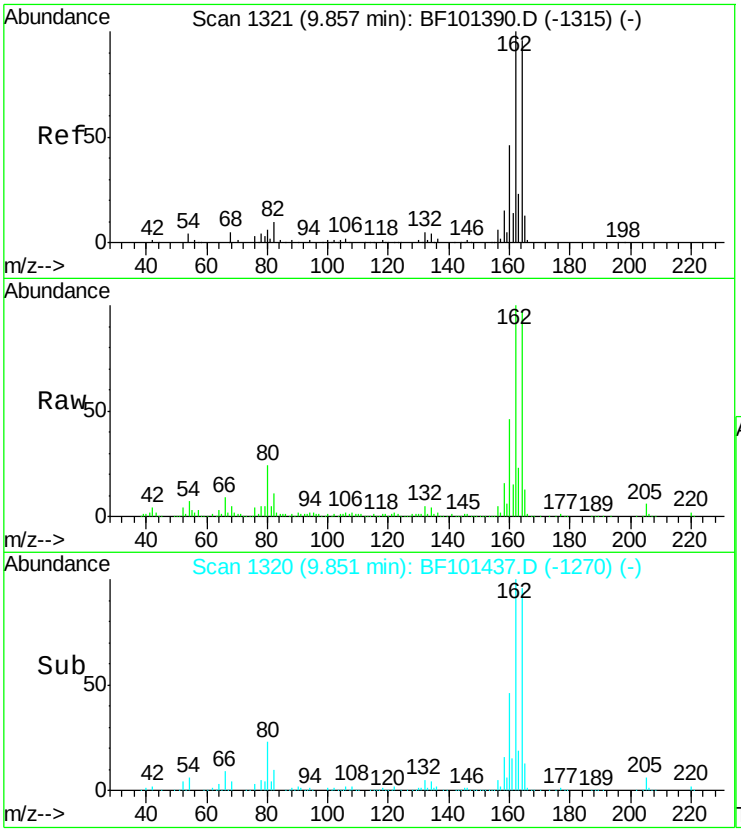


#36
4-Chloro-3-methylphenol
Concen: 7.132 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Tgt Ion:107 Resp: 75490

Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.5	30.7
142	74.3	62.0	93.0



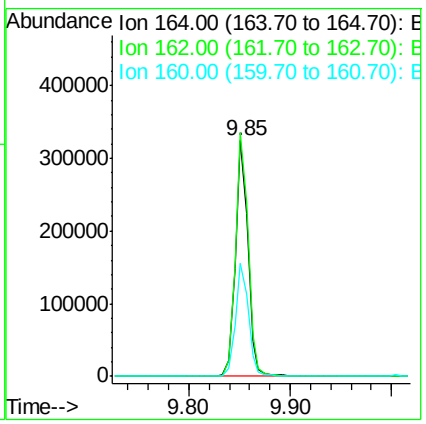


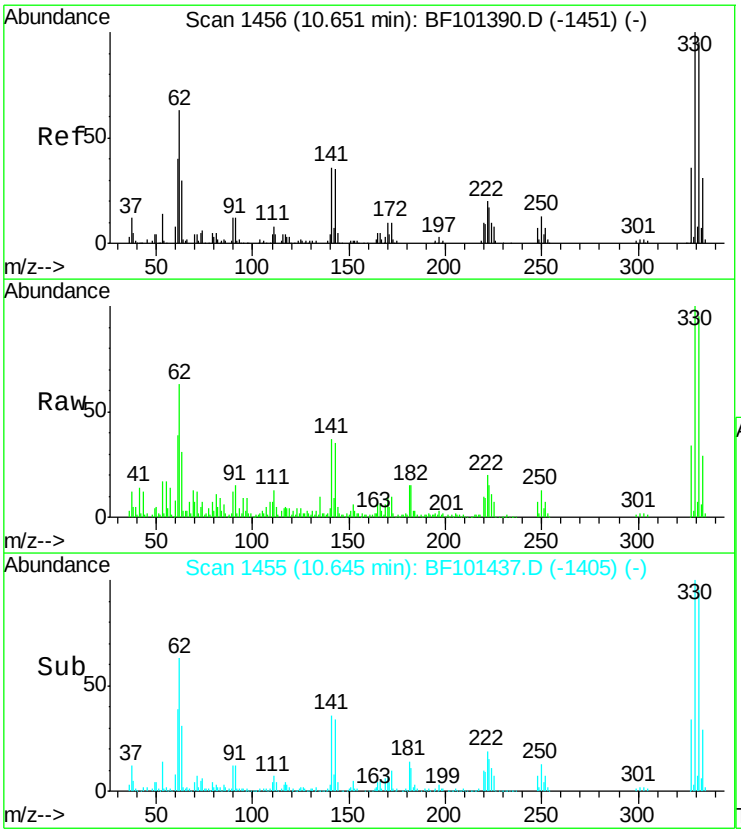
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 281397

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	47.8	38.3	57.5

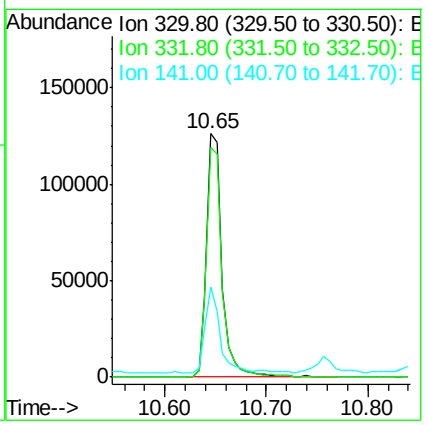


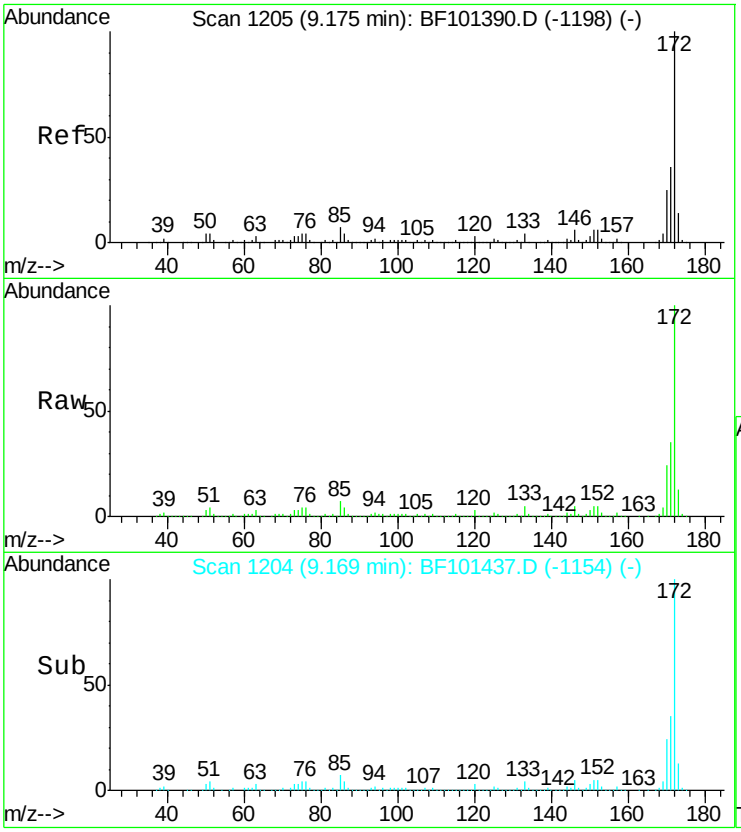


#41
2,4,6-Tribromophenol
Concen: 49.429 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Tgt Ion:330 Resp: 134026

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	35.0	29.9	44.9



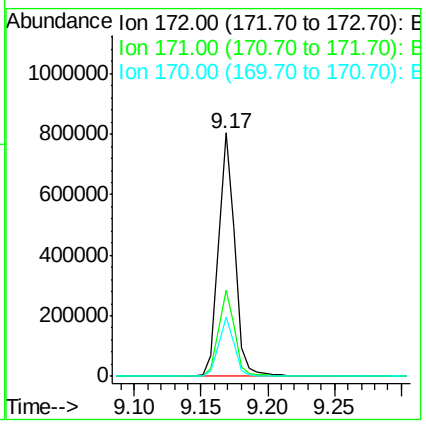


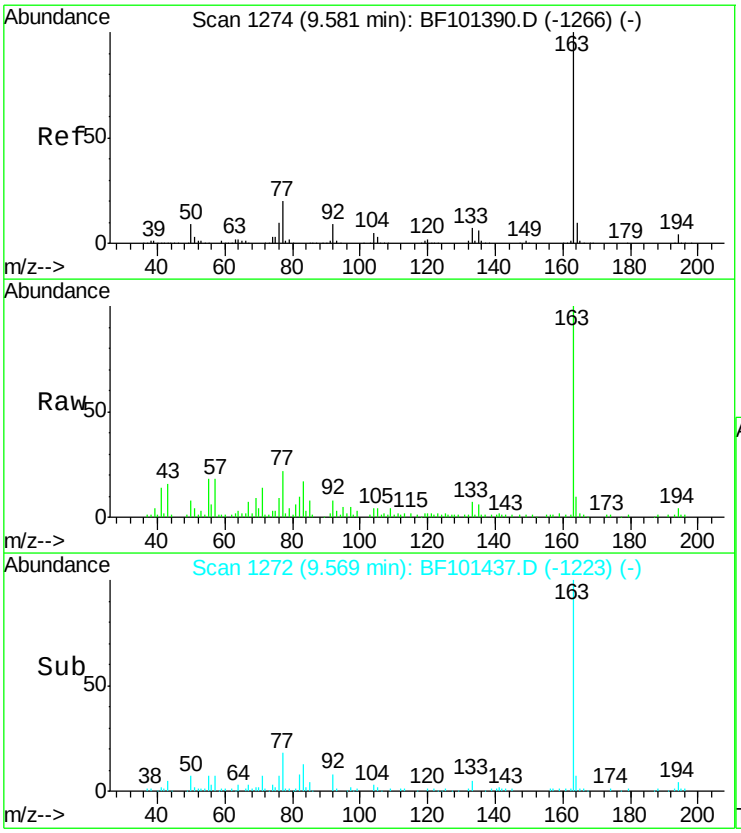
#44
2-Fluorobiphenyl
Concen: 38.361 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 695868

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.1	19.6	29.4

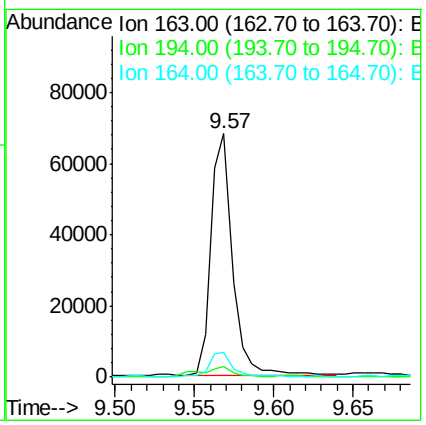


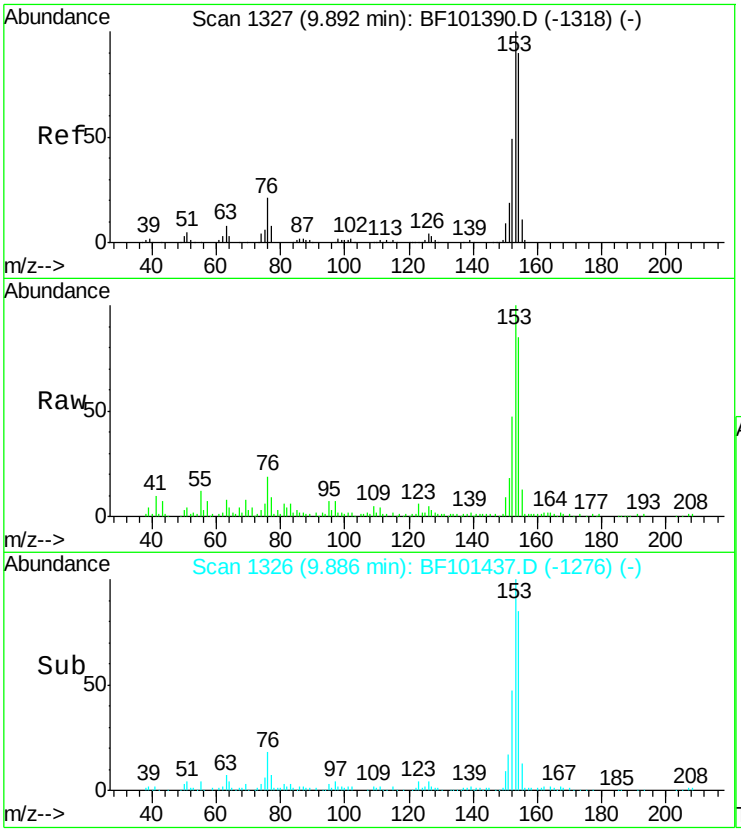


#49
Dimethylphthalate
Concen: 2.831 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Tgt Ion:163 Resp: 64083

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	10.0	8.2	12.2



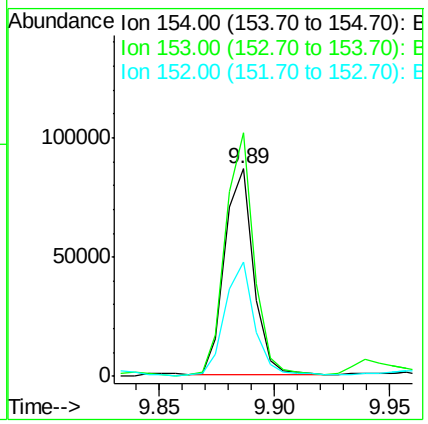


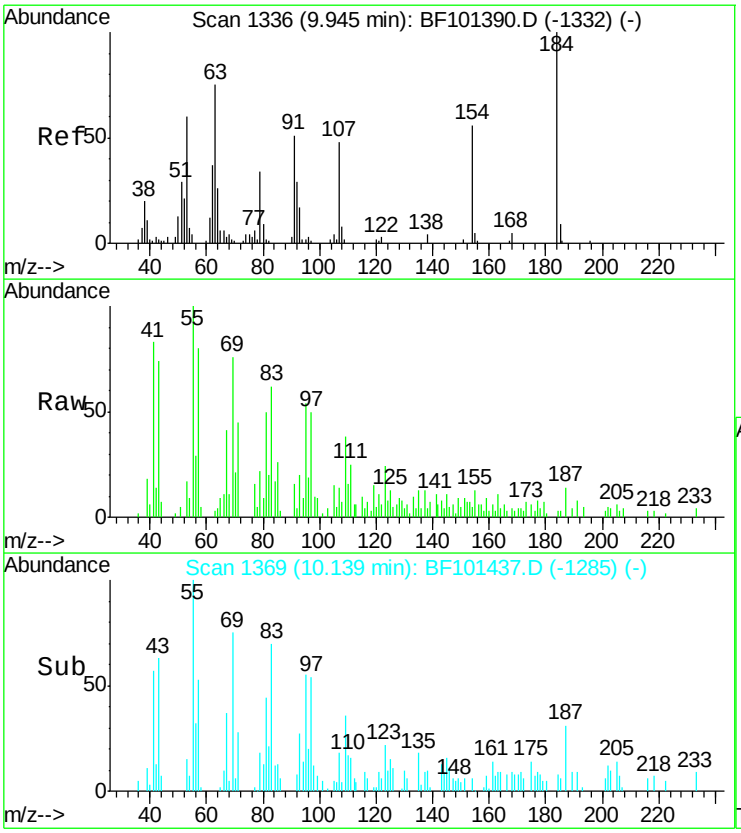
#51
Acenaphthene
Concen: 4.182 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 75772

Ion	Ratio	Lower	Upper
154	100		
153	117.4	91.2	136.8
152	55.2	43.8	65.8

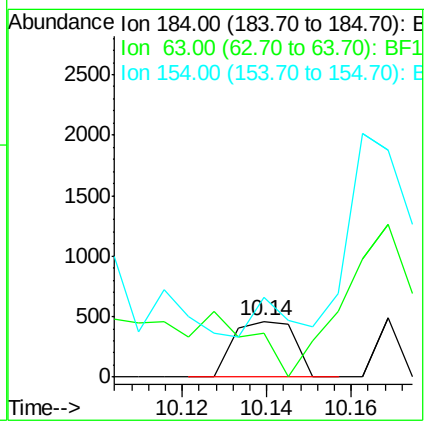


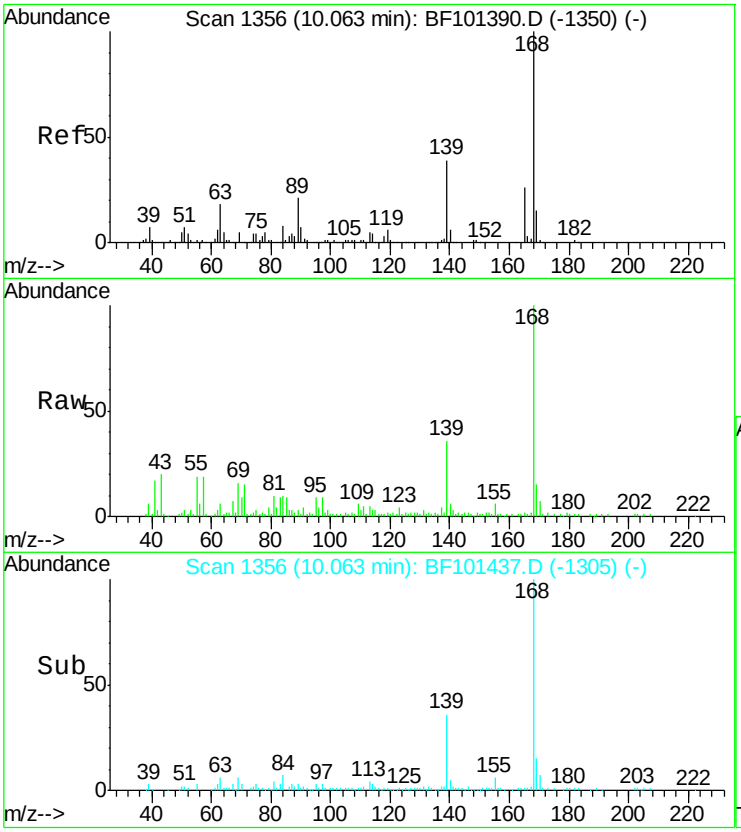


#53
2,4-Dinitrophenol
Concen: 10.570 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.19 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Tgt Ion:184 Resp: 460

Ion	Ratio	Lower	Upper
184	100		
63	78.7	54.2	81.2
154	142.7	184.0	276.0#



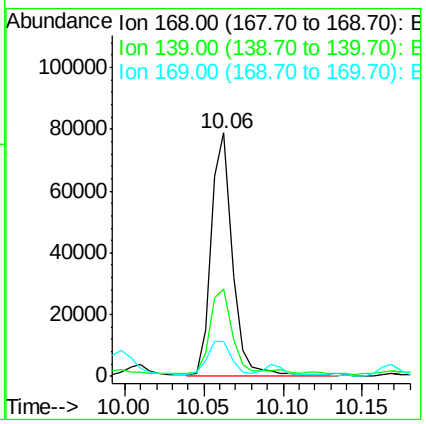


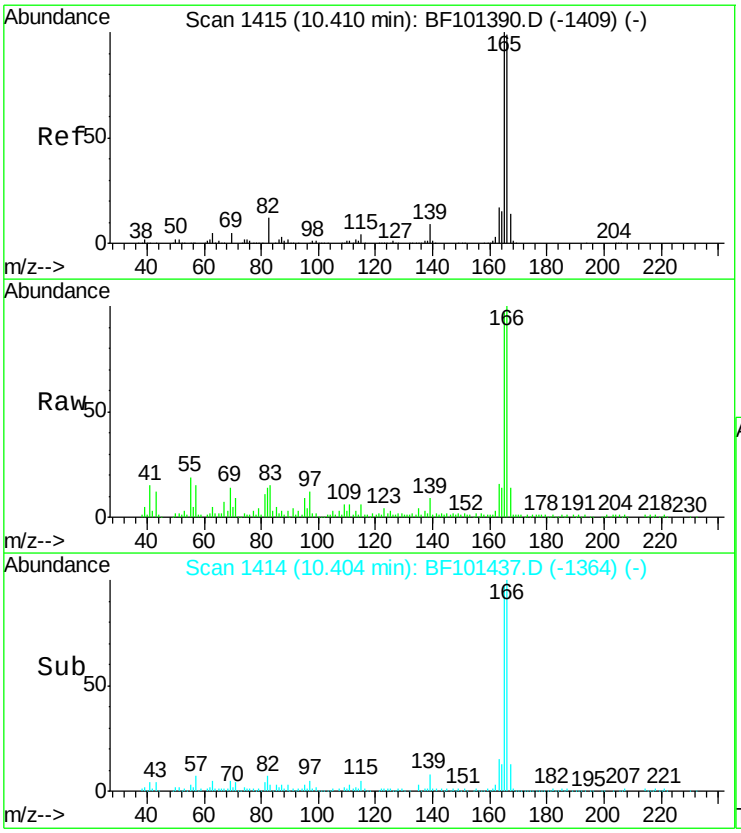
#54
Dibenzofuran
Concen: 3.229 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 74345

Ion	Ratio	Lower	Upper
168	100		
139	36.1	30.1	45.1
169	14.5	10.9	16.3

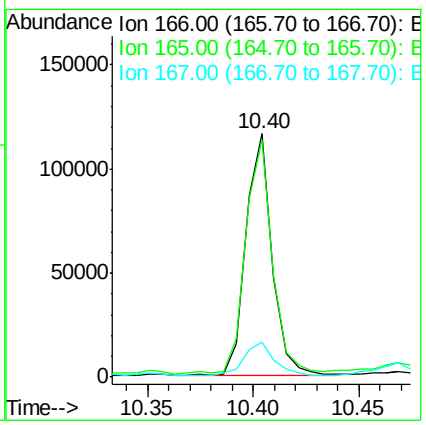


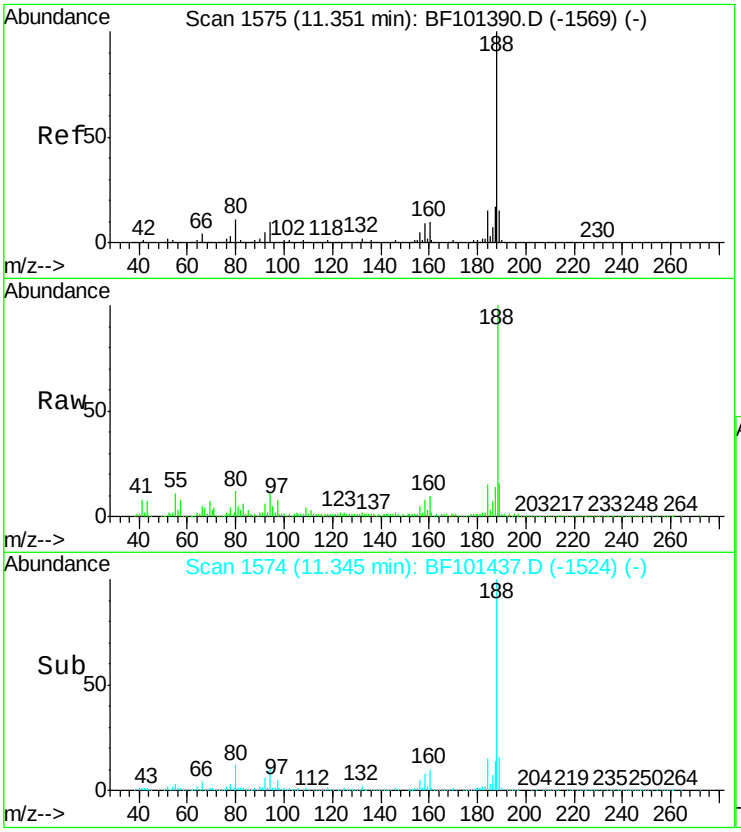


#57
Fluorene
Concen: 5.105 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Tgt Ion:166 Resp: 99454

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.8	119.8
167	14.2	10.6	16.0



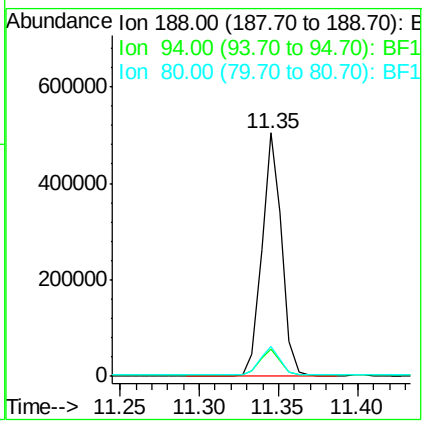


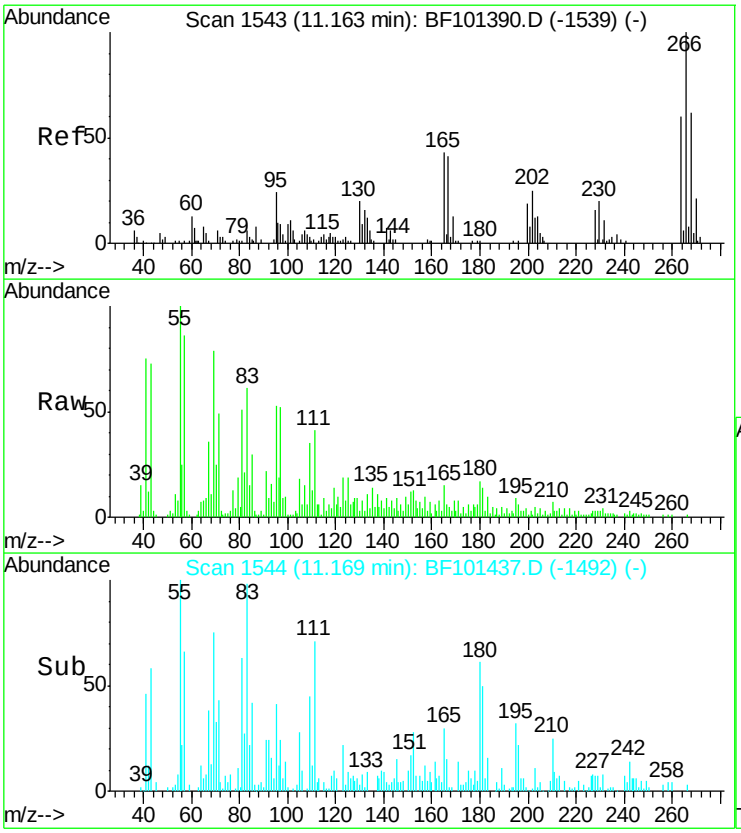
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 438436

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.2	9.2	13.8

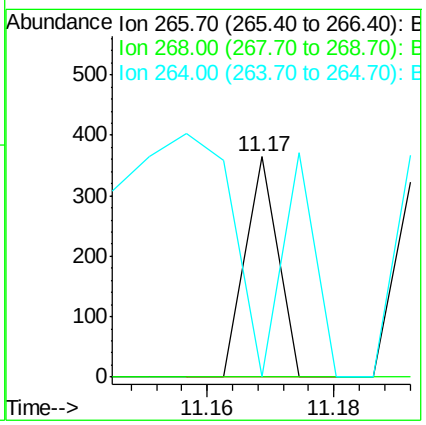


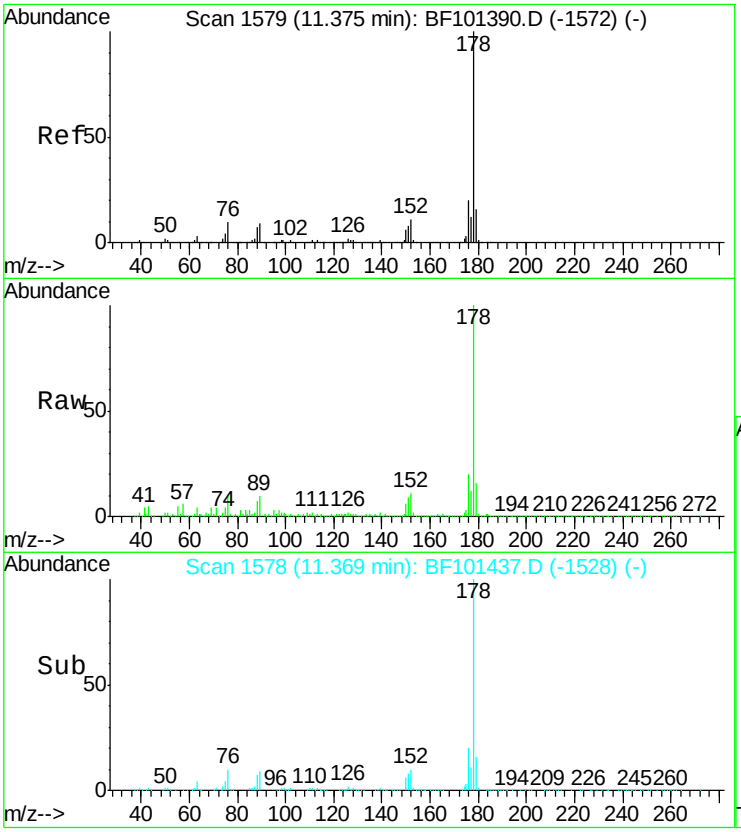


#69
Pentachlorophenol
Concen: 6.615 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Tgt Ion:266 Resp: 128

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	0.0	49.5	74.3#



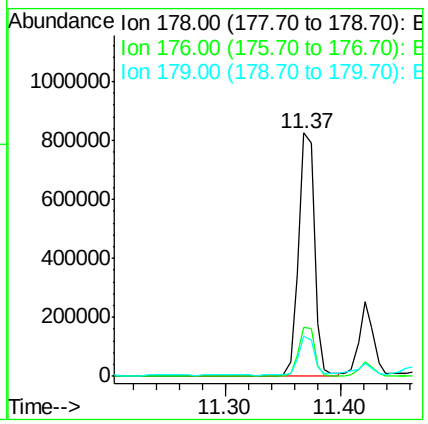


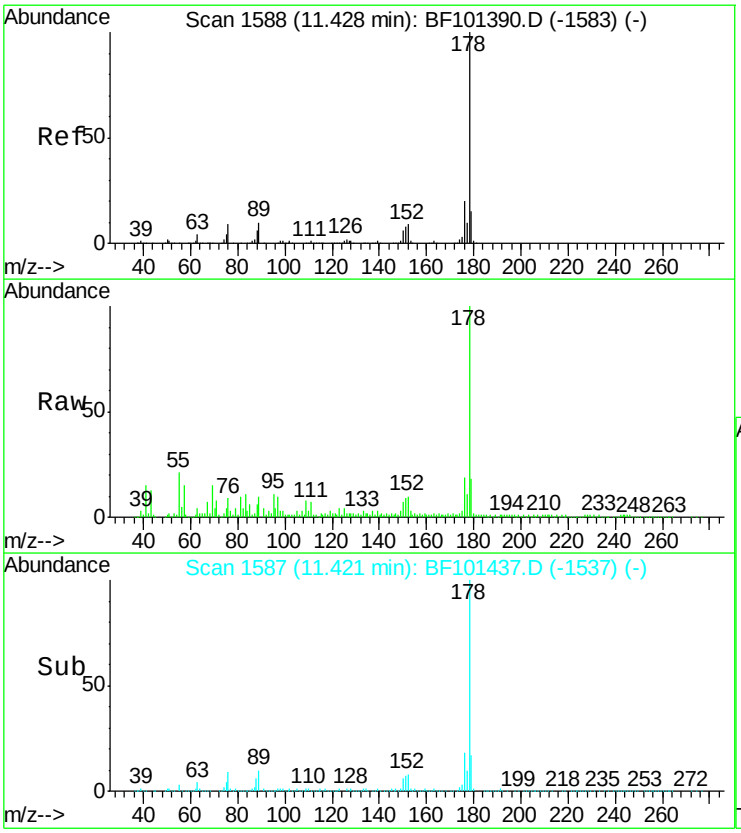
#70
Phenanthrene
Concen: 32.135 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 783513

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	16.3	13.0	19.6

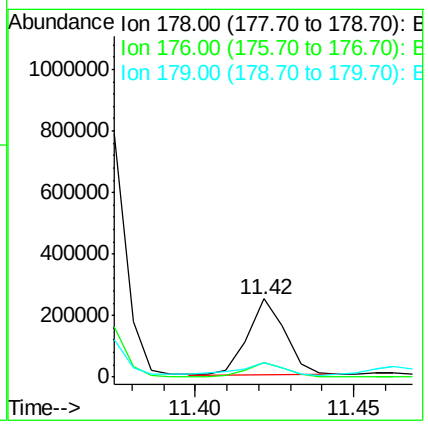


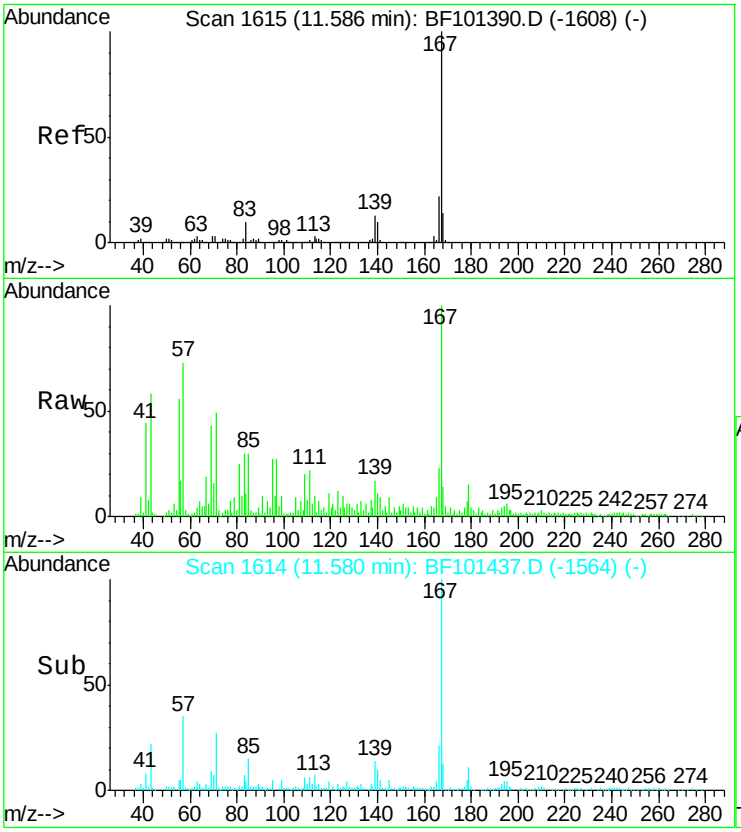


#71
Anthracene
Concen: 8.119 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Tgt Ion:178 Resp: 202198

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	17.8	12.6	19.0



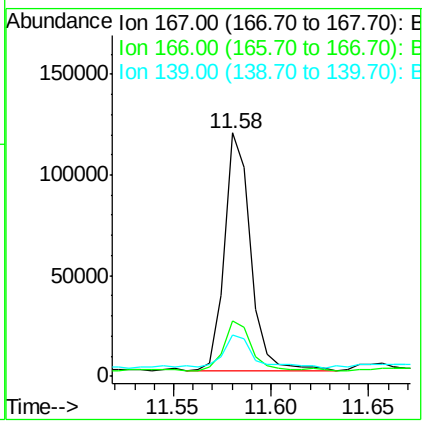


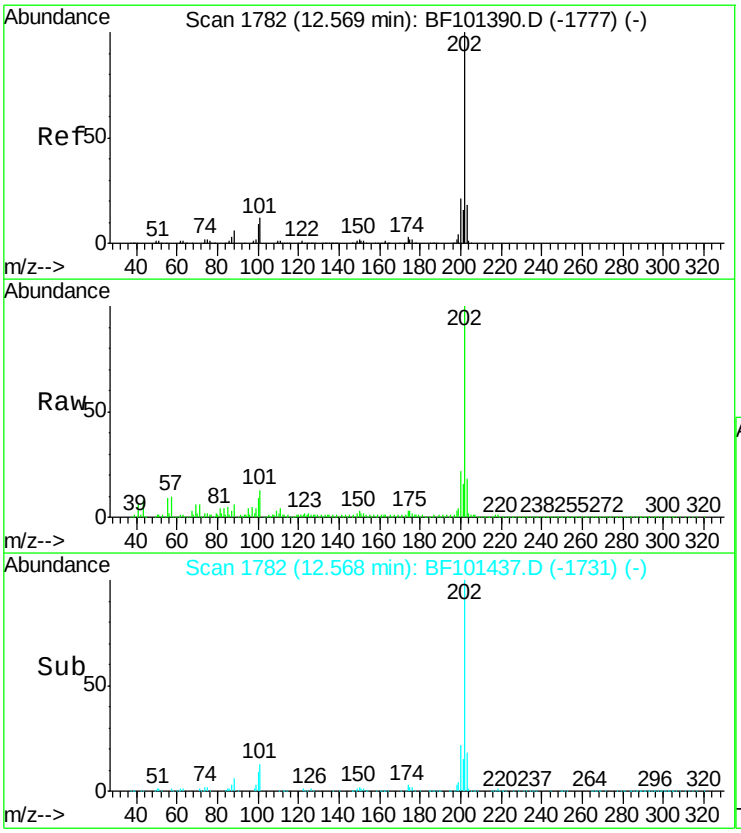
#72
Carbazole
Concen: 4.657 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 108587

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	16.9	10.9	16.3#

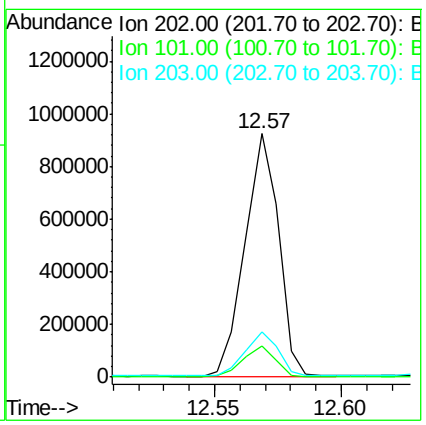


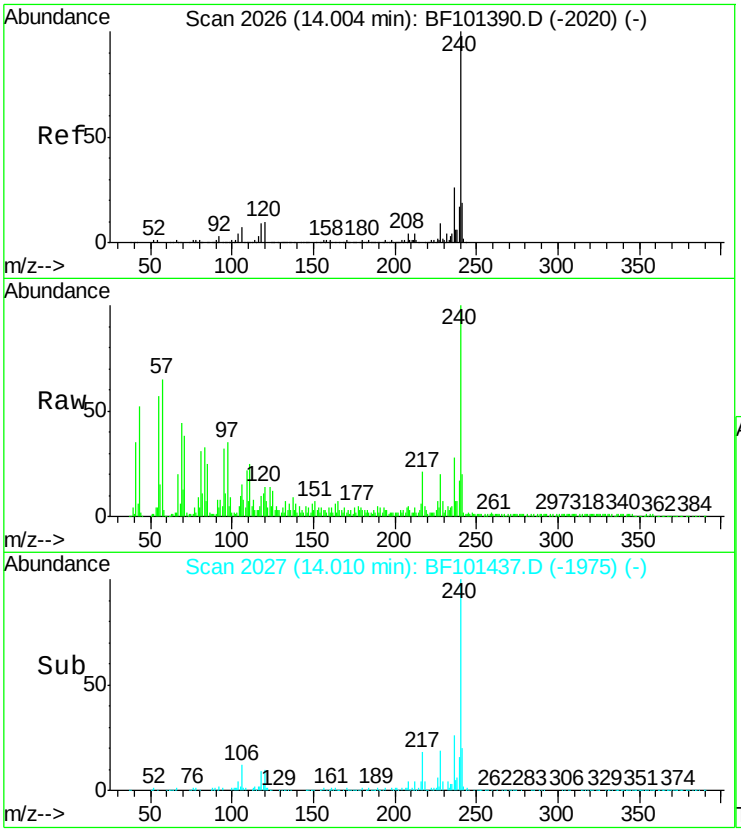


#74
Fluoranthene
Concen: 33.397 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Tgt Ion:202 Resp: 854720

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	18.5	0.0	38.1



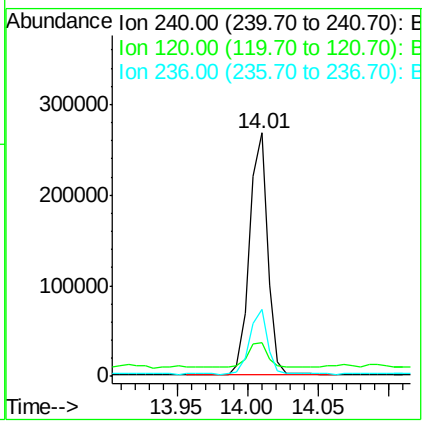


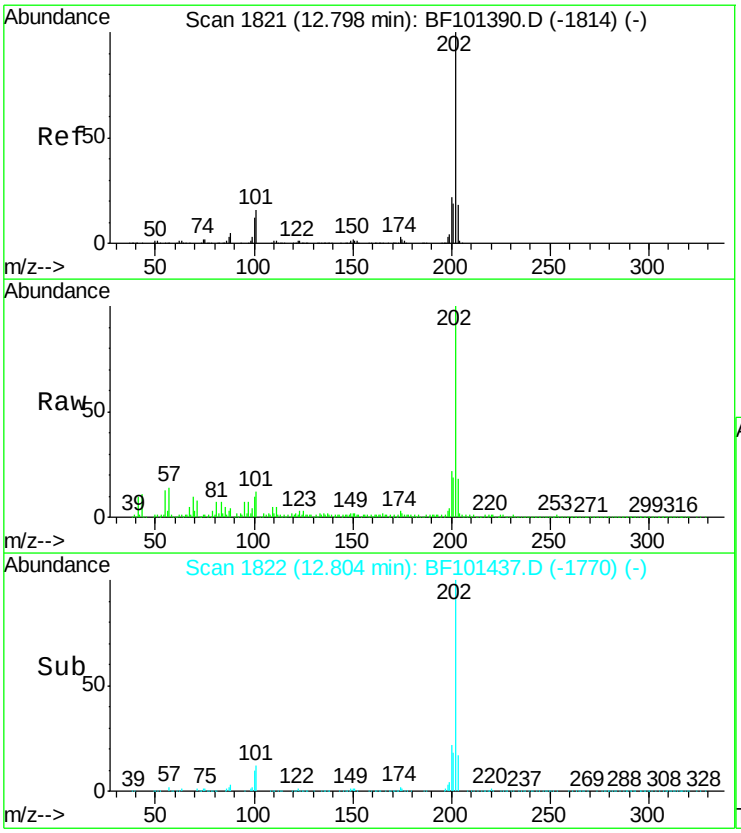
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 242312

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	27.6	20.7	31.1

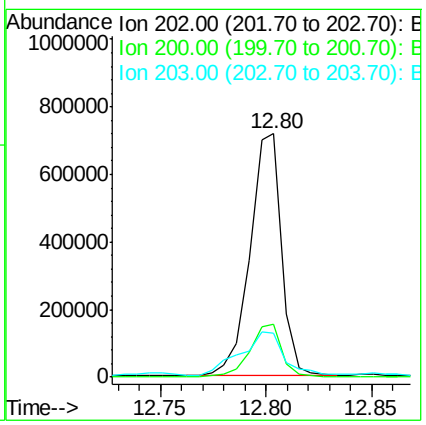


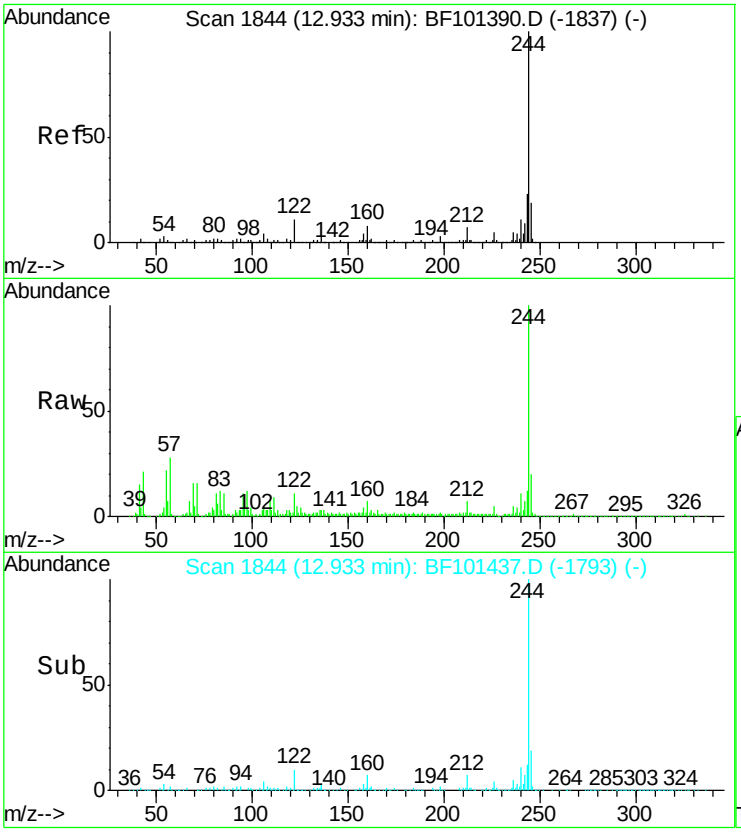


#77
Pyrene
Concen: 41.164 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Tgt Ion:202 Resp: 748582

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.2	14.3	21.5



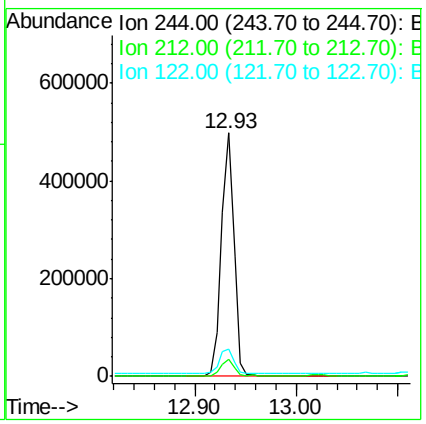


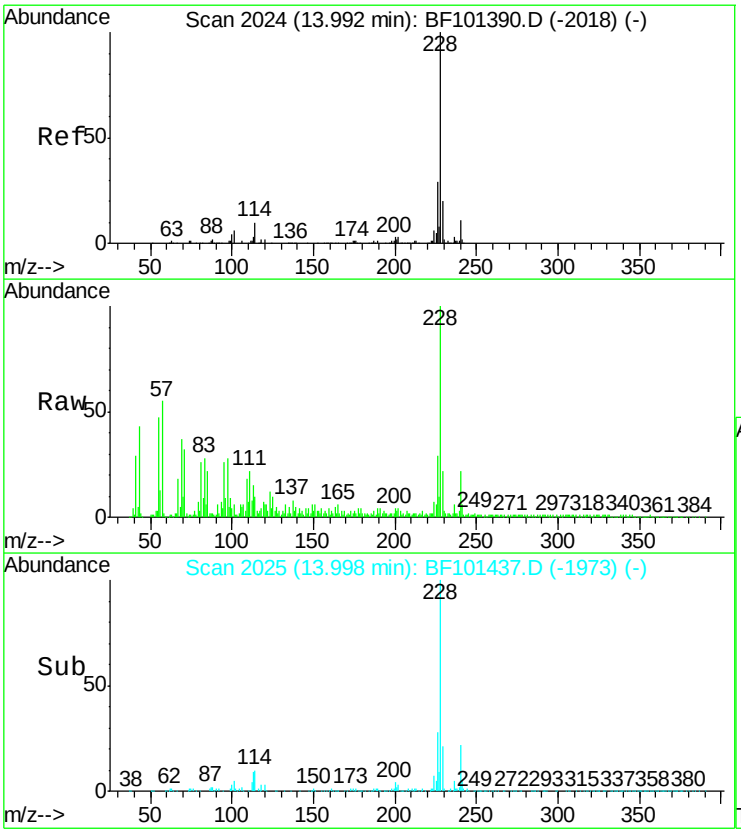
#78
Terphenyl-d14
Concen: 42.513 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 427303

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.4	11.0	16.4

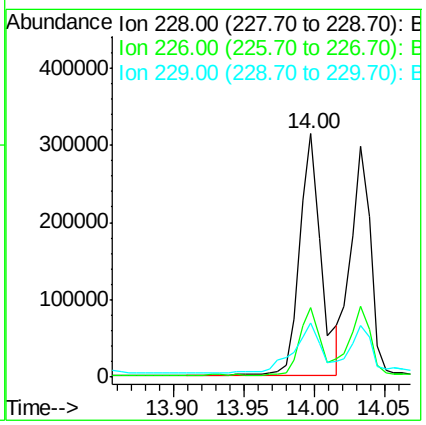


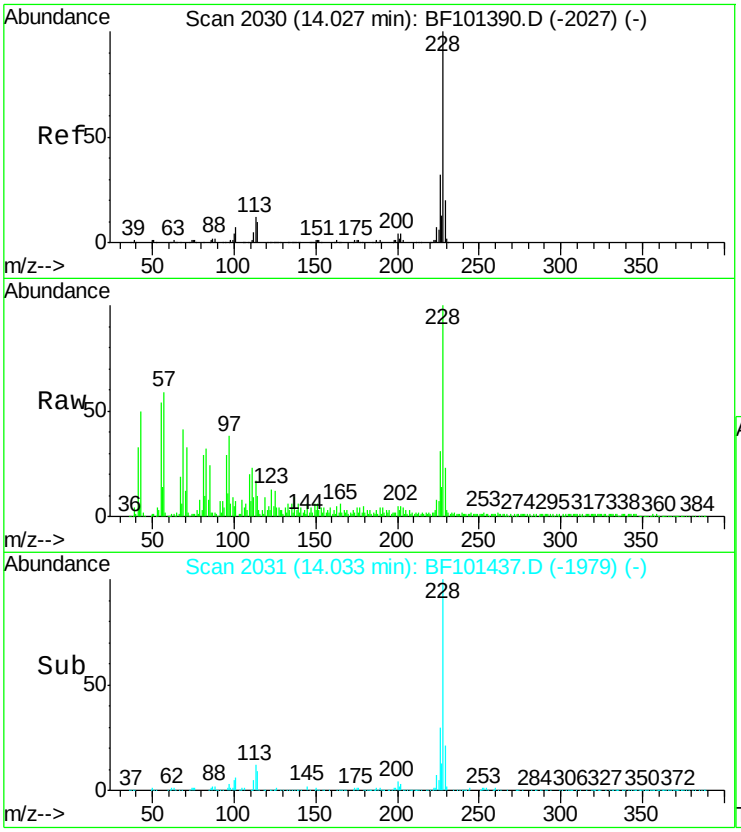


#80
Benzo(a)anthracene
Concen: 20.700 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Tgt Ion:228 Resp: 331208

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	22.1	15.8	23.6



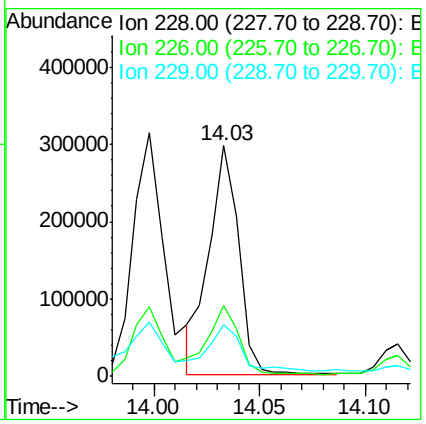


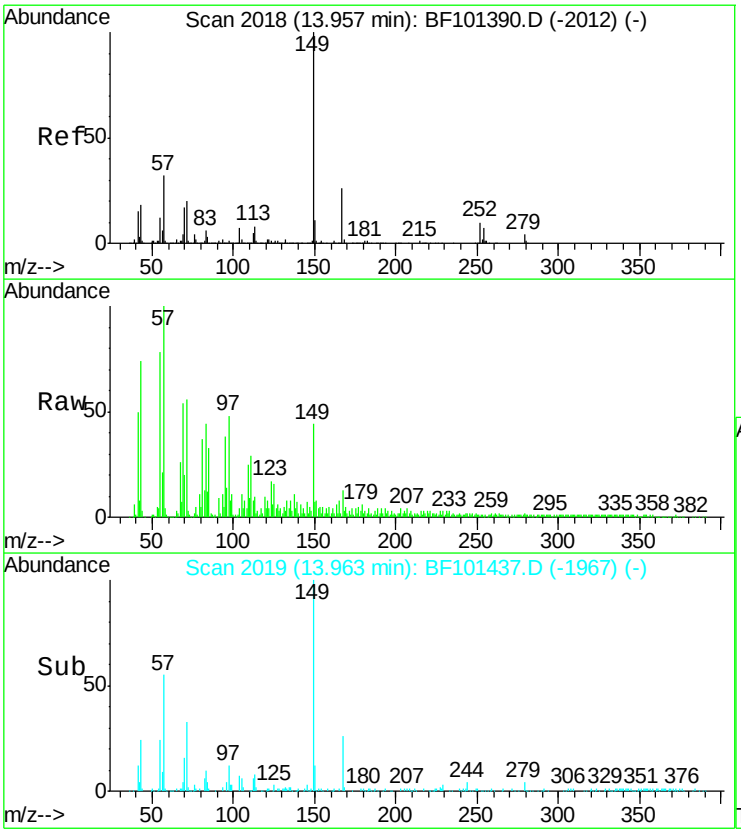
#82
Chrysene
Concen: 19.280 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 291268

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.6	16.2	24.4

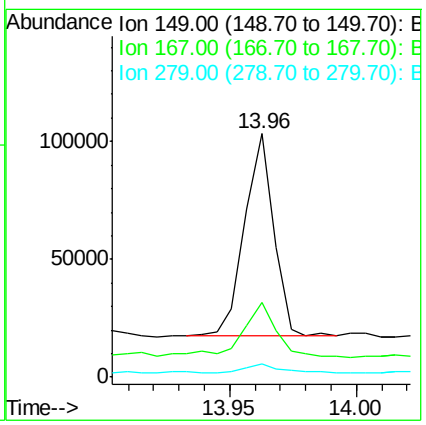


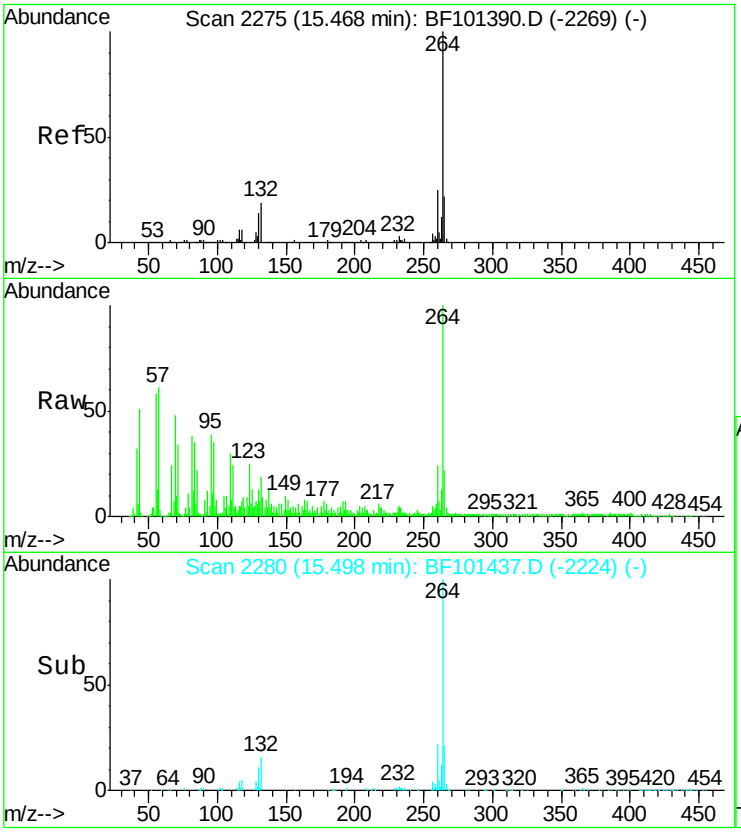


#83
Bis(2-ethylhexyl)phthalate
Concen: 6.661 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Tgt Ion:149 Resp: 69428

Ion	Ratio	Lower	Upper
149	100		
167	30.6	21.3	31.9
279	5.5	3.0	4.4#



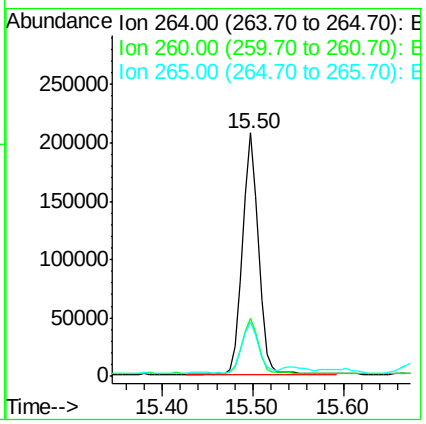


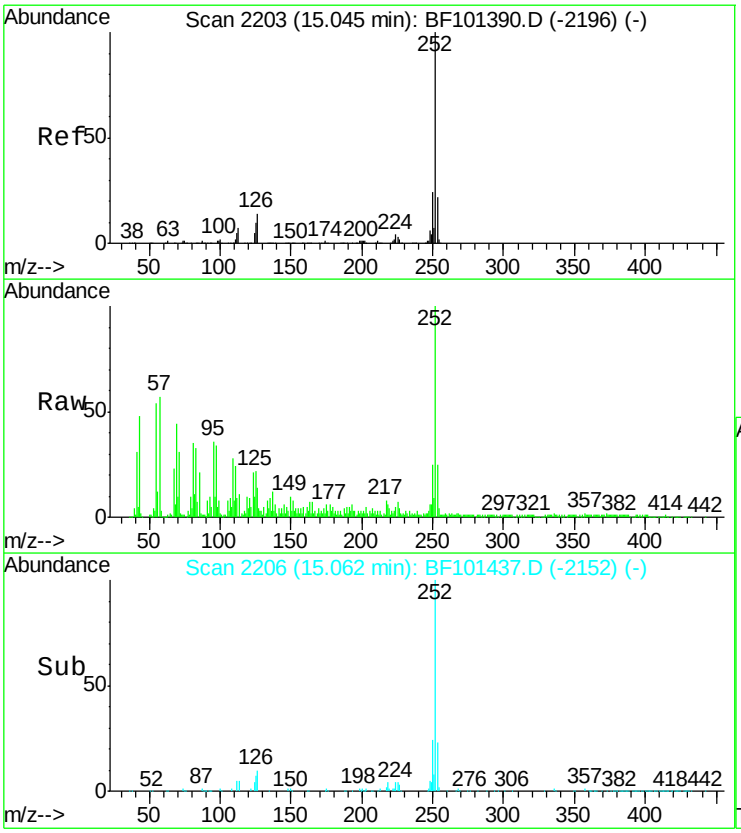
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.03 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 259105

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	17.5	26.3

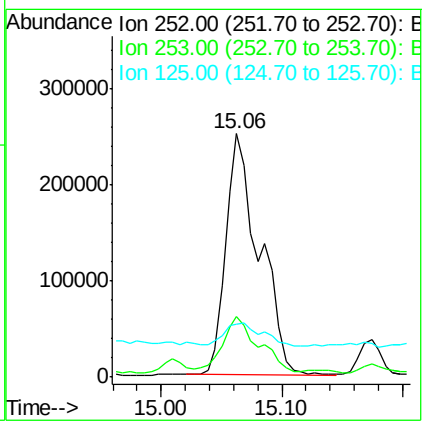


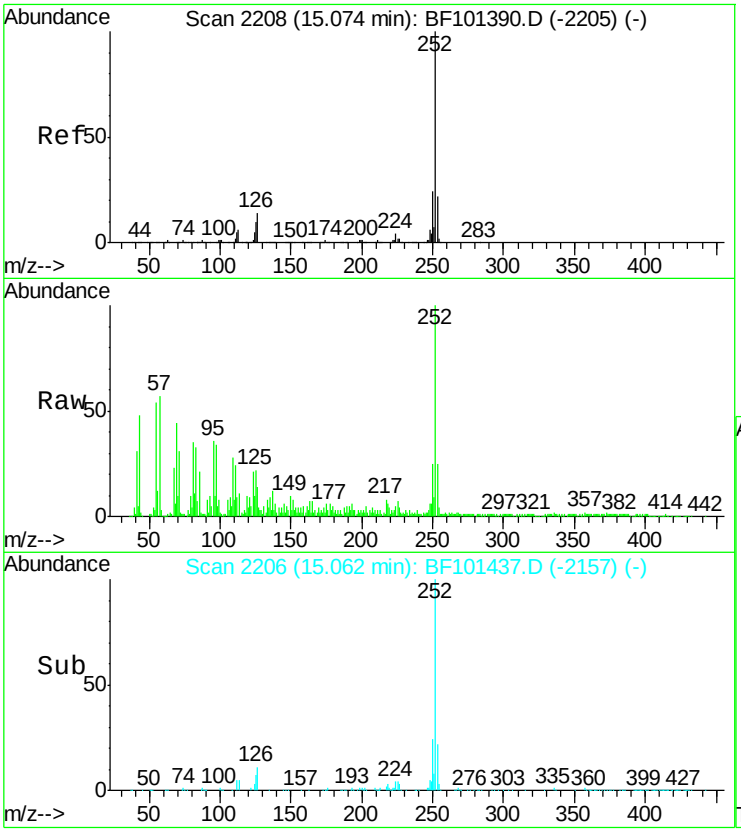


#87
Benzo(b)fluoranthene
Concen: 30.539 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.02 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Tgt Ion:252 Resp: 482297

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.6
125	21.8	9.0	13.6#



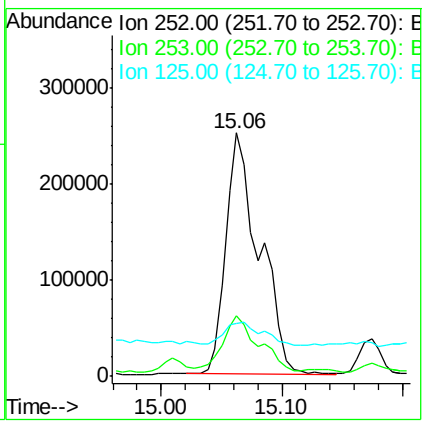


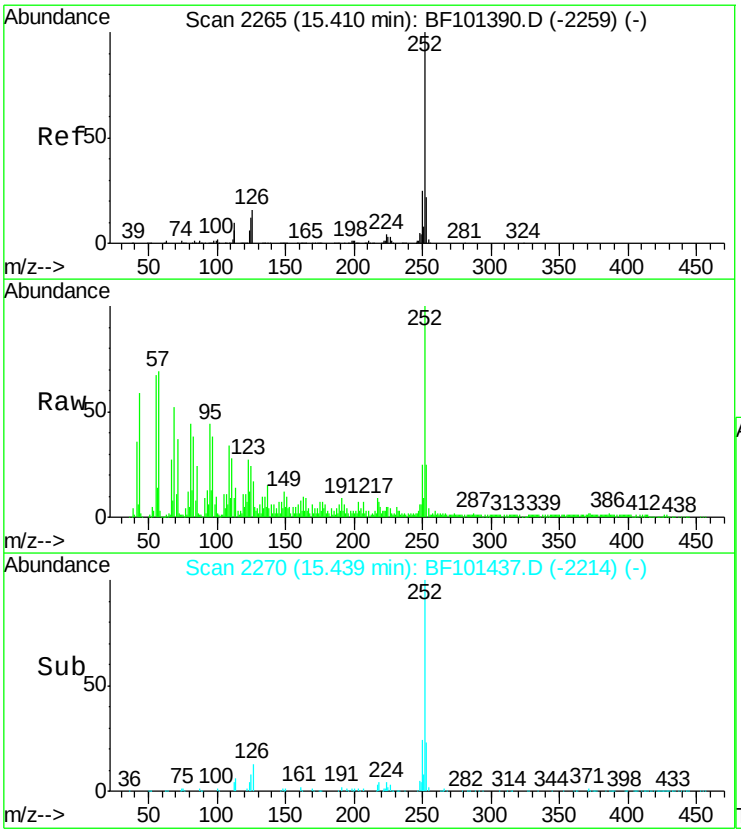
#88
Benzo(k)fluoranthene
Concen: 31.409 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 482297

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	21.8	10.2	15.2#

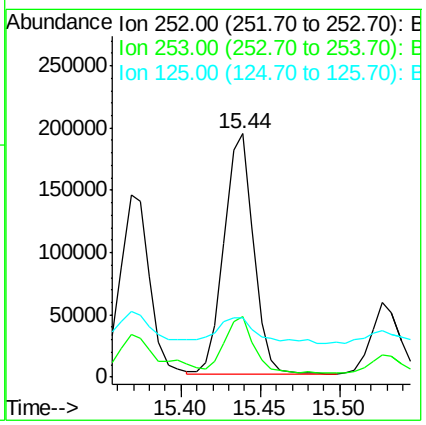


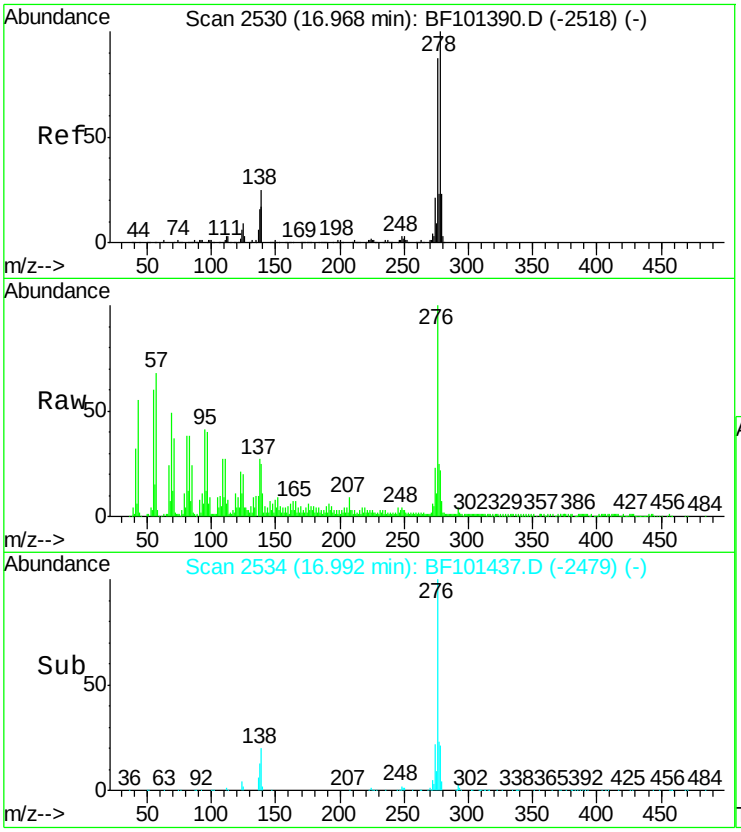


#89
Benzo(a)pyrene
Concen: 17.060 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.03 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Tgt Ion:252 Resp: 248379

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	24.3	9.8	14.6#



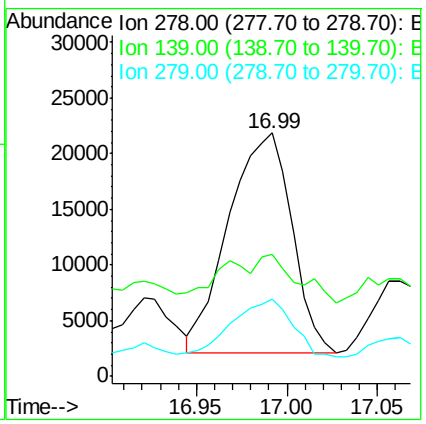


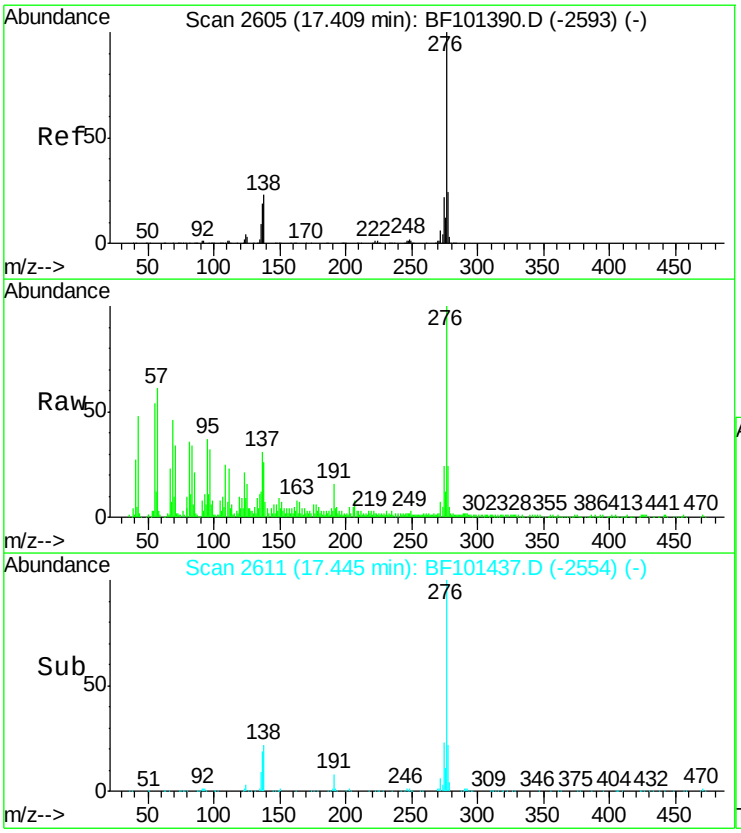
#90
Dibenzo(a,h)anthracene
Concen: 3.828 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.02 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 47848

Ion	Ratio	Lower	Upper
278	100		
139	50.0	15.9	23.9#
279	31.6	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 15.751 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.04 min
Lab File: BF101437.D
Acq: 15 Dec 2017 11:32

Tgt Ion:276 Resp: 194956

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	26.0	21.8	32.8