Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104166.D
Acq On : 3 Apr 2018 7:28
Operator : JU/SJ
Sample : J2176-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 03 08:12:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	86594	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	351369	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	143911	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	224139	20.00	ng	0.00
75) Chrysene-d12	14.16	240	180275	20.00	ng	0.01
86) Perylene-d12	15.70	264	139226	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	404900	74.57	ng	0.00
7) Phenol-d6	6.60	99	560082	83.84	ng	0.00
23) Nitrobenzene-d5	7.53	82	351744	61.22	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	101806	63.53	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	621969	68.15	ng	0.00
78) Terphenyl-d14	13.08	244	458520	58.73	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	768	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.53	70	40804	10.292	ng	# 73
25) Isophorone	7.53	82	351744	33.220	ng	# 64
31) Naphthalene	8.26	128	85794	4.998	ng	98
48) Acenaphthylene	9.86	152	114664	7.768	ng	99
49) Dimethylphthalate	9.70	163	54573	4.803	ng	98
50) 2,6-Dinitrotoluene	10.00	165	18755	7.672	ng	# 26
55) 4-Nitrophenol	10.22	139	3507	2.081	ng	# 9
56) 2,4-Dinitrotoluene	10.00	165	18755	6.013	ng	# 24
66) 4-Bromophenyl-phenylether	10.80	248	6031	2.515	ng	# 1
70) Phenanthrene	11.52	178	276621	22.795	ng	97
71) Anthracene	11.57	178	224634	17.722	ng	98
74) Fluoranthene	12.73	202	1440780	111.696	ng	98
77) Pyrene	12.96	202	1246303	96.171	ng	99
80) Benzo(a)anthracene	14.15	228	889078	78.818	ng	96
82) Chrysene	14.19	228	602144	54.501	ng	98
85) Indeno(1,2,3-cd)pyrene	17.30	276	237051	20.705	ng	# 87
87) Benzo(b)fluoranthene	15.25	252	956398	112.874	ng	96
88) Benzo(k)fluoranthene	15.25	252	956398	119.823	ng	99
89) Benzo(a)pyrene	15.64	252	488296	62.187	ng	98
90) Dibenzo(a,h)anthracene	17.49	278	50578	6.967	ng	96
91) Benzo(g,h,i)perylene	17.79	276	198731	27.330	ng	96

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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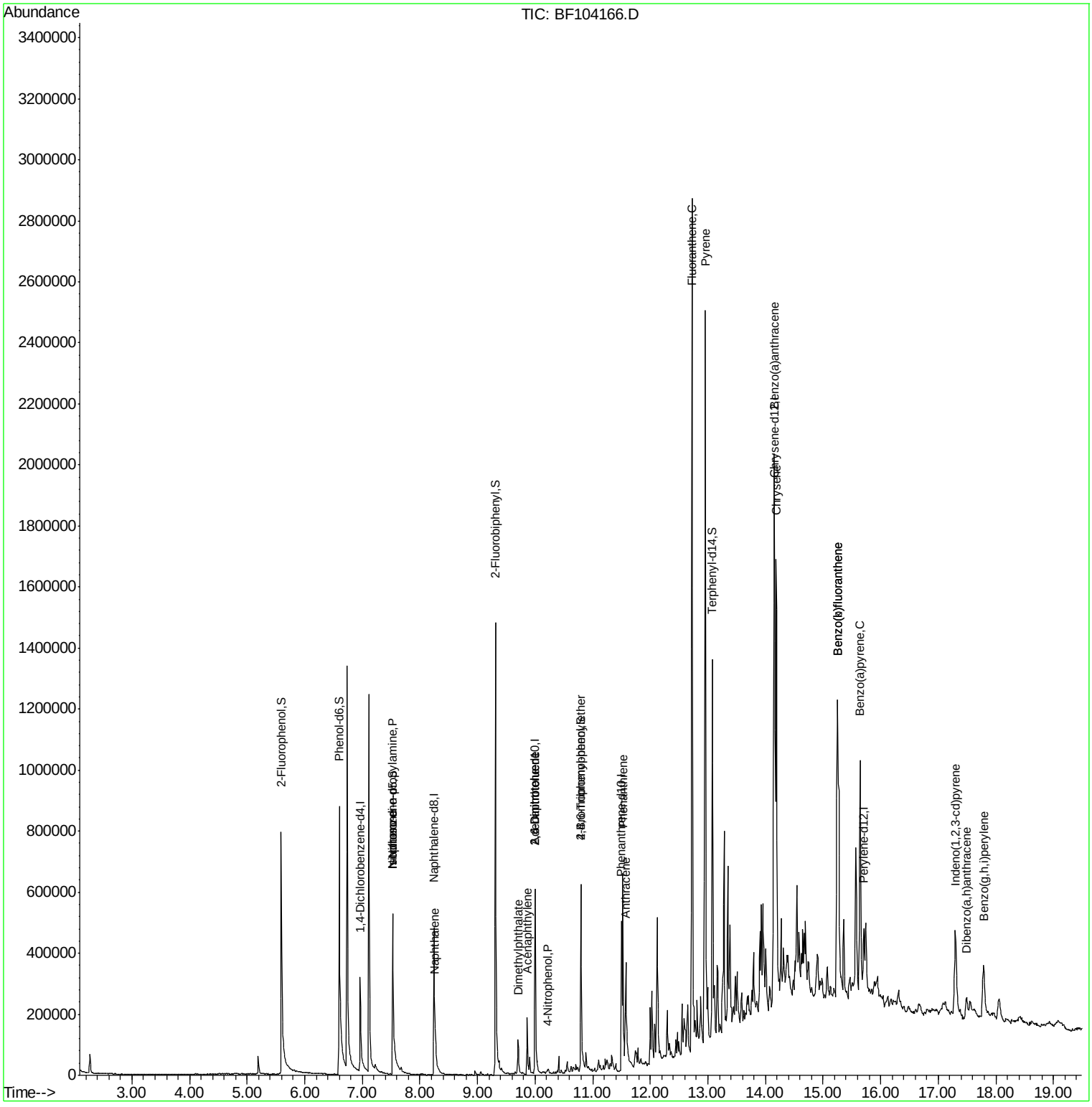
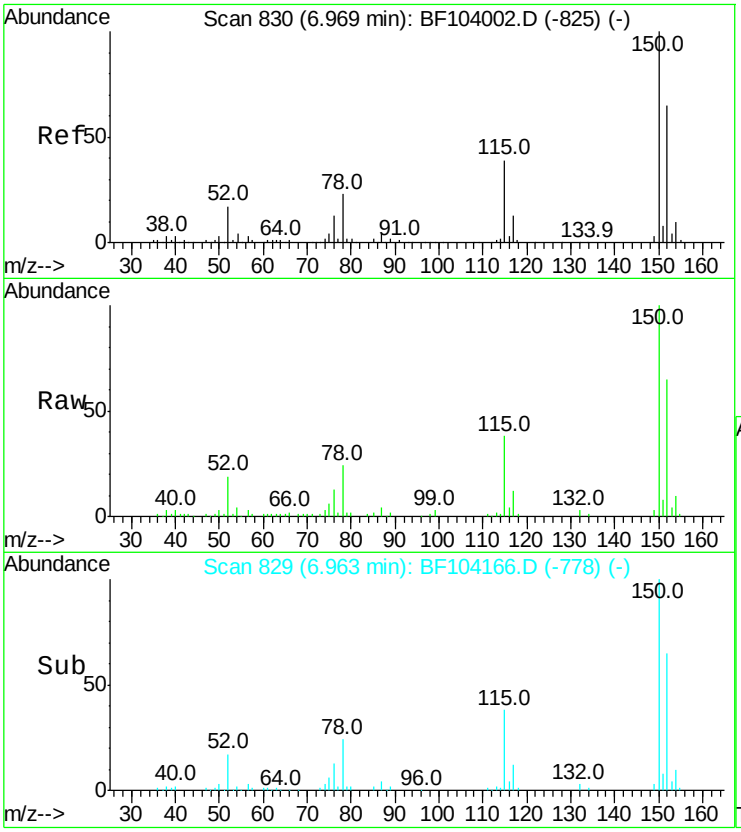


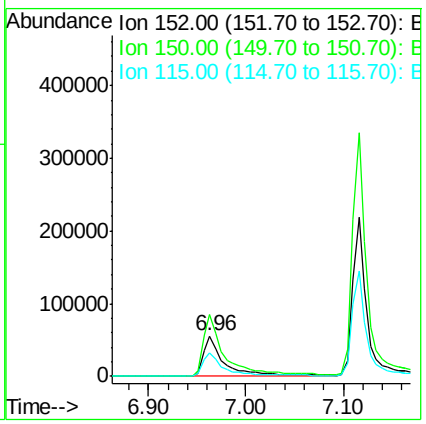


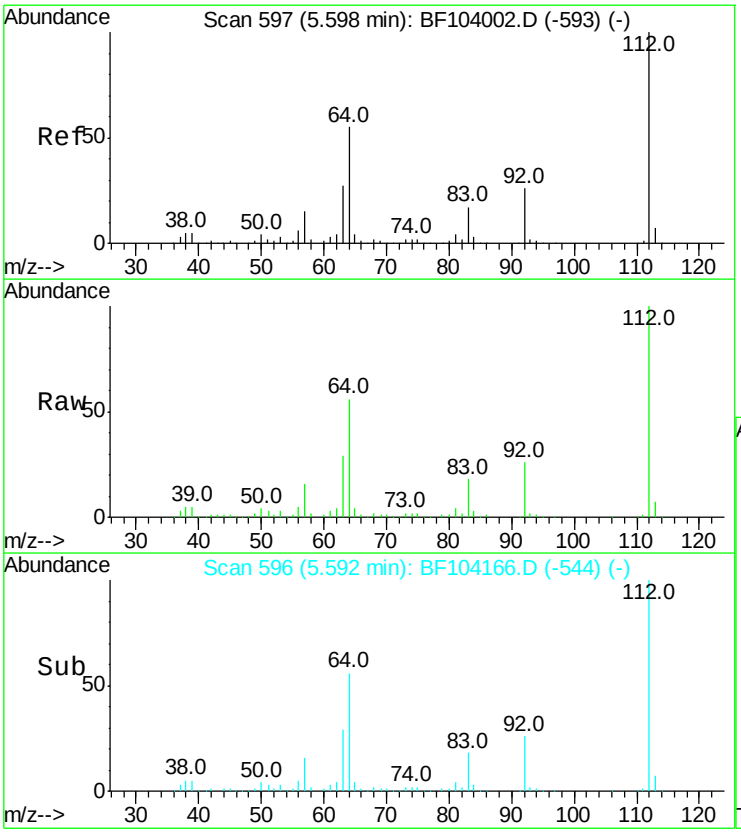
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 86594

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	58.5	50.1	75.1

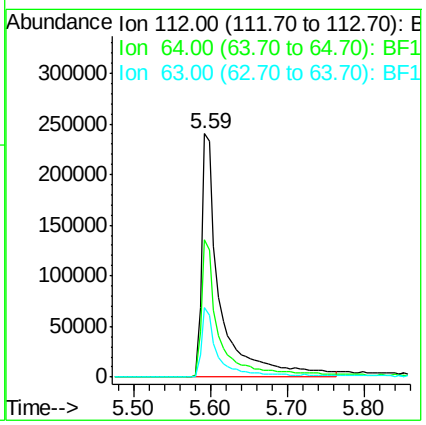


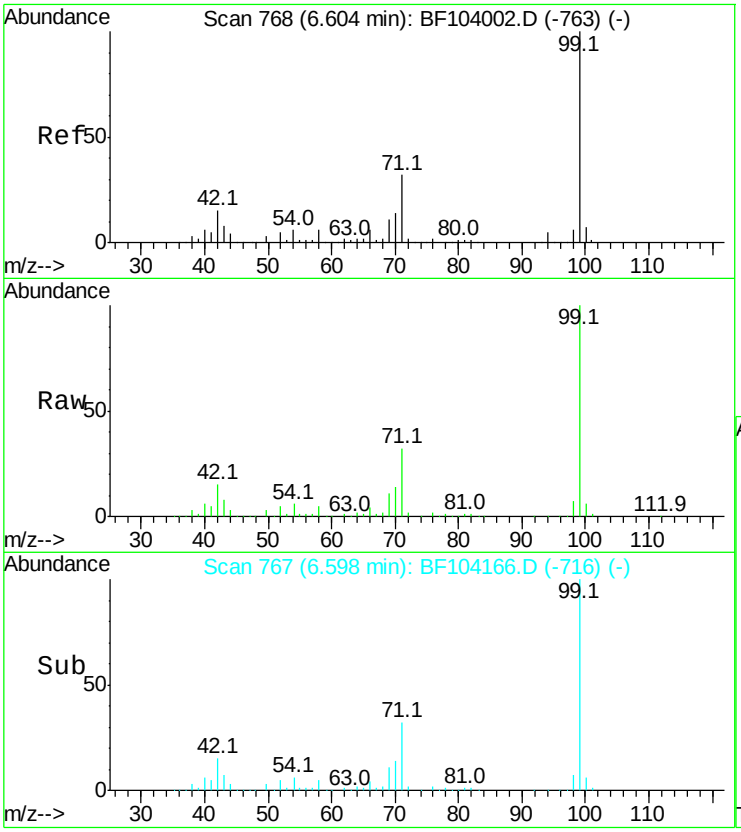


#5
2-Fluorophenol
Concen: 74.568 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Tgt Ion:112 Resp: 404900

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	28.6	23.7	35.5



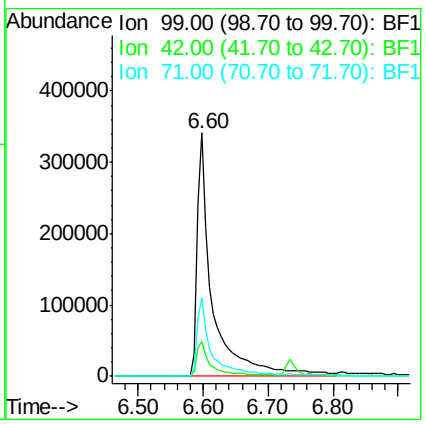


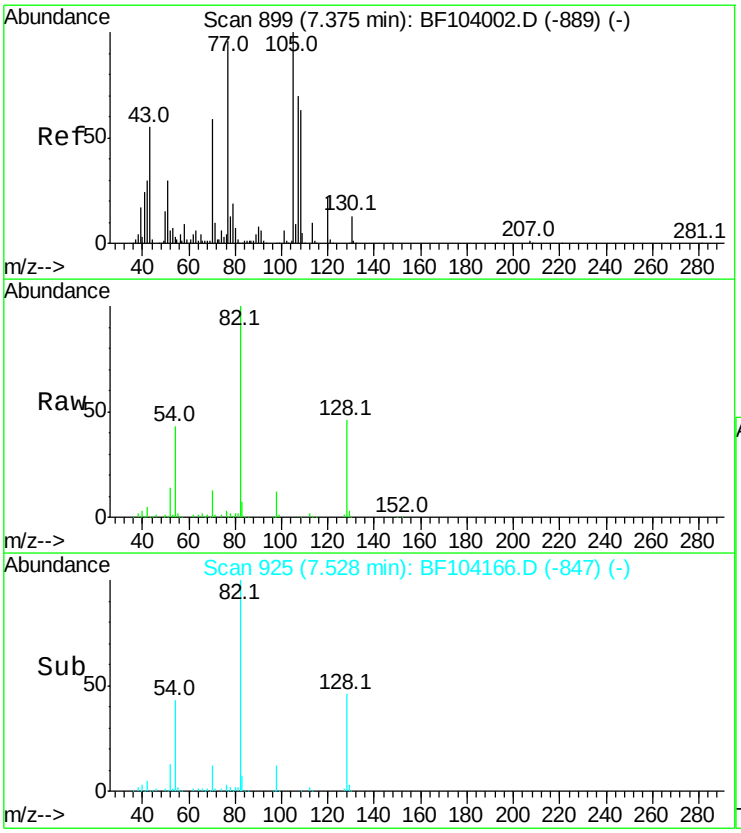
#7
Phenol-d6
Concen: 83.839 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 560082

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	32.5	25.4	38.0

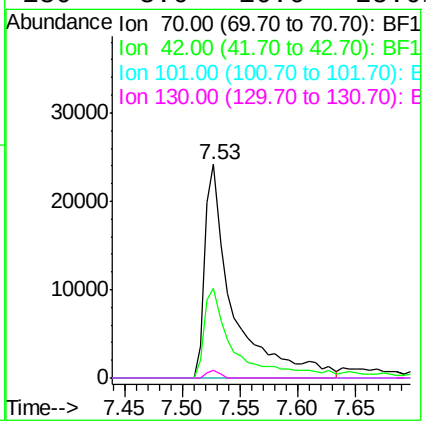


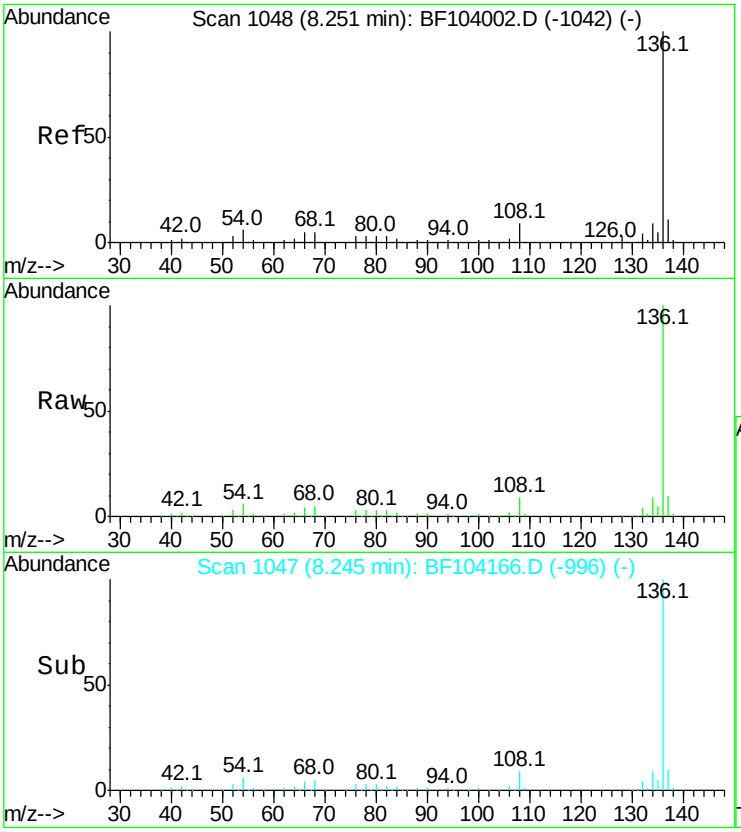


#19
n-Nitroso-di-n-propylamine
Concen: 10.292 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.16 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Tgt Ion: 70 Resp: 40804

Ion	Ratio	Lower	Upper
70	100		
42	41.7	47.5	71.3#
101	0.0	7.4	11.2#
130	3.6	16.6	25.0#



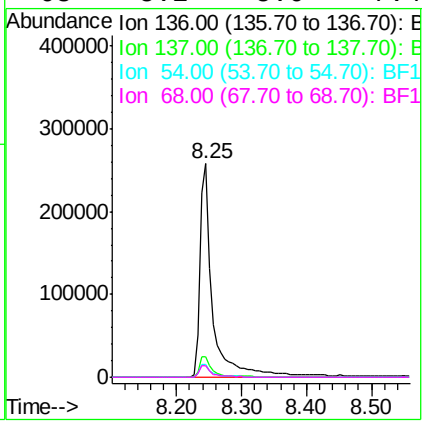


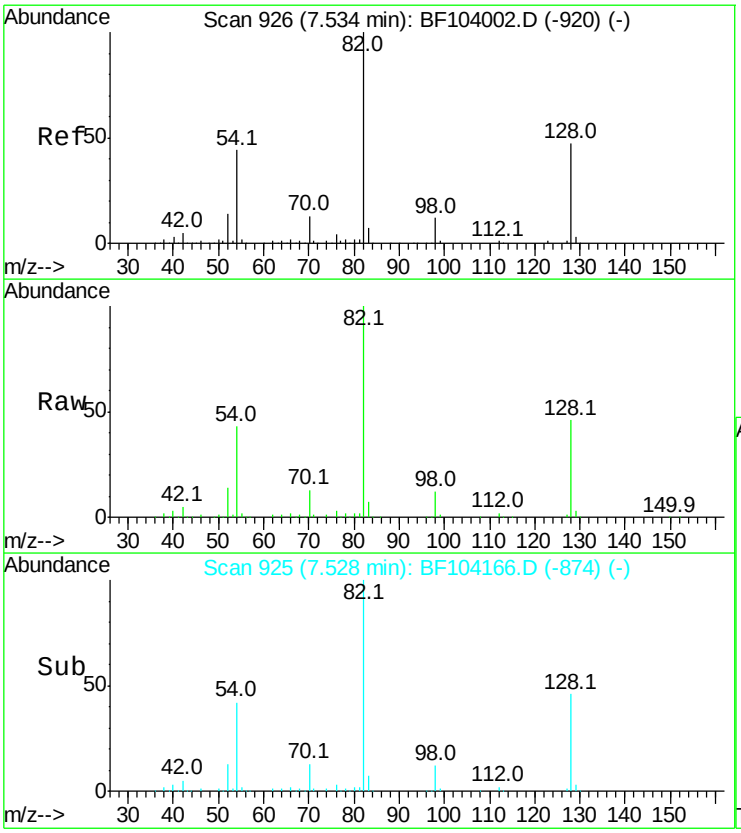
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 351369

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.9	13.3
54	6.1	6.6	9.8#
68	5.2	5.0	7.4

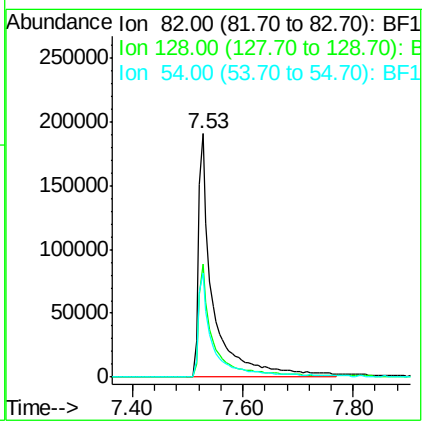


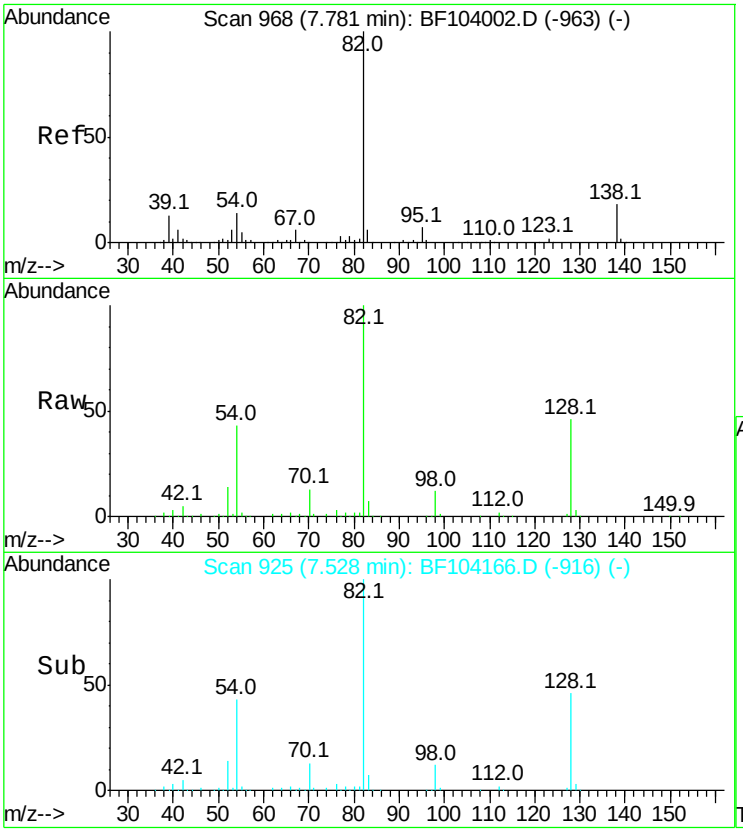


#23
Nitrobenzene-d5
Concen: 61.221 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Tgt Ion: 82 Resp: 351744

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	42.6	41.4	62.2



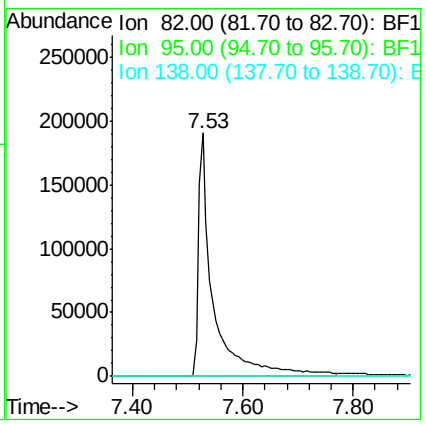


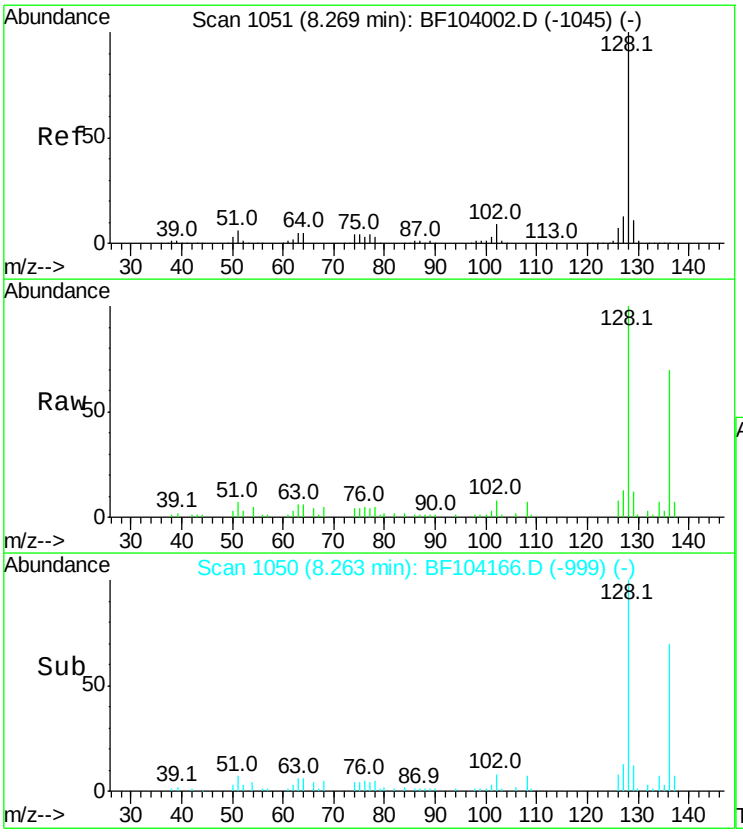
#25
Isophorone
Concen: 33.220 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 351744

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

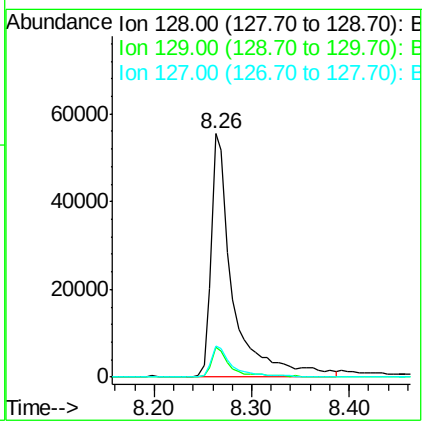


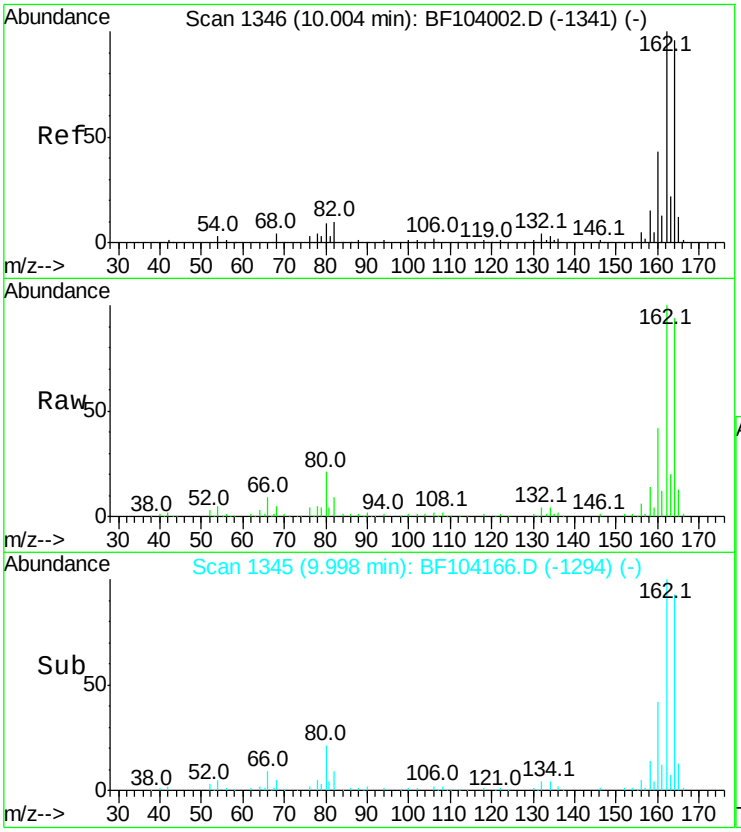


#31
Naphthalene
Concen: 4.998 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Tgt Ion:128 Resp: 85794

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.8	13.2
127	12.8	10.9	16.3



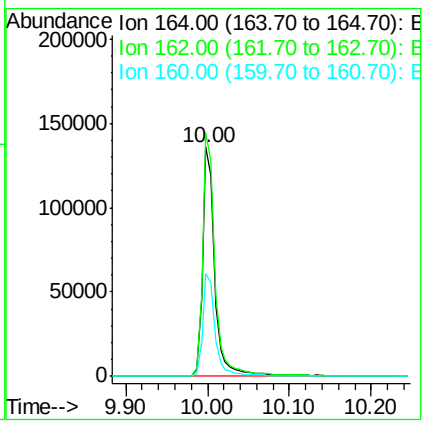


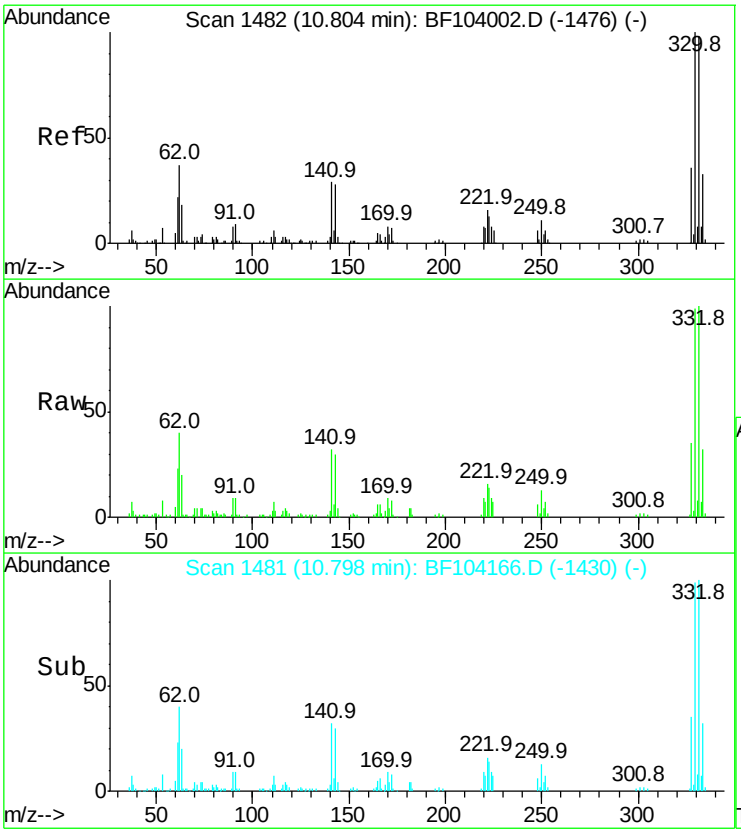
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 143911

Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	44.9	38.3	57.5

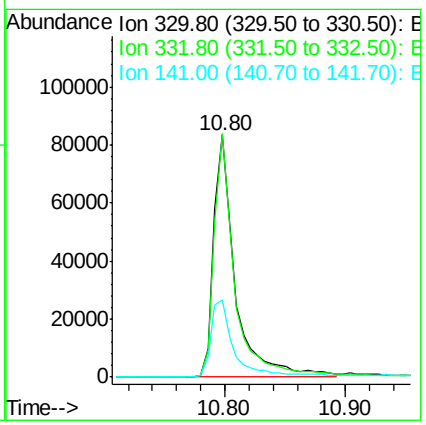


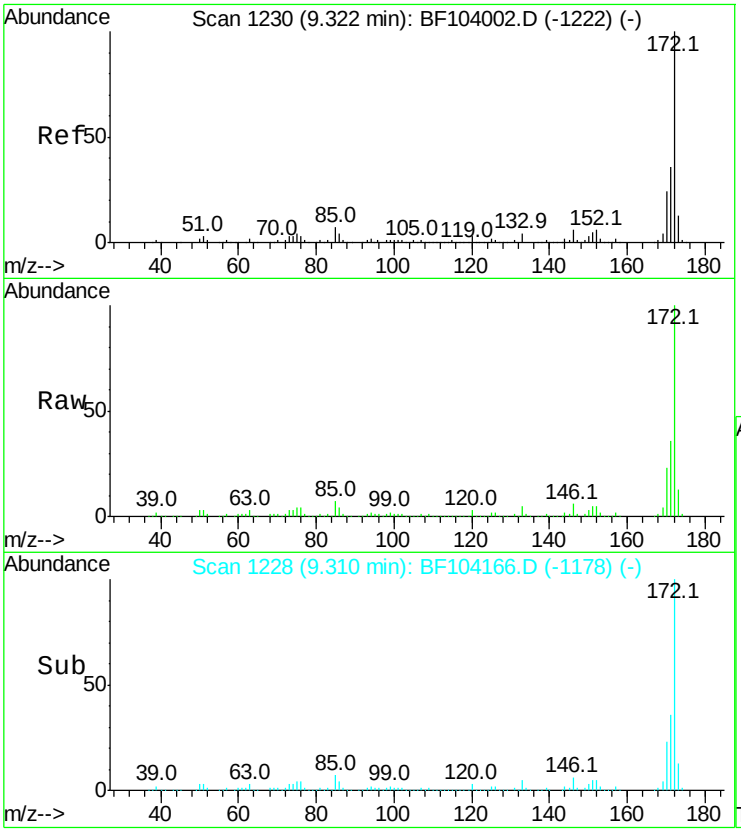


#41
2,4,6-Tribromophenol
Concen: 63.531 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Tgt Ion:330 Resp: 101806

Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	33.2	29.9	44.9



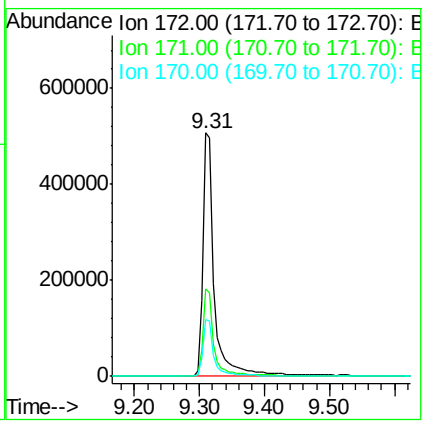


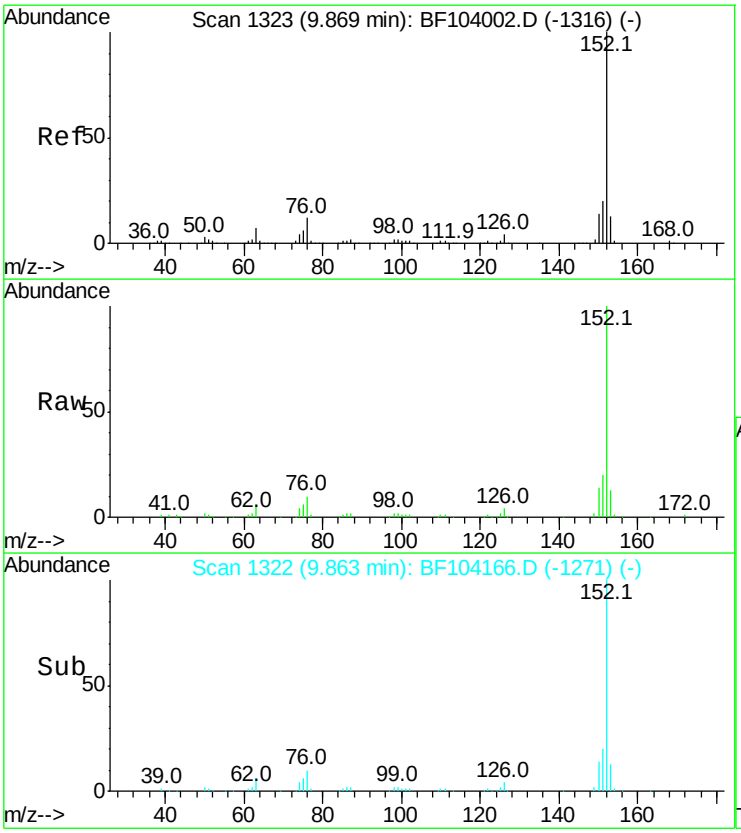
#44
2-Fluorobiphenyl
Concen: 68.153 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 621969

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

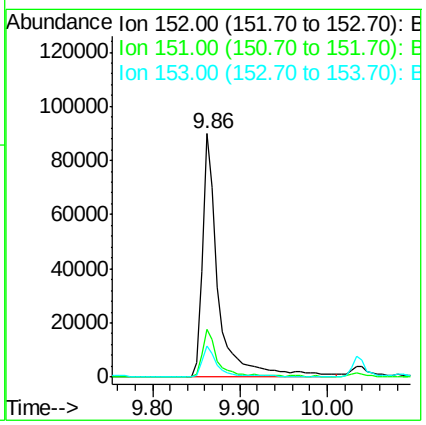


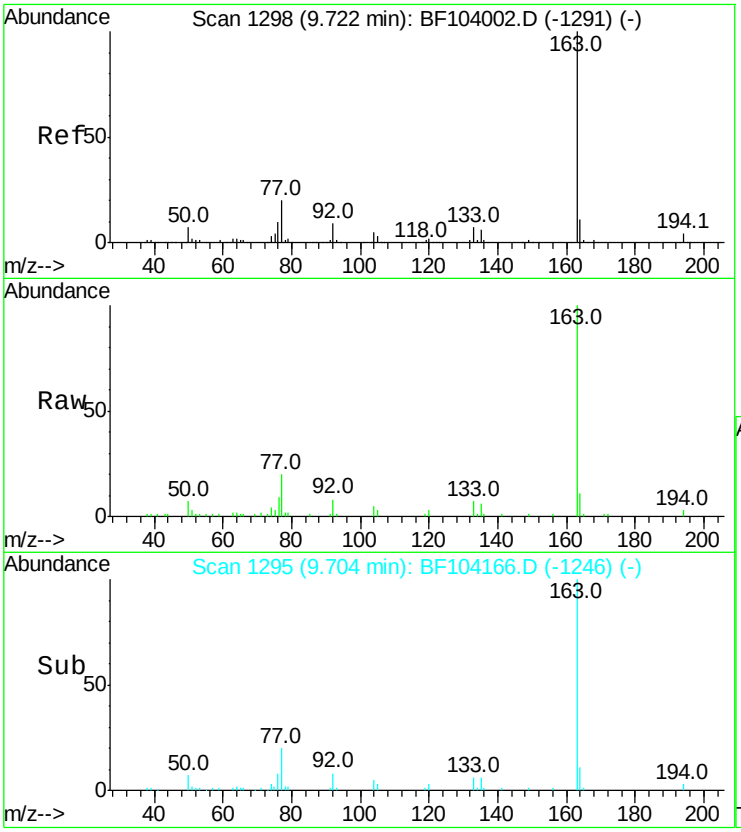


#48
Acenaphthylene
Concen: 7.768 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Tgt Ion:152 Resp: 114664

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	13.0	10.7	16.1



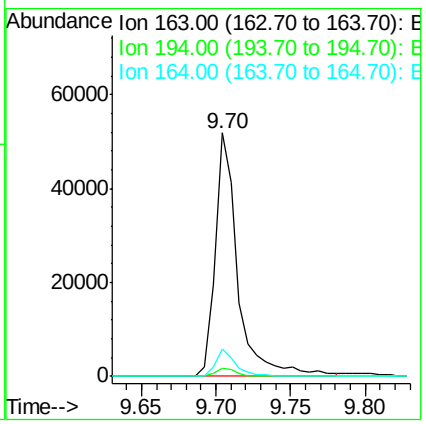


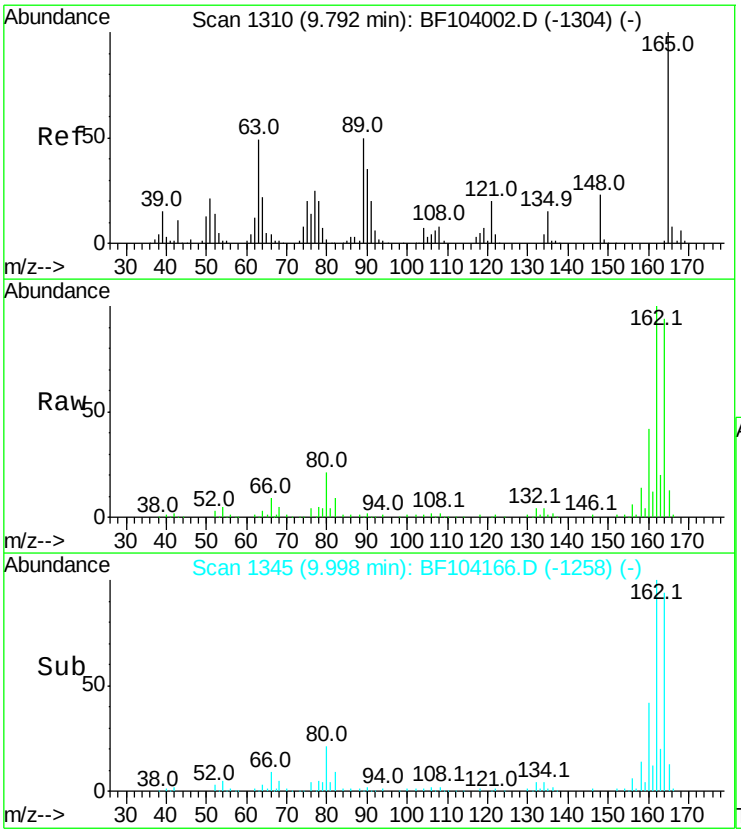
#49
Dimethylphthalate
Concen: 4.803 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 54573

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	11.1	8.2	12.2

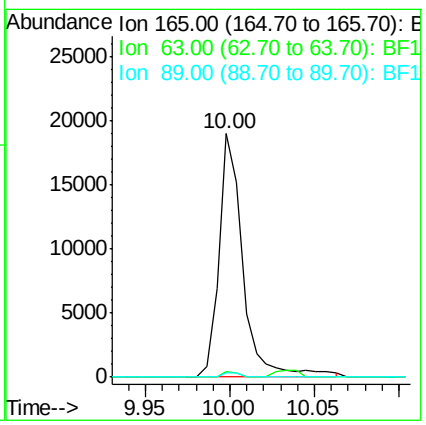


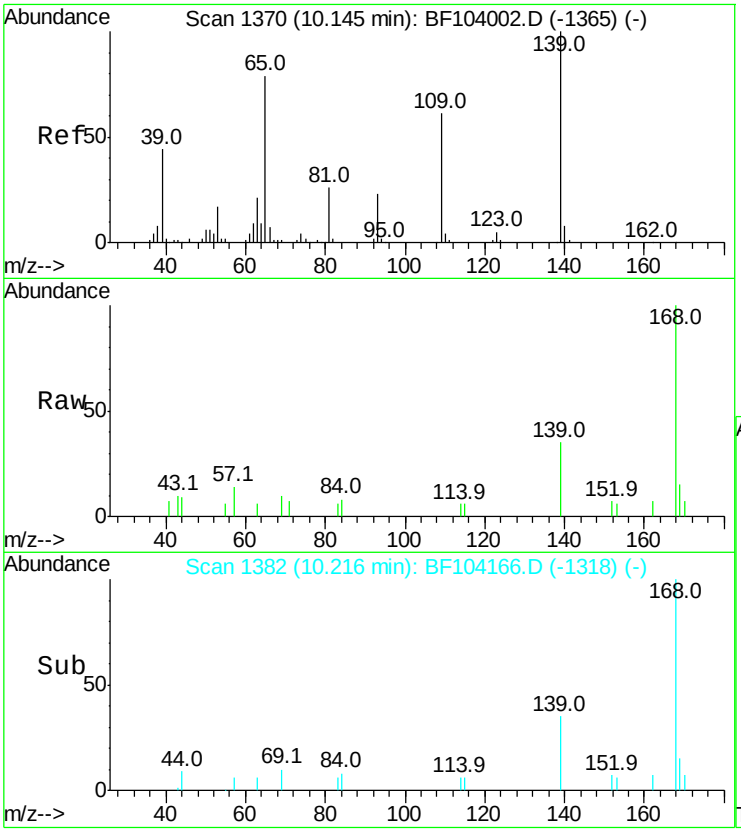


#50
2,6-Dinitrotoluene
Concen: 7.672 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.21 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Tgt Ion:165 Resp: 18755

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.7	67.1#
89	1.6	44.0	66.0#



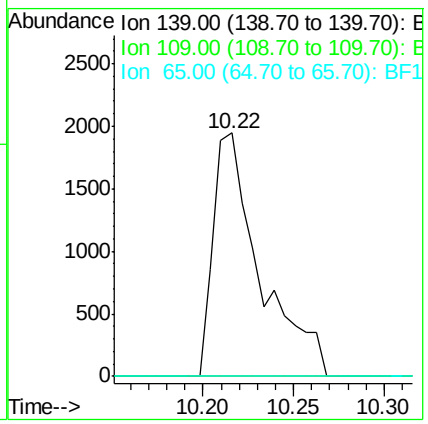


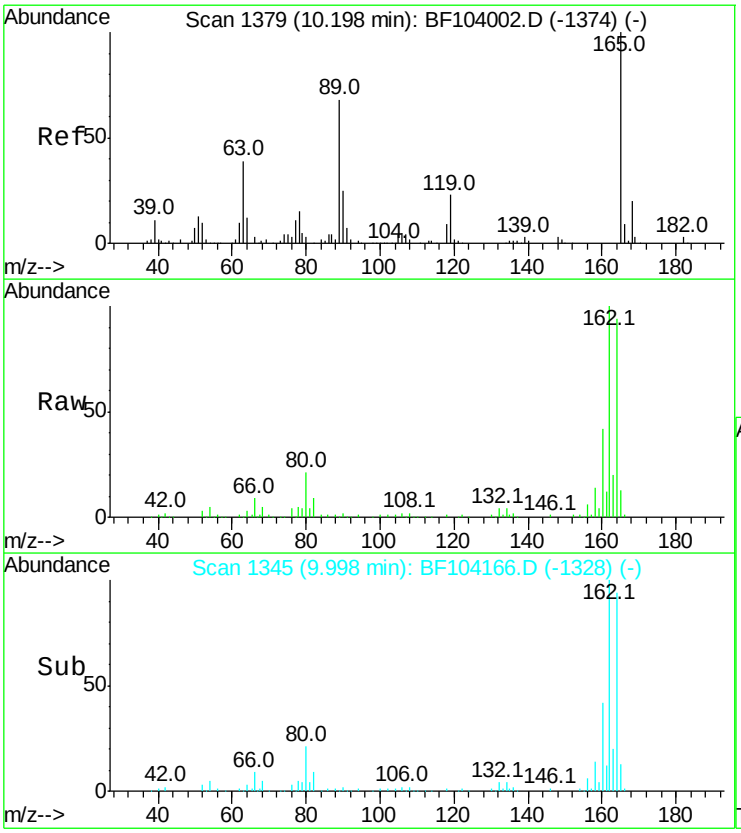
#55
4-Nitrophenol
Concen: 2.081 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.08 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 3507

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

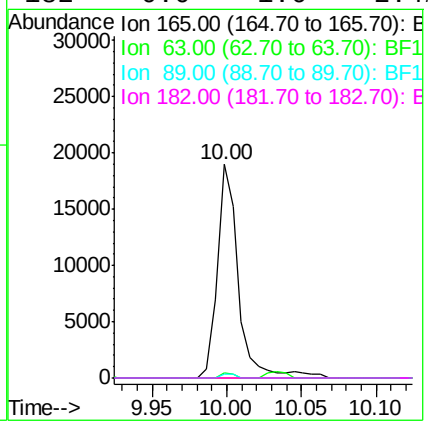


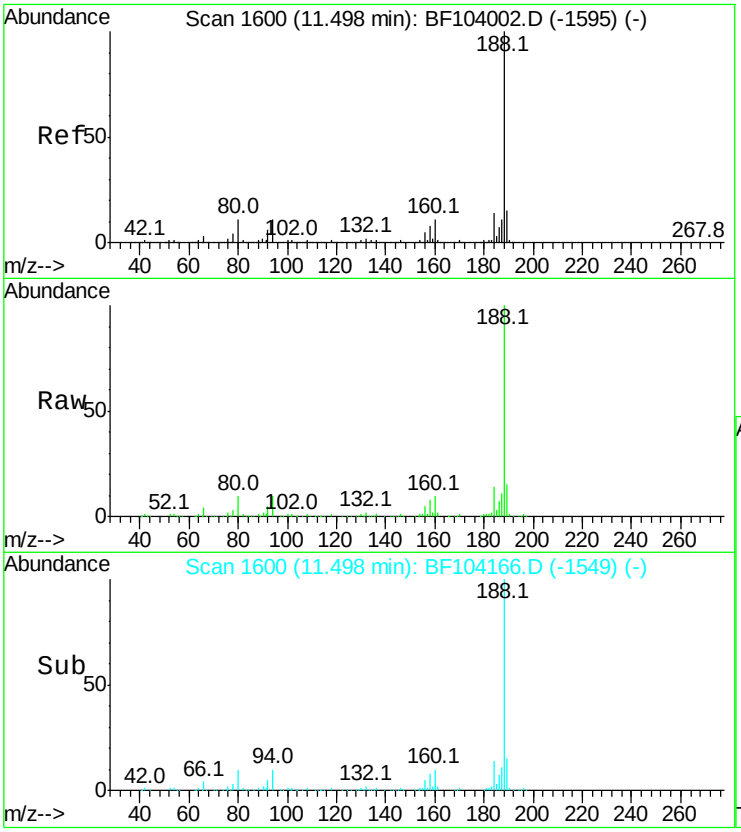


#56
2,4-Dinitrotoluene
Concen: 6.013 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.20 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Tgt Ion:165 Resp: 18755

Ion	Ratio	Lower	Upper
165	100		
63	2.3	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



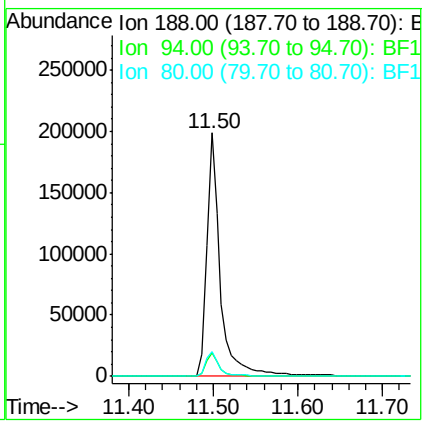


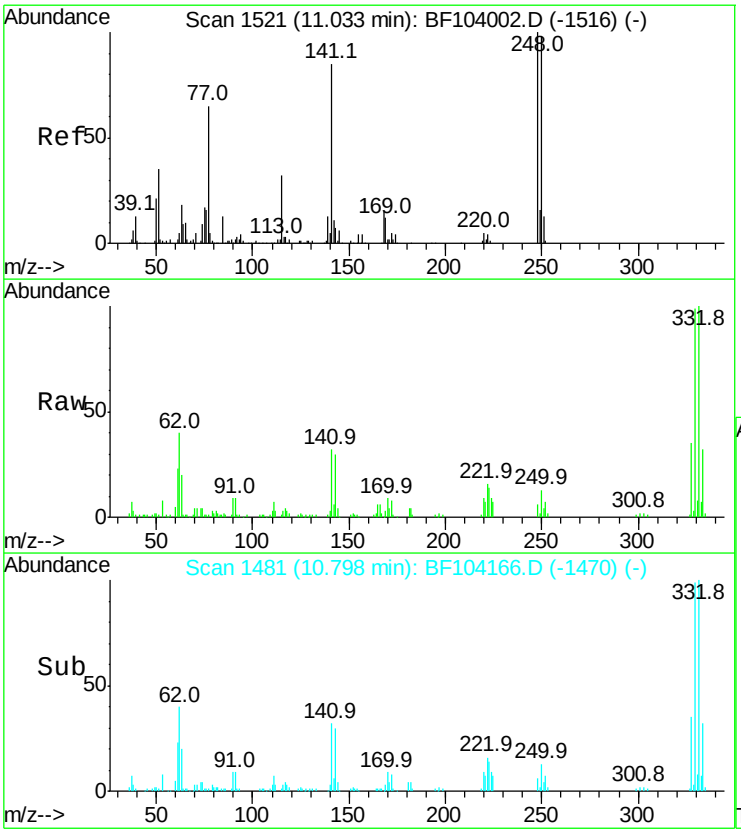
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 224139

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.2	9.2	13.8

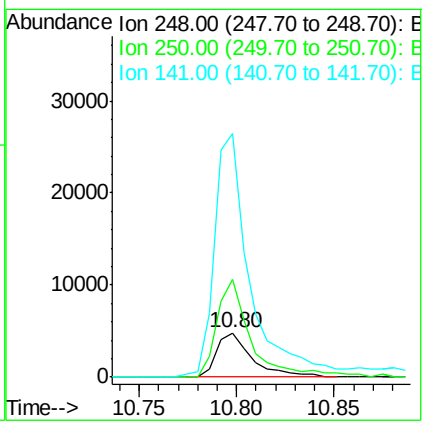


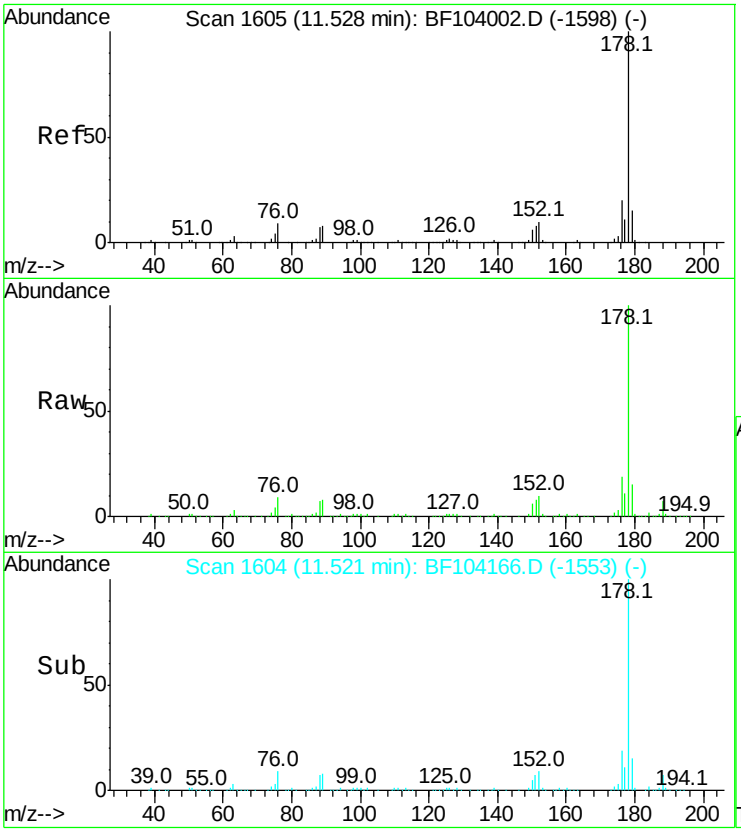


#66
4-Bromophenyl-phenylether
Concen: 2.515 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Tgt Ion:248 Resp: 6031

Ion	Ratio	Lower	Upper
248	100		
250	221.0	76.9	115.3#
141	552.8	74.4	111.6#



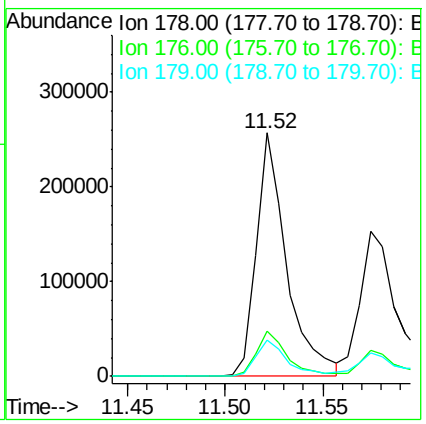


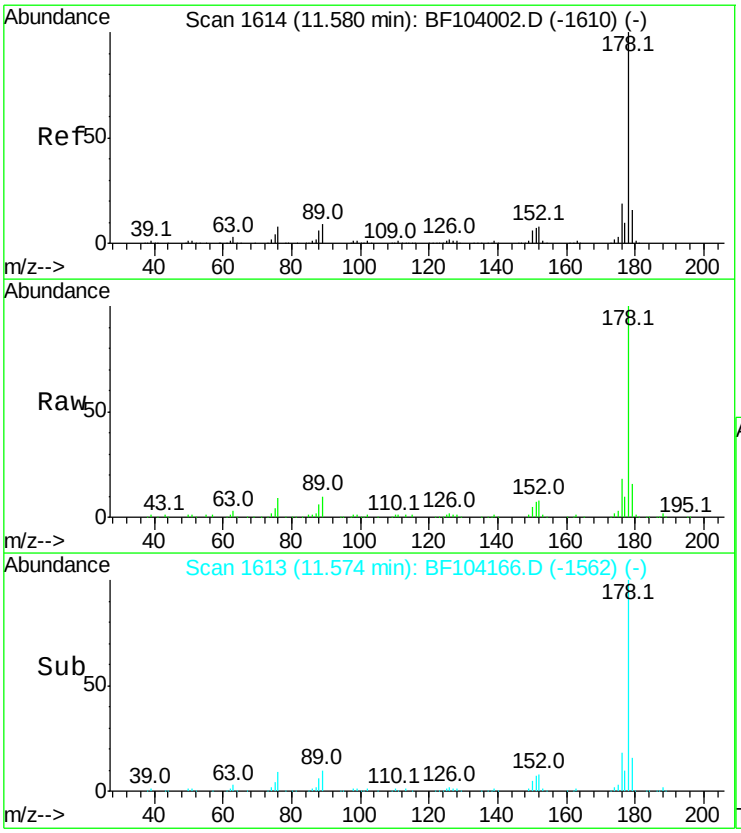
#70
Phenanthrene
Concen: 22.795 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 276621

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.1	13.0	19.6

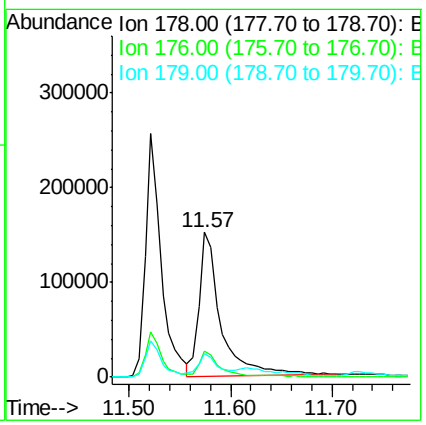


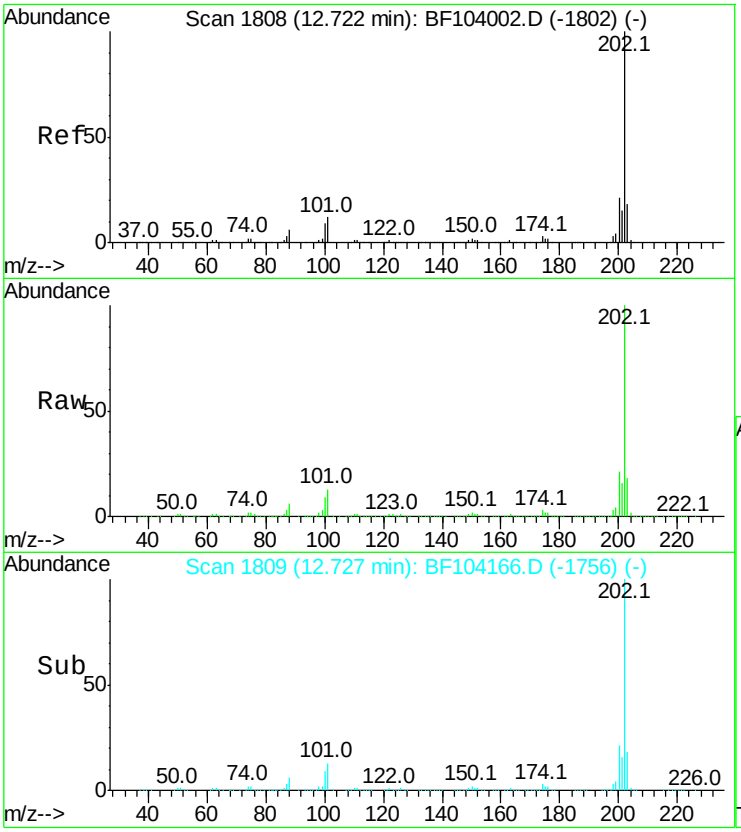


#71
Anthracene
Concen: 17.722 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.00 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Tgt Ion:178 Resp: 224634

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.8	12.6	19.0



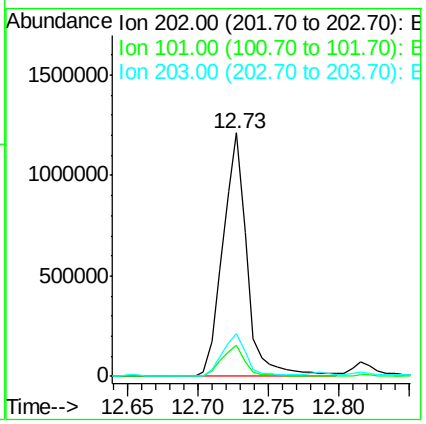


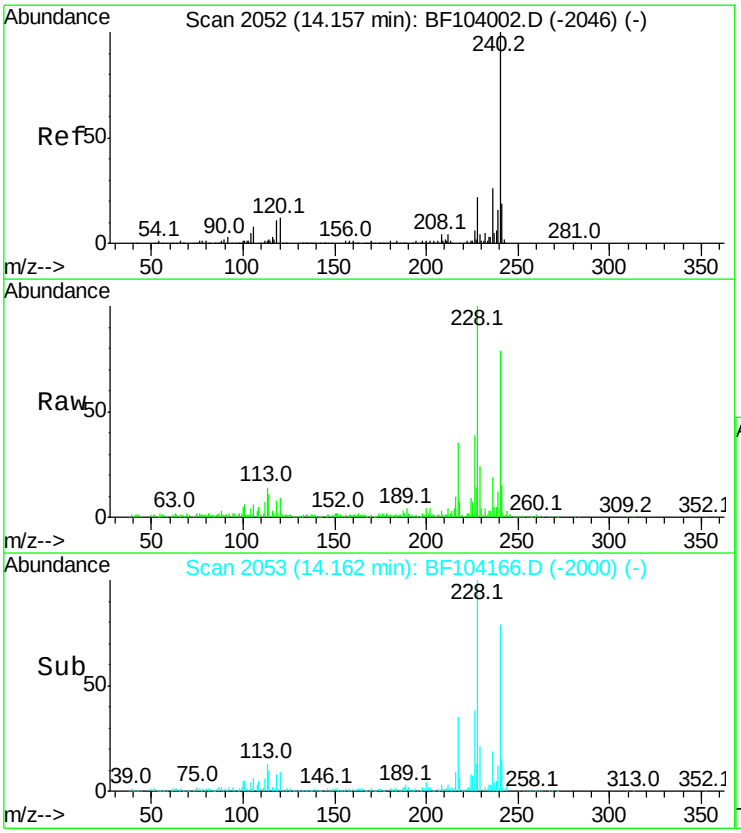
#74
Fluoranthene
Concen: 111.696 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1440780

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	17.7	0.0	38.1

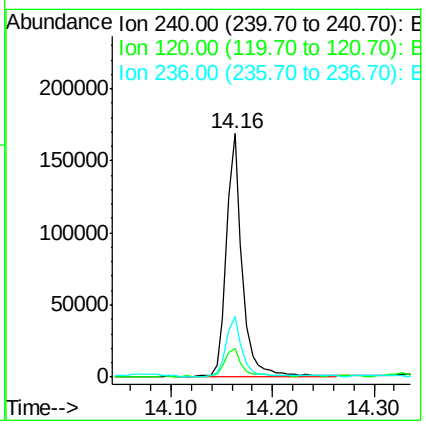


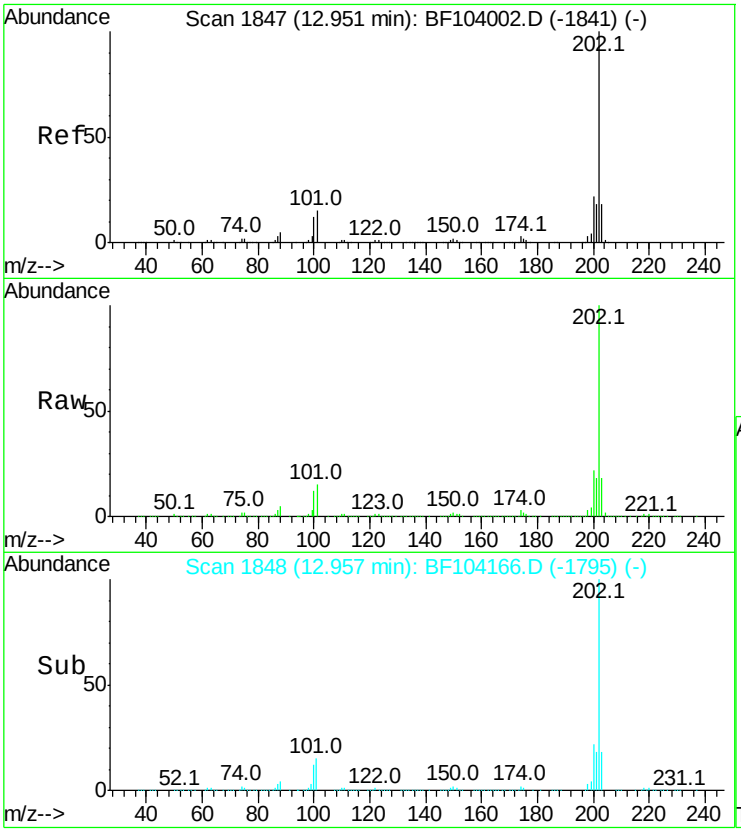


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Tgt Ion:240 Resp: 180275

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	24.7	20.7	31.1



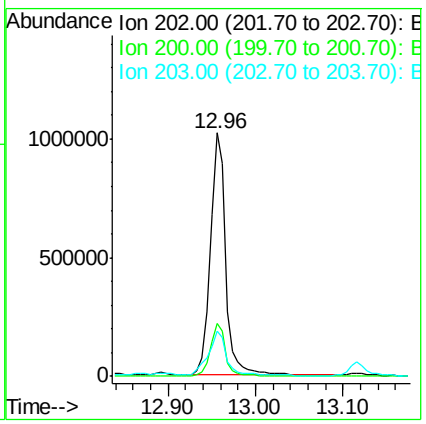


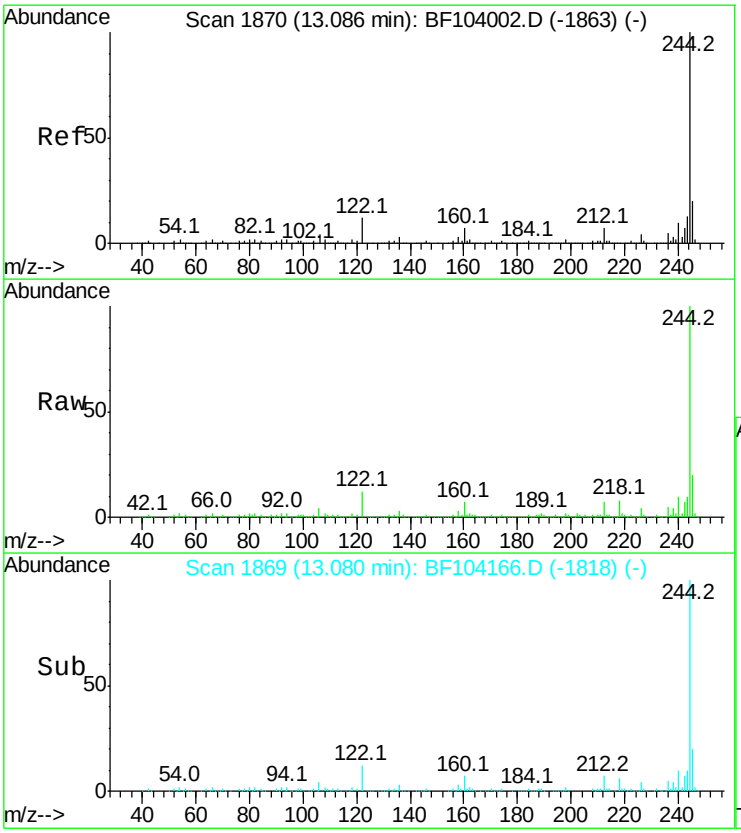
#77
Pyrene
Concen: 96.171 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1246303

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.4	14.3	21.5

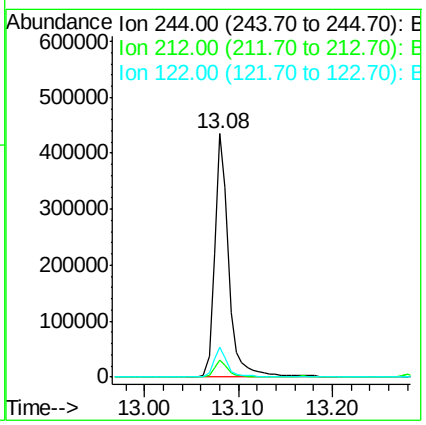


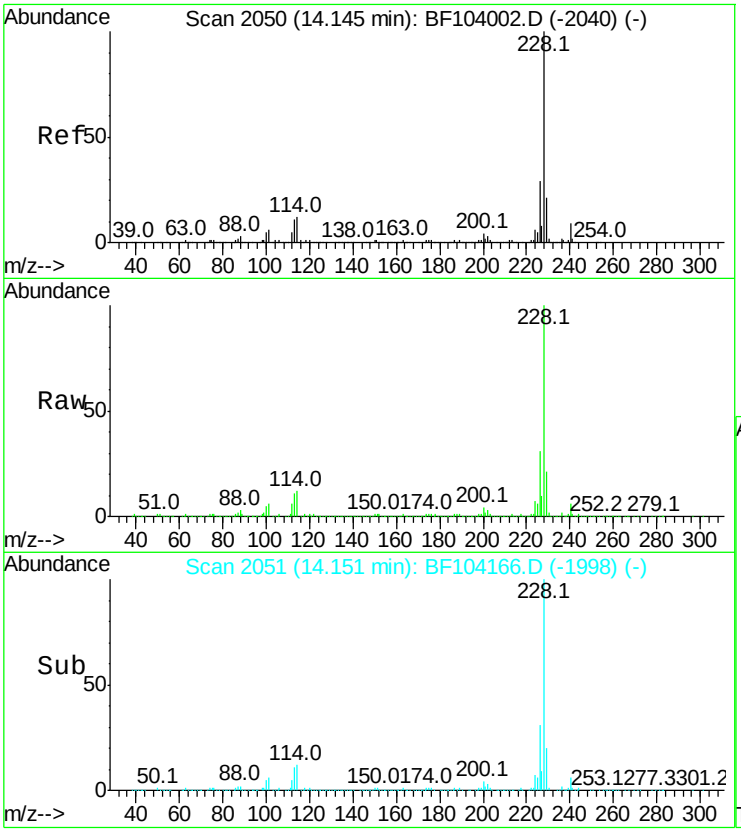


#78
Terphenyl-d14
Concen: 58.727 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Tgt Ion:244 Resp: 458520

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.4	11.0	16.4



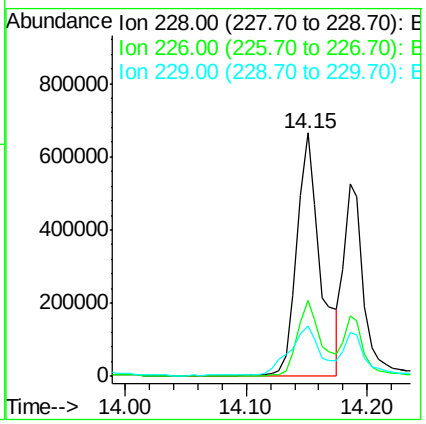


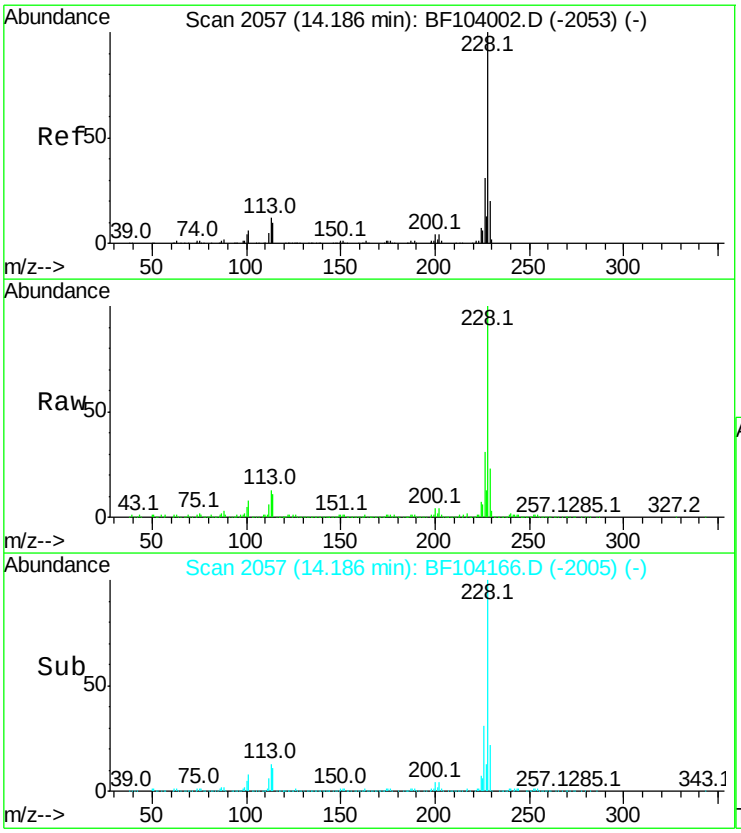
#80
Benzo(a)anthracene
Concen: 78.818 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 889078

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	20.7	15.8	23.6

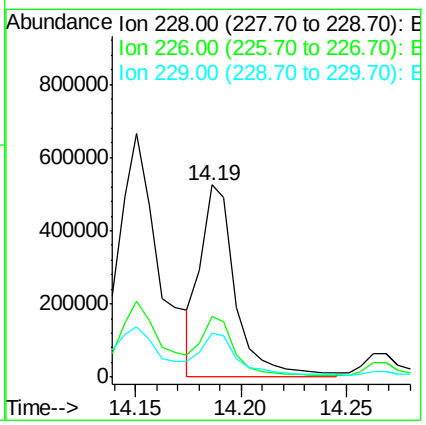


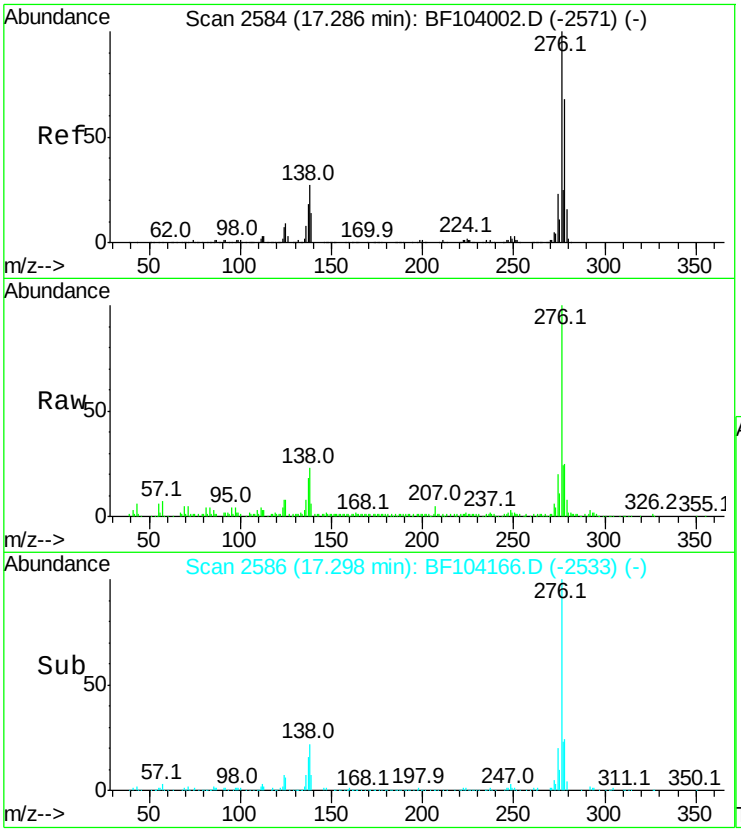


#82
Chrysene
Concen: 54.501 ng
RT: 14.19 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Tgt Ion:228 Resp: 602144

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.9	16.2	24.4



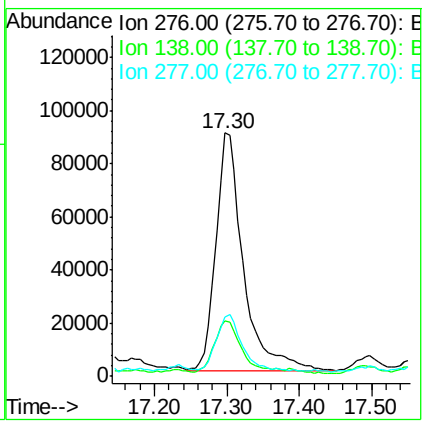


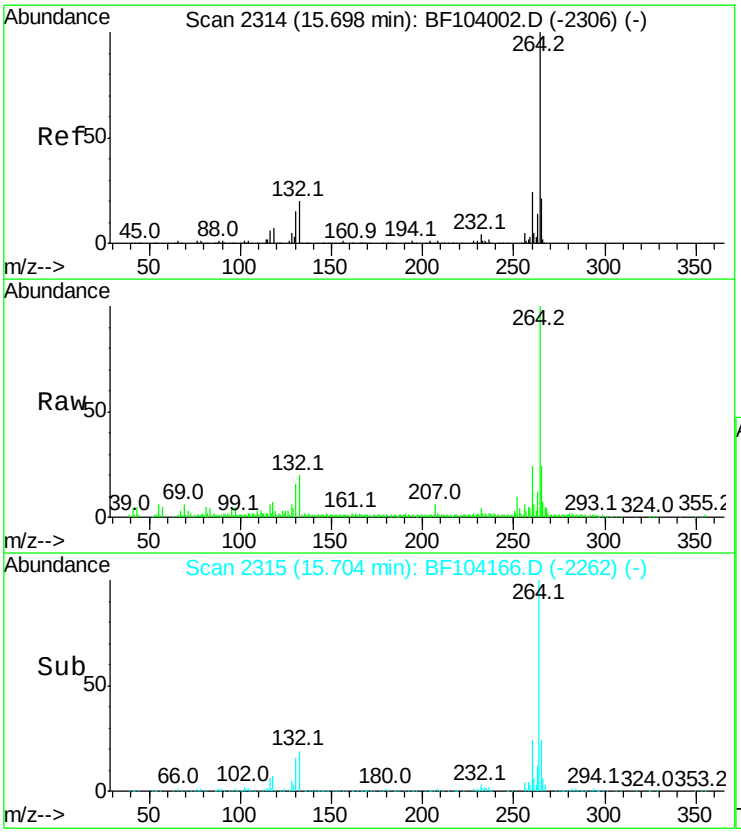
#85
Indeno(1,2,3-cd)pyrene
Concen: 20.705 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 237051

Ion	Ratio	Lower	Upper
276	100		
138	20.6	25.0	37.6#
277	23.0	20.1	30.1

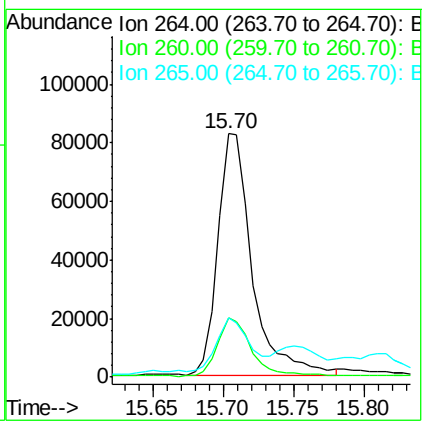


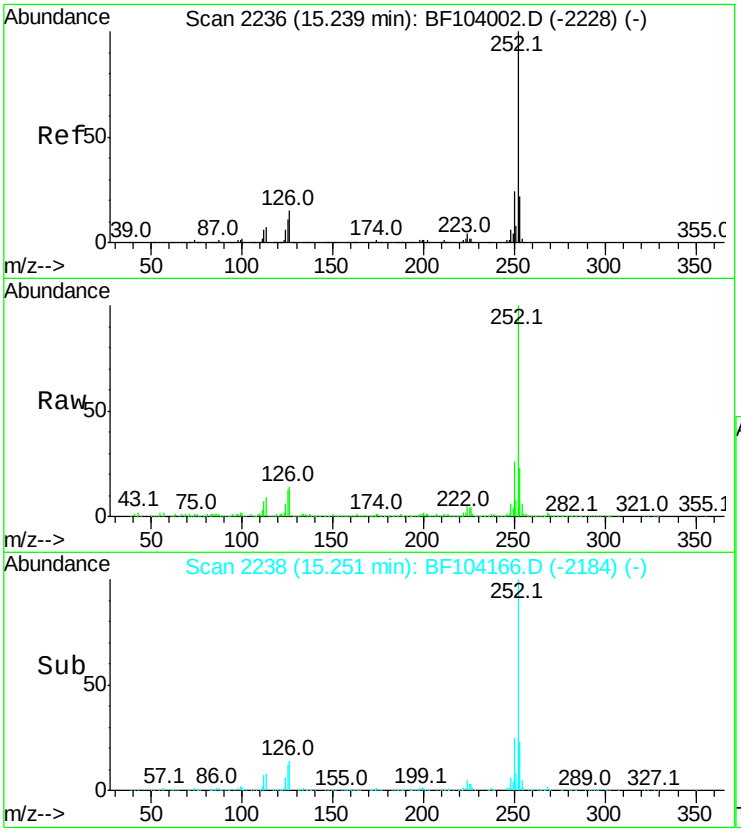


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Tgt Ion:264 Resp: 139226

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	24.4	17.5	26.3



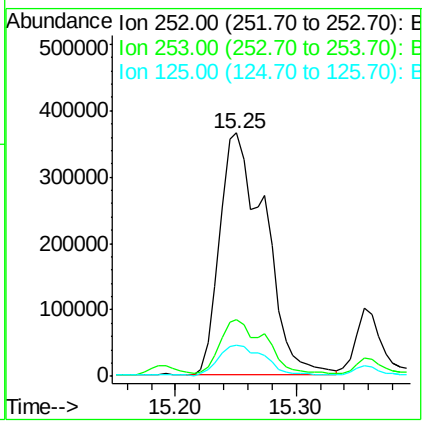


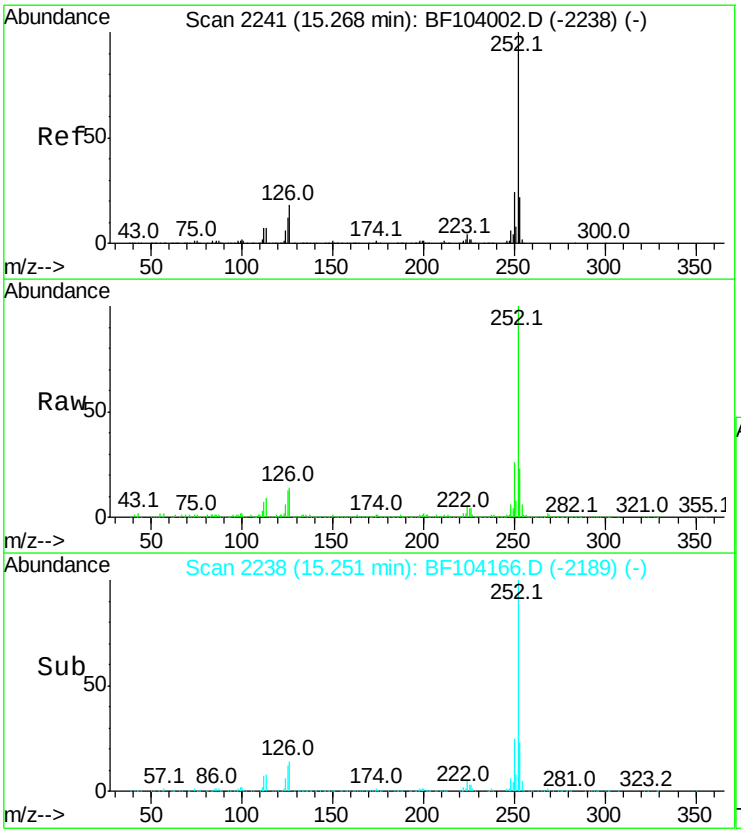
#87
Benzo(b)fluoranthene
Concen: 112.874 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.02 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 956398

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	12.8	9.0	13.6

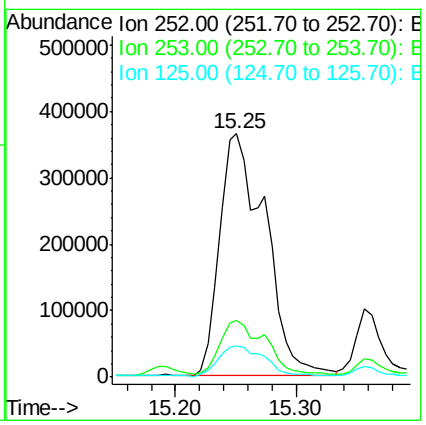


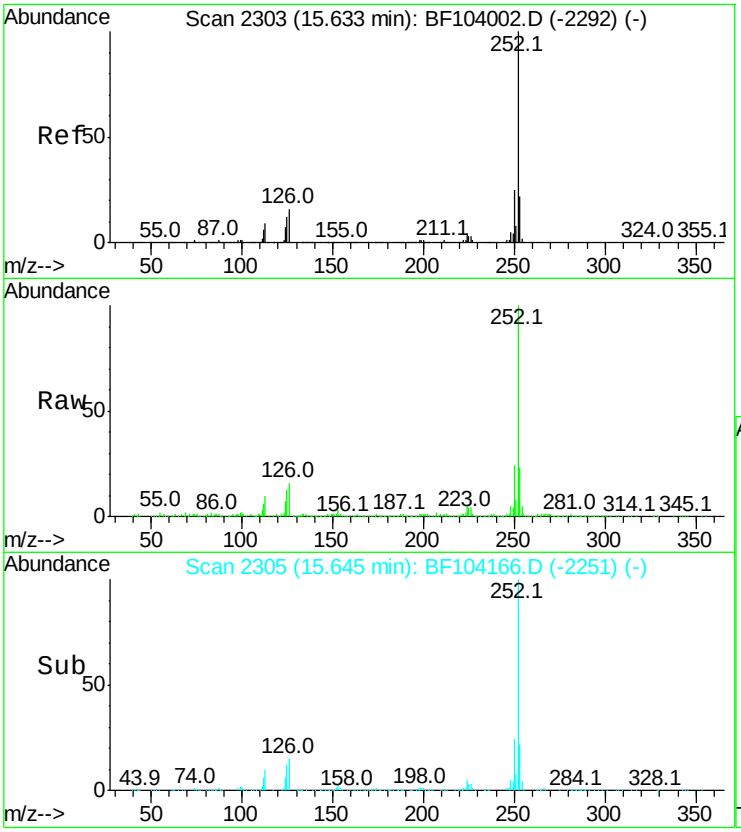


#88
Benzo(k)fluoranthene
Concen: 119.823 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Tgt Ion:252 Resp: 956398

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	12.8	10.2	15.2



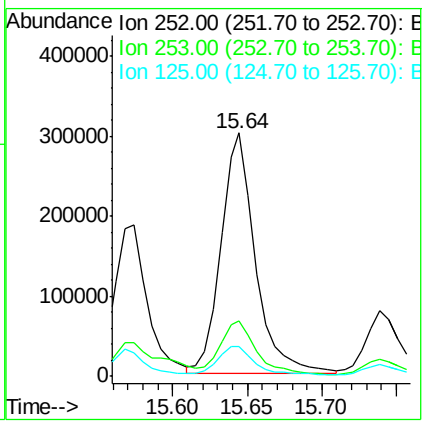


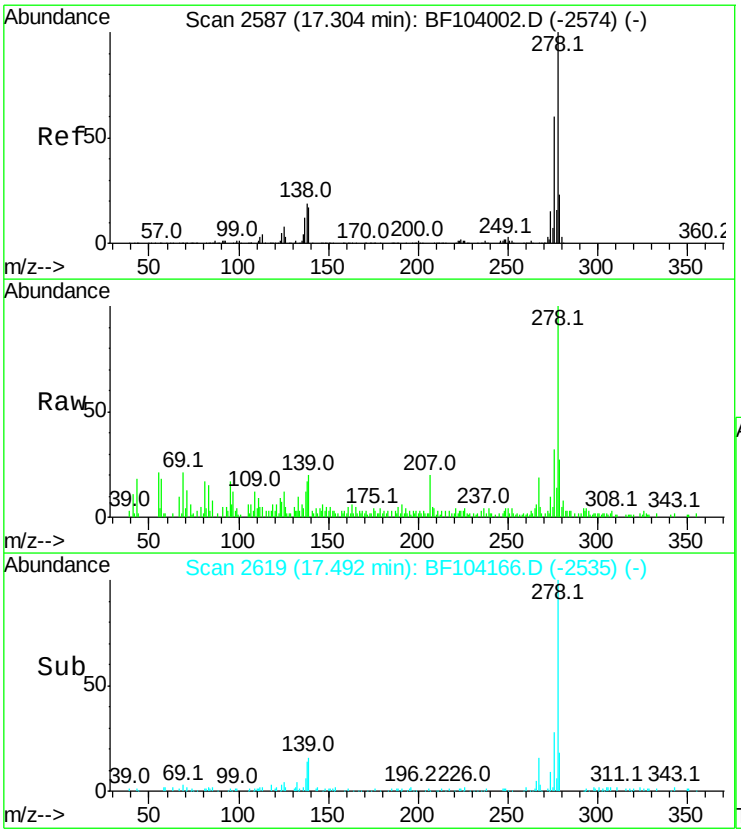
#89
Benzo(a)pyrene
Concen: 62.187 ng
RT: 15.64 min Scan# 2305
Delta R.T. 0.02 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 488296

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	12.5	9.8	14.6

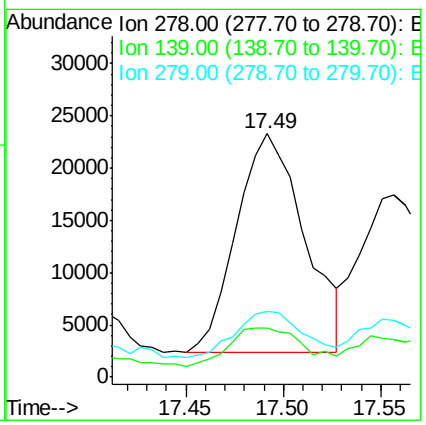


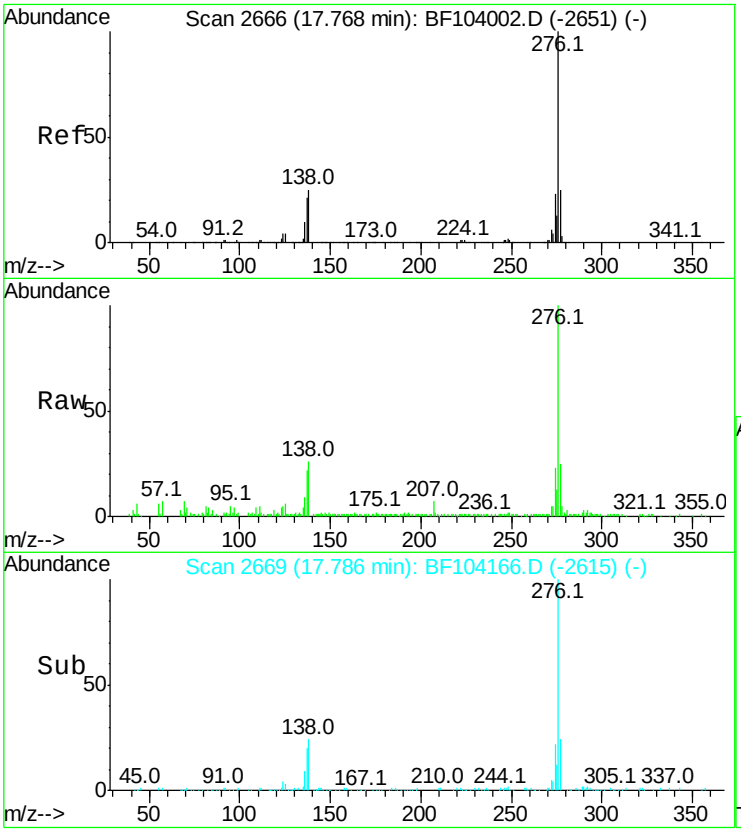


#90
Dibenzo(a,h)anthracene
Concen: 6.967 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.19 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Tgt Ion:278 Resp: 50578

Ion	Ratio	Lower	Upper
278	100		
139	20.0	15.9	23.9
279	27.2	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 27.330 ng
RT: 17.79 min Scan# 2669
Delta R.T. 0.02 min
Lab File: BF104166.D
Acq: 3 Apr 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 198731

Ion	Ratio	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	26.2	21.8	32.8