Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104038.D
Acq On : 29 Mar 2018 7:19
Operator : JU/SJ
Sample : J2048-01DL 20X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 29 09:08:44 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	98572	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	408186	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	171946	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	248635	20.00	ng		0.00
75) Chrysene-d12	14.15	240	216878	20.00	ng		0.00
86) Perylene-d12	15.70	264	152045	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	5867	0.95	ng		0.08
7) Phenol-d6	6.63	99	24191	3.18	ng		0.03
23) Nitrobenzene-d5	7.54	82	18724	2.81	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	5907	3.09	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	49077	4.50	ng		0.00
78) Terphenyl-d14	13.08	244	36601	3.90	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	2206	Below Cal		#	1
31) Naphthalene	8.27	128	852120	42.731	ng		100
33) 4-Chloroaniline	8.27	127	116577	13.867	ng	#	33
37) 2-Methylnaphthalene	8.96	142	267087	20.333	ng		98
50) 2,6-Dinitrotoluene	10.00	165	23952	8.201	ng	#	27
70) Phenanthrene	11.53	178	58179	4.322	ng		99
74) Fluoranthene	12.72	202	51865	3.625	ng		97
77) Pyrene	12.95	202	75200	4.823	ng		98
80) Benzo(a)anthracene	14.14	228	32891	2.424	ng		94
82) Chrysene	14.18	228	30445	2.291	ng		96
87) Benzo(b)fluoranthene	15.24	252	25354	2.740	ng	#	81
88) Benzo(k)fluoranthene	15.24	252	25354	2.909	ng	#	84

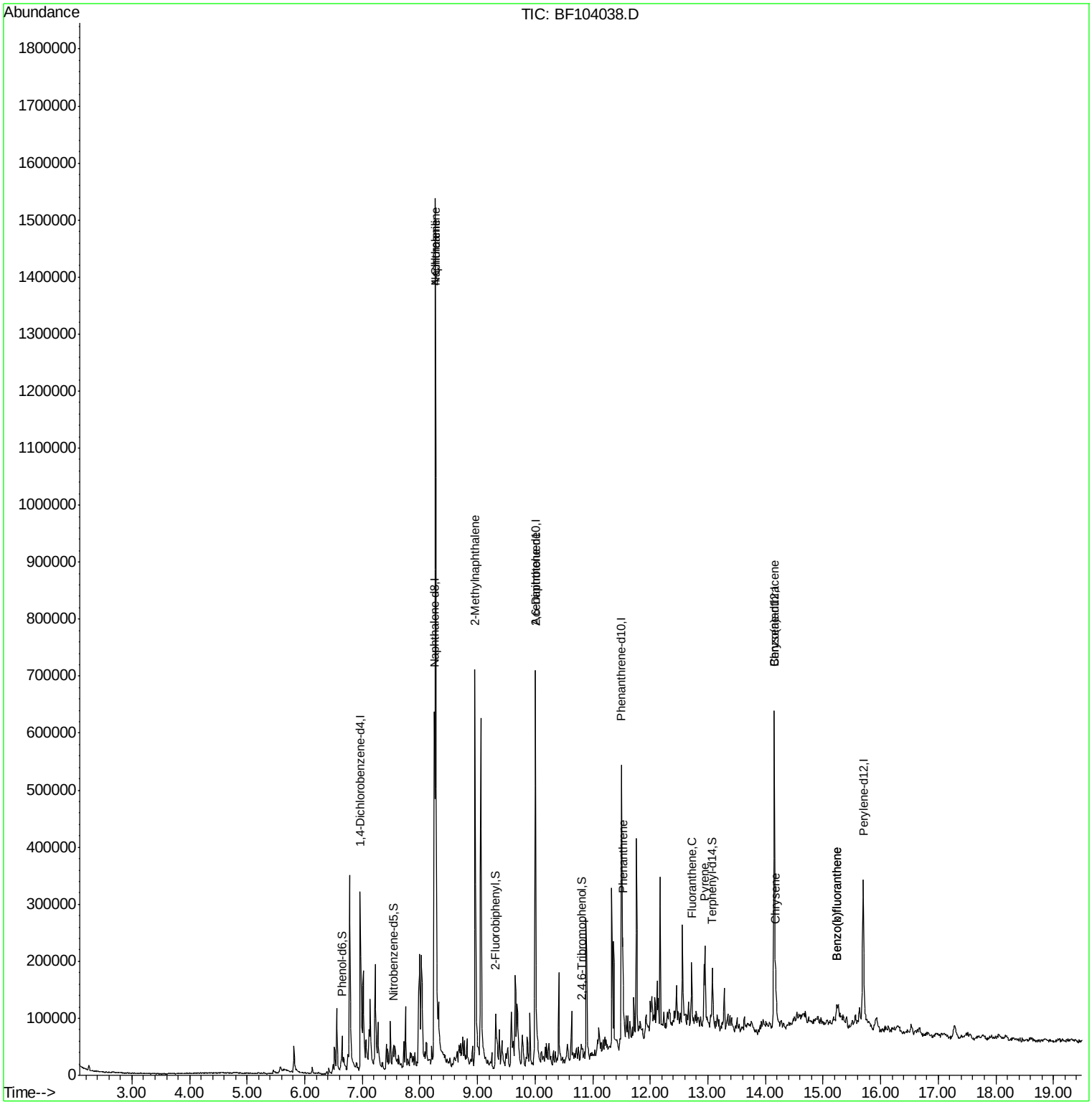
(#) = qualifier out of range (m) = manual integration (+) = signals summed

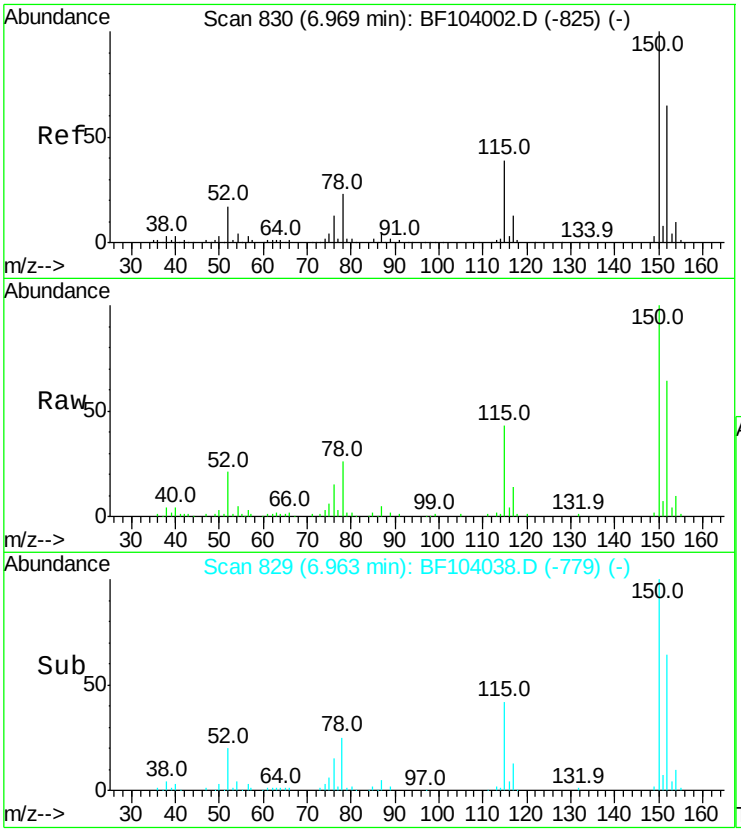
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104038.D
Acq On : 29 Mar 2018 7:19
Operator : JU/SJ
Sample : J2048-01DL 20X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 29 09:08:44 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration



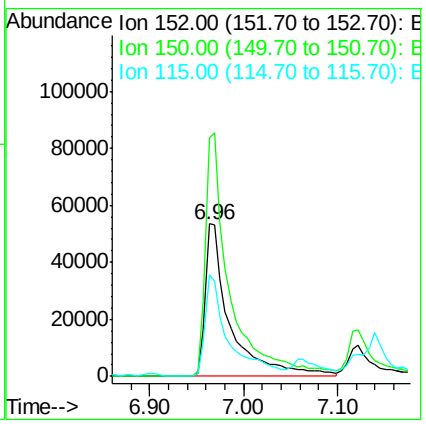


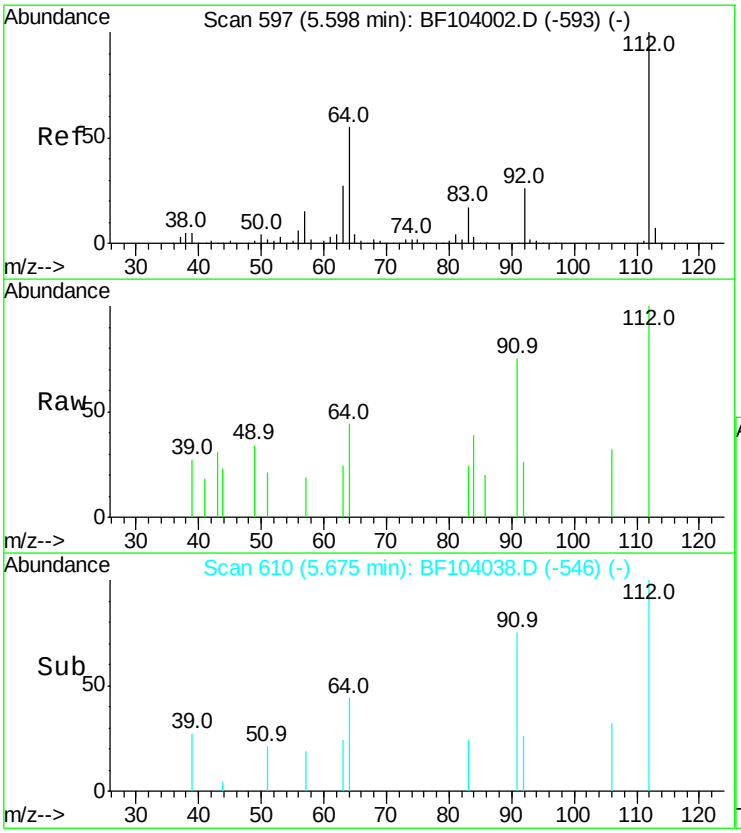
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 98572

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	66.8	50.1	75.1

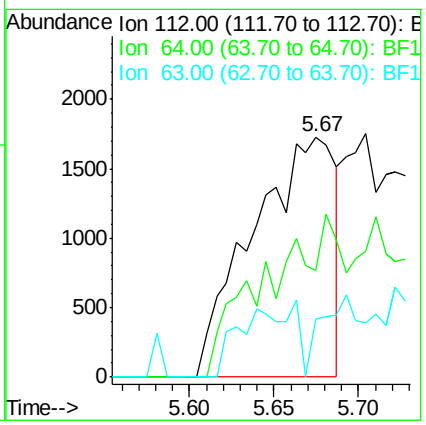


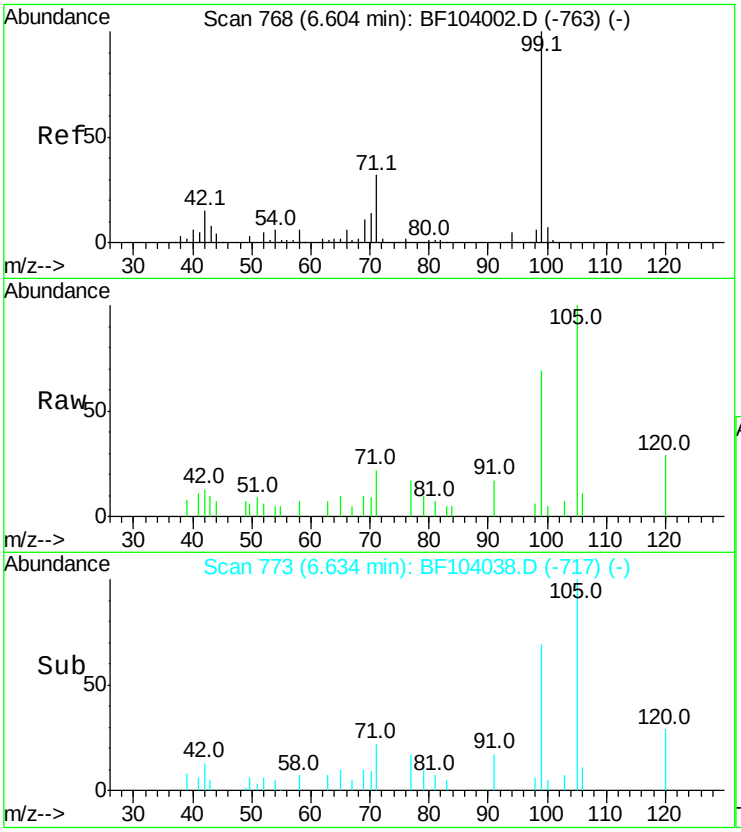


#5
2-Fluorophenol
Concen: 0.949 ng
RT: 5.67 min Scan# 610
Delta R.T. 0.08 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Tgt Ion:112 Resp: 5867

Ion	Ratio	Lower	Upper
112	100		
64	44.4	47.9	71.9#
63	24.4	23.7	35.5

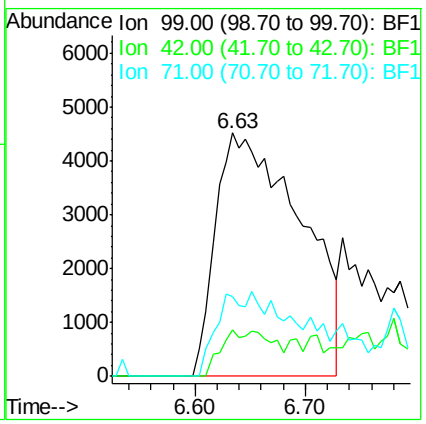




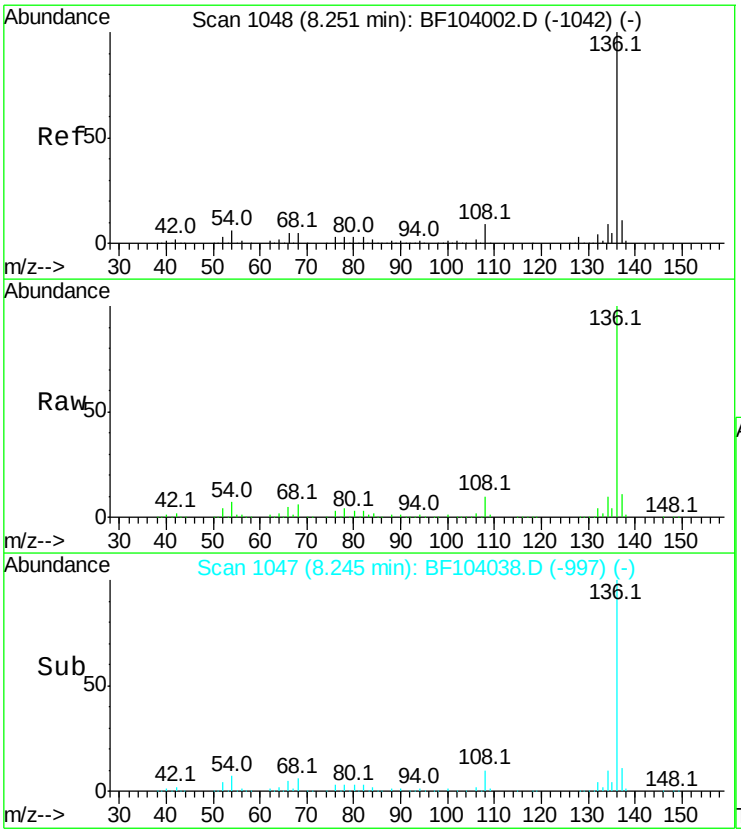
#7
Phenol-d6
Concen: 3.181 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.03 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Tgt Ion: 99 Resp: 24191

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	32.5	25.4	38.0



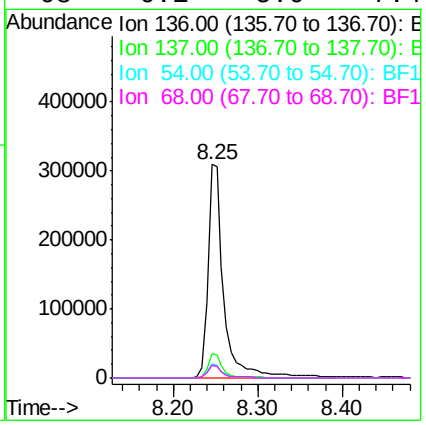
Instrument :
BNA_F
ClientSampleId :

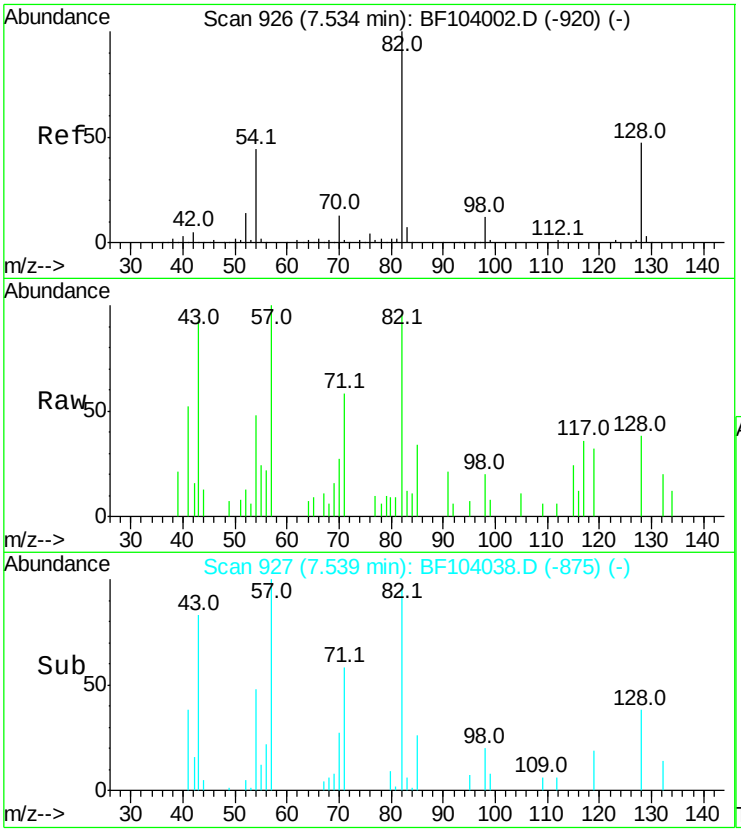


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Tgt Ion:136 Resp: 408186

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.9	6.6	9.8
68	6.1	5.0	7.4



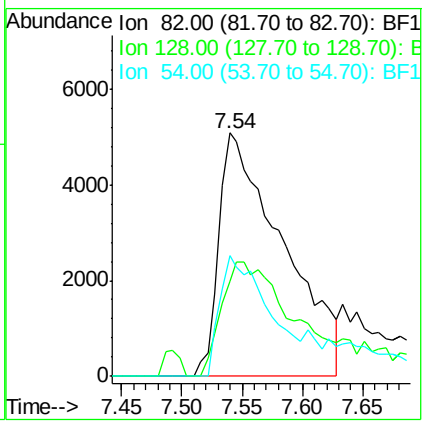


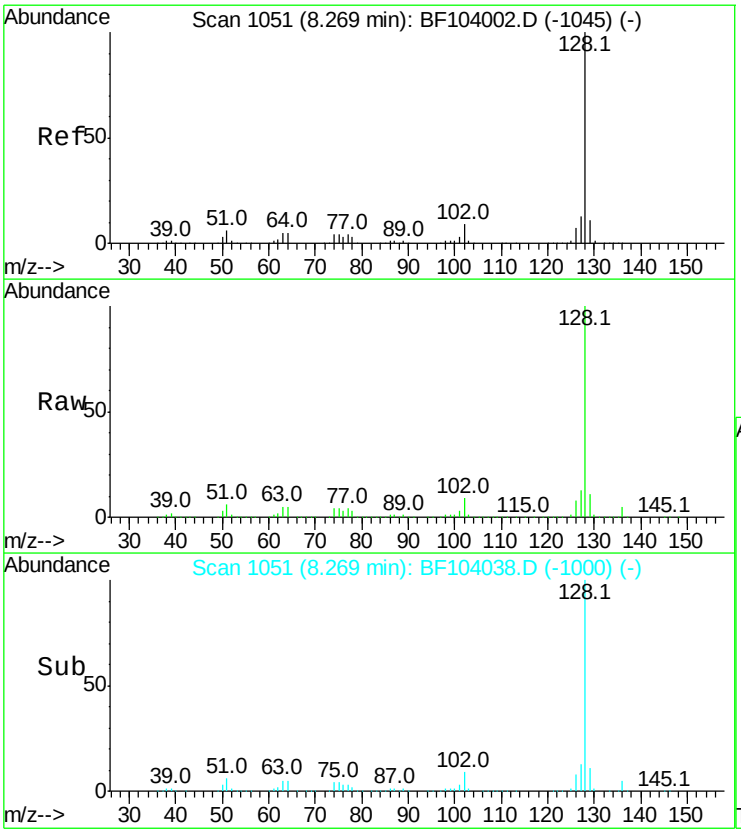
#23
Nitrobenzene-d5
Concen: 2.805 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 18724

Ion	Ratio	Lower	Upper
82	100		
128	39.3	36.1	54.1
54	49.8	41.4	62.2

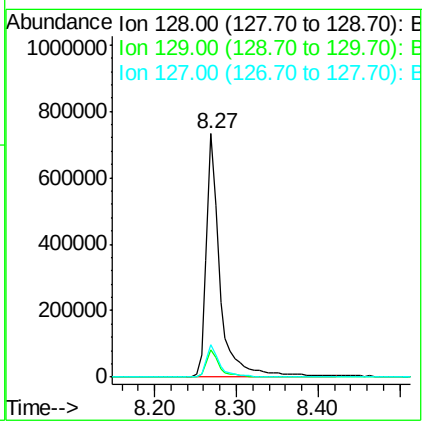


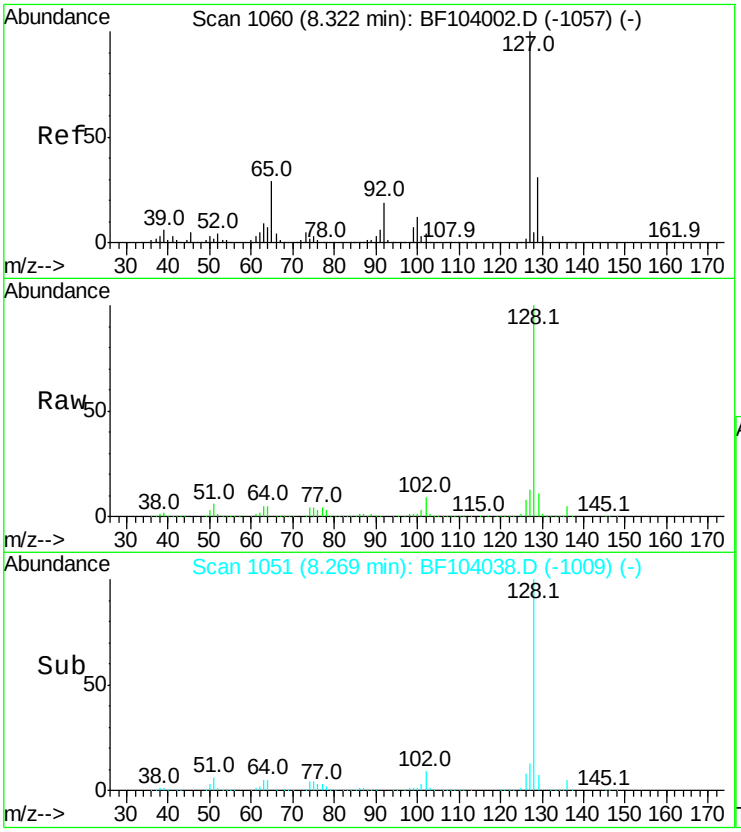


#31
Naphthalene
Concen: 42.731 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Tgt Ion:128 Resp: 852120

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.5	10.9	16.3



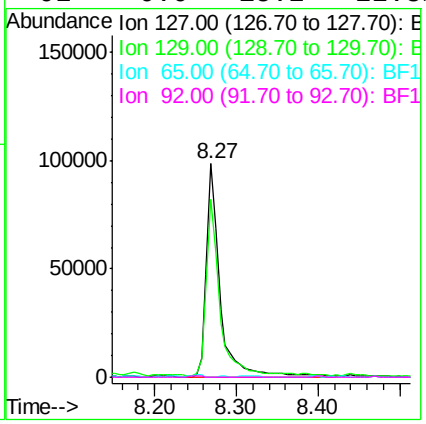


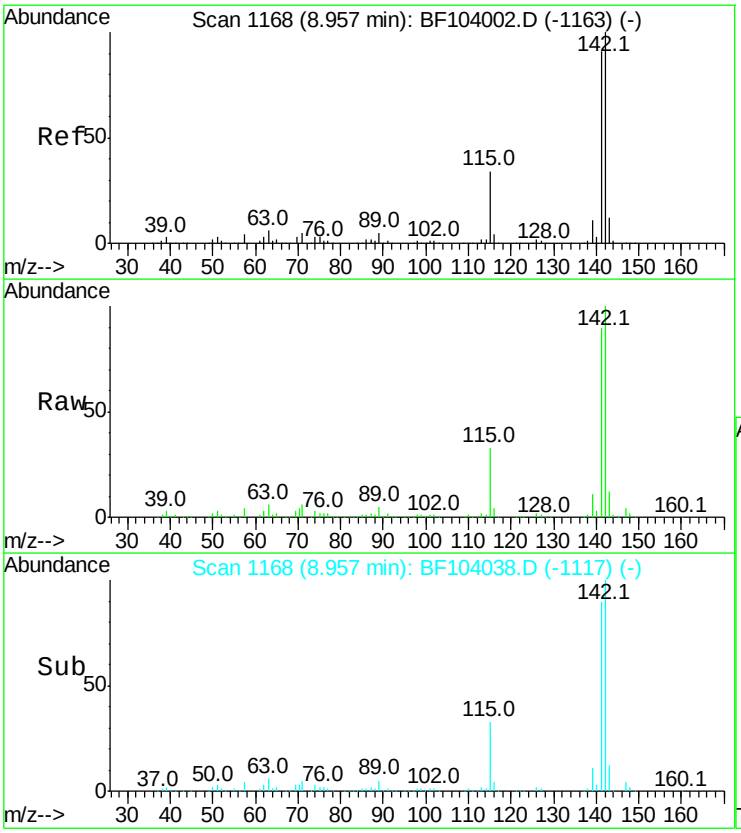
#33
4-Chloroaniline
Concen: 13.867 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 116577

Ion	Ratio	Lower	Upper
127	100		
129	83.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

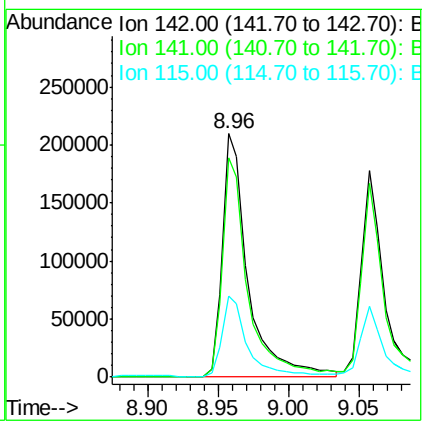


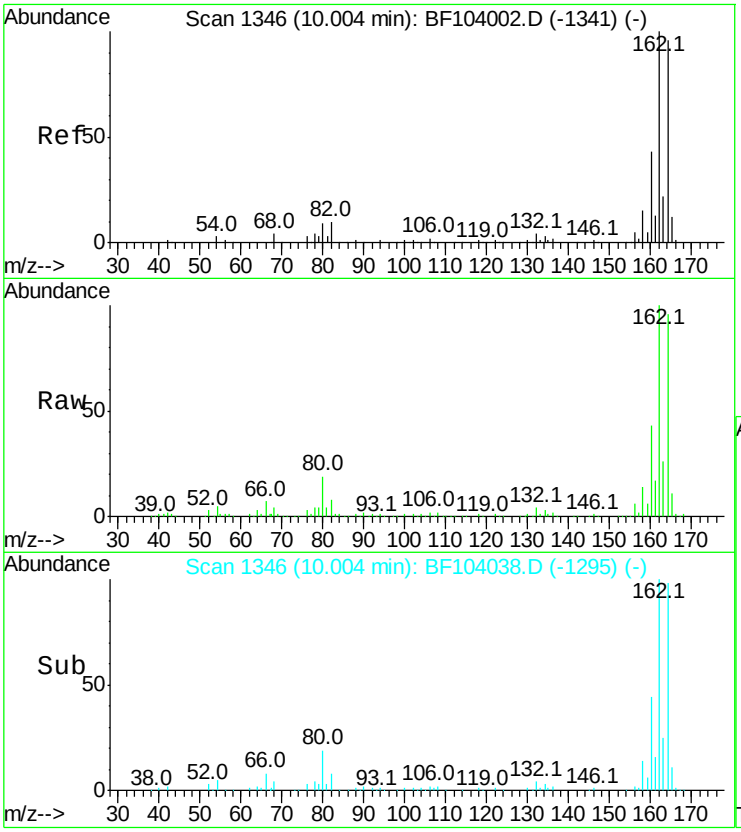


#37
2-Methylnaphthalene
Concen: 20.333 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Tgt Ion:142 Resp: 267087

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	33.4	26.1	39.1



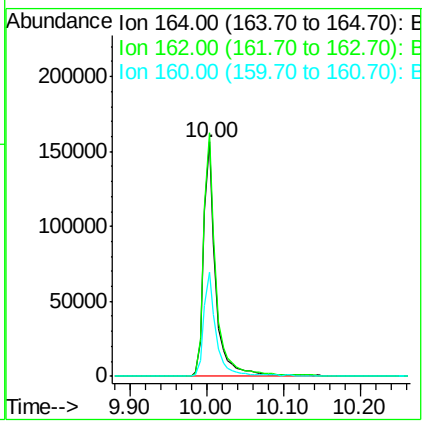


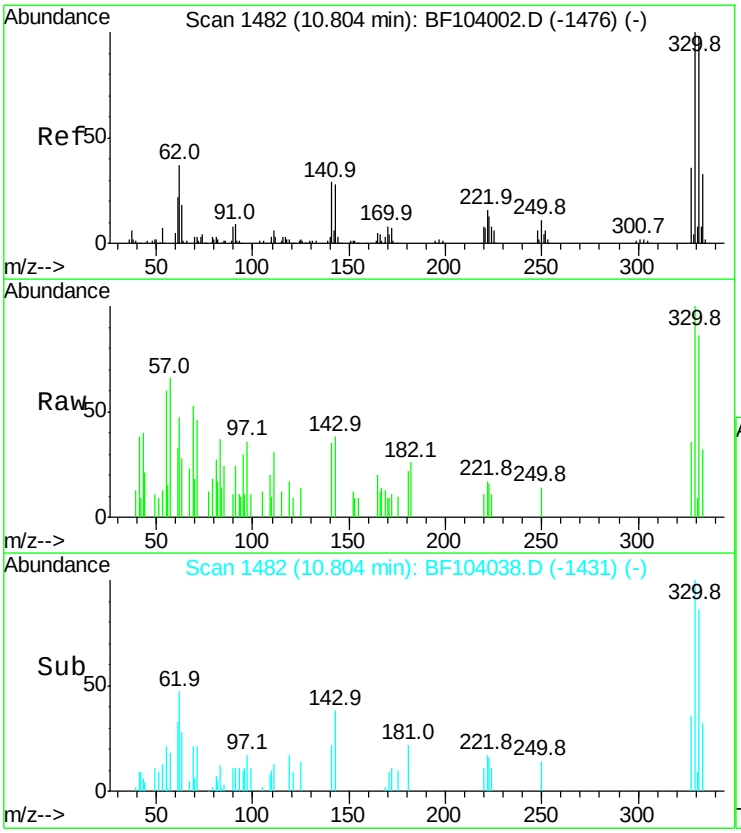
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 171946

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	44.6	38.3	57.5

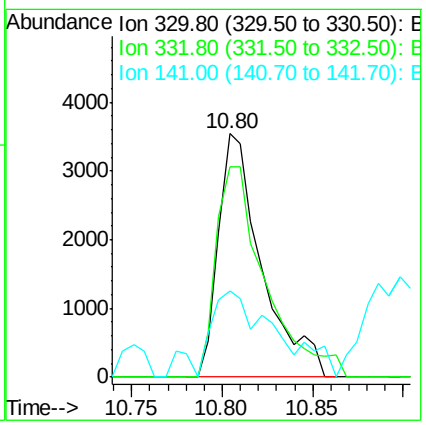


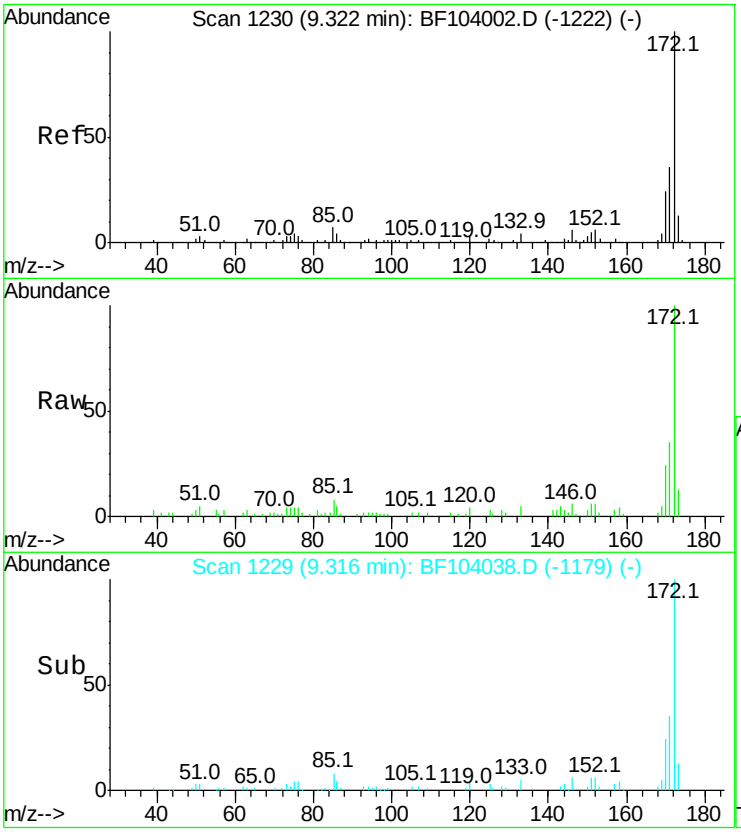


#41
2,4,6-Tribromophenol
Concen: 3.085 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Tgt Ion:330 Resp: 5907

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	48.6	29.9	44.9#



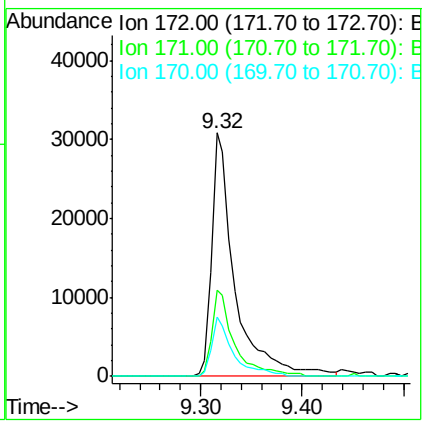


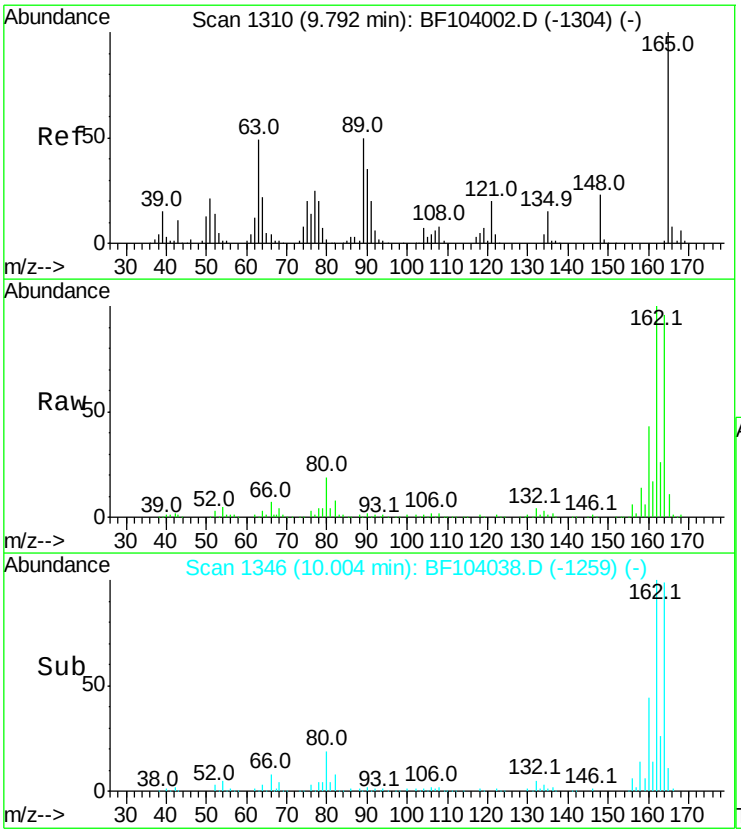
#44
2-Fluorobiphenyl
Concen: 4.501 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 49077

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.1	19.6	29.4

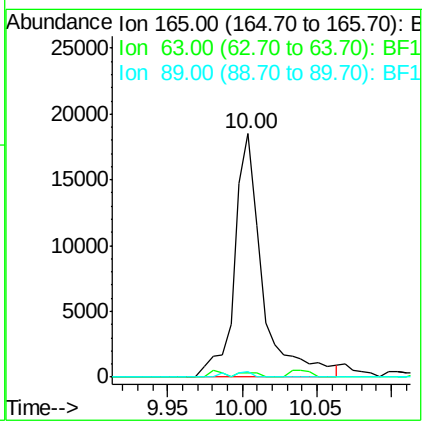


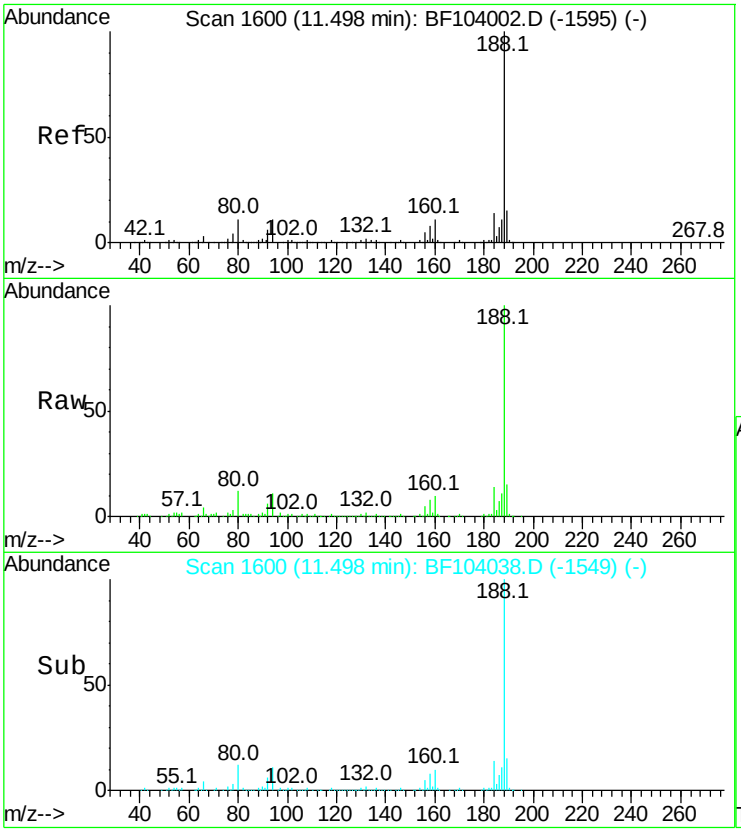


#50
2,6-Dinitrotoluene
Concen: 8.201 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Tgt Ion:165 Resp: 23952

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	2.4	44.0	66.0#



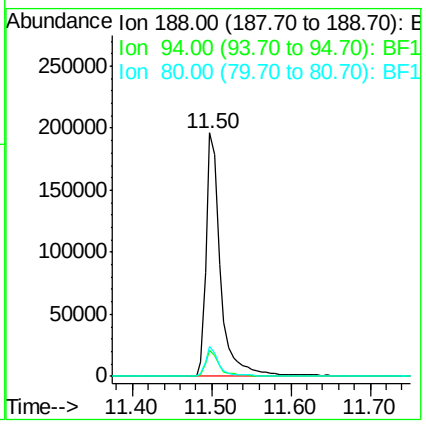


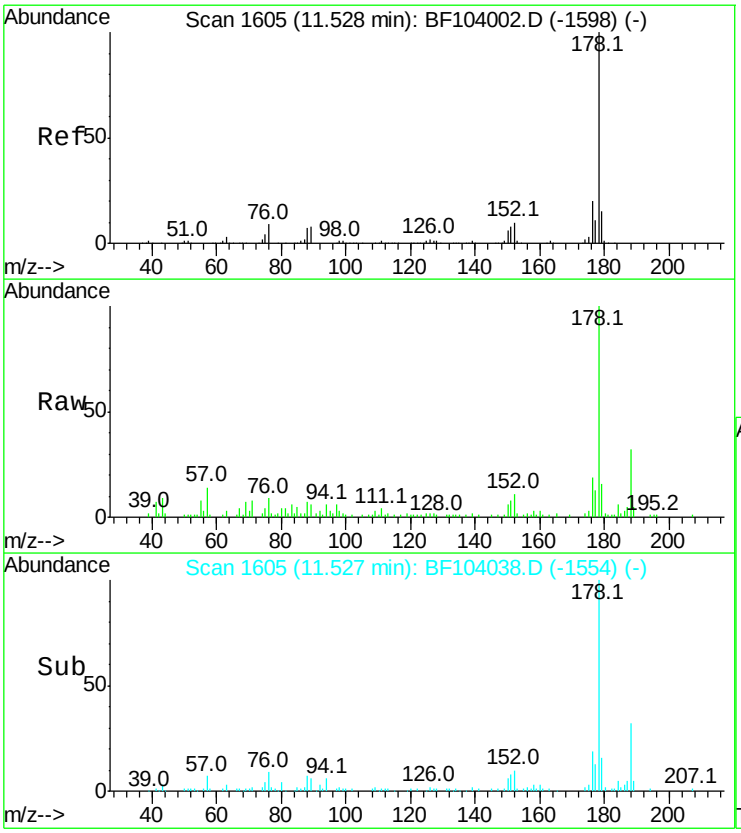
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 248635

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	12.0	9.2	13.8

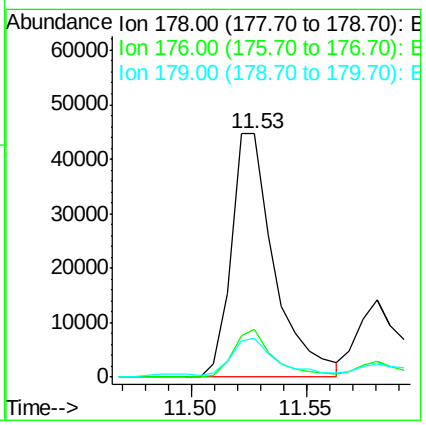


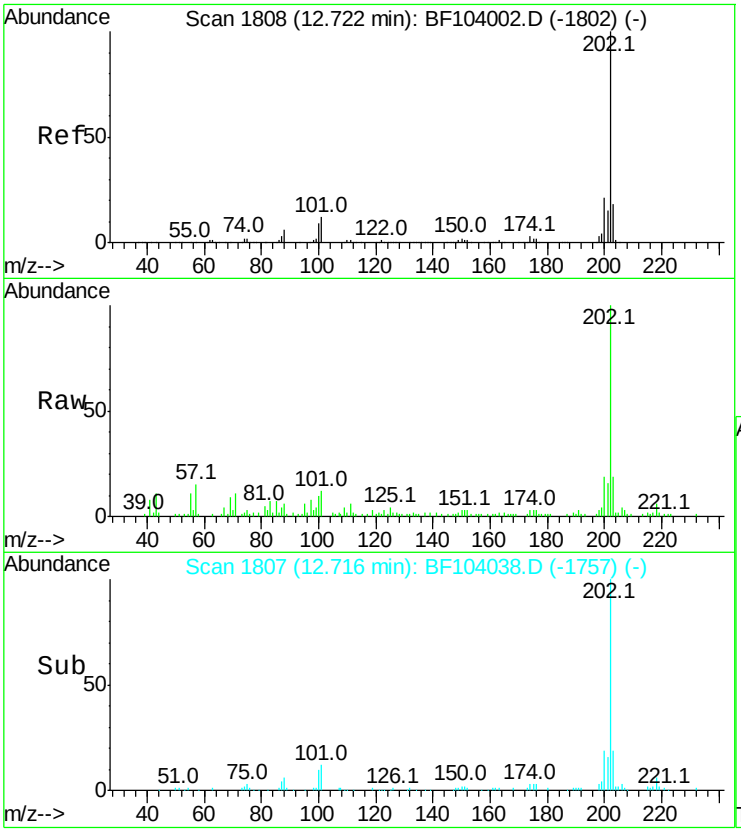


#70
Phenanthrene
Concen: 4.322 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Tgt Ion:178 Resp: 58179

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.8	13.0	19.6



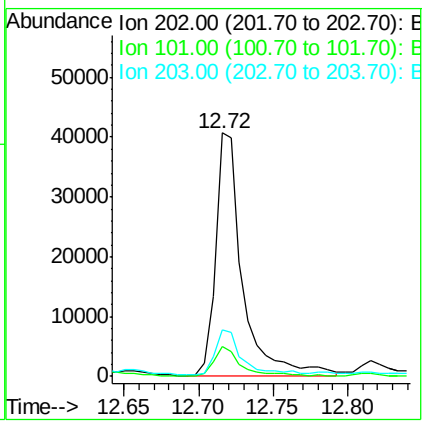


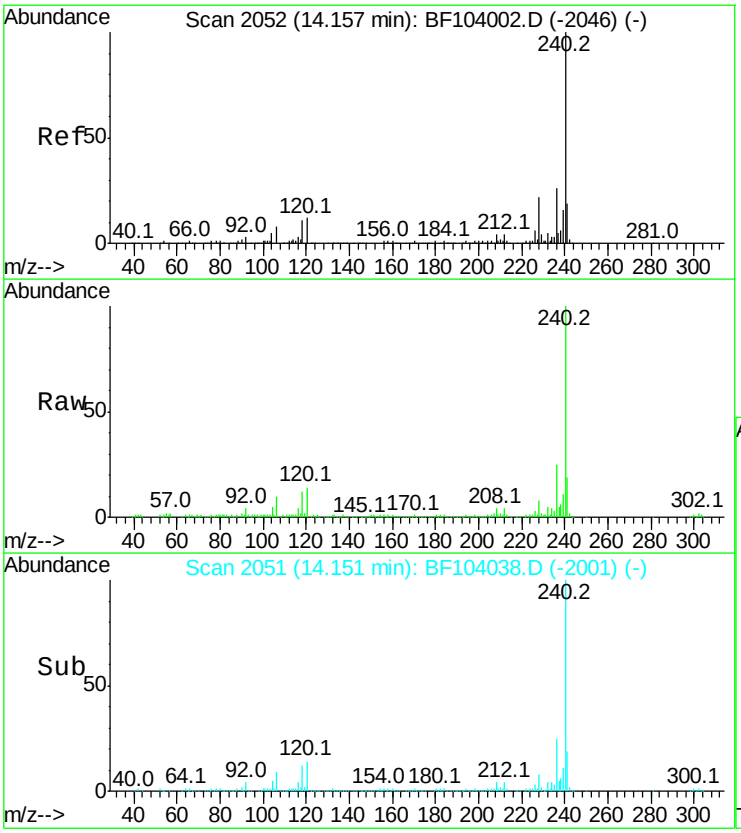
#74
Fluoranthene
Concen: 3.625 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 51865

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	19.1	0.0	38.1

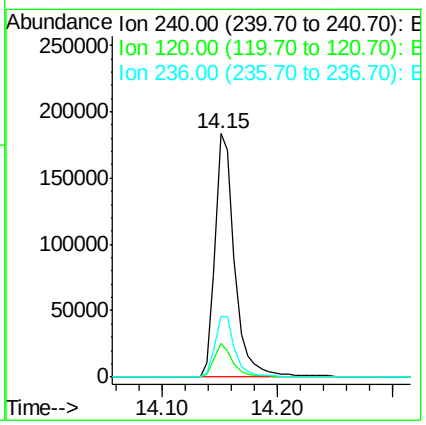


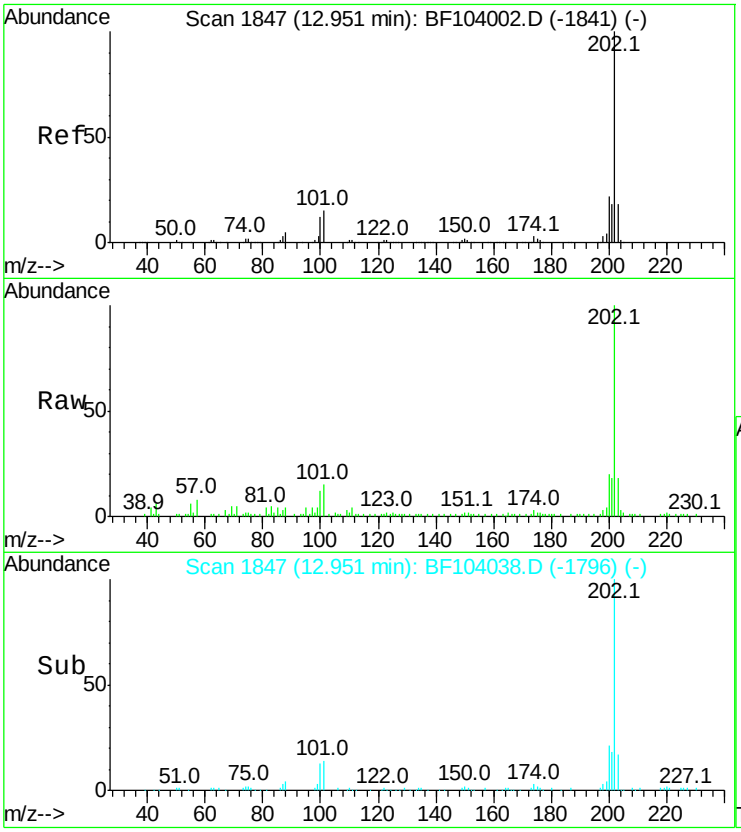


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Tgt Ion:240 Resp: 216878

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	25.1	20.7	31.1



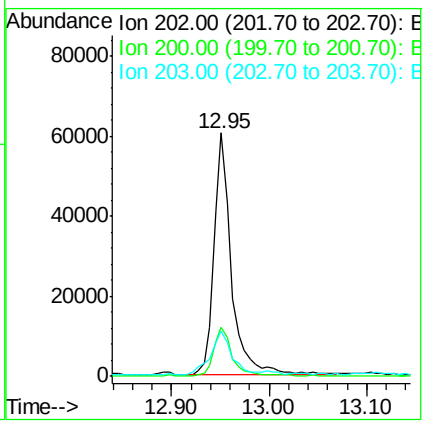


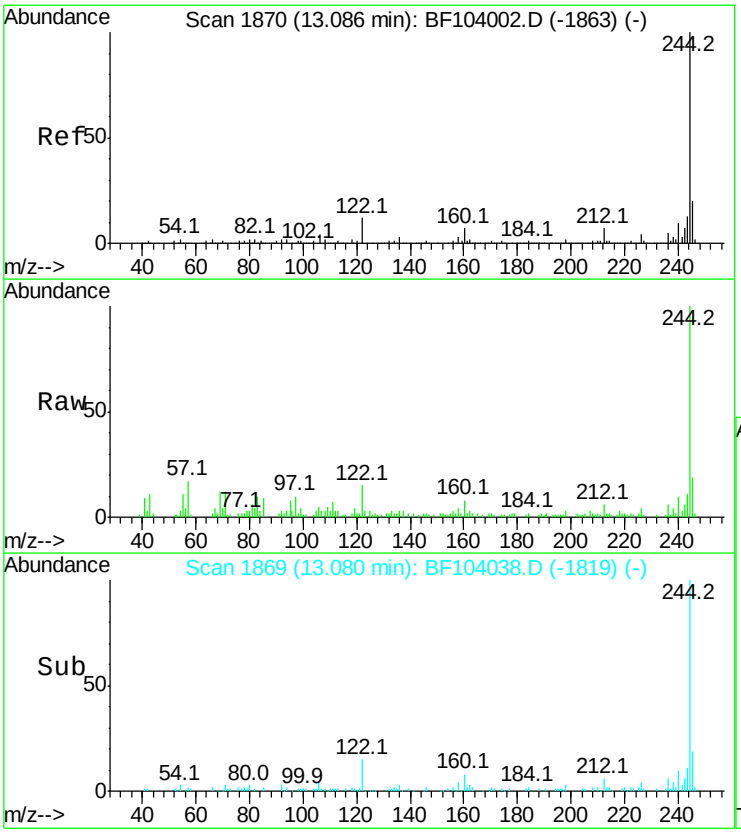
#77
Pyrene
Concen: 4.823 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 75200

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	18.4	14.3	21.5

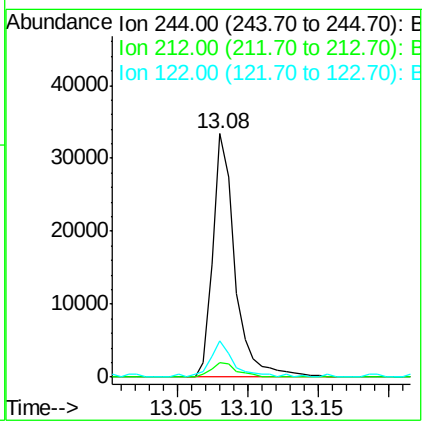


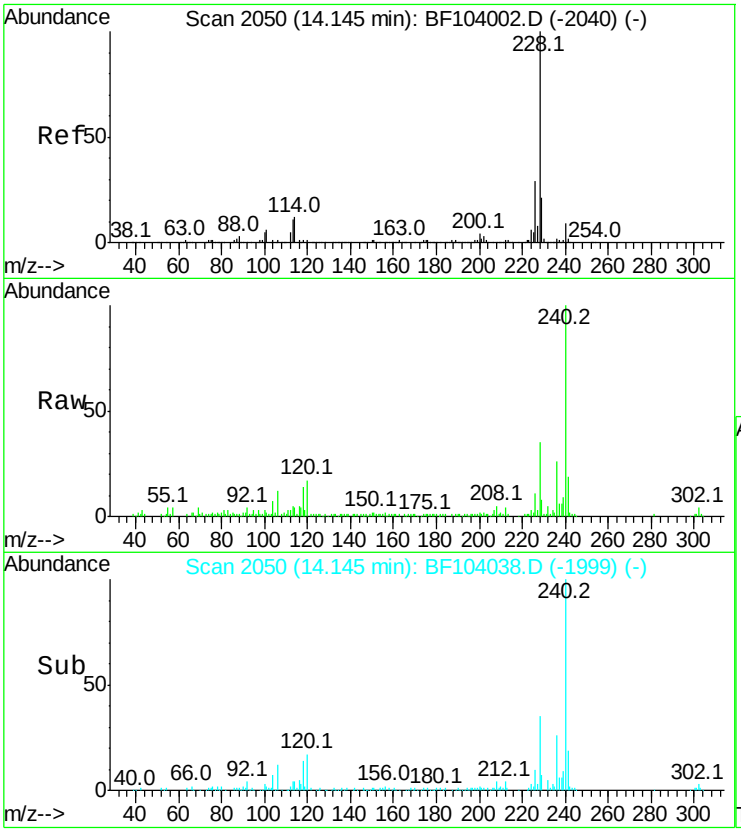


#78
Terphenyl-d14
Concen: 3.897 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Tgt Ion:244 Resp: 36601

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	15.1	11.0	16.4



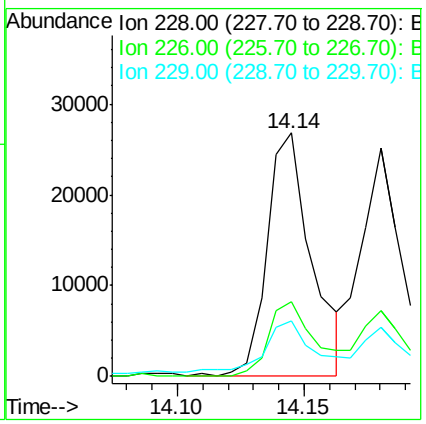


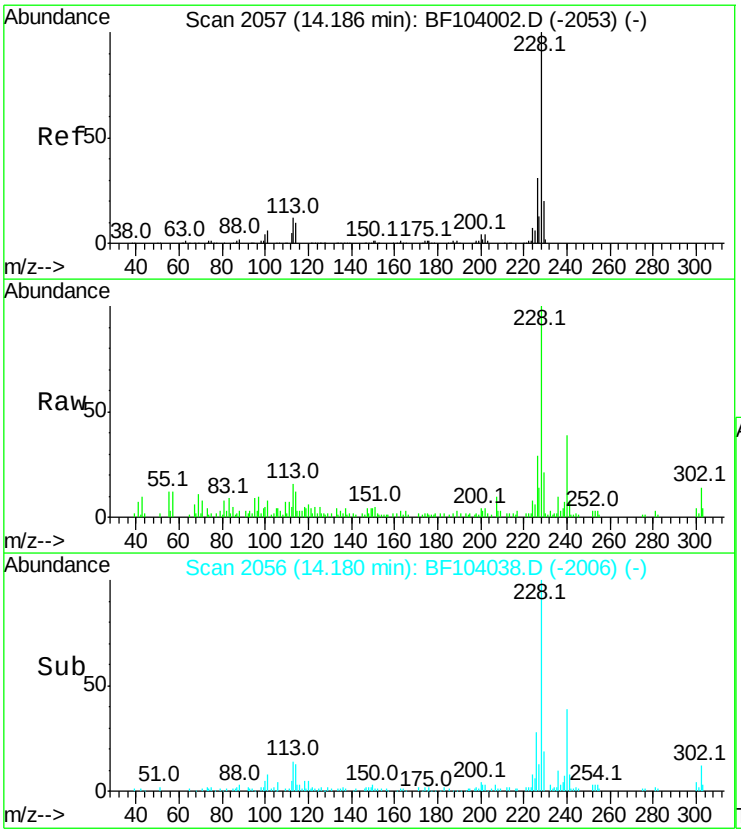
#80
Benzo(a)anthracene
Concen: 2.424 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 32891

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	22.7	15.8	23.6

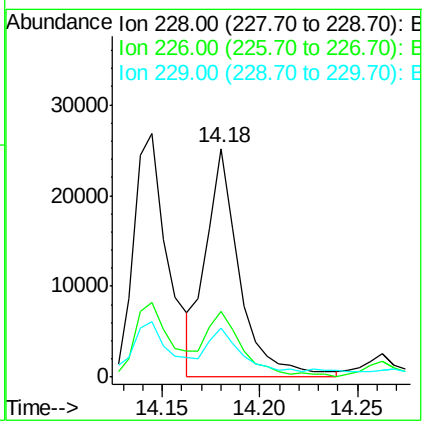


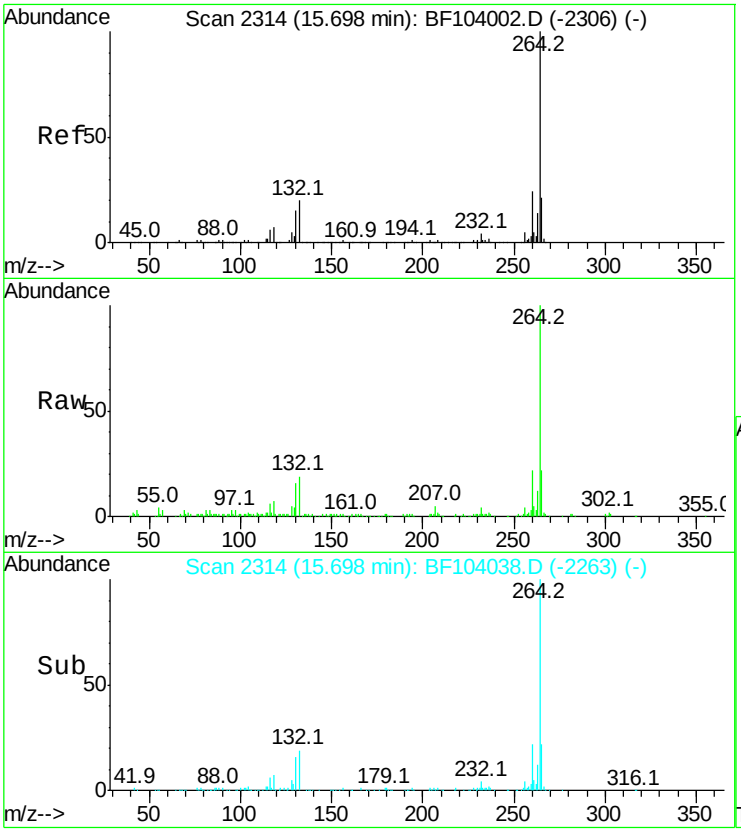


#82
Chrysene
Concen: 2.291 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Tgt Ion:228 Resp: 30445

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	21.5	16.2	24.4



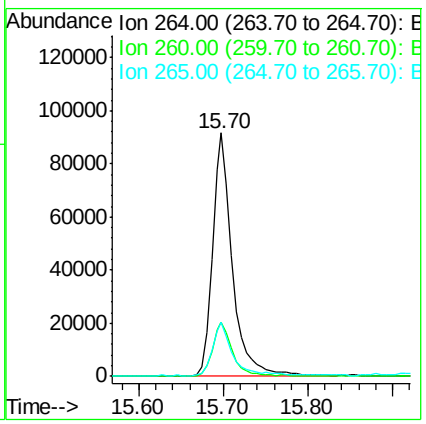


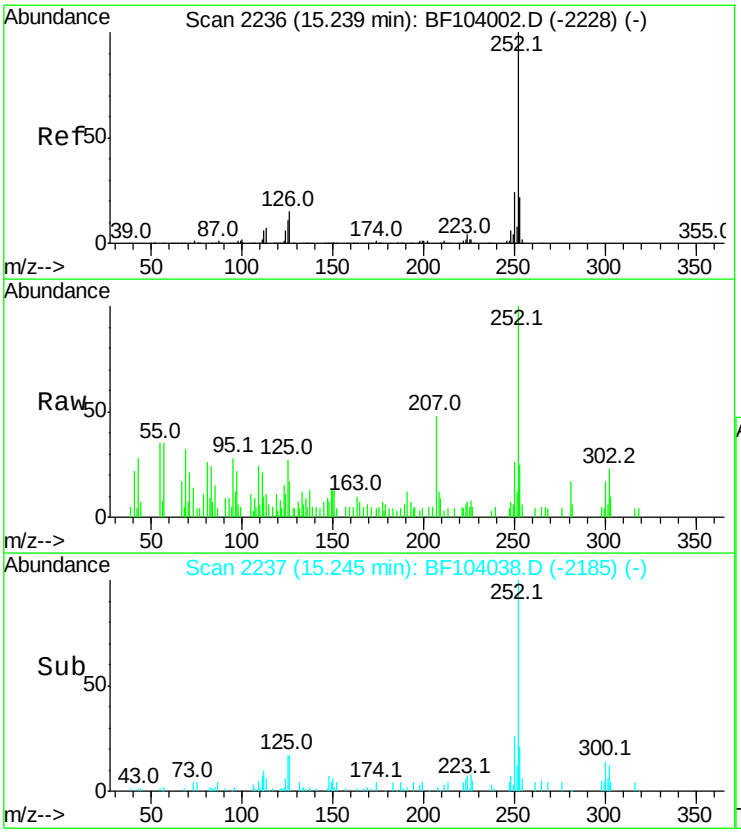
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 152045

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.2	17.5	26.3

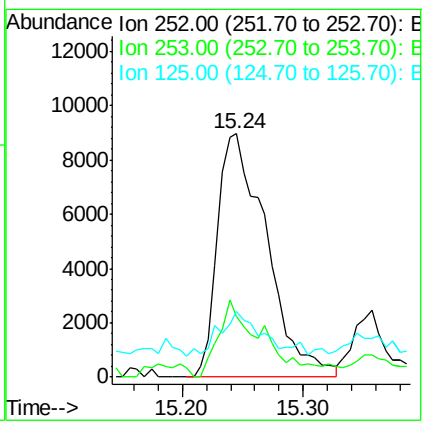


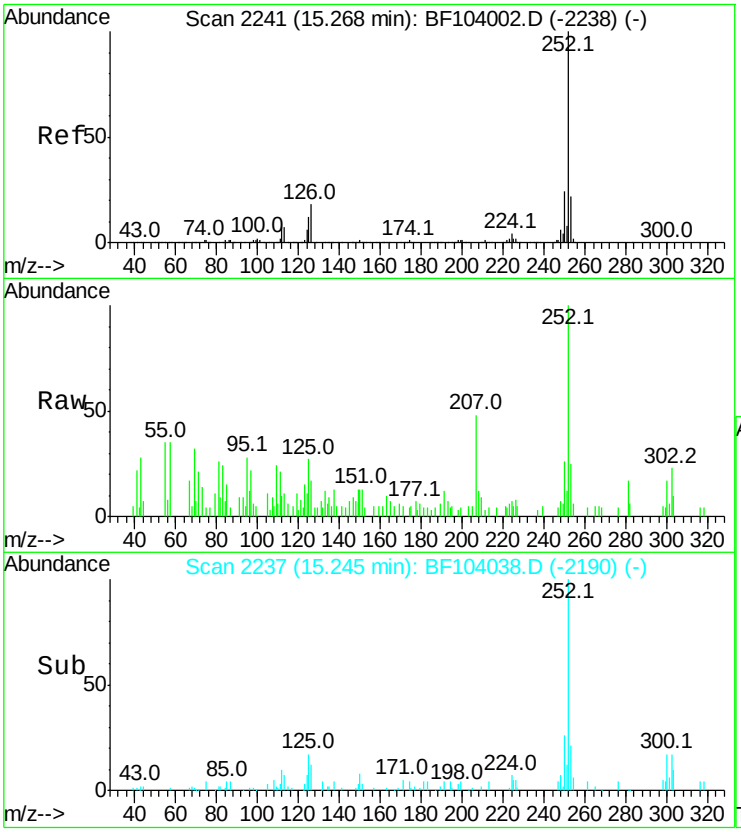


#87
Benzo(b)fluoranthene
Concen: 2.740 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Tgt Ion:252 Resp: 25354

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.0	25.6
125	26.8	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.909 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF104038.D
Acq: 29 Mar 2018 7:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 25354

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	26.8	10.2	15.2#