Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104195.D
Acq On : 3 Apr 2018 22:23
Operator : JU/SJ
Sample : J2182-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 04 01:16:16 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 15:22:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	108159	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	467763	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	225080	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	403666	20.00	ng		0.00
75) Chrysene-d12	14.15	240	246170	20.00	ng		0.00
86) Perylene-d12	15.69	264	223574	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	727233	107.23	ng		0.00
7) Phenol-d6	6.59	99	972324	116.53	ng		0.00
23) Nitrobenzene-d5	7.52	82	592865	77.51	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	251075	100.18	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1040960	72.93	ng		0.00
78) Terphenyl-d14	13.08	244	903132	84.71	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	14638	2.160	ng		84
10) Phenol	6.60	94	44887	4.855	ng	#	57
19) n-Nitroso-di-n-propylamine	7.52	70	70033	14.143	ng	#	73
25) Isophorone	7.52	82	592865	42.059	ng	#	64
49) Dimethylphthalate	9.70	163	120575	6.785	ng		100
51) Acenaphthene	10.03	154	31587	2.365	ng		94
53) 2,4-Dinitrophenol	10.36	184	118	5.638	ng	#	65
57) Fluorene	10.55	166	36839	2.290	ng	#	95
66) 4-Bromophenyl-phenylether	10.79	248	15595	3.611	ng	#	1
70) Phenanthrene	11.52	178	520773	23.829	ng		99
71) Anthracene	11.57	178	172616	7.562	ng		98
72) Carbazole	11.74	167	59411	2.727	ng		95
73) Di-n-butylphthalate	12.03	149	136967	5.278	ng		99
74) Fluoranthene	12.72	202	753125	32.419	ng		98
77) Pyrene	12.94	202	682553	38.571	ng		99
80) Benzo(a)anthracene	14.14	228	326410	21.191	ng		97
82) Chrysene	14.18	228	284620	18.866	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	134641	8.612	ng	#	92
87) Benzo(b)fluoranthene	15.23	252	411146	30.217	ng		97
88) Benzo(k)fluoranthene	15.23	252	411146	32.077	ng		100
89) Benzo(a)pyrene	15.63	252	223478	17.724	ng		96
90) Dibenzo(a,h)anthracene	17.47	278	23607	2.025	ng		96
91) Benzo(g,h,i)perylene	17.77	276	136179	11.662	ng		96

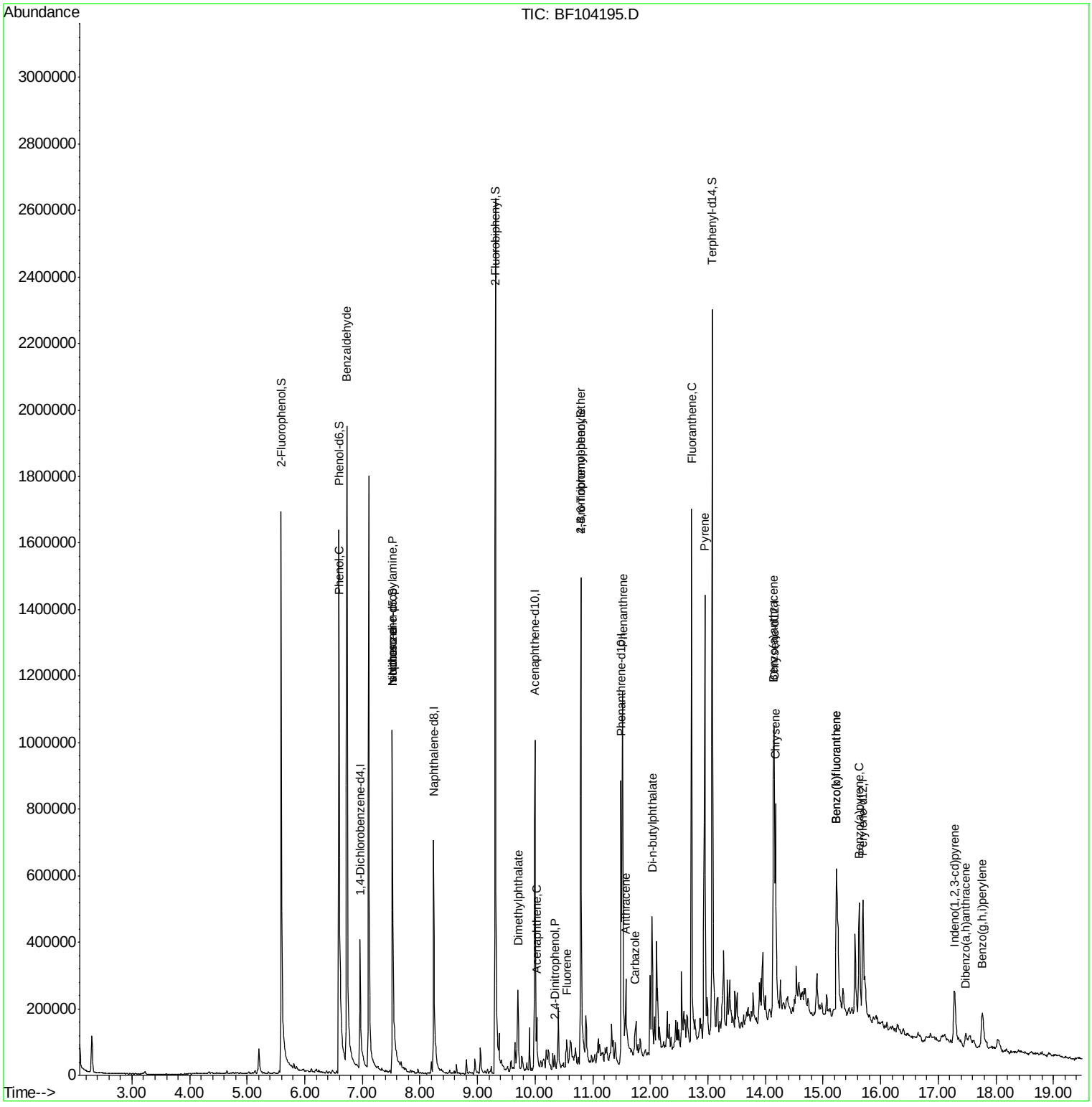
(#) = qualifier out of range (m) = manual integration (+) = signals summed

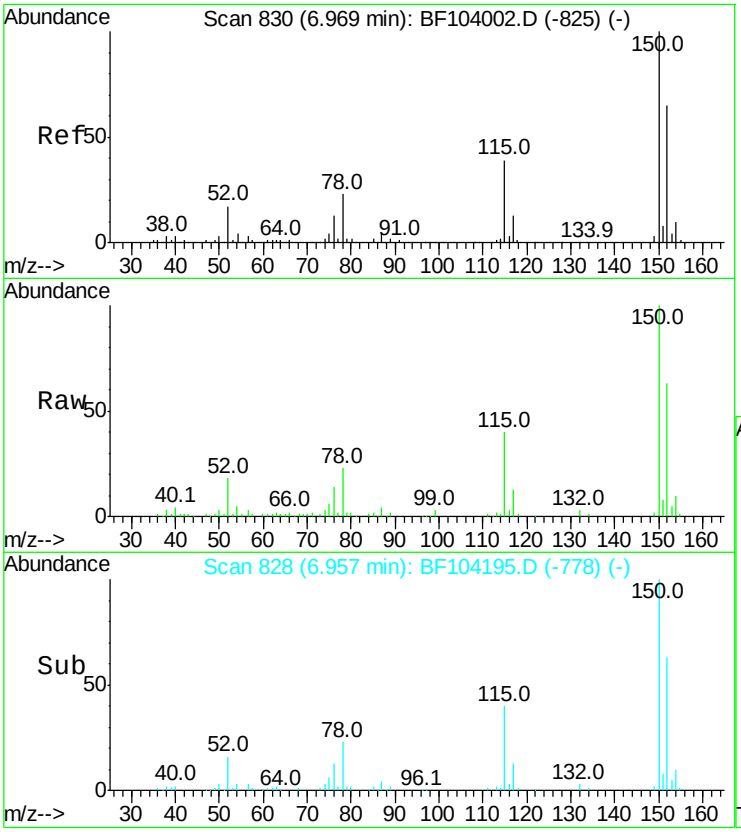
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104195.D
Acq On : 3 Apr 2018 22:23
Operator : JU/SJ
Sample : J2182-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 04 01:16:16 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 15:22:43 2018
Response via : Initial Calibration



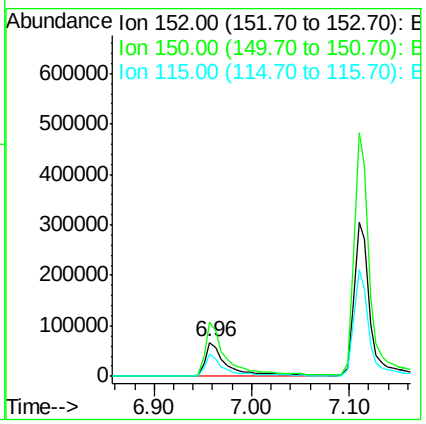


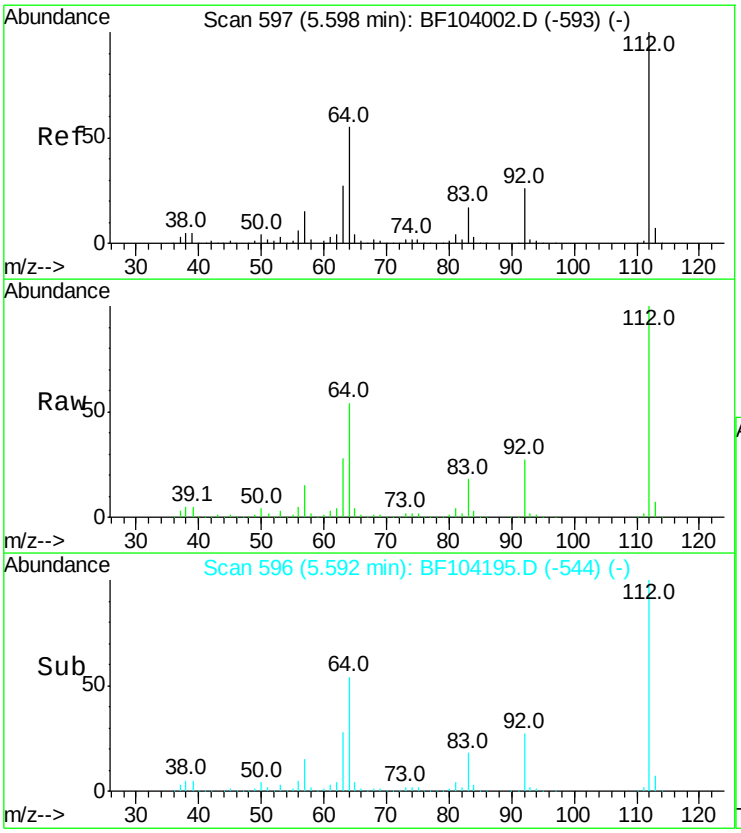
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 108159

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	64.4	50.1	75.1

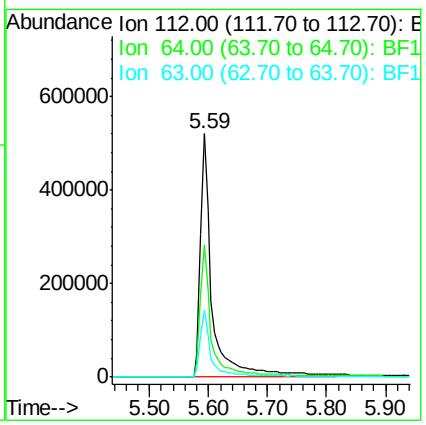


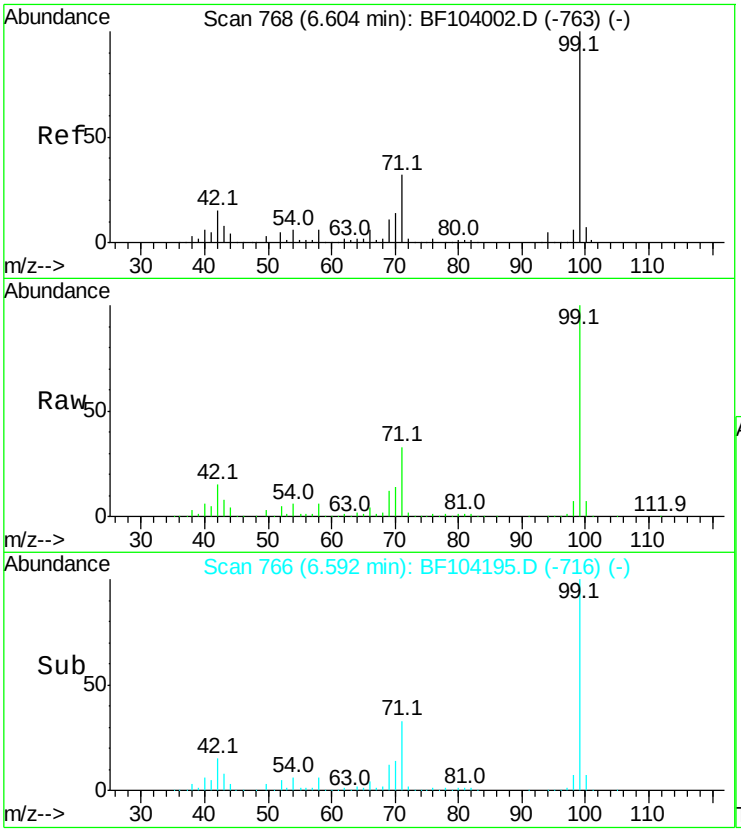


#5
2-Fluorophenol
Concen: 107.227 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Tgt Ion:112 Resp: 727233

Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.9	71.9
63	27.7	23.7	35.5



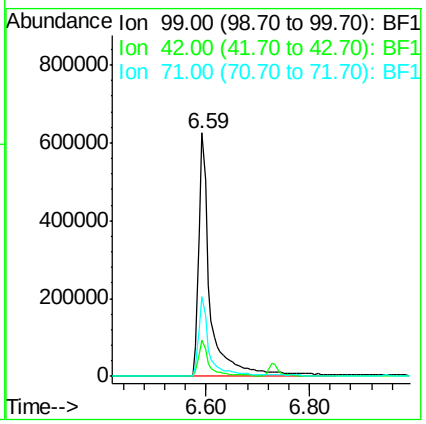


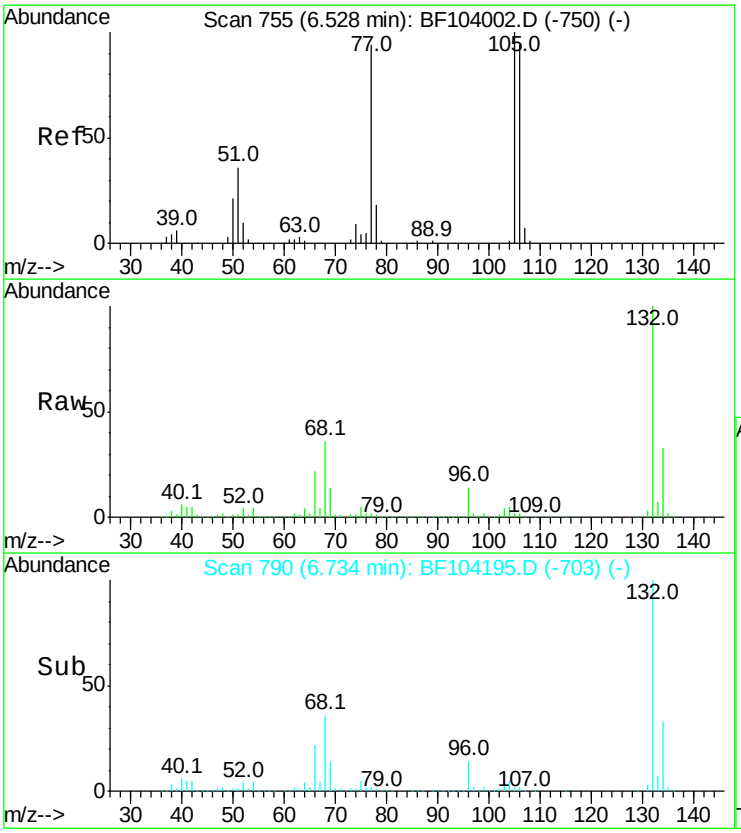
#7
Phenol-d6
Concen: 116.528 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 972324

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.5	21.7
71	32.8	25.4	38.0

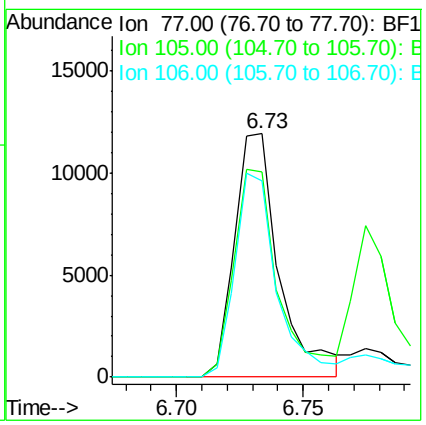


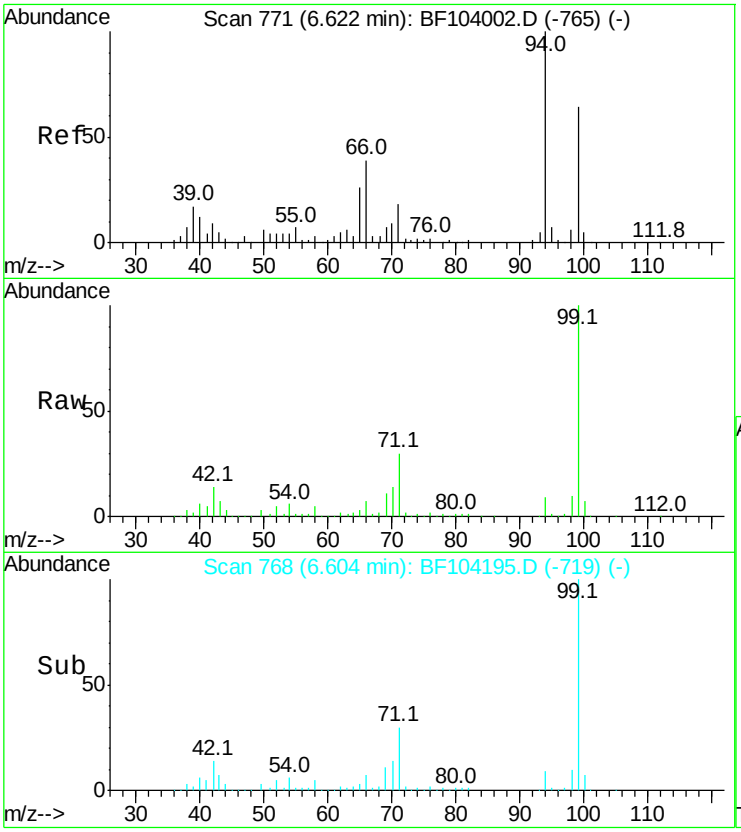


#9
Benzaldehyde
Concen: 2.160 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.21 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Tgt Ion: 77 Resp: 14638

Ion	Ratio	Lower	Upper
77	100		
105	84.1	81.1	121.1
106	80.6	74.5	114.5



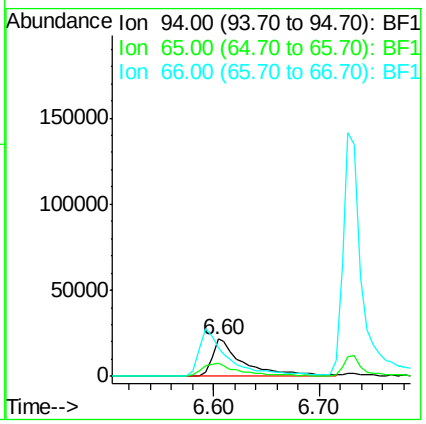


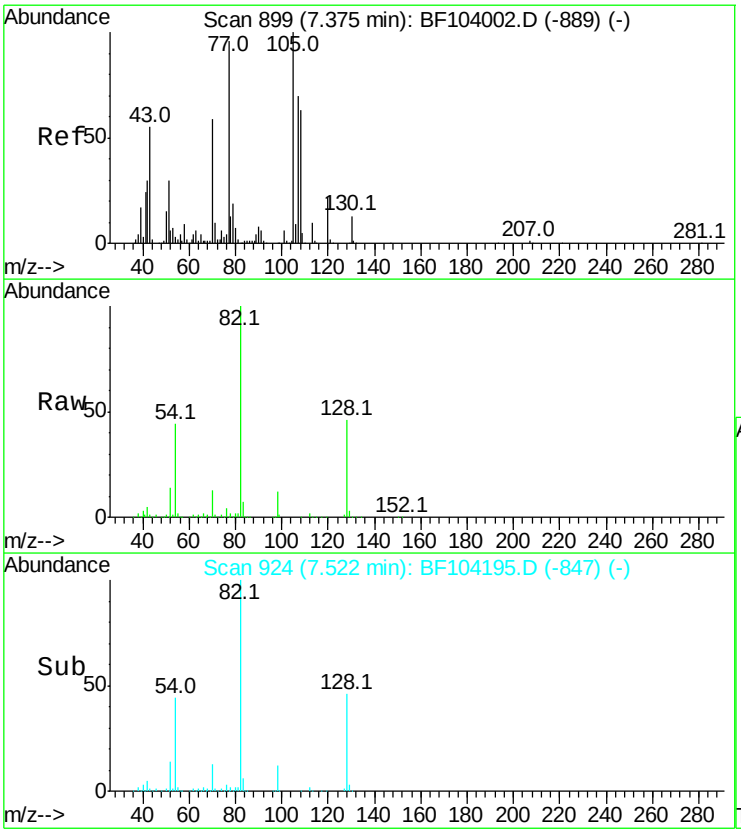
#10
Phenol
Concen: 4.855 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 44887

Ion	Ratio	Lower	Upper
94	100		
65	34.4	7.9	47.9
66	75.9	16.2	56.2#

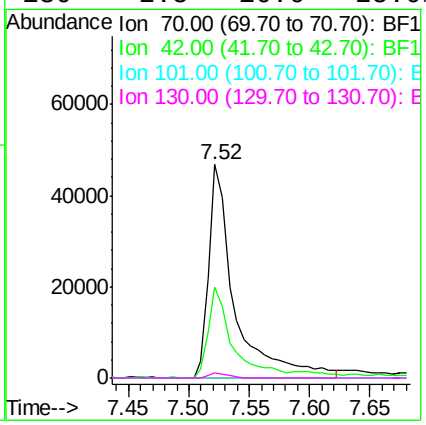


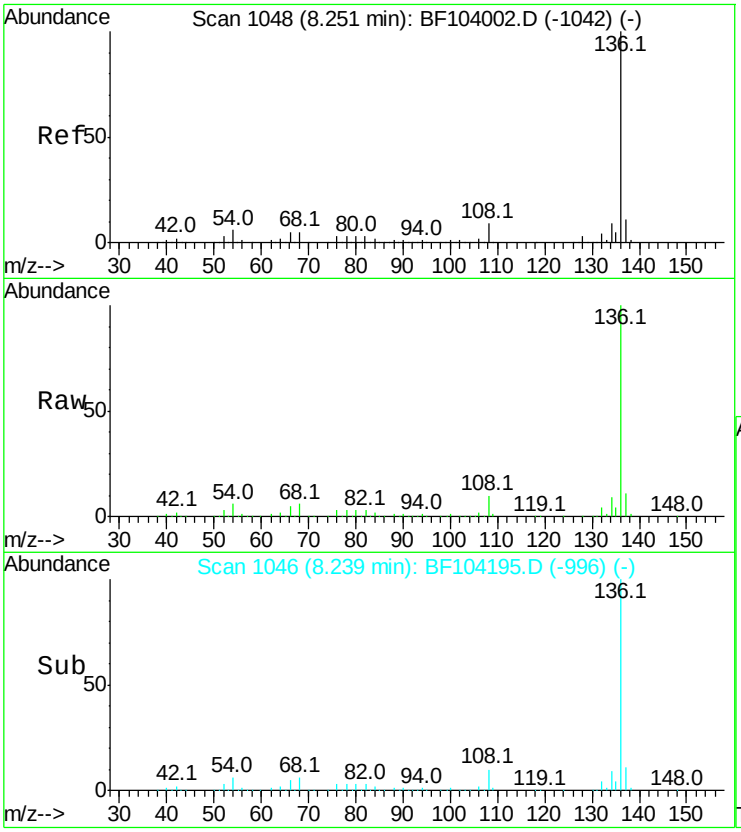


#19
n-Nitroso-di-n-propylamine
Concen: 14.143 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.15 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Tgt Ion: 70 Resp: 70033

Ion	Ratio	Lower	Upper
70	100		
42	42.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



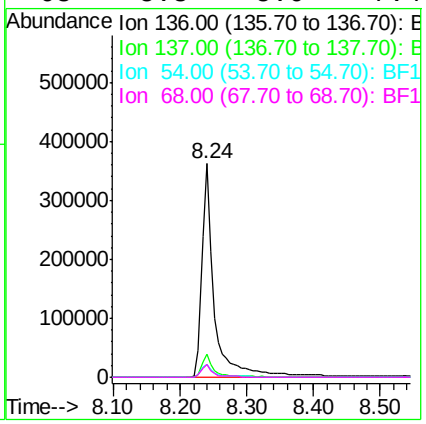


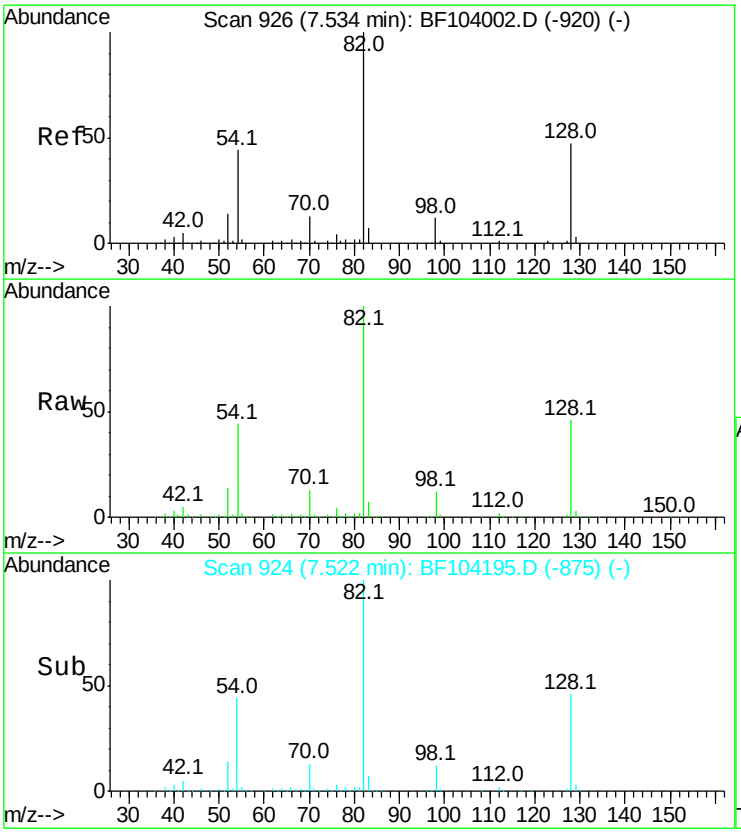
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 467763

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.3	6.6	9.8#
68	5.8	5.0	7.4

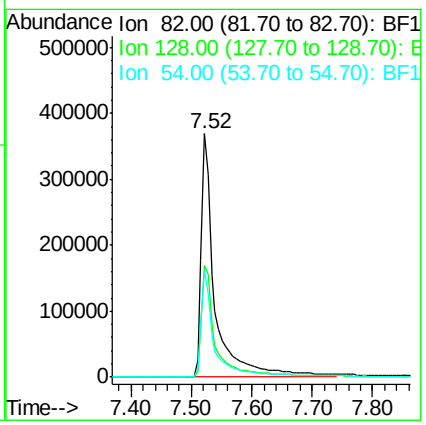


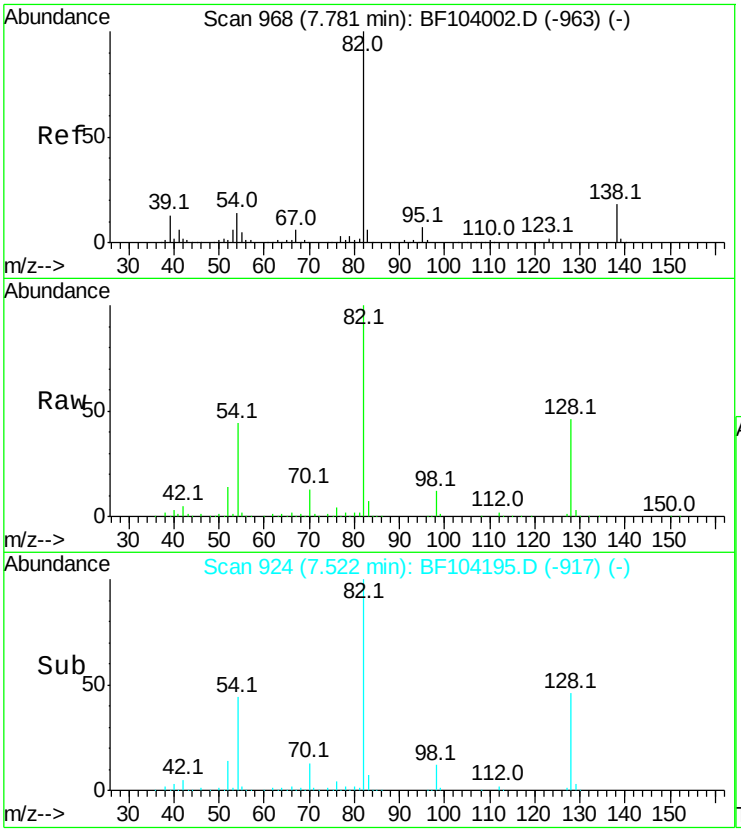


#23
Nitrobenzene-d5
Concen: 77.511 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Tgt Ion: 82 Resp: 592865

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	43.7	41.4	62.2



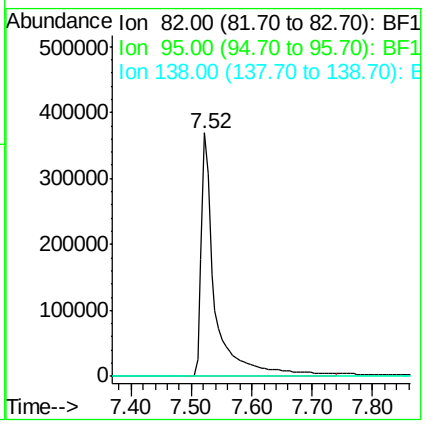


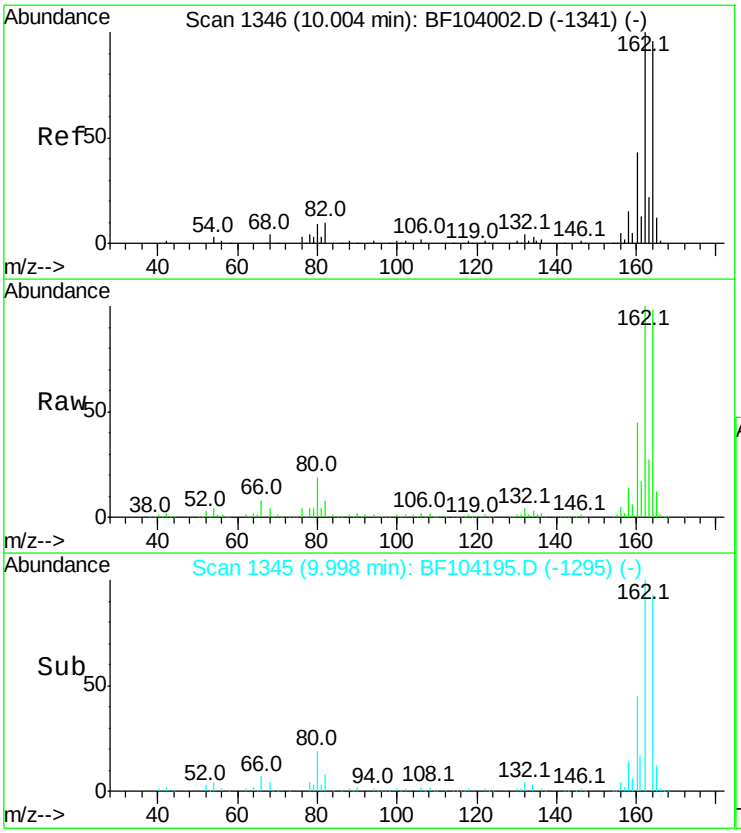
#25
Isophorone
Concen: 42.059 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.26 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 592865

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

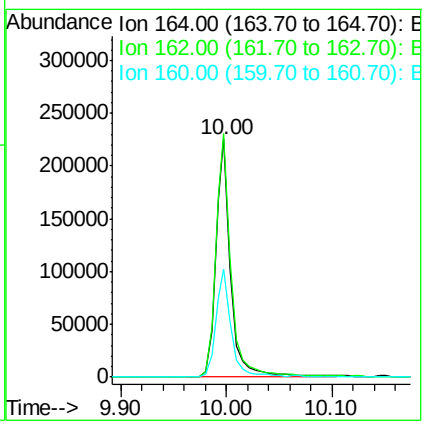


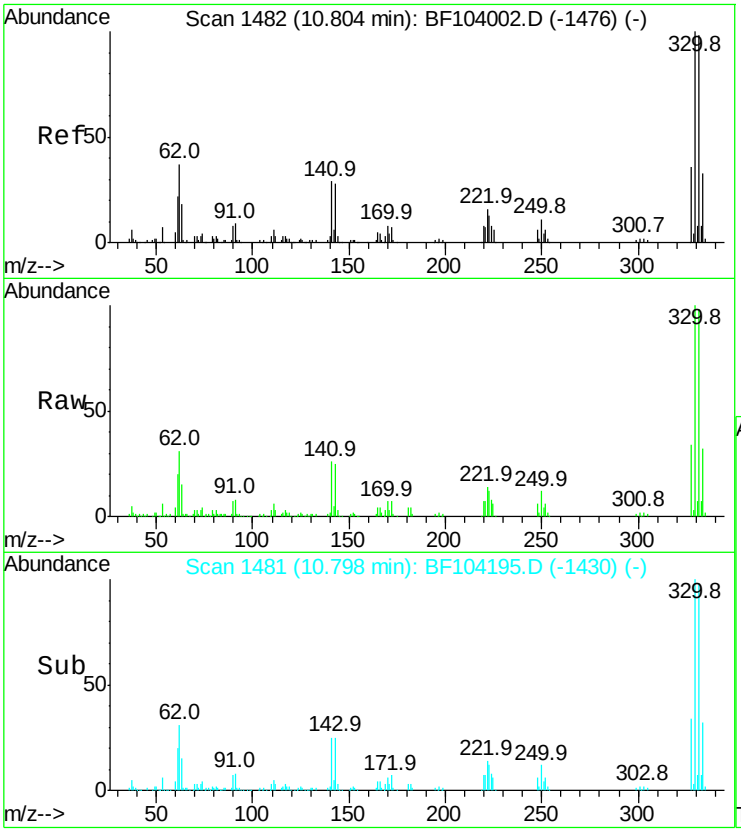


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Tgt Ion:164 Resp: 225080

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	45.5	38.3	57.5



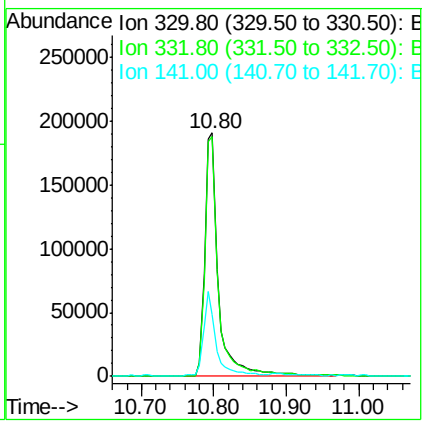


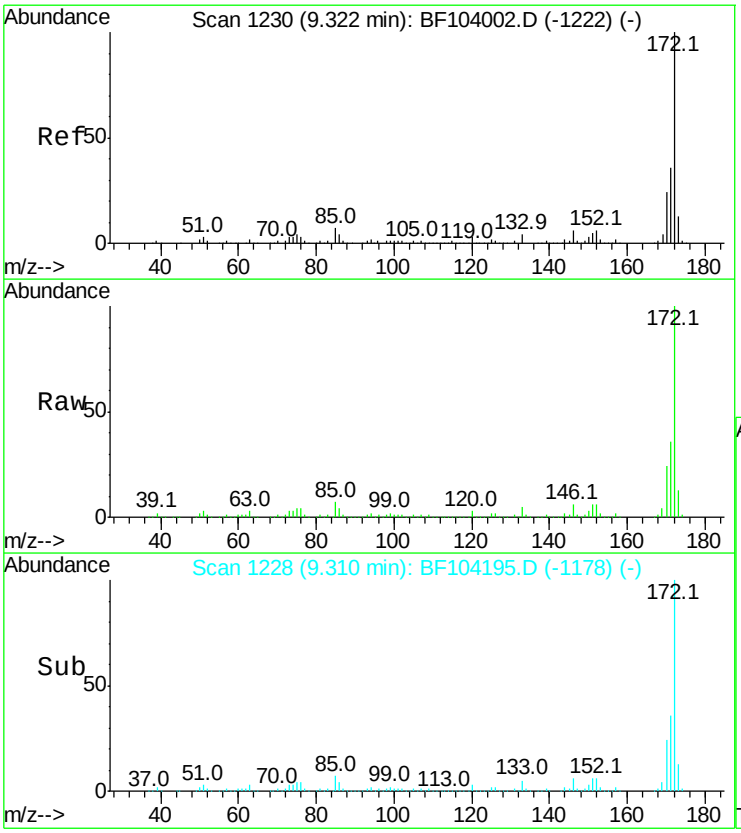
#41
2,4,6-Tribromophenol
Concen: 100.179 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 251075

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	31.2	29.9	44.9

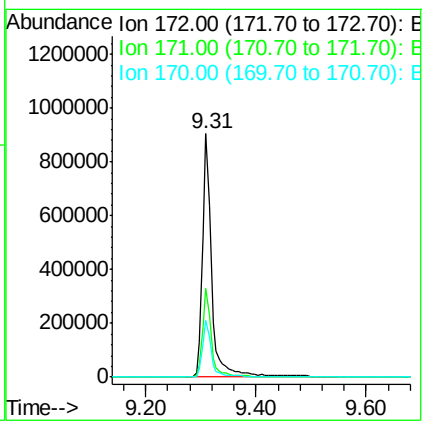


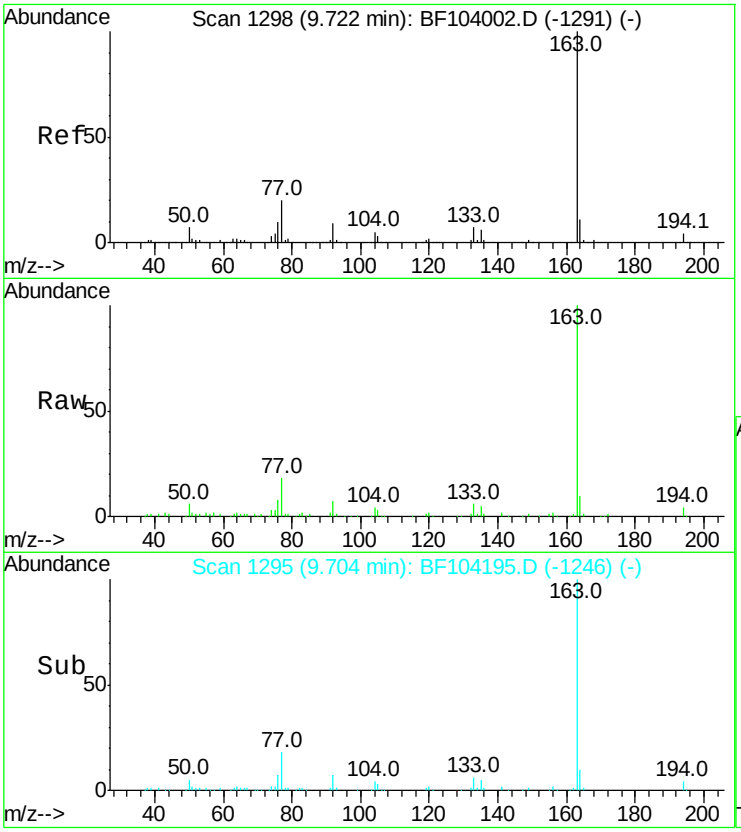


#44
2-Fluorobiphenyl
Concen: 72.930 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Tgt Ion:172 Resp: 1040960

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.6	19.6	29.4



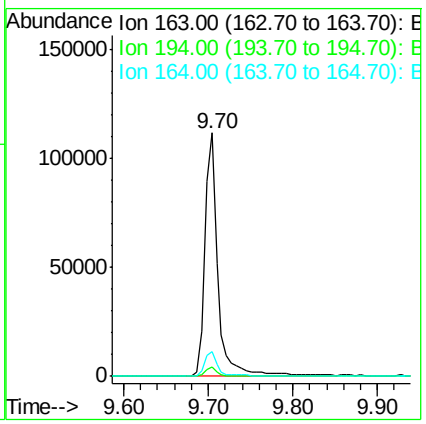


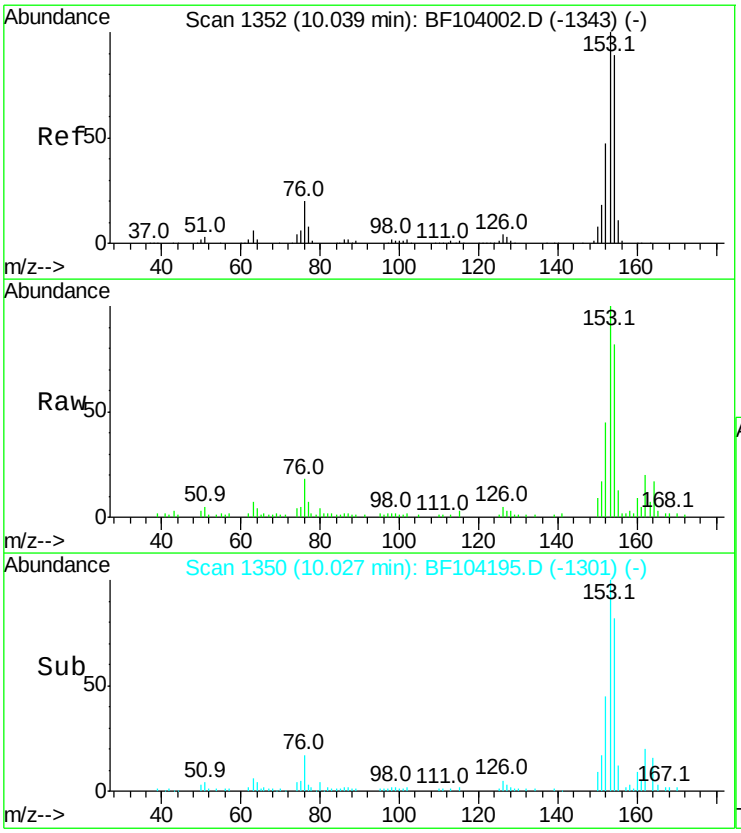
#49
Dimethylphthalate
Concen: 6.785 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 120575

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2

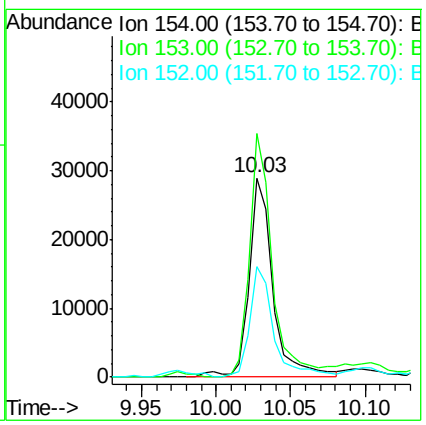


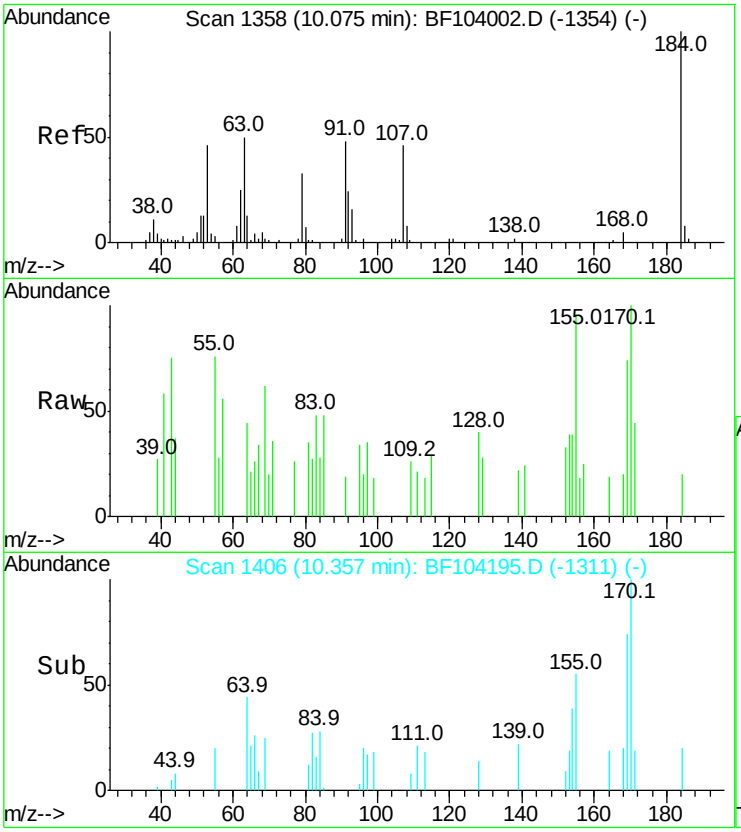


#51
Acenaphthene
Concen: 2.365 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Tgt Ion:154 Resp: 31587

Ion	Ratio	Lower	Upper
154	100		
153	122.5	91.2	136.8
152	55.6	43.8	65.8



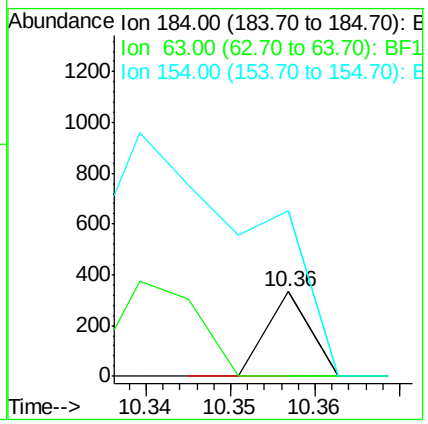


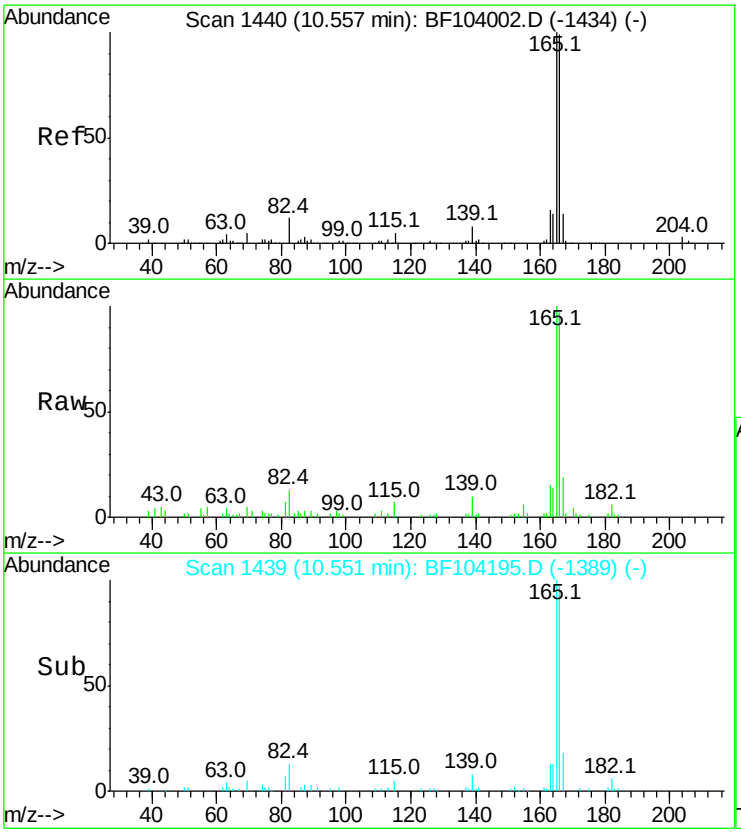
#53
2,4-Dinitrophenol
Concen: 5.638 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.26 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 118

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	195.8	184.0	276.0

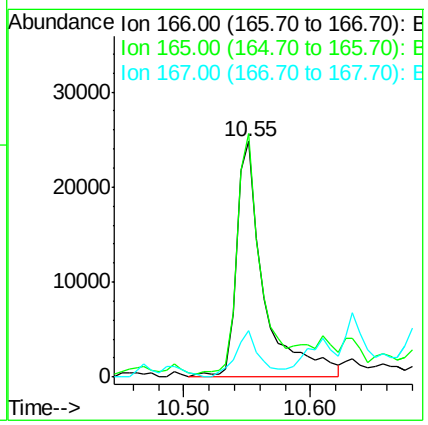


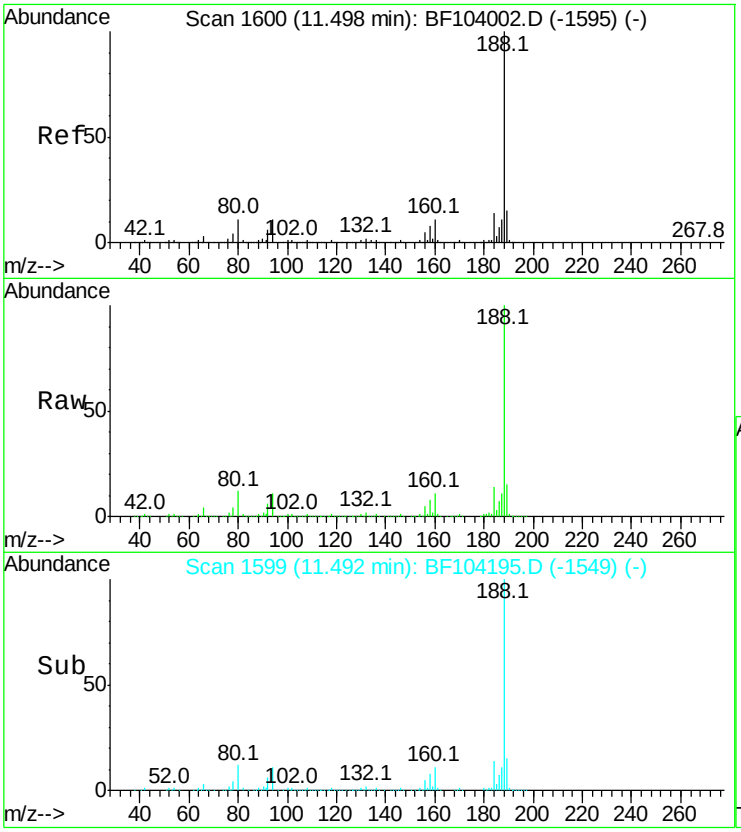


#57
Fluorene
Concen: 2.290 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Tgt Ion:166 Resp: 36839

Ion	Ratio	Lower	Upper
166	100		
165	103.3	79.8	119.8
167	20.0	10.6	16.0#



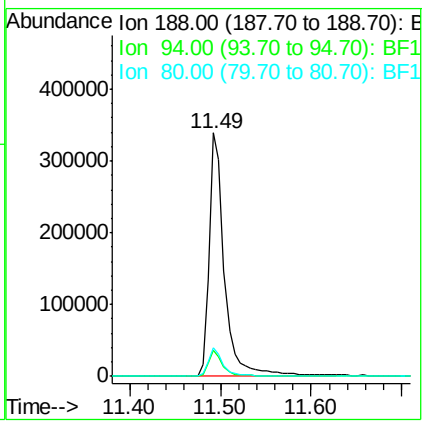


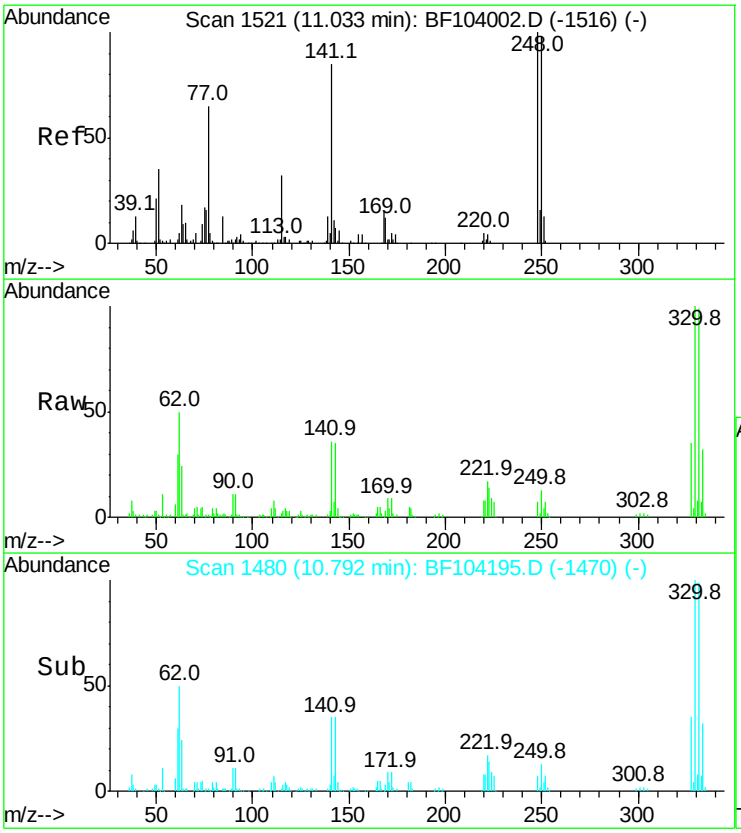
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 403666

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.6	9.2	13.8

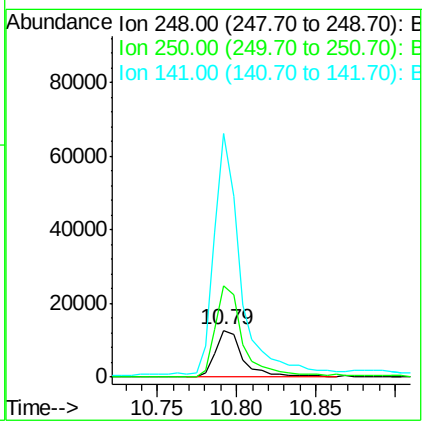


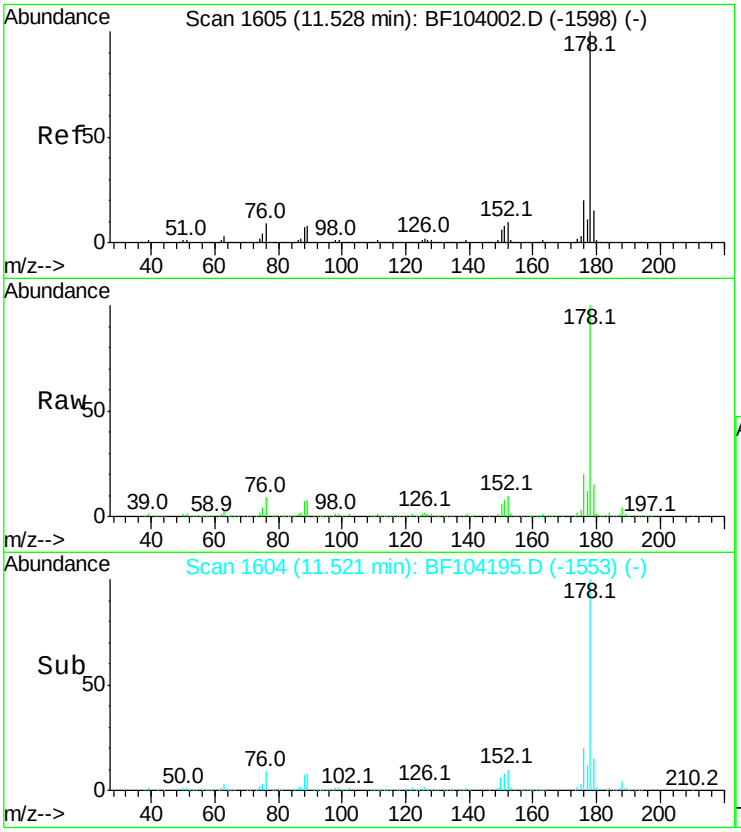


#66
4-Bromophenyl-phenylether
Concen: 3.611 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Tgt Ion:248 Resp: 15595

Ion	Ratio	Lower	Upper
248	100		
250	196.2	76.9	115.3#
141	521.2	74.4	111.6#



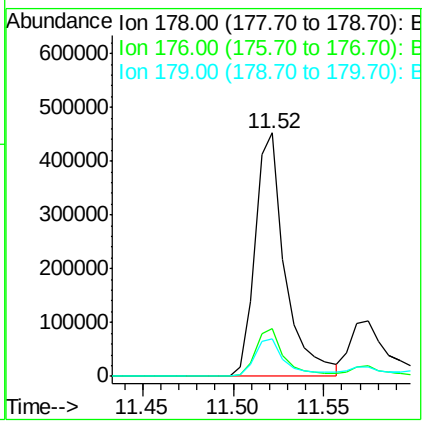


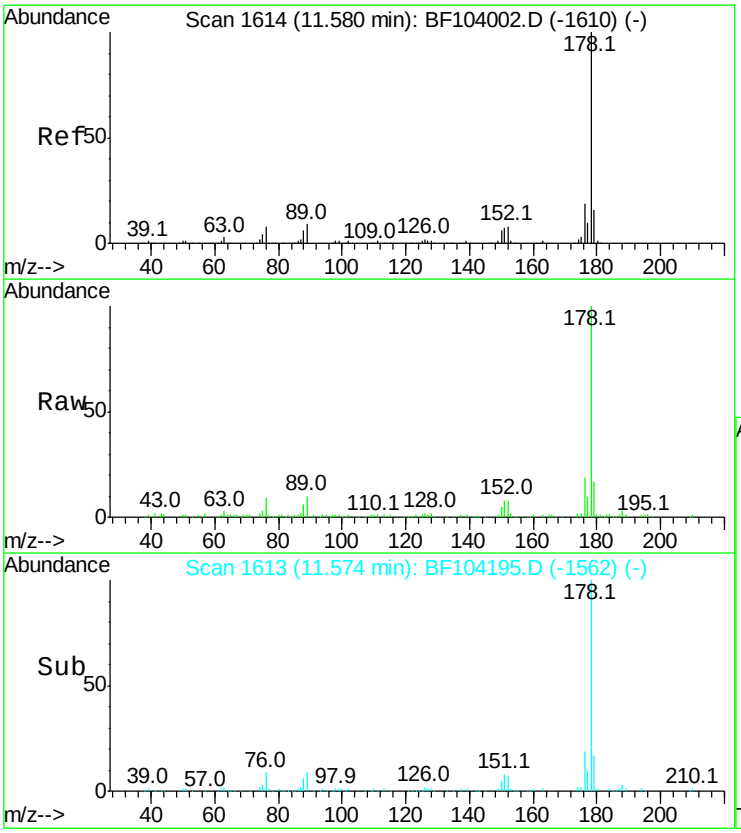
#70
Phenanthrene
Concen: 23.829 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 520773

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.5	13.0	19.6

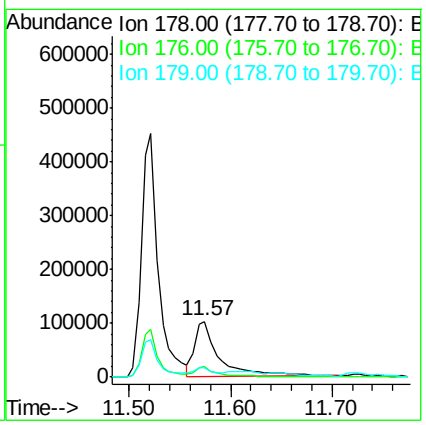


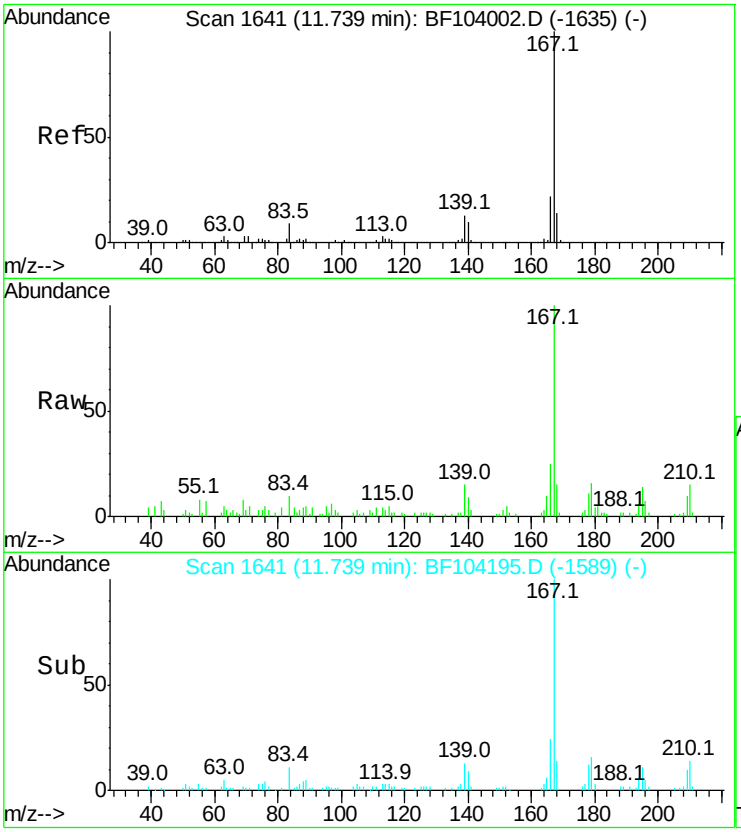


#71
Anthracene
Concen: 7.562 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.00 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Tgt Ion:178 Resp: 172616

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	17.0	12.6	19.0



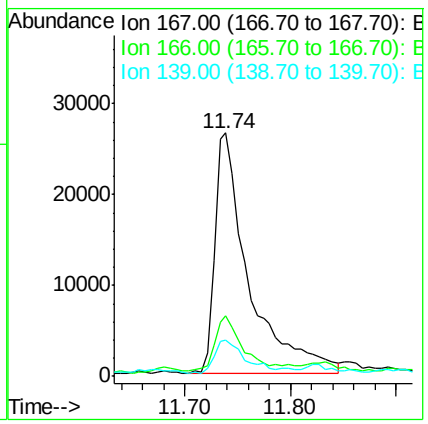


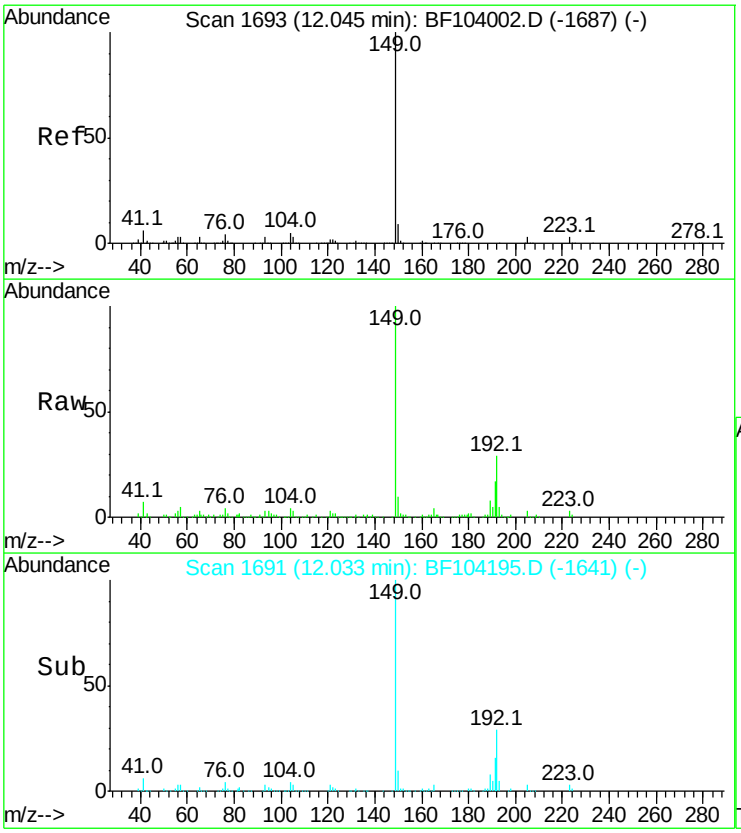
#72
Carbazole
Concen: 2.727 ng
RT: 11.74 min Scan# 1641
Delta R.T. 0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 59411

Ion	Ratio	Lower	Upper
167	100		
166	25.0	17.6	26.4
139	15.1	10.9	16.3

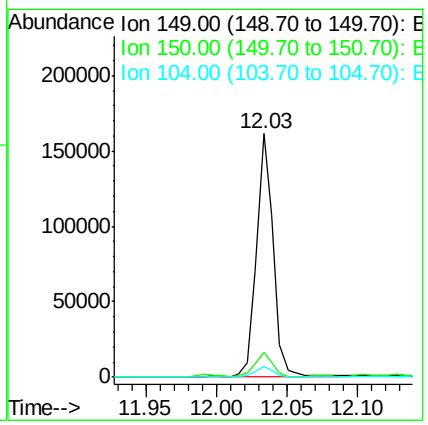


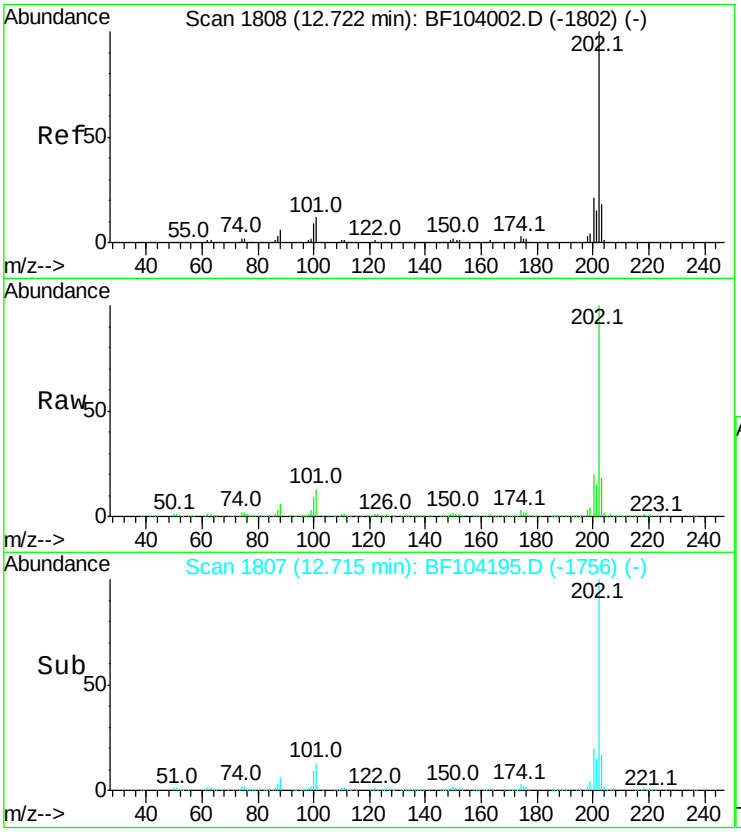


#73
Di-n-butylphthalate
Concen: 5.278 ng
RT: 12.03 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Tgt Ion:149 Resp: 136967

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	4.4	3.8	5.8



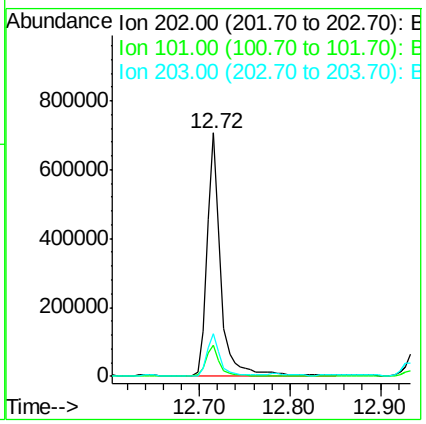


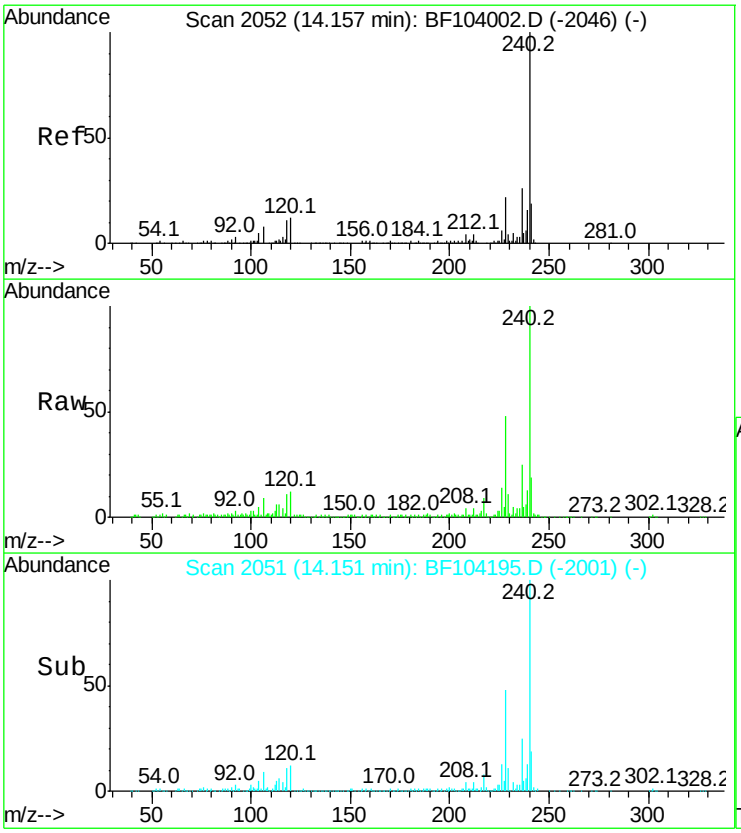
#74
Fluoranthene
Concen: 32.419 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 753125

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	17.6	0.0	38.1

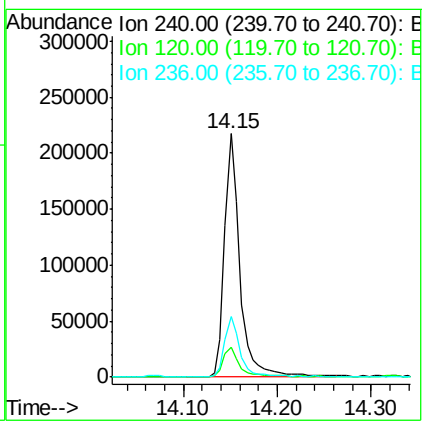


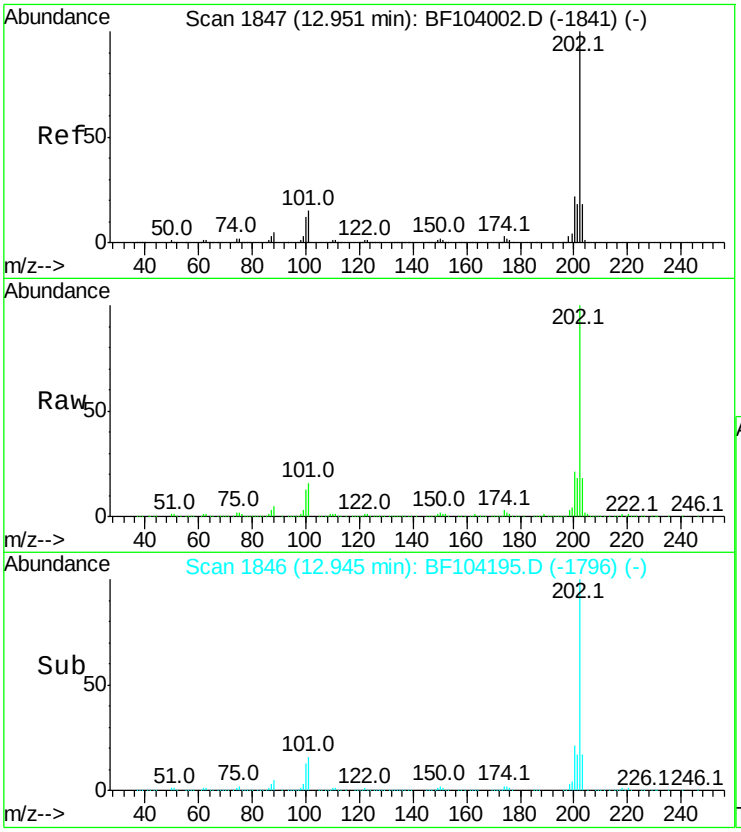


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Tgt Ion:240 Resp: 246170

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	24.7	20.7	31.1



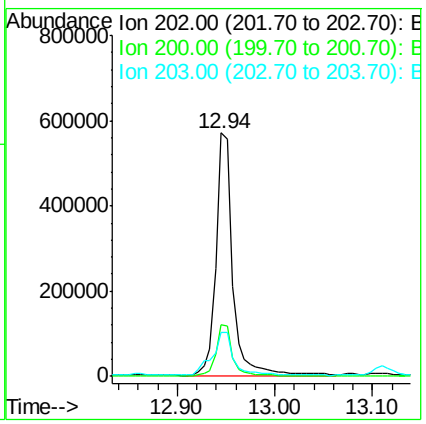


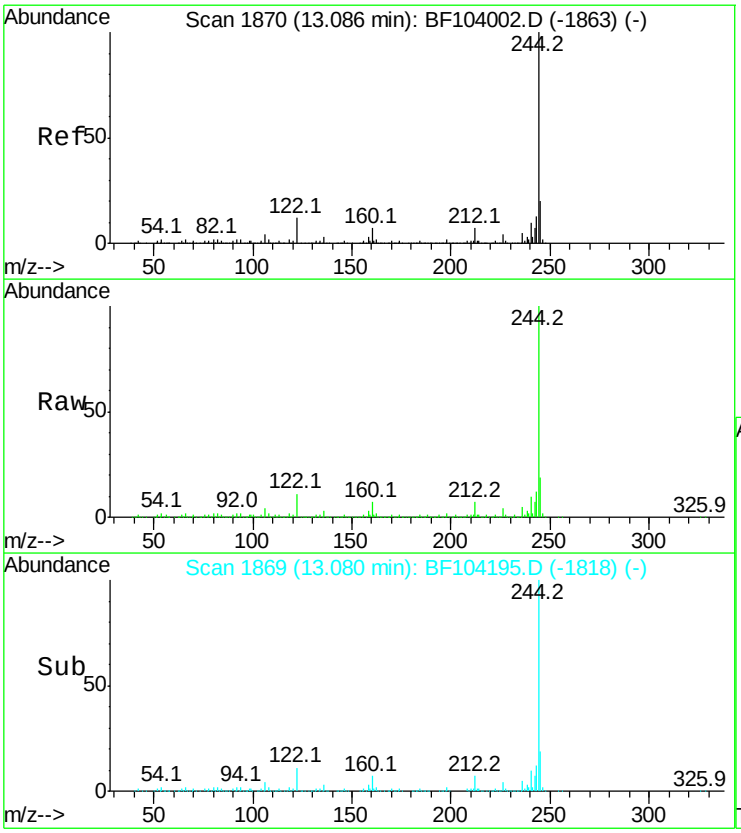
#77
Pyrene
Concen: 38.571 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 682553

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.0	14.3	21.5

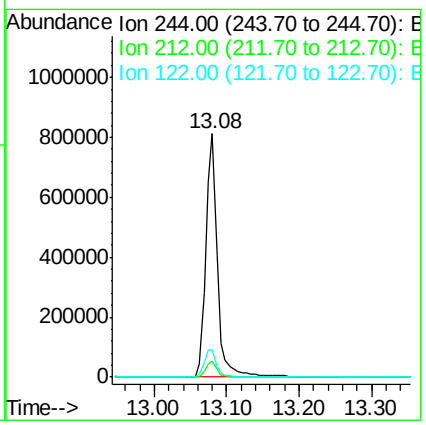


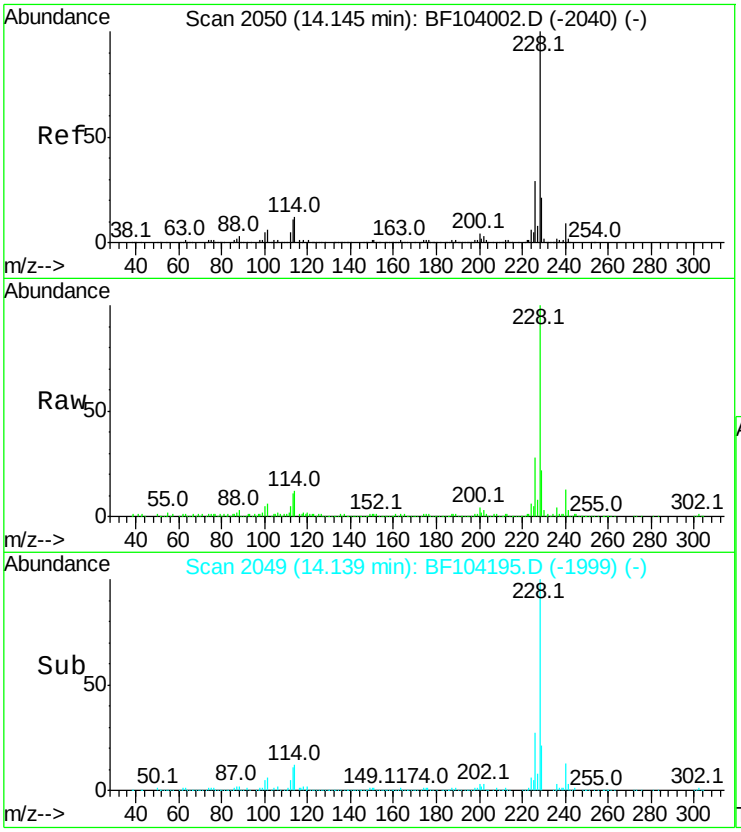


#78
Terphenyl-d14
Concen: 84.709 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Tgt Ion:244 Resp: 903132

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.4	11.0	16.4



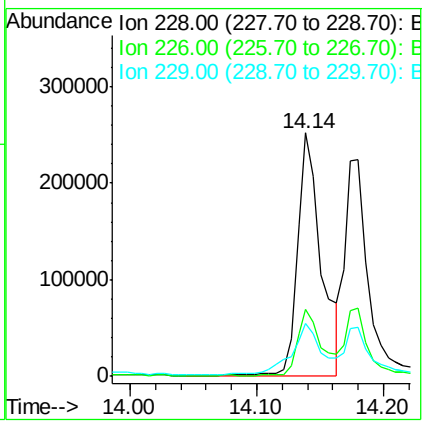


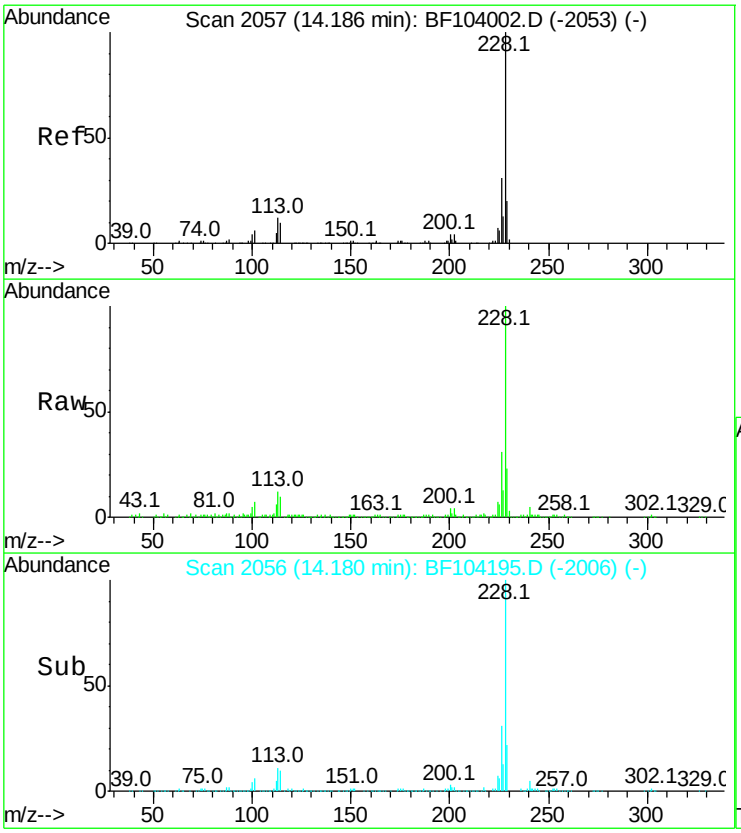
#80
Benzo(a)anthracene
Concen: 21.191 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 326410

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	21.9	15.8	23.6

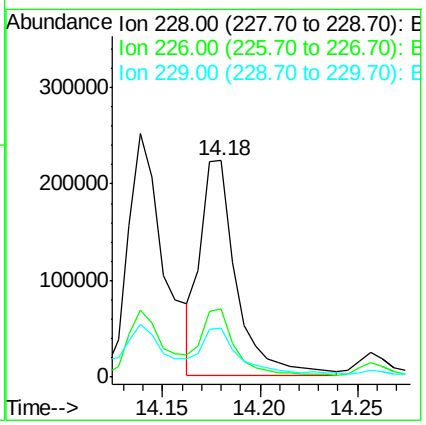


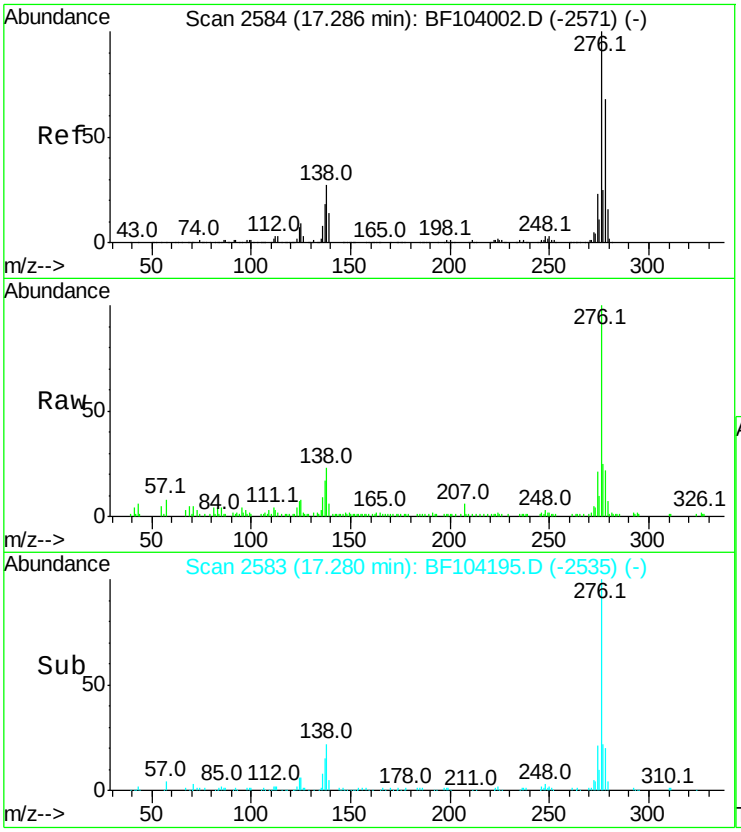


#82
Chrysene
Concen: 18.866 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Tgt Ion:228 Resp: 284620

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	22.8	16.2	24.4



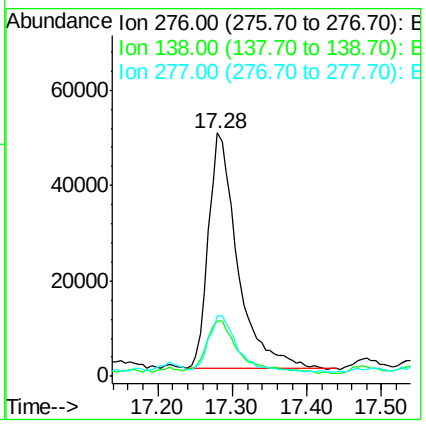


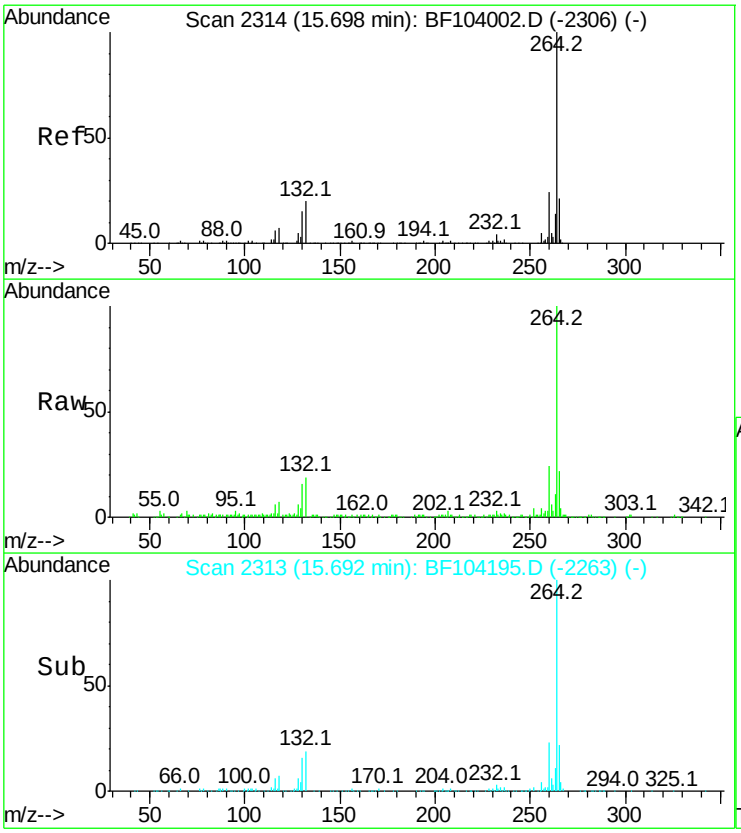
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.612 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.02 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 134641

Ion	Ratio	Lower	Upper
276	100		
138	25.0	25.0	37.6#
277	23.4	20.1	30.1

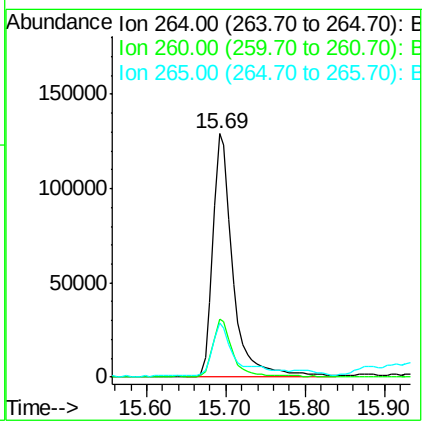


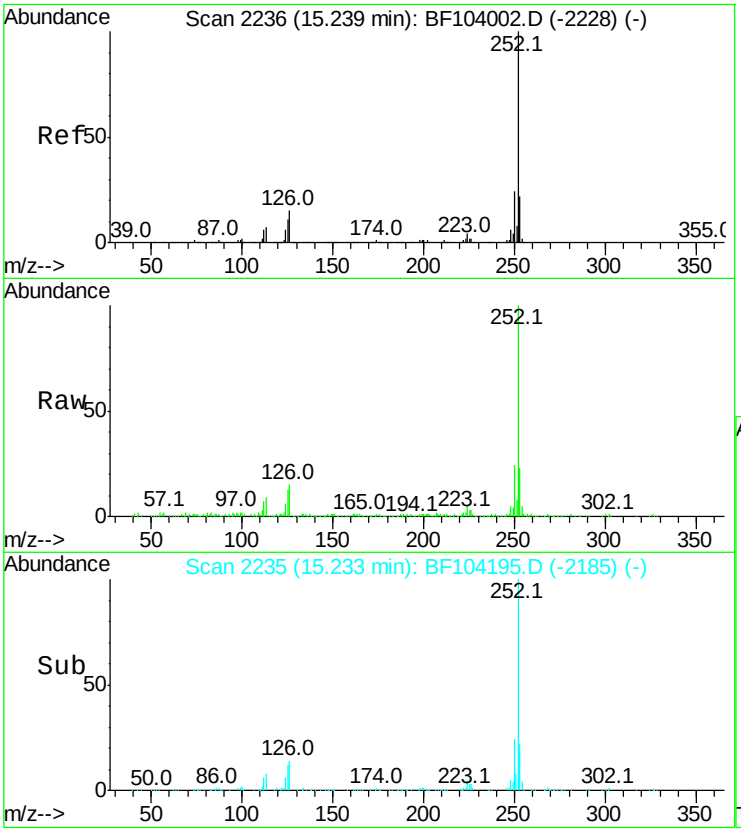


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Tgt Ion:264 Resp: 223574

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	17.5	26.3



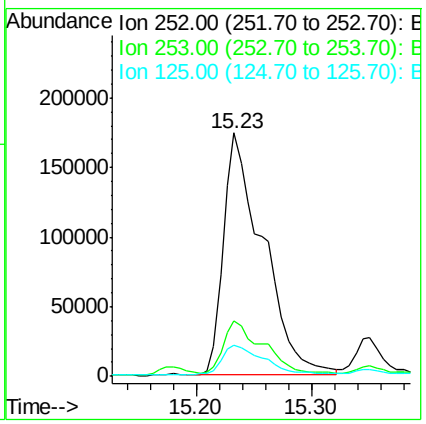


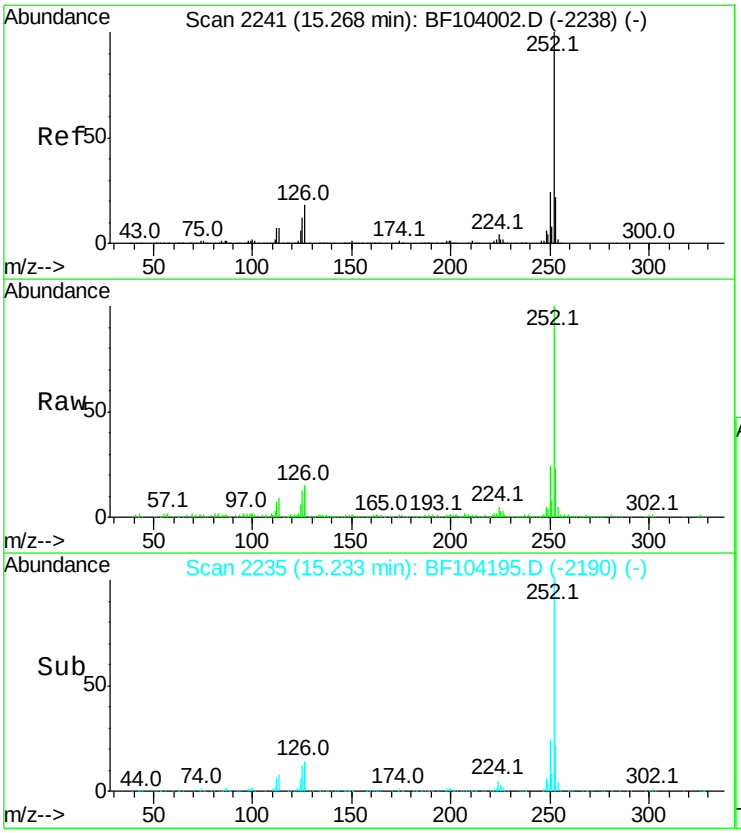
#87
Benzo(b)fluoranthene
Concen: 30.217 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 411146

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	12.8	9.0	13.6

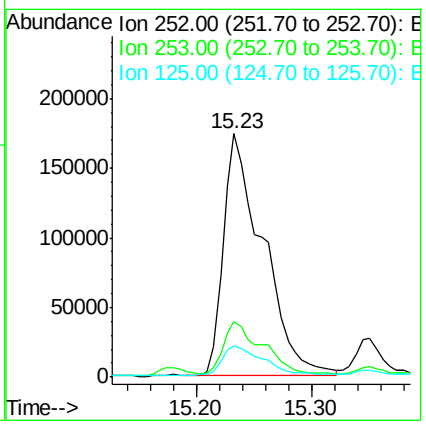


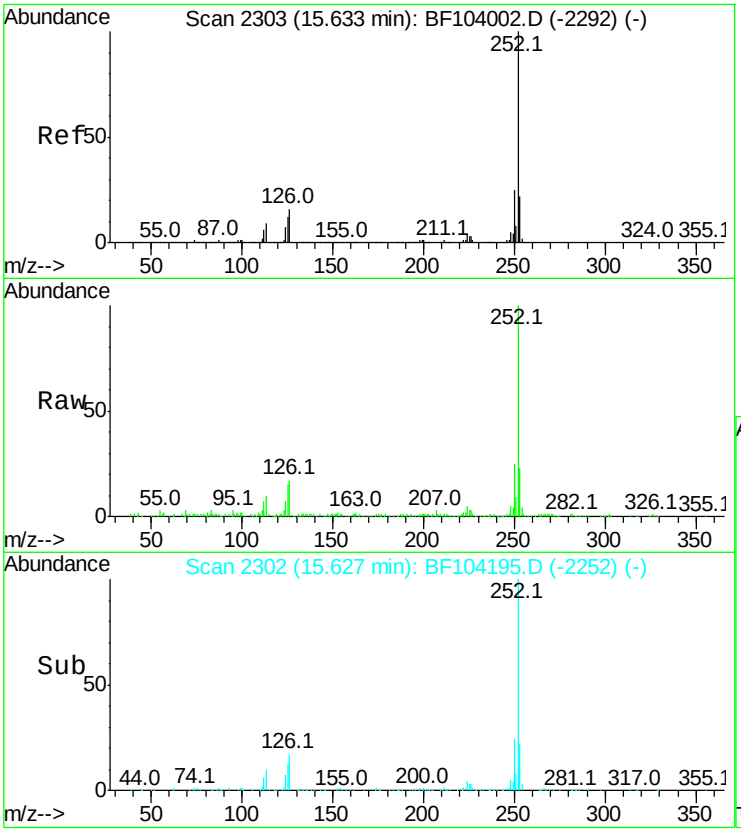


#88
Benzo(k)fluoranthene
Concen: 32.077 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.04 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Tgt Ion:252 Resp: 411146

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	12.8	10.2	15.2



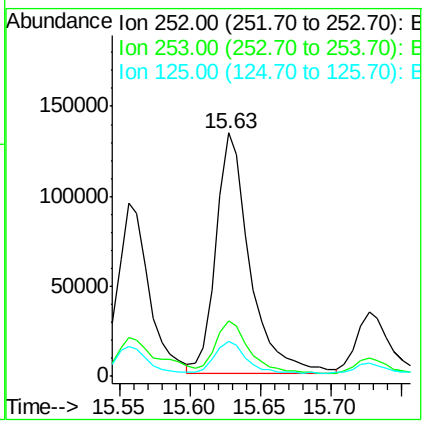


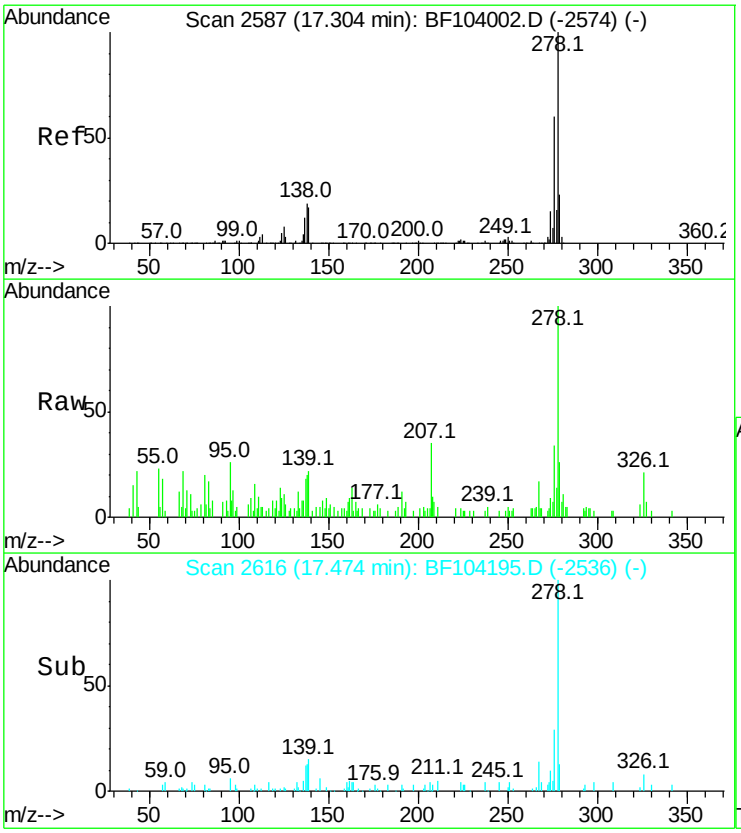
#89
Benzo(a)pyrene
Concen: 17.724 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 223478

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	14.6	9.8	14.6

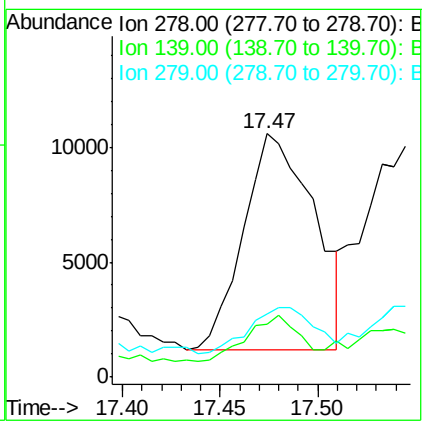


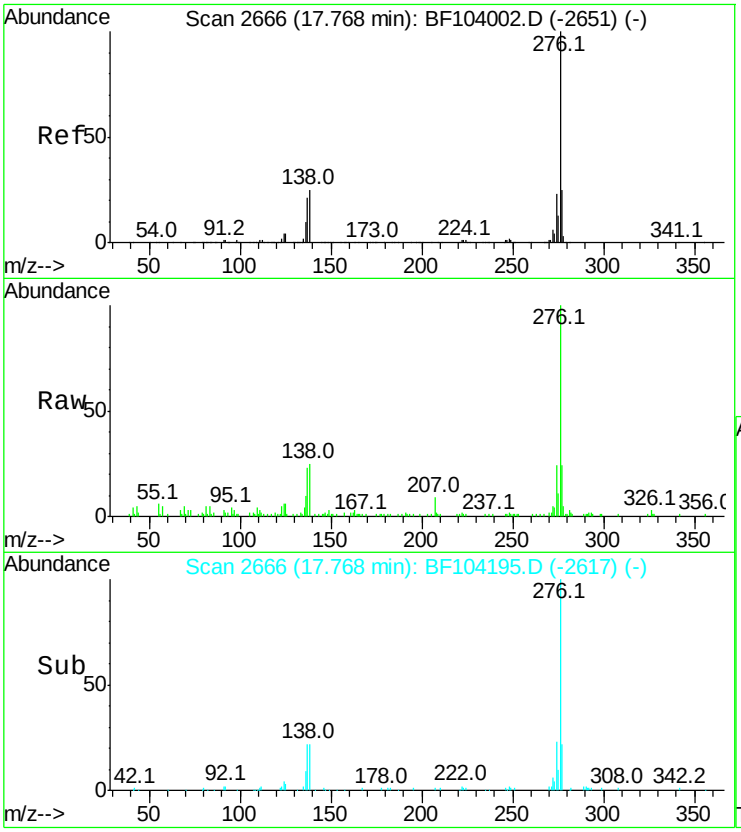


#90
Dibenzo(a,h)anthracene
Concen: 2.025 ng
RT: 17.47 min Scan# 2616
Delta R.T. 0.17 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Tgt Ion:278 Resp: 23607

Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.9	23.9
279	26.0	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 11.662 ng
RT: 17.77 min Scan# 2666
Delta R.T. -0.01 min
Lab File: BF104195.D
Acq: 3 Apr 2018 22:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 136179

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	24.6	21.8	32.8