Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098530.D
Acq On : 14 Sep 2017 15:40
Operator : SJ/JU
Sample : I5159-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-9A-2

Quant Time: Sep 14 17:58:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 14 17:58:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	134052	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	552079	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	244724	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	389827	20.00	ng		0.00
75) Chrysene-d12	13.80	240	249408	20.00	ng		0.00
86) Perylene-d12	15.19	264	289590	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1129088	124.53	ng		0.00
7) Phenol-d6	6.30	99	1376674	119.59	ng		0.00
23) Nitrobenzene-d5	7.22	82	848505	85.68	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	219038	134.10	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	1328742	92.03	ng		0.00
78) Terphenyl-d14	12.74	244	785816	68.01	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.31	94	39054	2.921	ng		78
15) Benzyl Alcohol	6.80	79	15546	2.029	ng	#	33
19) n-Nitroso-di-n-propylamine	7.22	70	112287	15.507	ng	#	78
25) Isophorone	7.22	82	842902	42.069	ng	#	67
31) Naphthalene	7.95	128	93530	3.427	ng		99
32) Benzoic acid	7.75	122	1570	8.194	ng	#	75
37) 2-Methylnaphthalene	8.65	142	51632	3.123	ng		97
48) Acenaphthylene	9.54	152	153928	6.618	ng		98
49) Dimethylphthalate	9.40	163	207485	10.953	ng		99
53) 2,4-Dinitrophenol	9.93	184	112	8.579	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.49	198	1273	5.442	ng		81
66) 4-Bromophenyl-phenylether	10.47	248	16843	4.552	ng	#	1
70) Phenanthrene	11.19	178	193776	9.377	ng		98
71) Anthracene	11.23	178	76159	3.589	ng		97
74) Fluoranthene	12.37	202	356735	17.243	ng		98
77) Pyrene	12.60	202	386553	19.647	ng		98
80) Benzo(a)anthracene	13.82	228	280617	19.191	ng		97
82) Chrysene	13.82	228	280617	18.985	ng		97
85) Indeno(1,2,3-cd)pyrene	16.53	276	181057	17.460	ng		91
87) Benzo(b)fluoranthene	14.80	252	525058	28.836	ng		98
88) Benzo(k)fluoranthene	14.80	252	525058	30.888	ng		97
89) Benzo(a)pyrene	15.14	252	249030	15.351	ng		97
90) Dibenzo(a,h)anthracene	16.68	278	35229	2.985	ng		91
91) Benzo(g,h,i)perylene	16.93	276	164532	13.862	ng		96

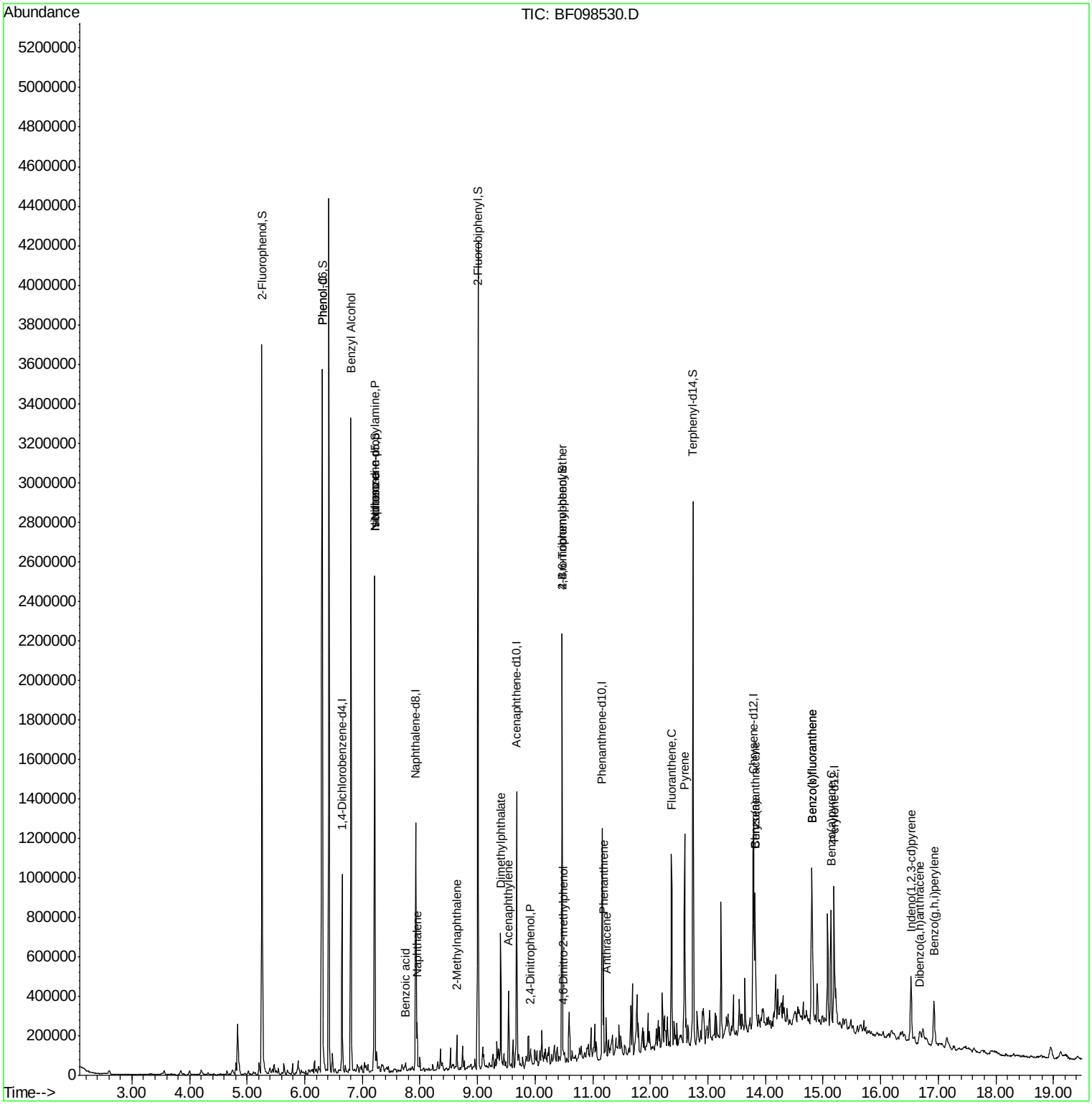
(#) = qualifier out of range (m) = manual integration (+) = signals summed

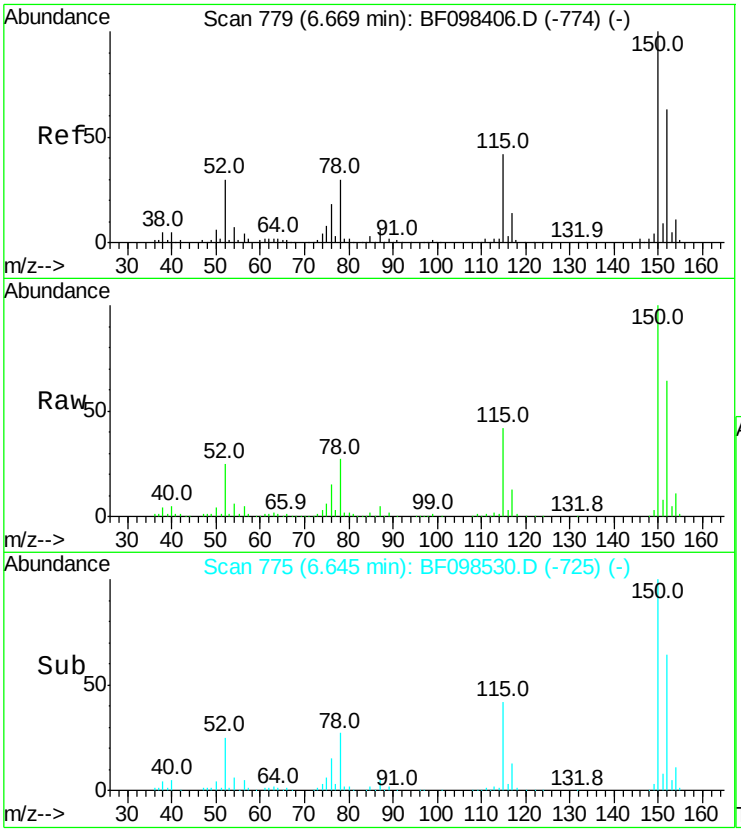
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098530.D
Acq On : 14 Sep 2017 15:40
Operator : SJ/JU
Sample : I5159-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Quant Time: Sep 14 17:58:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 14 17:58:04 2017
Response via : Initial Calibration



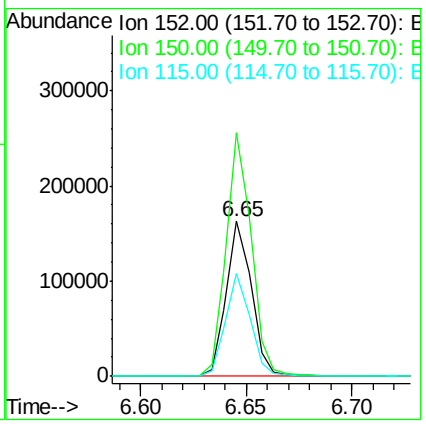


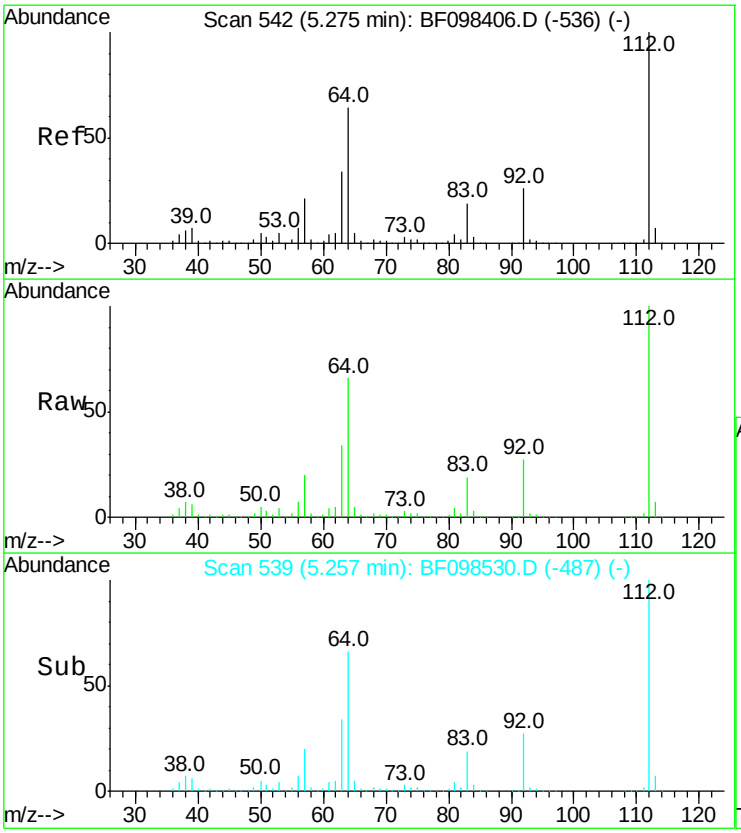
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Tgt Ion:152 Resp: 134052

Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	66.3	52.2	78.2

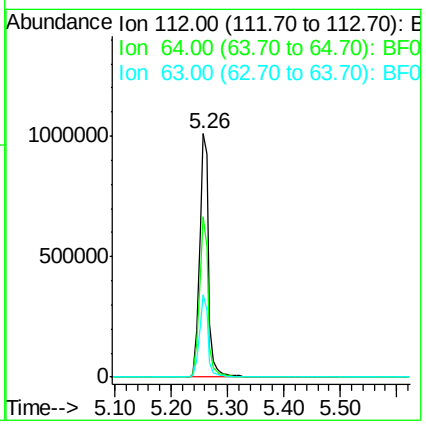


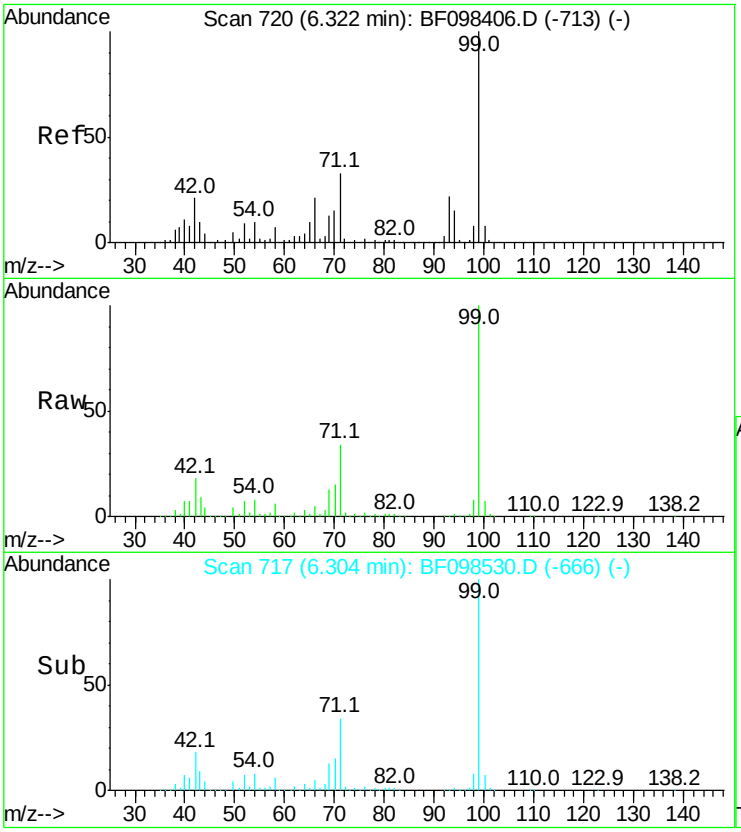


#5
2-Fluorophenol
Concen: 124.533 ng
RT: 5.26 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Tgt Ion:112 Resp: 1129088

Ion	Ratio	Lower	Upper
112	100		
64	66.0	46.0	69.0
63	33.7	23.4	35.0



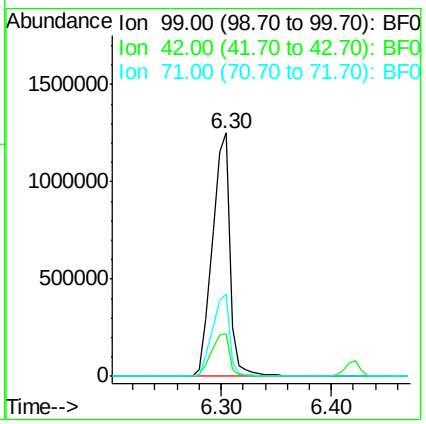


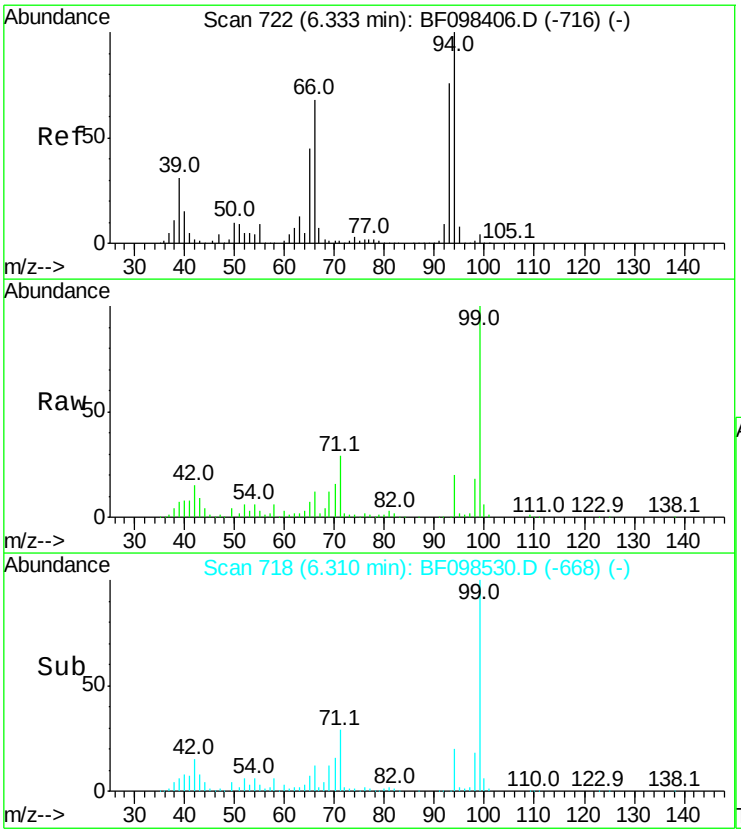
#7
Phenol-d6
Concen: 119.591 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Tgt Ion: 99 Resp: 1376674

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	33.8	24.5	36.7

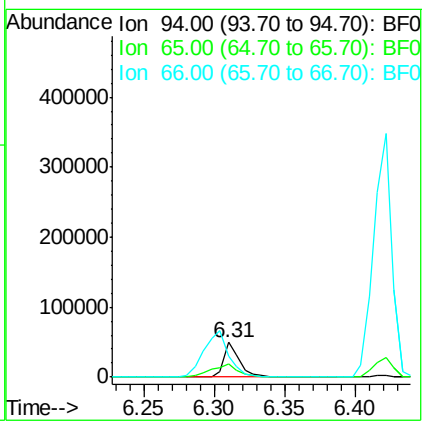


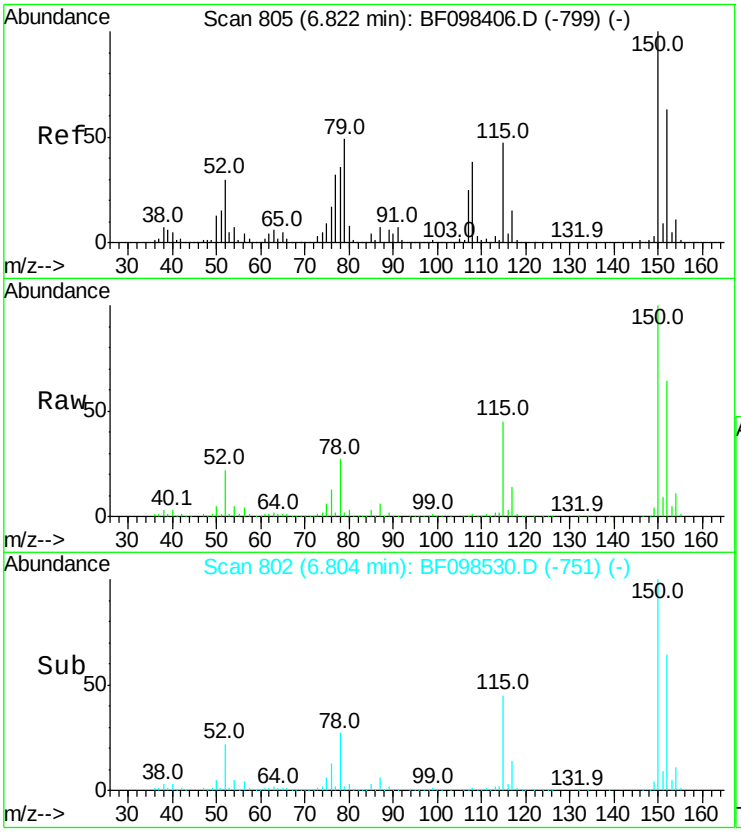


#10
Phenol
Concen: 2.921 ng
RT: 6.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Tgt Ion: 94 Resp: 39054

Ion	Ratio	Lower	Upper
94	100		
65	37.5	9.9	49.9
66	60.4	23.1	63.1



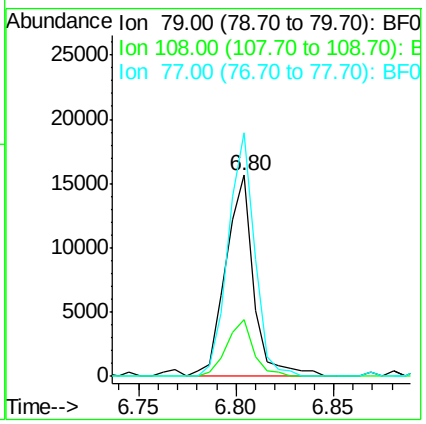


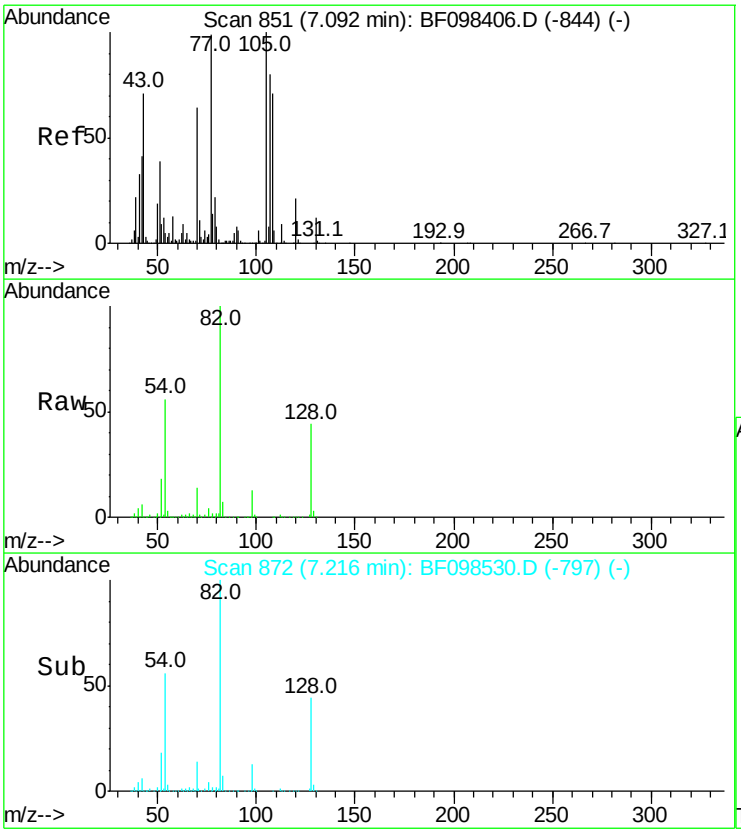
#15
Benzyl Alcohol
Concen: 2.029 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Tgt Ion: 79 Resp: 15546

Ion	Ratio	Lower	Upper
79	100		
108	28.5	63.4	95.0#
77	121.1	49.2	73.8#

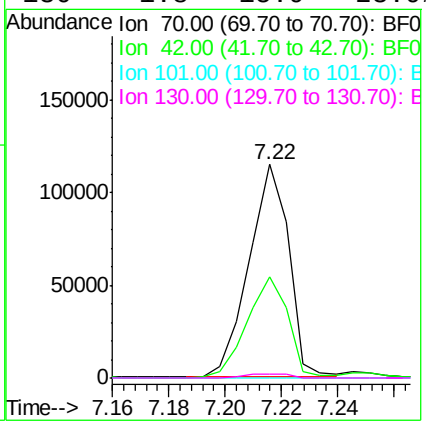


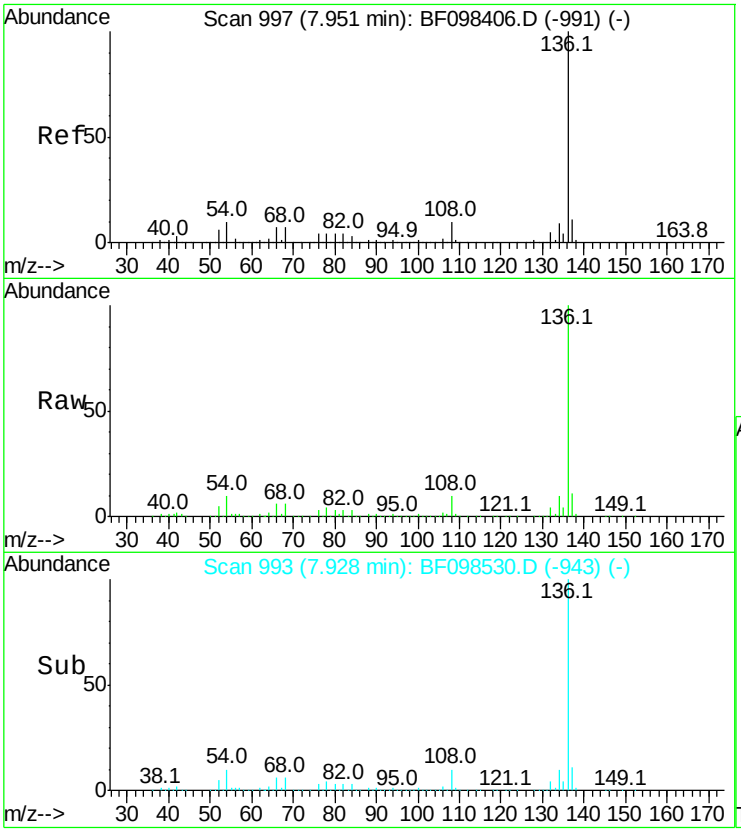


#19
n-Nitroso-di-n-propylamine
Concen: 15.507 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.14 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Tgt Ion: 70 Resp: 112287

Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.2	70.8#
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#



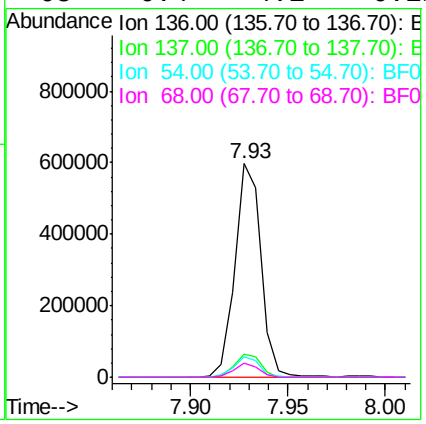


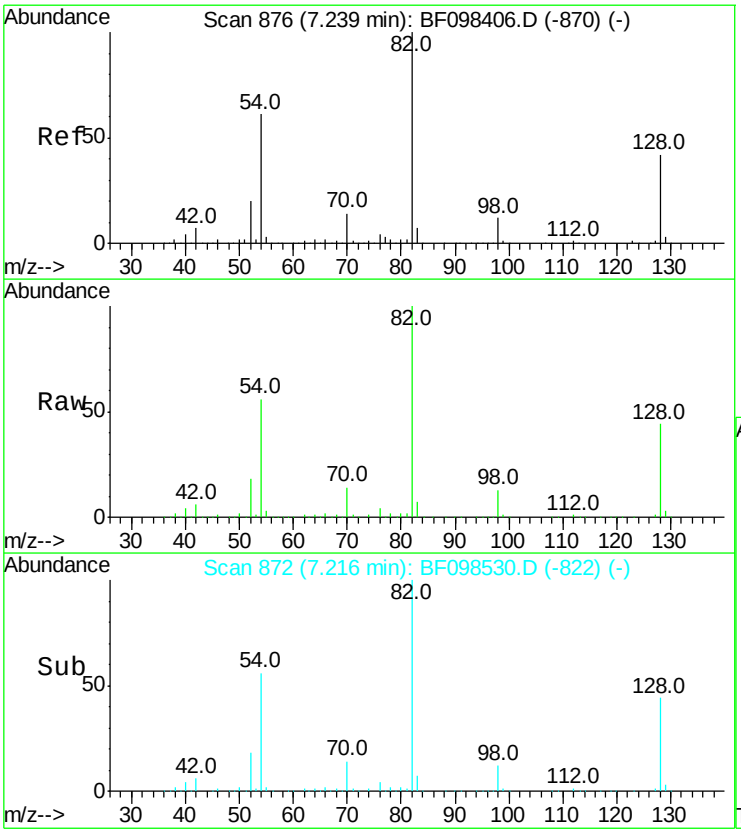
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Tgt Ion:136 Resp: 552079

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.6	4.9	7.3#
68	6.4	4.1	6.1#

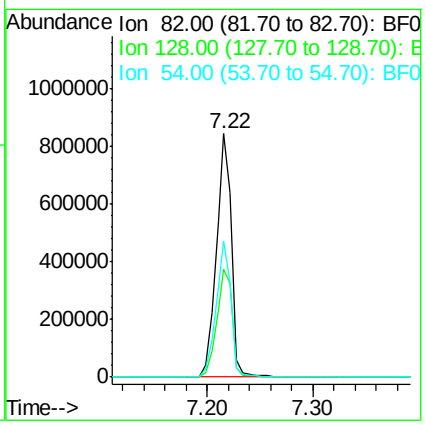


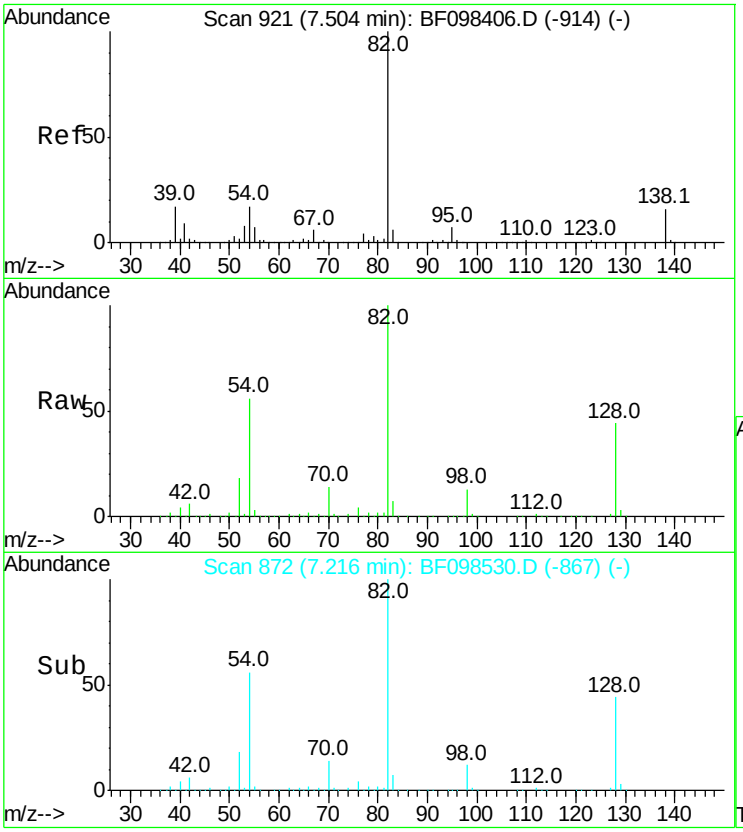


#23
Nitrobenzene-d5
Concen: 85.683 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Tgt Ion: 82 Resp: 848505

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.0	51.0
54	55.6	42.2	63.2



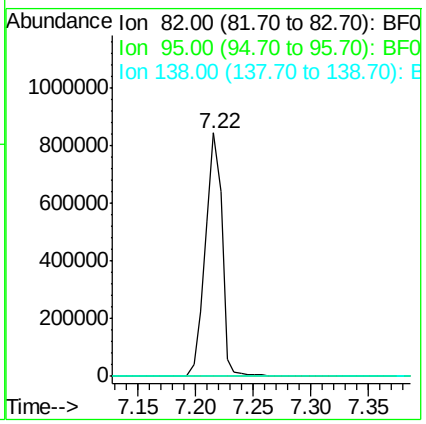


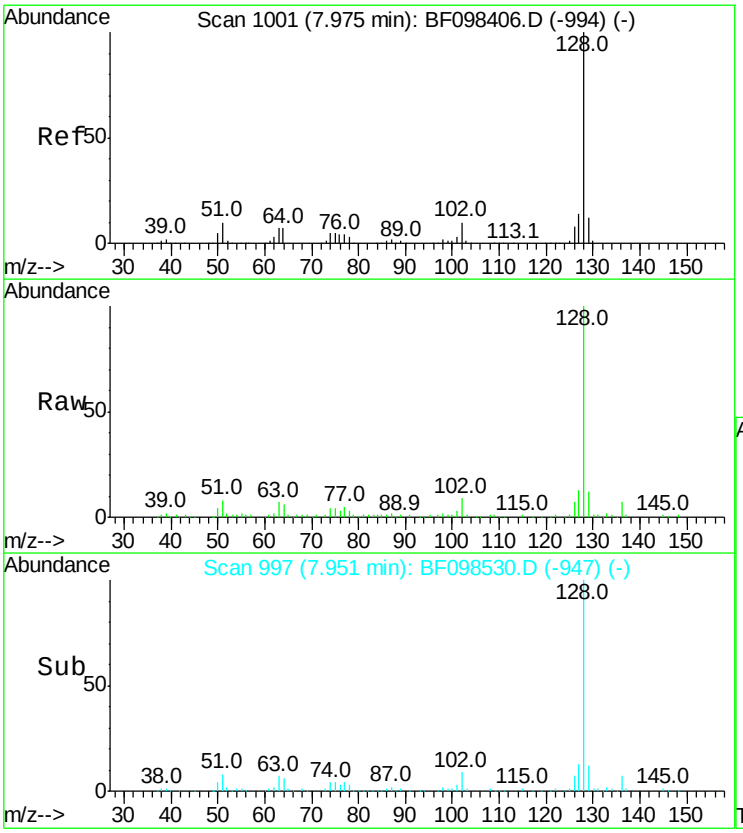
#25
Isophorone
Concen: 42.069 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.27 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Tgt Ion: 82 Resp: 842902

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.3	7.9#
138	0.0	13.1	19.7#

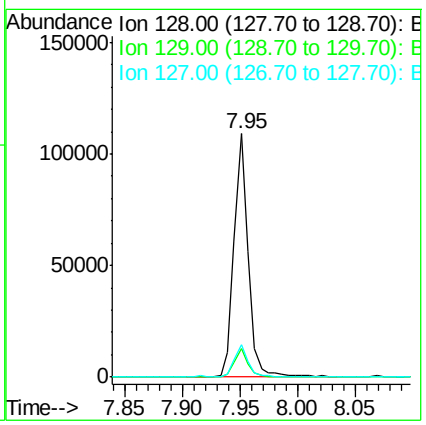


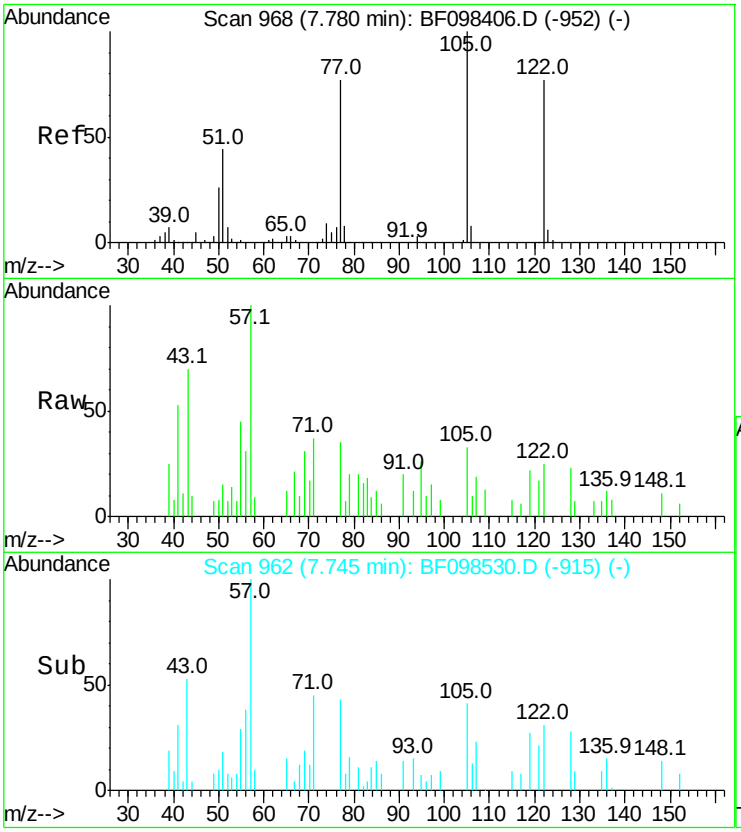


#31
Naphthalene
Concen: 3.427 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Tgt Ion:128 Resp: 93530

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.1	10.8	16.2



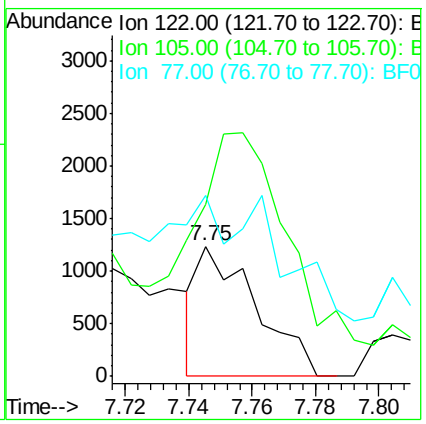


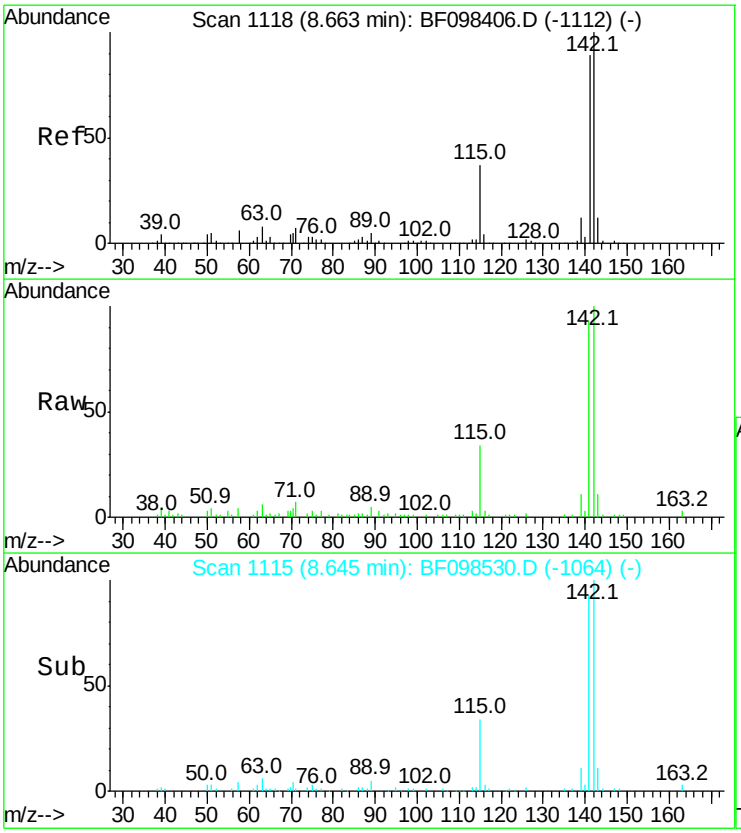
#32
Benzoic acid
Concen: 8.194 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.02 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Tgt Ion:122 Resp: 1570

Ion	Ratio	Lower	Upper
122	100		
105	132.2	103.3	143.3
77	139.2	73.7	113.7#

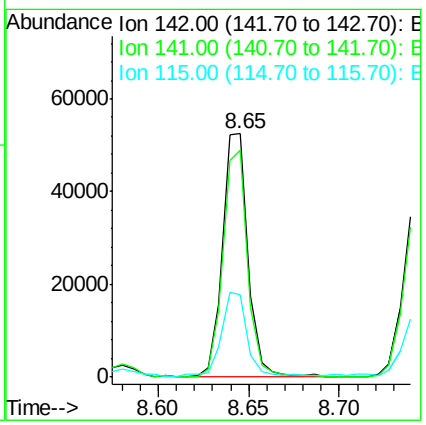


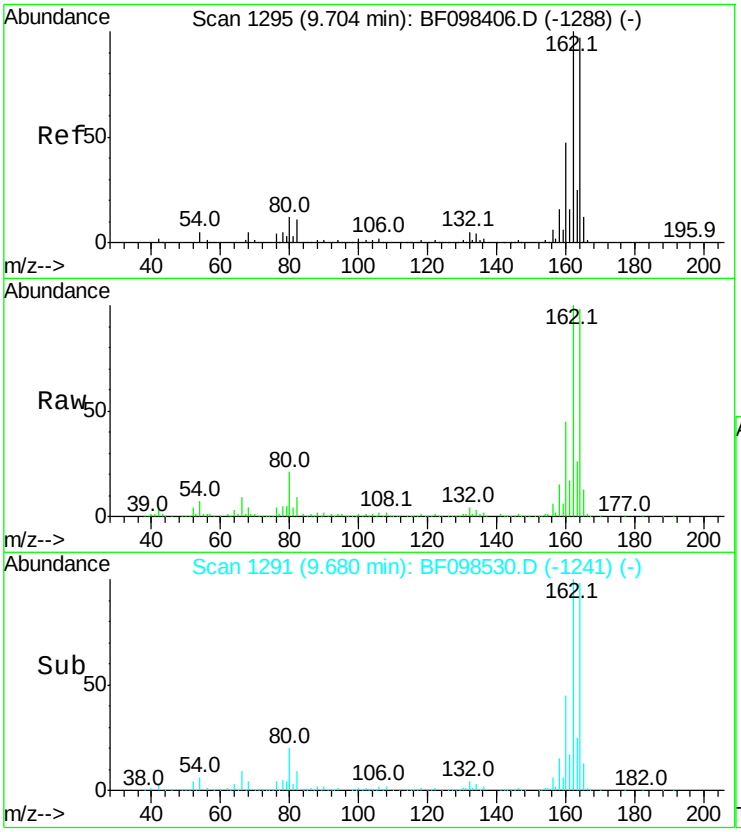


#37
2-Methylnaphthalene
Concen: 3.123 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Tgt Ion:142 Resp: 51632

Ion	Ratio	Lower	Upper
142	100		
141	93.4	71.3	106.9
115	33.6	27.1	40.7



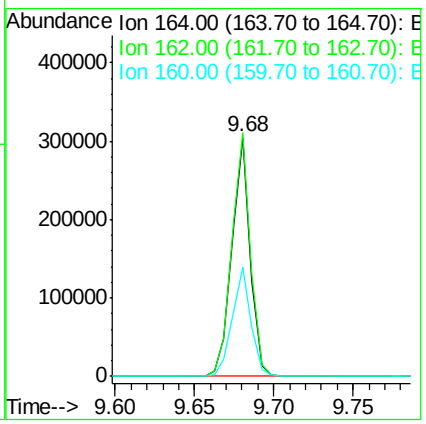


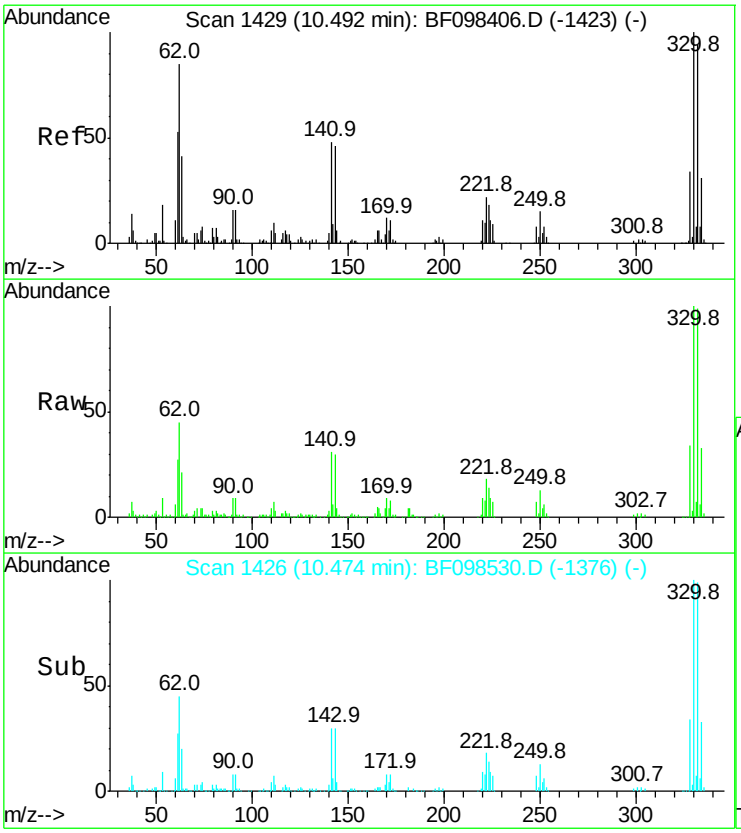
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Tgt Ion:164 Resp: 244724

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	45.9	36.2	54.2

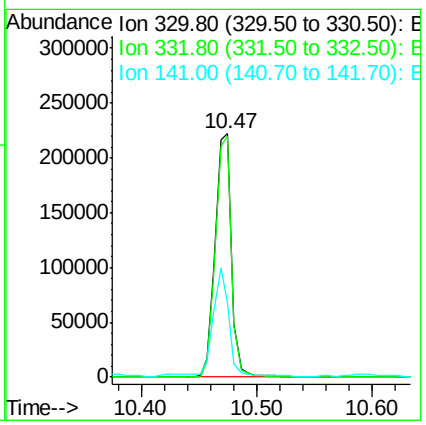


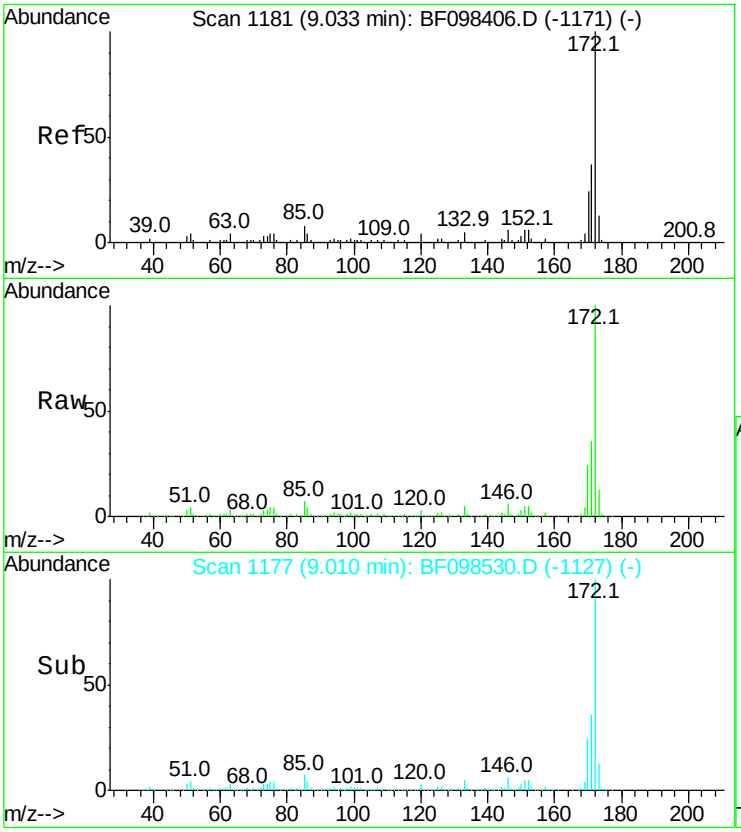


#41
2,4,6-Tribromophenol
Concen: 134.105 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Tgt Ion:330 Resp: 219038

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	44.4	31.4	47.2



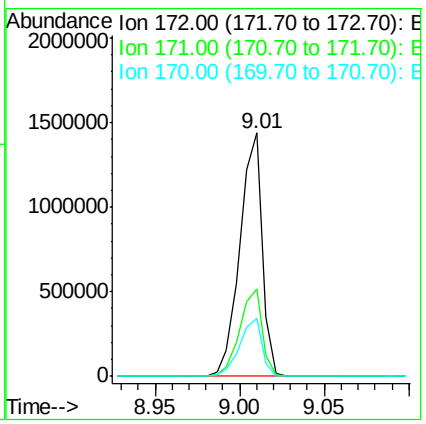


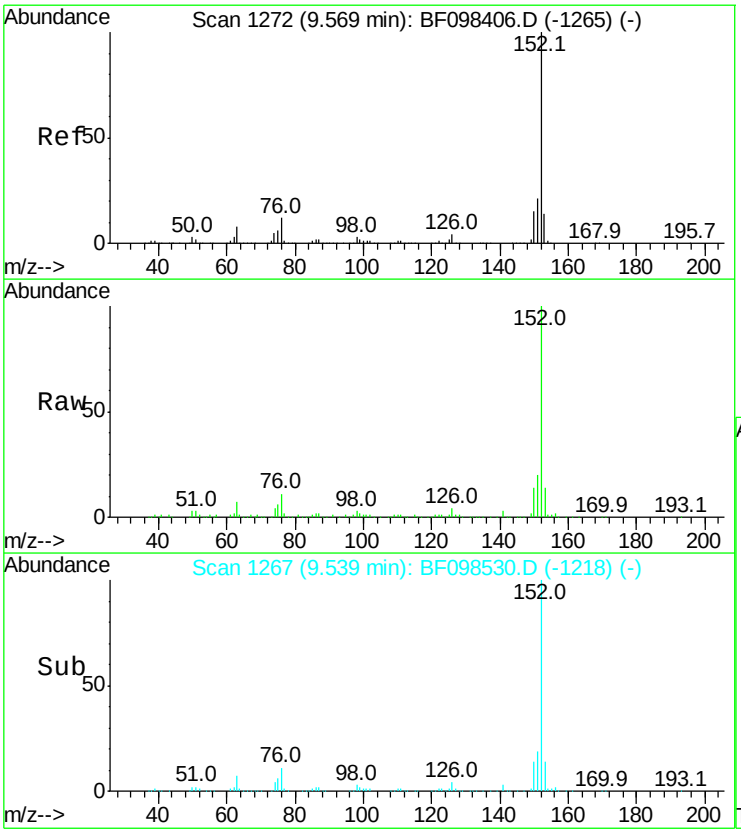
#44
2-Fluorobiphenyl
Concen: 92.026 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Tgt Ion:172 Resp: 1328742

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.7	19.8	29.8

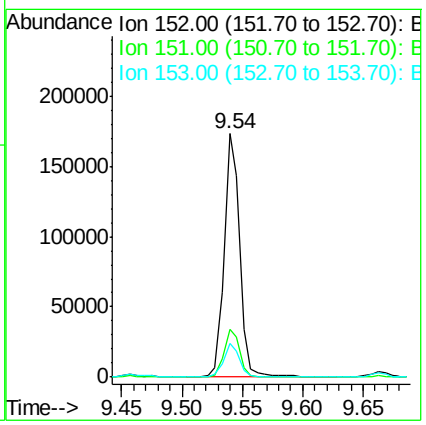


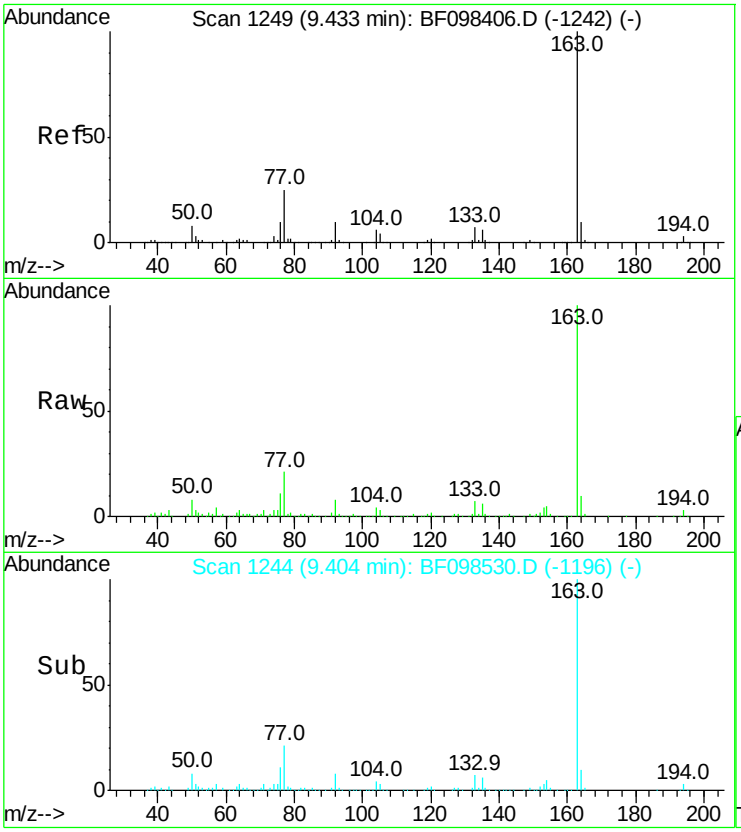


#48
Acenaphthylene
Concen: 6.618 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Tgt Ion:152 Resp: 153928

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2
153	14.0	10.8	16.2



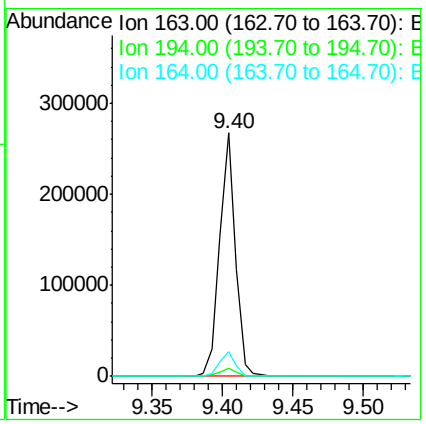


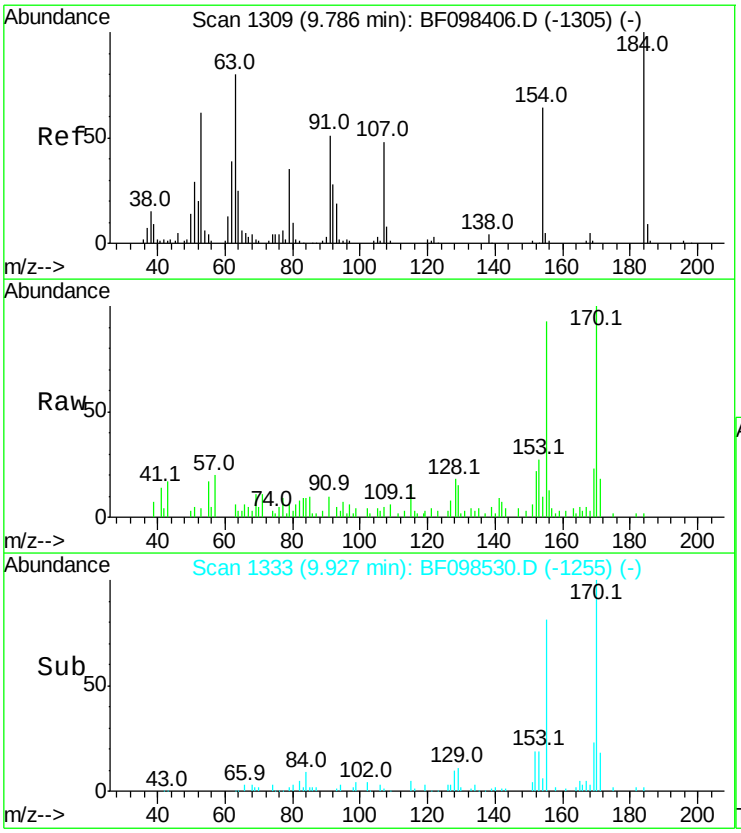
#49
Dimethylphthalate
Concen: 10.953 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Tgt Ion:163 Resp: 207485

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.1	8.4	12.6

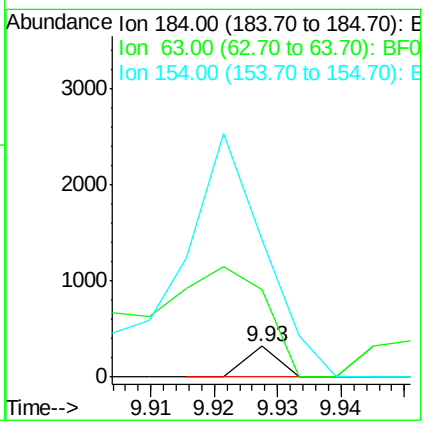


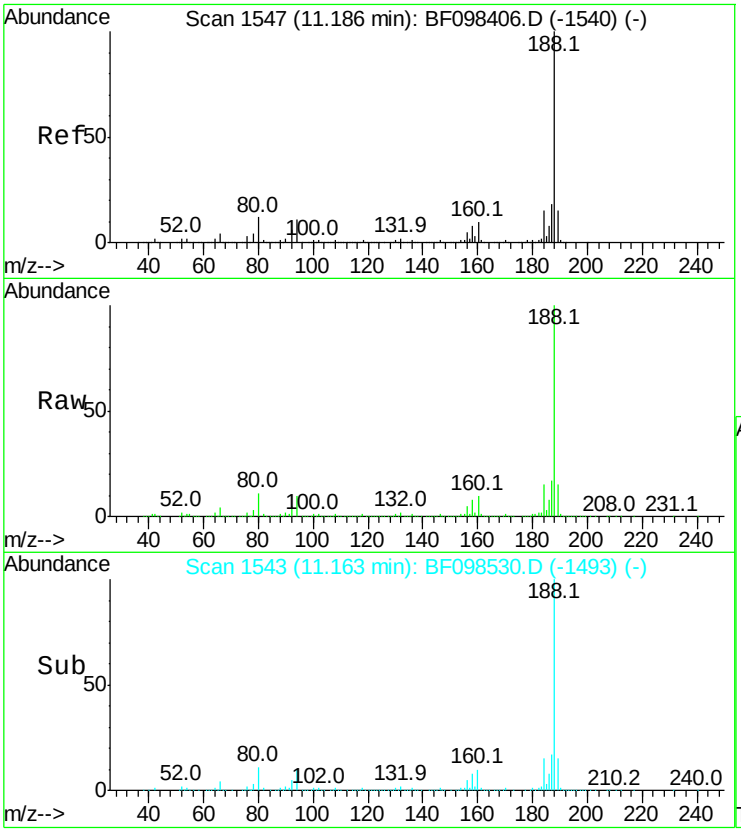


#53
2,4-Dinitrophenol
Concen: 8.579 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.16 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Tgt Ion:184 Resp: 112

Ion	Ratio	Lower	Upper
184	100		
63	285.2	62.7	94.1#
154	451.3	81.1	121.7#



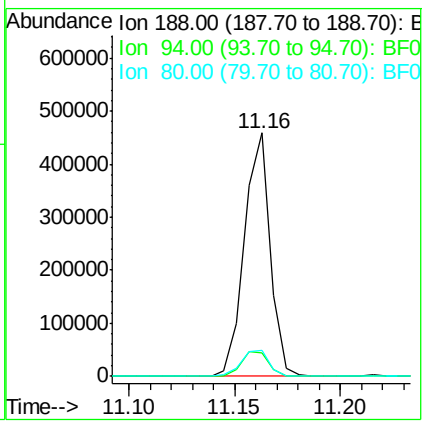


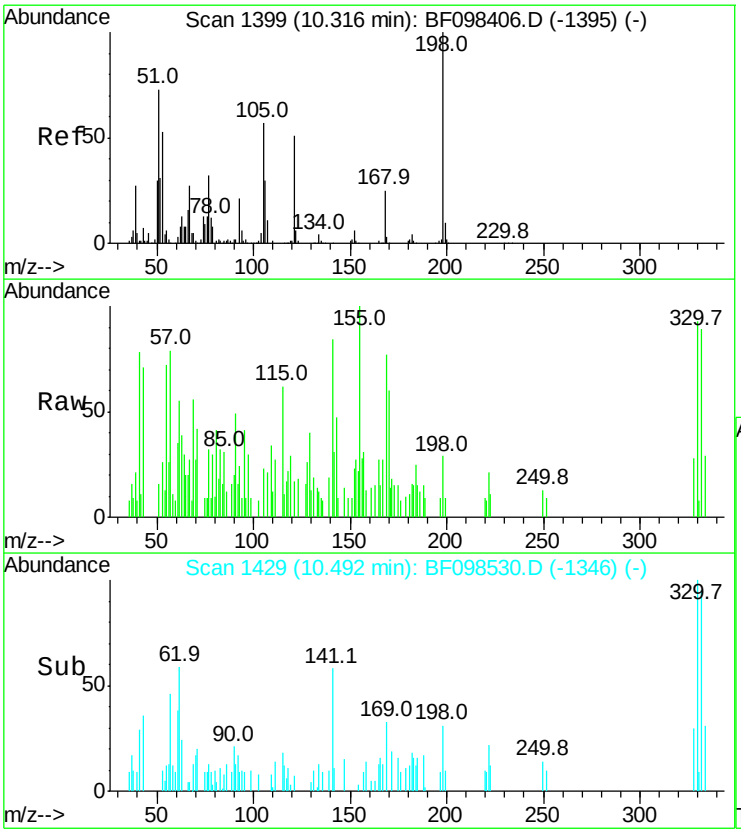
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Tgt Ion:188 Resp: 389827

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	10.7	10.2	15.2

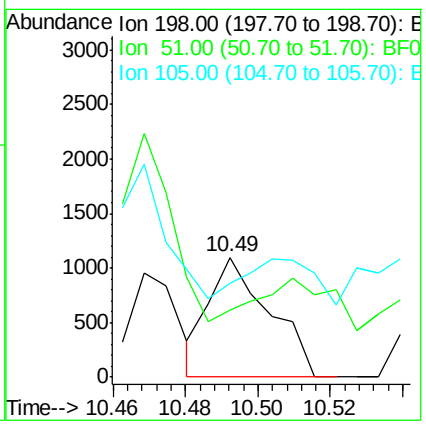


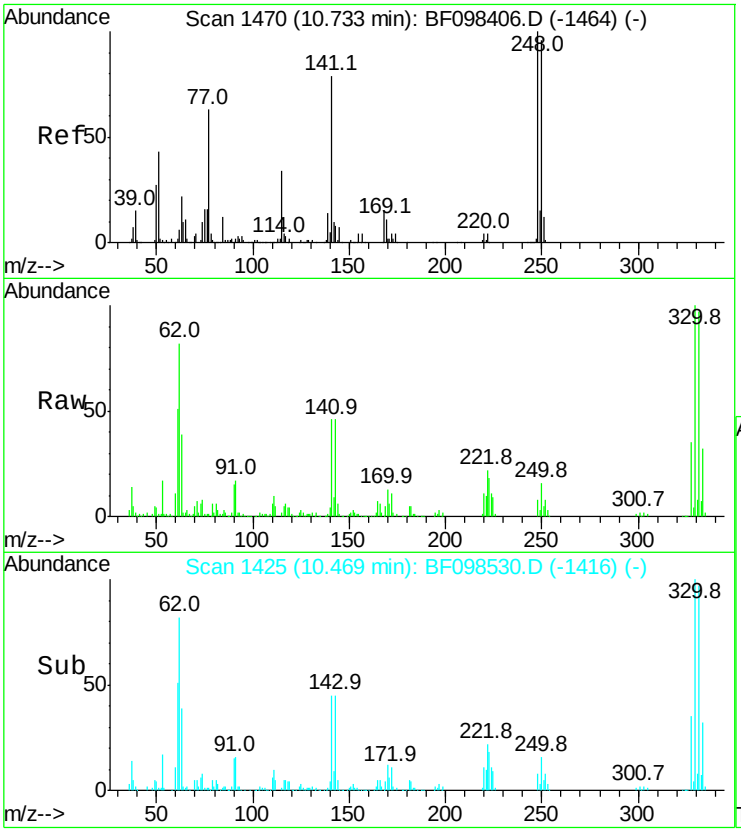


#64
4,6-Dinitro-2-methylphenol
Concen: 5.442 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.19 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Tgt Ion:198 Resp: 1273

Ion	Ratio	Lower	Upper
198	100		
51	55.9	53.2	93.2
105	78.7	45.8	85.8



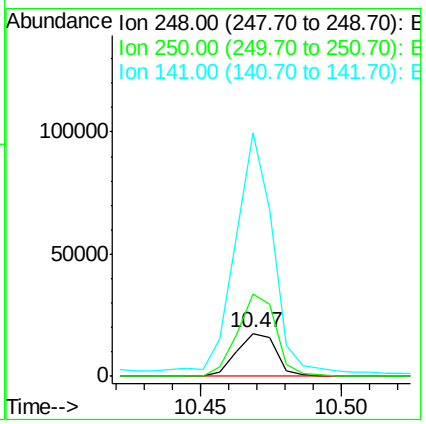


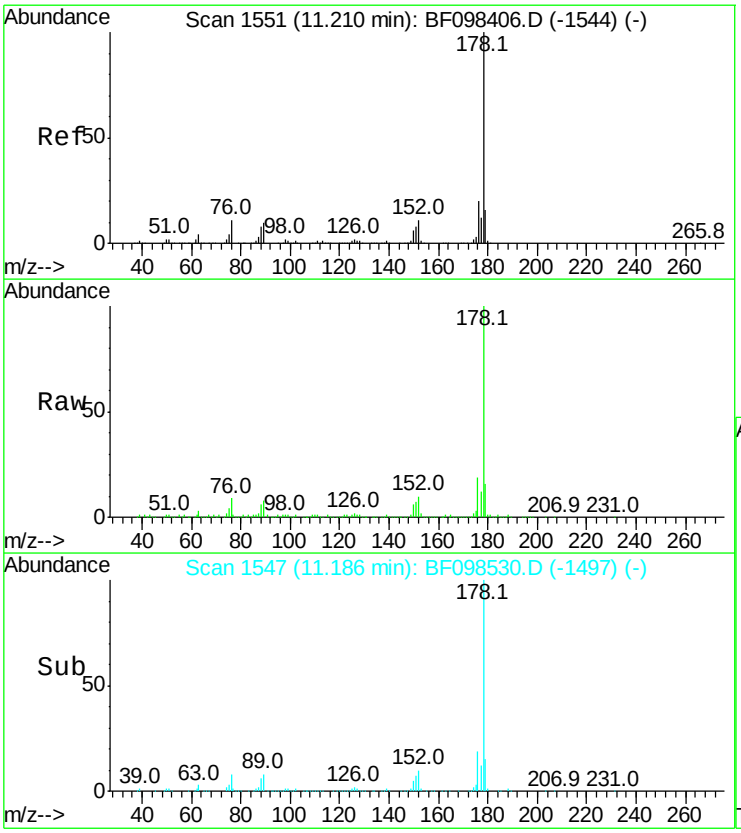
#66
4-Bromophenyl-phenylether
Concen: 4.552 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.25 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Tgt Ion:248 Resp: 16843

Ion	Ratio	Lower	Upper
248	100		
250	193.9	76.8	115.2#
141	569.1	68.6	103.0#

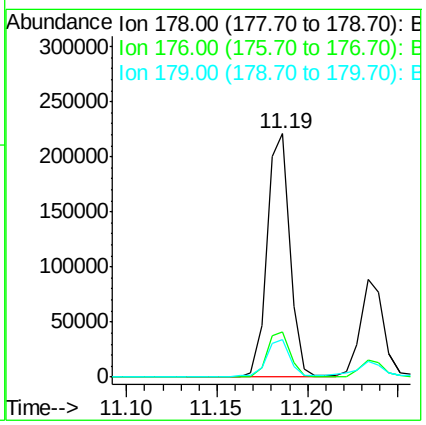


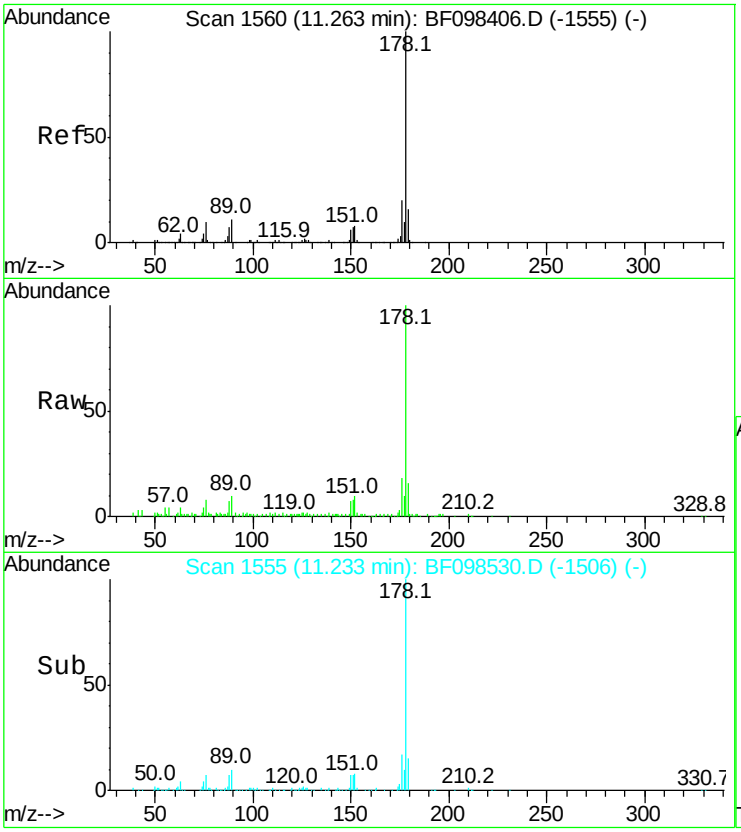


#70
Phenanthrene
Concen: 9.377 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Tgt Ion:178 Resp: 193776

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	15.6	12.6	19.0



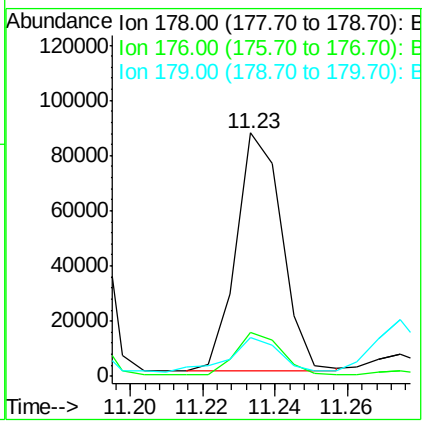


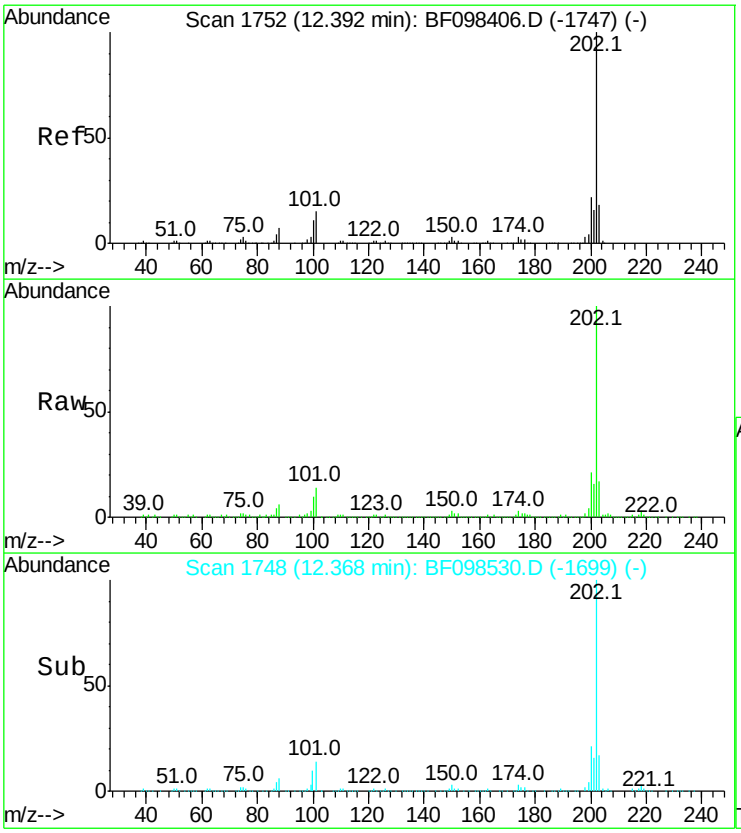
#71
Anthracene
Concen: 3.589 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Tgt Ion:178 Resp: 76159

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	15.7	12.7	19.1

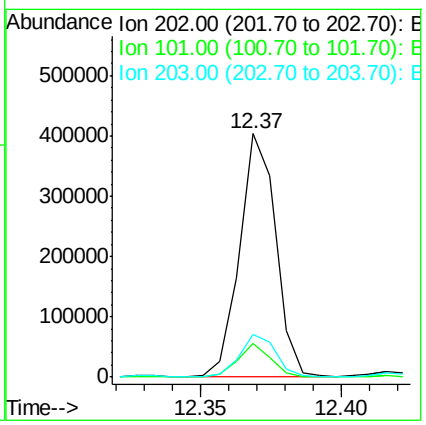


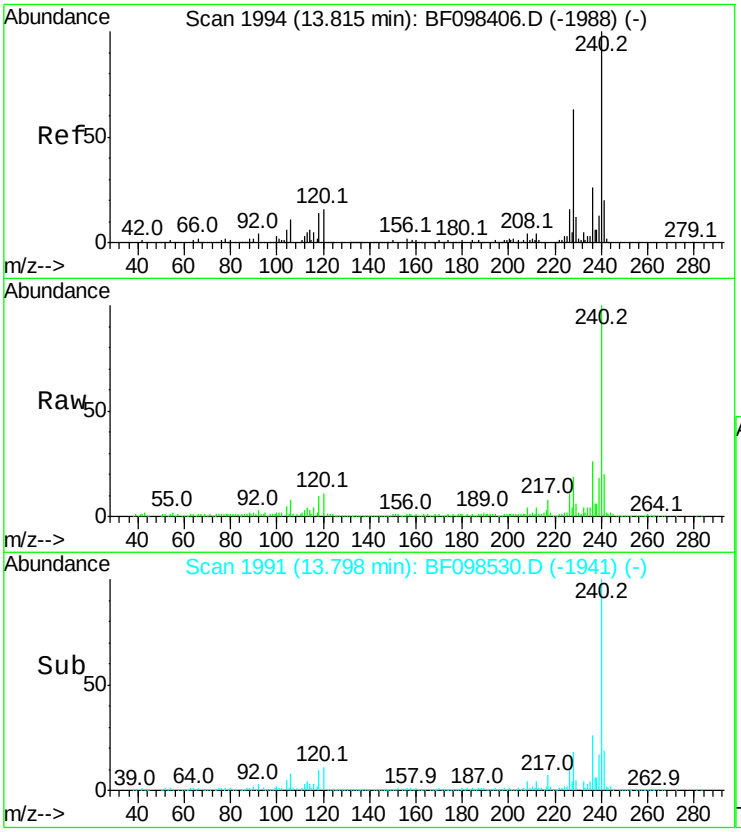


#74
Fluoranthene
Concen: 17.243 ng
RT: 12.37 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Tgt Ion:202 Resp: 356735

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	17.3	0.0	38.1



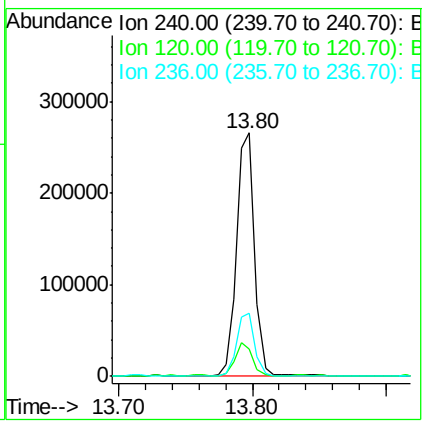


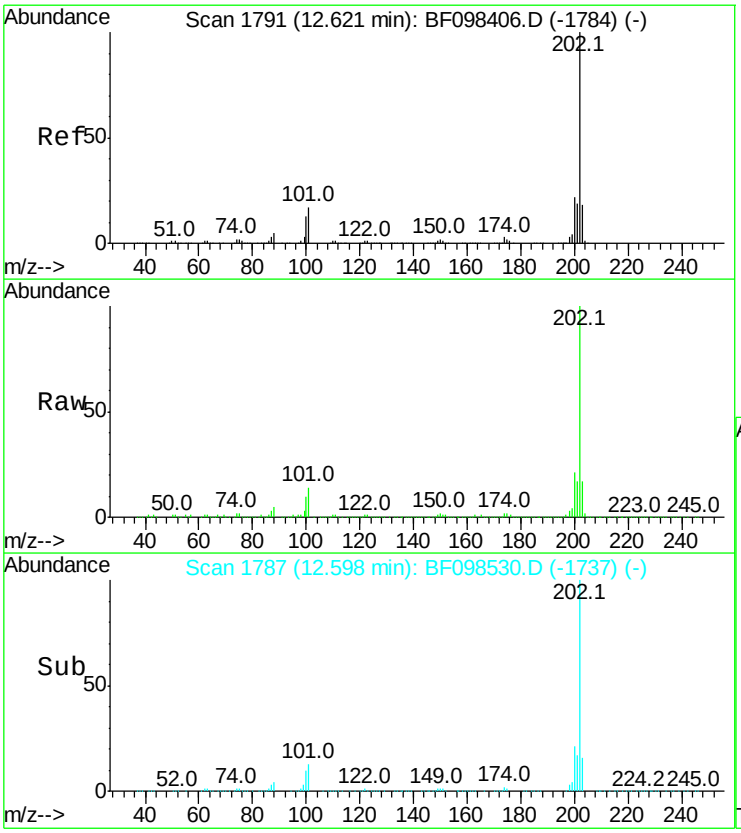
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Tgt Ion:240 Resp: 249408

Ion	Ratio	Lower	Upper
240	100		
120	11.3	5.8	8.8#
236	26.0	20.5	30.7

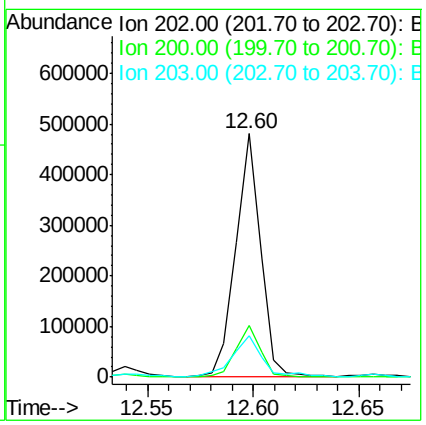


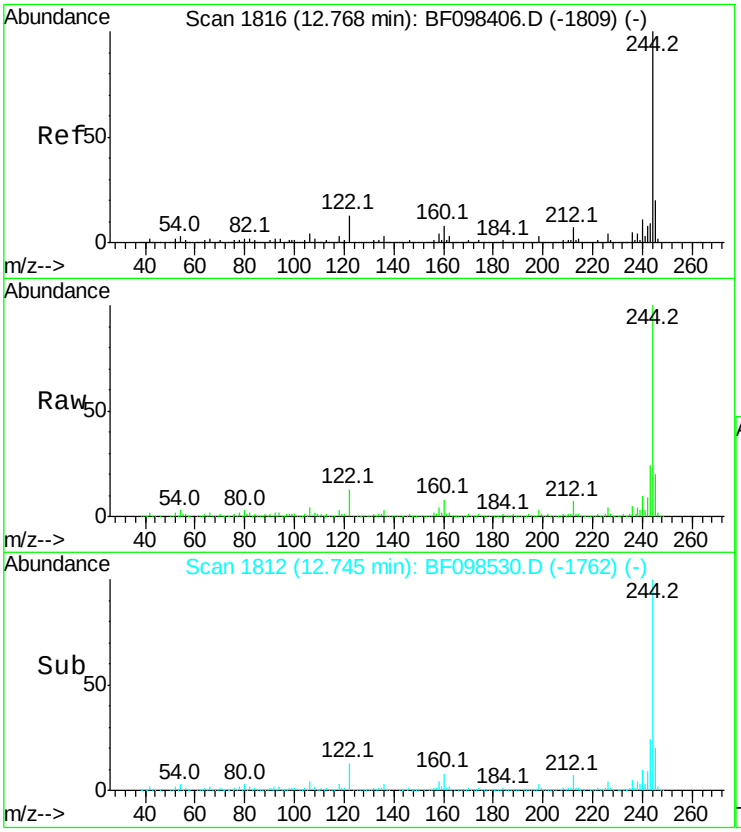


#77
Pyrene
Concen: 19.647 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Tgt Ion:202 Resp: 386553

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.1	14.4	21.6



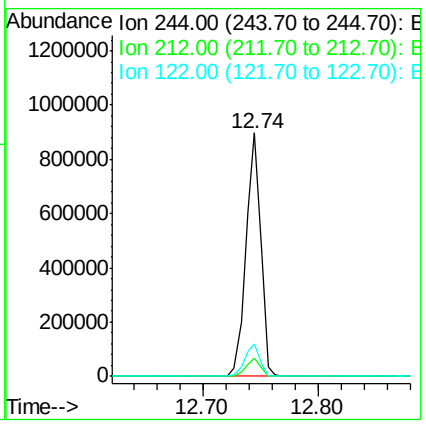


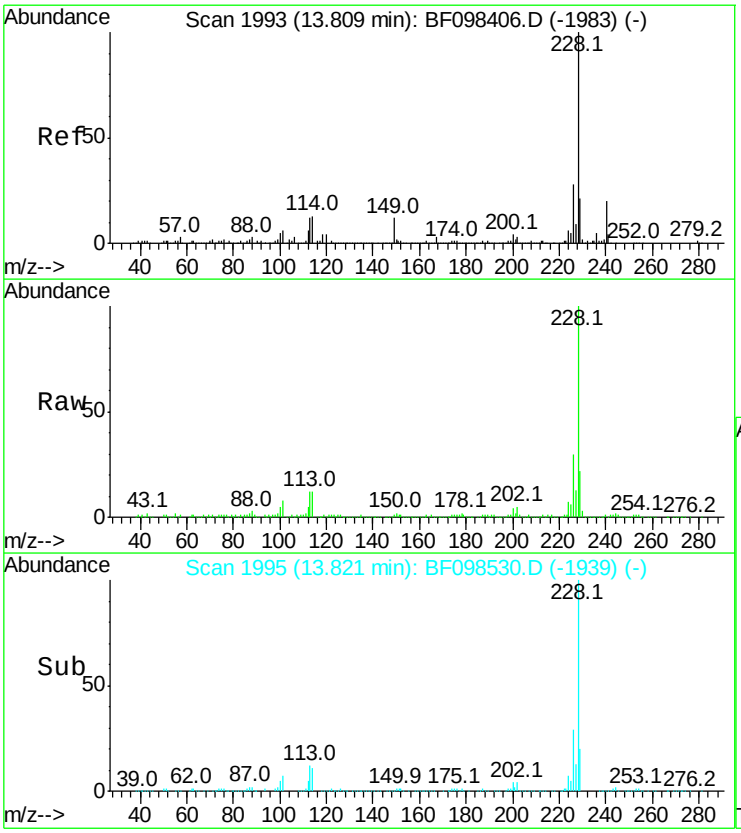
#78
Terphenyl-d14
Concen: 68.007 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Tgt Ion:244 Resp: 785816

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.2	10.3	15.5

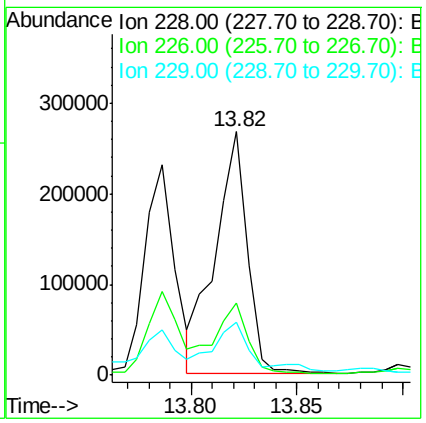


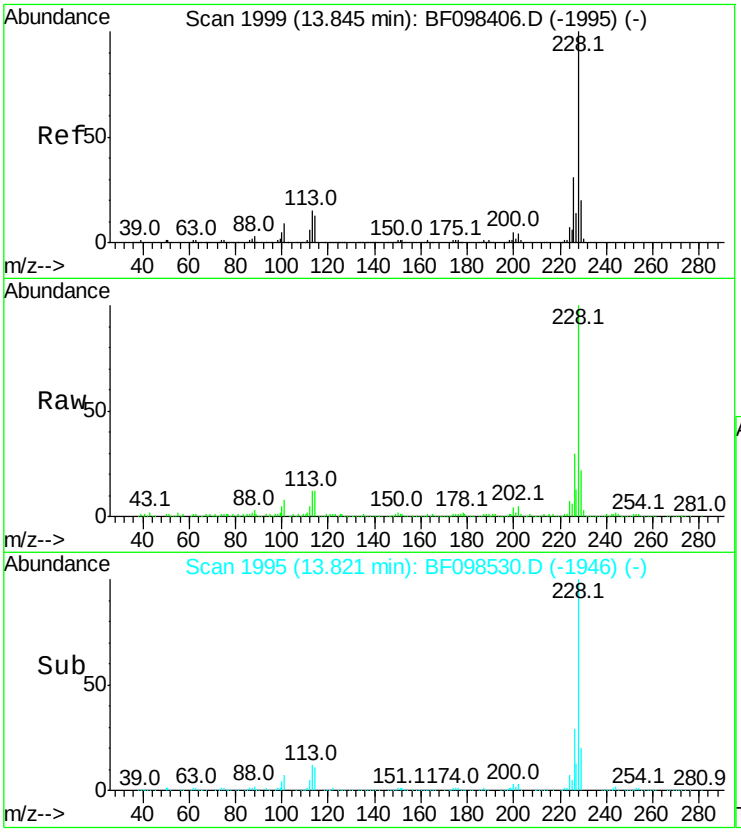


#80
Benzo(a)anthracene
Concen: 19.191 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.03 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Tgt Ion:228 Resp: 280617

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	21.9	16.3	24.5



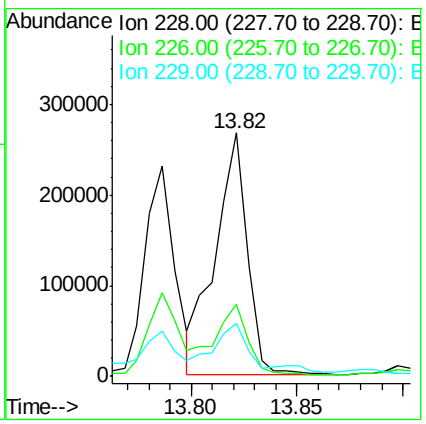


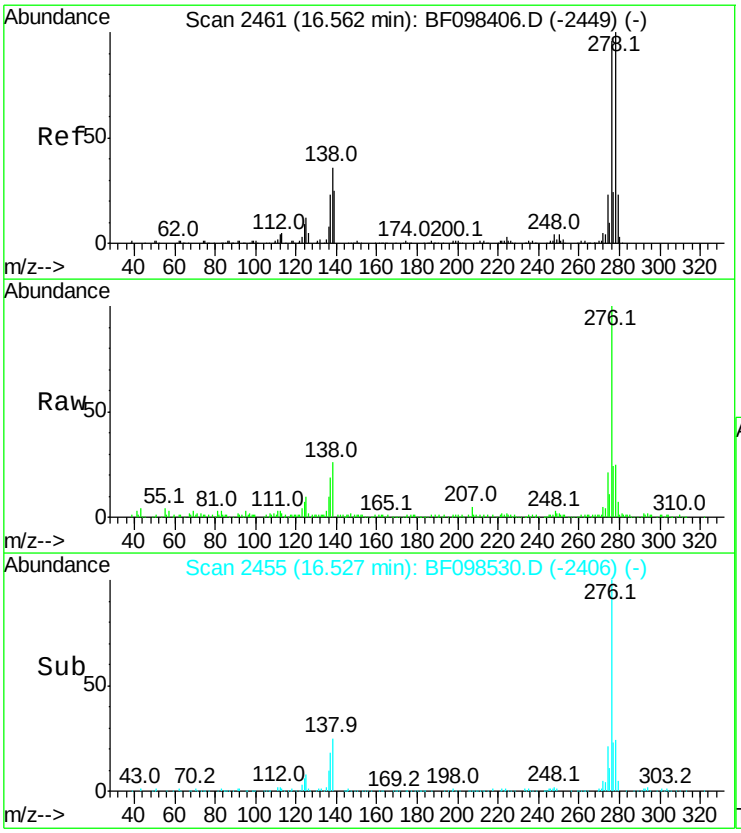
#82
Chrysene
Concen: 18.985 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Tgt Ion:228 Resp: 280617

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	21.9	15.8	23.6

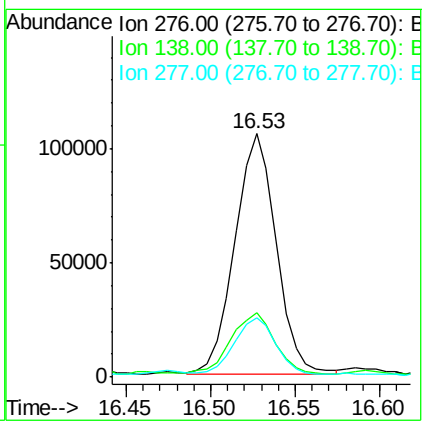


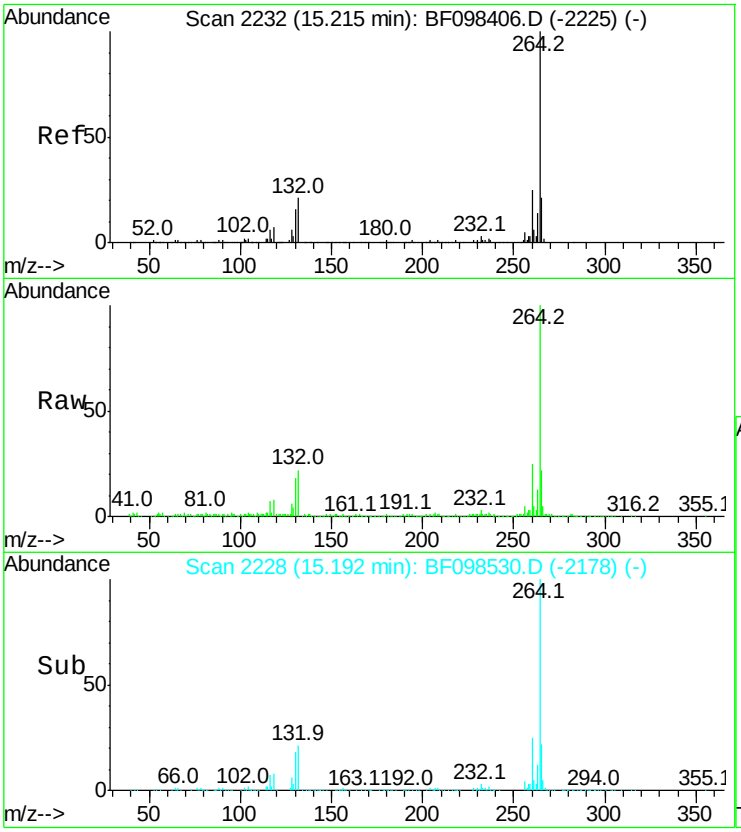


#85
Indeno(1,2,3-cd)pyrene
Concen: 17.460 ng
RT: 16.53 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Tgt Ion:276 Resp: 181057

Ion	Ratio	Lower	Upper
276	100		
138	27.9	27.8	41.6
277	23.1	20.2	30.4



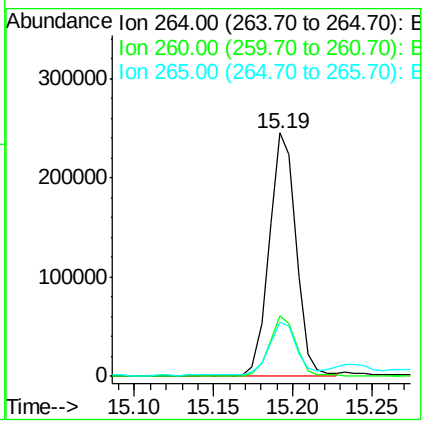


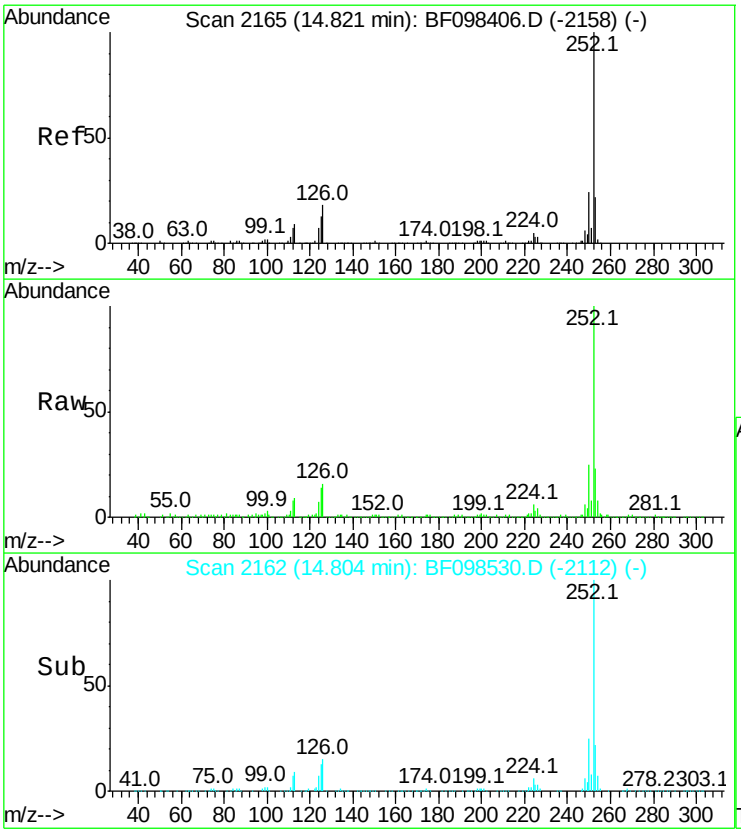
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Tgt Ion:264 Resp: 289590

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.2	17.2	25.8

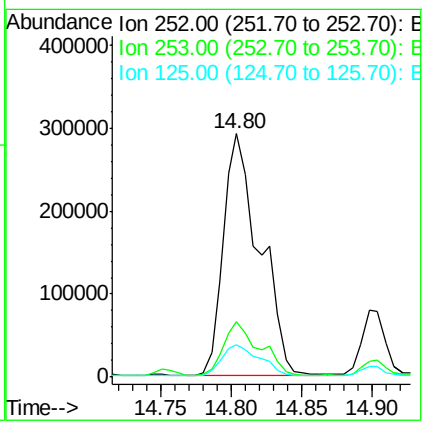


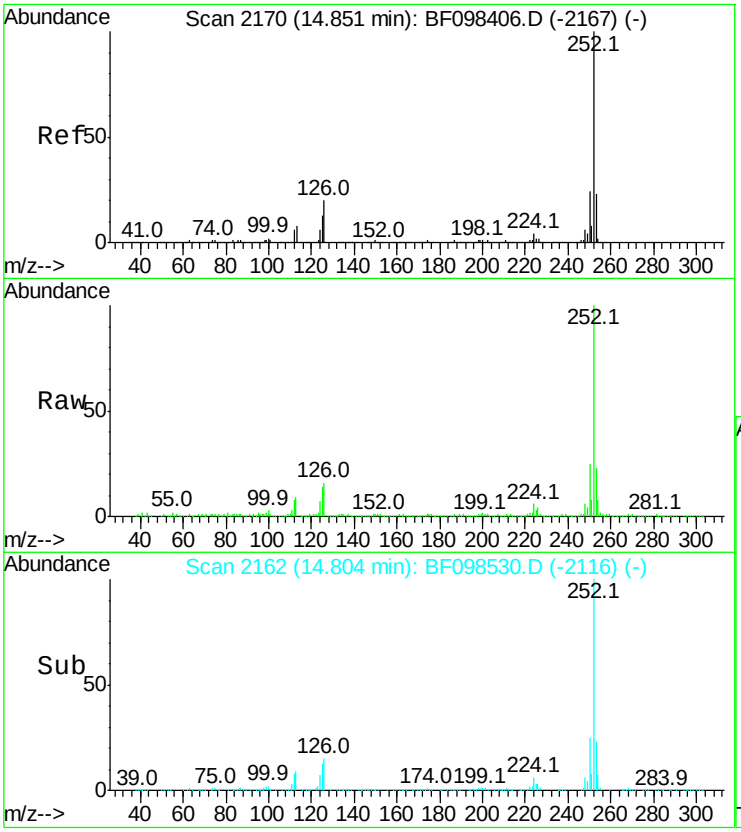


#87
Benzo(b)fluoranthene
Concen: 28.836 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Tgt Ion:252 Resp: 525058

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	13.5	9.8	14.8



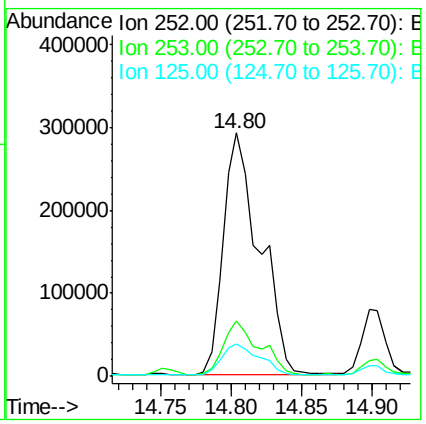


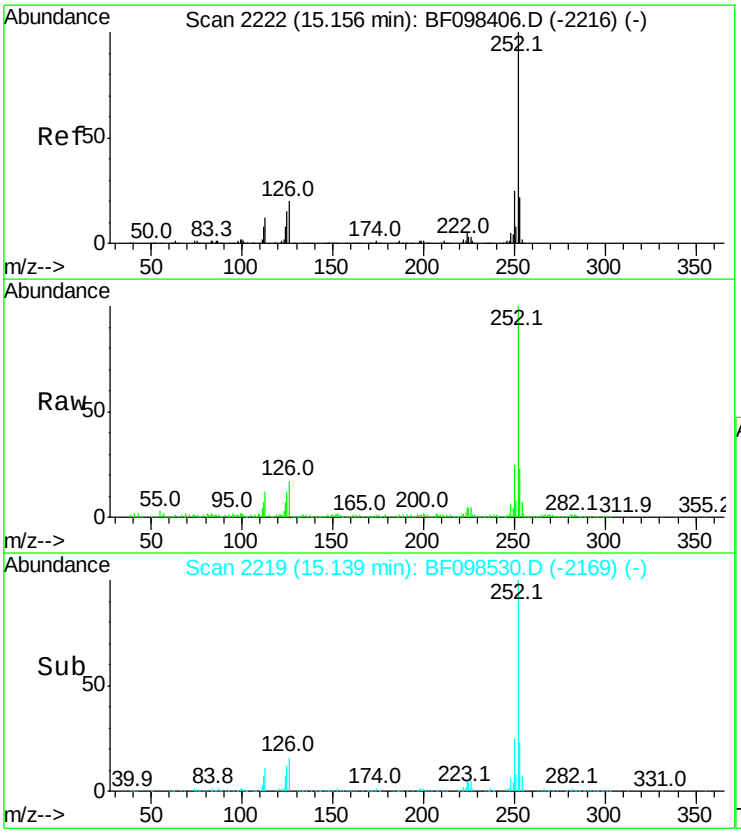
#88
Benzo(k)fluoranthene
Concen: 30.888 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.03 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Tgt Ion:252 Resp: 525058

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	13.5	13.1	19.7

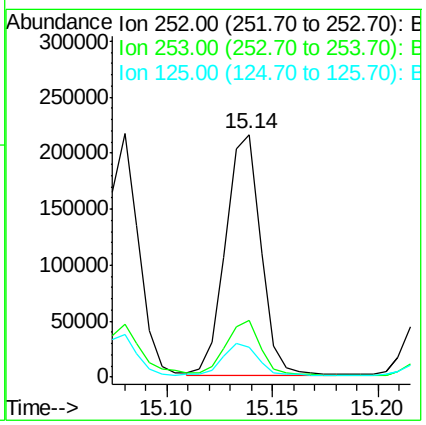


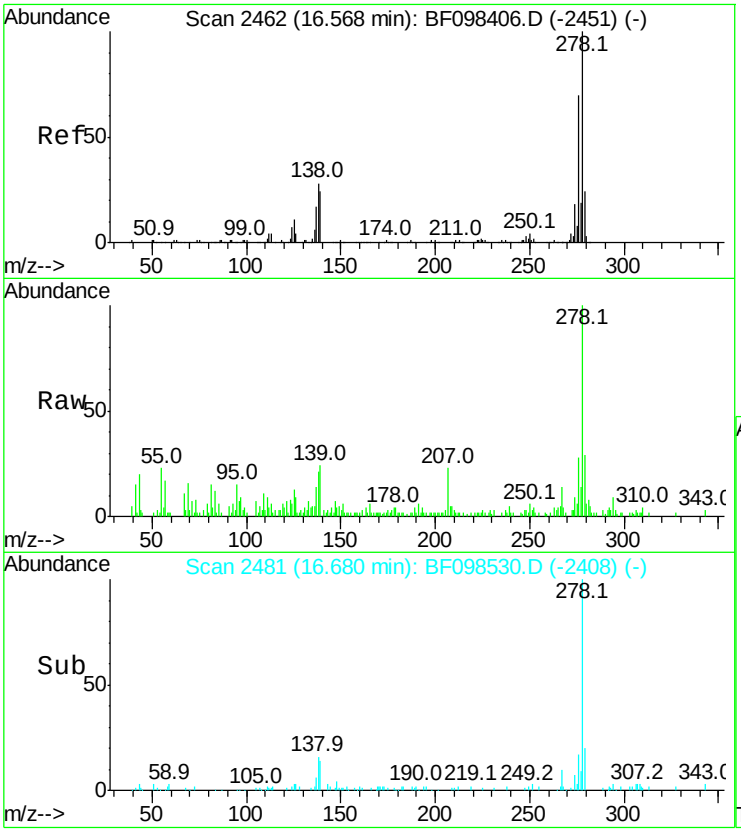


#89
Benzo(a)pyrene
Concen: 15.351 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Tgt Ion:252 Resp: 249030

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	12.2	11.0	16.4



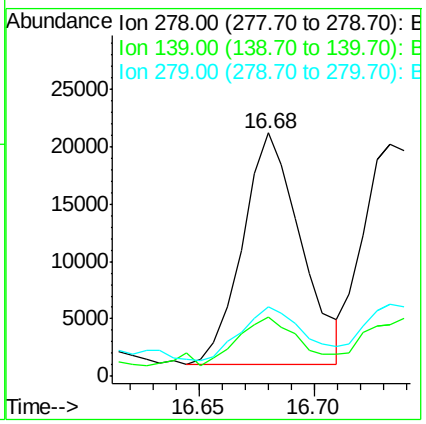


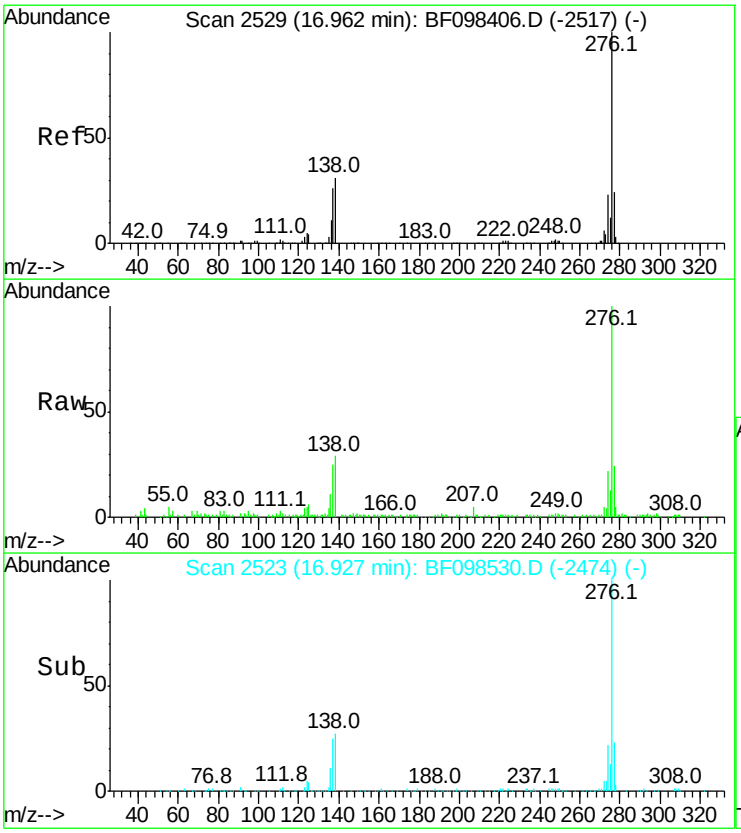
#90
Dibenzo(a,h)anthracene
Concen: 2.985 ng
RT: 16.68 min Scan# 2481
Delta R.T. 0.13 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Instrument :
BNA_F
ClientSampleId :
G-9A-2

Tgt Ion:278 Resp: 35229

Ion	Ratio	Lower	Upper
278	100		
139	24.3	16.6	24.8
279	28.7	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 13.862 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF098530.D
Acq: 14 Sep 2017 15:40

Tgt Ion:276 Resp: 164532

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	28.5	25.4	38.0