Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104031.D
Acq On : 29 Mar 2018 00:40
Operator : JU/SJ
Sample : J1754-11 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 29 01:56:14 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	6.97	152	120997	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	494935	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	204046	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	294673	20.00	ng	0.00
75) Chrysene-d12	14.16	240	237788	20.00	ng	0.00
86) Perylene-d12	15.70	264	172035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	94777	12.49	ng	0.00
7) Phenol-d6	6.60	99	175995	18.85	ng	0.00
23) Nitrobenzene-d5	7.53	82	94711	11.70	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	37988	16.72	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	245747	18.99	ng	0.00
78) Terphenyl-d14	13.09	244	172931	16.79	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.56	77	170	Below Cal	#	1
50) 2,6-Dinitrotoluene	10.00	165	29348	8.468	ng #	26
70) Phenanthrene	11.53	178	48432	3.036	ng	100
71) Anthracene	11.58	178	38299	2.298	ng	97
74) Fluoranthene	12.72	202	93658	5.523	ng	97
77) Pyrene	12.96	202	130913	7.659	ng	99
80) Benzo(a)anthracene	14.14	228	64149	4.311	ng #	95
82) Chrysene	14.14	228	64149	4.402	ng	95
87) Benzo(b)fluoranthene	15.24	252	67443	6.442	ng #	85
88) Benzo(k)fluoranthene	15.24	252	67443	6.838	ng #	89
89) Benzo(a)pyrene	15.64	252	41780	4.306	ng #	91
91) Benzo(g,h,i)perylene	17.78	276	24078	2.680	ng #	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104031.D
Acq On : 29 Mar 2018 00:40
Operator : JU/SJ
Sample : J1754-11 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 29 01:56:14 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
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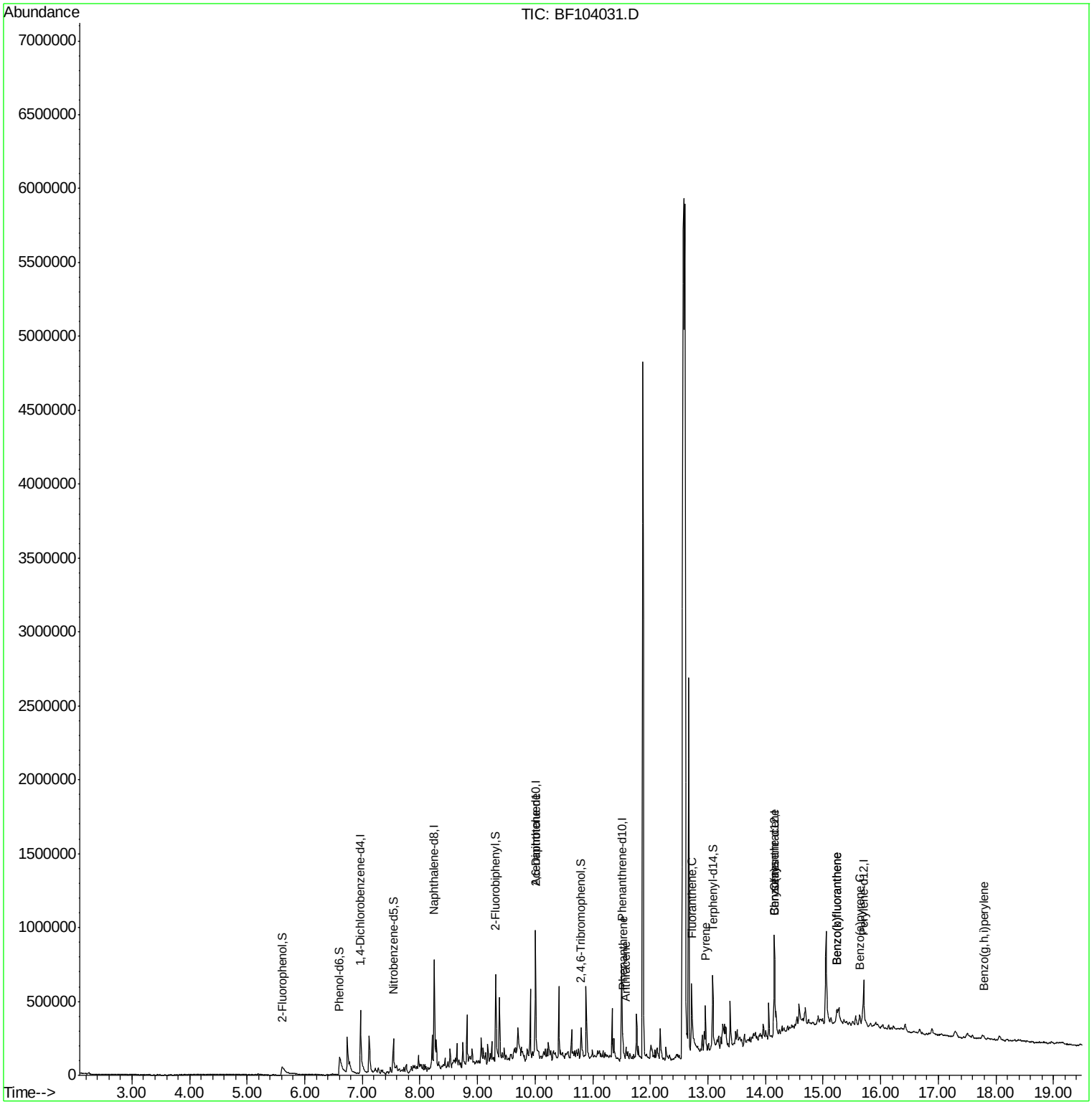
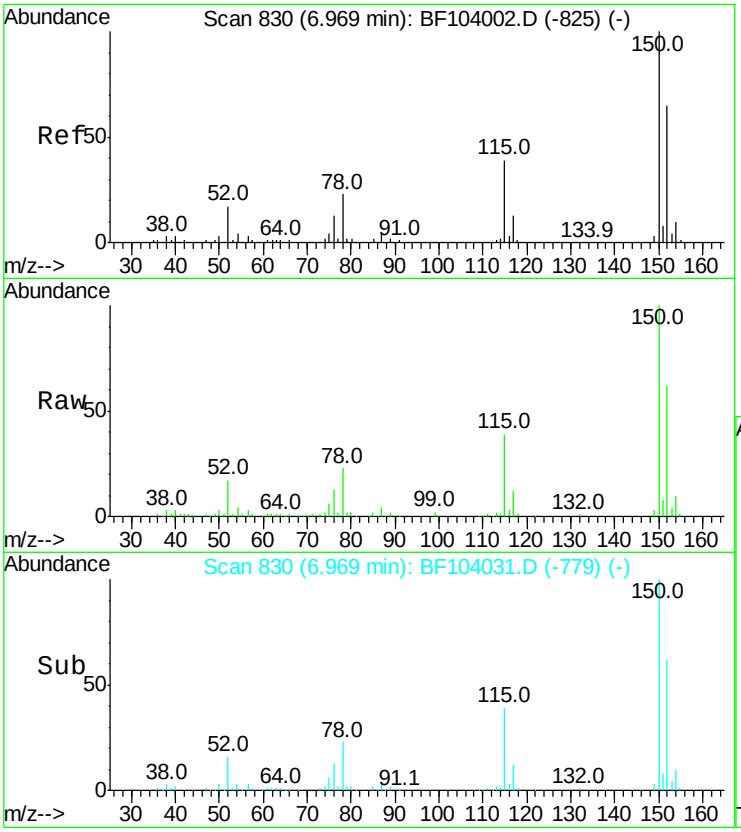


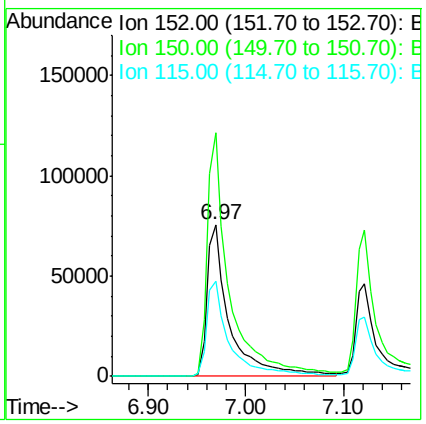


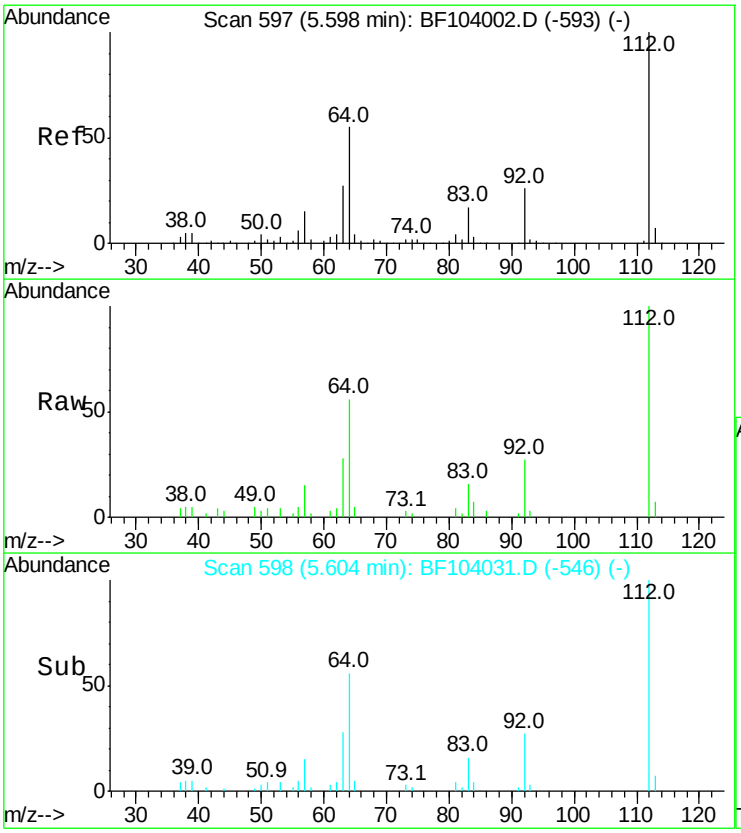
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 120997

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	62.3	50.1	75.1

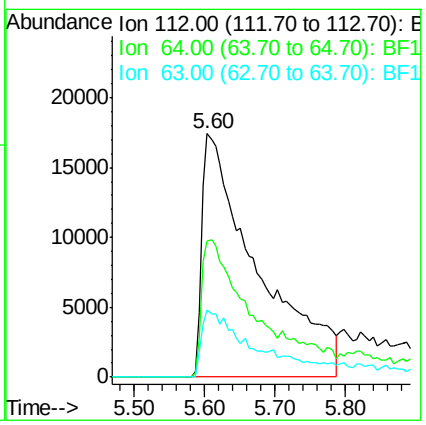


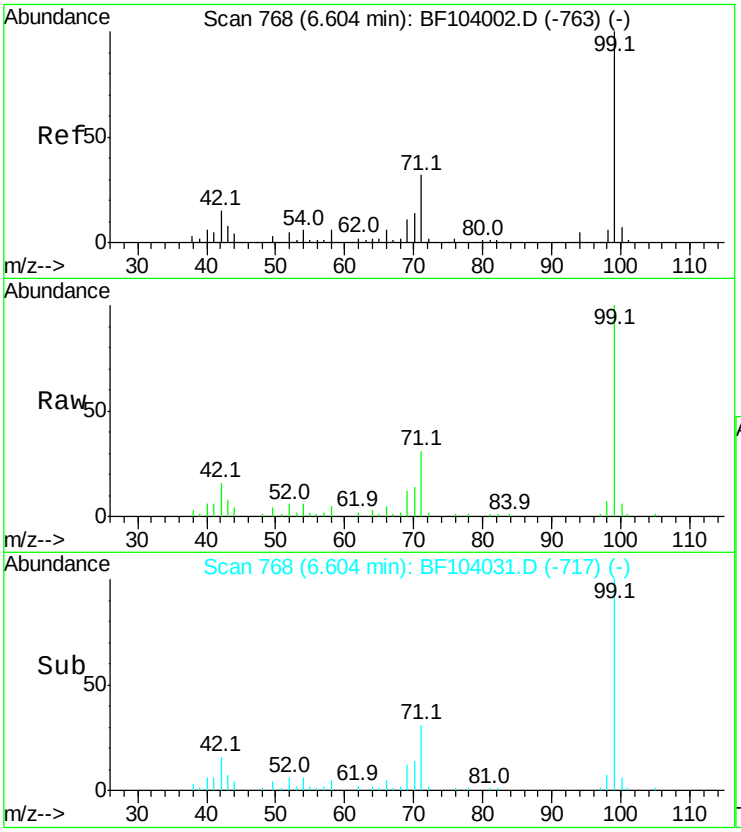


#5
2-Fluorophenol
Concen: 12.492 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Tgt Ion:112 Resp: 94777

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	27.6	23.7	35.5



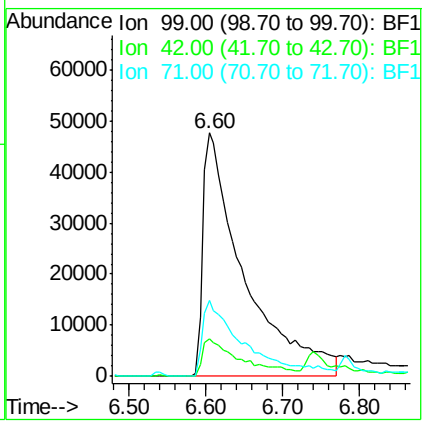


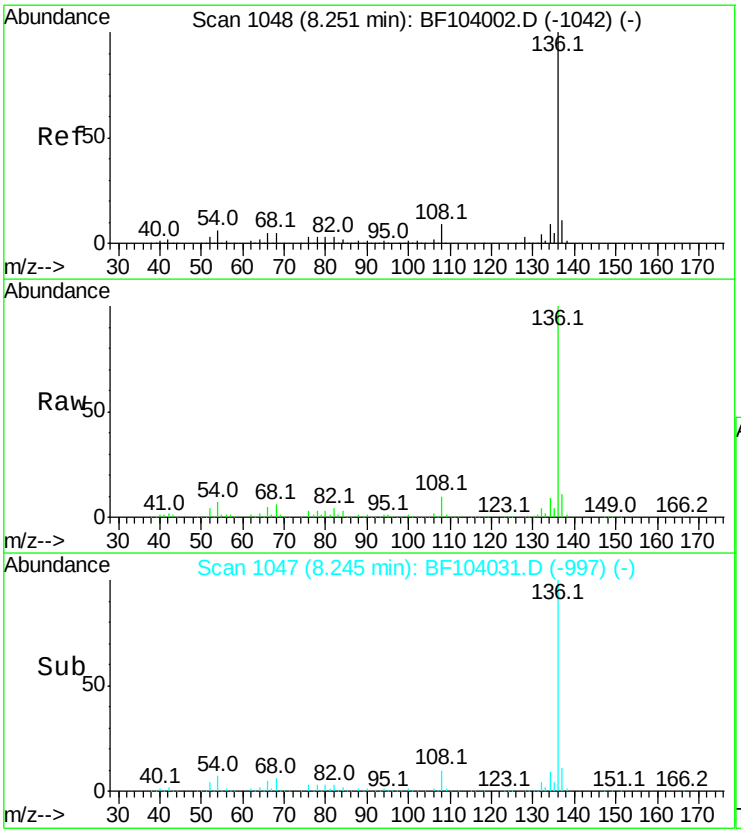
#7
Phenol-d6
Concen: 18.854 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 175995

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	31.4	25.4	38.0

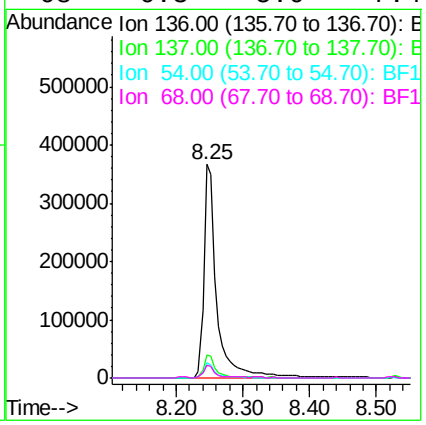


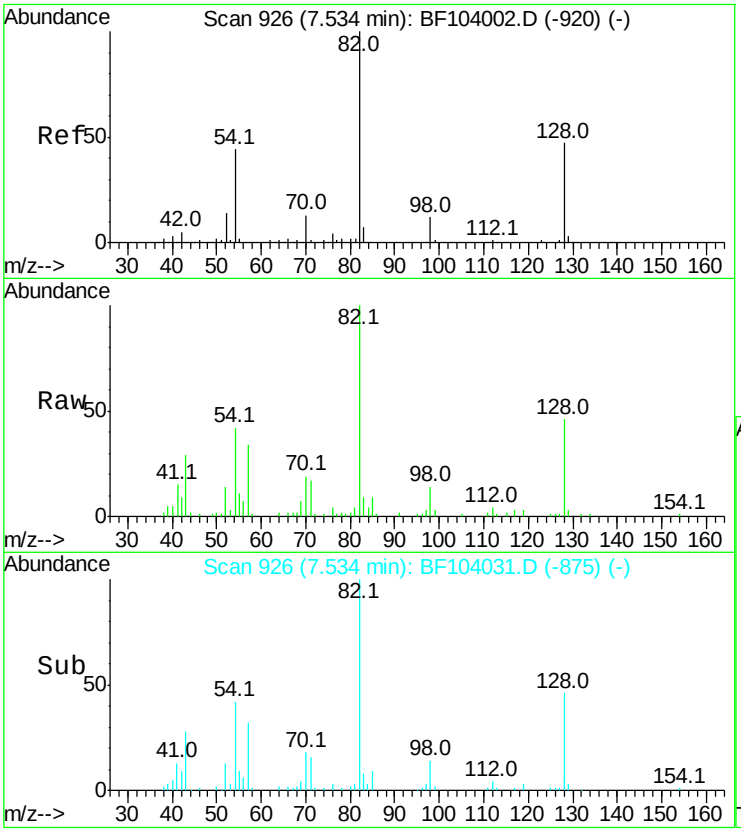


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Tgt Ion:136 Resp: 494935

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.0	6.6	9.8
68	6.3	5.0	7.4



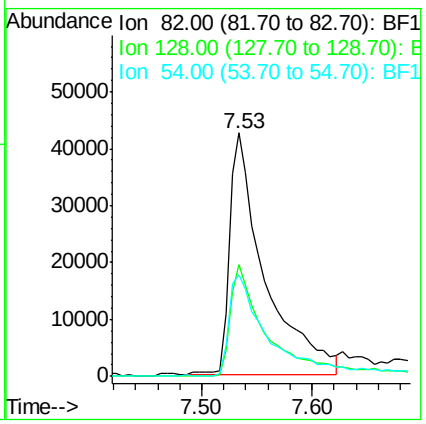


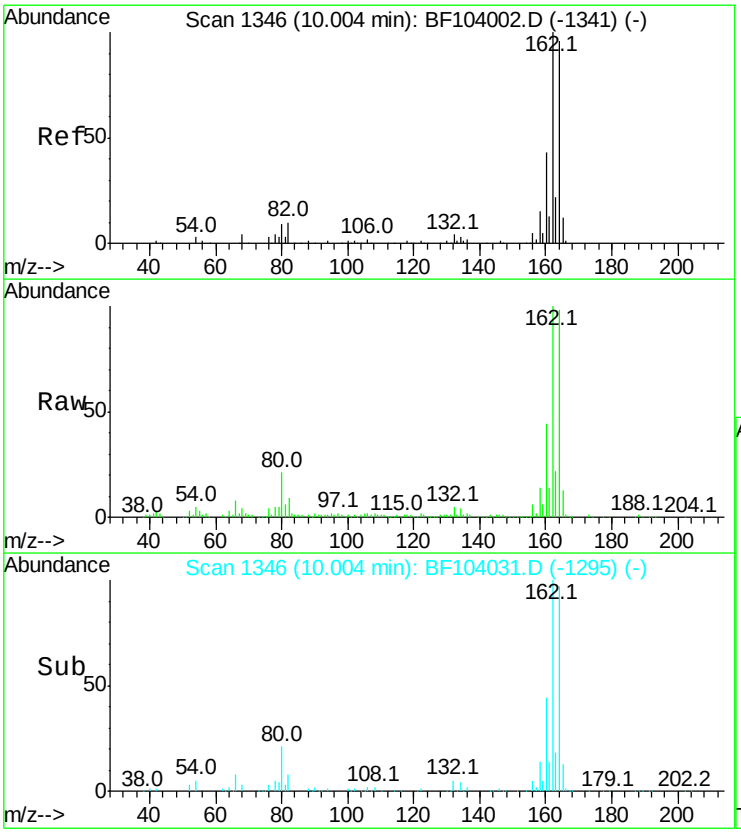
#23
Nitrobenzene-d5
Concen: 11.703 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 94711

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	41.6	41.4	62.2

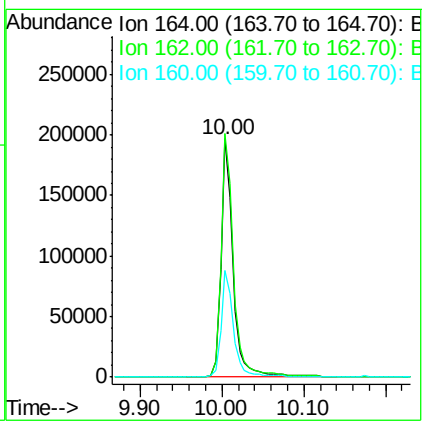


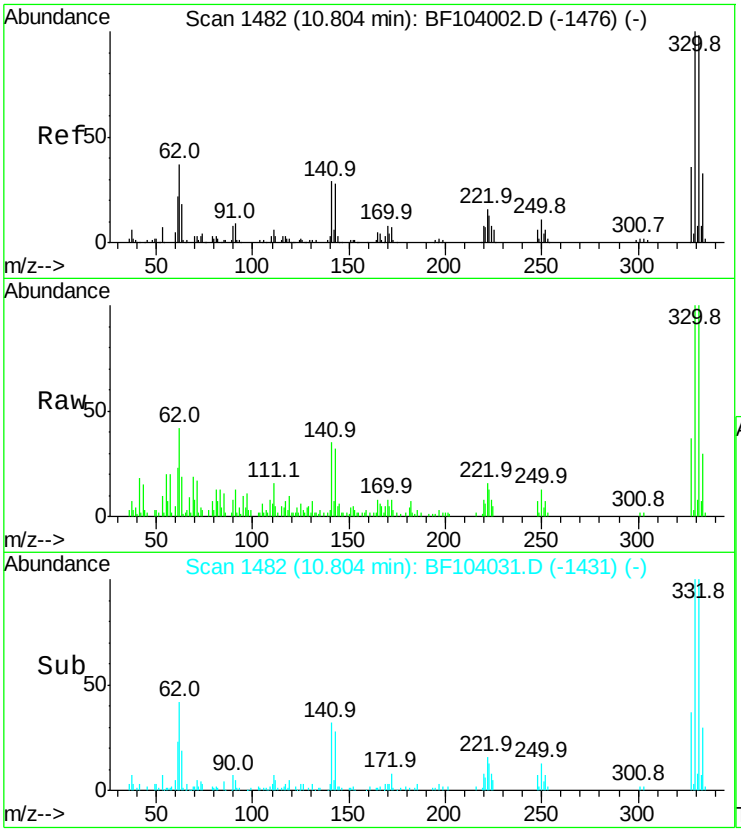


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Tgt Ion:164 Resp: 204046

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	44.9	38.3	57.5



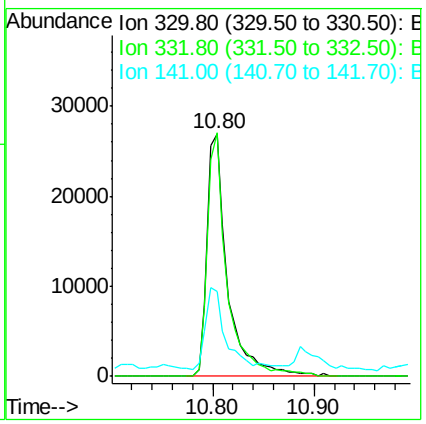


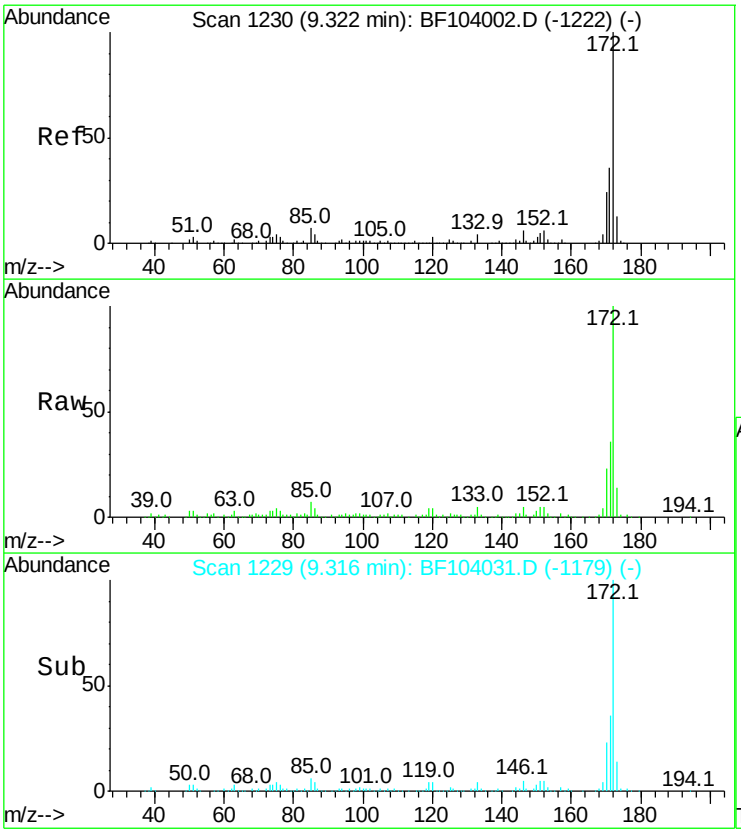
#41
2,4,6-Tribromophenol
Concen: 16.720 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 37988

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.7	29.9	44.9

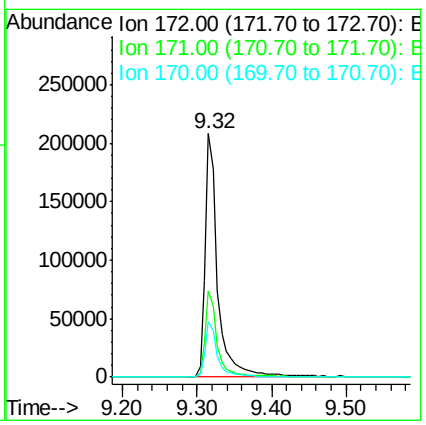


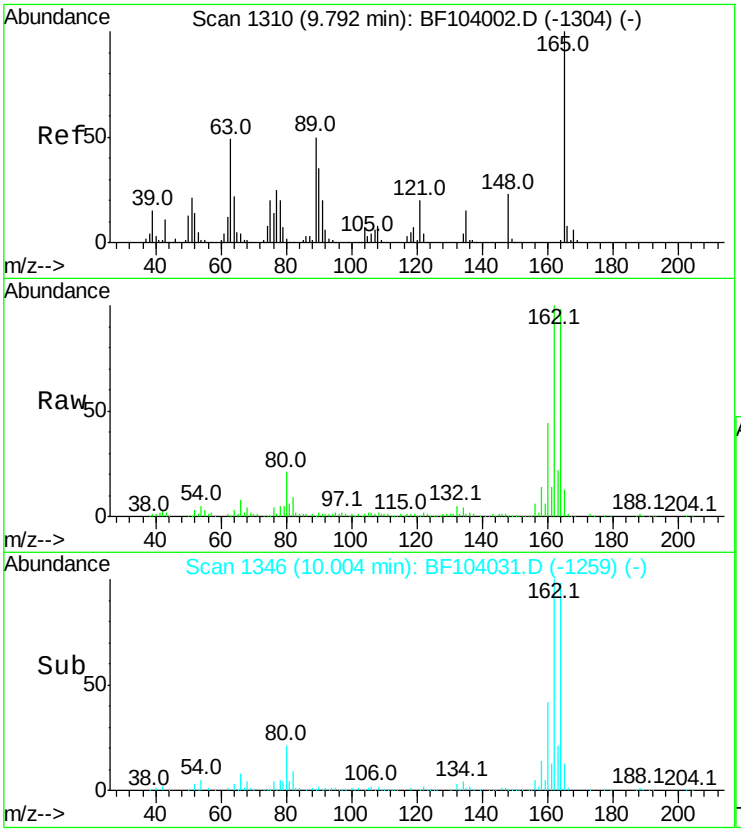


#44
2-Fluorobiphenyl
Concen: 18.992 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Tgt Ion:172 Resp: 245747

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	22.7	19.6	29.4



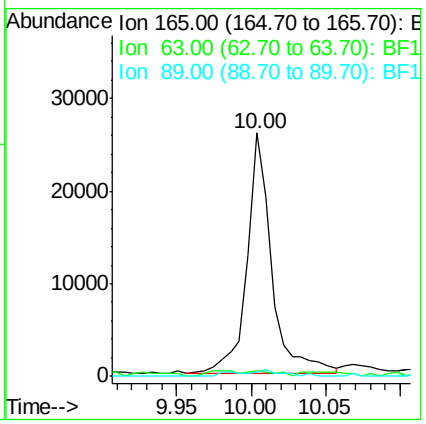


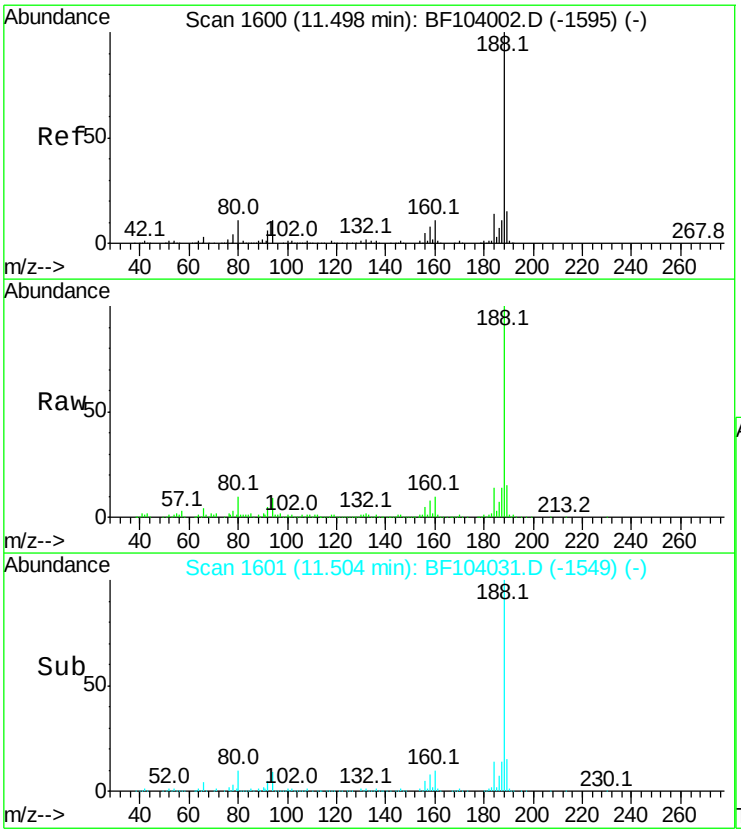
#50
2,6-Dinitrotoluene
Concen: 8.468 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29348

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.7	67.1#
89	1.8	44.0	66.0#

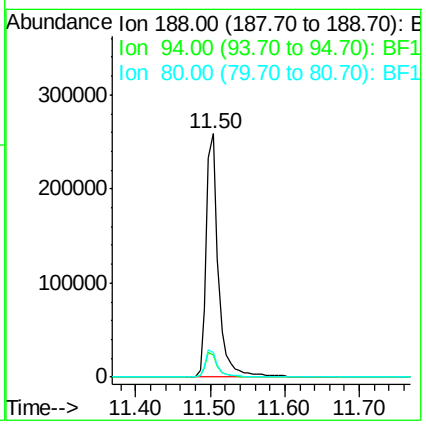


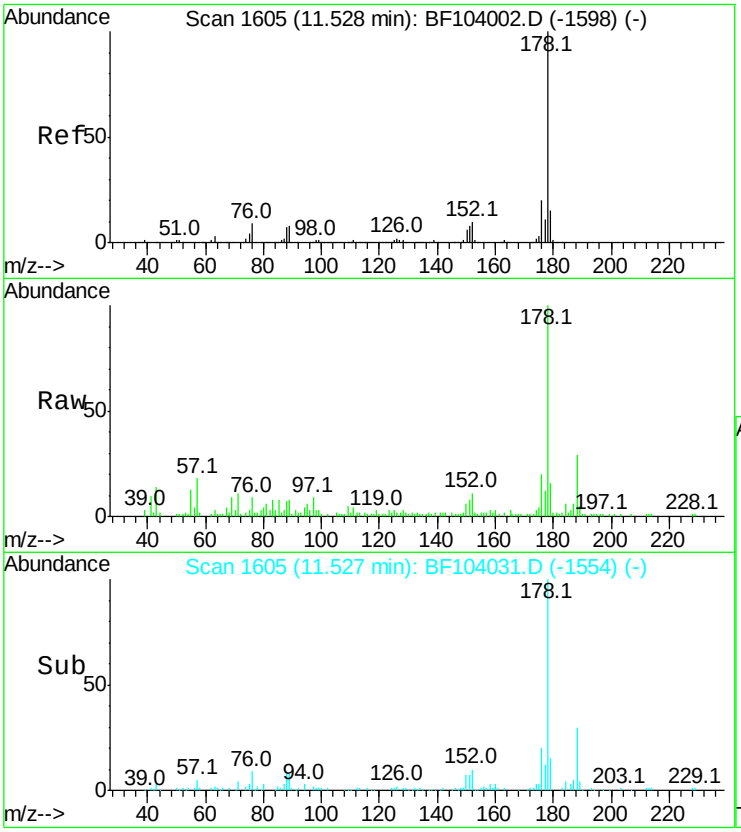


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Tgt Ion:188 Resp: 294673

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.2	9.2	13.8



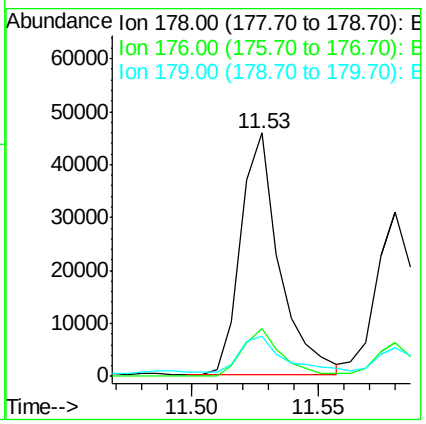


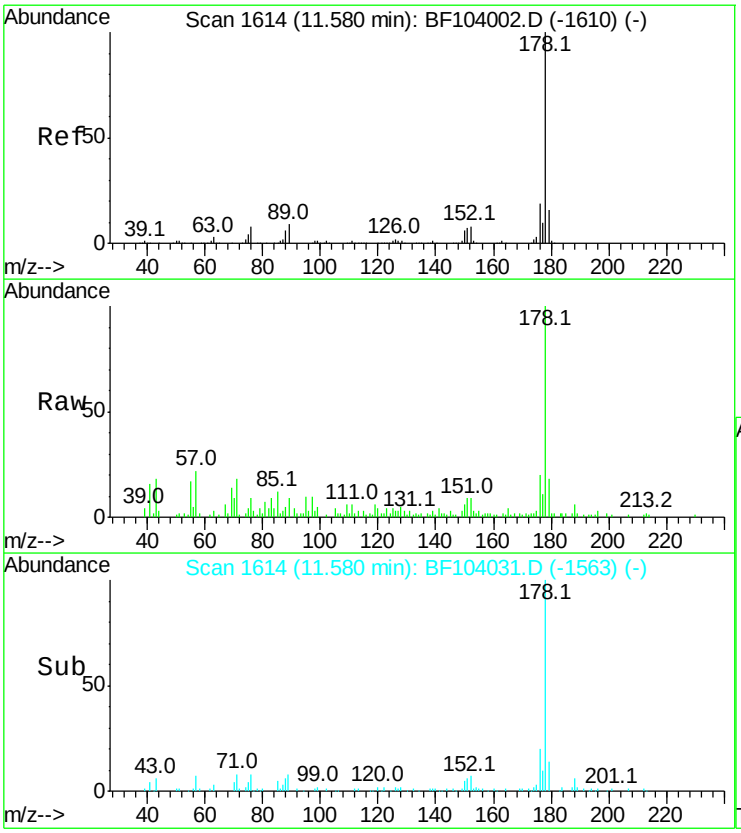
#70
Phenanthrene
Concen: 3.036 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 48432

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.4	13.0	19.6

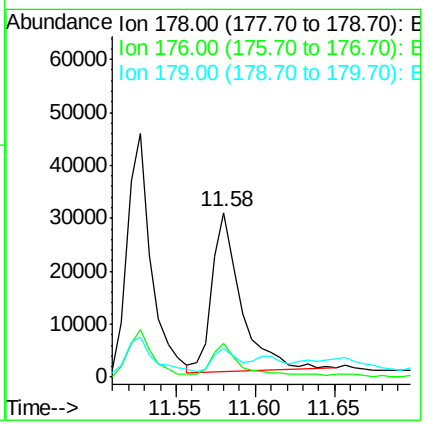


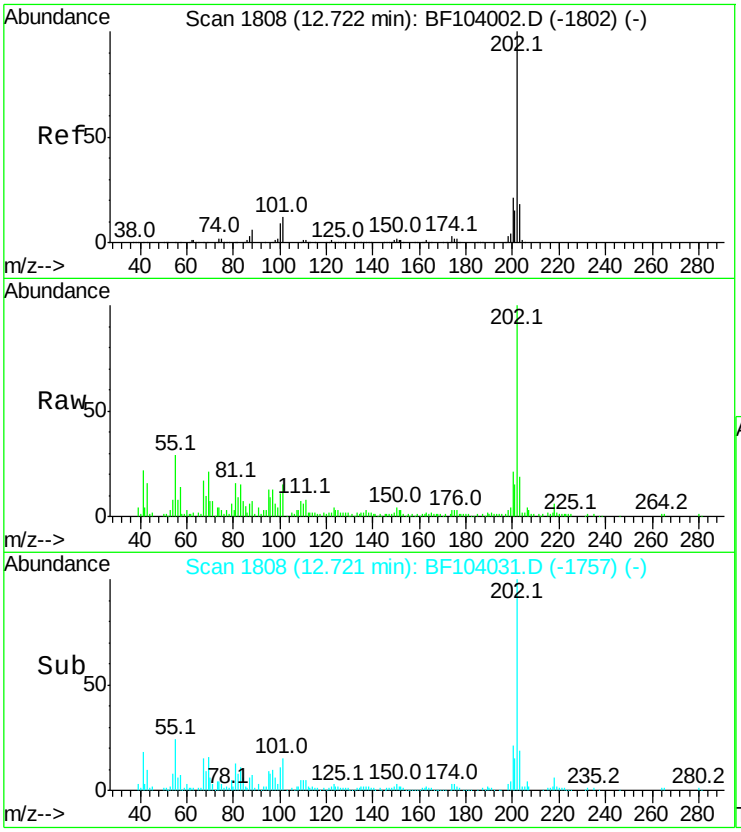


#71
Anthracene
Concen: 2.298 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Tgt Ion:178 Resp: 38299

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.4	23.2
179	17.6	12.6	19.0



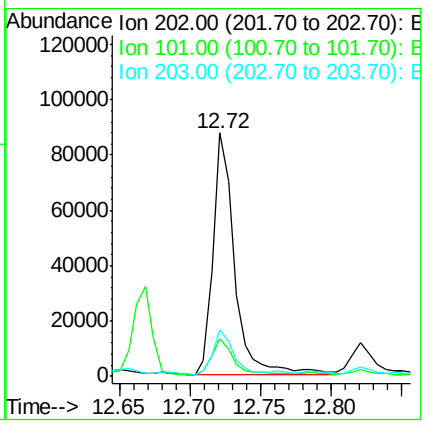


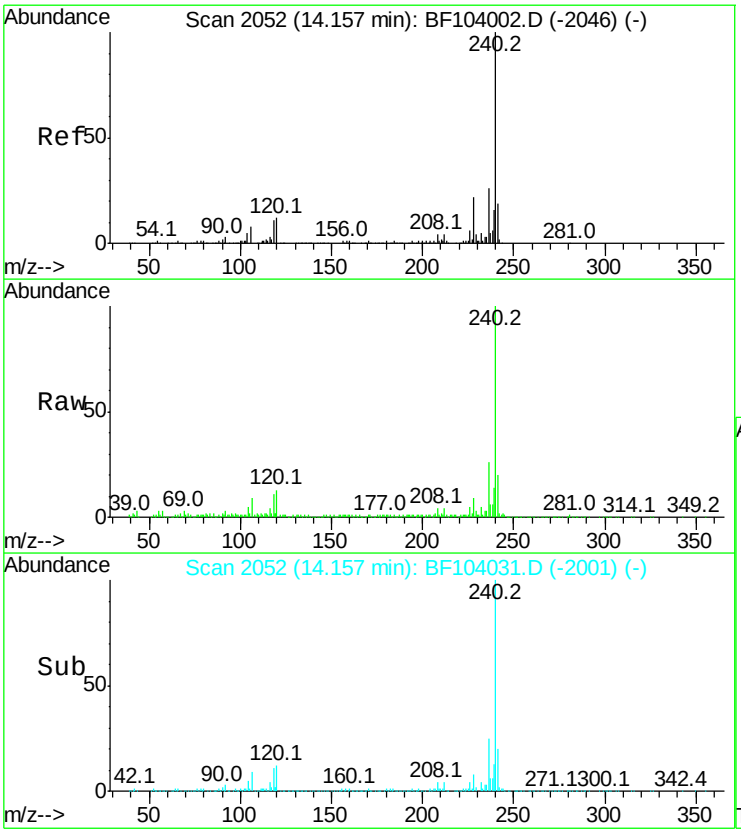
#74
Fluoranthene
Concen: 5.523 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 93658

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	34.1
203	19.0	0.0	38.1

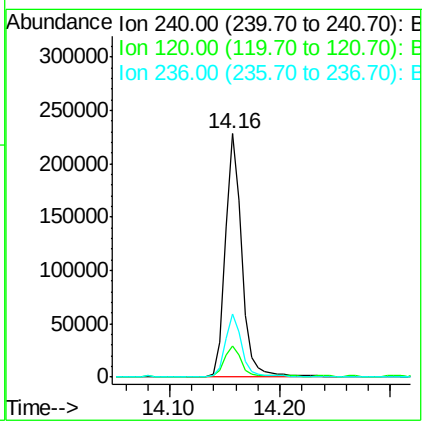


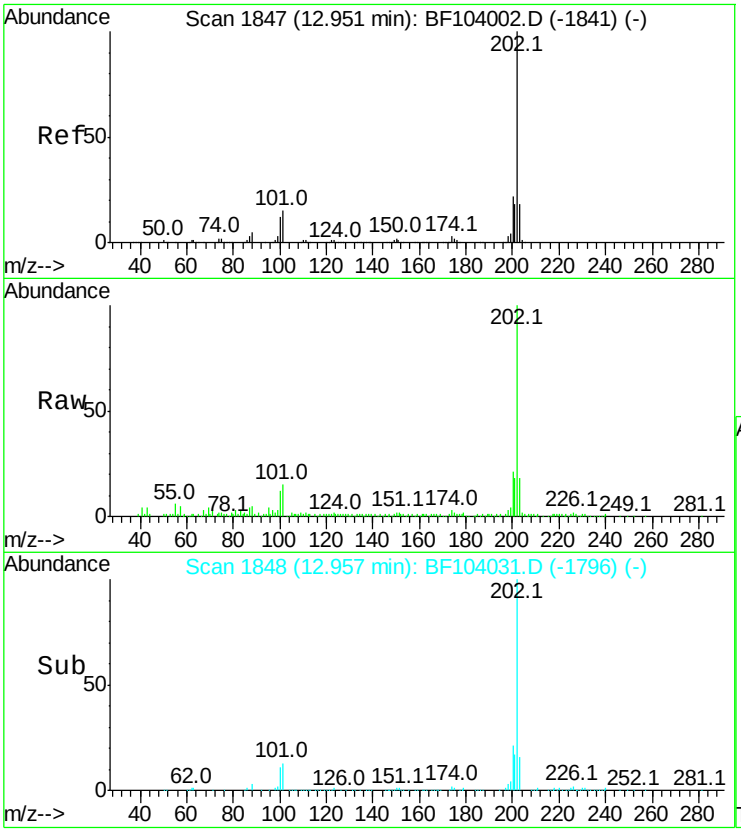


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Tgt Ion:240 Resp: 237788

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.7	20.7	31.1



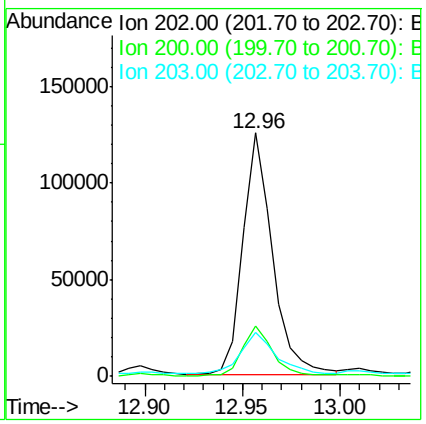


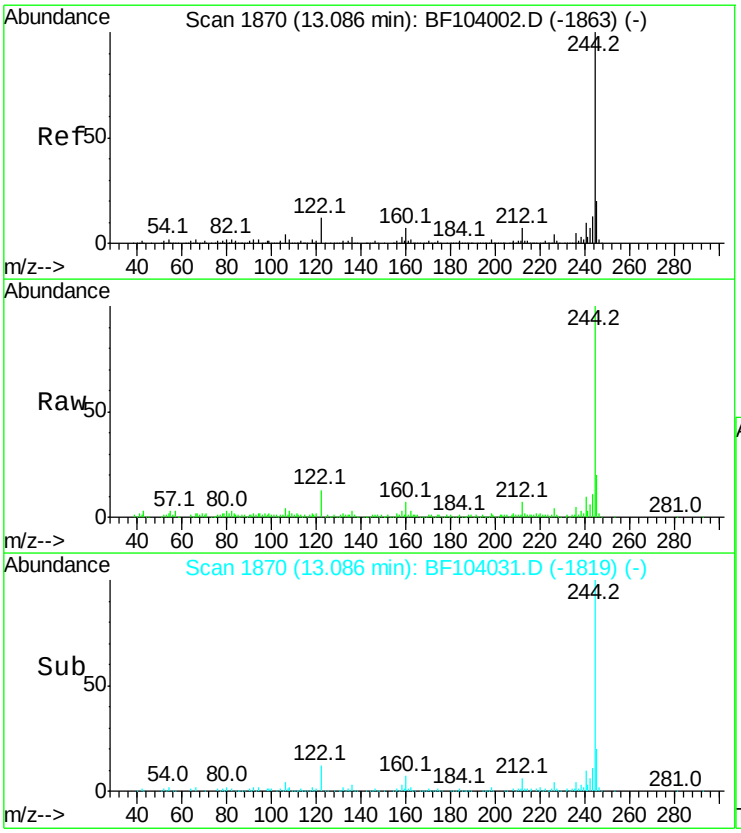
#77
Pyrene
Concen: 7.659 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 130913

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.9	14.3	21.5

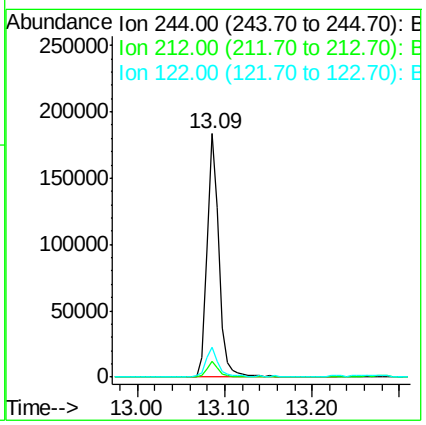


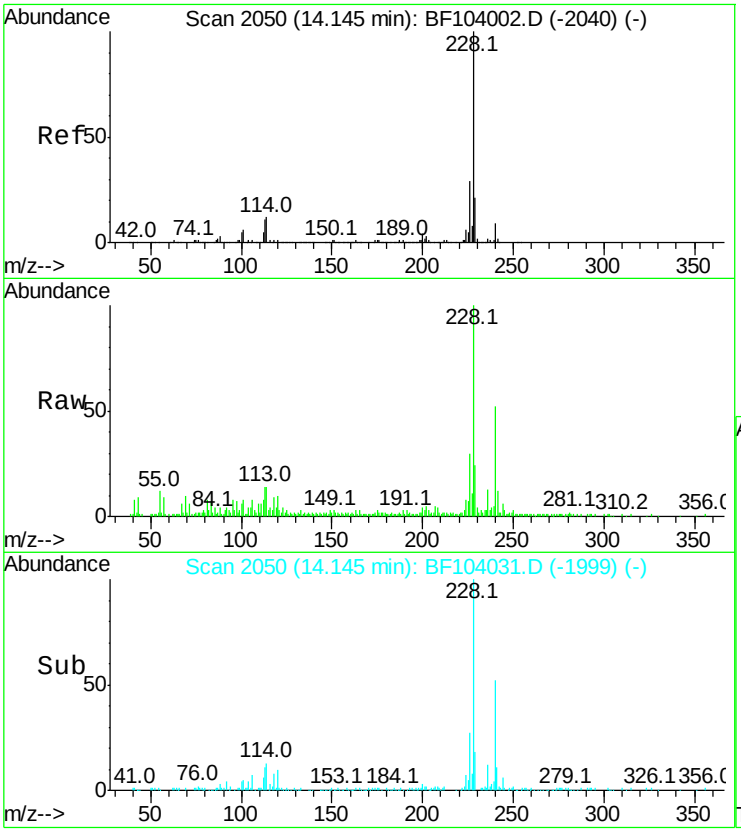


#78
Terphenyl-d14
Concen: 16.792 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Tgt Ion:244 Resp: 172931

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.5	11.0	16.4



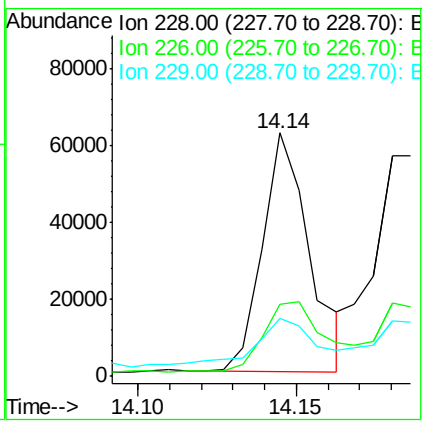


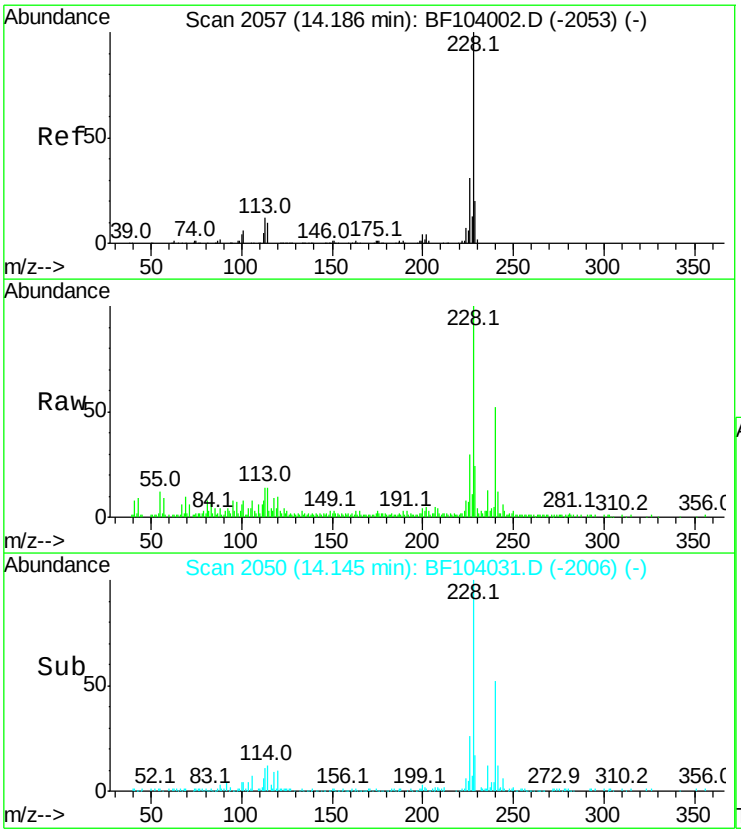
#80
Benzo(a)anthracene
Concen: 4.311 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 64149

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	23.7	15.8	23.6#

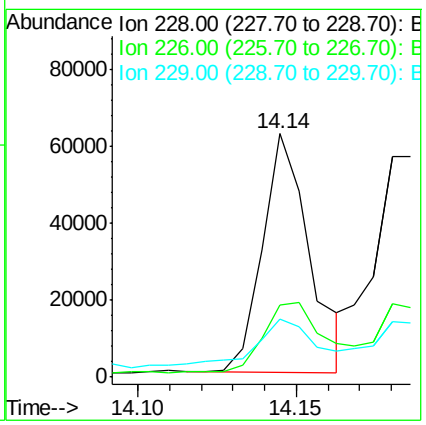


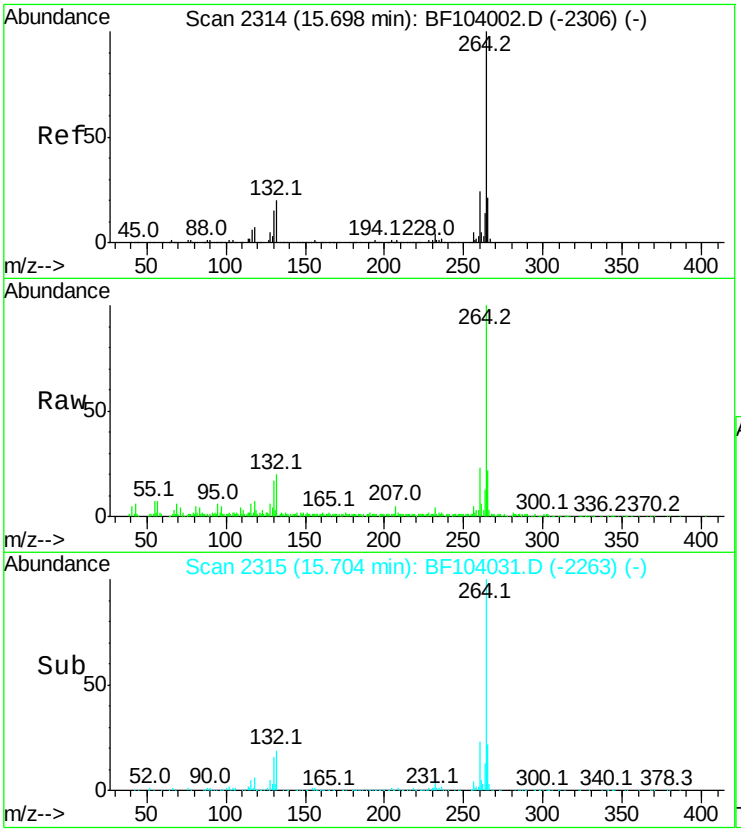


#82
Chrysene
Concen: 4.402 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.04 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Tgt Ion:228 Resp: 64149

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	23.7	16.2	24.4



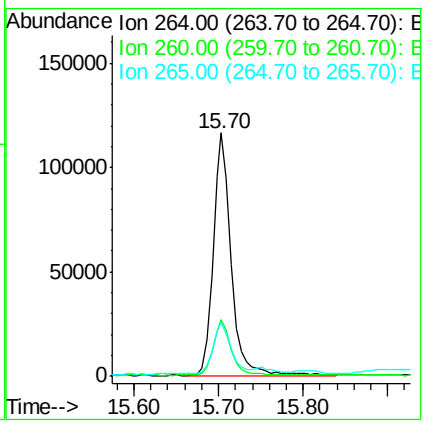


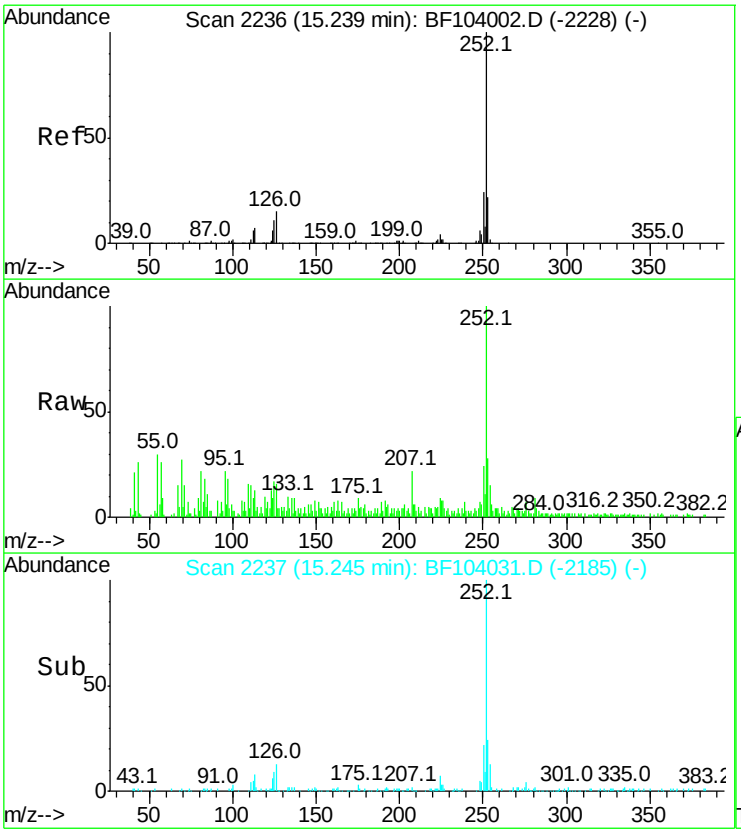
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 172035

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.4	17.5	26.3

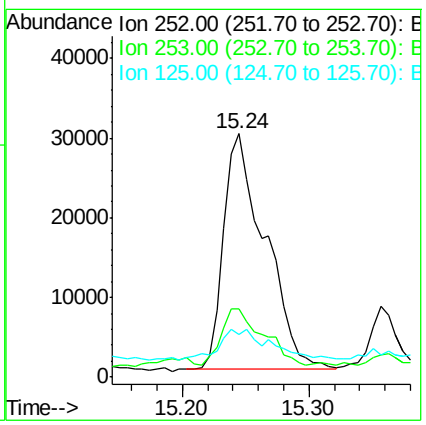


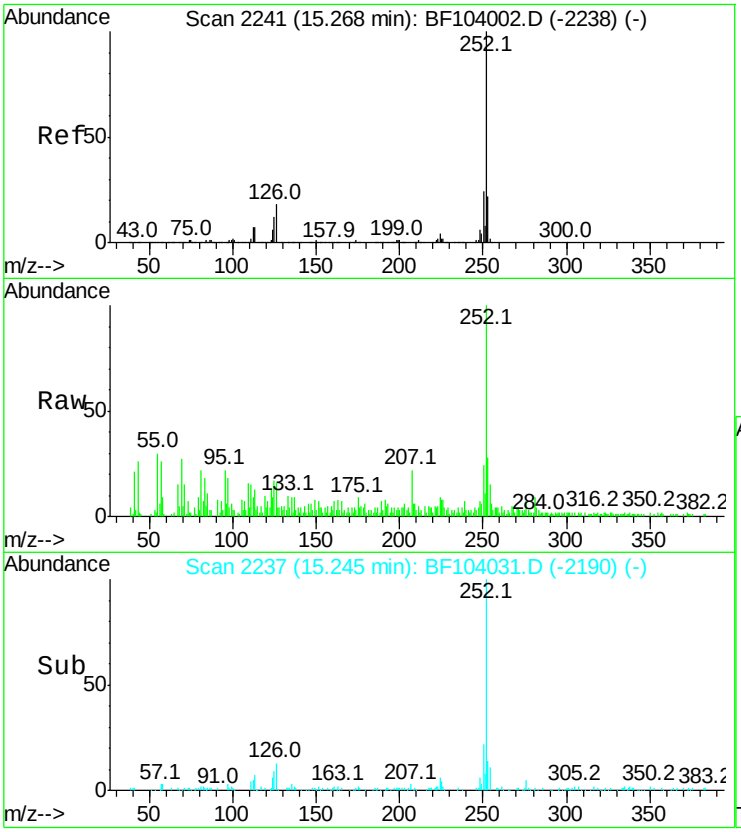


#87
Benzo(b)fluoranthene
Concen: 6.442 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Tgt Ion:252 Resp: 67443

Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.0	25.6#
125	17.3	9.0	13.6#



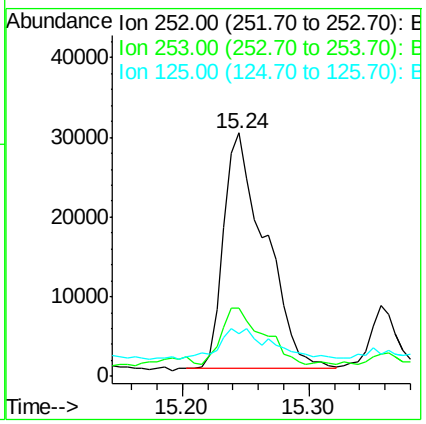


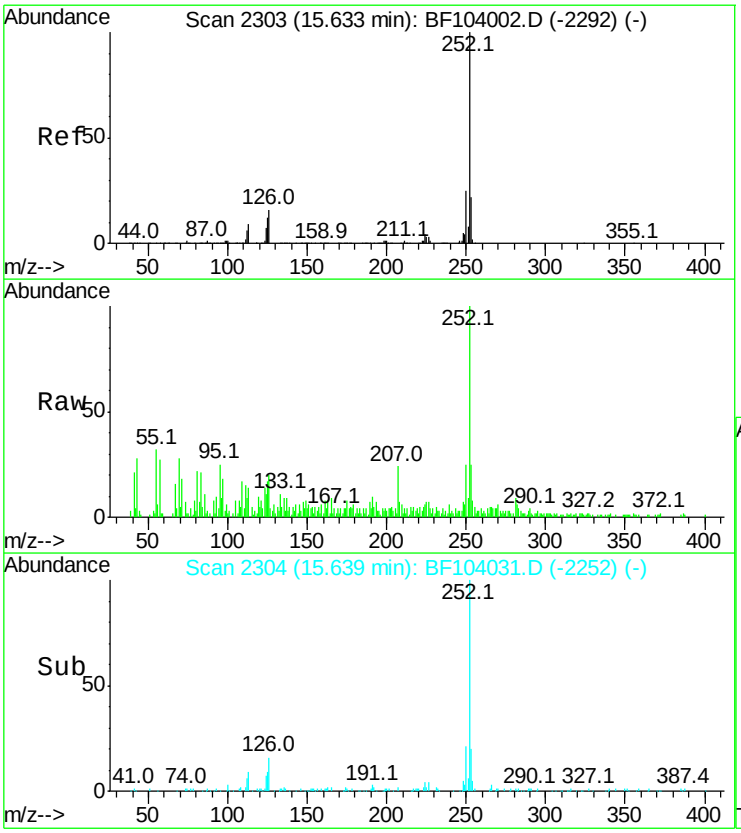
#88
Benzo(k)fluoranthene
Concen: 6.838 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 67443

Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.9	26.9#
125	17.3	10.2	15.2#

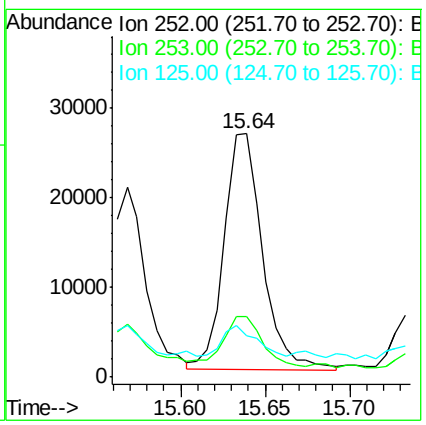


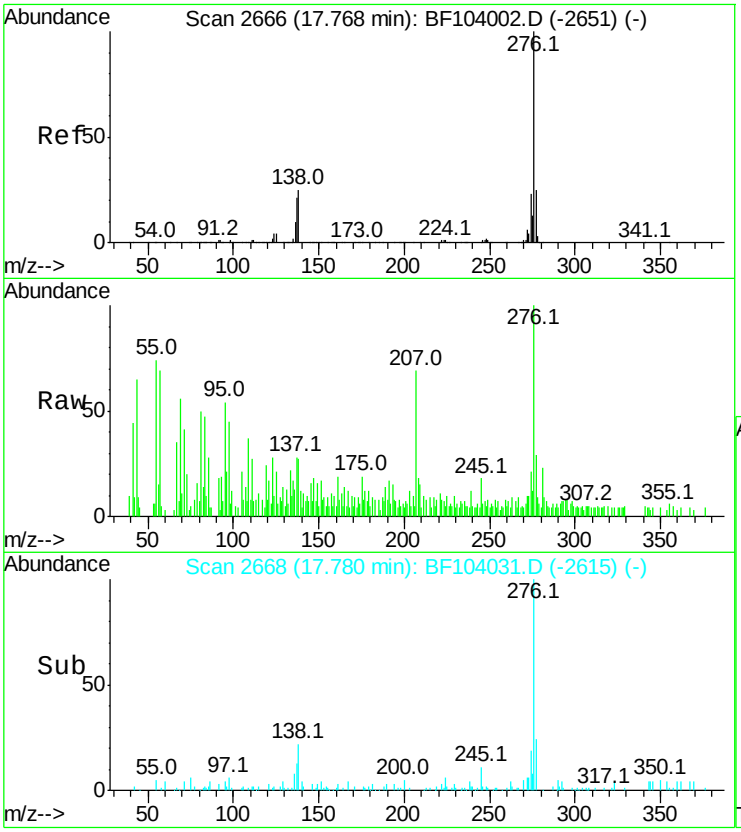


#89
Benzo(a)pyrene
Concen: 4.306 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Tgt Ion:252 Resp: 41780

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	16.9	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.680 ng
RT: 17.78 min Scan# 2668
Delta R.T. 0.01 min
Lab File: BF104031.D
Acq: 29 Mar 2018 00:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 24078

Ion	Ratio	Lower	Upper
276	100		
277	29.4	17.9	26.9#
138	27.2	21.8	32.8