Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104114.D
Acq On : 31 Mar 2018 00:51
Operator : JU/SJ
Sample : J2142-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 31 03:49:59 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 30 17:20:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	103750	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	415183	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	175194	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	274627	20.00	ng		0.00
75) Chrysene-d12	14.14	240	222237	20.00	ng		0.00
86) Perylene-d12	15.68	264	186397	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	668029	102.68	ng		0.01
7) Phenol-d6	6.59	99	874097	109.21	ng		0.00
23) Nitrobenzene-d5	7.52	82	509490	75.05	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	182067	93.33	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	890683	80.17	ng		0.00
78) Terphenyl-d14	13.07	244	676327	70.27	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	14537	2.255	ng		84
19) n-Nitroso-di-n-propylamine	7.52	70	59804	12.590	ng	#	73
25) Isophorone	7.52	82	509490	40.722	ng	#	64
49) Dimethylphthalate	9.70	163	86461	6.251	ng		100
56) 2,4-Dinitrotoluene	9.99	165	21851	5.754	ng	#	22
66) 4-Bromophenyl-phenylether	10.79	248	11042	3.758	ng	#	1
70) Phenanthrene	11.52	178	99124	6.667	ng		99
71) Anthracene	11.57	178	31483	2.027	ng		99
74) Fluoranthene	12.71	202	163497	10.345	ng		96
77) Pyrene	12.94	202	141883	8.881	ng		98
80) Benzo(a)anthracene	14.13	228	73315	5.272	ng		97
82) Chrysene	14.17	228	61414	4.509	ng		98
87) Benzo(b)fluoranthene	15.22	252	92593	8.162	ng	#	95
88) Benzo(k)fluoranthene	15.22	252	92593	8.665	ng		98
89) Benzo(a)pyrene	15.62	252	47208	4.491	ng		96
91) Benzo(g,h,i)perylene	17.74	276	21845	2.244	ng	#	93

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

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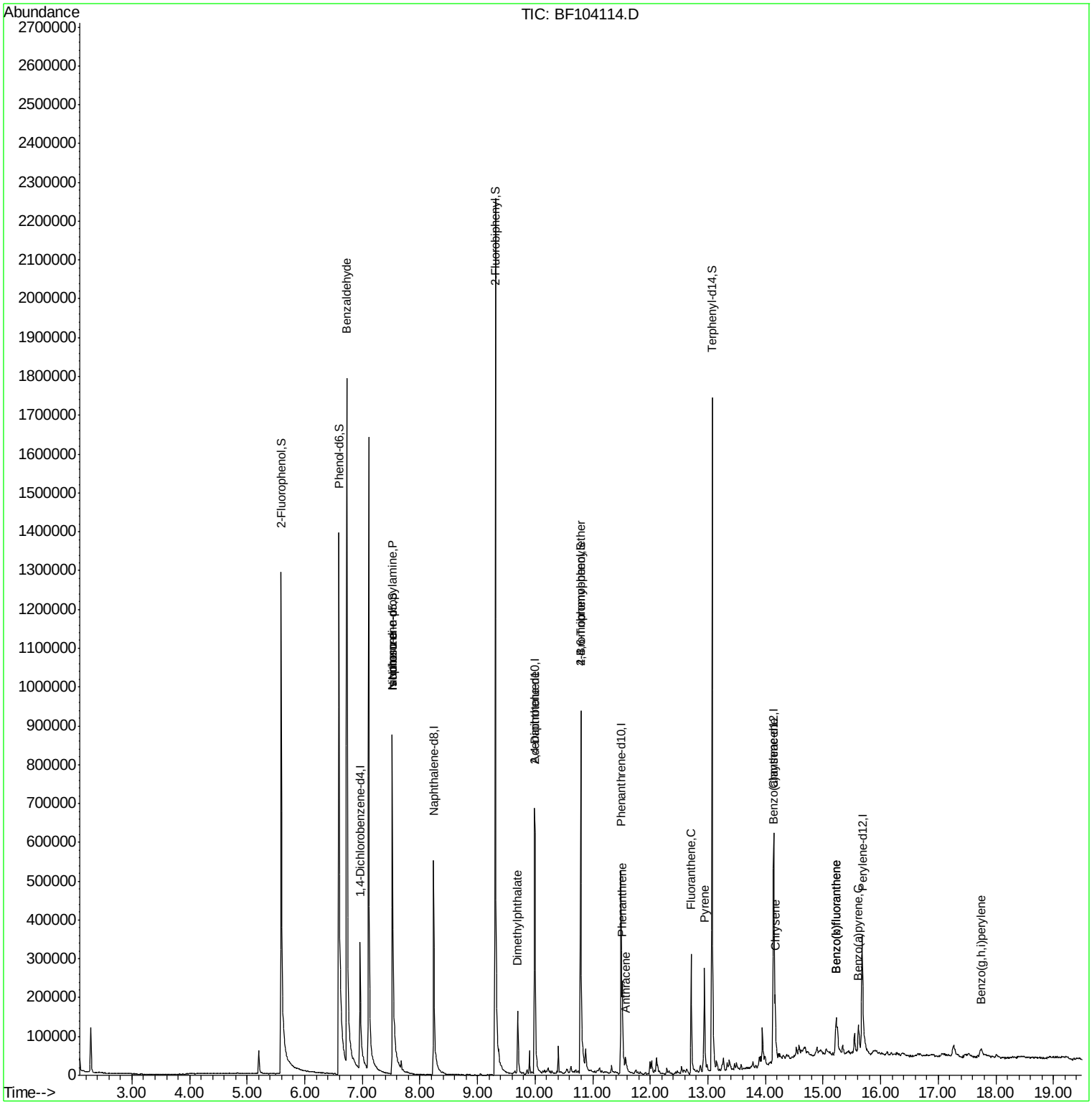
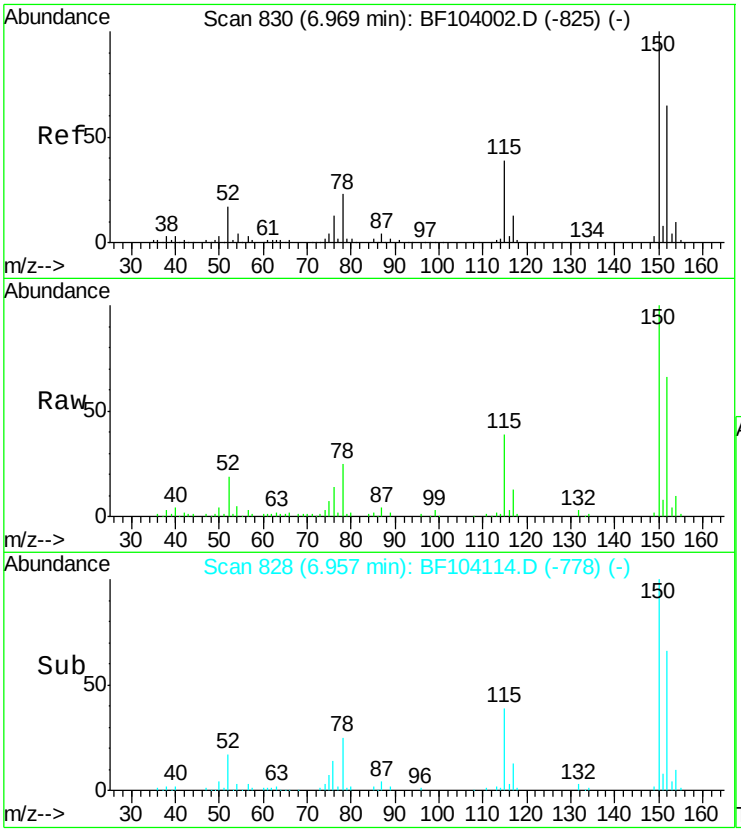


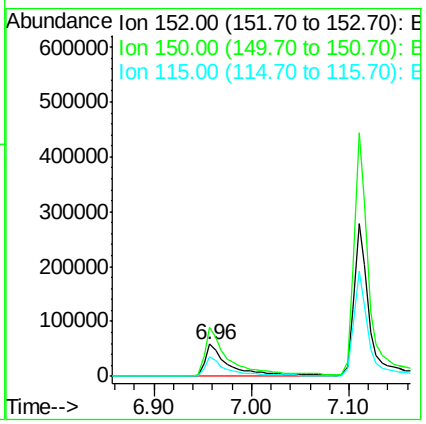


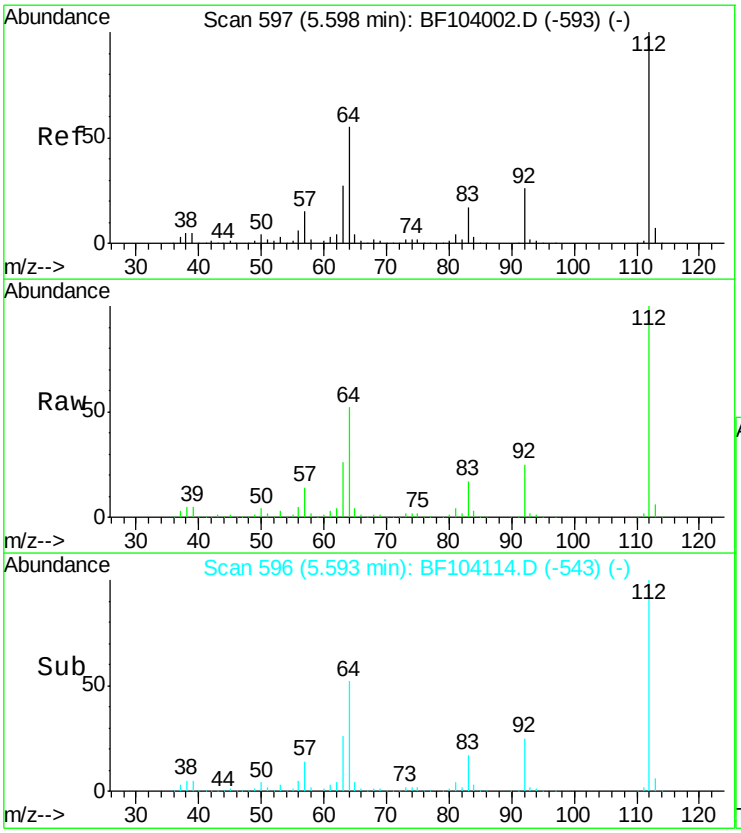
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 103750

Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.6	186.8
115	59.9	50.1	75.1

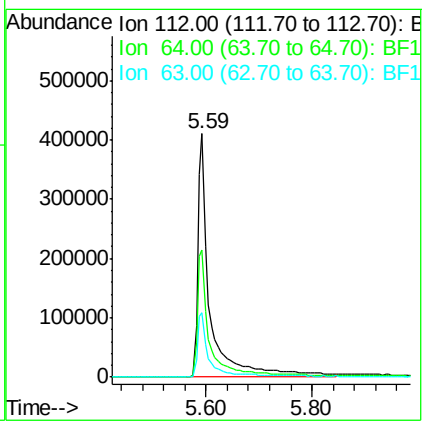


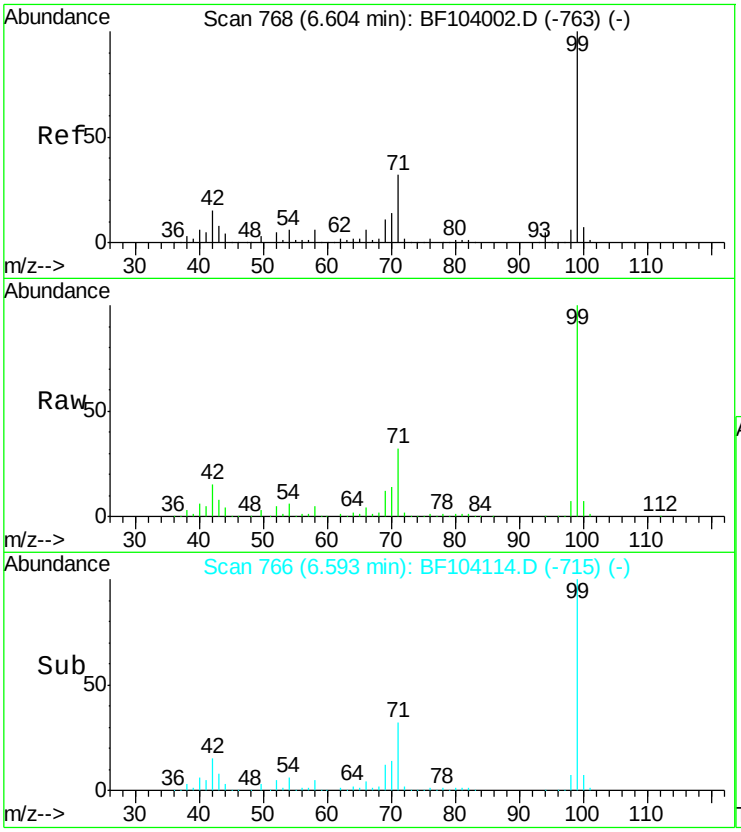


#5
2-Fluorophenol
Concen: 102.683 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion:112 Resp: 668029

Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	26.4	23.7	35.5



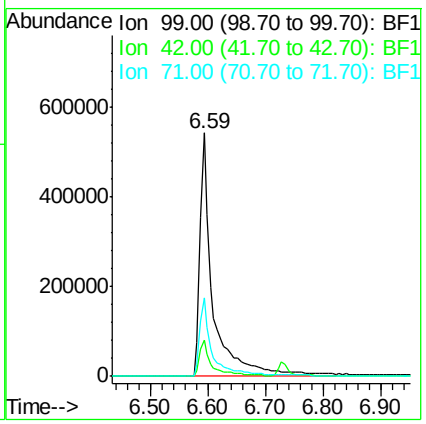


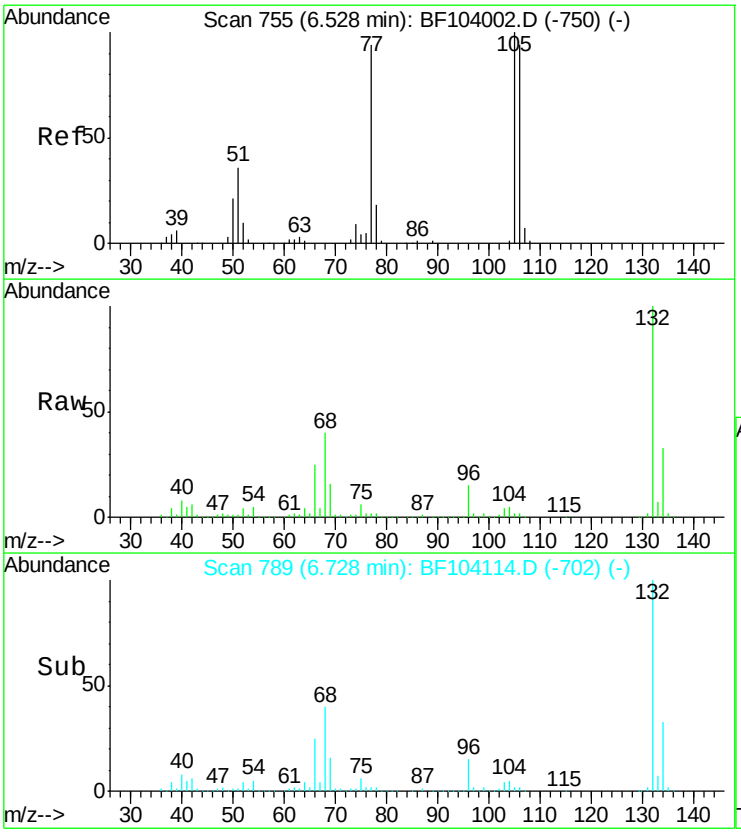
#7
Phenol-d6
Concen: 109.207 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 874097

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	32.3	25.4	38.0

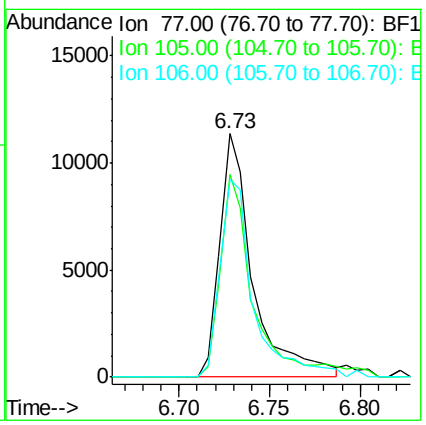


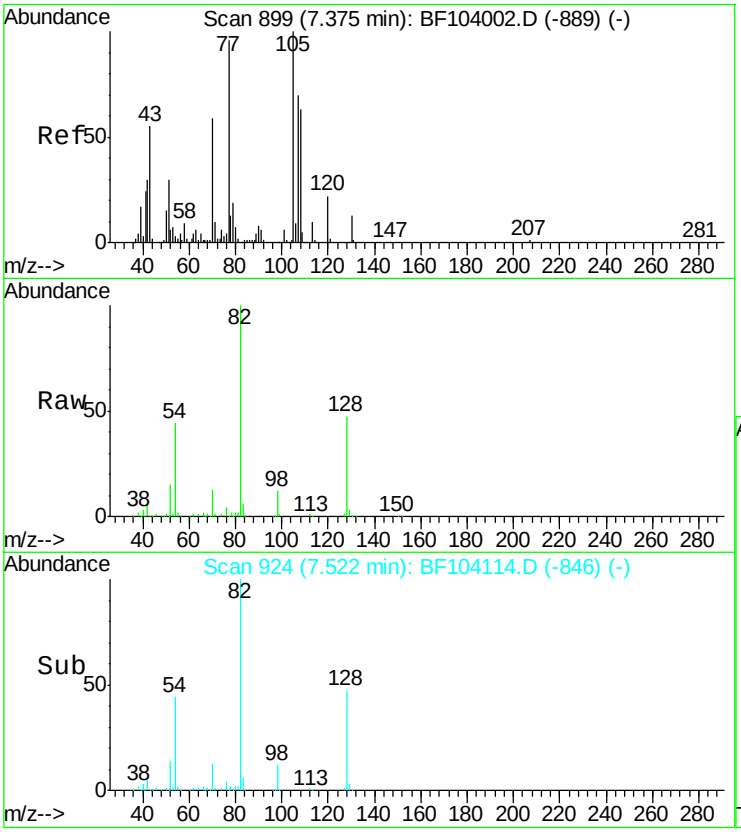


#9
Benzaldehyde
Concen: 2.255 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.21 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion: 77 Resp: 14537

Ion	Ratio	Lower	Upper
77	100		
105	83.1	81.1	121.1
106	81.2	74.5	114.5



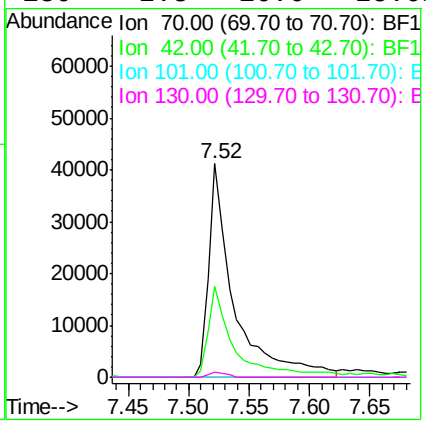


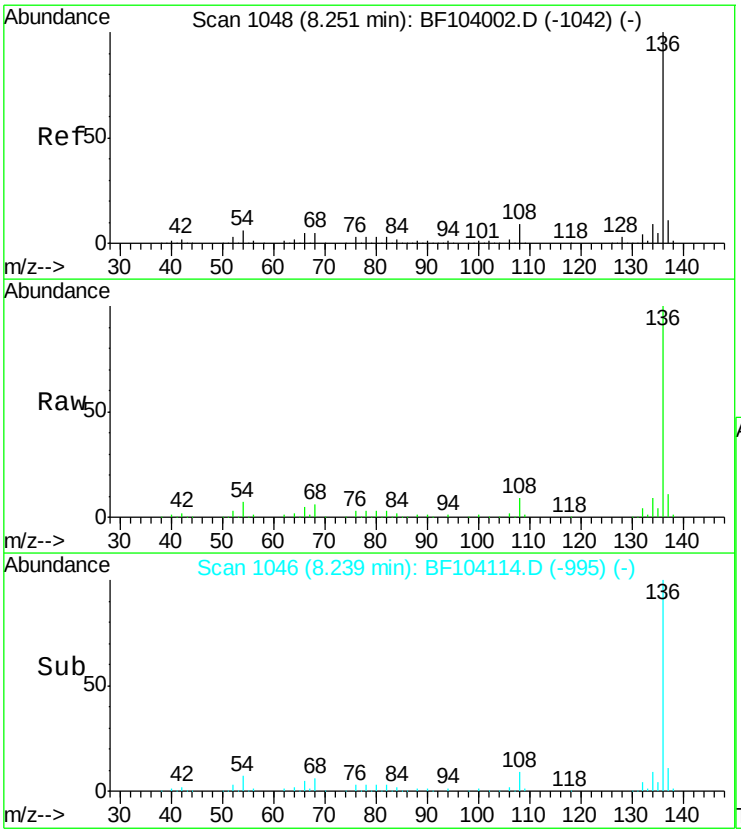
#19
n-Nitroso-di-n-propylamine
Concen: 12.590 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 59804

Ion	Ratio	Lower	Upper
70	100		
42	42.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

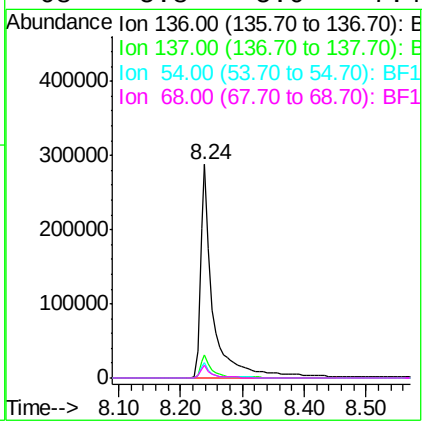


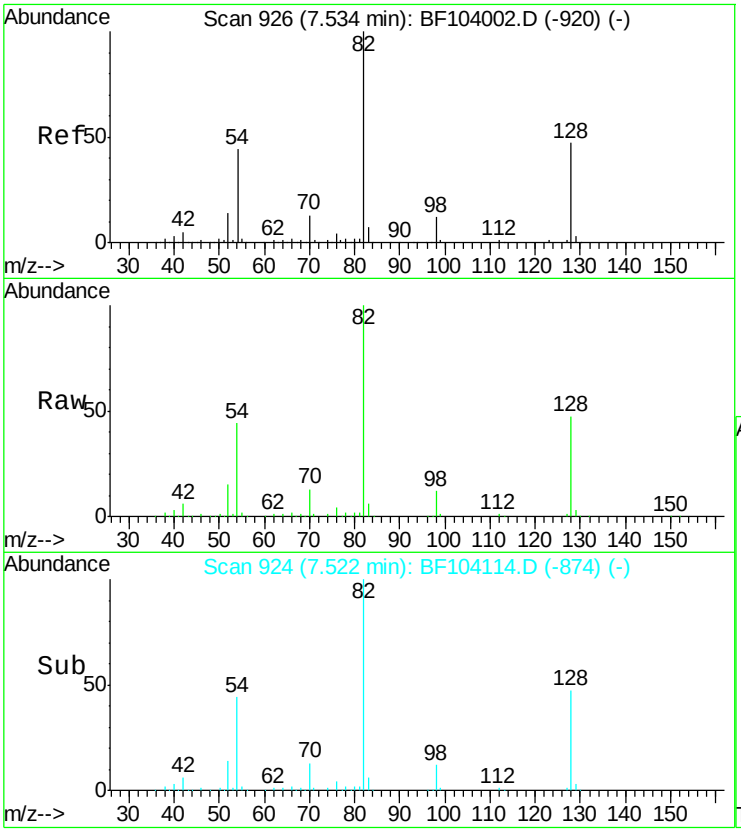


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion:136 Resp: 415183

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.1	6.6	9.8
68	5.8	5.0	7.4



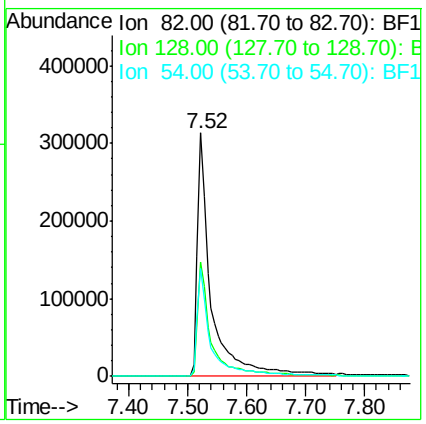


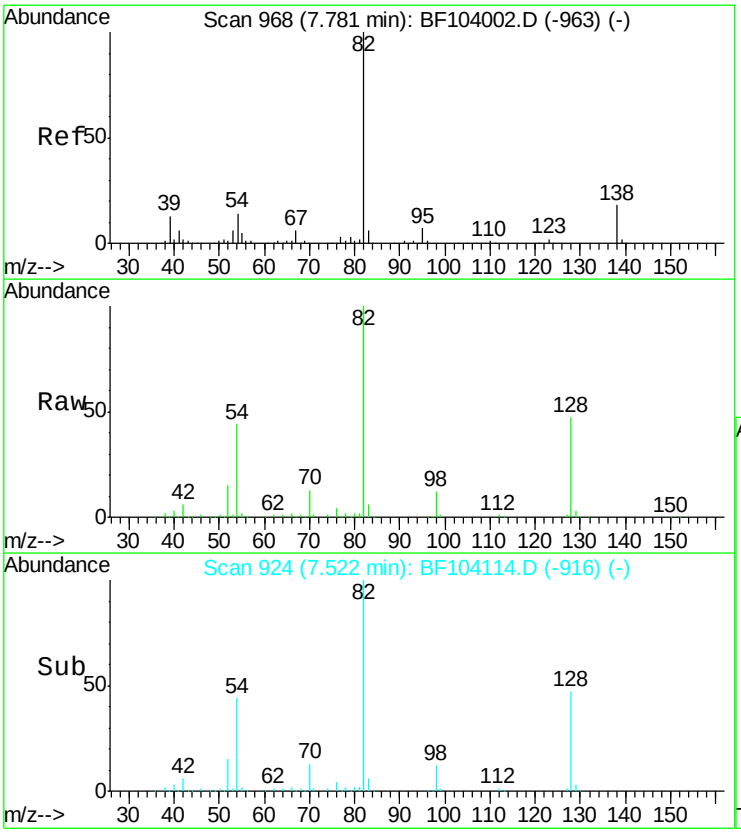
#23
Nitrobenzene-d5
Concen: 75.047 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 509490

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	44.2	41.4	62.2

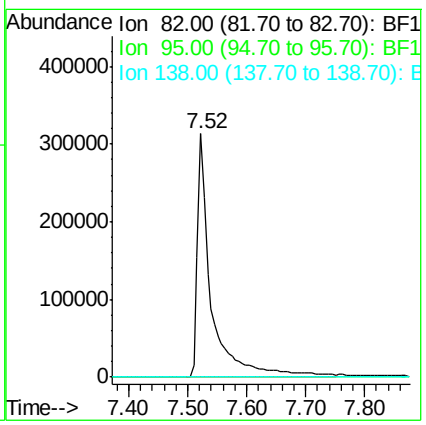


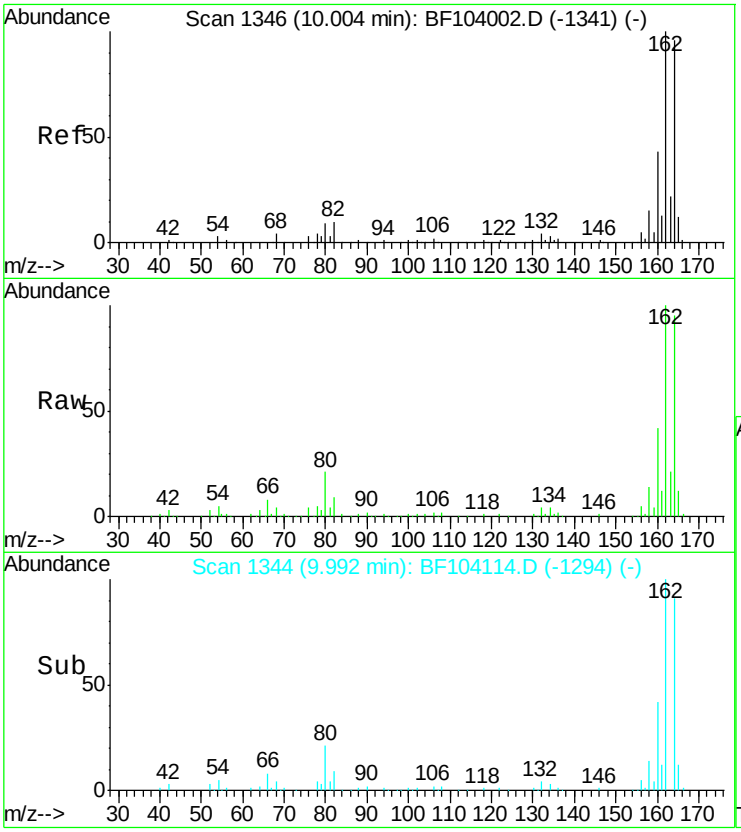


#25
Isophorone
Concen: 40.722 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion: 82 Resp: 509490

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



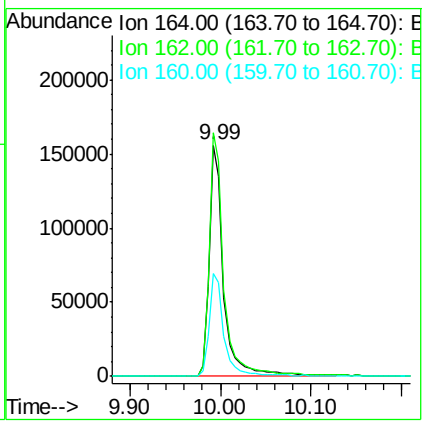


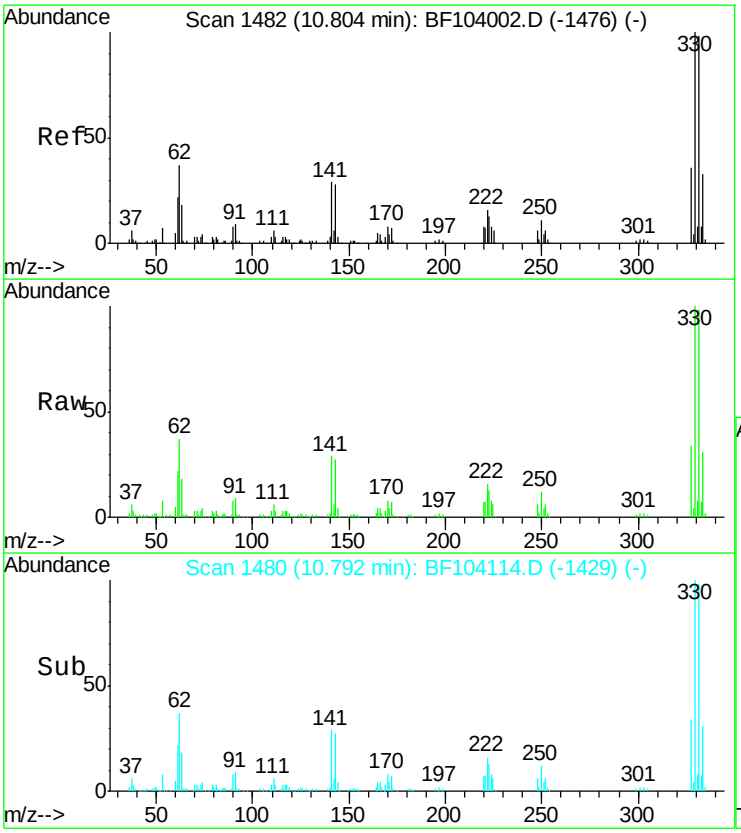
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 175194

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	44.3	38.3	57.5

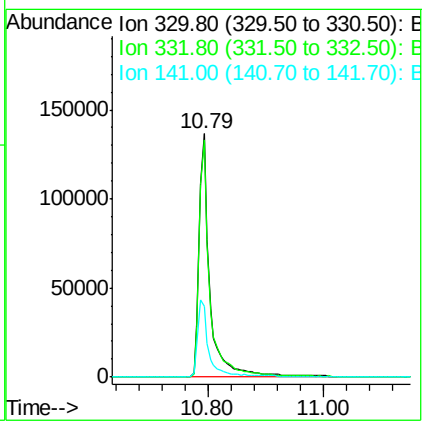


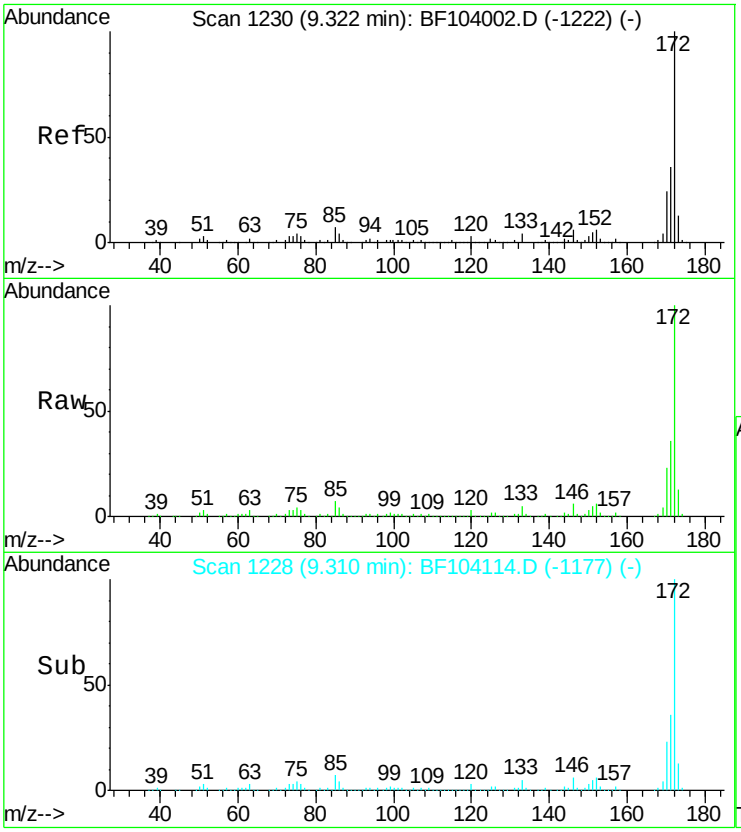


#41
2,4,6-Tribromophenol
Concen: 93.330 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion:330 Resp: 182067

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	31.8	29.9	44.9



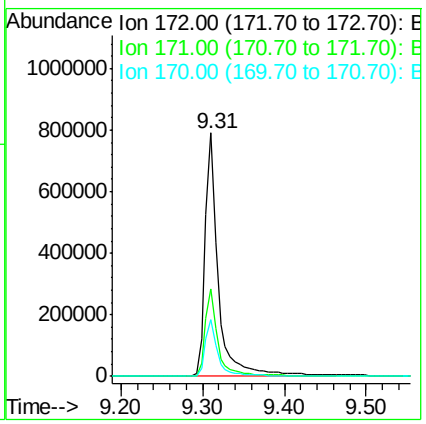


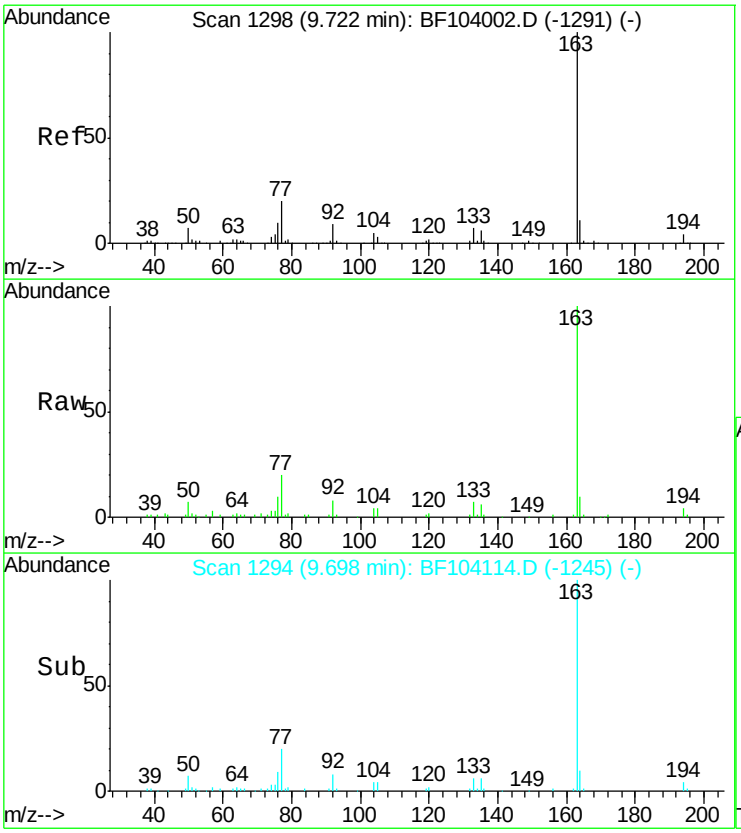
#44
2-Fluorobiphenyl
Concen: 80.170 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 890683

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.2	19.6	29.4

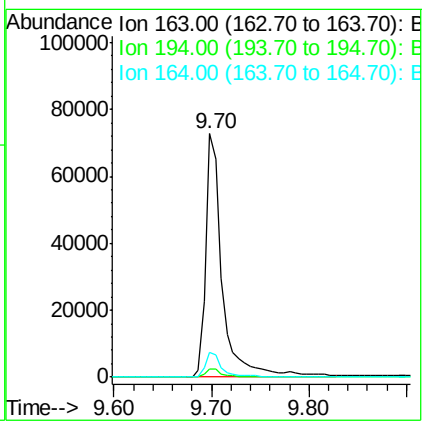


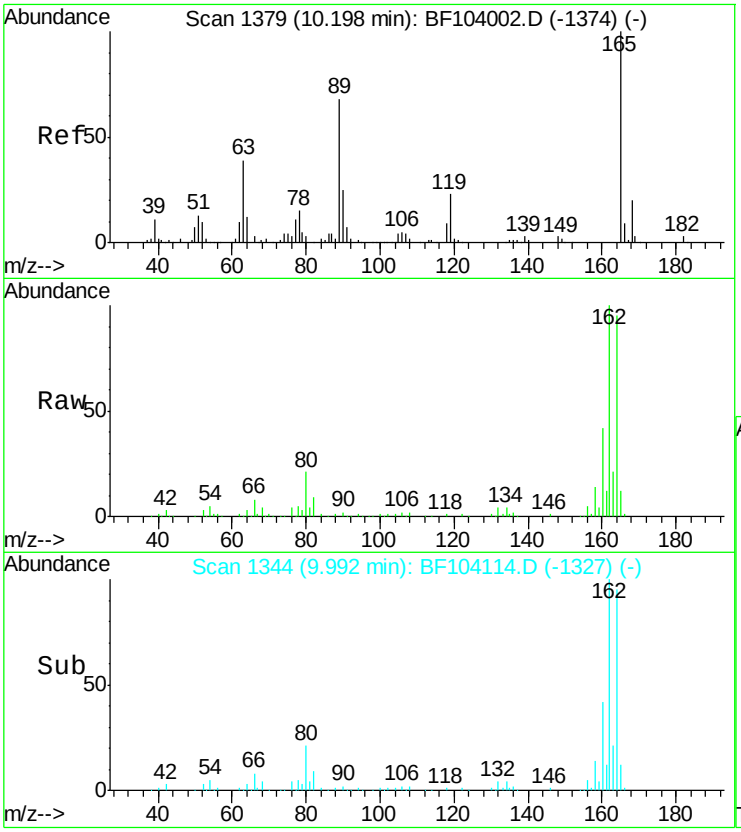


#49
Dimethylphthalate
Concen: 6.251 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion:163 Resp: 86461

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.3	8.2	12.2



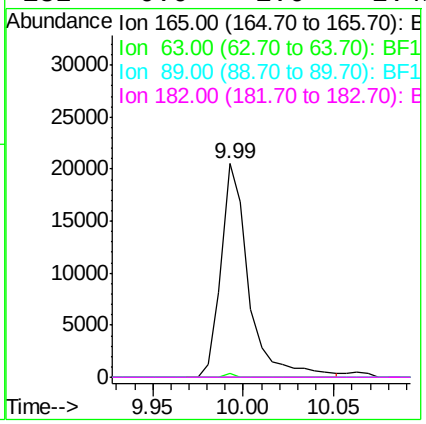


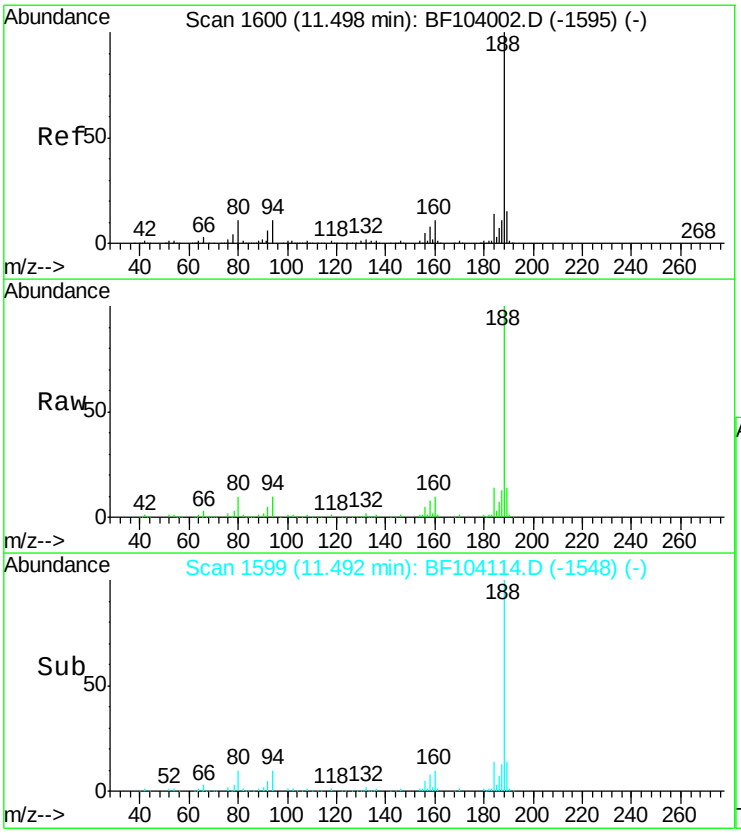
#56
2,4-Dinitrotoluene
Concen: 5.754 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21851

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

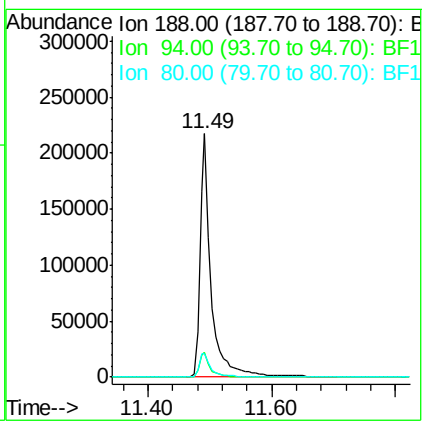


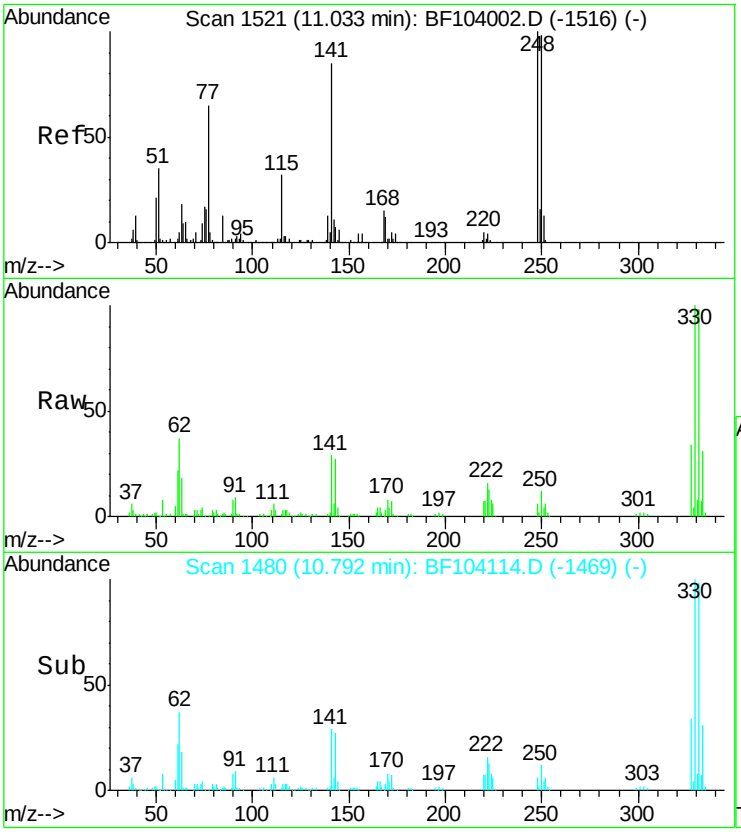


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion:188 Resp: 274627

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	9.7	9.2	13.8



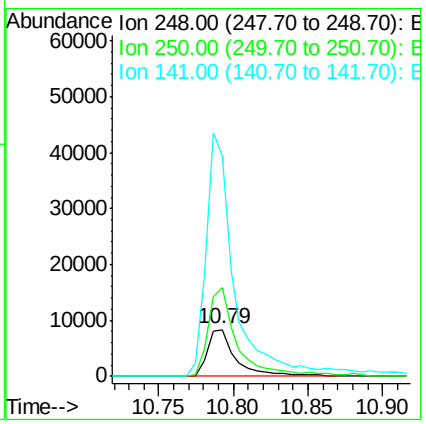


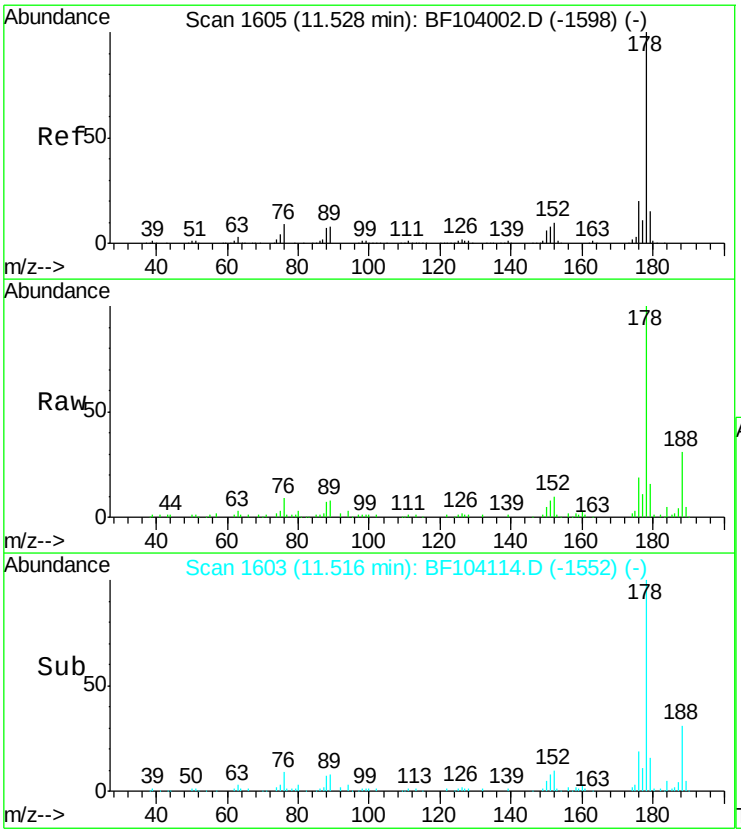
#66
4-Bromophenyl-phenylether
Concen: 3.758 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11042

Ion	Ratio	Lower	Upper
248	100		
250	188.1	76.9	115.3#
141	469.5	74.4	111.6#

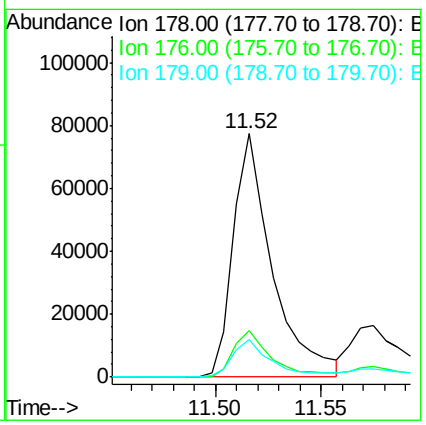


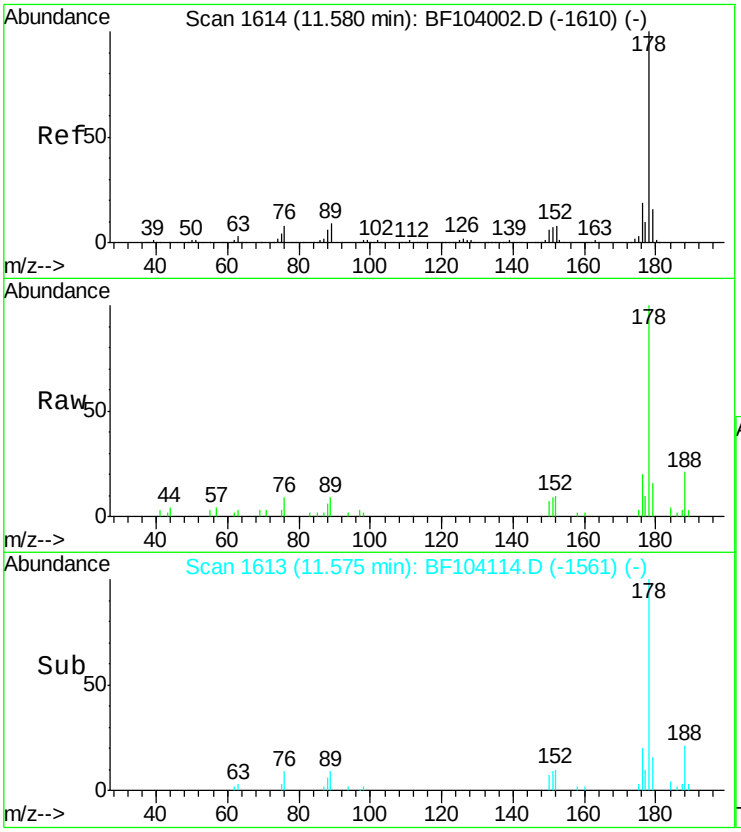


#70
Phenanthrene
Concen: 6.667 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion:178 Resp: 99124

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.6	13.0	19.6



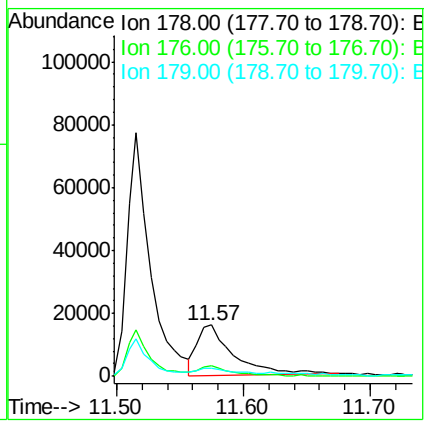


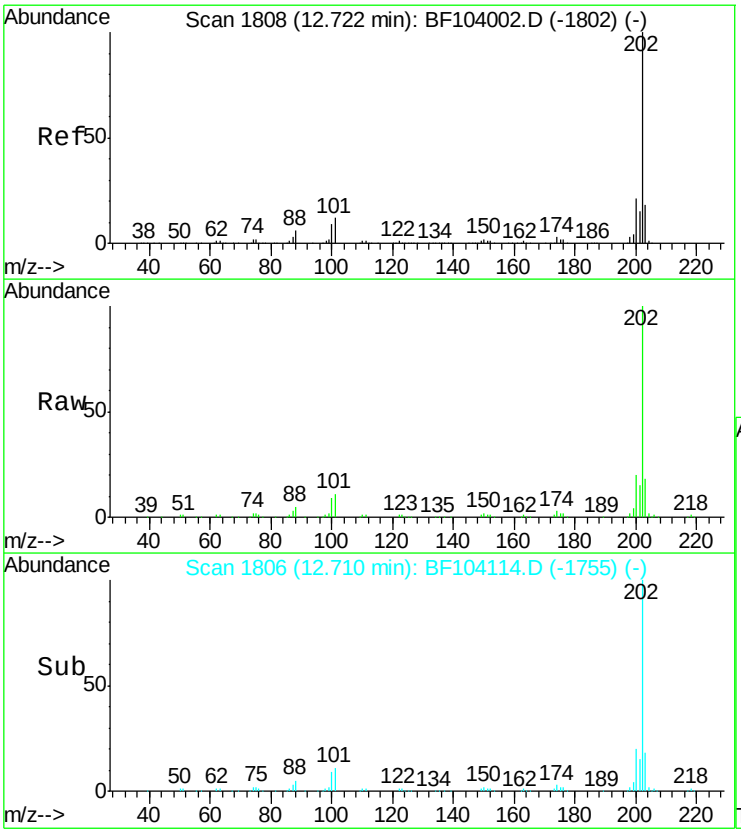
#71
Anthracene
Concen: 2.027 ng
RT: 11.57 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 31483

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.3	12.6	19.0

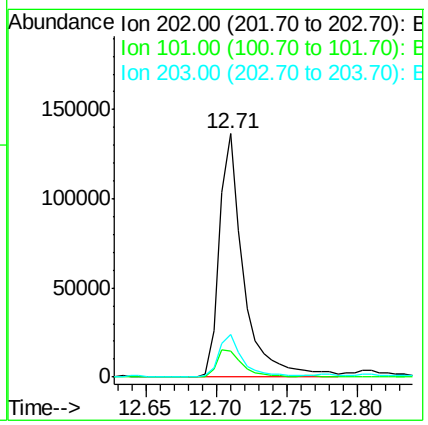


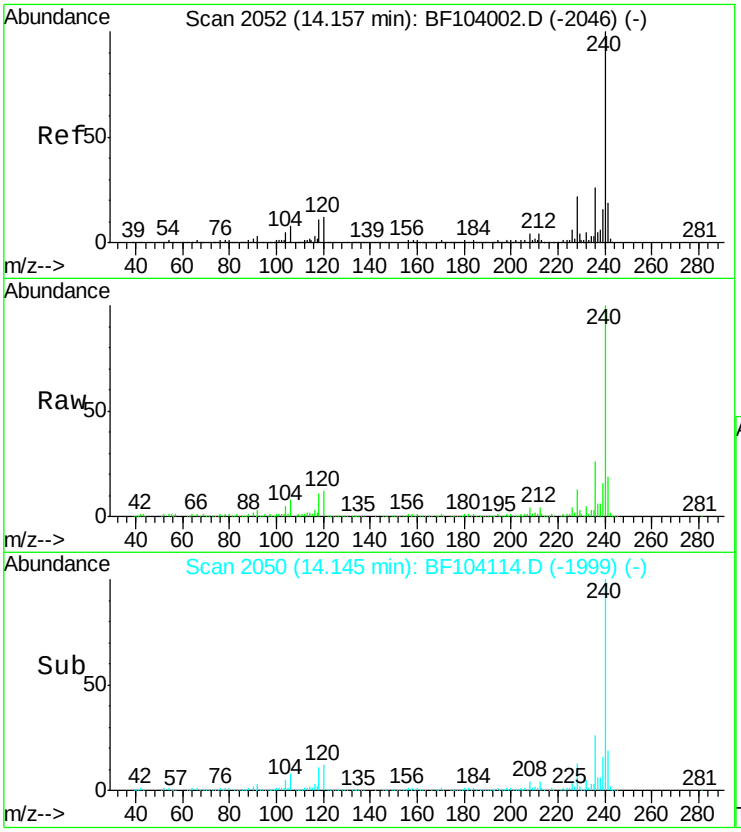


#74
Fluoranthene
Concen: 10.345 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion:202 Resp: 163497

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.1
203	17.6	0.0	38.1



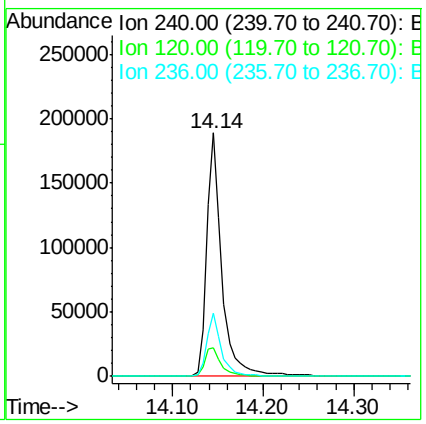


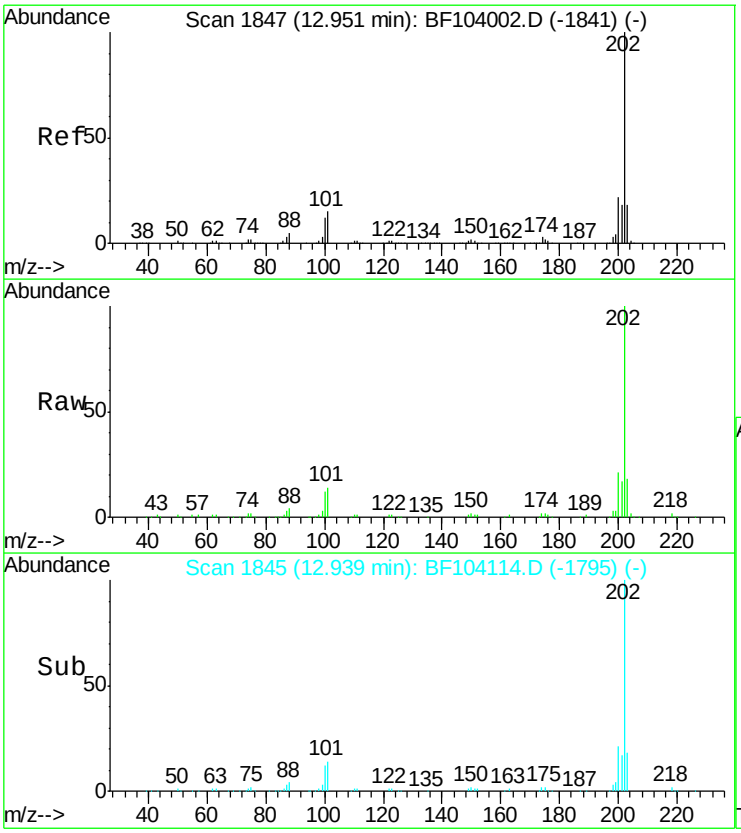
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 222237

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.8	20.7	31.1

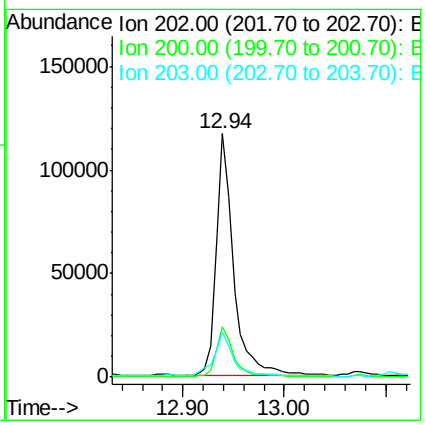


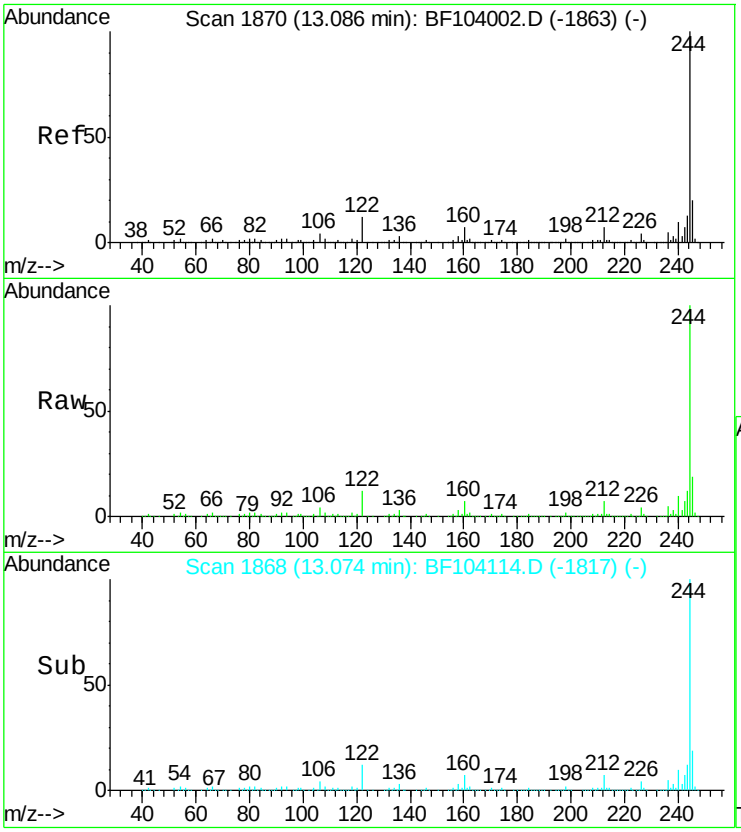


#77
Pyrene
Concen: 8.881 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion:202 Resp: 141883

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.4	14.3	21.5



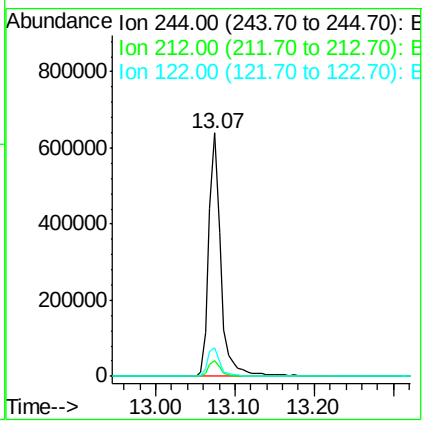


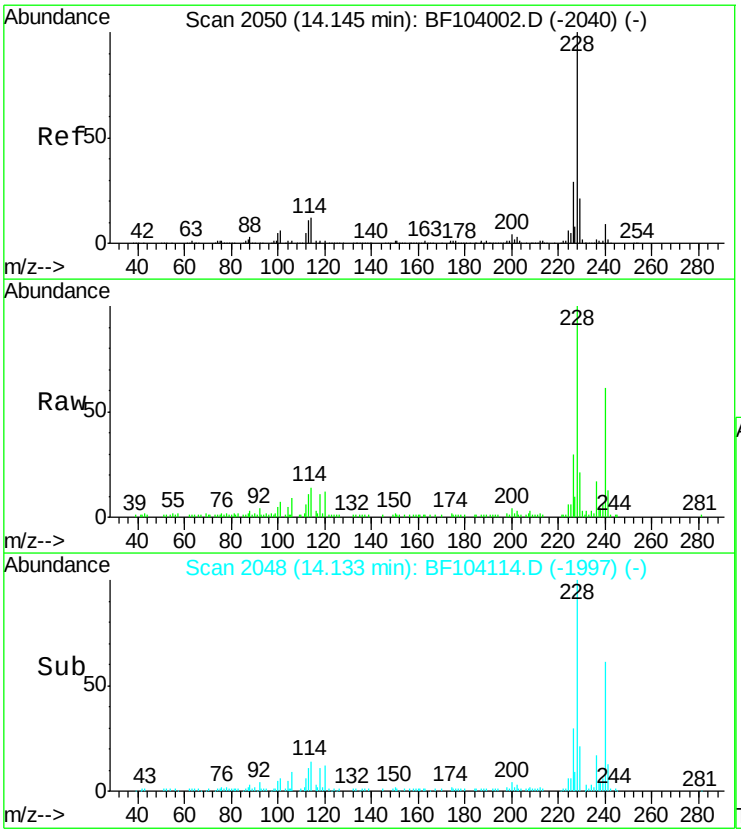
#78
Terphenyl-d14
Concen: 70.268 ng
RT: 13.07 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 676327

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.0	11.0	16.4

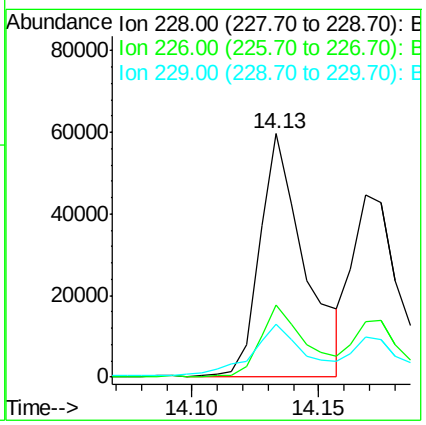


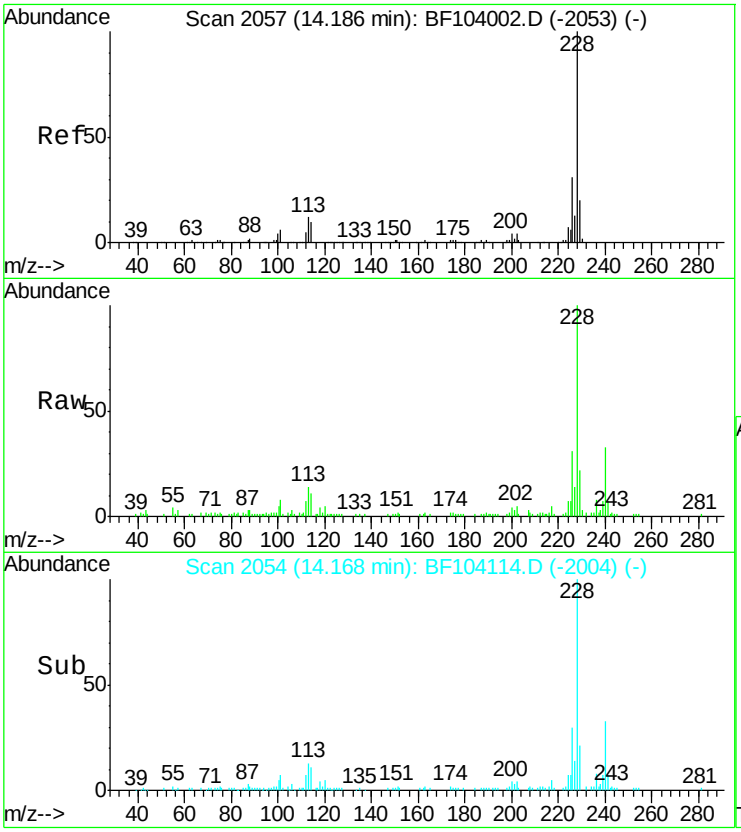


#80
Benzo(a)anthracene
Concen: 5.272 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion:228 Resp: 73315

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	21.5	15.8	23.6



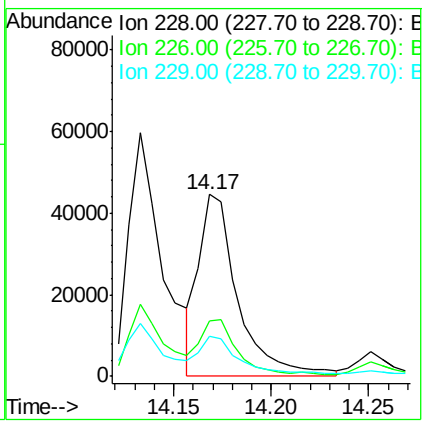


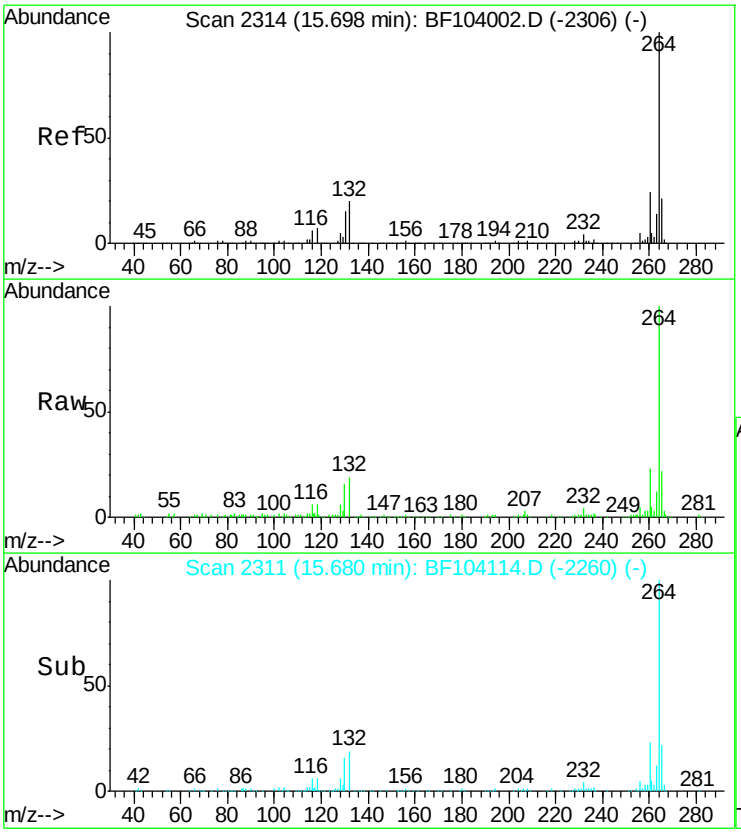
#82
Chrysene
Concen: 4.509 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 61414

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.3	16.2	24.4

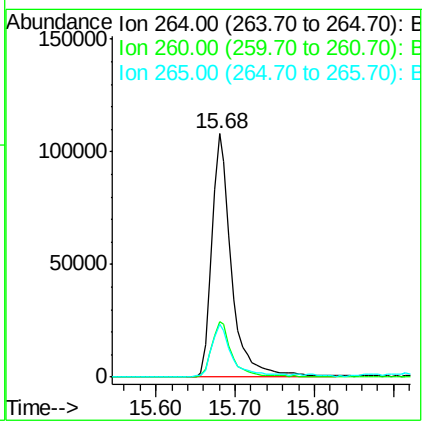


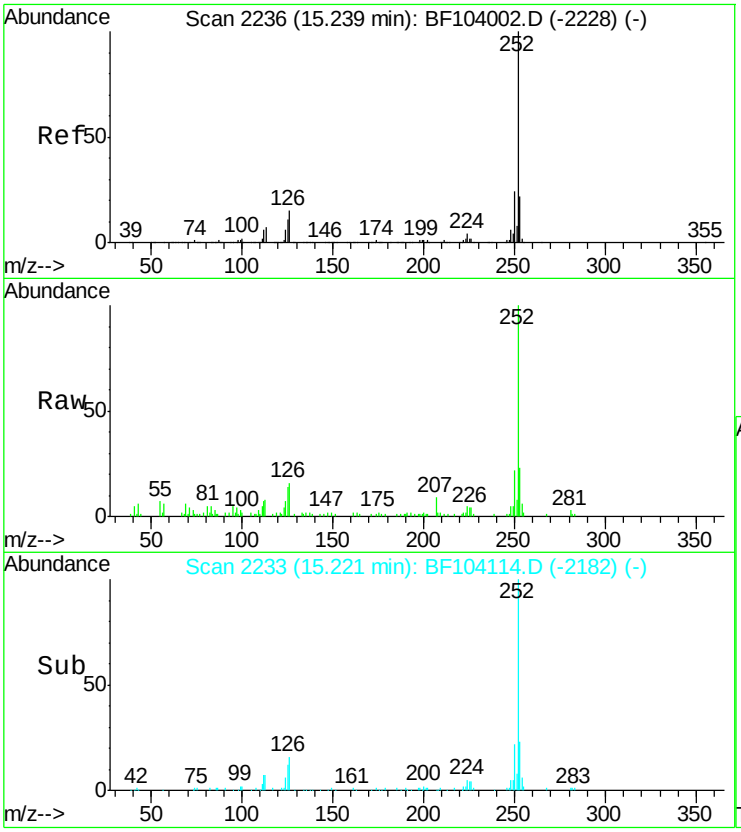


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion:264 Resp: 186397

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.0	17.5	26.3



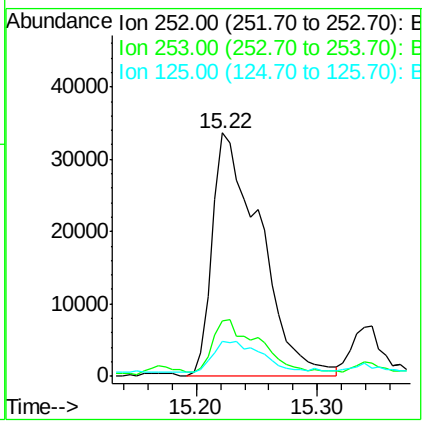


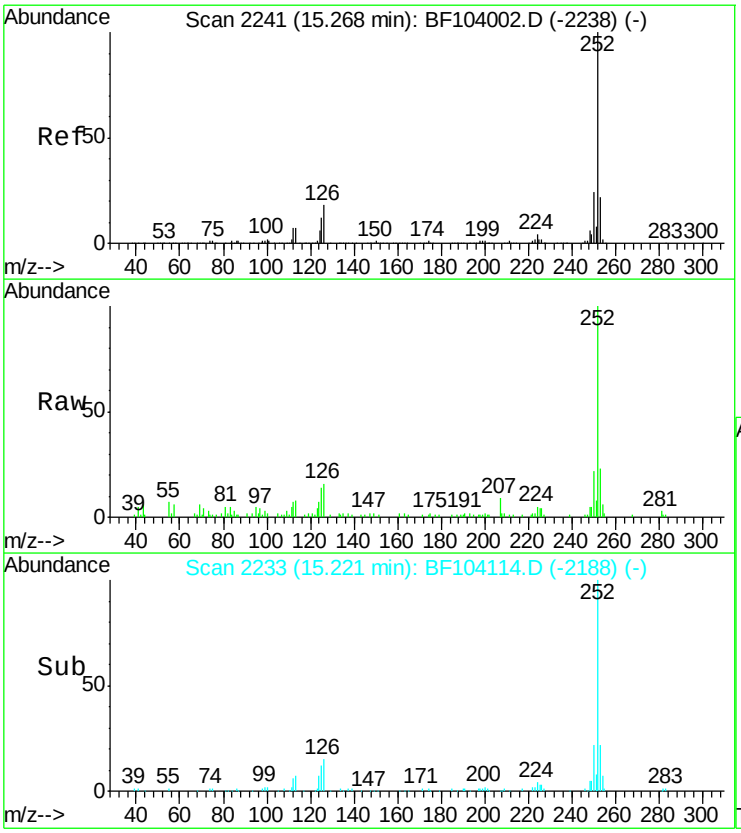
#87
Benzo(b)fluoranthene
Concen: 8.162 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 92593

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	14.2	9.0	13.6#

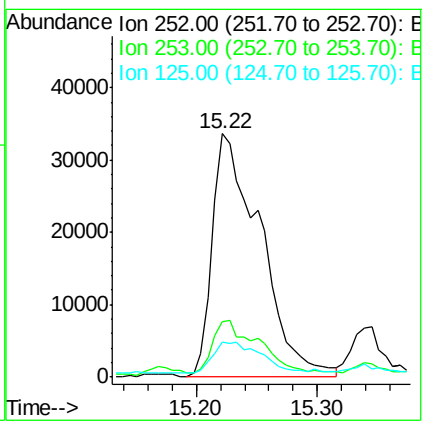


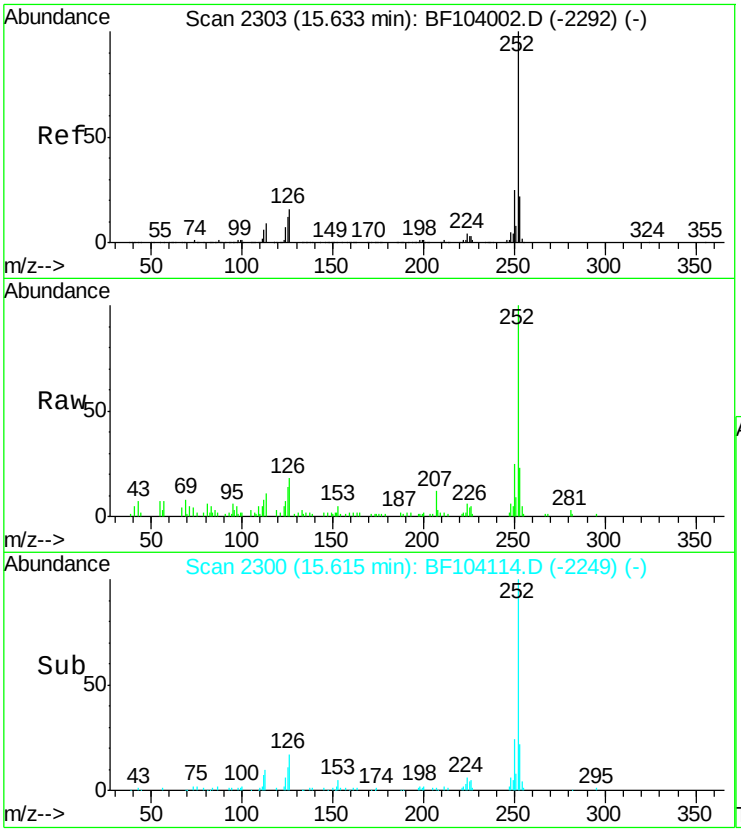


#88
Benzo(k)fluoranthene
Concen: 8.665 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion:252 Resp: 92593

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	14.2	10.2	15.2



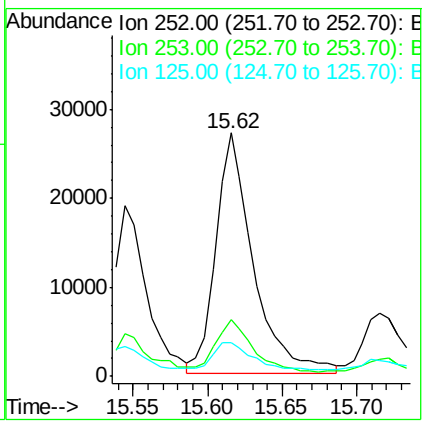


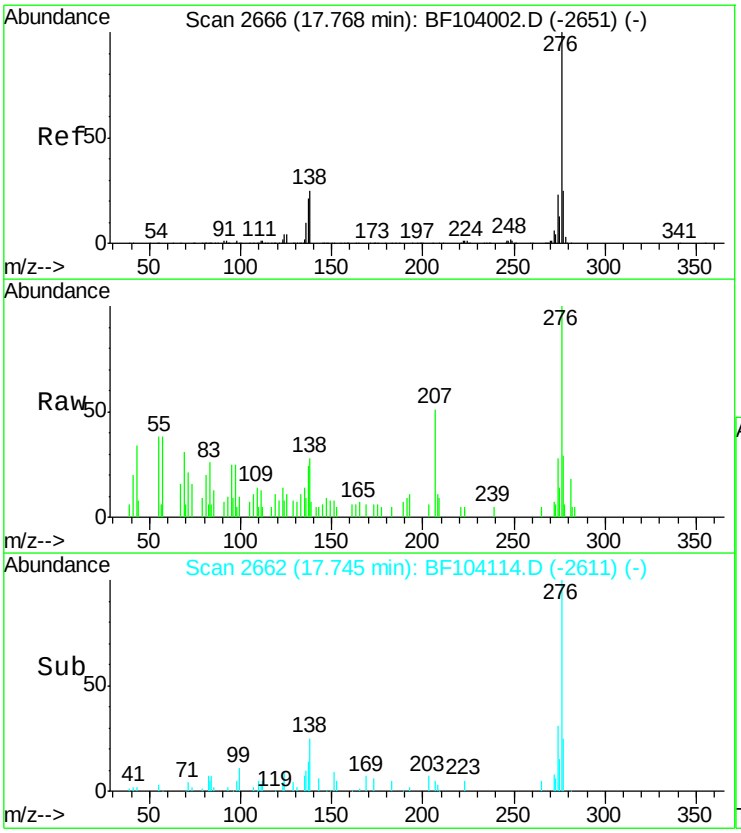
#89
Benzo(a)pyrene
Concen: 4.491 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 47208

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	14.0	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.244 ng
RT: 17.74 min Scan# 2662
Delta R.T. 0.00 min
Lab File: BF104114.D
Acq: 31 Mar 2018 00:51

Tgt Ion:276 Resp: 21845

Ion	Ratio	Lower	Upper
276	100		
277	29.2	17.9	26.9#
138	28.1	21.8	32.8