Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101347.D
Acq On : 12 Dec 2017 23:08
Operator : SJ/JU
Sample : I6822-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 13 00:43:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	44370	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	171405	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	76054	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	132570	20.00	ng		0.00
75) Chrysene-d12	14.00	240	103920	20.00	ng		0.00
86) Perylene-d12	15.48	264	92541	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	330169	122.96	ng		0.00
7) Phenol-d6	6.46	99	402225	123.38	ng		0.00
23) Nitrobenzene-d5	7.39	82	234010	81.44	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	94953	103.93	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	385790	69.40	ng		0.00
78) Terphenyl-d14	12.94	244	320139	67.38	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	7499	3.758	ng		94
10) Phenol	6.47	94	12877	3.552	ng		87
19) n-Nitroso-di-n-propylamine	7.39	70	29913	13.625	ng	#	80
25) Isophorone	7.39	82	234008	47.679	ng	#	64
49) Dimethylphthalate	9.57	163	50639	8.256	ng		100
55) 4-Nitrophenol	10.07	139	3420	3.491	ng	#	9
56) 2,4-Dinitrotoluene	9.86	165	9660	5.580	ng	#	21
66) 4-Bromophenyl-phenylether	10.66	248	5736	3.866	ng	#	1
70) Phenanthrene	11.38	178	117760	16.130	ng		97
71) Anthracene	11.43	178	20169	2.730	ng		95
74) Fluoranthene	12.57	202	104592	12.924	ng		94
77) Pyrene	12.80	202	88021	12.275	ng		98
80) Benzo(a)anthracene	13.99	228	41321	6.298	ng		98
82) Chrysene	14.03	228	39182	6.430	ng		96
85) Indeno(1,2,3-cd)pyrene	16.97	276	25739	4.751	ng	#	90
87) Benzo(b)fluoranthene	15.05	252	64496	11.636	ng		98
88) Benzo(k)fluoranthene	15.05	252	64496	11.810	ng		98
89) Benzo(a)pyrene	15.42	252	39411	7.821	ng		95
91) Benzo(g,h,i)perylene	17.42	276	23534	5.621	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
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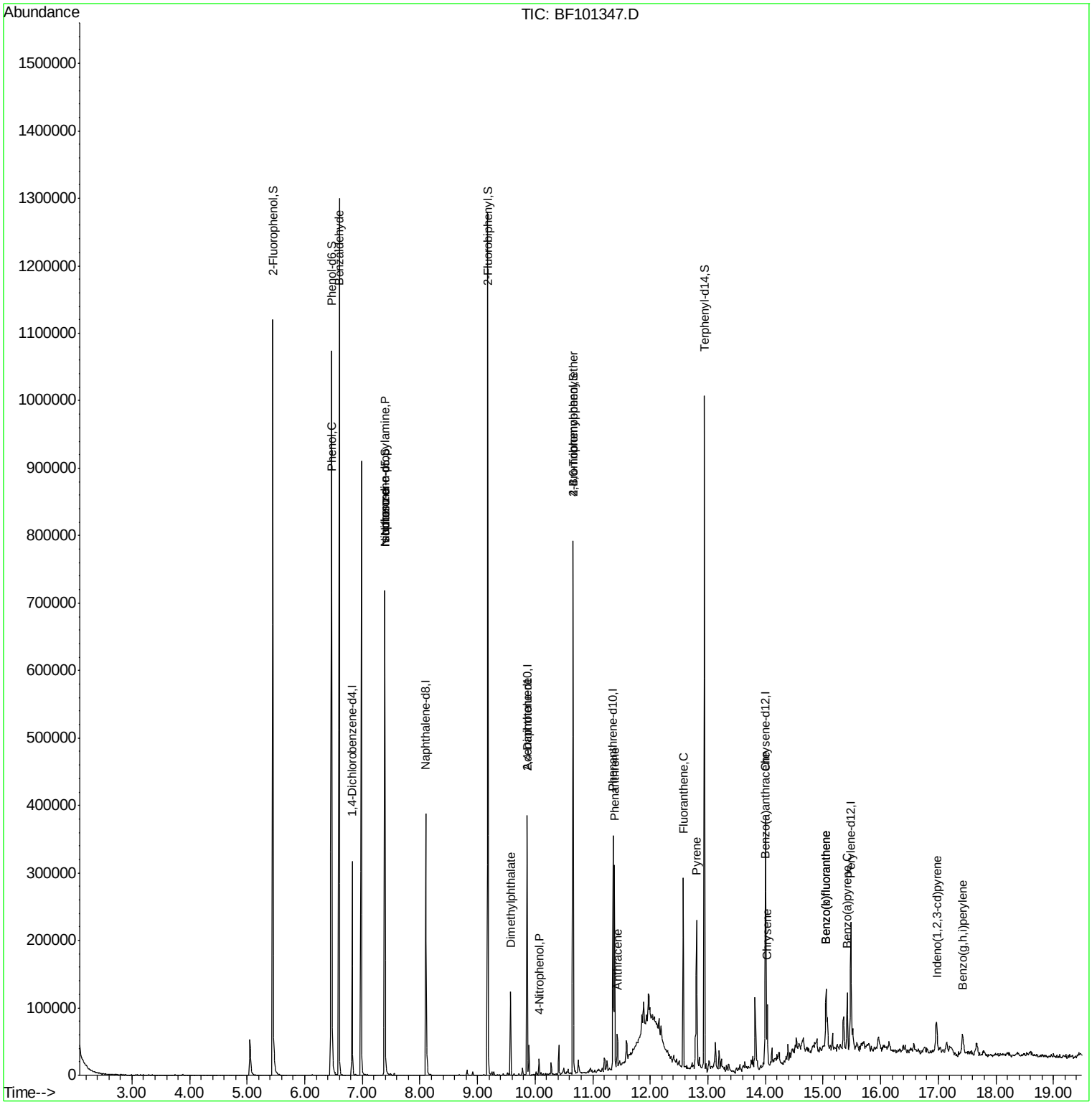
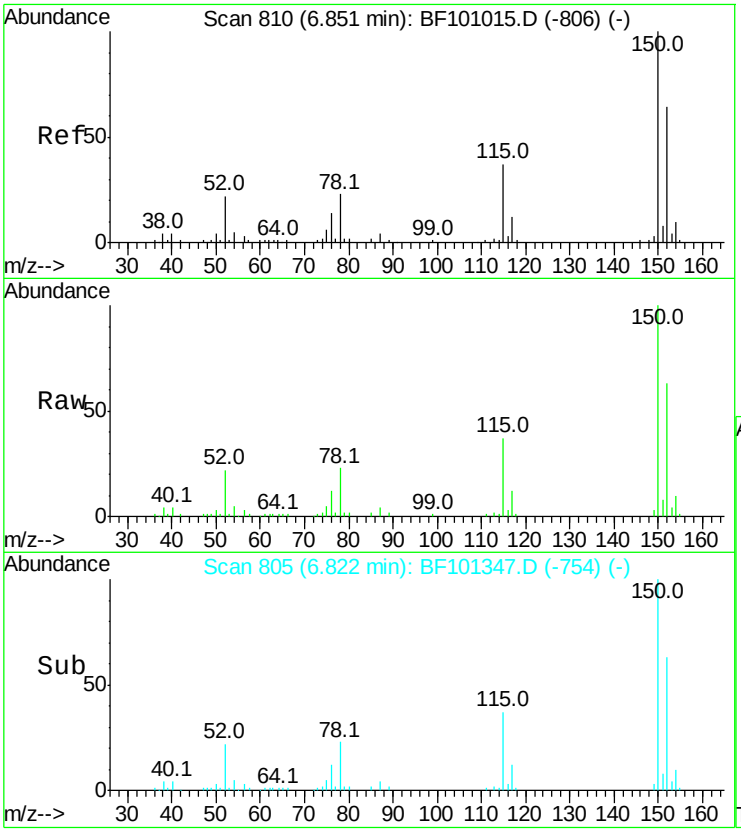


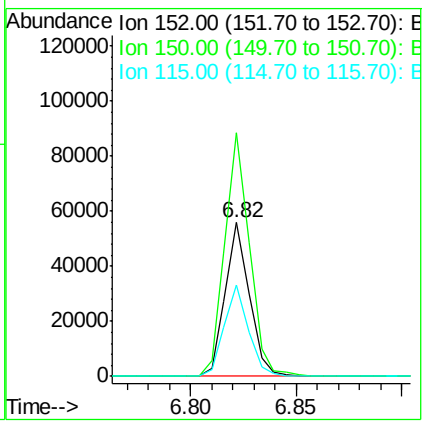


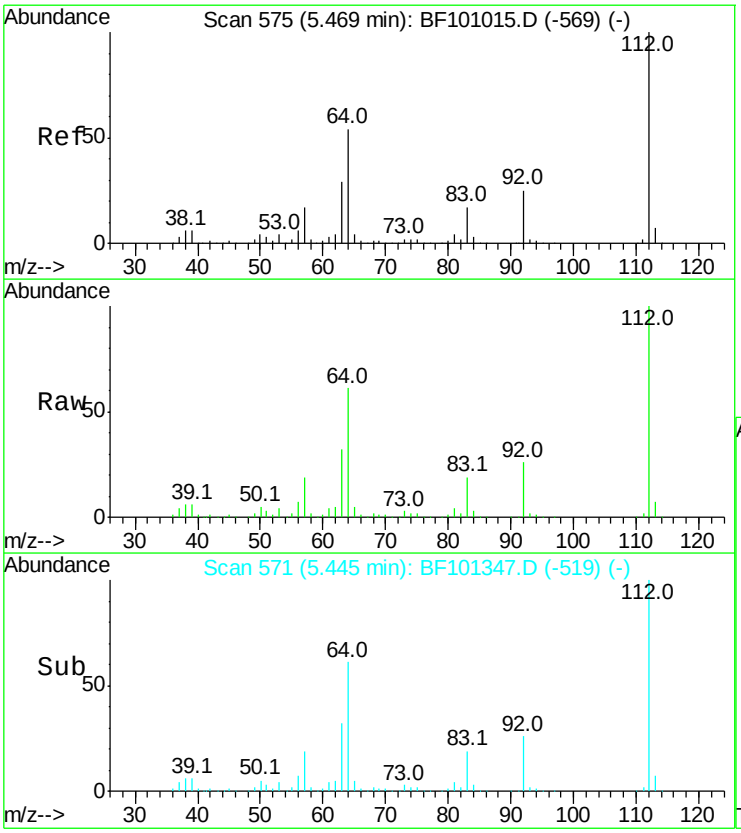
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 44370

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	59.2	50.1	75.1

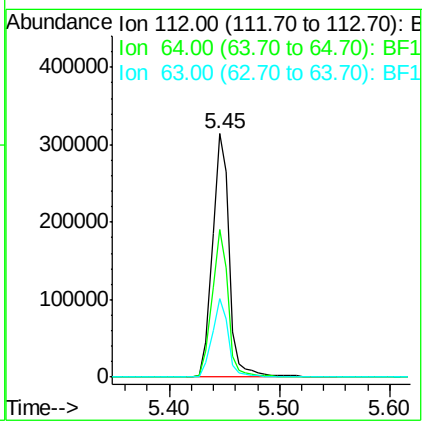


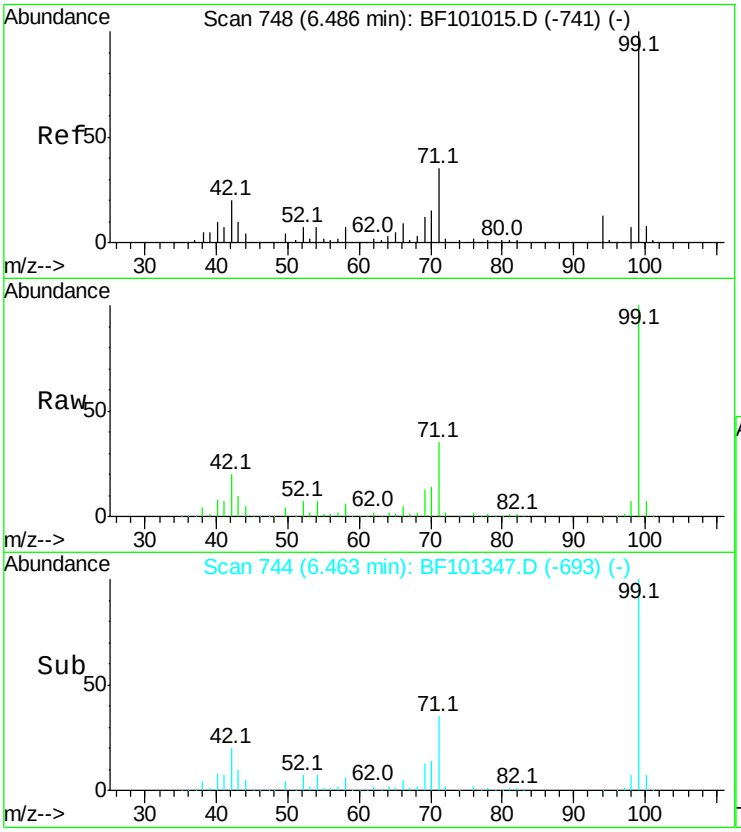


#5
2-Fluorophenol
Concen: 122.963 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Tgt Ion:112 Resp: 330169

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	32.1	23.7	35.5



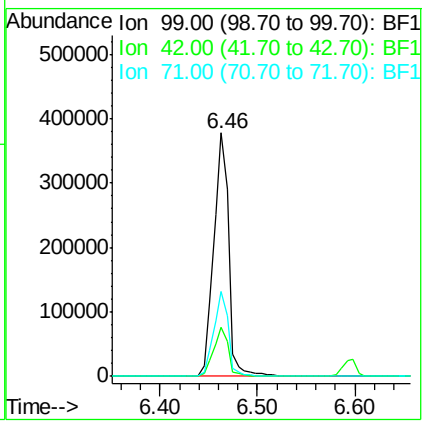


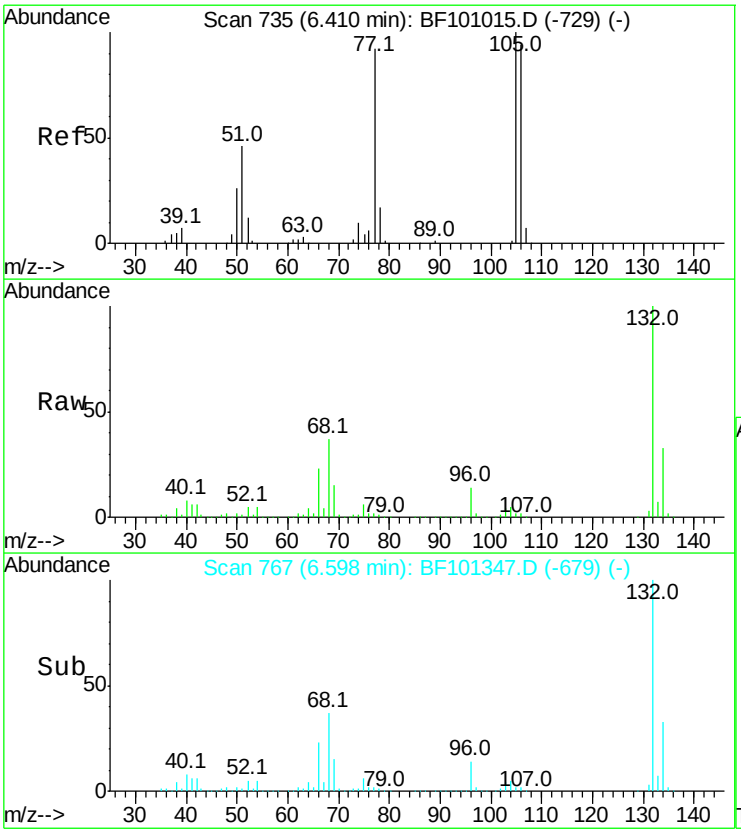
#7
Phenol-d6
Concen: 123.382 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 402225

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	34.8	25.4	38.0

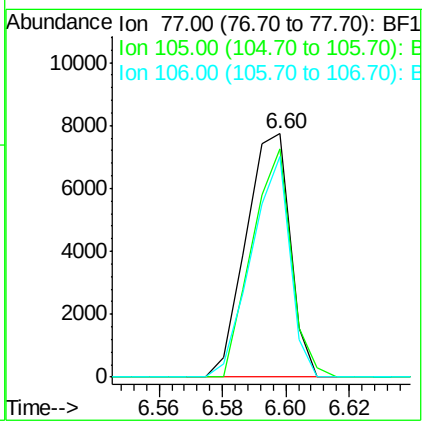


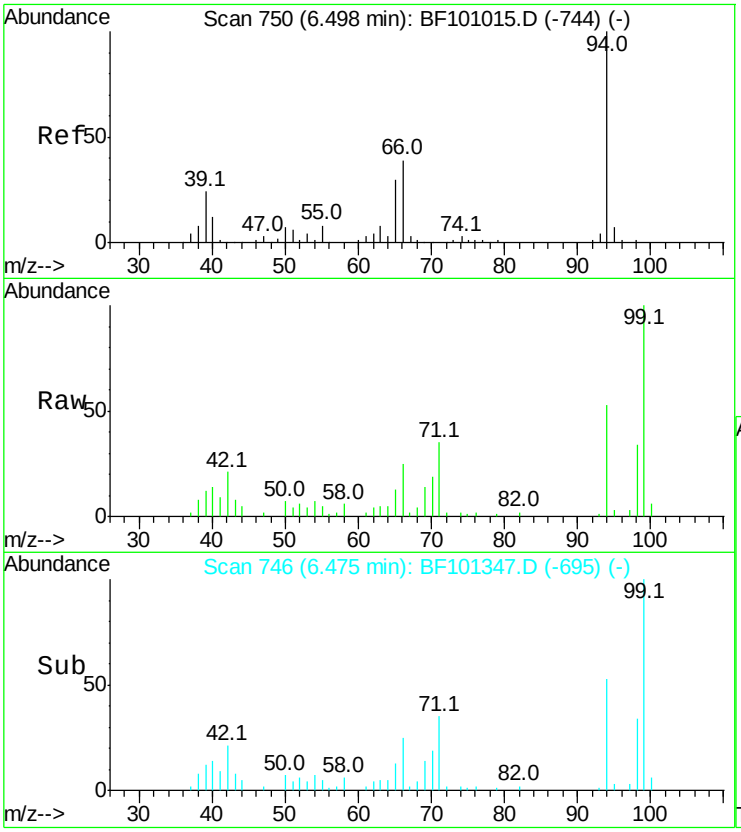


#9
Benzaldehyde
Concen: 3.758 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.22 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Tgt Ion: 77 Resp: 7499

Ion	Ratio	Lower	Upper
77	100		
105	93.9	81.1	121.1
106	90.6	74.5	114.5



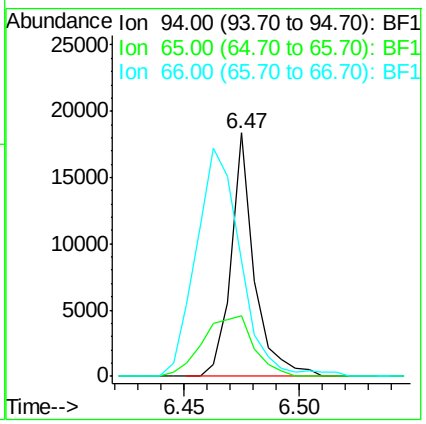


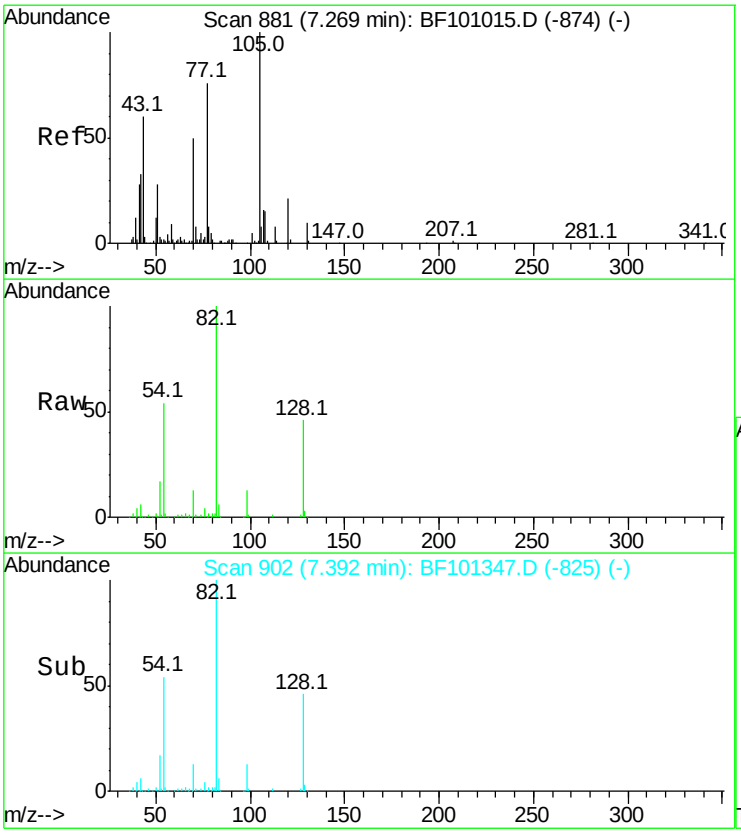
#10
Phenol
Concen: 3.552 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 12877

Ion	Ratio	Lower	Upper
94	100		
65	25.0	7.9	47.9
66	47.6	16.2	56.2

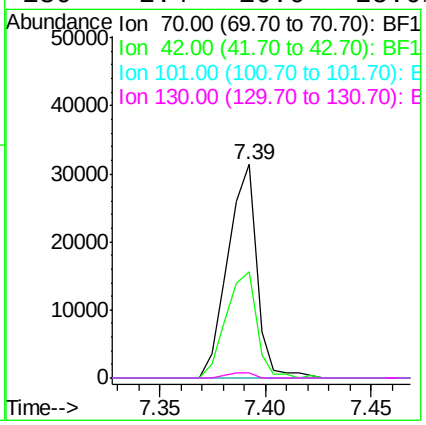


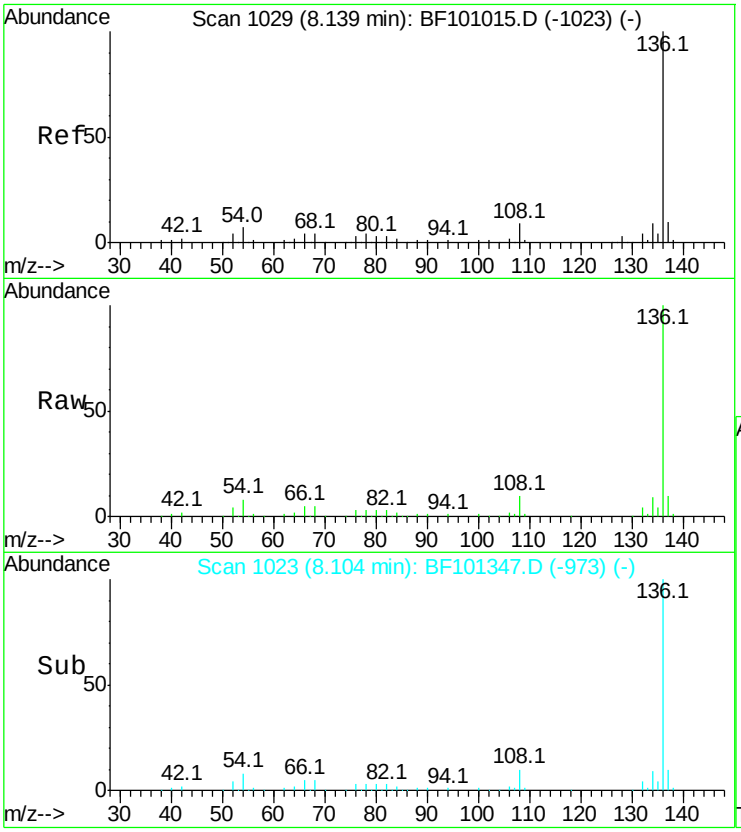


#19
n-Nitroso-di-n-propylamine
Concen: 13.625 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Tgt Ion: 70 Resp: 29913

Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



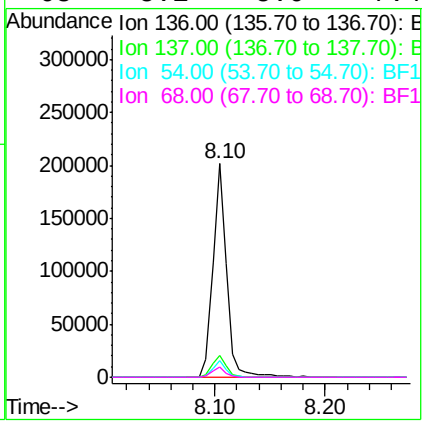


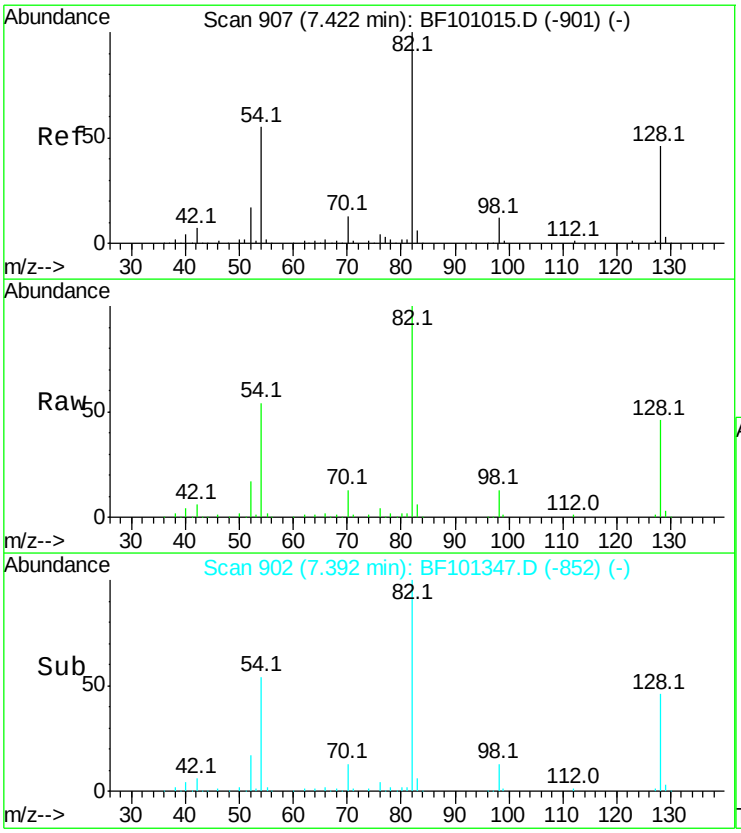
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 171405

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	7.6	6.6	9.8
68	5.1	5.0	7.4

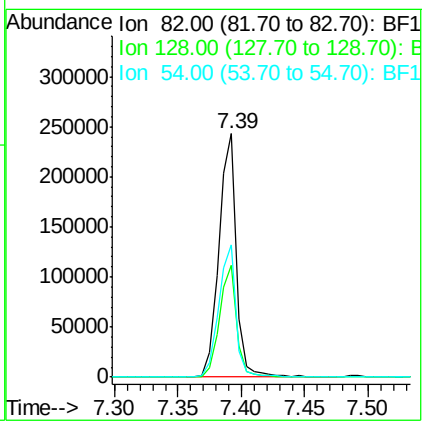


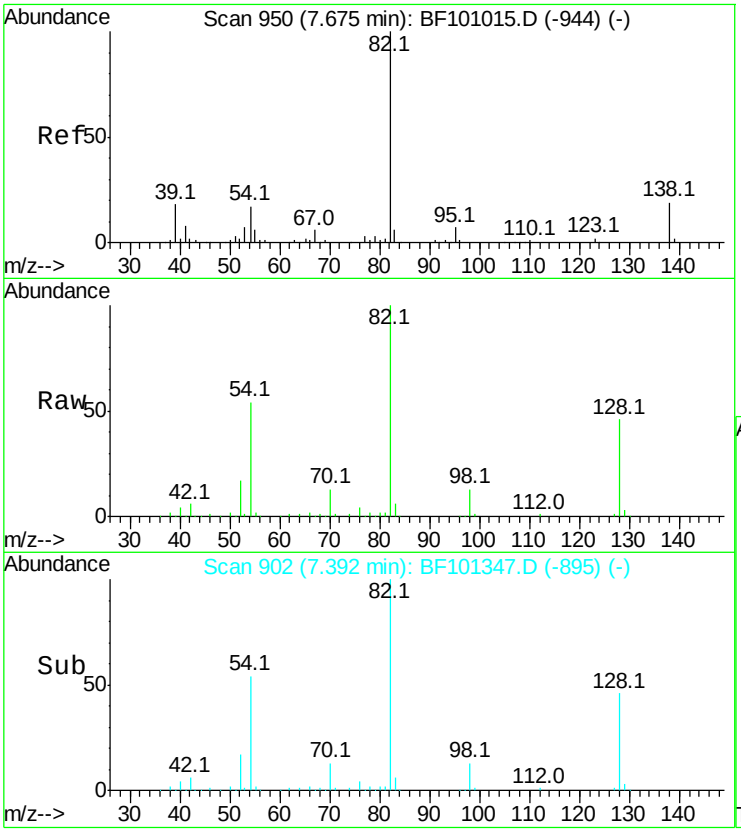


#23
Nitrobenzene-d5
Concen: 81.441 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Tgt Ion: 82 Resp: 234010

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	54.2	41.4	62.2



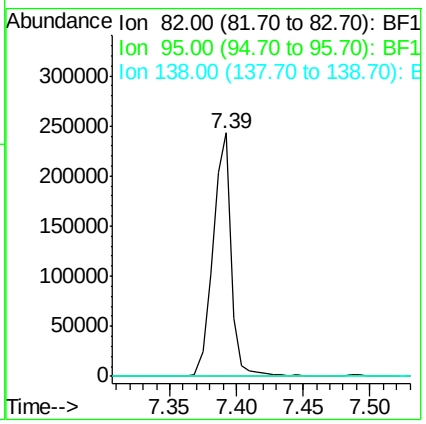


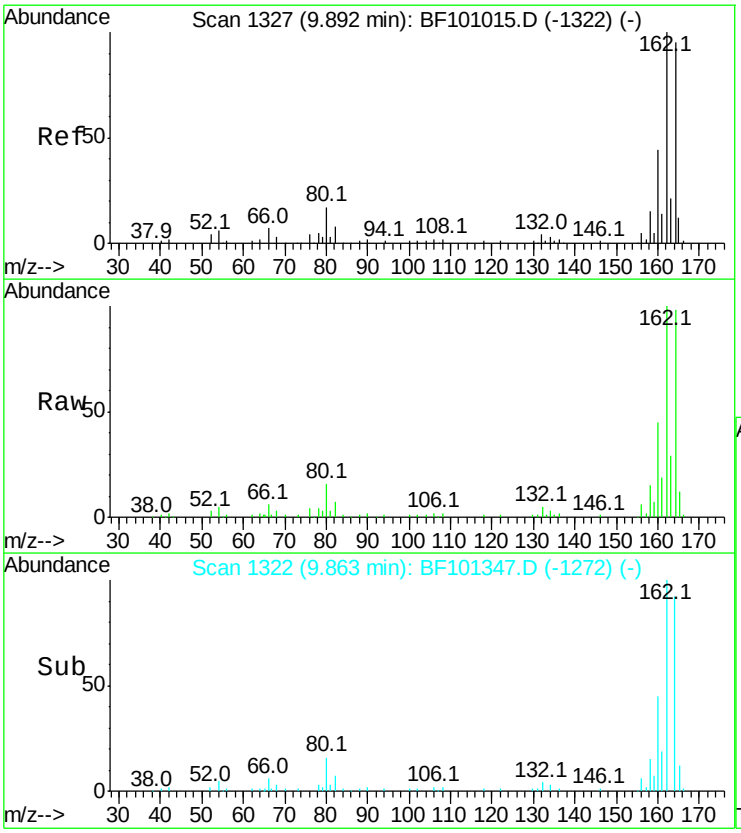
#25
Isophorone
Concen: 47.679 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 234008

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

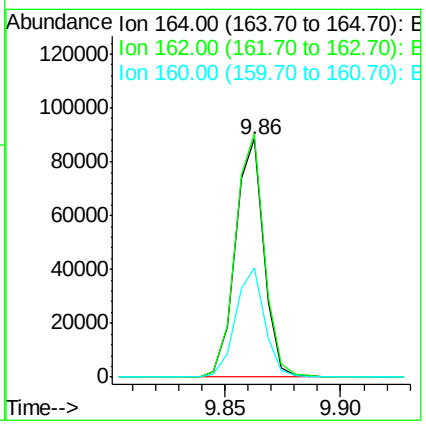


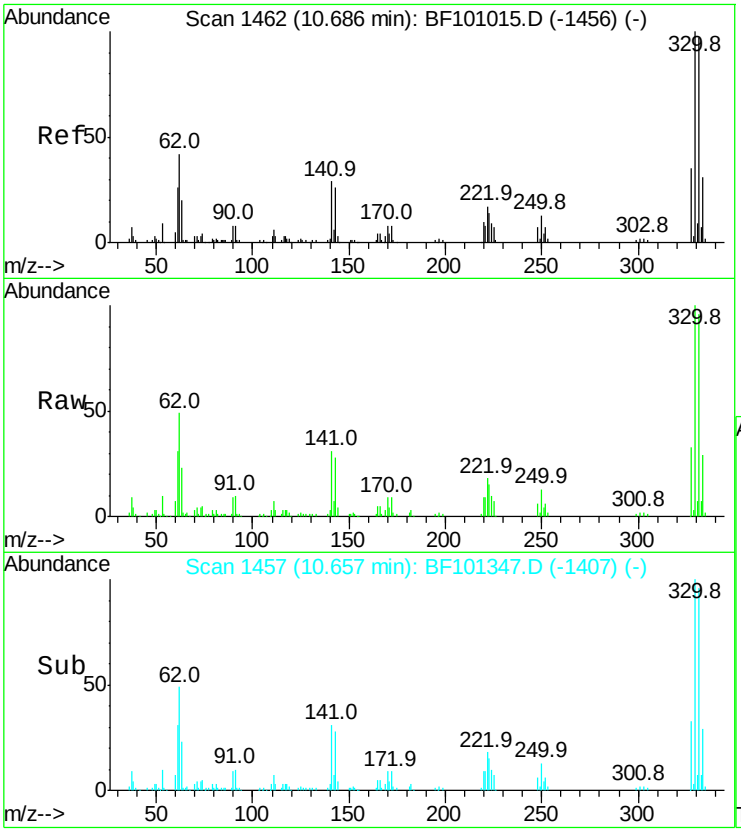


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Tgt Ion:164 Resp: 76054

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	45.7	38.3	57.5



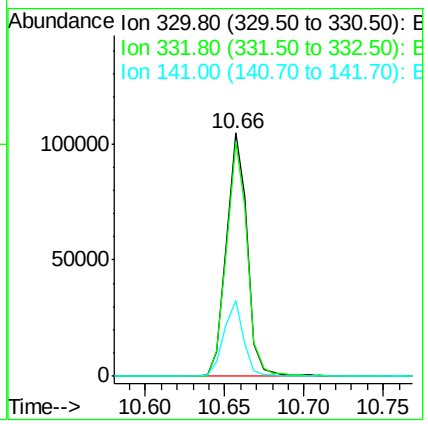


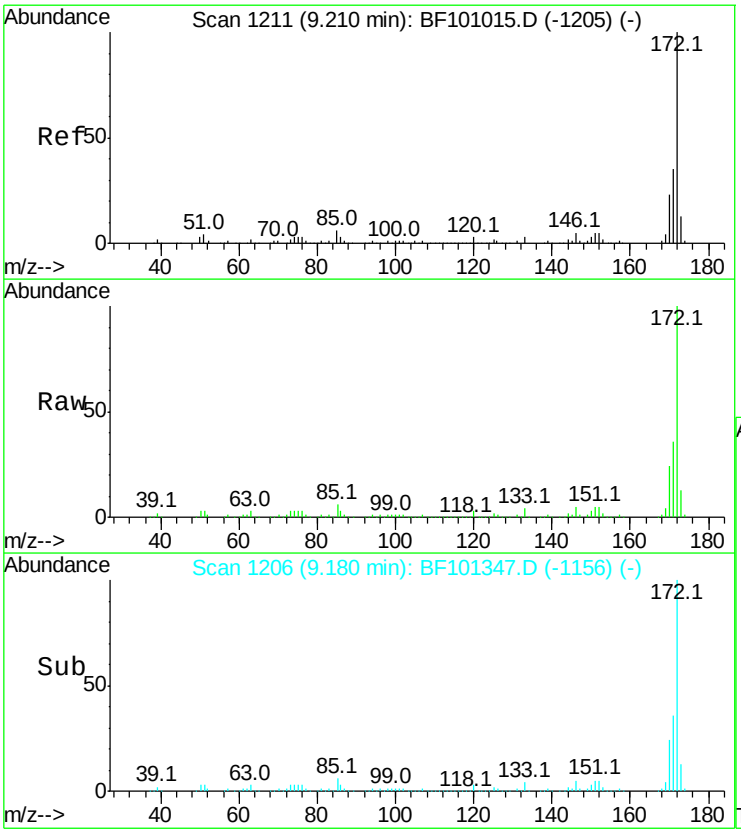
#41
2,4,6-Tribromophenol
Concen: 103.930 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 94953

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	29.4	29.9	44.9#

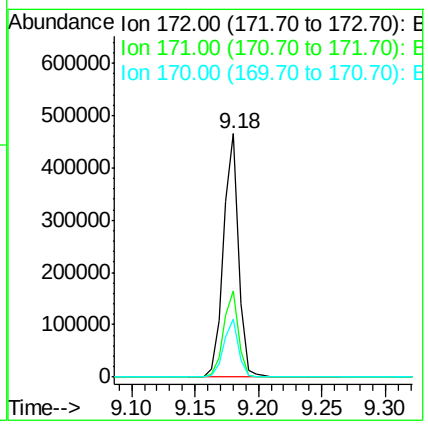


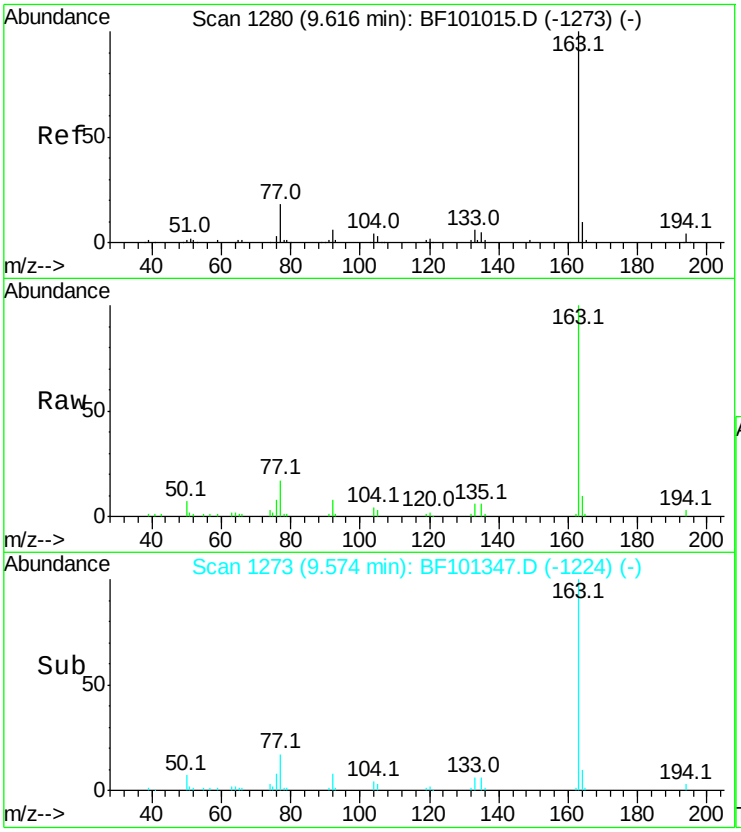


#44
2-Fluorobiphenyl
Concen: 69.403 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Tgt Ion:172 Resp: 385790

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.1	19.6	29.4



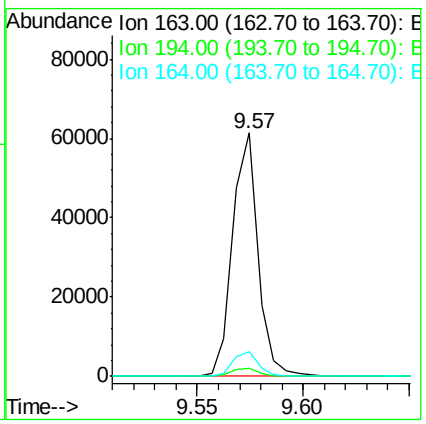


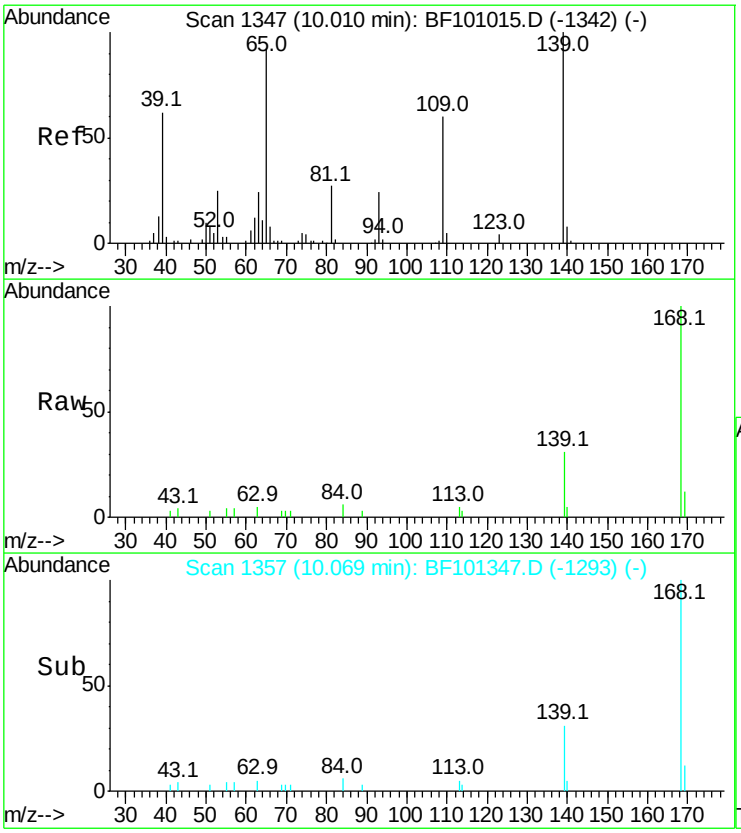
#49
Dimethylphthalate
Concen: 8.256 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 50639

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2

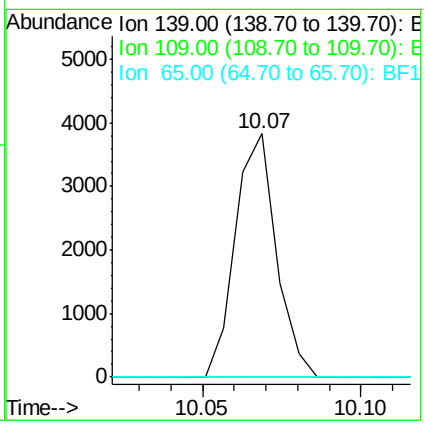


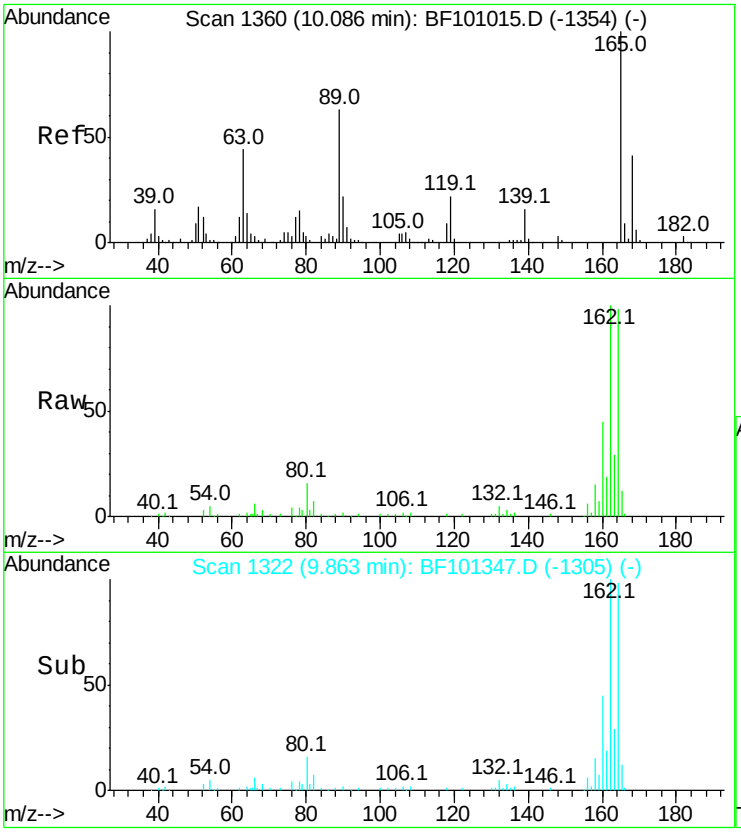


#55
4-Nitrophenol
Concen: 3.491 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.08 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Tgt Ion:139 Resp: 3420

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



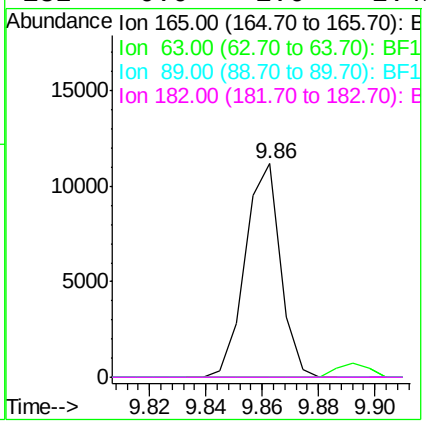


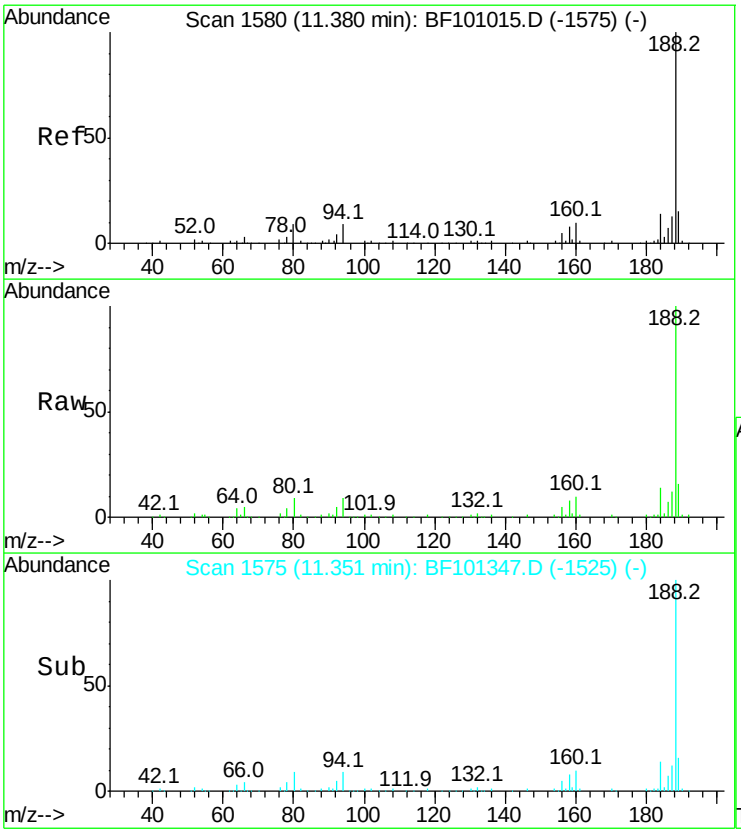
#56
2,4-Dinitrotoluene
Concen: 5.580 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.20 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 9660

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

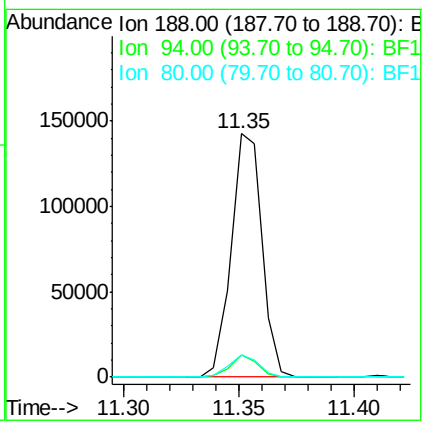


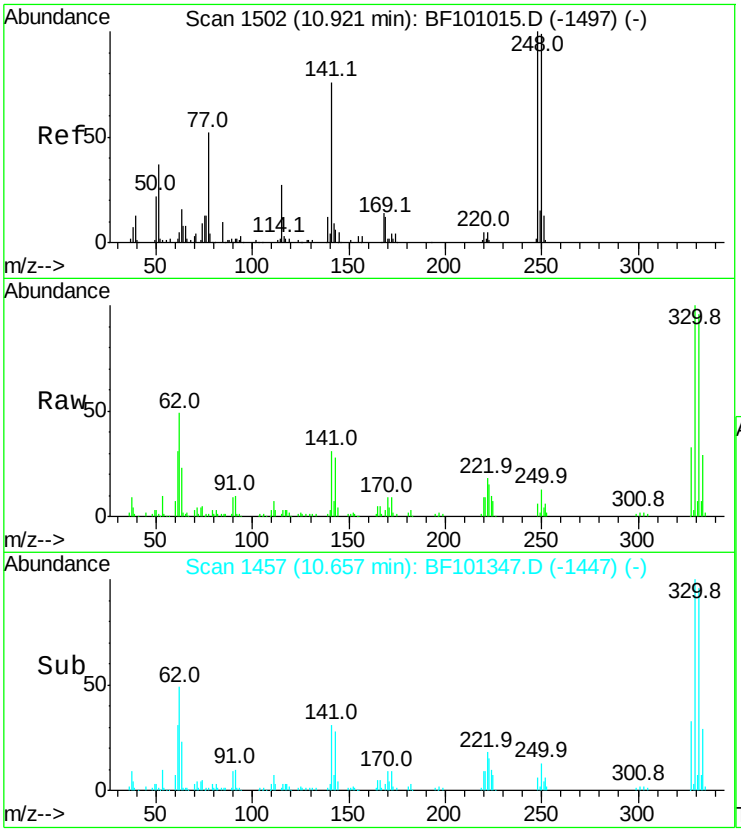


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Tgt Ion:188 Resp: 132570

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.3	9.2	13.8



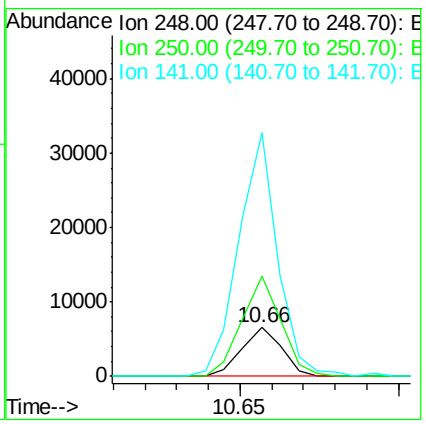


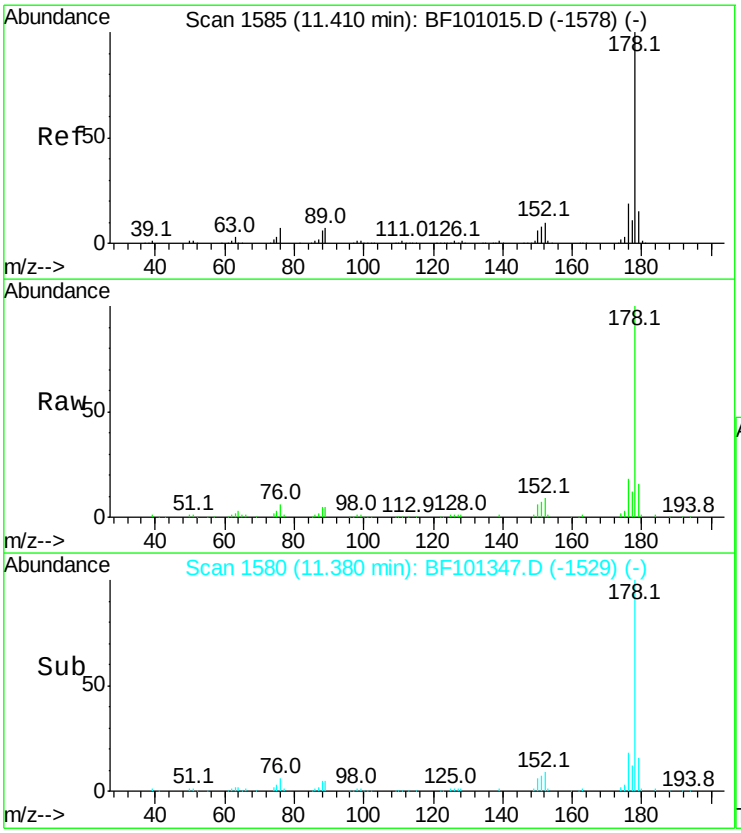
#66
4-Bromophenyl-phenylether
Concen: 3.866 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 5736

Ion	Ratio	Lower	Upper
248	100		
250	207.1	76.9	115.3#
141	502.3	74.4	111.6#

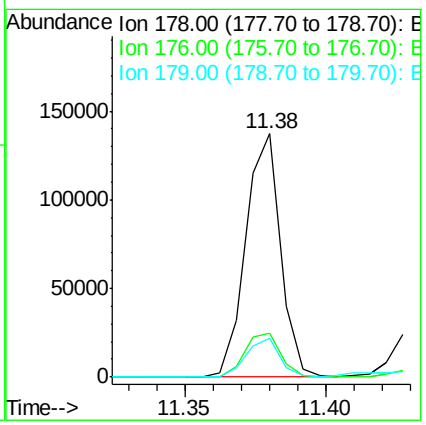


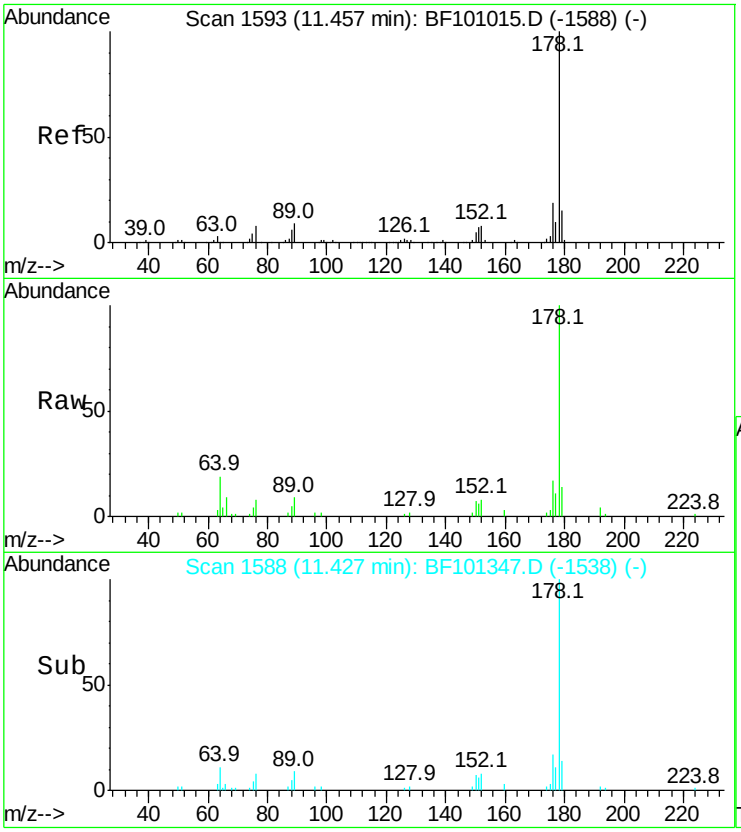


#70
Phenanthrene
Concen: 16.130 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Tgt Ion:178 Resp: 117760

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	15.7	13.0	19.6



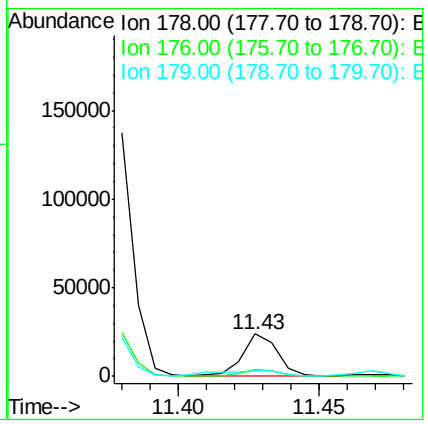


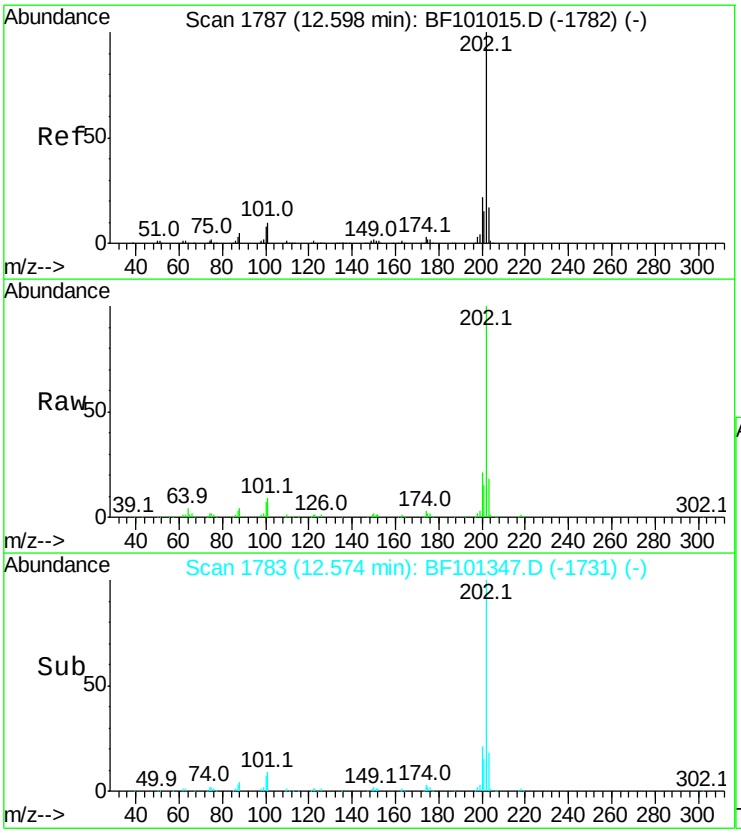
#71
Anthracene
Concen: 2.730 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 20169

Ion	Ratio	Lower	Upper
178	100		
176	16.5	15.4	23.2
179	13.9	12.6	19.0

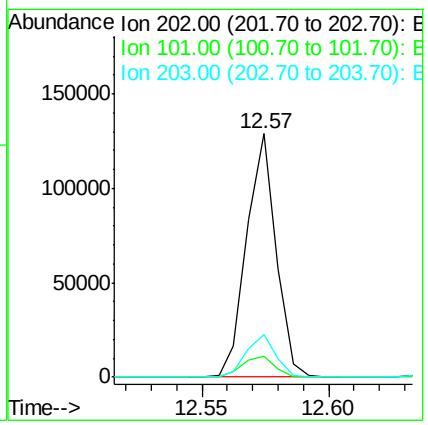


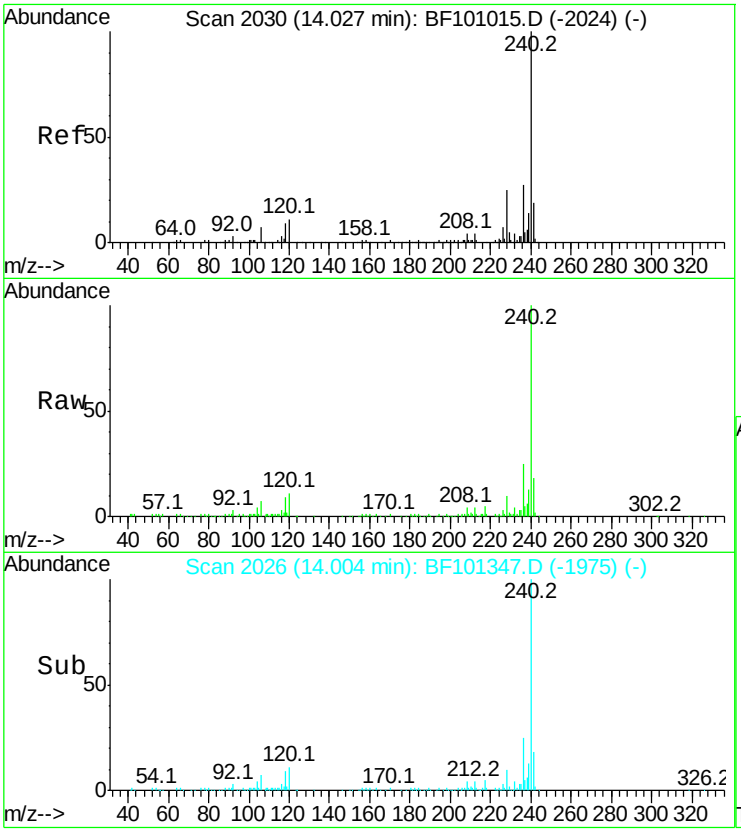


#74
Fluoranthene
Concen: 12.924 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Tgt Ion:202 Resp: 104592

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	34.1
203	17.5	0.0	38.1



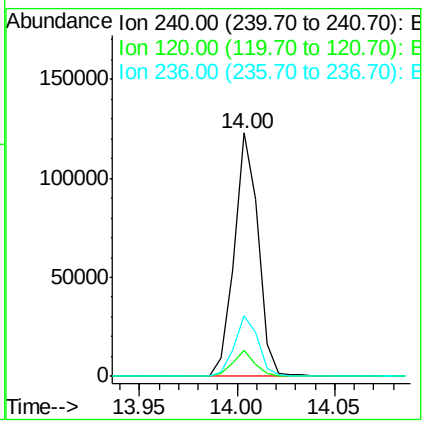


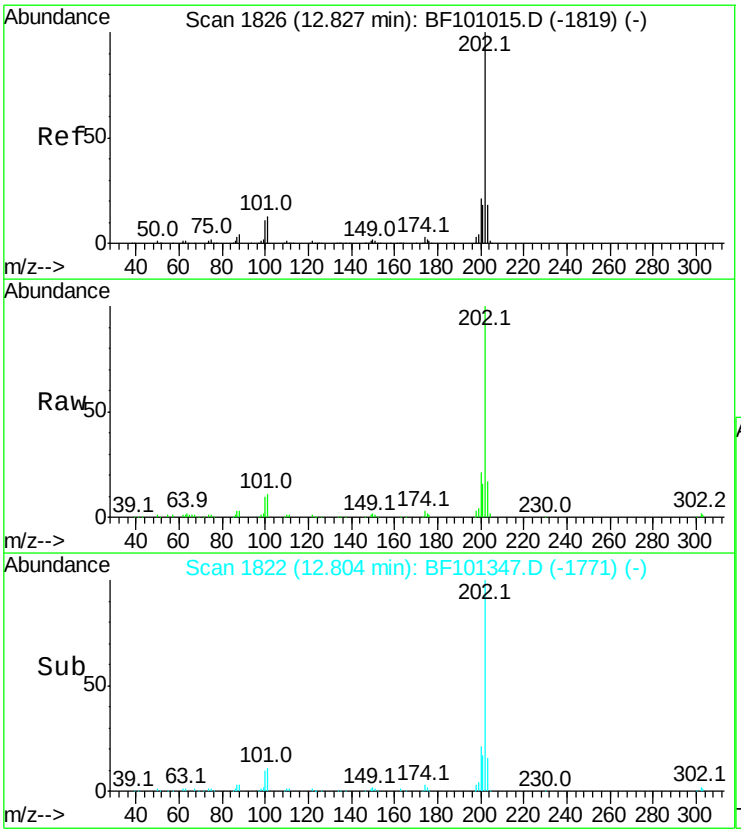
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 103920

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	24.7	20.7	31.1

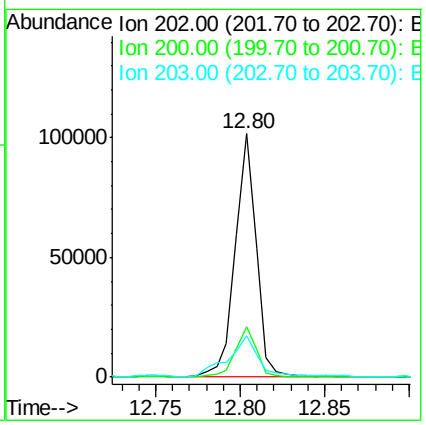


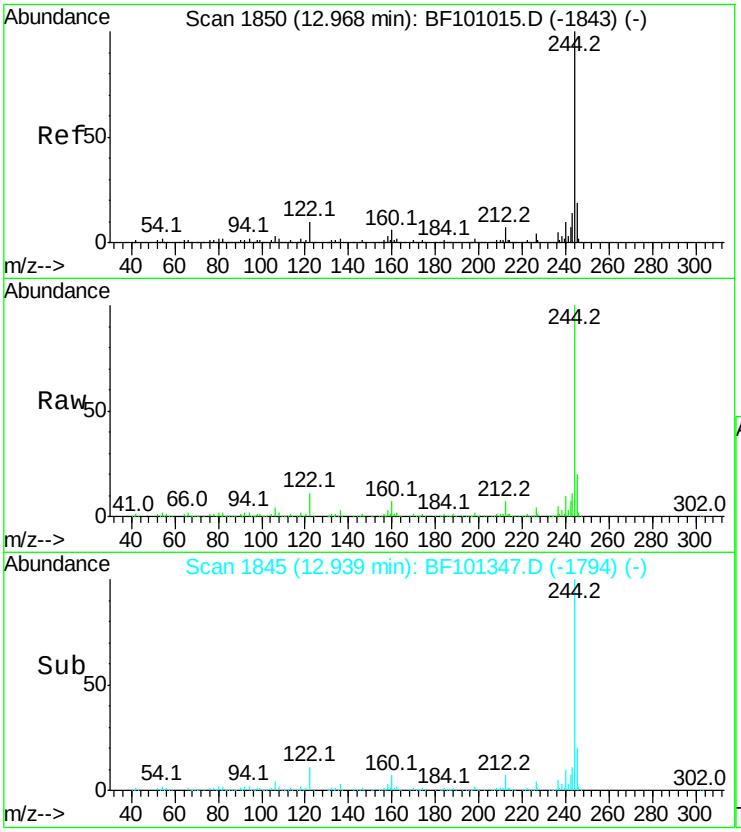


#77
Pyrene
Concen: 12.275 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Tgt Ion:202 Resp: 88021

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	16.9	14.3	21.5



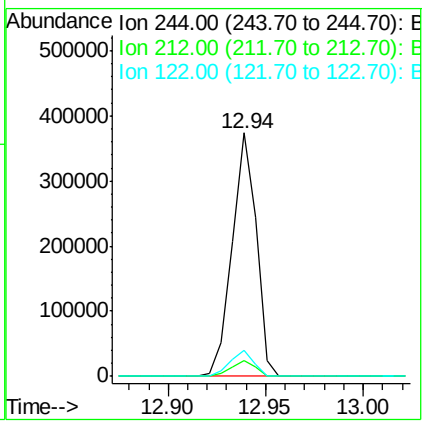


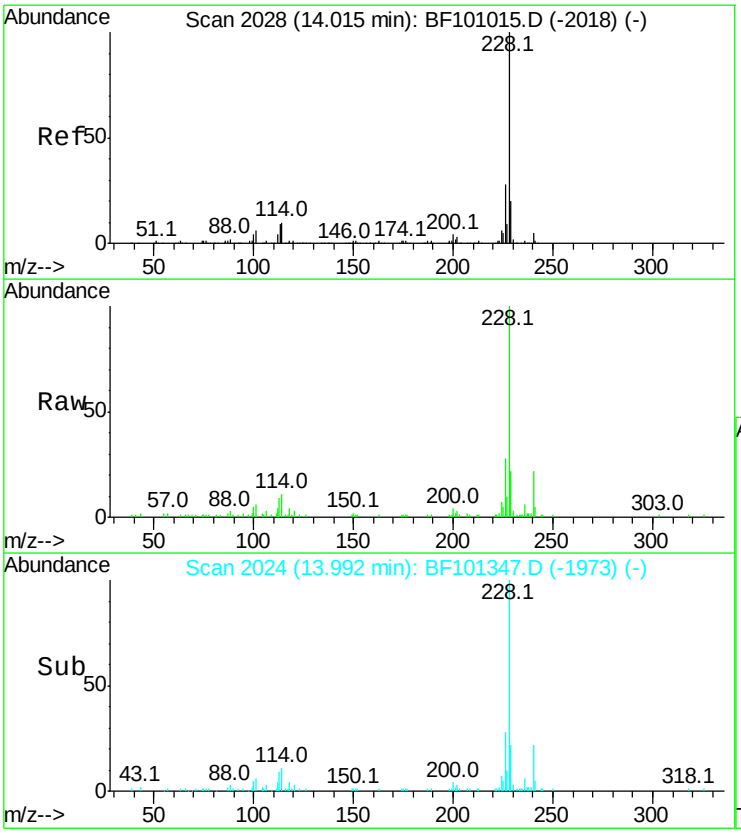
#78
Terphenyl-d14
Concen: 67.381 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 320139

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.8	11.0	16.4#

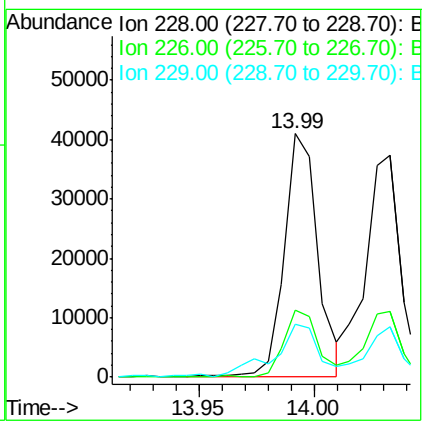


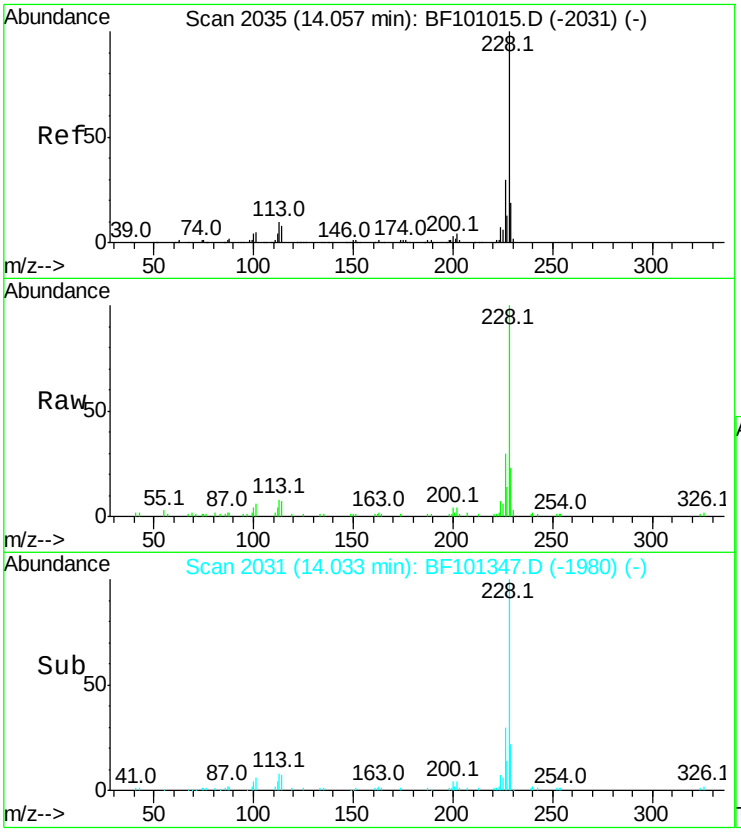


#80
Benzo(a)anthracene
Concen: 6.298 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Tgt Ion:228 Resp: 41321

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	21.5	15.8	23.6



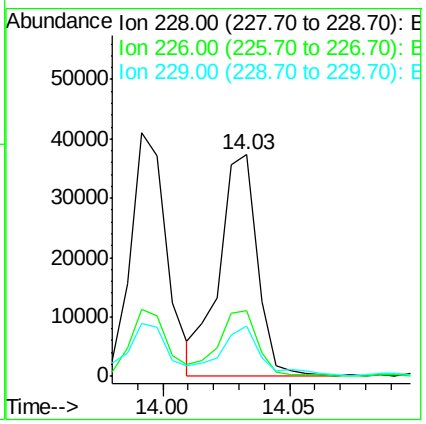


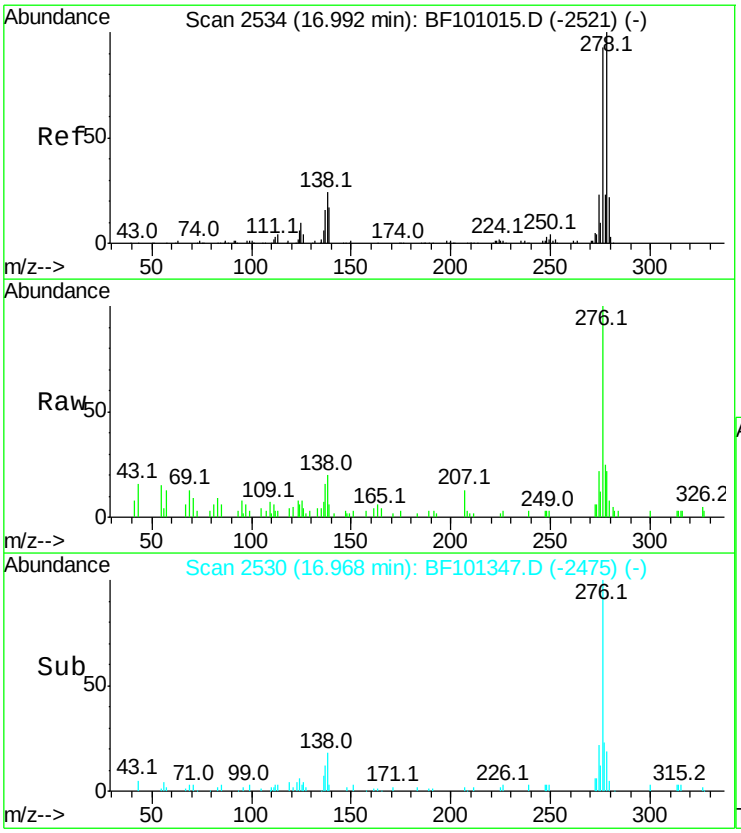
#82
Chrysene
Concen: 6.430 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 39182

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.6	16.2	24.4

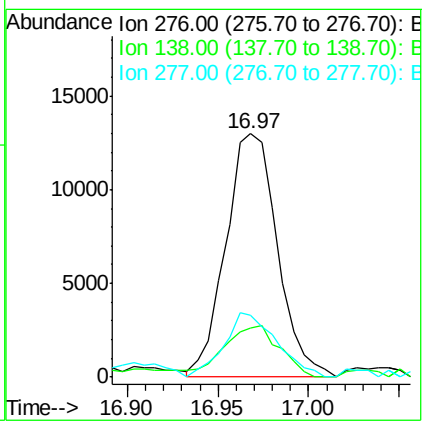


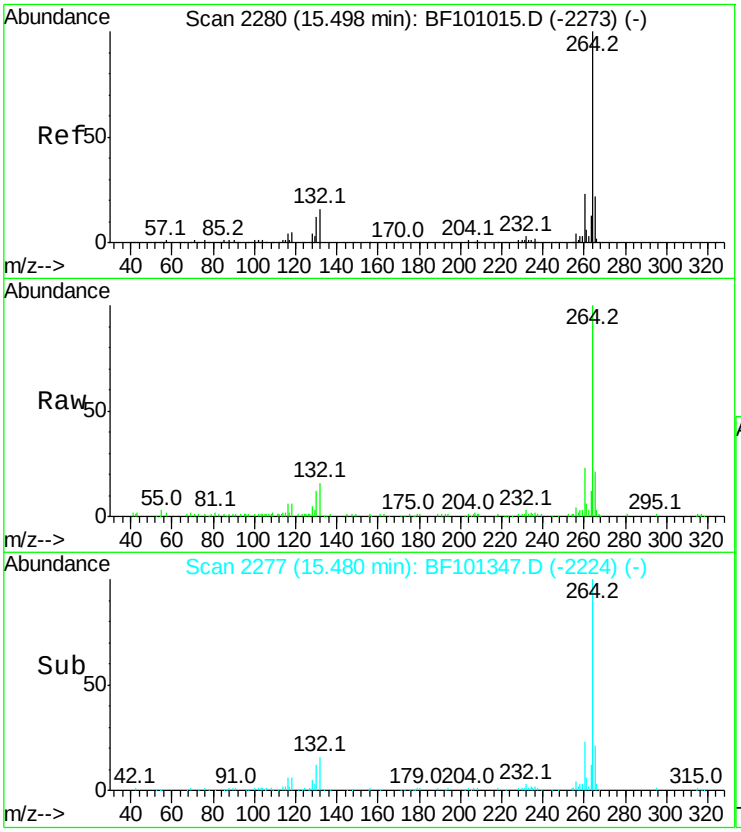


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.751 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.02 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Tgt Ion:276 Resp: 25739

Ion	Ratio	Lower	Upper
276	100		
138	22.7	25.0	37.6#
277	26.9	20.1	30.1



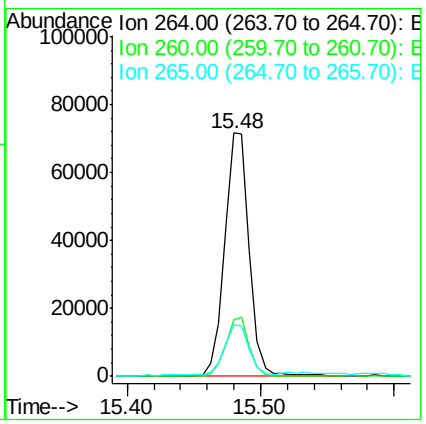


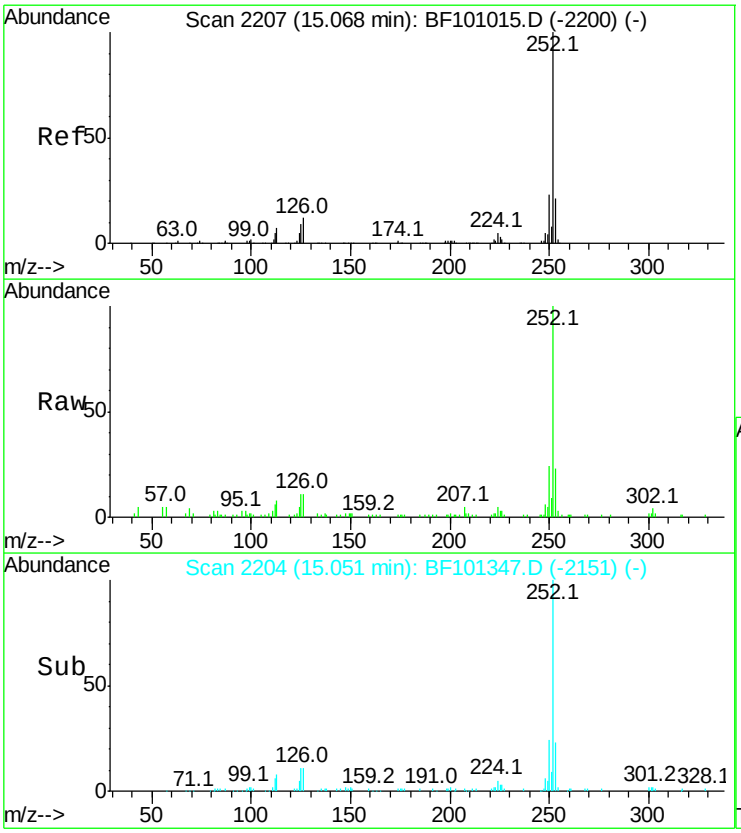
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 92541

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	17.5	26.3

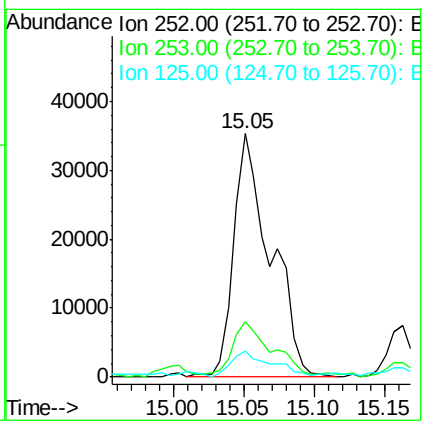


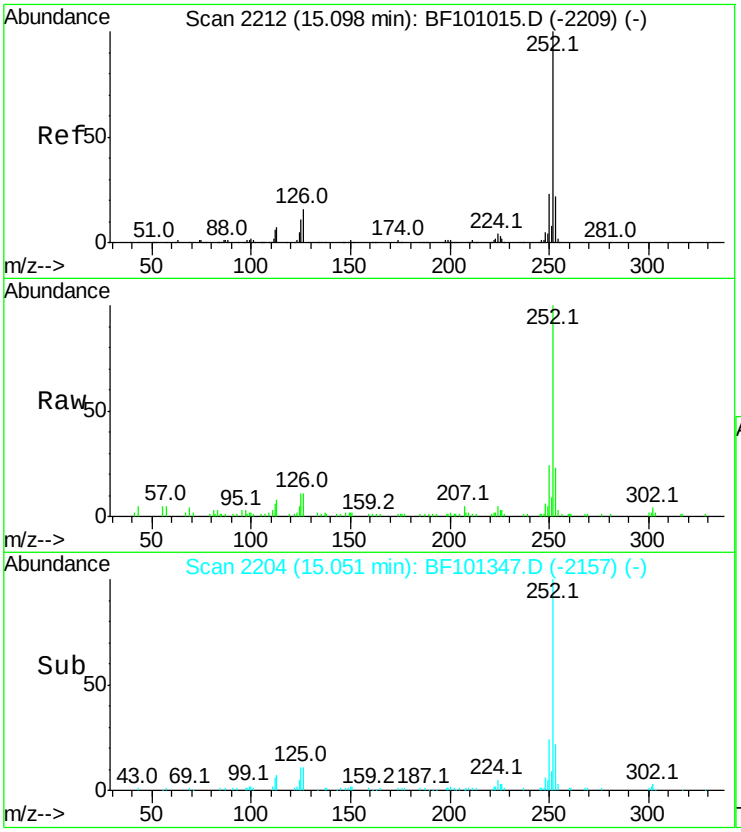


#87
Benzo(b)fluoranthene
Concen: 11.636 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Tgt Ion:252 Resp: 64496

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	10.5	9.0	13.6



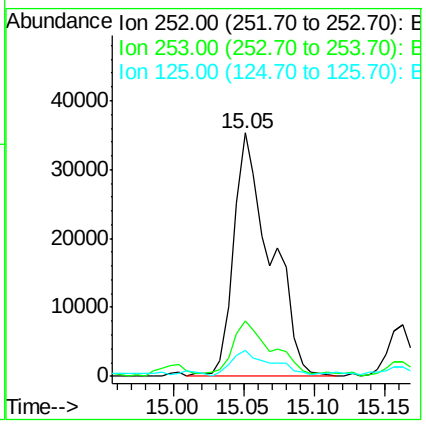


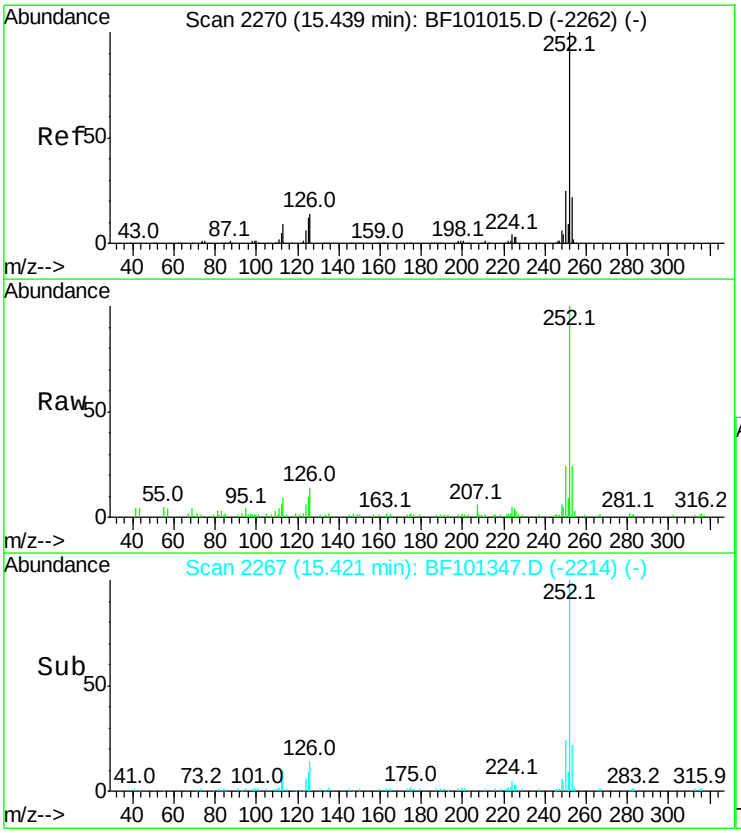
#88
Benzo(k)fluoranthene
Concen: 11.810 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 64496

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.5	10.2	15.2

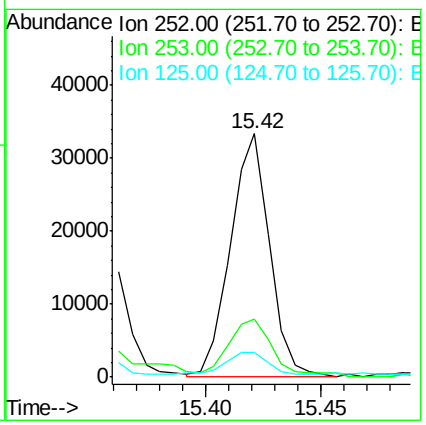


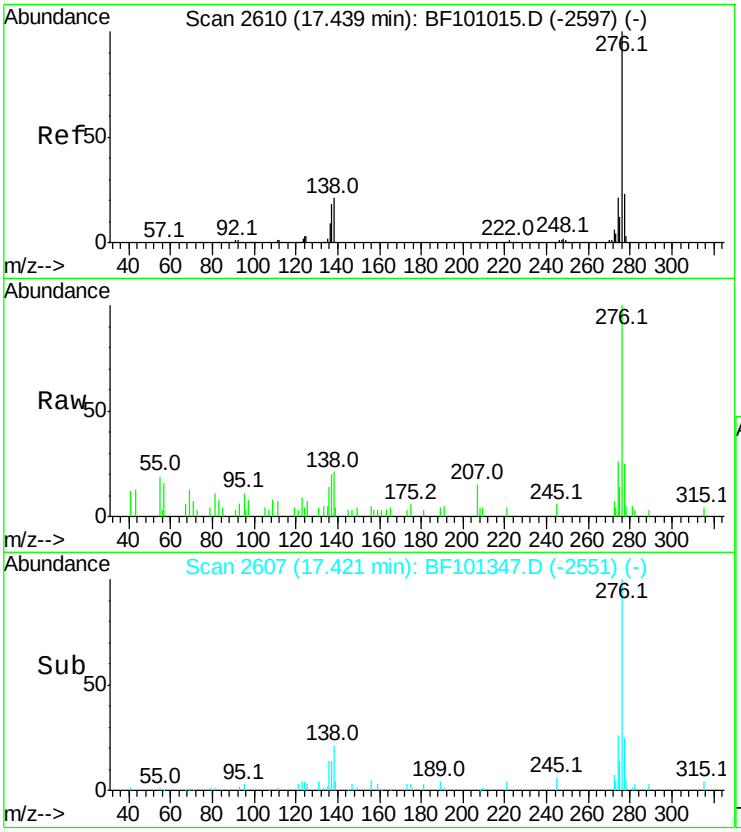


#89
Benzo(a)pyrene
Concen: 7.821 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Tgt Ion:252 Resp: 39411

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	10.0	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.621 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.03 min
Lab File: BF101347.D
Acq: 12 Dec 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 23534

Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	25.3	21.8	32.8