Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101639.D
Acq On : 22 Dec 2017 7:08
Operator : SJ/JU
Sample : I6966-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 22 08:06:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	136109	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	482260	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	173400	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	275154	20.00	ng		0.00
75) Chrysene-d12	13.99	240	202646	20.00	ng		0.02
86) Perylene-d12	15.49	264	179400	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	896024	98.06	ng		0.01
7) Phenol-d6	6.44	99	1040150	91.47	ng		0.00
23) Nitrobenzene-d5	7.37	82	611662	70.60	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	152078	91.02	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	801462	71.70	ng		0.00
78) Terphenyl-d14	12.92	244	584929	69.59	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	17849	2.125	ng		81
10) Phenol	6.45	94	44247	3.414	ng	#	69
19) n-Nitroso-di-n-propylamine	7.37	70	82205	11.007	ng	#	83
25) Isophorone	7.37	82	606672	34.907	ng	#	64
31) Naphthalene	8.10	128	133890	5.515	ng		99
32) Benzoic acid	7.91	122	913	8.122	ng	#	76
37) 2-Methylnaphthalene	8.79	142	67185	4.247	ng		100
49) Dimethylphthalate	9.55	163	47908	3.435	ng		99
51) Acenaphthene	9.87	154	42279	3.786	ng		99
53) 2,4-Dinitrophenol	10.12	184	497	10.759	ng	#	22
54) Dibenzofuran	10.05	168	47396	3.340	ng		94
57) Fluorene	10.39	166	64837	5.401	ng		97
69) Pentachlorophenol	10.94	266	428	6.865	ng	#	19
70) Phenanthrene	11.35	178	423019	27.645	ng		100
71) Anthracene	11.40	178	87233	5.581	ng		97
72) Carbazole	11.57	167	42782	2.923	ng	#	86
74) Fluoranthene	12.55	202	421065	26.216	ng		98
77) Pyrene	12.79	202	385642	25.357	ng		98
80) Benzo(a)anthracene	13.99	228	175653	13.127	ng	#	93
82) Chrysene	14.02	228	178326	14.115	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.97	276	69752	6.200	ng	#	89
87) Benzo(b)fluoranthene	15.05	252	207981	19.020	ng	#	66
88) Benzo(k)fluoranthene	15.05	252	207981	19.562	ng	#	69
89) Benzo(a)pyrene	15.42	252	110750	10.987	ng	#	61
90) Dibenzo(a,h)anthracene	16.96	278	20322	2.348	ng	#	25
91) Benzo(g,h,i)perylene	17.42	276	69671	8.130	ng	#	84

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

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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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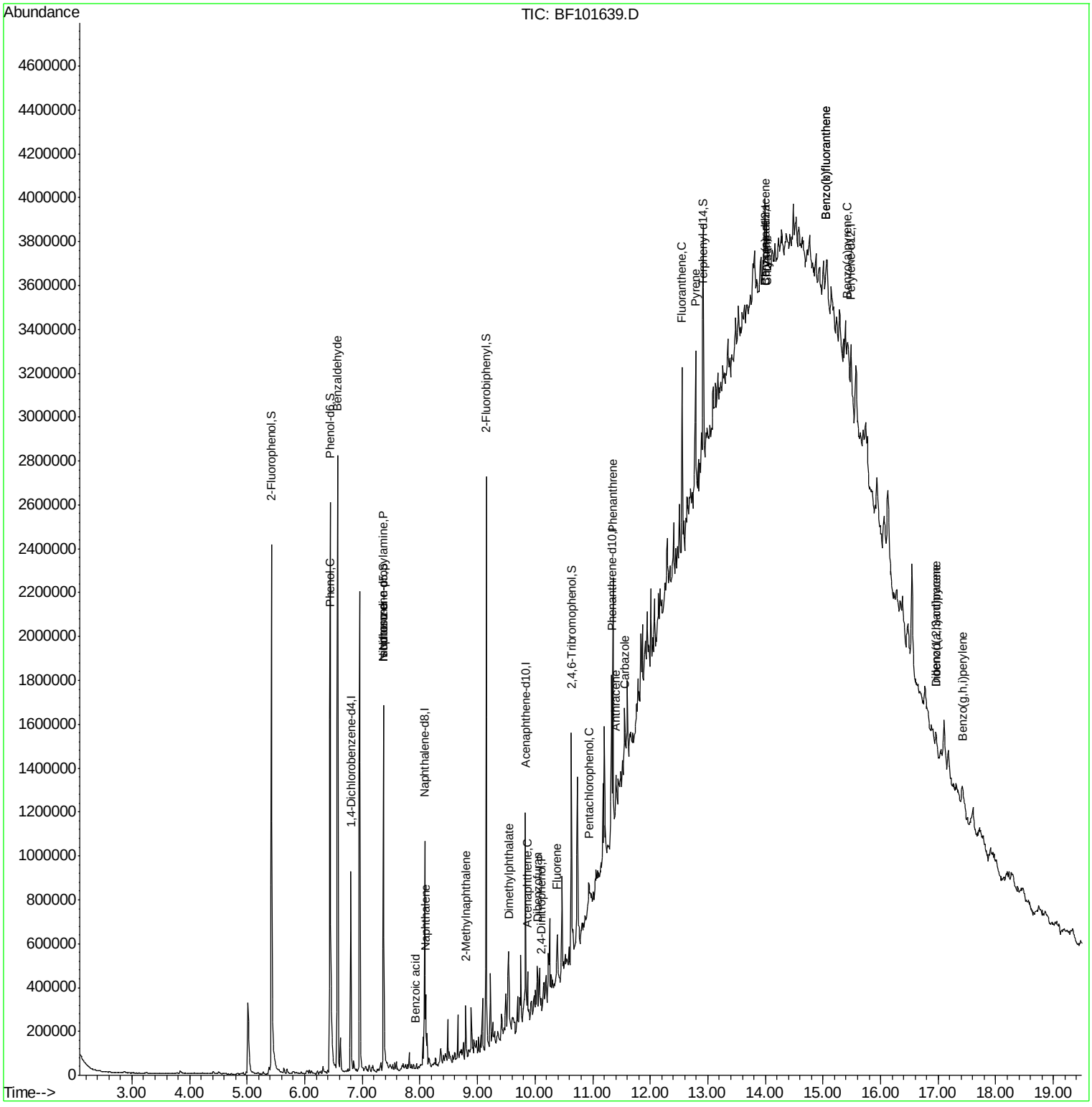
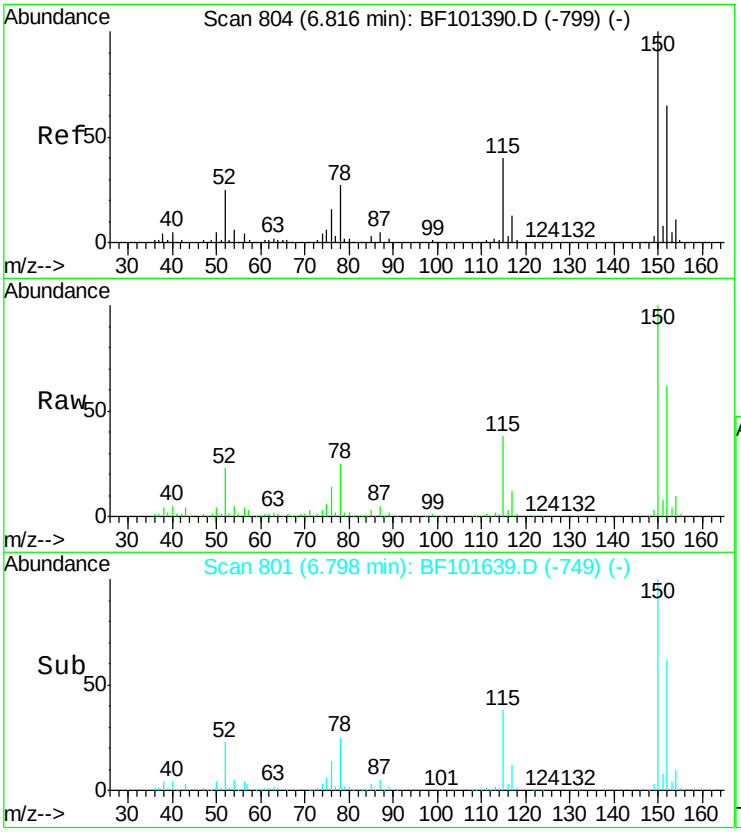
Quant Time: Dec 22 08:06:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration



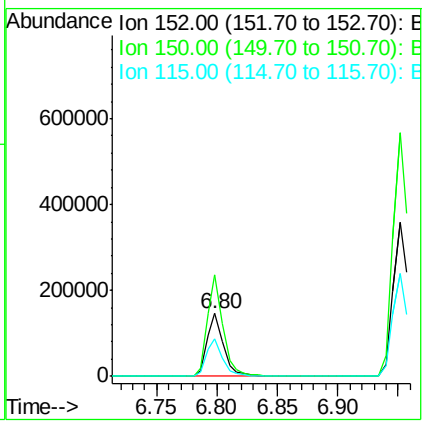


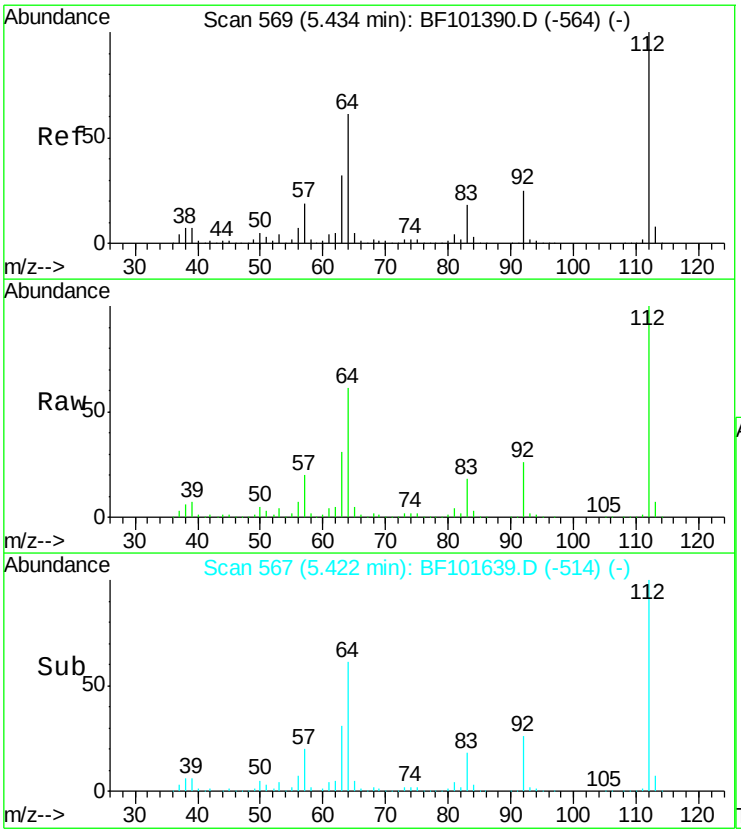
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 136109

Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.6	186.8
115	60.8	50.1	75.1

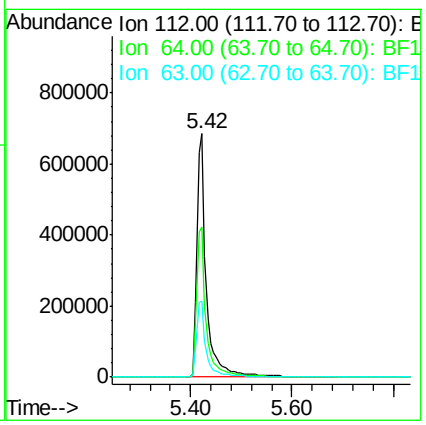


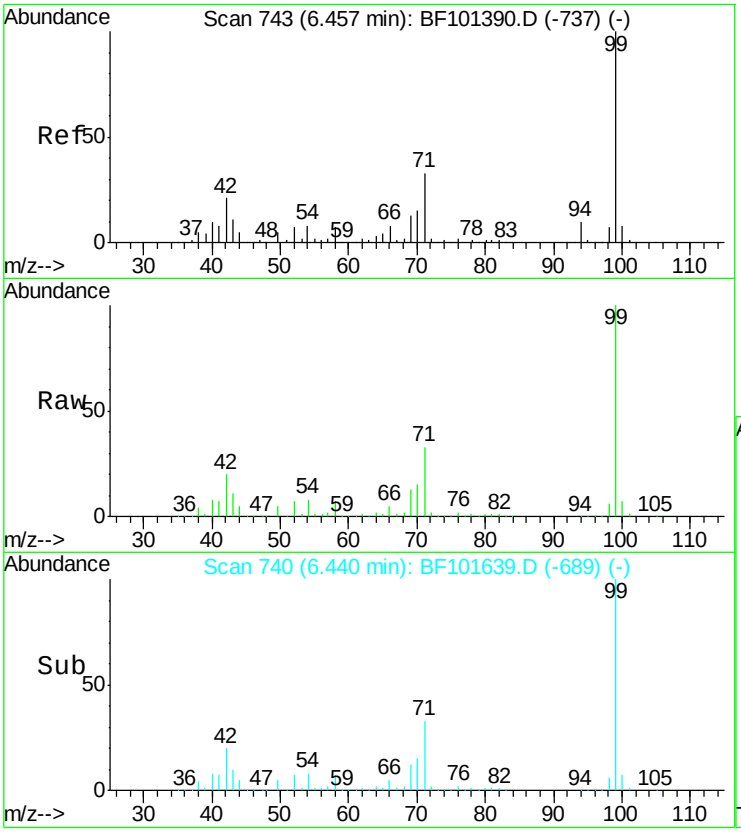


#5
2-Fluorophenol
Concen: 98.061 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:112 Resp: 896024

Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.9	71.9
63	31.4	23.7	35.5



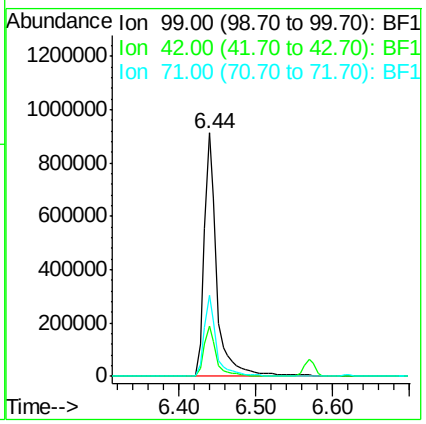


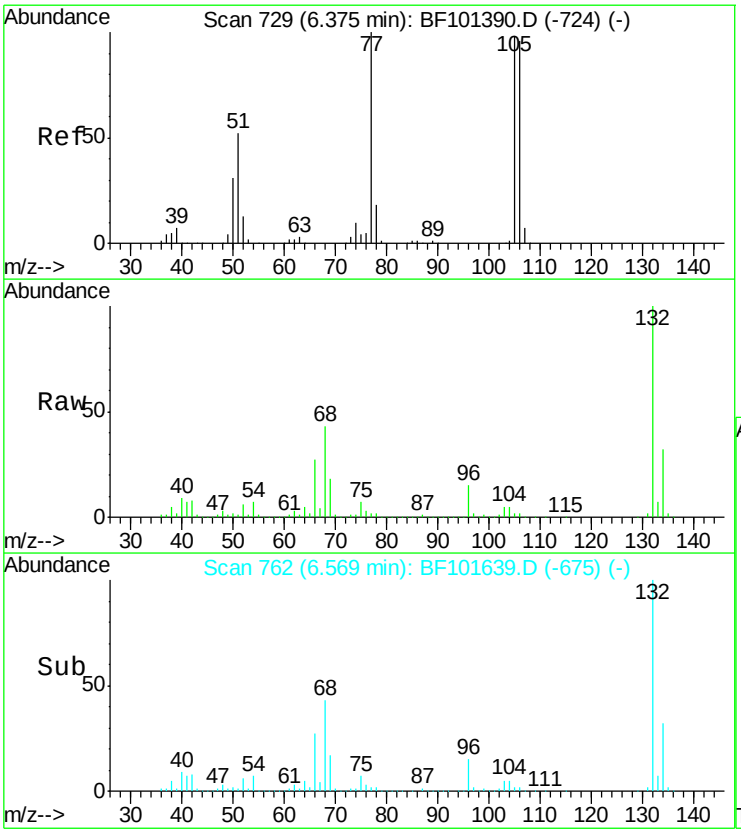
#7
Phenol-d6
Concen: 91.467 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1040150

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	33.1	25.4	38.0

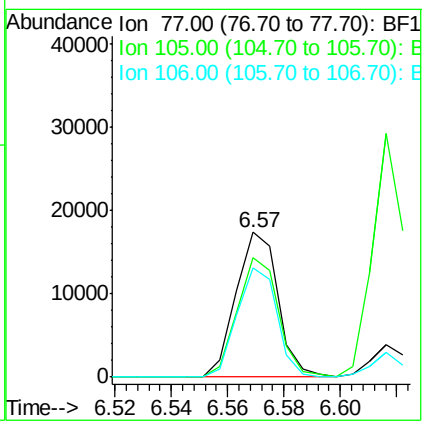


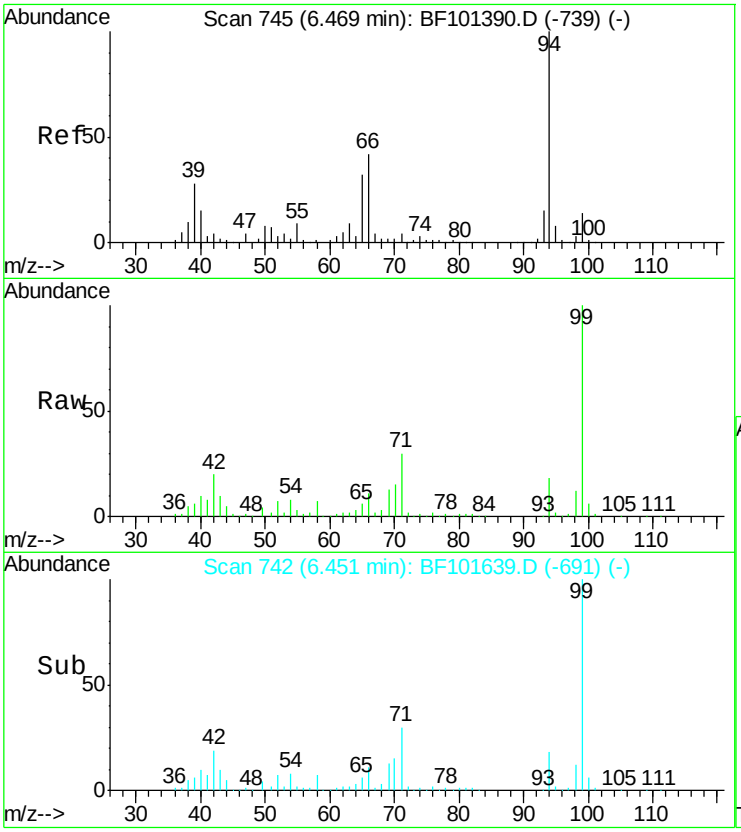


#9
Benzaldehyde
Concen: 2.125 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.21 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion: 77 Resp: 17849

Ion	Ratio	Lower	Upper
77	100		
105	82.6	81.1	121.1
106	75.3	74.5	114.5



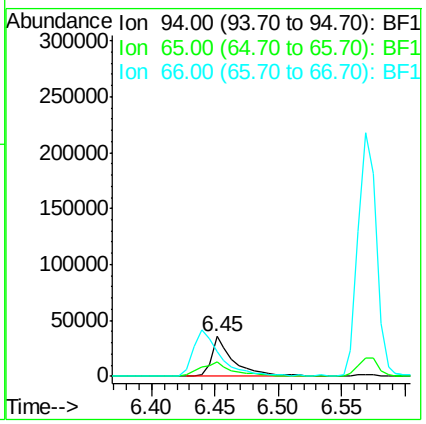


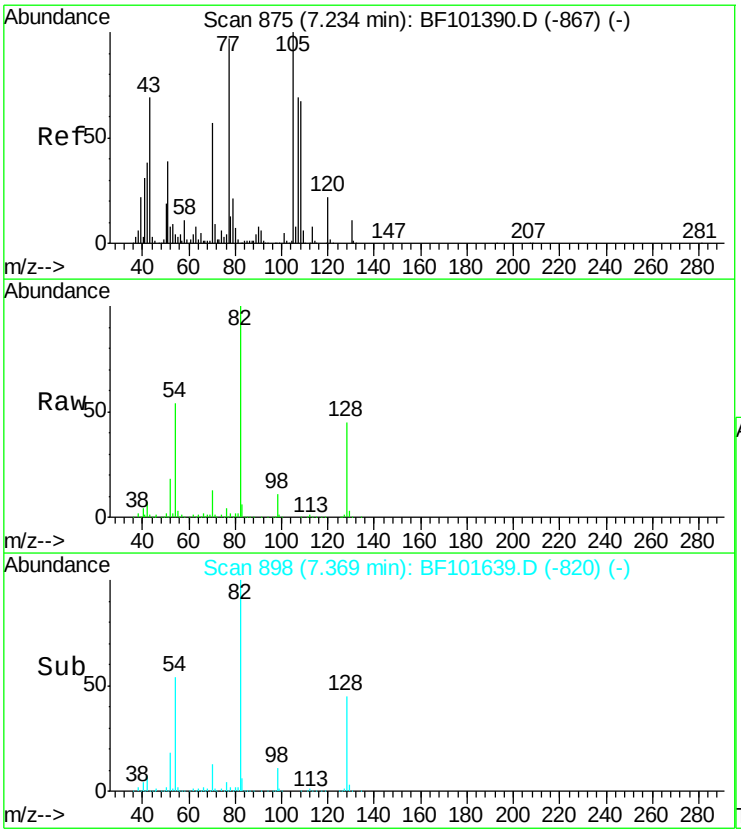
#10
Phenol
Concen: 3.414 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 44247

Ion	Ratio	Lower	Upper
94	100		
65	35.9	7.9	47.9
66	61.9	16.2	56.2#

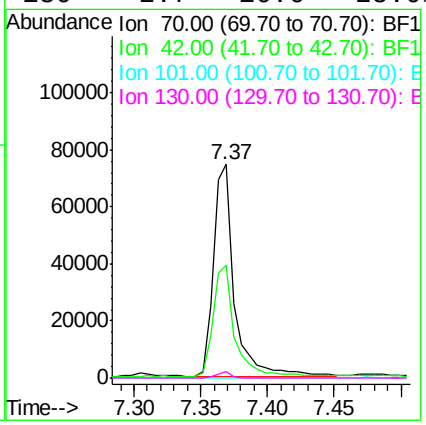


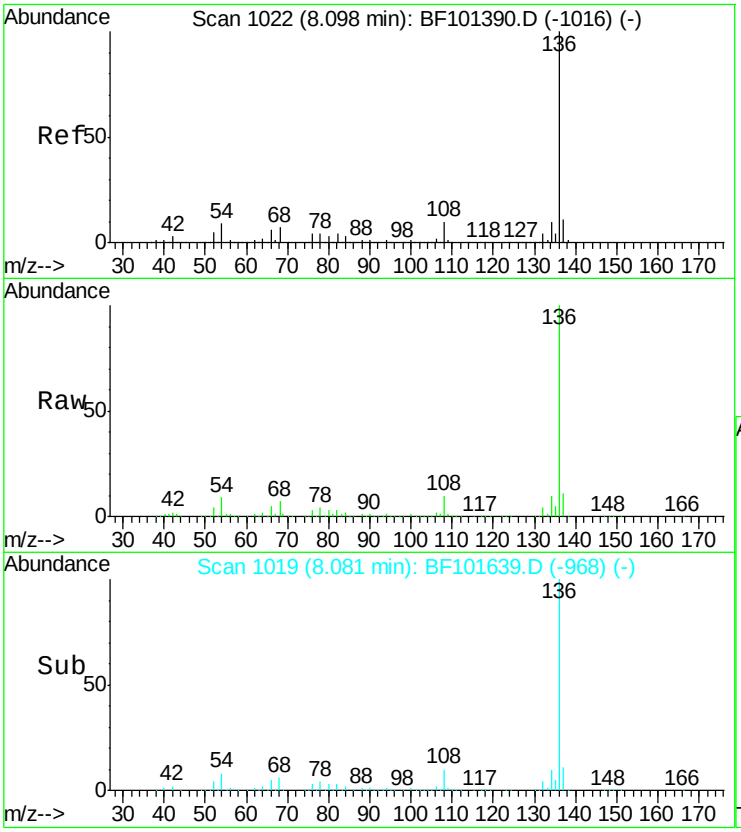


#19
n-Nitroso-di-n-propylamine
Concen: 11.007 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.16 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion: 70 Resp: 82205

Ion	Ratio	Lower	Upper
70	100		
42	52.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



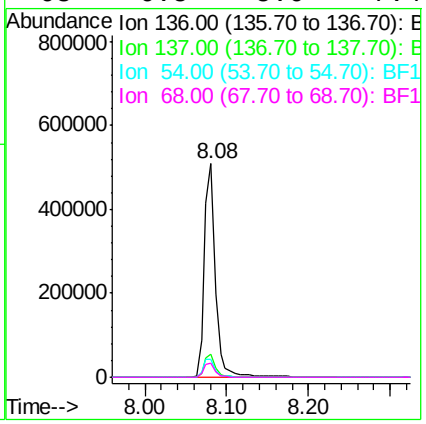


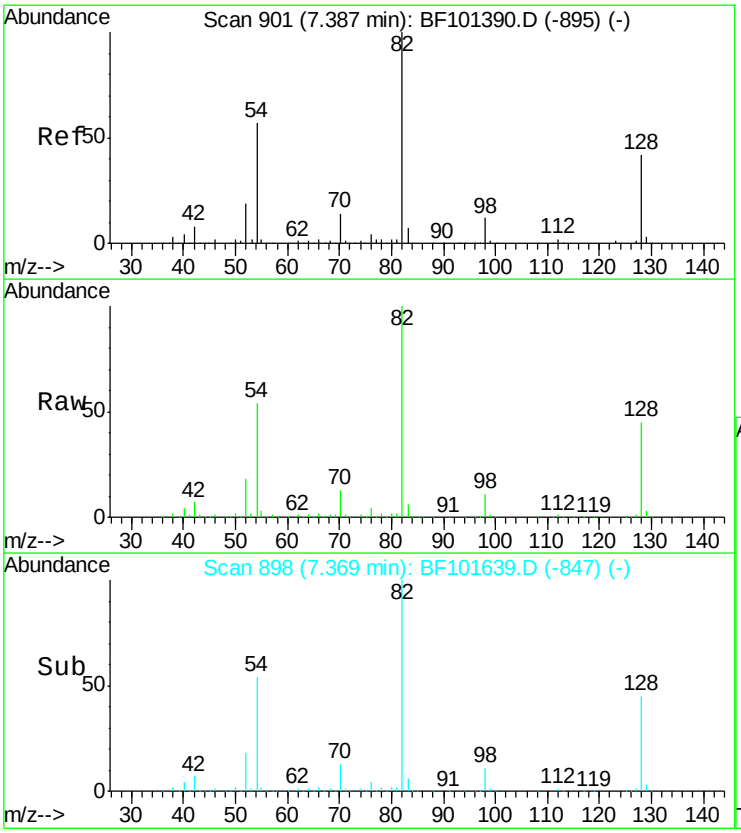
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 482260

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.5	6.6	9.8
68	6.5	5.0	7.4

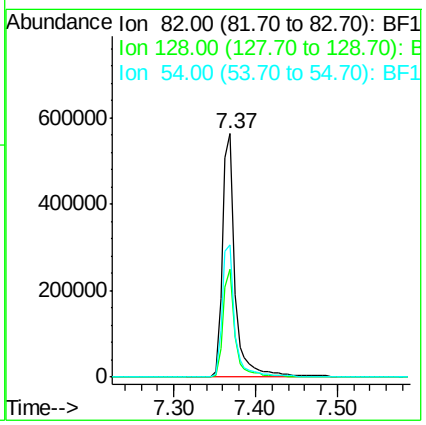


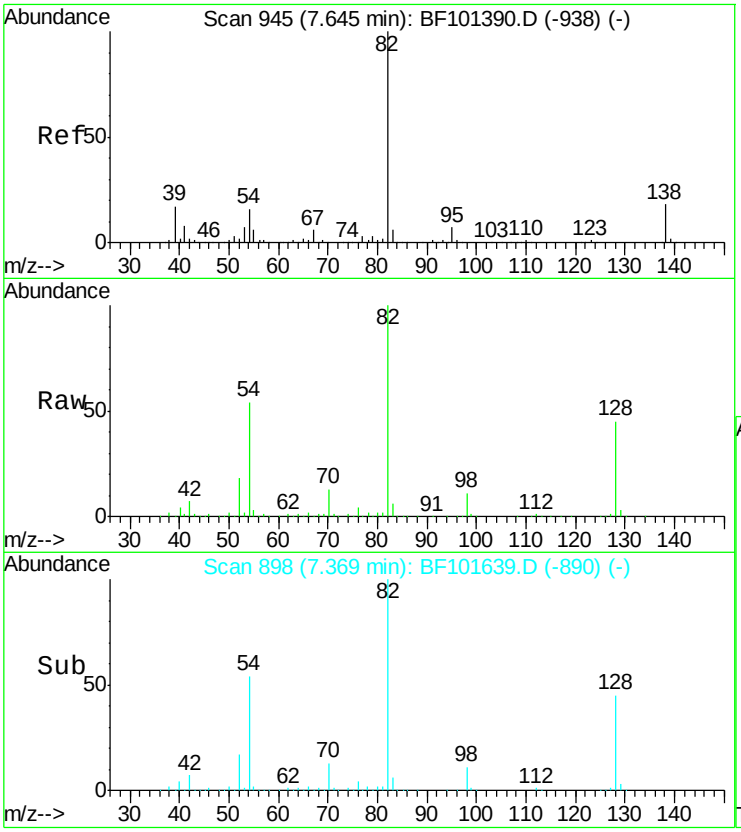


#23
Nitrobenzene-d5
Concen: 70.602 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion: 82 Resp: 611662

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	54.2	41.4	62.2



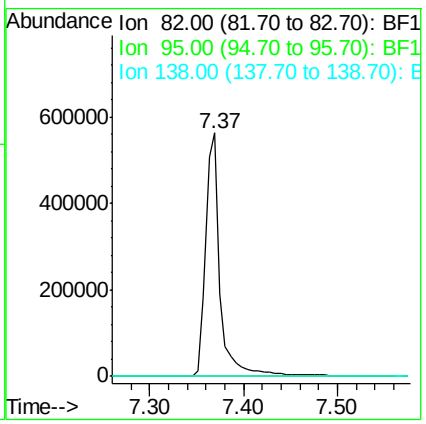


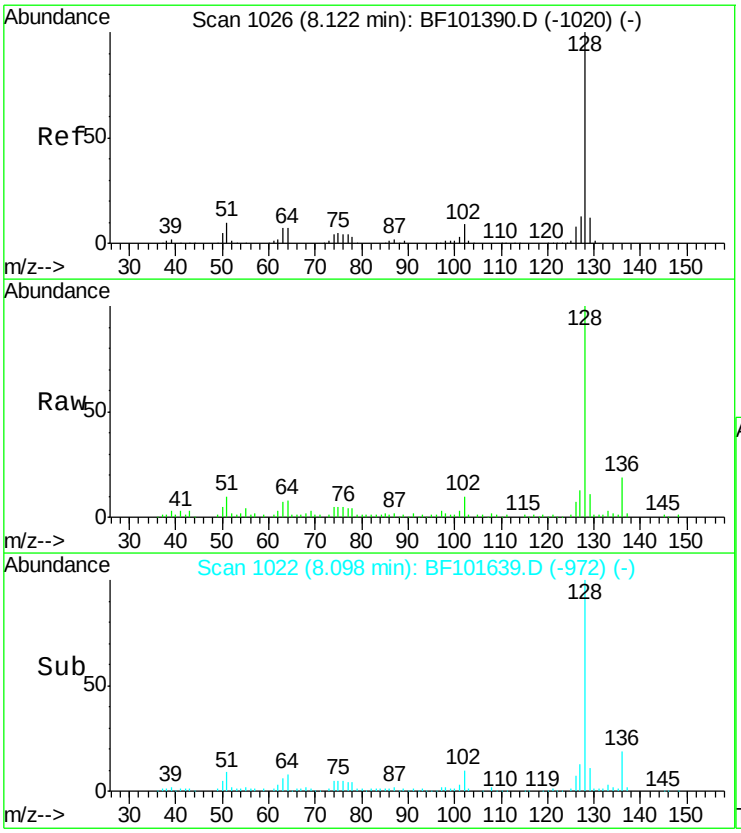
#25
Isophorone
Concen: 34.907 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.25 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 606672

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

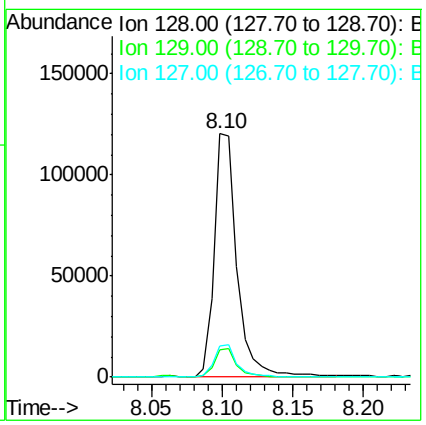


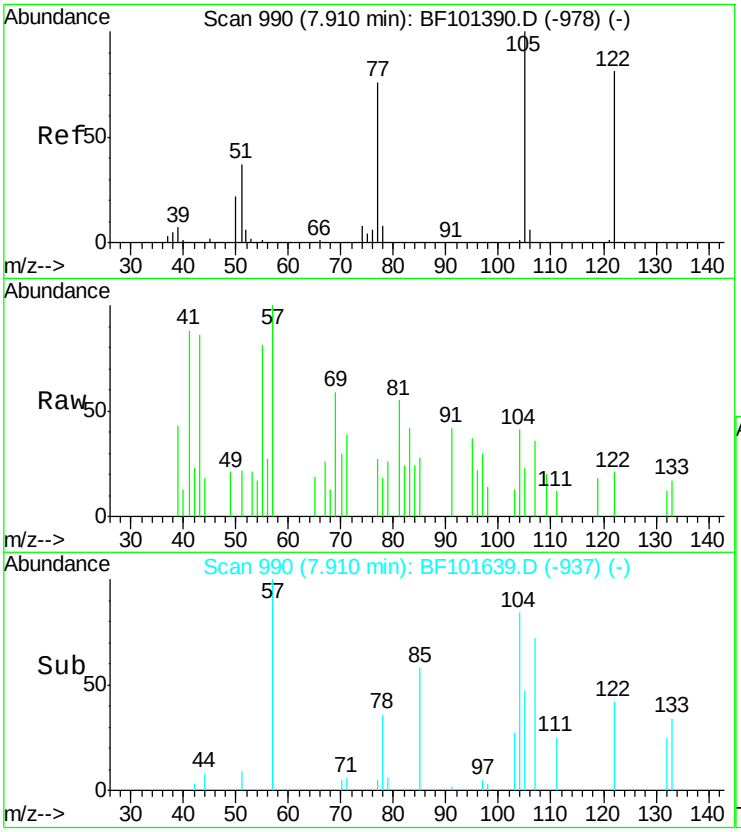


#31
Naphthalene
Concen: 5.515 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:128 Resp: 133890

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.9	10.9	16.3



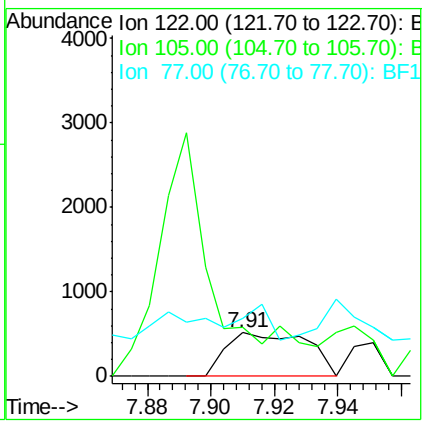


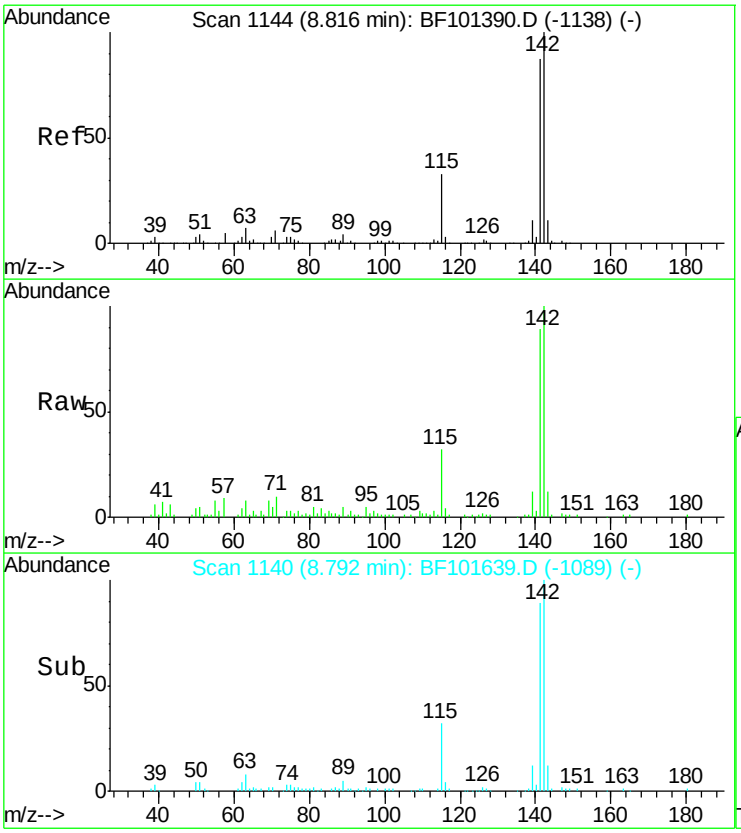
#32
Benzoic acid
Concen: 8.122 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 913

Ion	Ratio	Lower	Upper
122	100		
105	111.8	101.1	141.1
77	132.1	70.7	110.7#

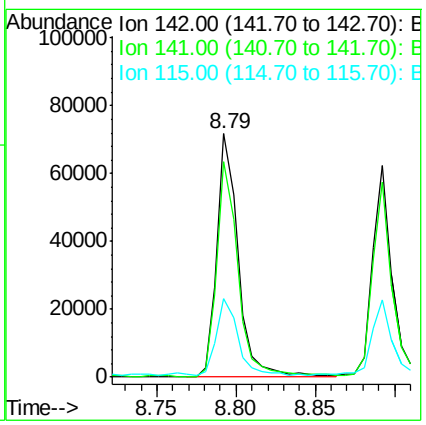


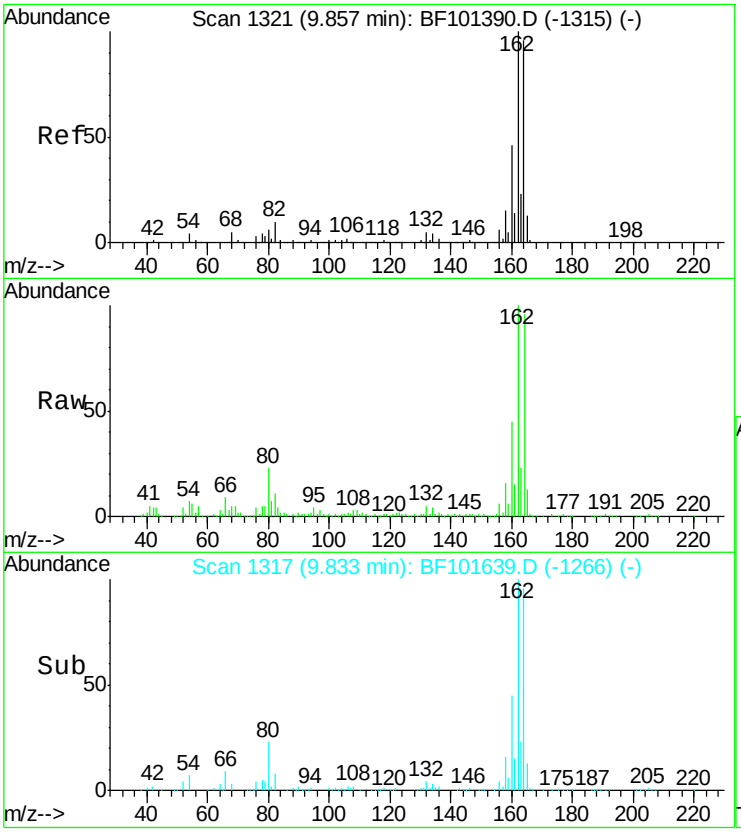


#37
2-Methylnaphthalene
Concen: 4.247 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:142 Resp: 67185

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	32.2	26.1	39.1



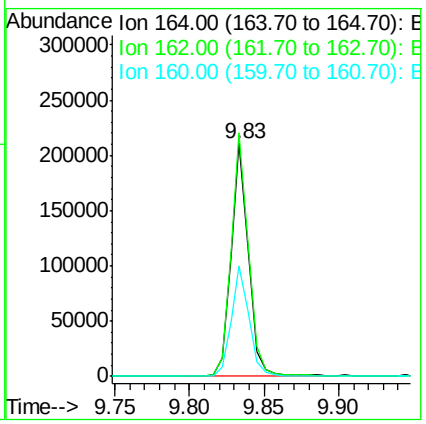


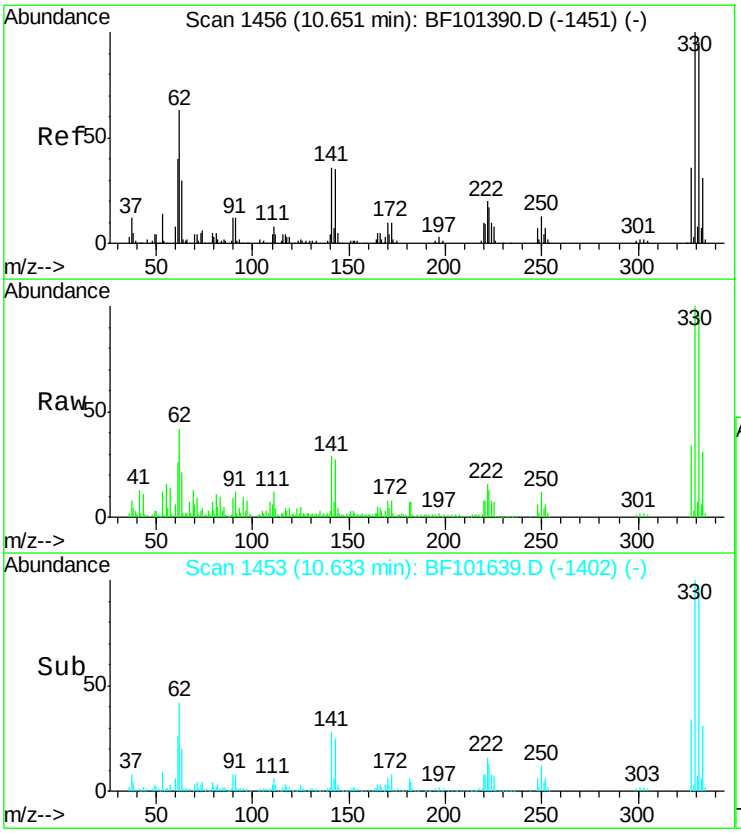
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 173400

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	47.1	38.3	57.5

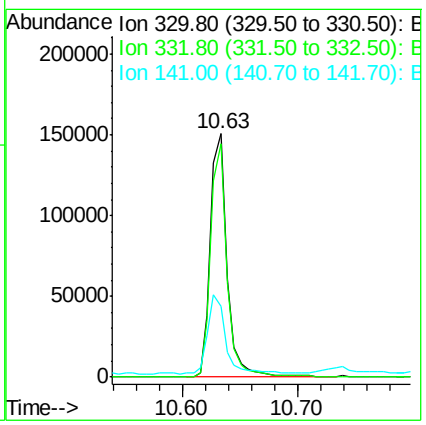


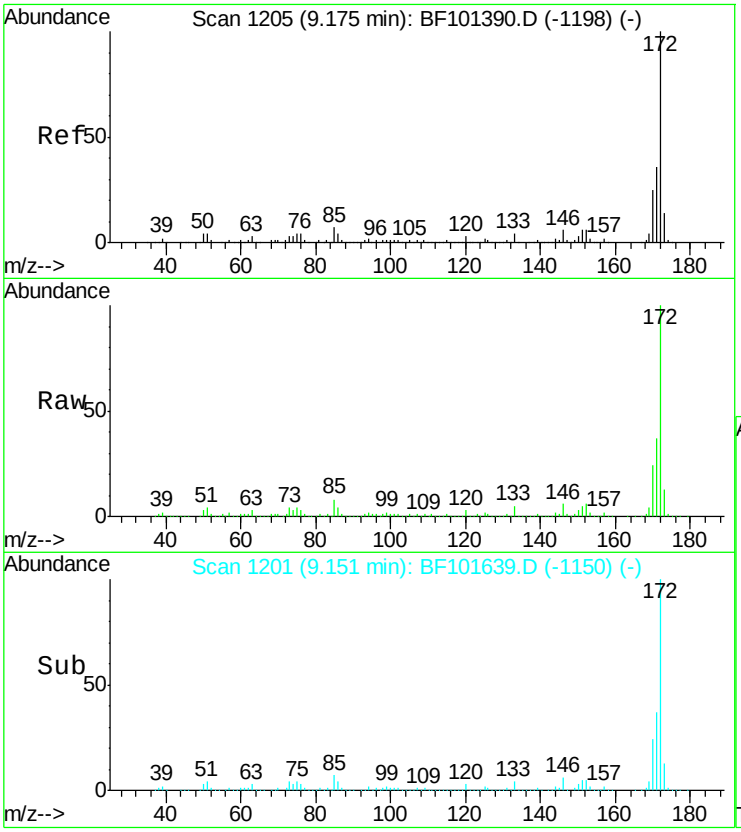


#41
2,4,6-Tribromophenol
Concen: 91.019 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:330 Resp: 152078

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	34.9	29.9	44.9

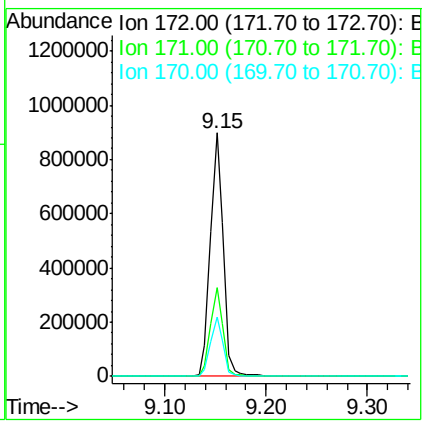




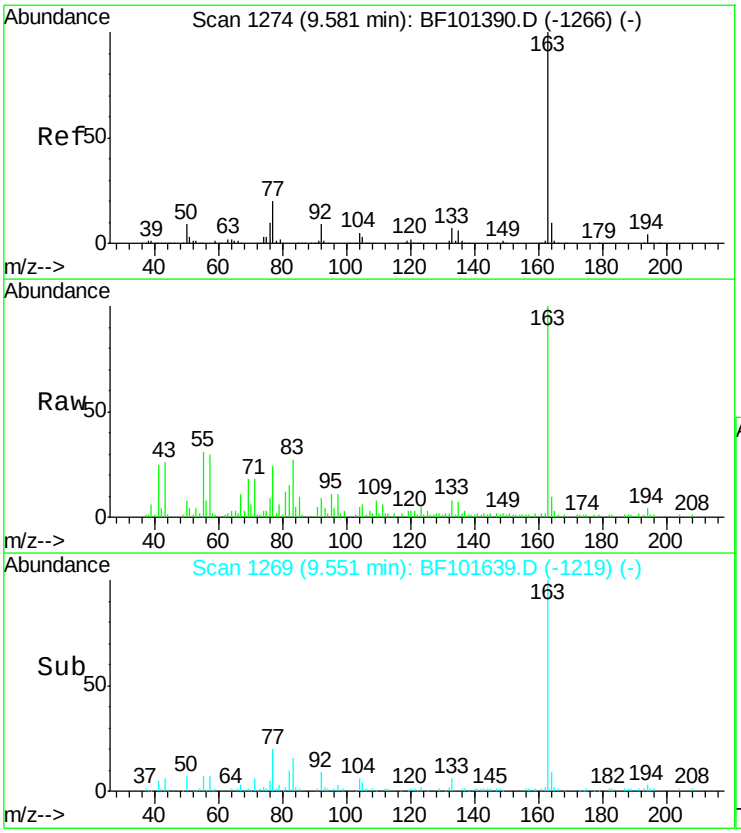
#44
2-Fluorobiphenyl
Concen: 71.699 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:172 Resp: 801462

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.4	19.6	29.4



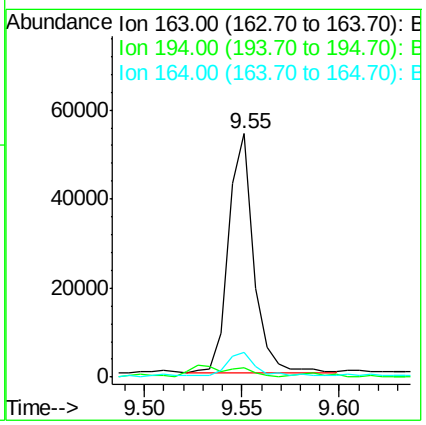
Instrument :
BNA_F
ClientSampleId :

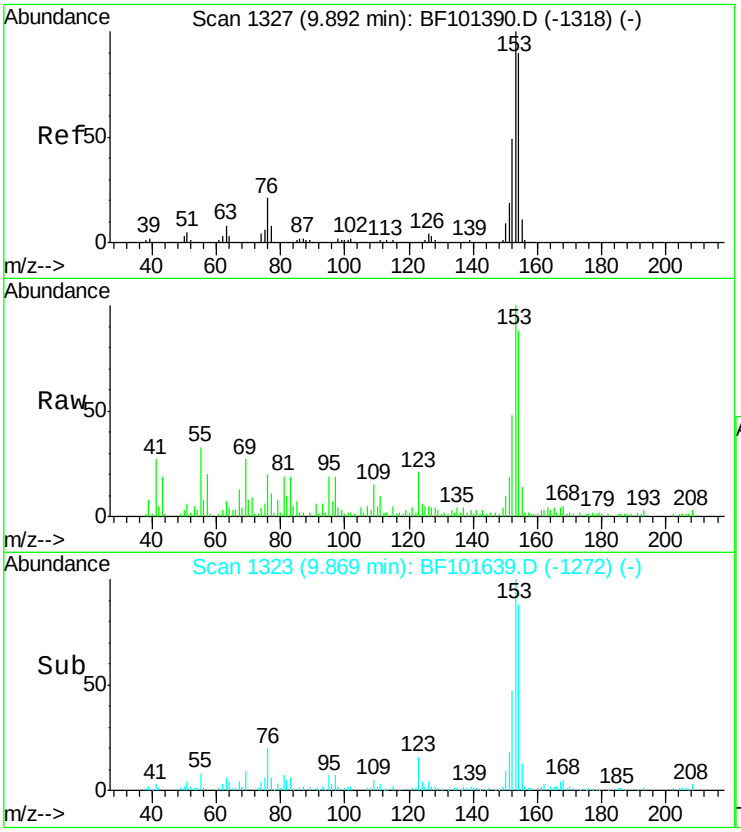


#49
Dimethylphthalate
Concen: 3.435 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:163 Resp: 47908

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.0	8.2	12.2



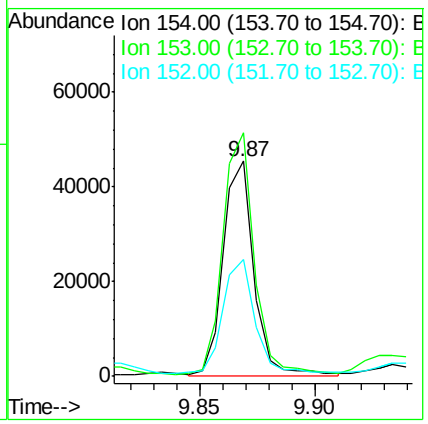


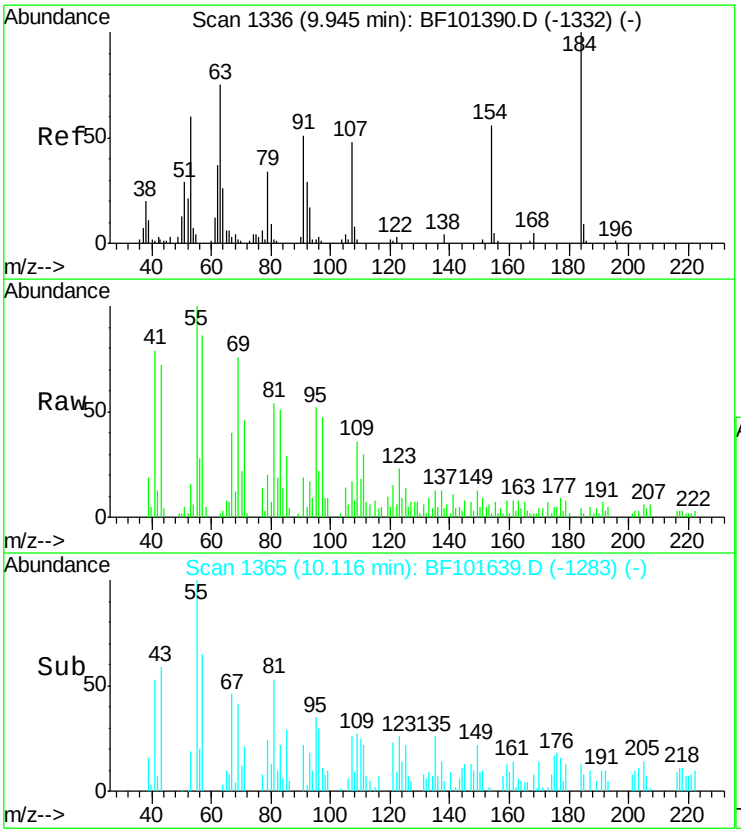
#51
Acenaphthene
Concen: 3.786 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 42279

Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.2	136.8
152	54.2	43.8	65.8

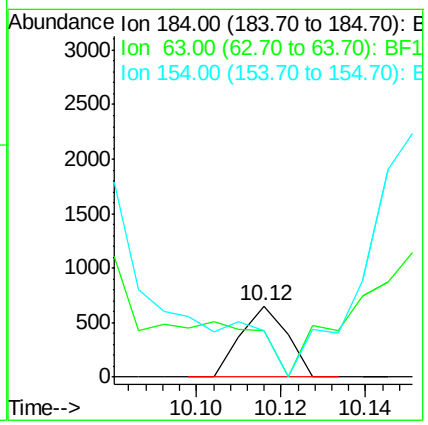


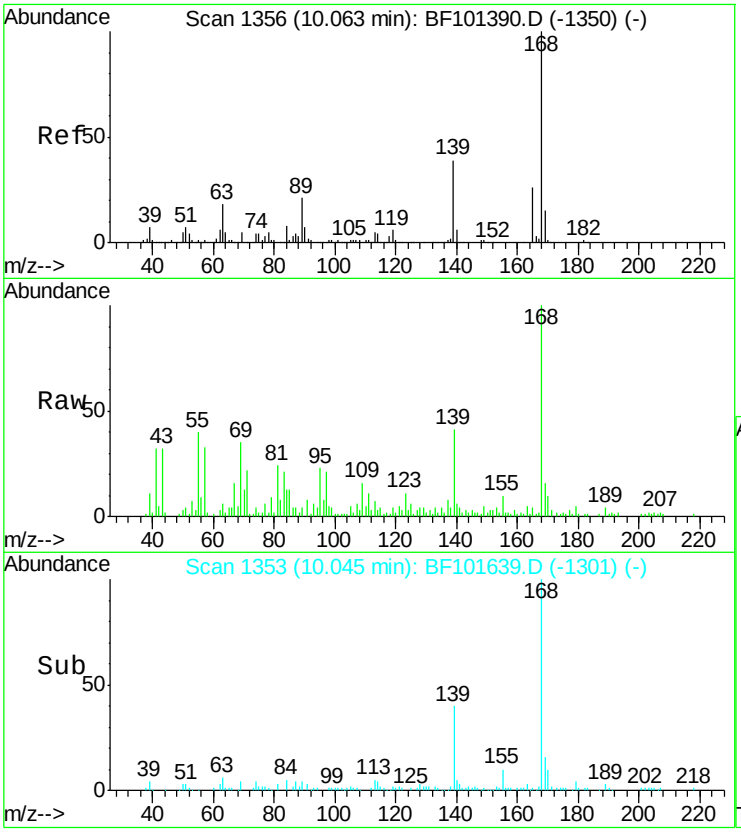


#53
2,4-Dinitrophenol
Concen: 10.759 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.18 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:184 Resp: 497

Ion	Ratio	Lower	Upper
184	100		
63	65.0	54.2	81.2
154	65.2	184.0	276.0#



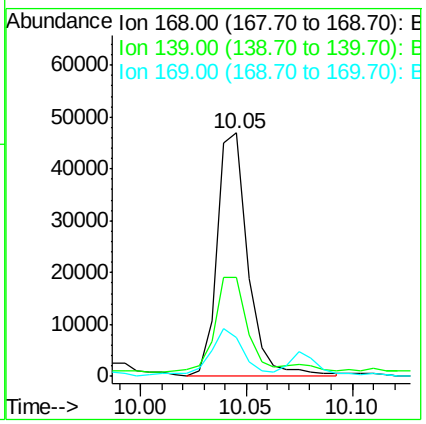


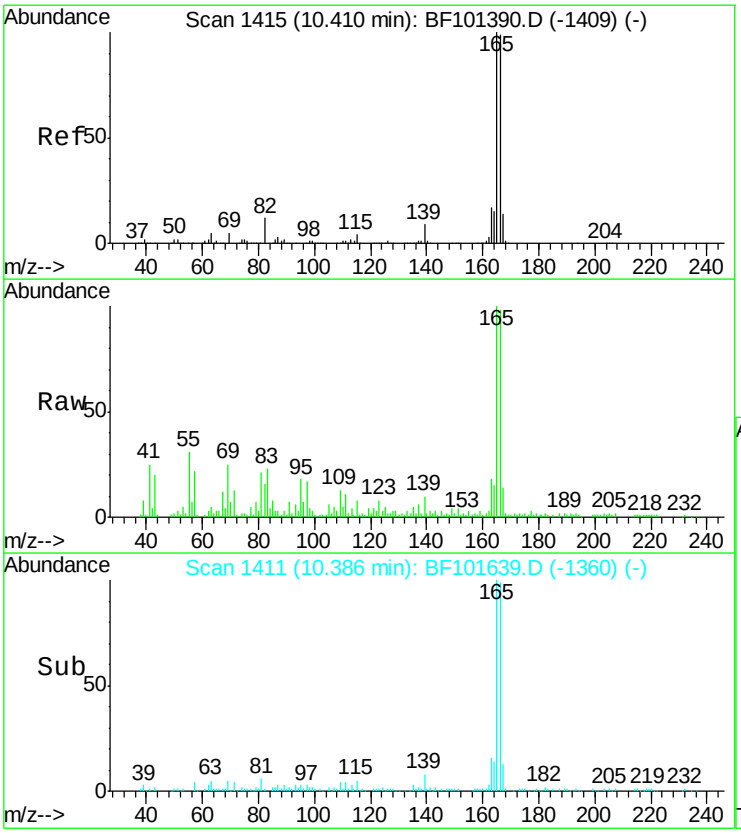
#54
Dibenzofuran
Concen: 3.340 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 47396

Ion	Ratio	Lower	Upper
168	100		
139	40.9	30.1	45.1
169	16.2	10.9	16.3

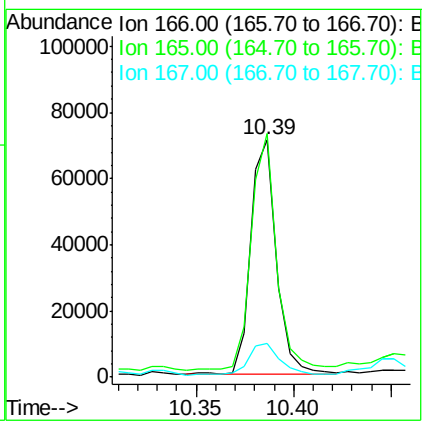


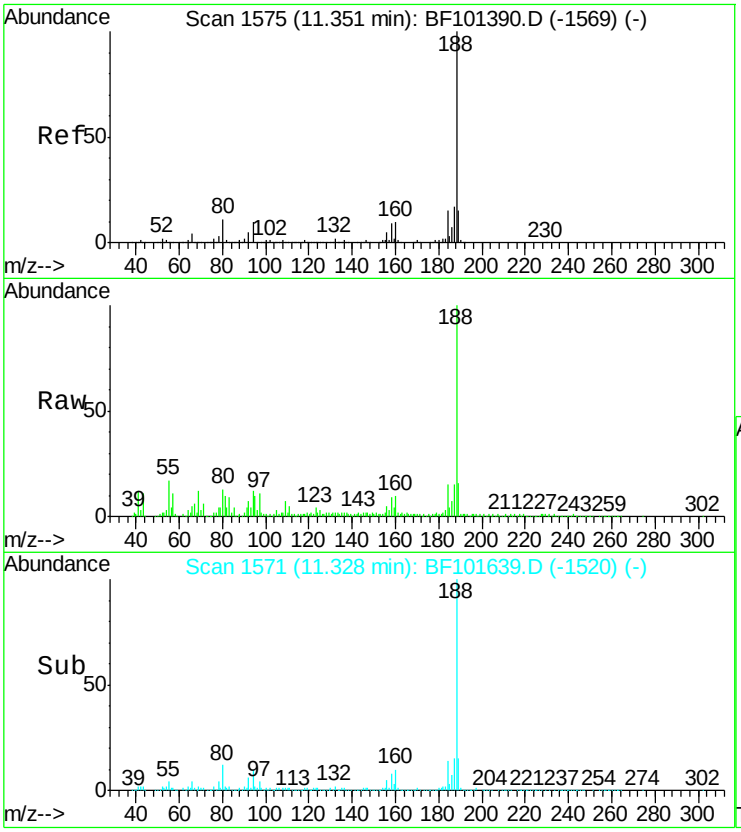


#57
Fluorene
Concen: 5.401 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:166 Resp: 64837

Ion	Ratio	Lower	Upper
166	100		
165	102.5	79.8	119.8
167	14.2	10.6	16.0



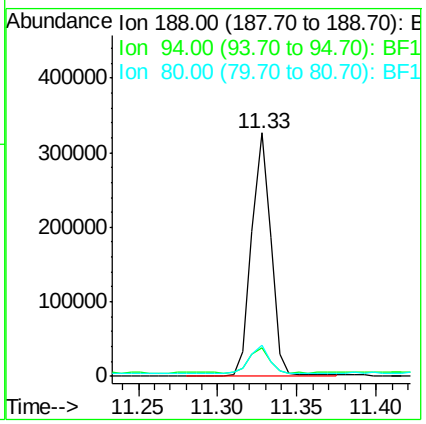


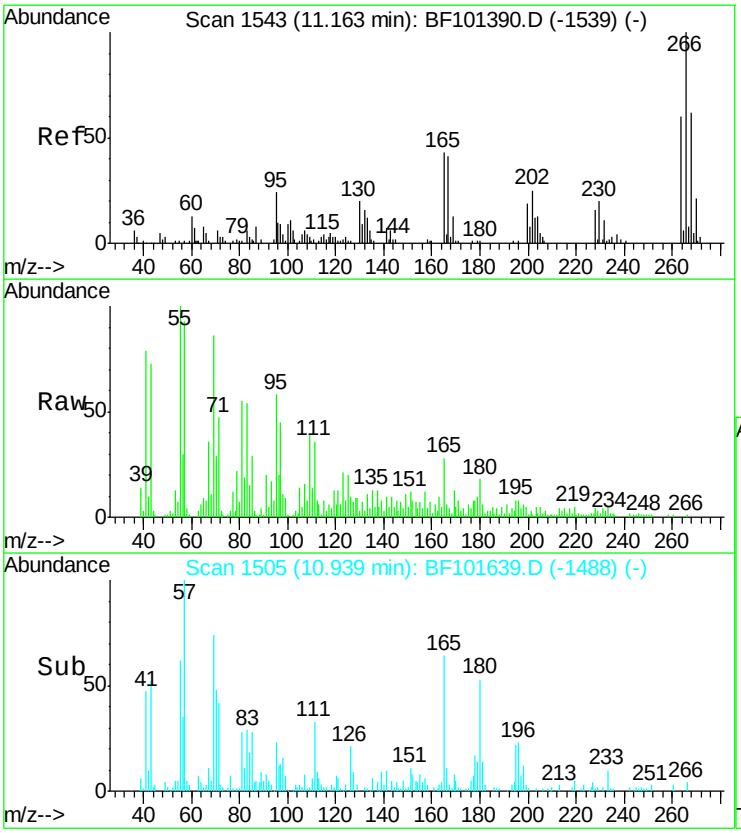
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 275154

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.8	9.2	13.8

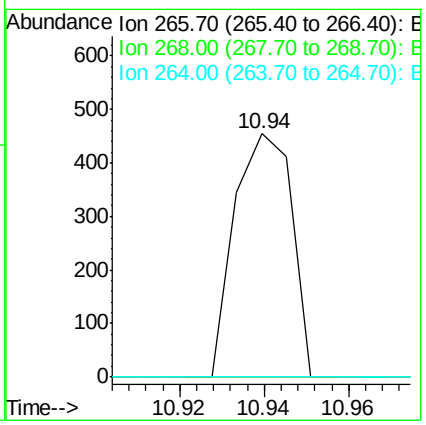


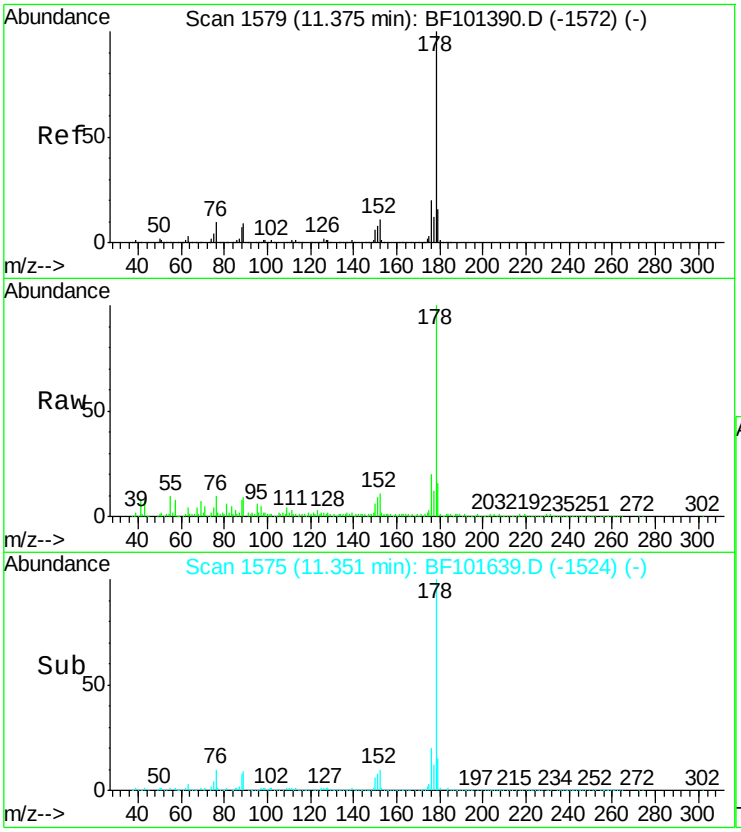


#69
Pentachlorophenol
Concen: 6.865 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.20 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:266 Resp: 428

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



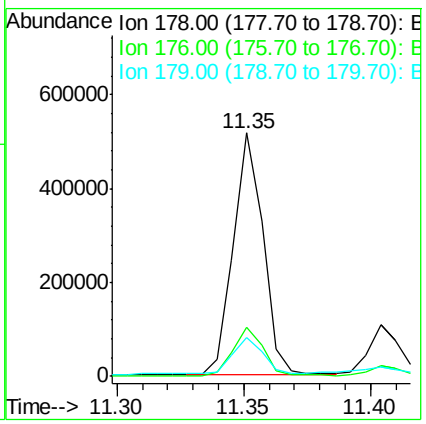


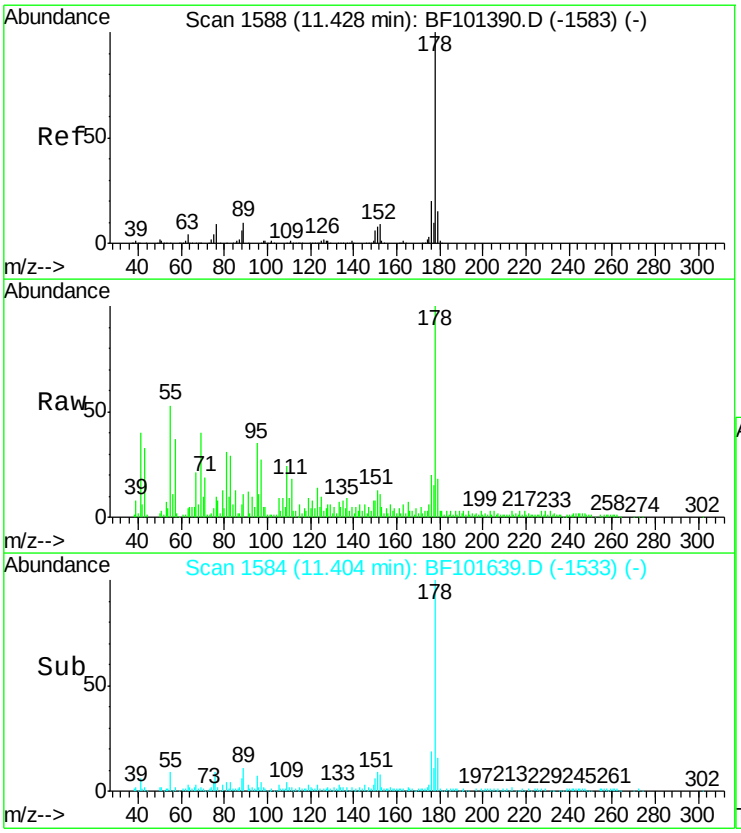
#70
Phenanthrene
Concen: 27.645 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 423019

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	16.1	13.0	19.6

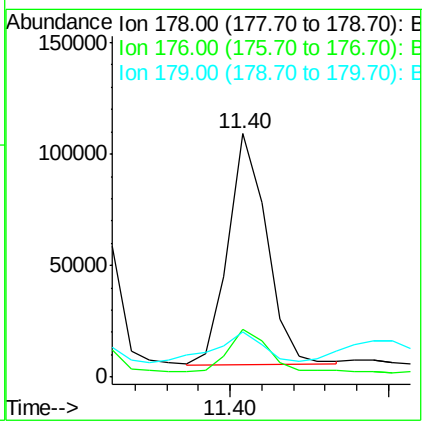


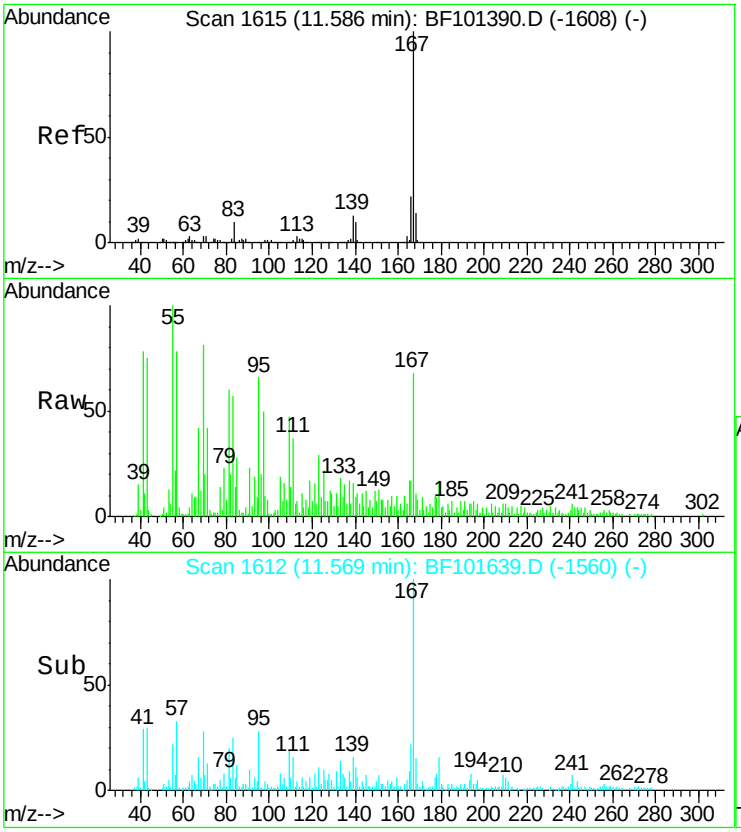


#71
Anthracene
Concen: 5.581 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:178 Resp: 87233

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	18.4	12.6	19.0



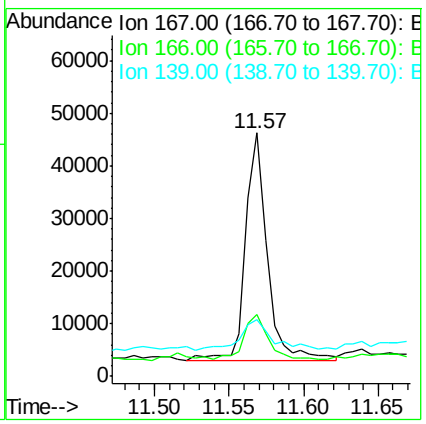


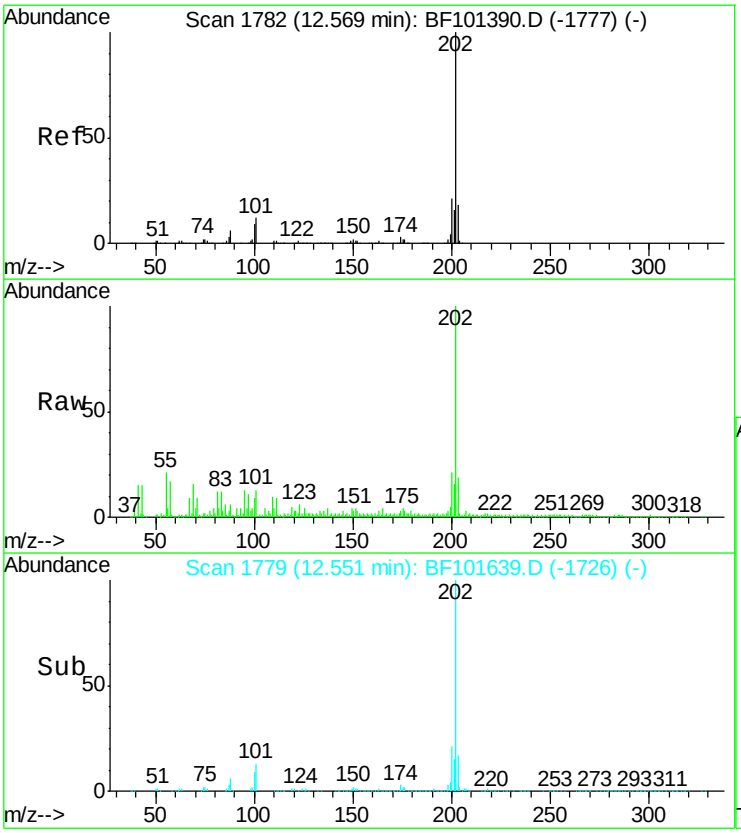
#72
Carbazole
Concen: 2.923 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.01 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 42782

Ion	Ratio	Lower	Upper
167	100		
166	25.5	17.6	26.4
139	23.3	10.9	16.3#

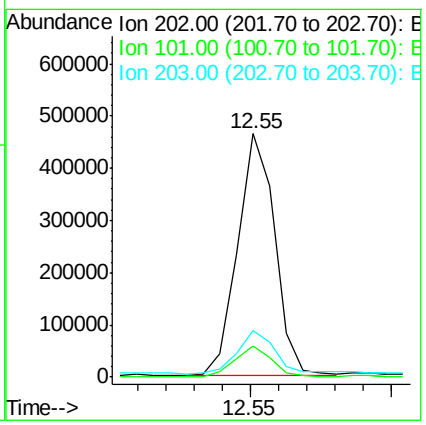


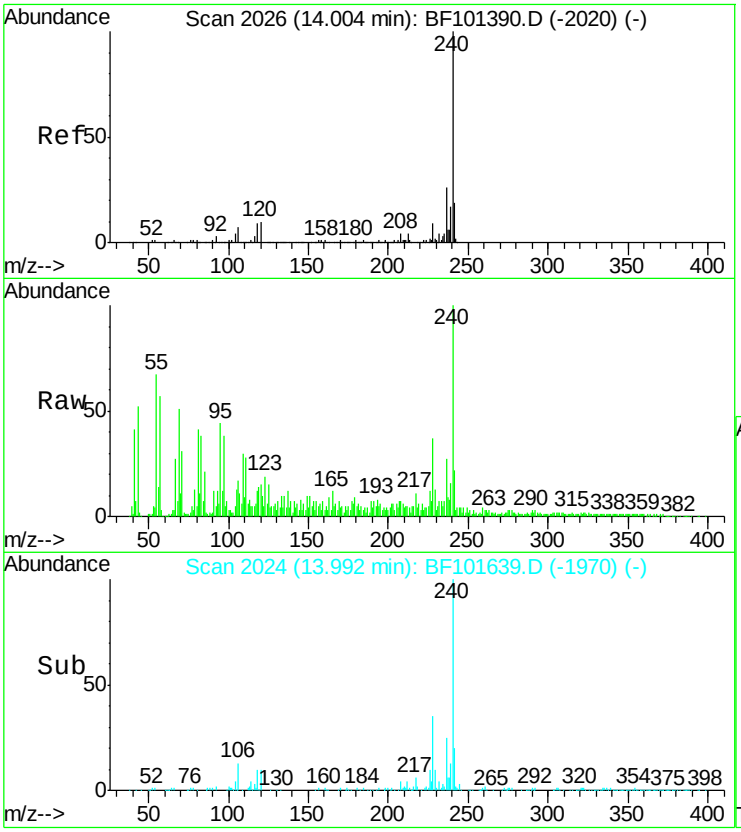


#74
Fluoranthene
Concen: 26.216 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:202 Resp: 421065

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	18.9	0.0	38.1



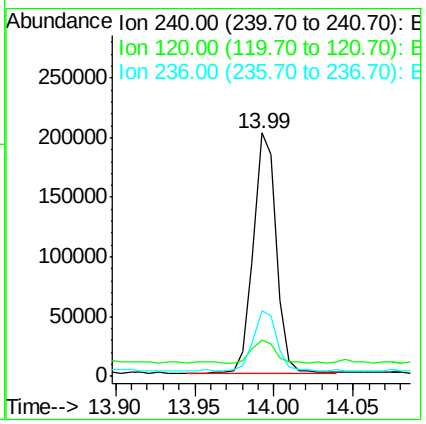


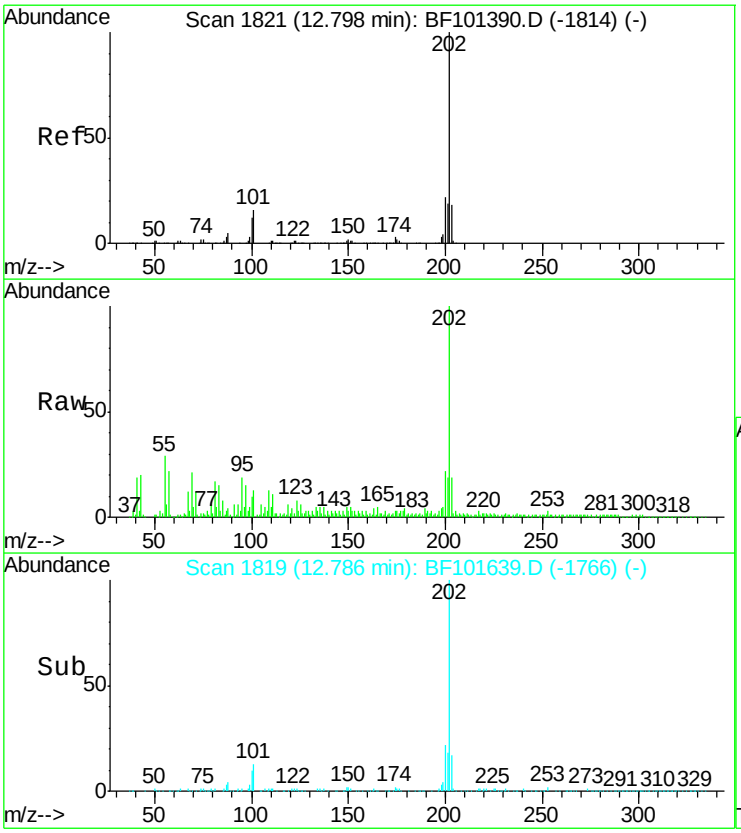
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 202646

Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	27.1	20.7	31.1

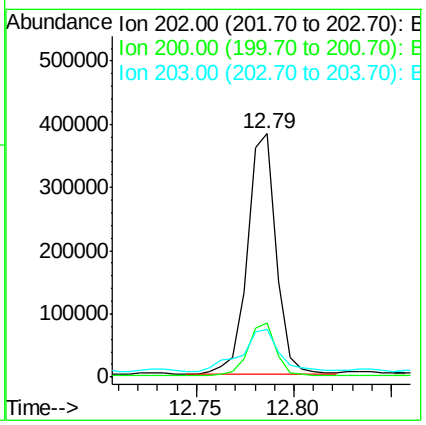


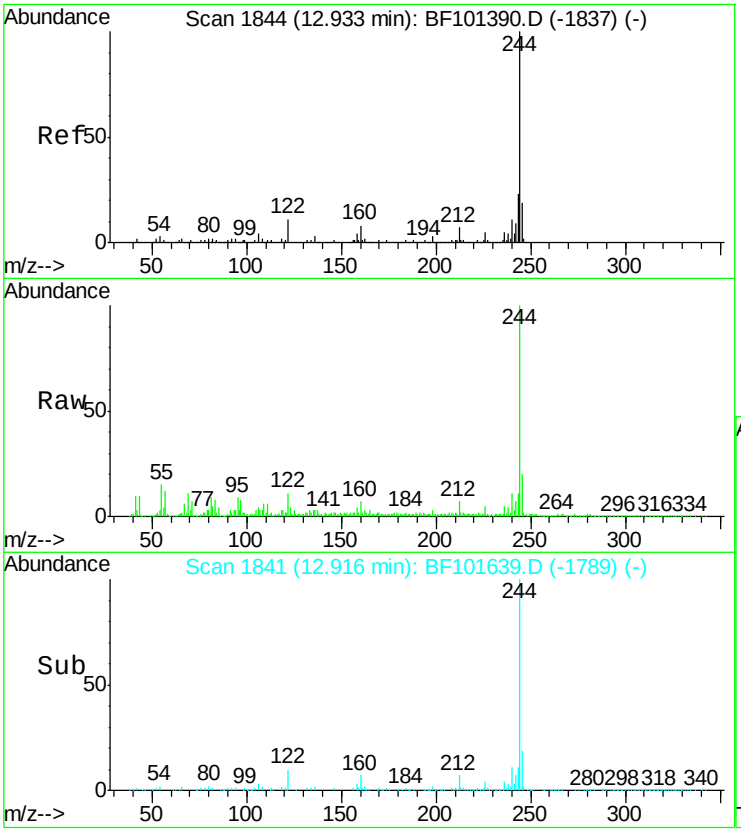


#77
Pyrene
Concen: 25.357 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:202 Resp: 385642

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	19.4	14.3	21.5



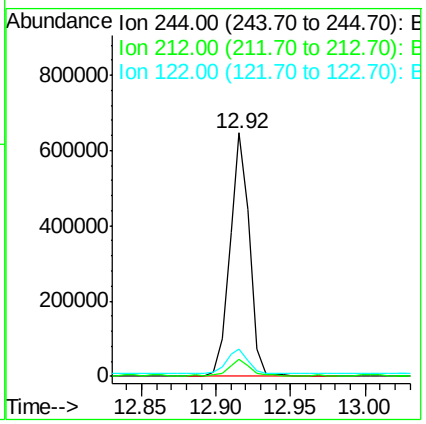


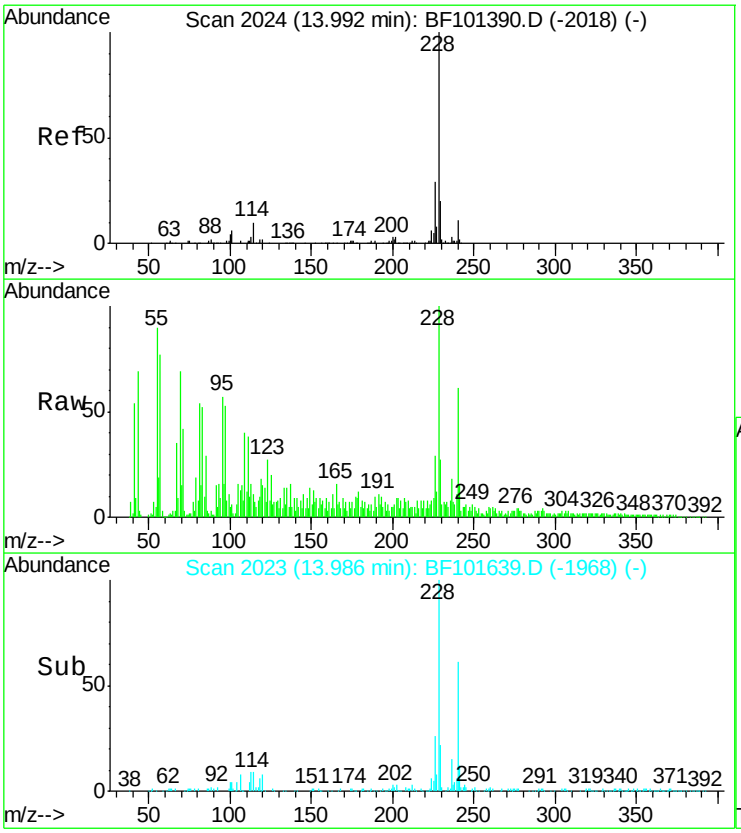
#78
Terphenyl-d14
Concen: 69.586 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 584929

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.1	11.0	16.4

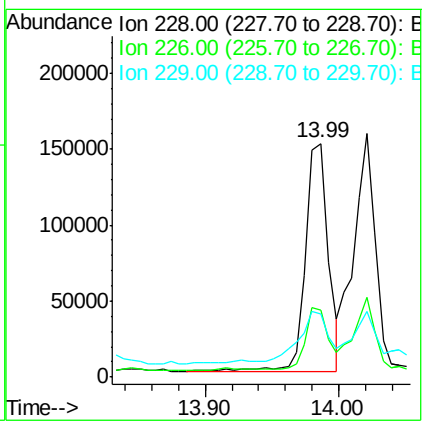


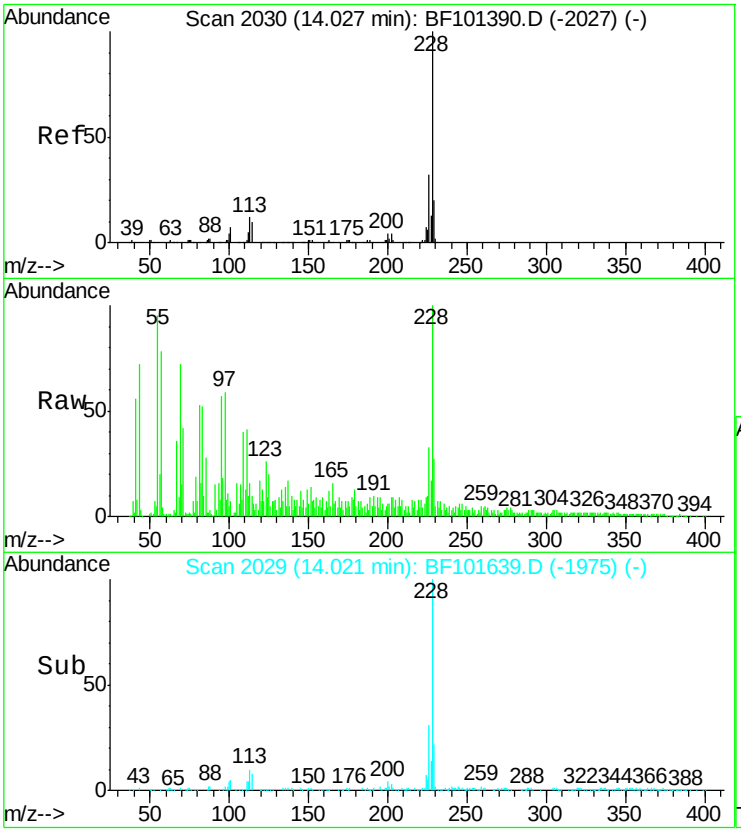


#80
Benzo(a)anthracene
Concen: 13.127 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.02 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:228 Resp: 175653

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	26.9	15.8	23.6#



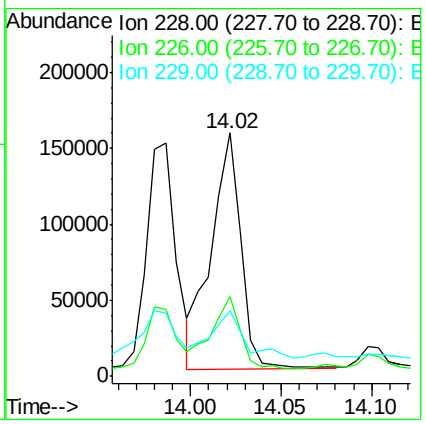


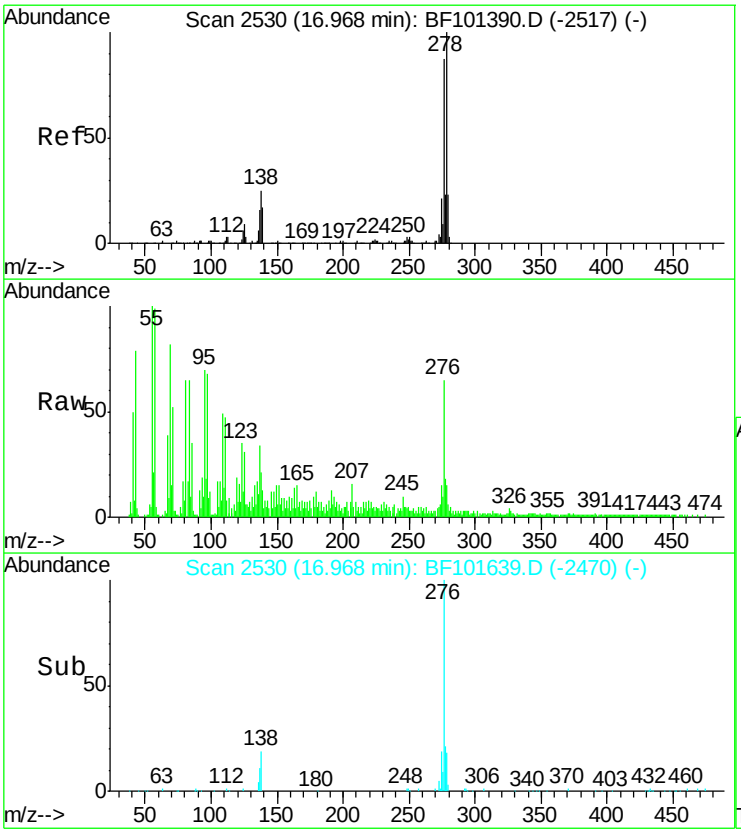
#82
Chrysene
Concen: 14.115 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.02 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 178326

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.6
229	27.1	16.2	24.4#

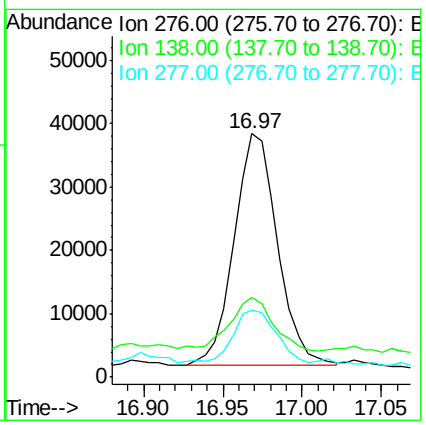


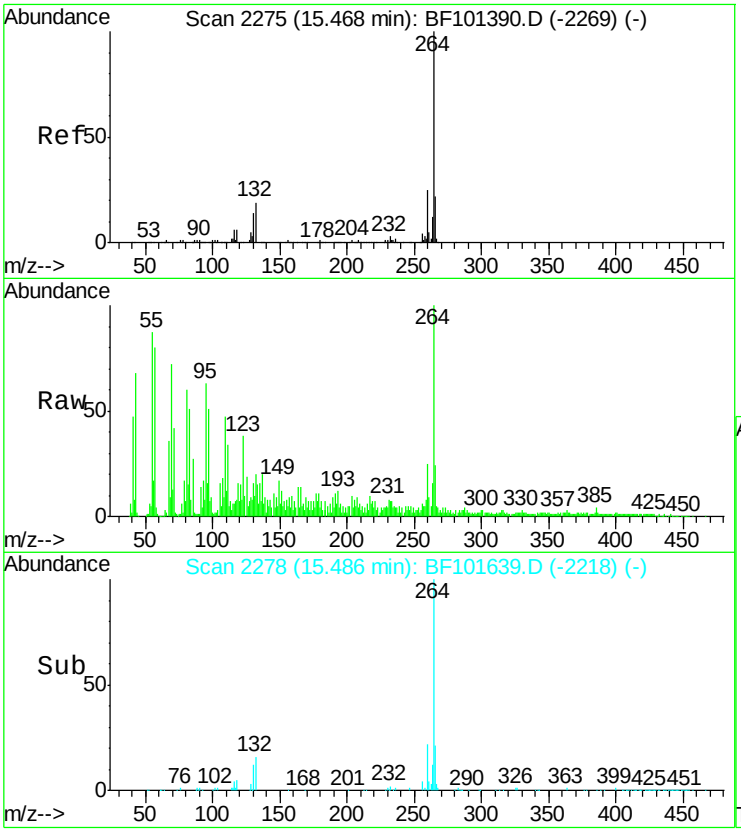


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.200 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.05 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:276 Resp: 69752

Ion	Ratio	Lower	Upper
276	100		
138	23.1	25.0	37.6#
277	22.4	20.1	30.1



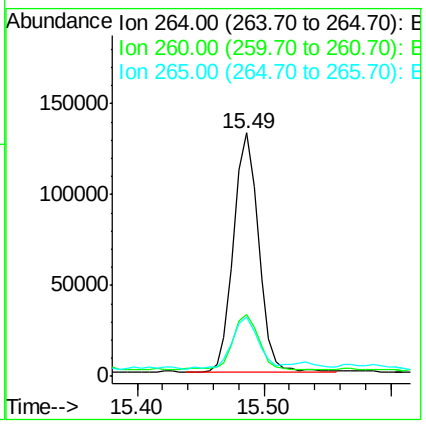


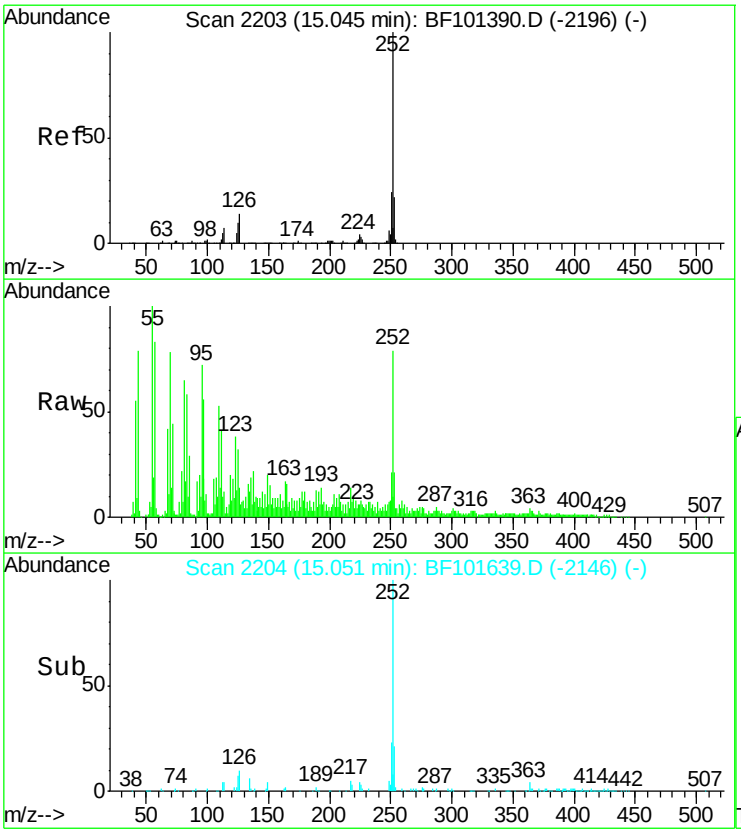
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.05 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 179400

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	24.3	17.5	26.3

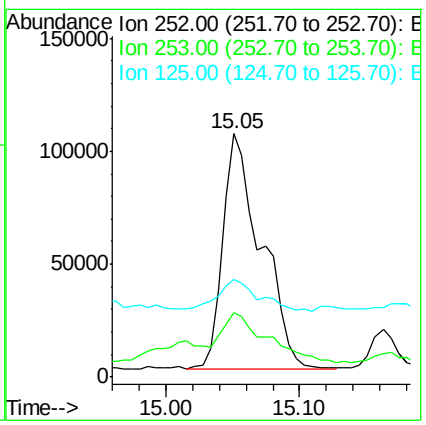


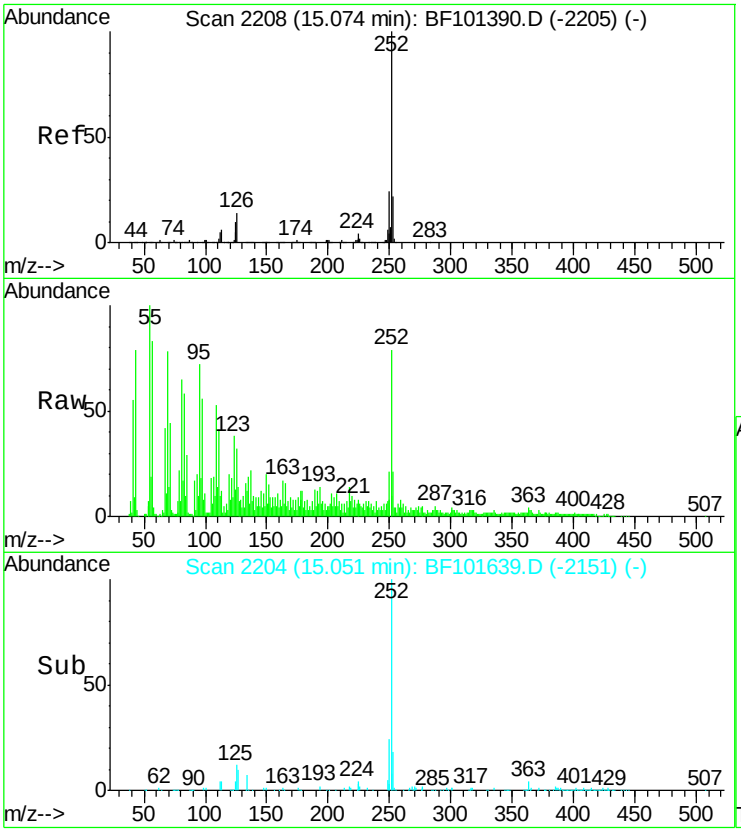


#87
Benzo(b)fluoranthene
Concen: 19.020 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.04 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:252 Resp: 207981

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.0	25.6#
125	40.3	9.0	13.6#



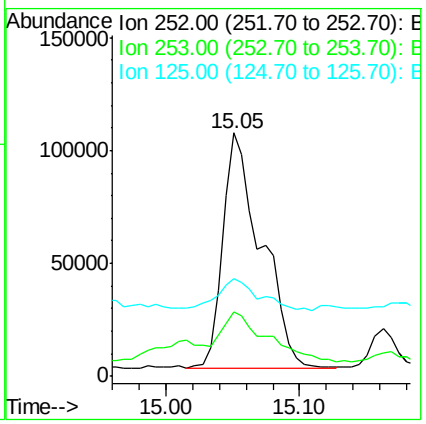


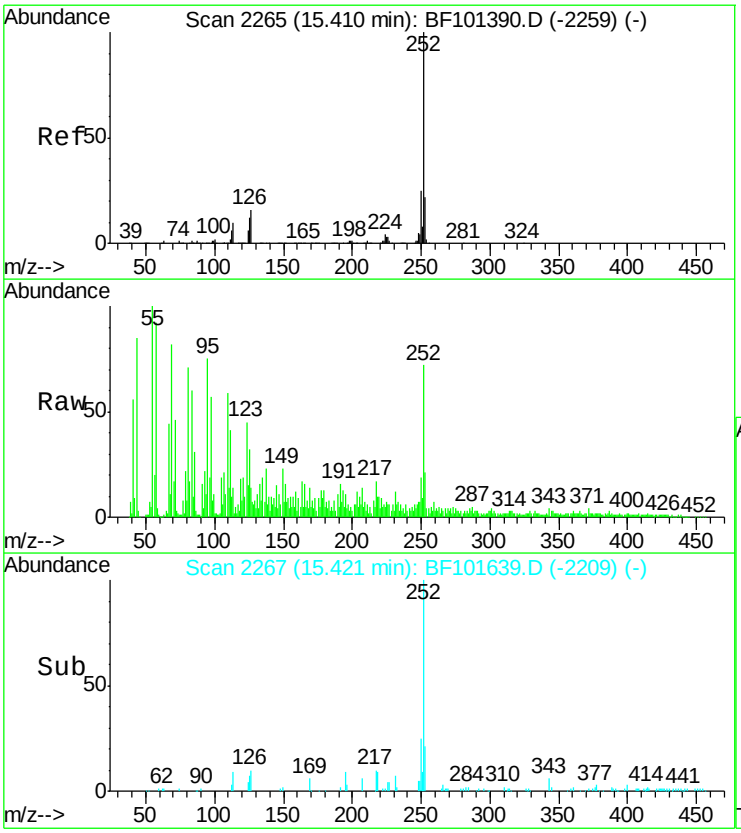
#88
Benzo(k)fluoranthene
Concen: 19.562 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 207981

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.9	26.9
125	40.3	10.2	15.2#

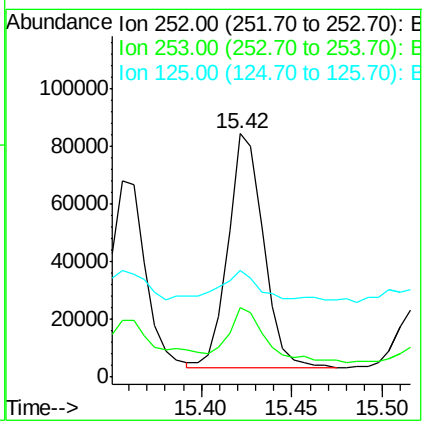


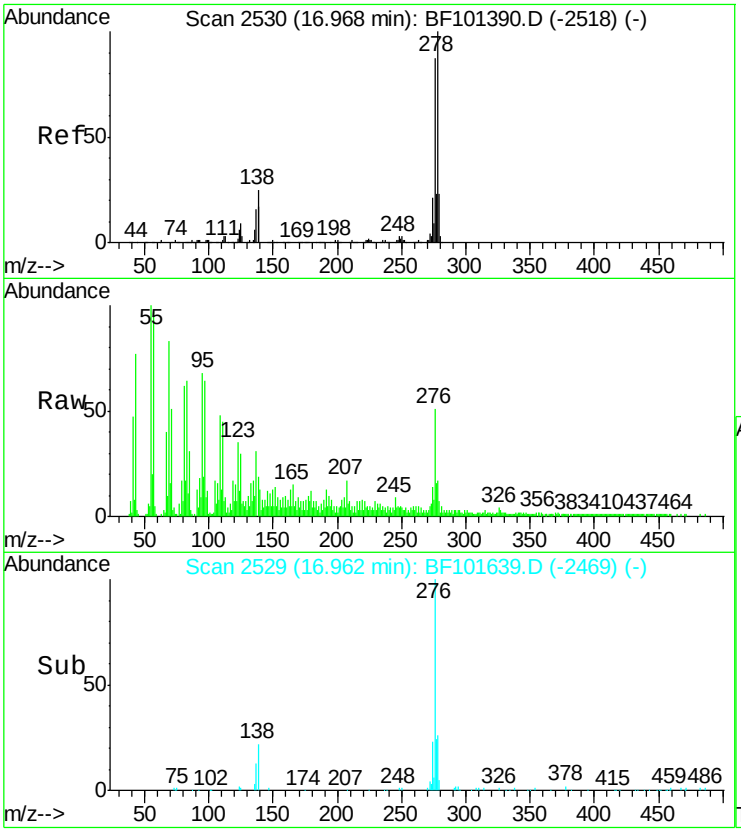


#89
Benzo(a)pyrene
Concen: 10.987 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.04 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:252 Resp: 110750

Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.1	25.7#
125	43.7	9.8	14.6#



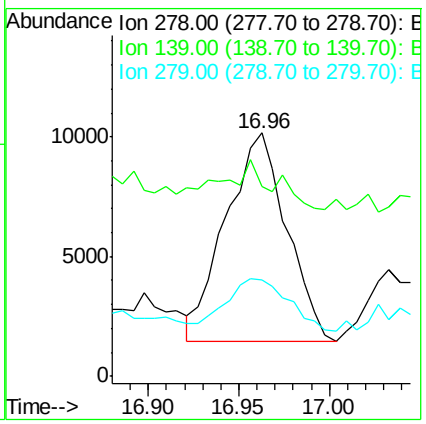


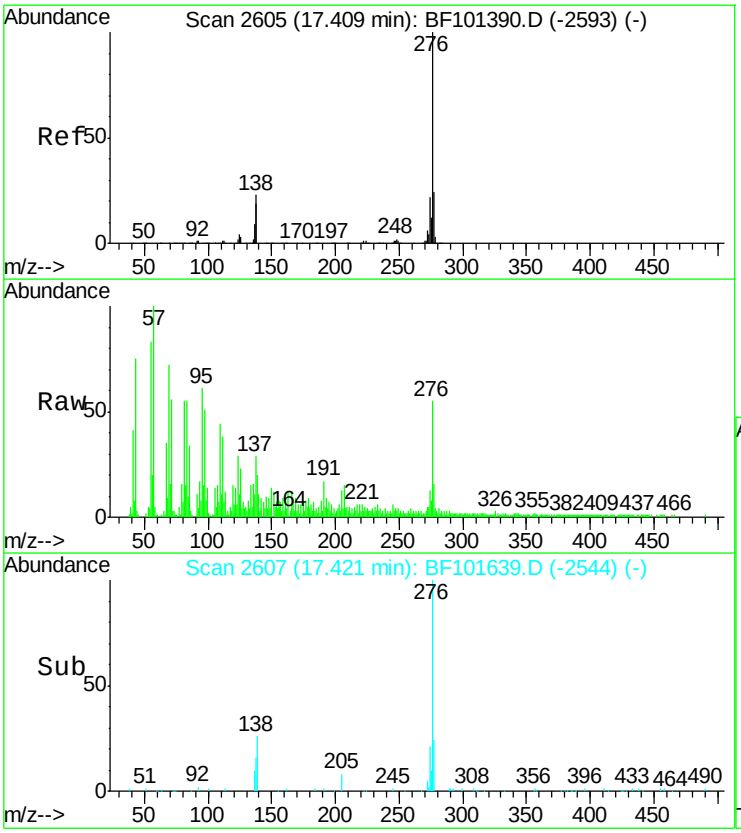
#90
Dibenzo(a,h)anthracene
Concen: 2.348 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.05 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 20322

Ion	Ratio	Lower	Upper
278	100		
139	77.9	15.9	23.9#
279	39.4	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 8.130 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.07 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:276 Resp: 69671

Ion	Ratio	Lower	Upper
276	100		
277	29.0	17.9	26.9#
138	36.4	21.8	32.8#