Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101364.D
Acq On : 13 Dec 2017 7:45
Operator : SJ/JU
Sample : I6764-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 13 09:32:43 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	40557	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	143993	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	56781	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	100207	20.00	ng		0.00
75) Chrysene-d12	14.01	240	77604	20.00	ng		0.00
86) Perylene-d12	15.49	264	60620	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	276693	112.74	ng		0.00
7) Phenol-d6	6.47	99	328463	110.23	ng		0.00
23) Nitrobenzene-d5	7.39	82	171866	71.20	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	60817	89.16	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	369670	89.08	ng		0.00
78) Terphenyl-d14	12.94	244	304356	85.78	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	9437	2.848	ng	#	48
19) n-Nitroso-di-n-propylamine	7.39	70	21938	10.932	ng	#	85
25) Isophorone	7.39	82	171887	41.689	ng	#	64
49) Dimethylphthalate	9.57	163	42071	9.187	ng		99
50) 2,6-Dinitrotoluene	9.86	165	6941	7.197	ng	#	24
56) 2,4-Dinitrotoluene	9.86	165	6941	5.370	ng	#	21
66) 4-Bromophenyl-phenylether	10.66	248	3623	3.230	ng	#	1
70) Phenanthrene	11.38	178	32353	5.863	ng		95
71) Anthracene	11.43	178	13072	2.341	ng		97
74) Fluoranthene	12.57	202	71566	11.700	ng		95
77) Pyrene	12.81	202	73971	13.814	ng		95
80) Benzo(a)anthracene	14.00	228	33790	6.896	ng		99
82) Chrysene	14.03	228	29191	6.415	ng		97
85) Indeno(1,2,3-cd)pyrene	16.98	276	14131	3.493	ng	#	88
87) Benzo(b)fluoranthene	15.06	252	44417	12.233	ng		98
88) Benzo(k)fluoranthene	15.06	252	44417	12.416	ng	#	96
89) Benzo(a)pyrene	15.43	252	24597	7.451	ng	#	96
91) Benzo(g,h,i)perylene	17.43	276	14652	5.342	ng		97

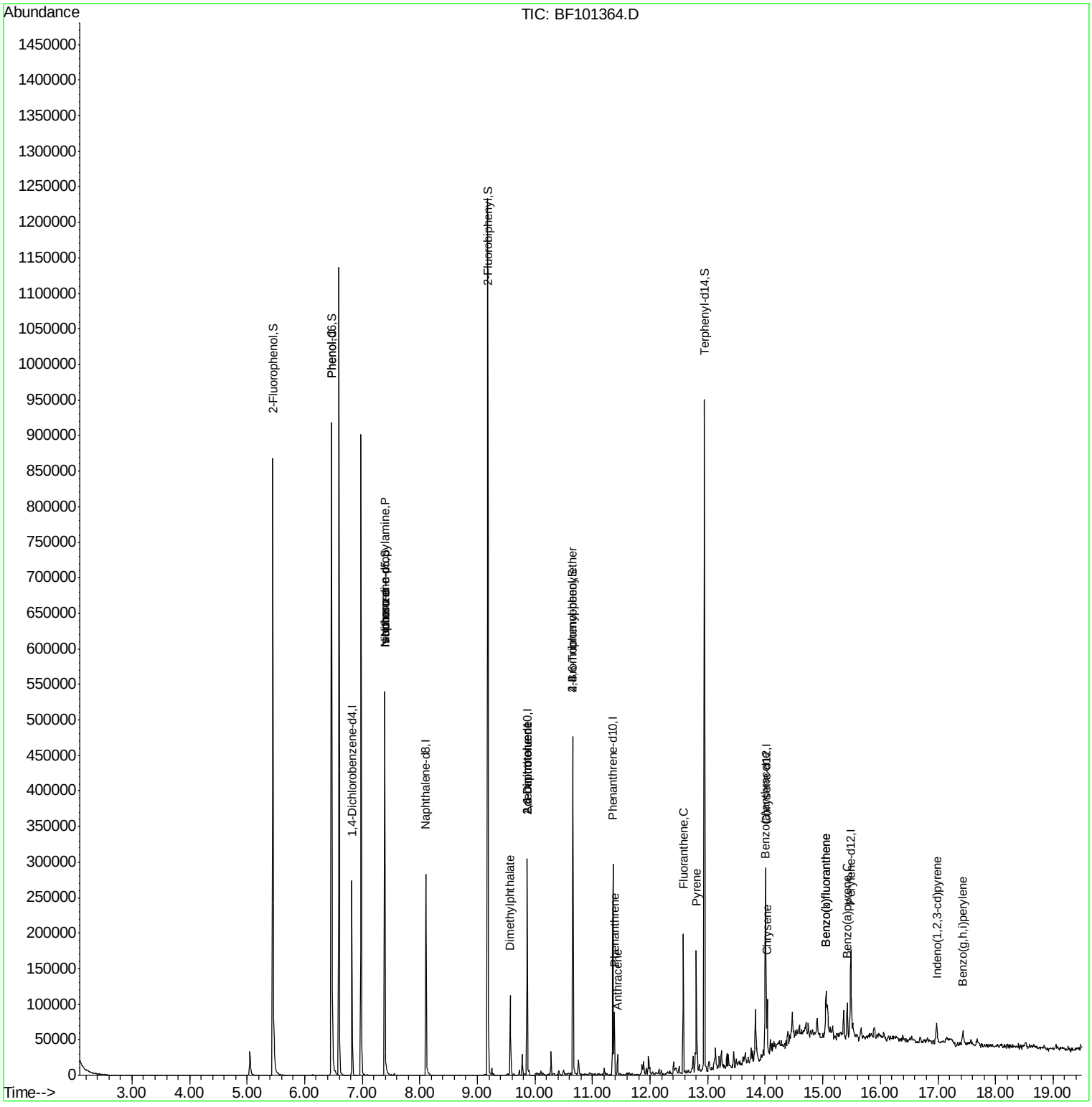
(#) = qualifier out of range (m) = manual integration (+) = signals summed

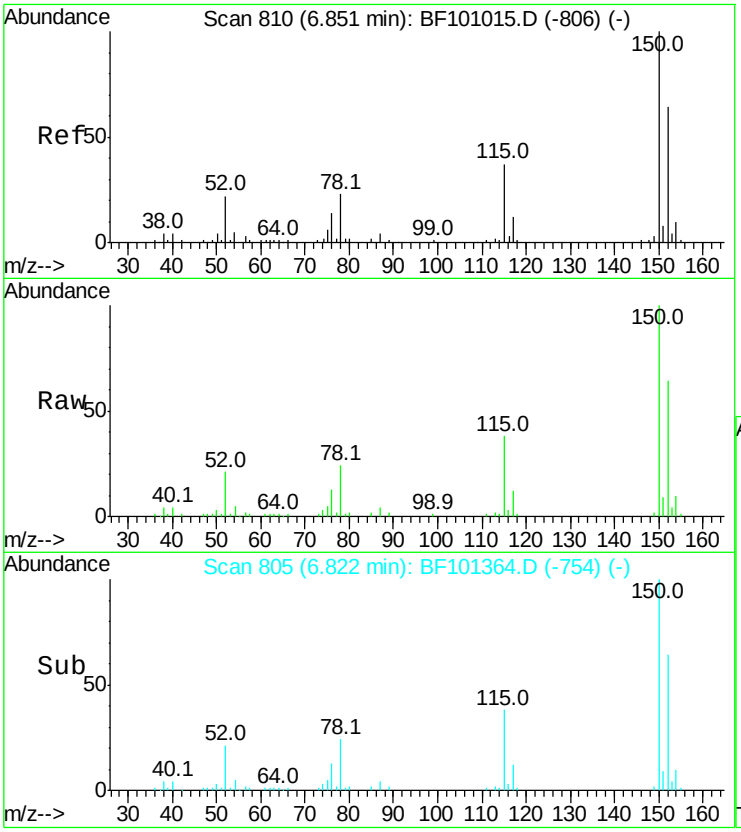
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101364.D
Acq On : 13 Dec 2017 7:45
Operator : SJ/JU
Sample : I6764-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 13 09:32:43 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



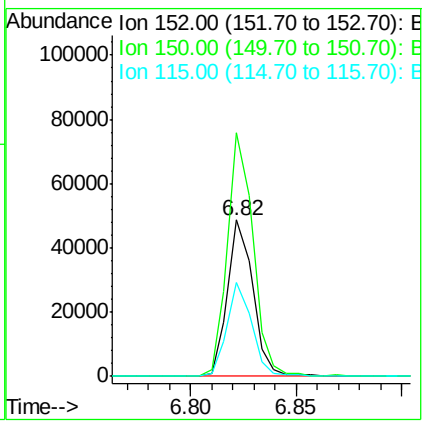


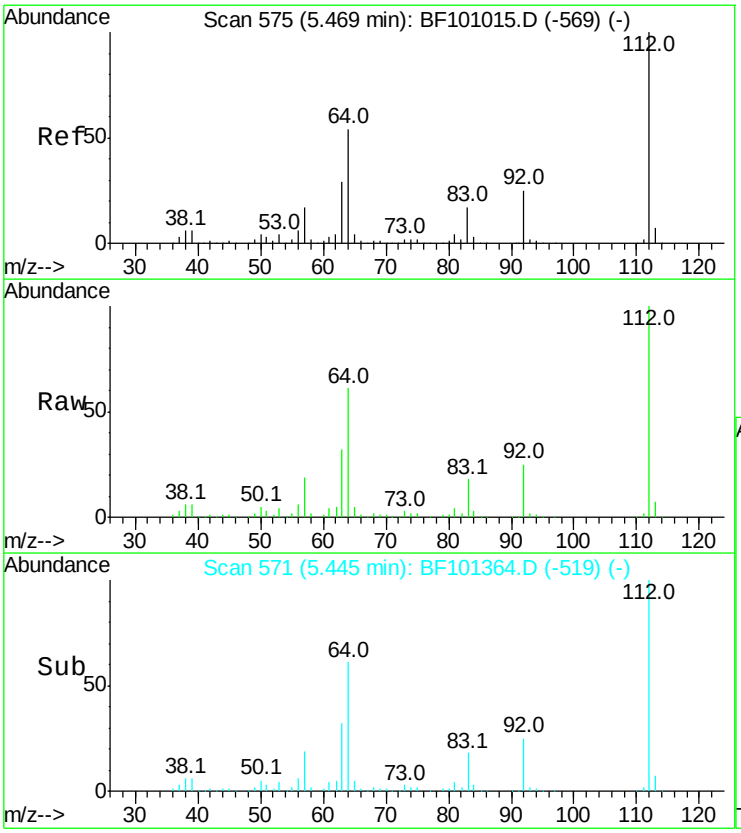
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 40557

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	60.0	50.1	75.1

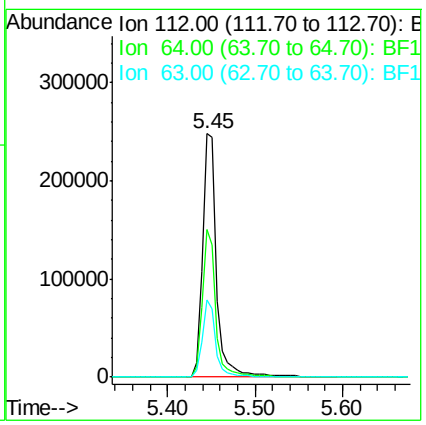


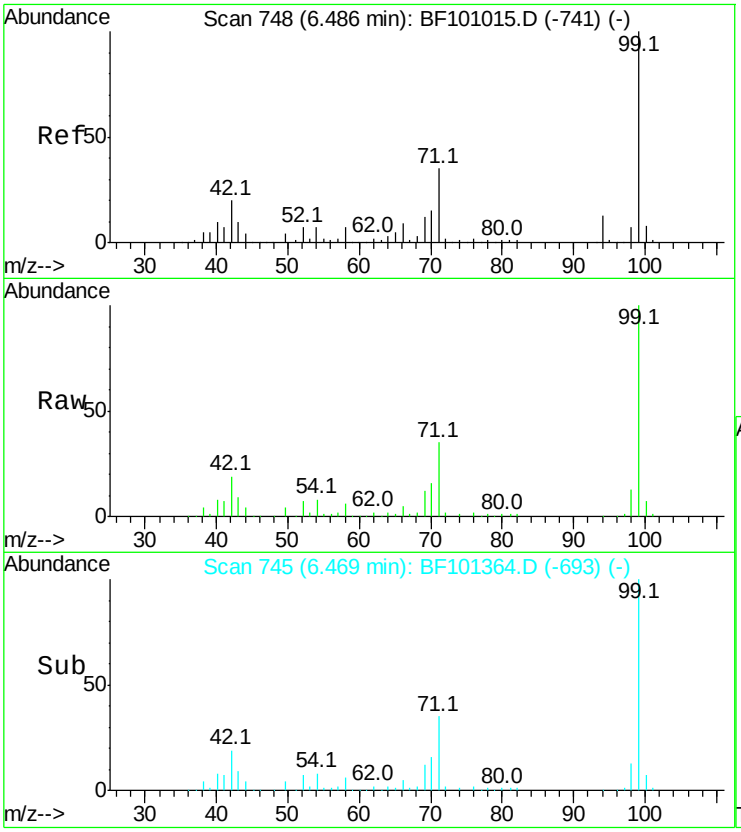


#5
2-Fluorophenol
Concen: 112.735 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion:112 Resp: 276693

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	31.6	23.7	35.5



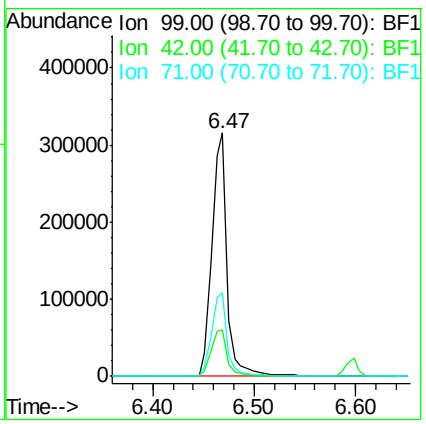


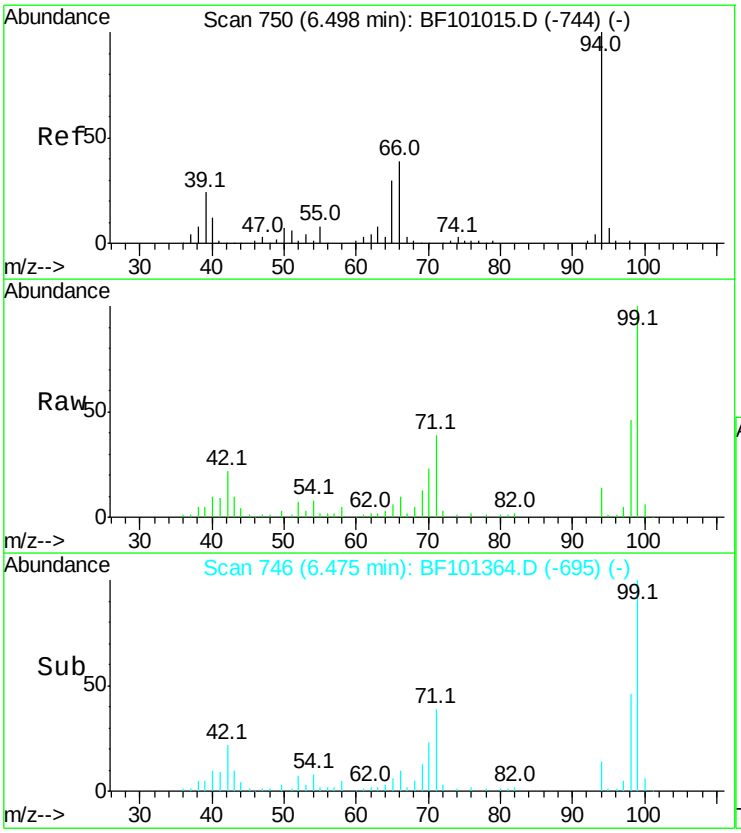
#7
Phenol-d6
Concen: 110.228 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 328463

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	34.5	25.4	38.0

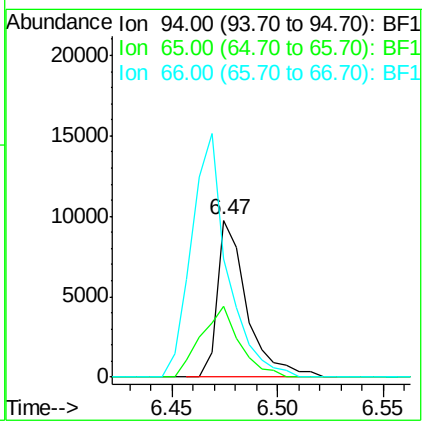


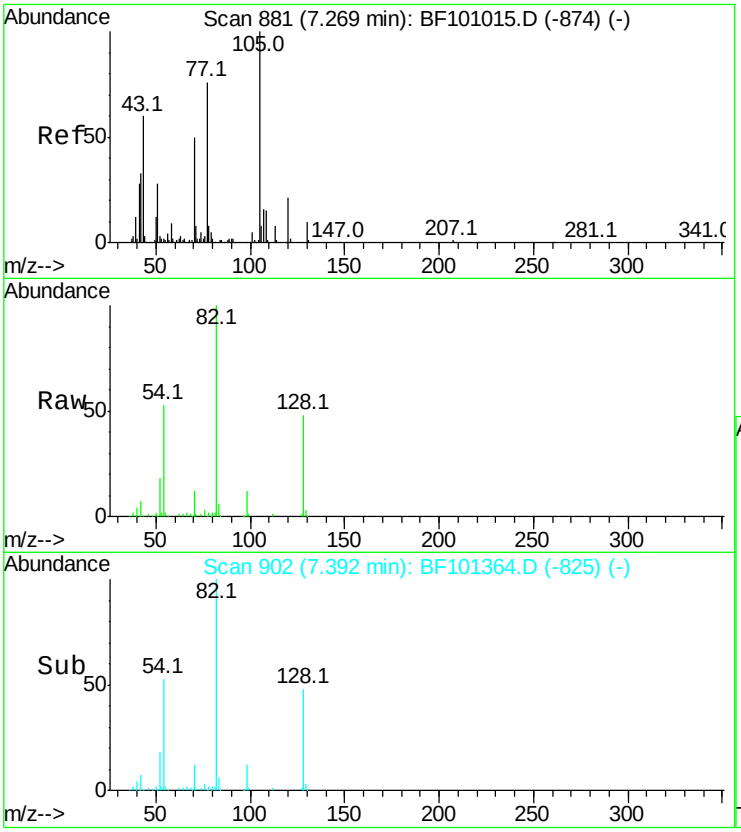


#10
Phenol
Concen: 2.848 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion: 94 Resp: 9437

Ion	Ratio	Lower	Upper
94	100		
65	44.8	7.9	47.9
66	75.4	16.2	56.2#



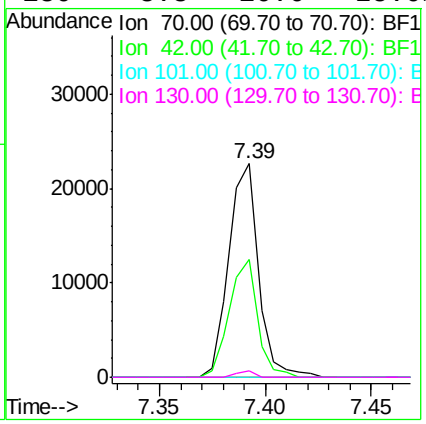


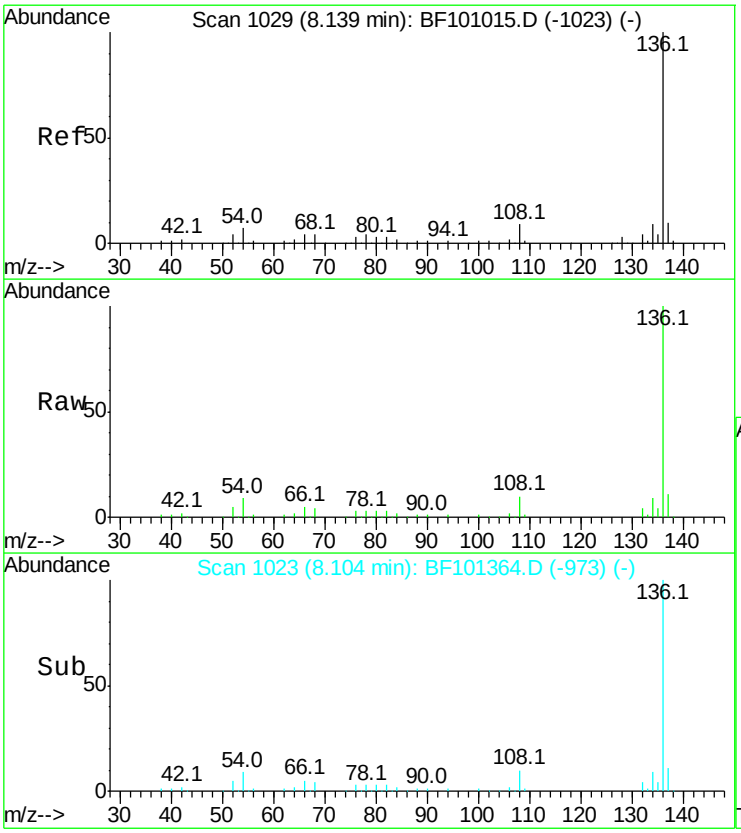
#19
n-Nitroso-di-n-propylamine
Concen: 10.932 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 21938

Ion	Ratio	Lower	Upper
70	100		
42	55.0	47.5	71.3
101	0.0	7.4	11.2#
130	3.3	16.6	25.0#

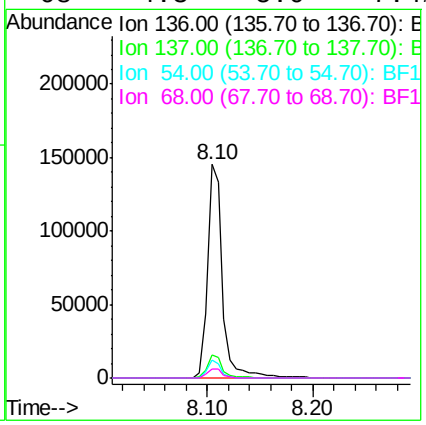


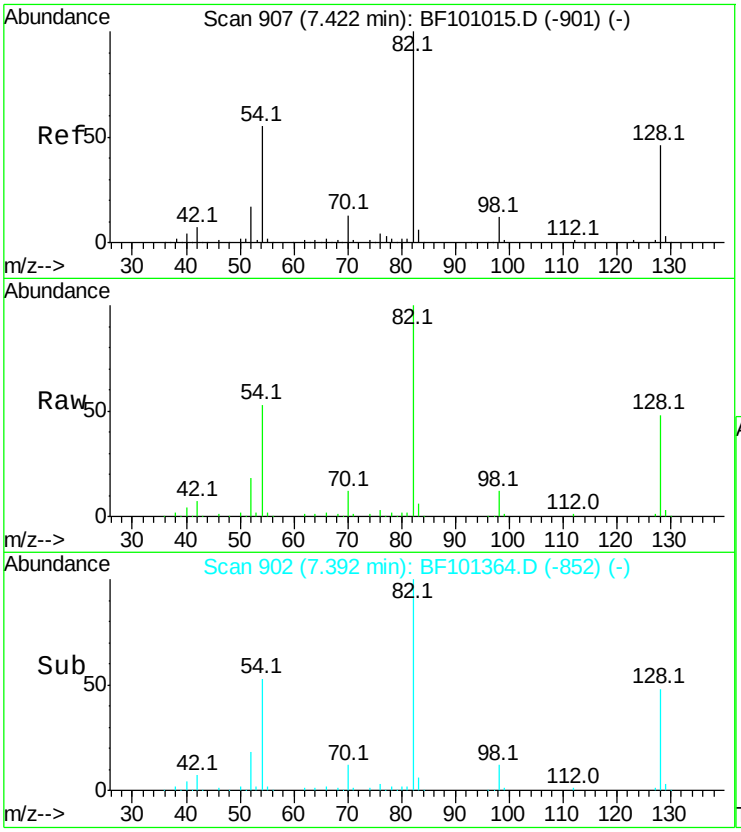


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion:136 Resp: 143993

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.7	6.6	9.8
68	4.3	5.0	7.4#



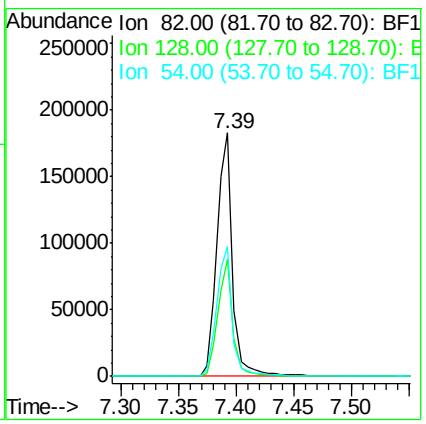


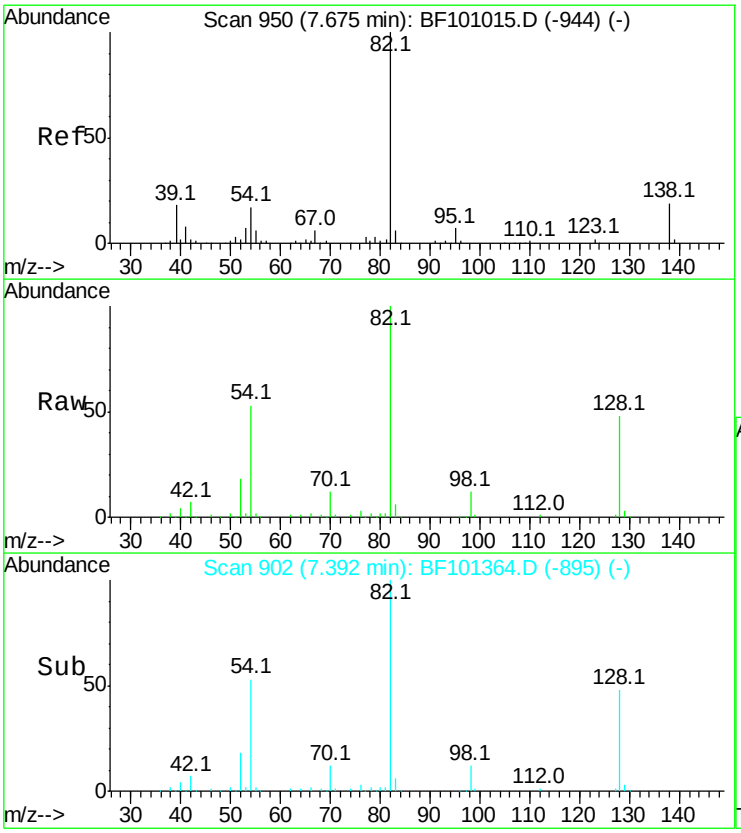
#23
Nitrobenzene-d5
Concen: 71.200 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 171866

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	53.2	41.4	62.2

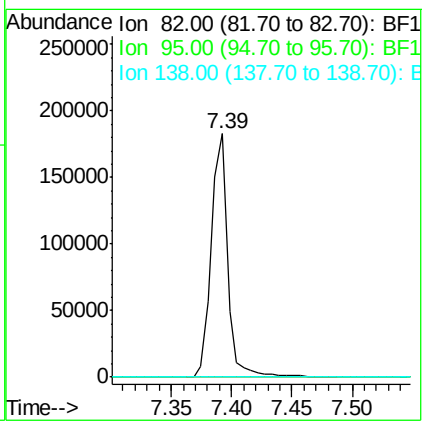


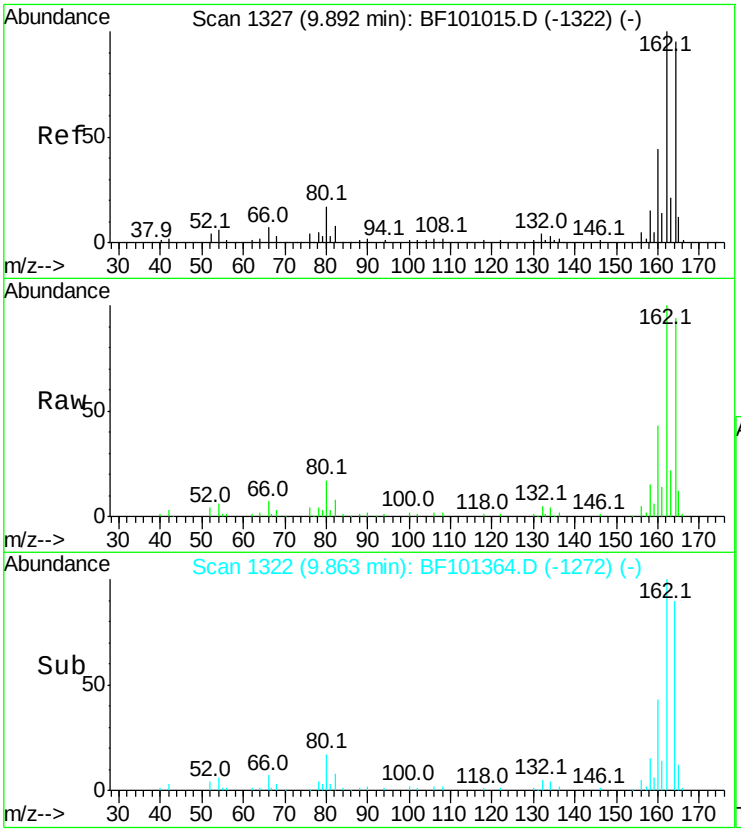


#25
Isophorone
Concen: 41.689 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion: 82 Resp: 171887

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



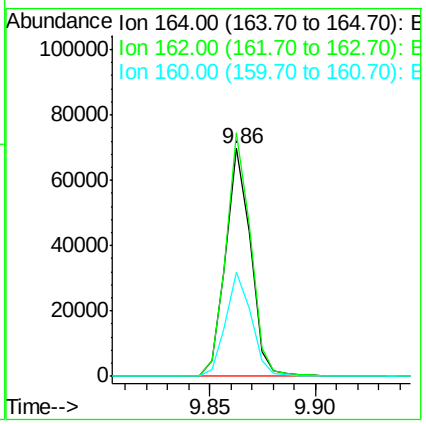


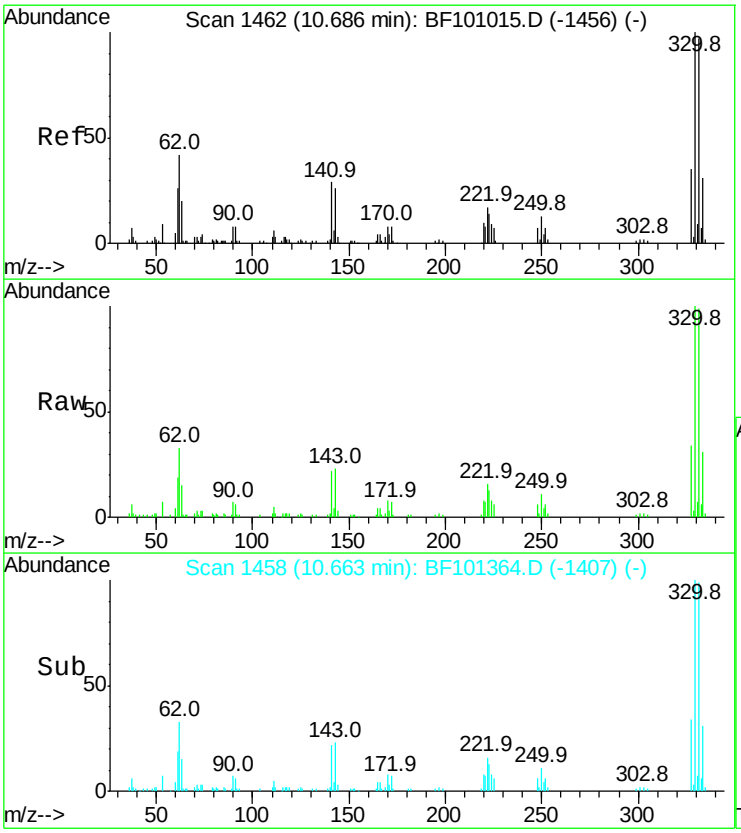
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 56781

Ion	Ratio	Lower	Upper
164	100		
162	106.7	86.1	129.1
160	45.9	38.3	57.5

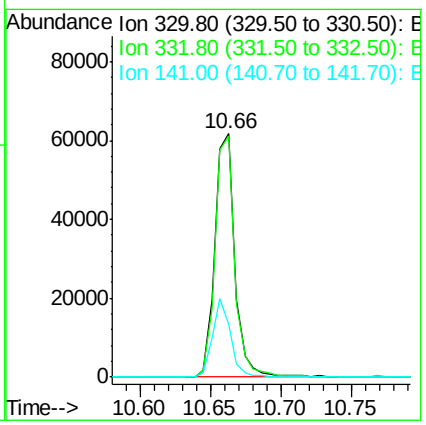


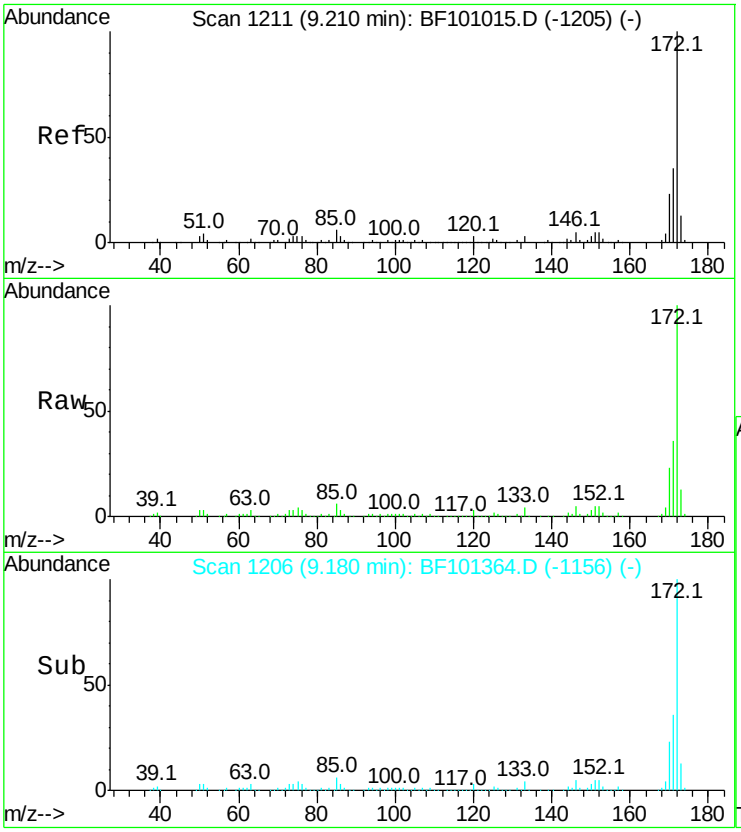


#41
2,4,6-Tribromophenol
Concen: 89.161 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion:330 Resp: 60817

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	29.1	29.9	44.9#



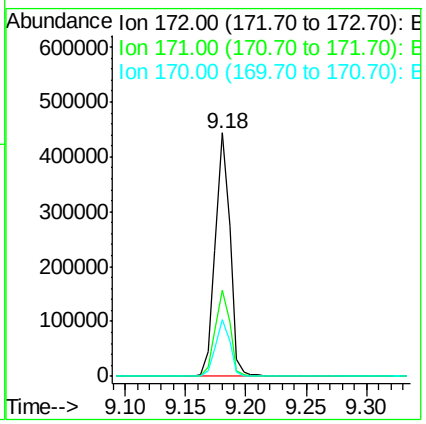


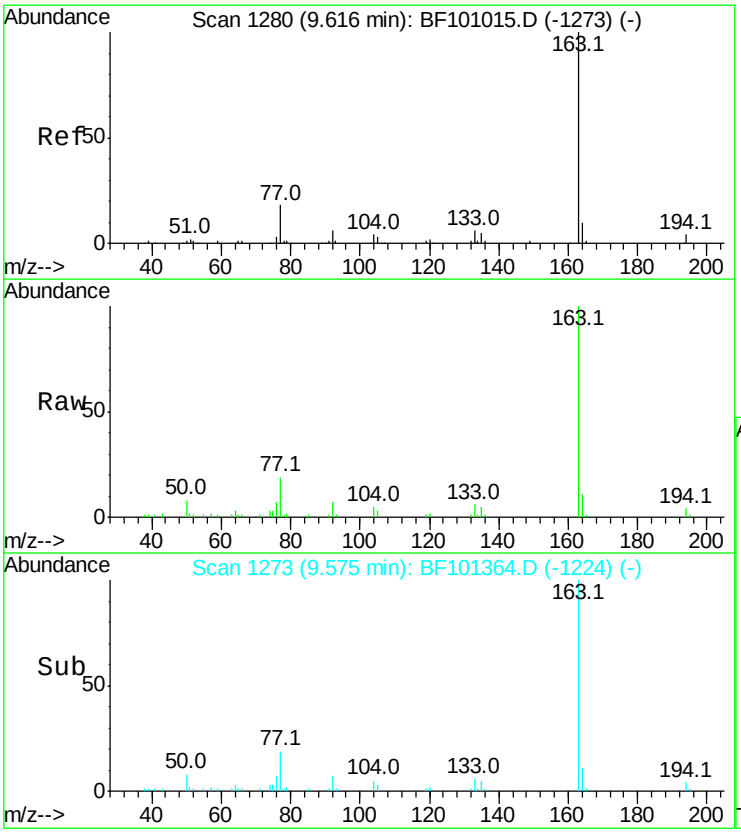
#44
2-Fluorobiphenyl
Concen: 89.076 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 369670

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.3	19.6	29.4

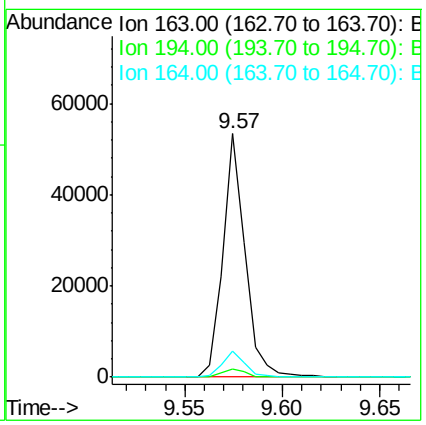


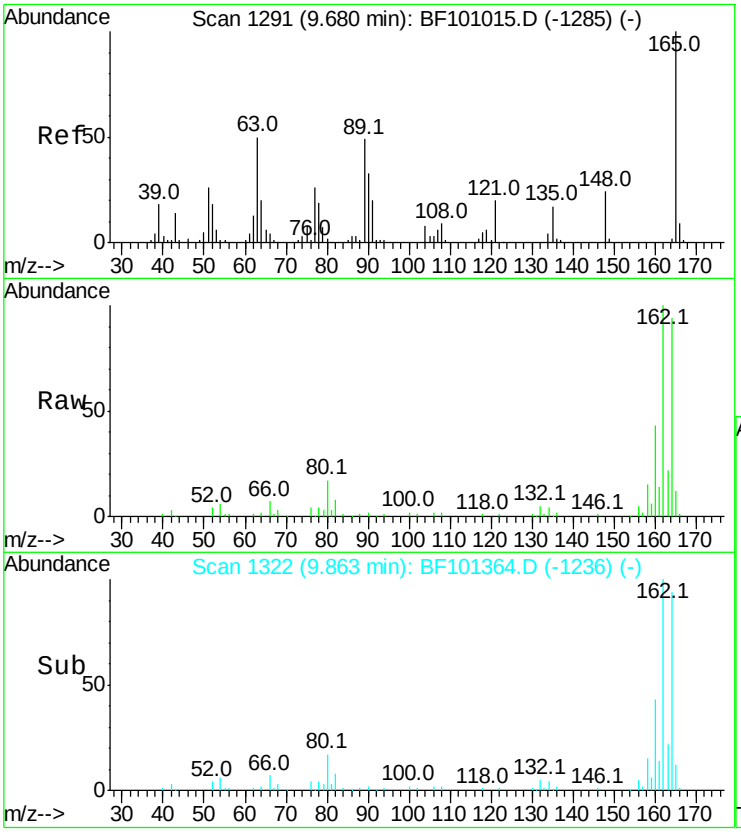


#49
Dimethylphthalate
Concen: 9.187 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion:163 Resp: 42071

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.6	8.2	12.2



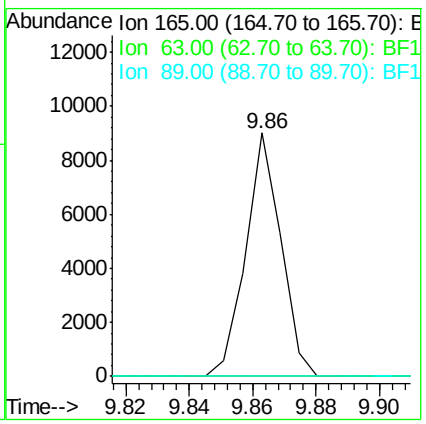


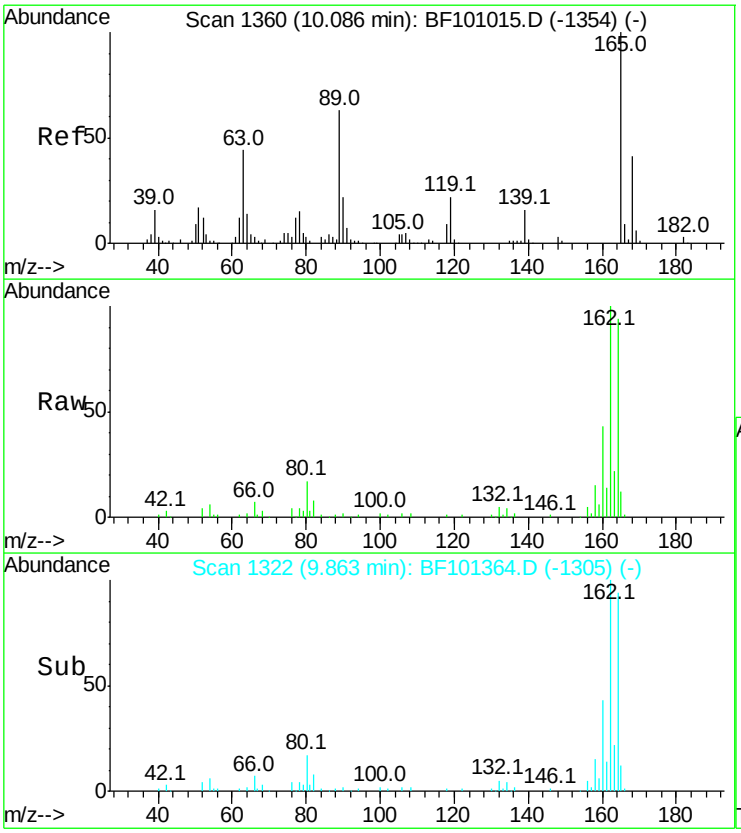
#50
2,6-Dinitrotoluene
Concen: 7.197 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.21 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 6941

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

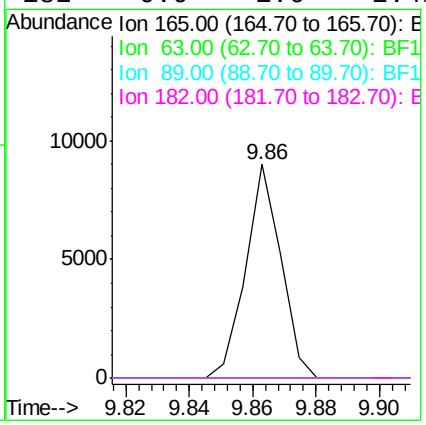


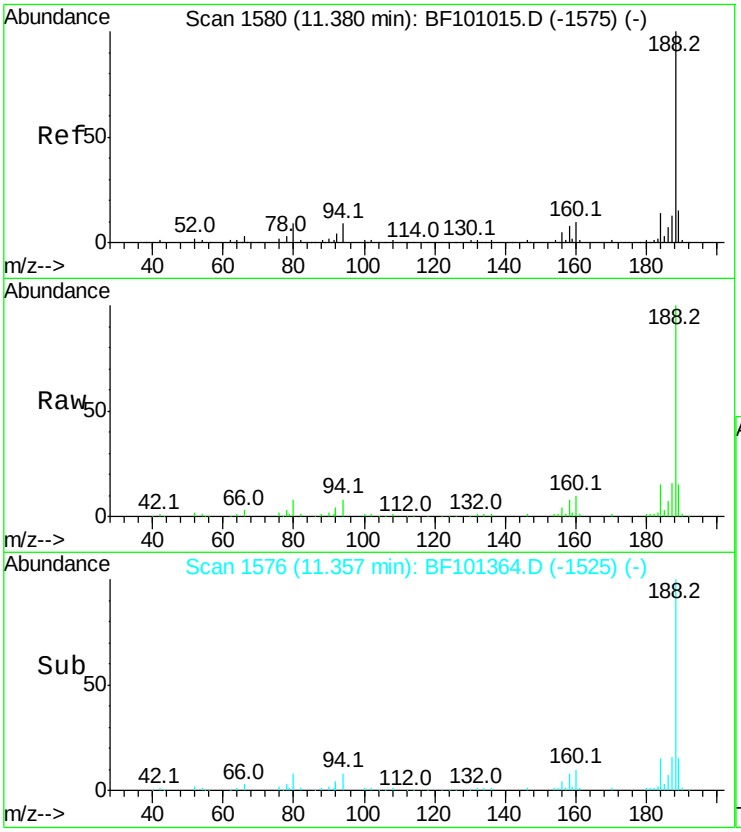


#56
2,4-Dinitrotoluene
Concen: 5.370 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.20 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion:165 Resp: 6941

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#



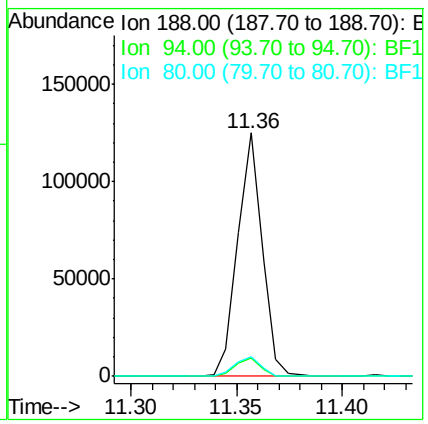


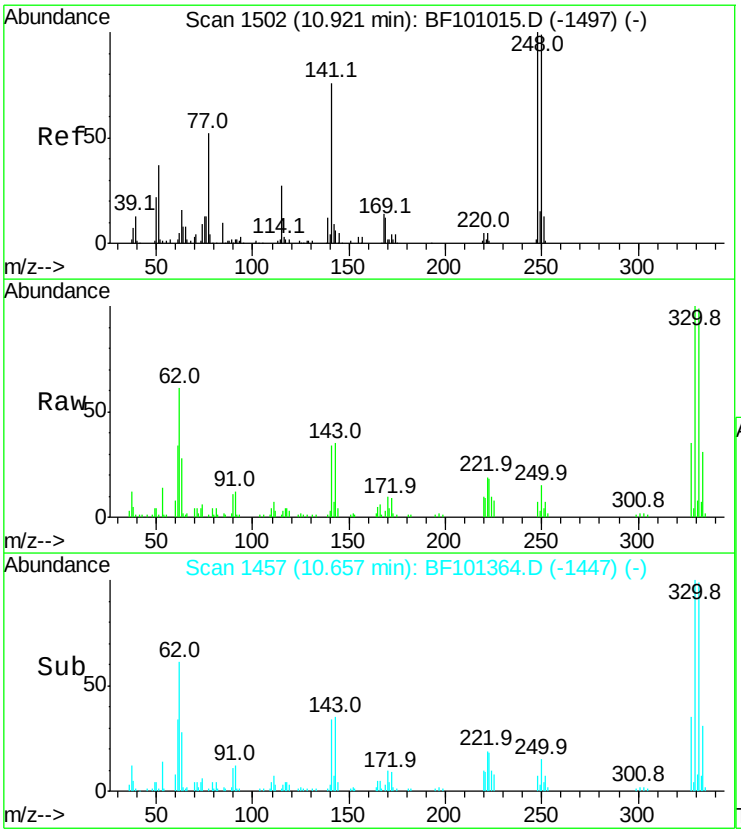
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 100207

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	7.9	9.2	13.8#

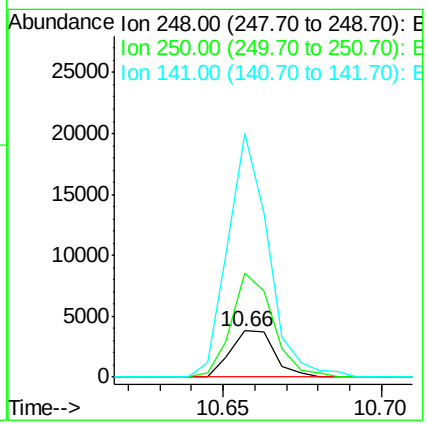


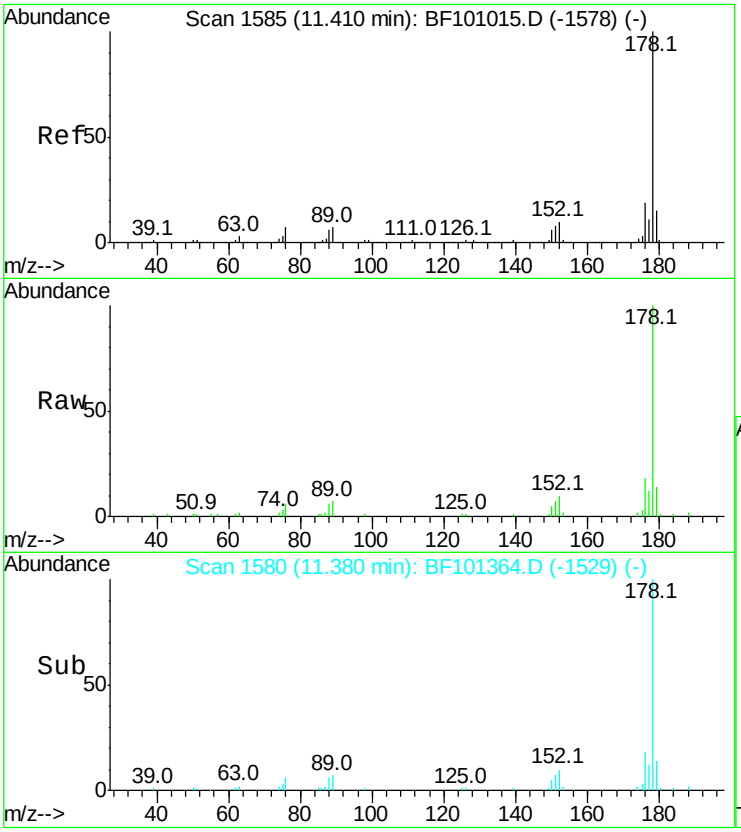


#66
4-Bromophenyl-phenylether
Concen: 3.230 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion:248 Resp: 3623

Ion	Ratio	Lower	Upper
248	100		
250	225.1	76.9	115.3#
141	526.7	74.4	111.6#



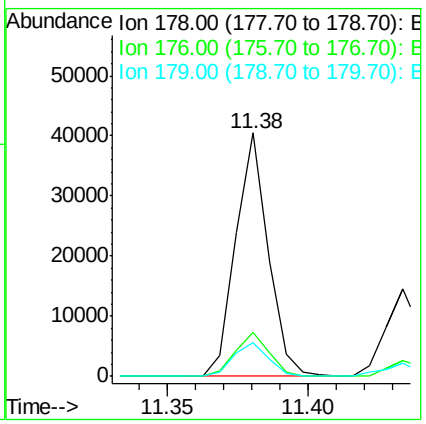


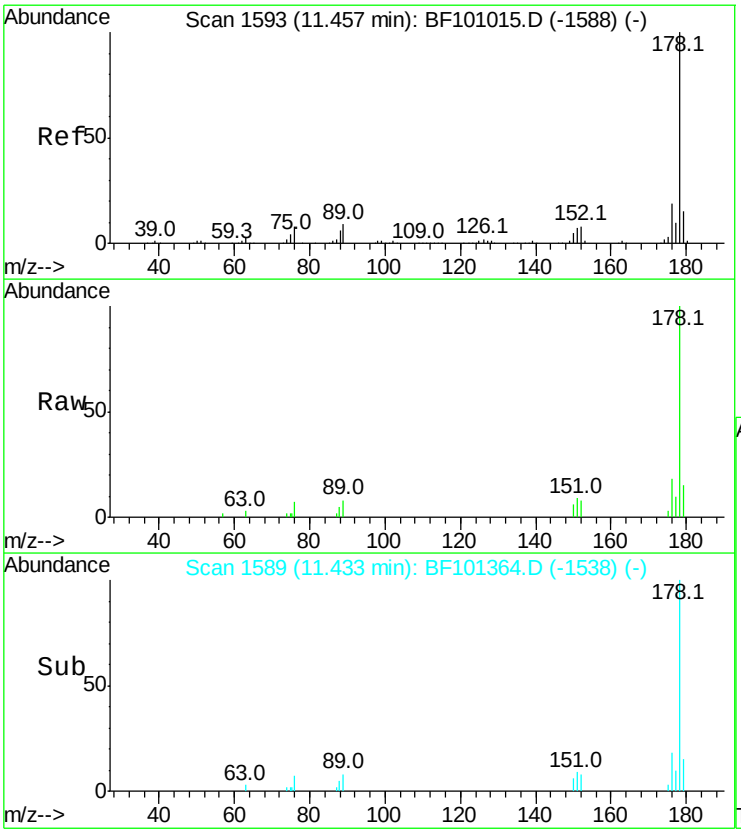
#70
Phenanthrene
Concen: 5.863 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 32353

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	13.9	13.0	19.6

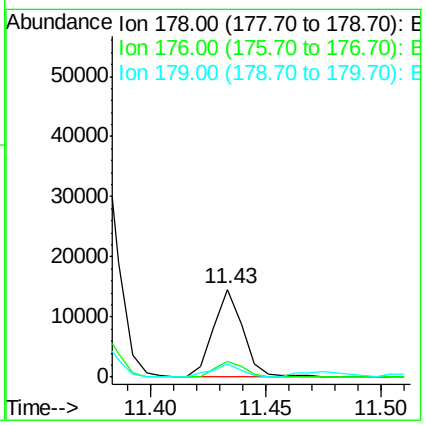


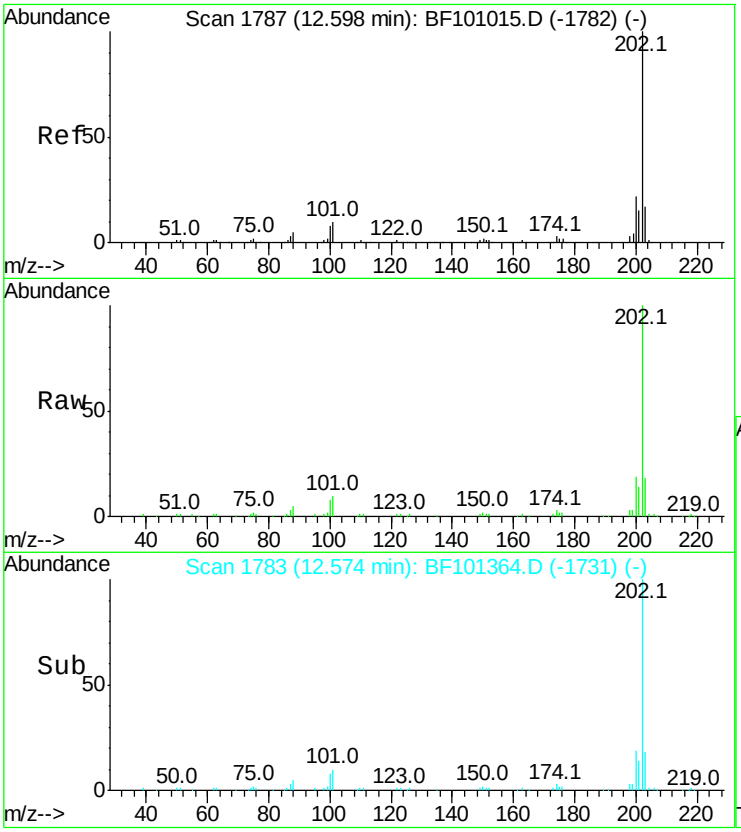


#71
Anthracene
Concen: 2.341 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion:178 Resp: 13072

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	14.7	12.6	19.0



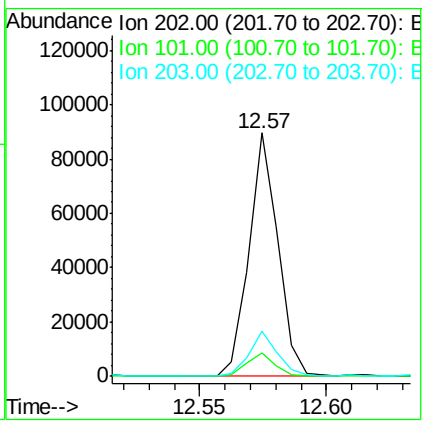


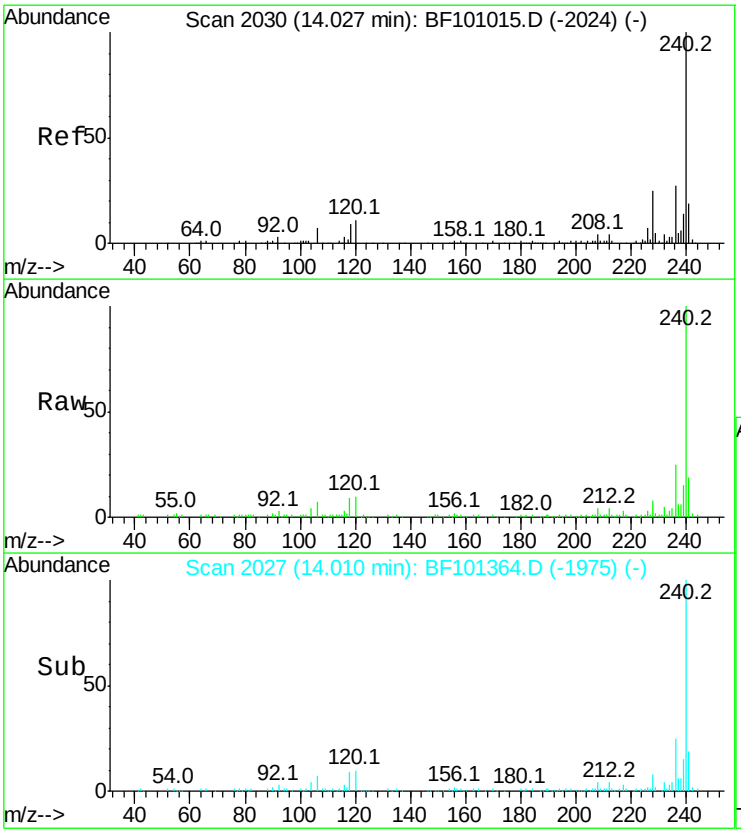
#74
Fluoranthene
Concen: 11.700 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 71566

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.1
203	18.4	0.0	38.1

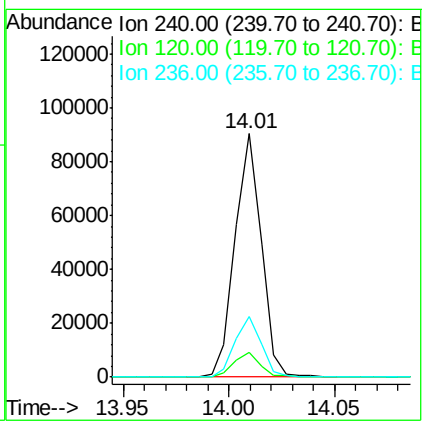


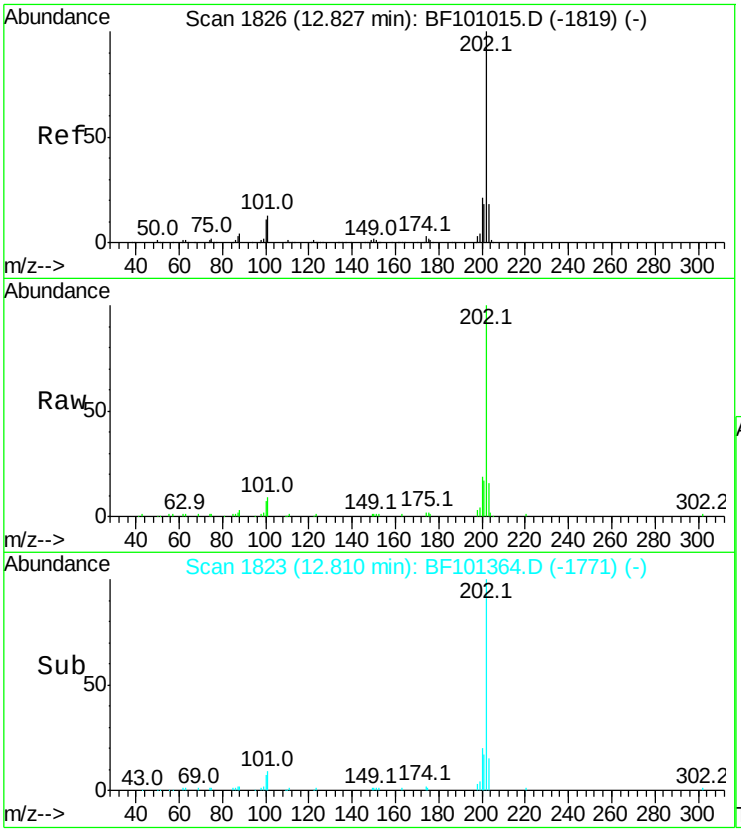


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion:240 Resp: 77604

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	24.9	20.7	31.1



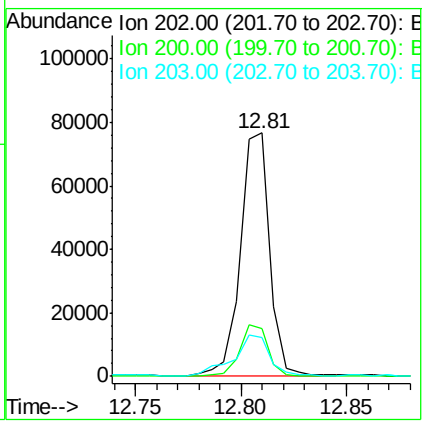


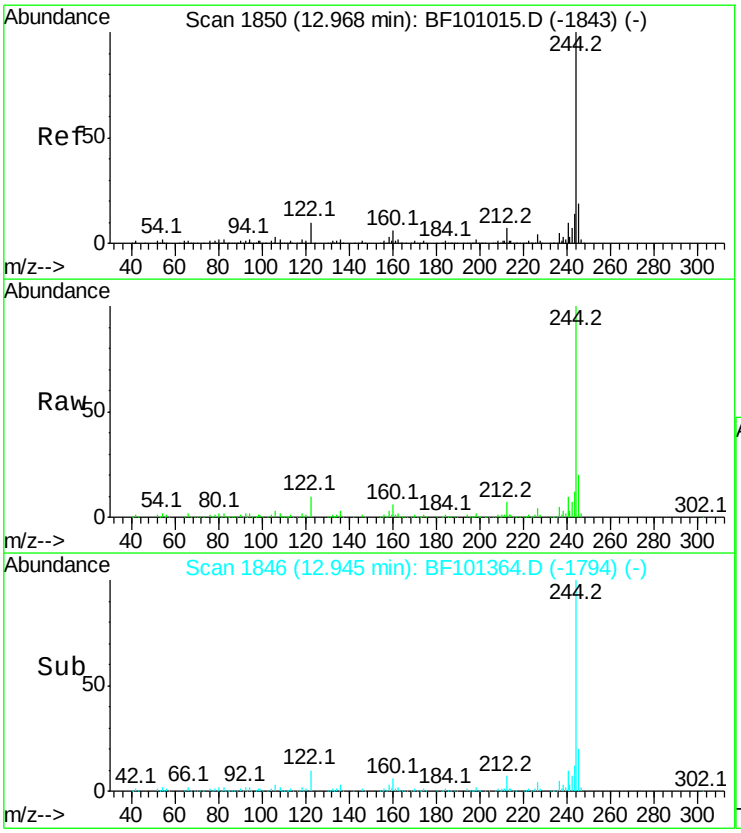
#77
Pyrene
Concen: 13.814 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 73971

Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.4	26.2
203	15.7	14.3	21.5

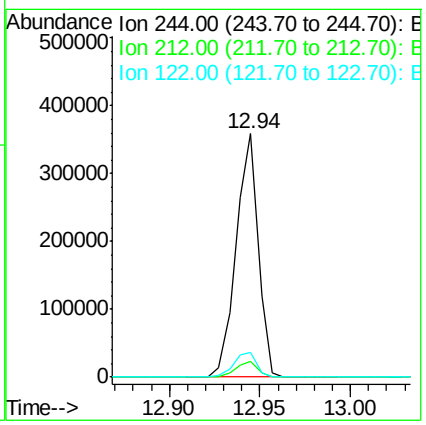


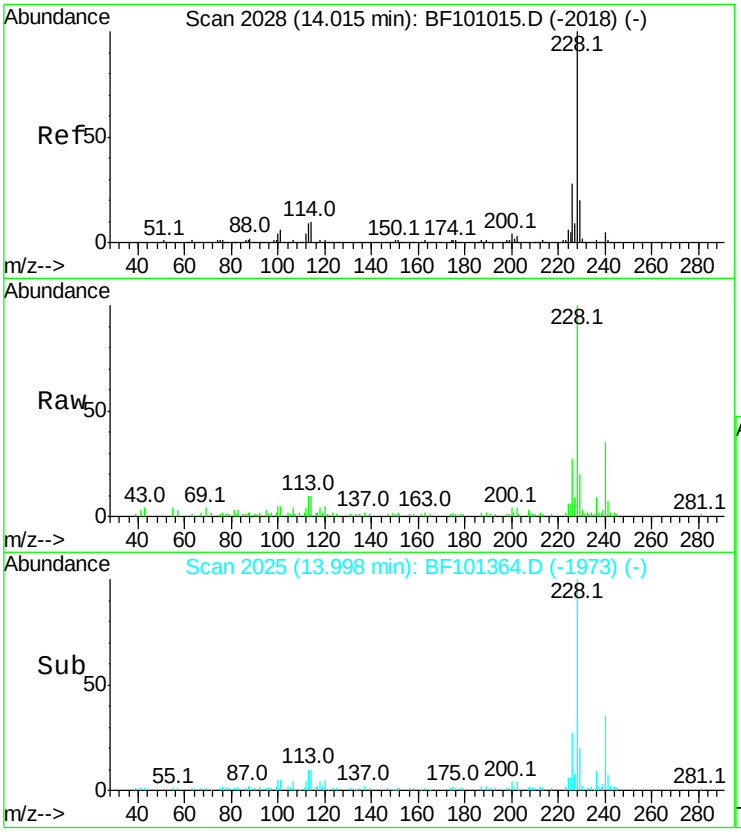


#78
Terphenyl-d14
Concen: 85.782 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion:244 Resp: 304356

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.0	11.0	16.4#



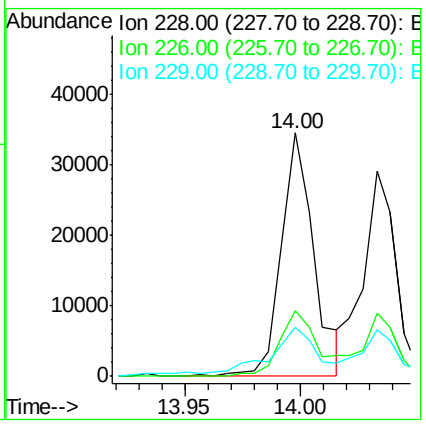


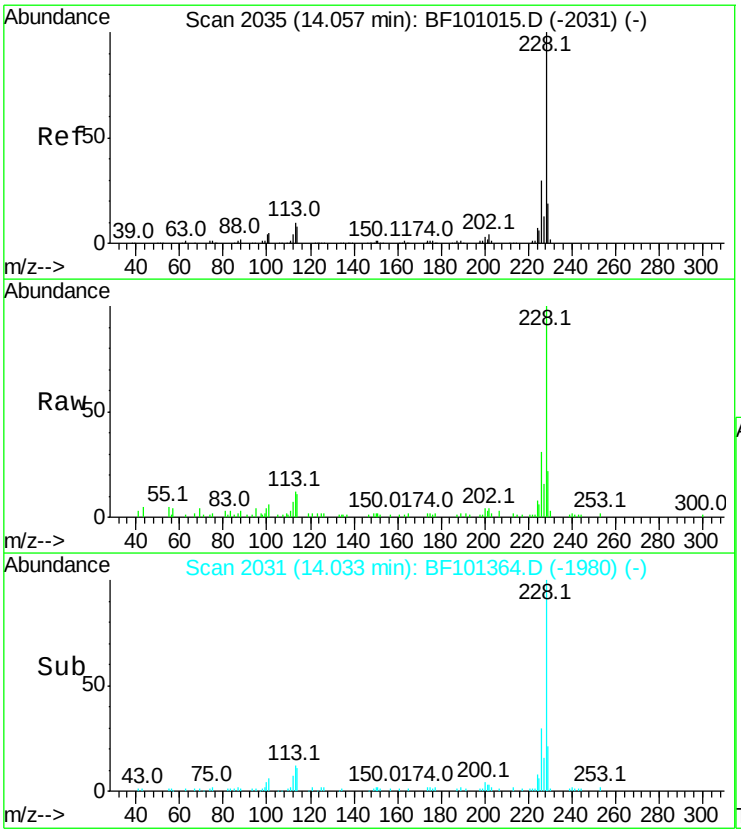
#80
Benzo(a)anthracene
Concen: 6.896 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 33790

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	20.0	15.8	23.6

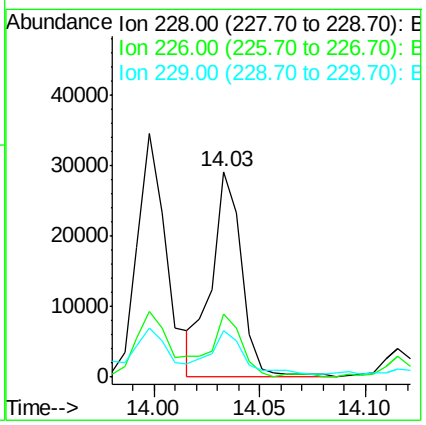


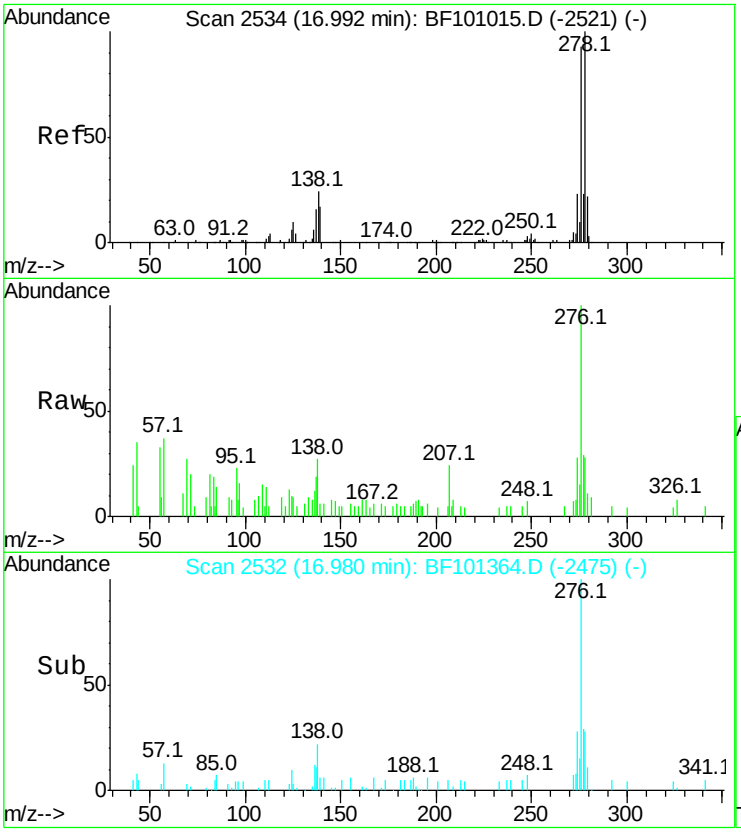


#82
Chrysene
Concen: 6.415 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion:228 Resp: 29191

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.5	16.2	24.4



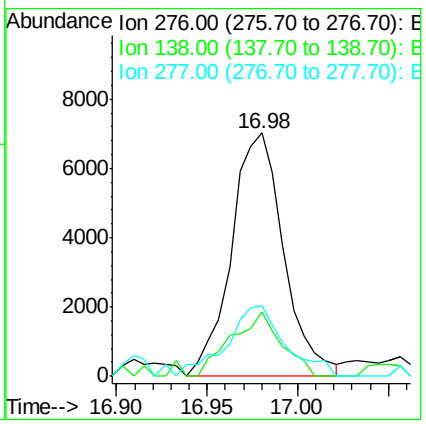


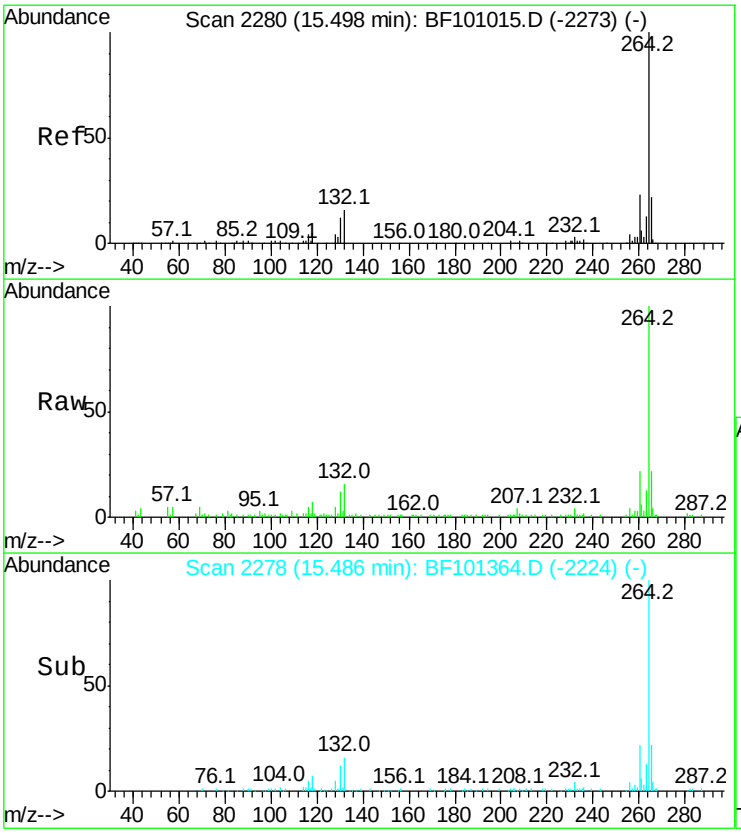
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.493 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.04 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 14131

Ion	Ratio	Lower	Upper
276	100		
138	25.4	25.0	37.6
277	32.2	20.1	30.1#

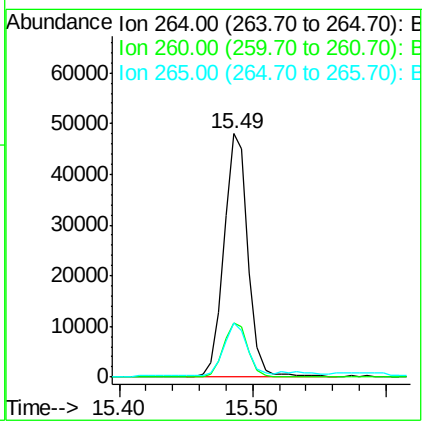


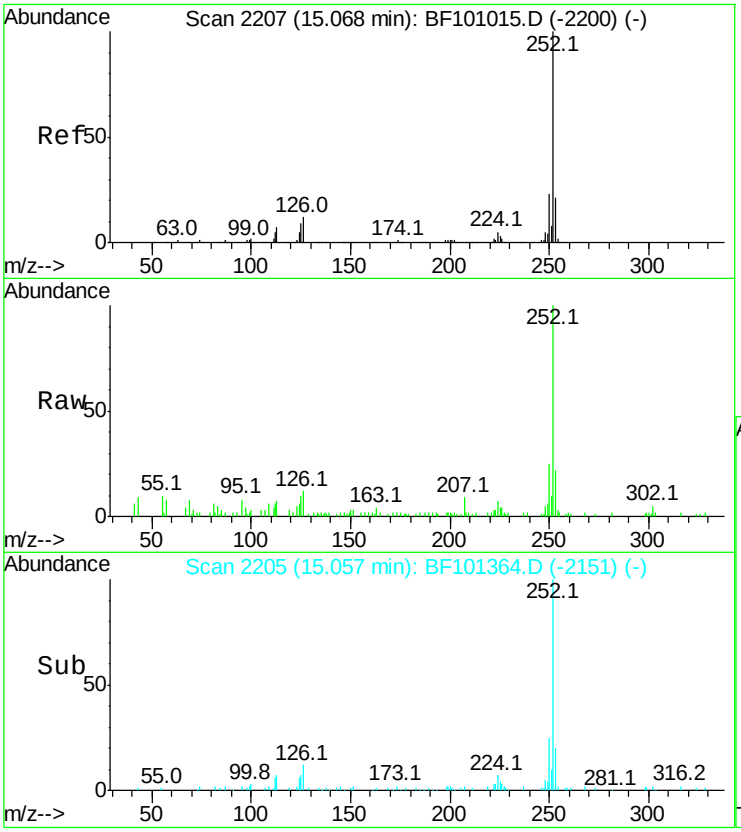


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion:264 Resp: 60620

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	22.0	17.5	26.3



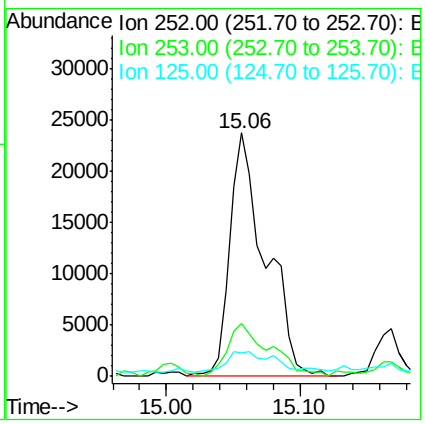


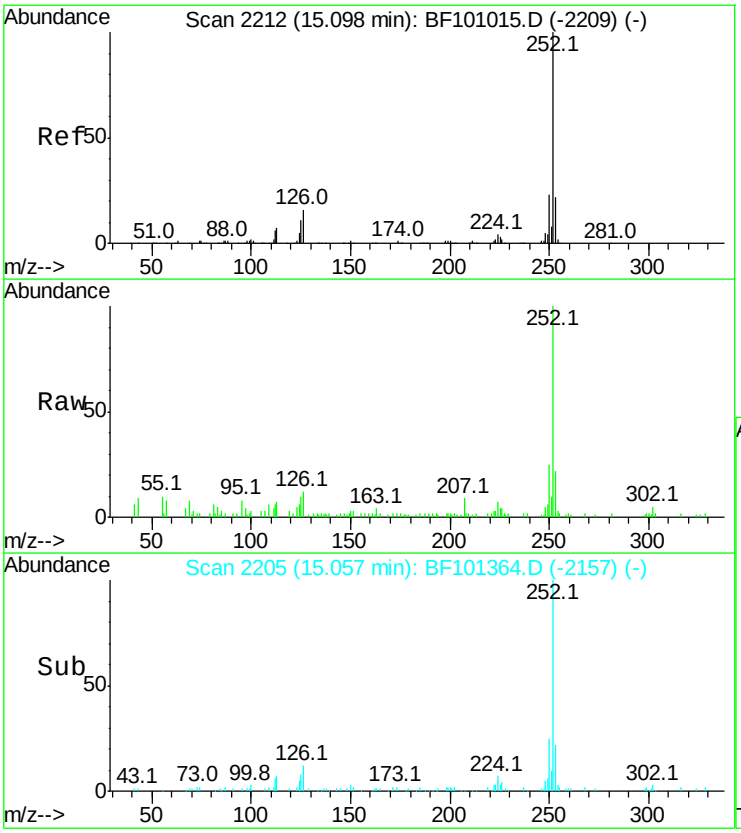
#87
Benzo(b)fluoranthene
Concen: 12.233 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 44417

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	9.7	9.0	13.6

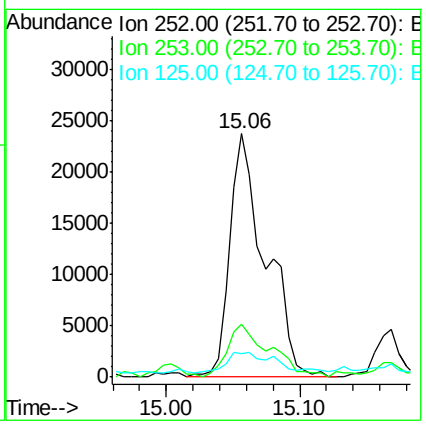


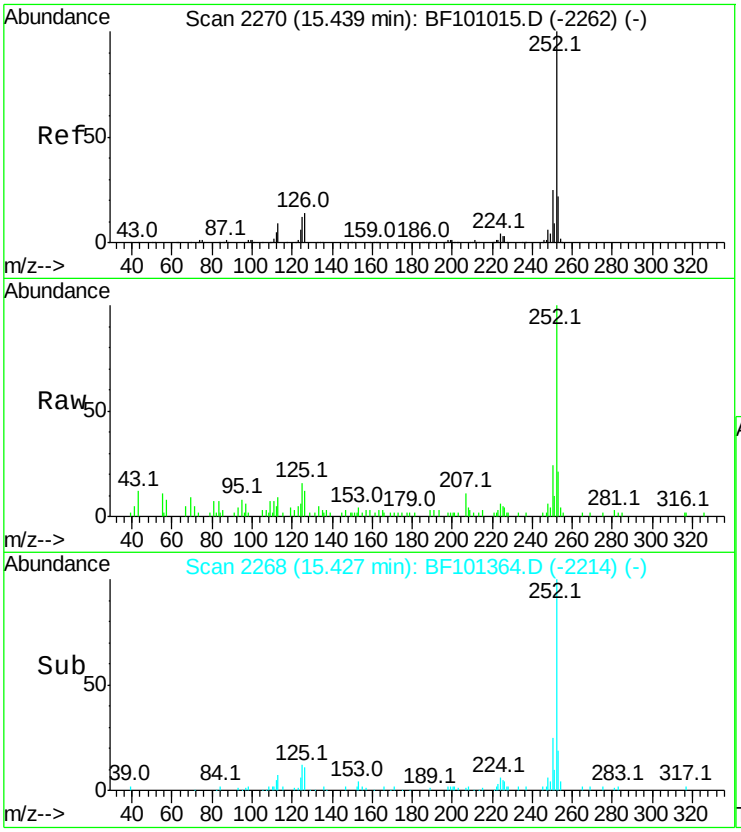


#88
Benzo(k)fluoranthene
Concen: 12.416 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion:252 Resp: 44417

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.7	10.2	15.2#



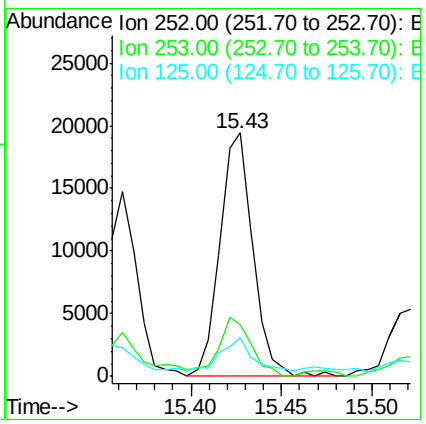


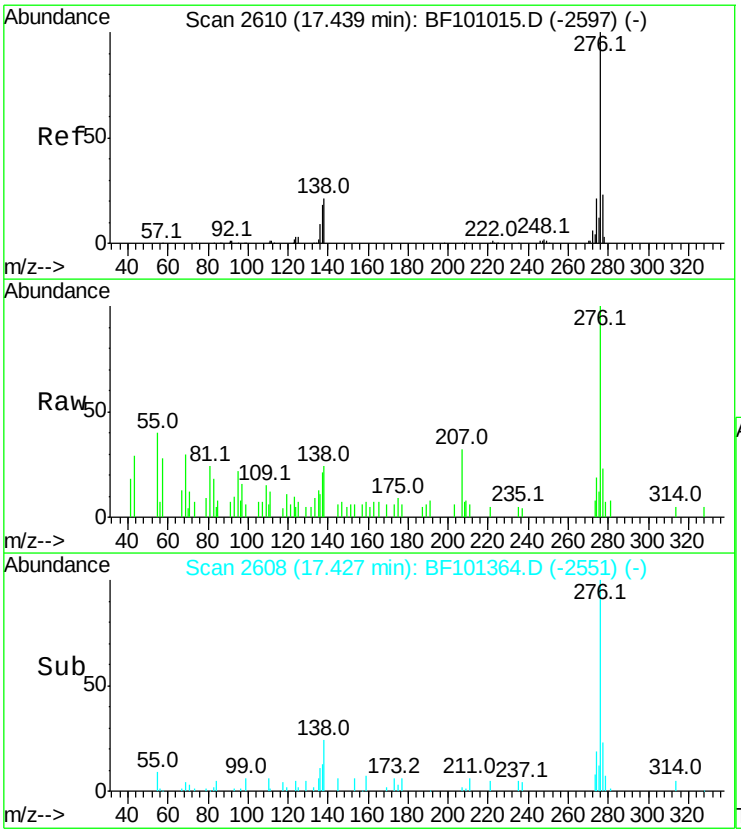
#89
Benzo(a)pyrene
Concen: 7.451 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 24597

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	16.0	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 5.342 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.04 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion:276 Resp: 14652

Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.9	26.9
138	24.2	21.8	32.8