Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083537.D
Acq On : 7 Dec 2015 1:47
Operator : UM/IZ
Sample : G4614-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S34-15.5

Quant Time: Dec 07 05:07:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	190569	20.00	ng		-0.03
21) Naphthalene-d8	7.63	136	728763	20.00	ng		-0.05
38) Acenaphthene-d10	10.42	164	346712	20.00	ng		-0.05
63) Phenanthrene-d10	12.82	188	581830	20.00	ng		-0.03
75) Chrysene-d12	17.03	240	372052	20.00	ng		-0.02
86) Perylene-d12	18.66	264	380648	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.02	112	1691256	134.64	ng		-0.01
7) Phenol-d6	5.30	99	2213213	127.88	ng		-0.02
23) Nitrobenzene-d5	6.57	82	1490528	95.61	ng		-0.03
41) 2,4,6-Tribromophenol	11.72	330	412814	129.07	ng		-0.03
44) 2-Fluorobiphenyl	9.38	172	2007350	78.53	ng		-0.05
78) Terphenyl-d14	15.47	244	1358305	81.24	ng		-0.01
Target Compounds							Qvalue
15) Benzyl Alcohol	5.95	79	31631	2.63	ng	#	50
17) 2-Methylphenol	6.41	107	165002	14.31	ng	#	59
19) n-Nitroso-di-n-propylamine	6.57	70	199081	17.24	ng	#	78
20) 3+4-Methylphenols	6.41	107	262671	17.54	ng		94
31) Naphthalene	7.66	128	363766	9.38	ng		99
32) Benzoic acid	7.45	122	18888	5.42	ng	#	23
33) 4-Chloroaniline	7.66	127	46416	3.06	ng	#	31
37) 2-Methylnaphthalene	8.77	142	108776	4.53	ng		98
49) Dimethylphthalate	10.06	163	512418	18.78	ng		98
51) Acenaphthene	10.48	154	363344	16.61	ng		99
54) Dibenzofuran	10.76	168	308635	10.18	ng		97
55) 4-Nitrophenol	10.76	139	114192	32.73	ng	#	7
57) Fluorene	11.31	166	416562	15.80	ng		97
64) 4,6-Dinitro-2-methylphenol	11.71	198	1253	3.78	ng	#	1
70) Phenanthrene	12.88	178	3561632	105.17	ng		96
71) Anthracene	12.95	178	984227	28.50	ng		98
72) Carbazole	13.24	167	376555	12.70	ng		98
74) Fluoranthene	14.83	202	3571034	106.39	ng		95
77) Pyrene	15.17	202	3084397	110.82	ng	#	89
80) Benzo(a)anthracene	17.01	228	1425552	65.49	ng	#	96
82) Chrysene	17.07	228	1337701	61.69	ng		96
85) Indeno(1,2,3-cd)pyrene	19.89	276	637388	34.29	ng	#	100
87) Benzo(b)fluoranthene	18.39	252	203729	9.53	ng		97
88) Benzo(k)fluoranthene	18.28	252	1810969	82.70	ng		98
89) Benzo(a)pyrene	18.60	252	1015287	48.83	ng		98
90) Dibenzo(a,h)anthracene	19.91	278	175394	8.77	ng		98
91) Benzo(g,h,i)perylene	20.26	276	613461	30.43	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083537.D
Acq On : 7 Dec 2015 1:47
Operator : UM/IZ
Sample : G4614-01
Misc :
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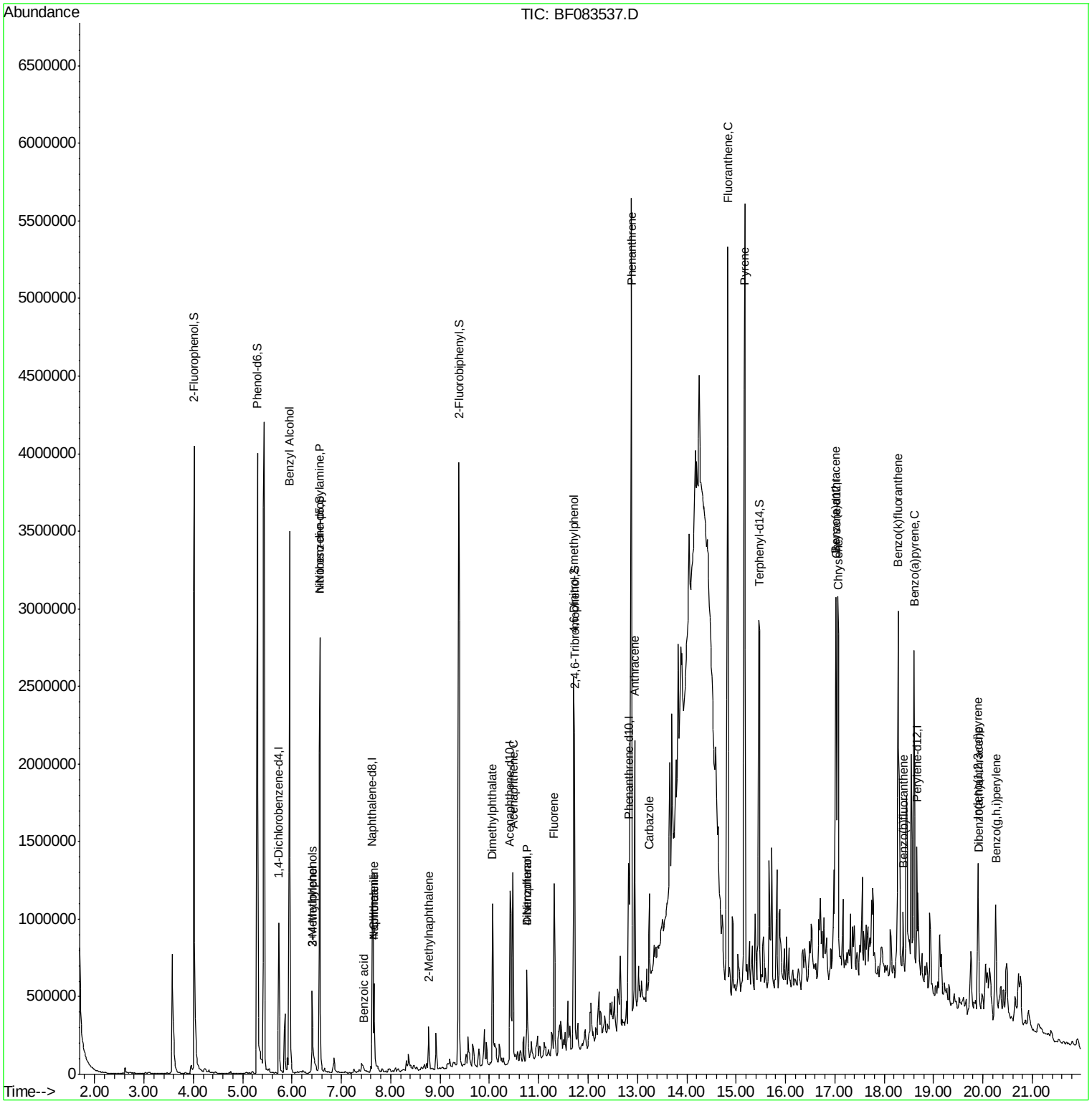
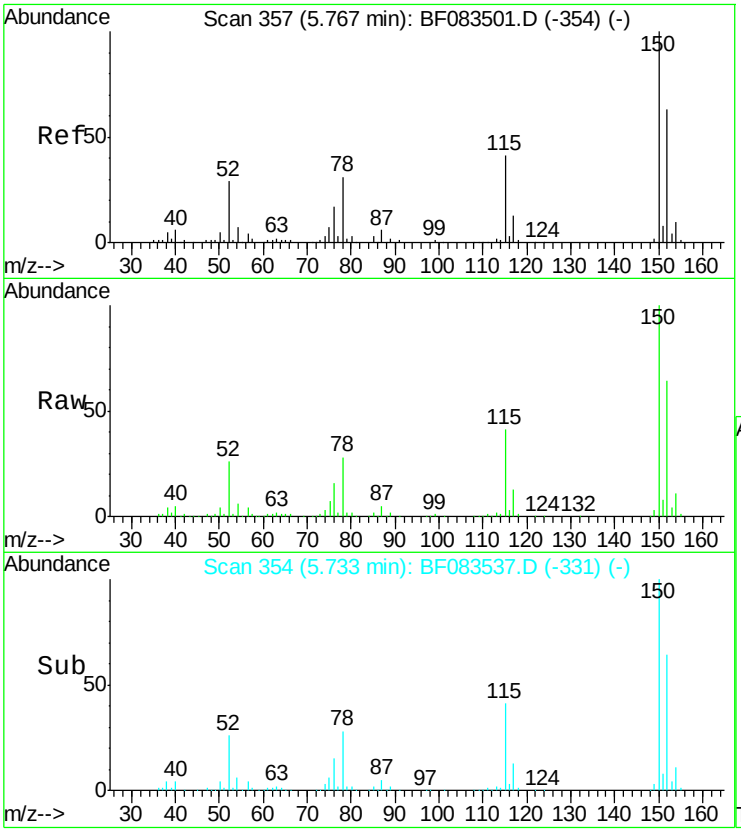
Instrument : BNA_G
ClientSampleId : S34-15.5

Quant Time: Dec 07 05:07:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration



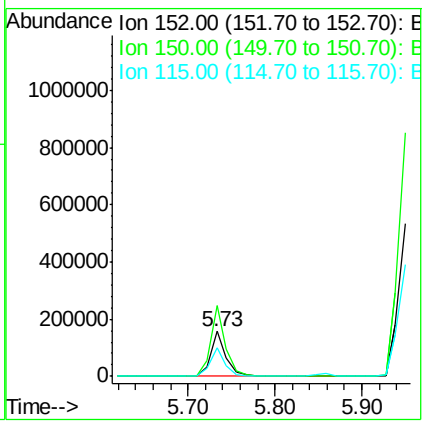


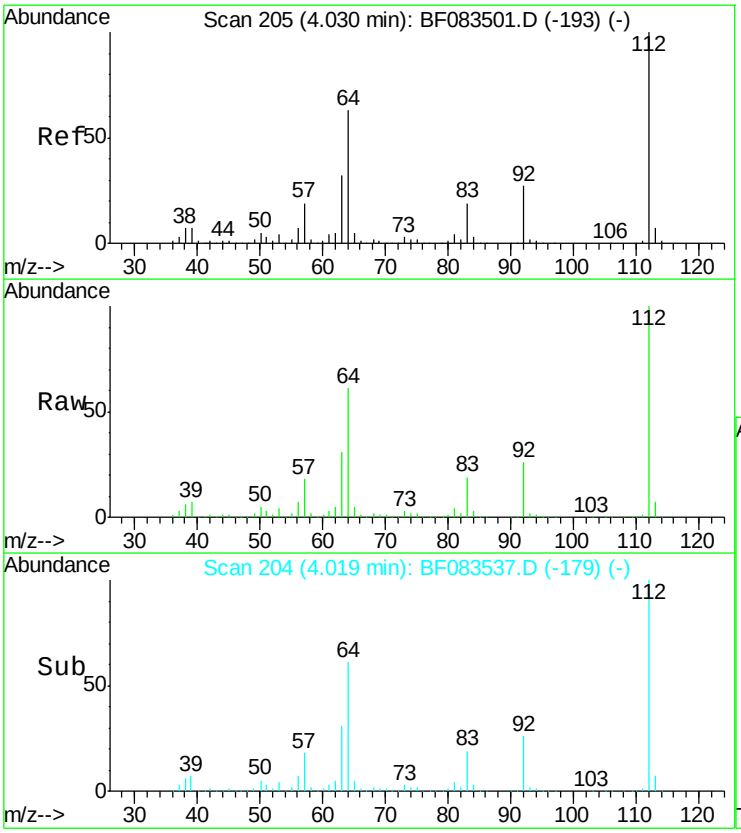
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.73 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion:152 Resp: 190569

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.5	189.7
115	64.5	52.3	78.5

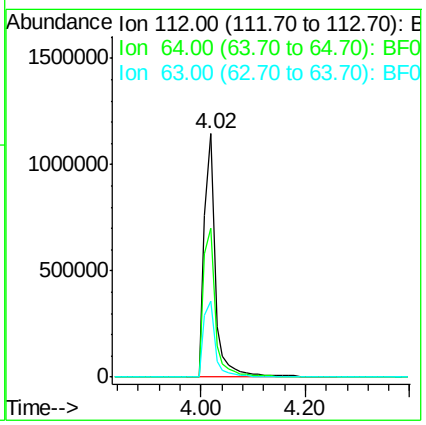


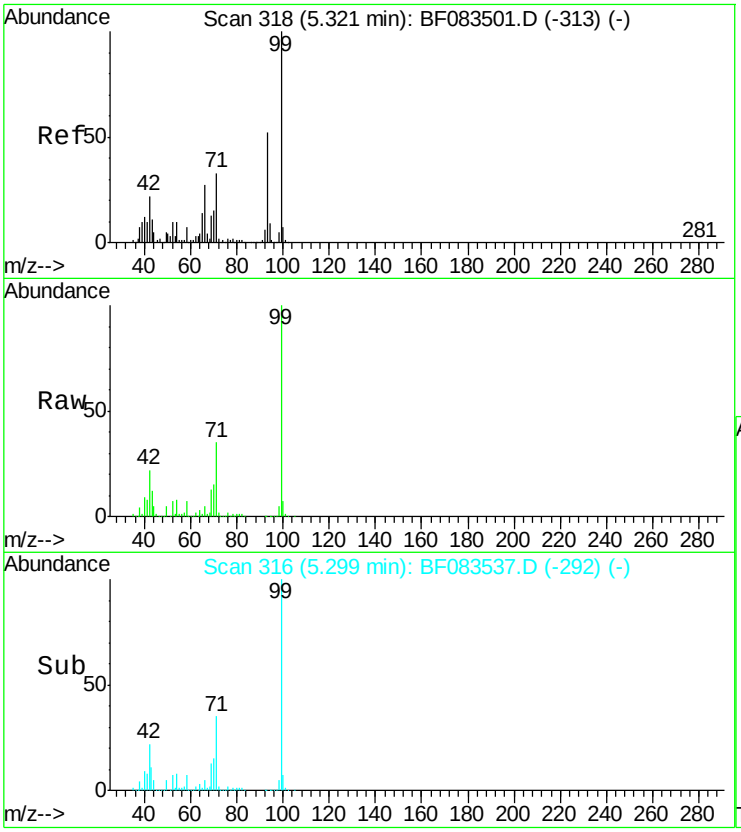


#5
2-Fluorophenol
Concen: 134.64 ng
RT: 4.02 min Scan# 204
Delta R.T. -0.01 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion:112 Resp: 1691256

Ion	Ratio	Lower	Upper
112	100		
64	61.2	50.5	75.7
63	31.2	25.8	38.6



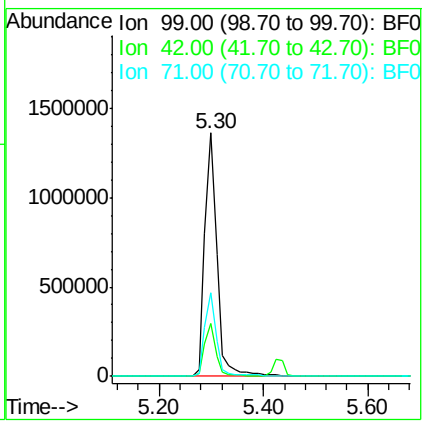


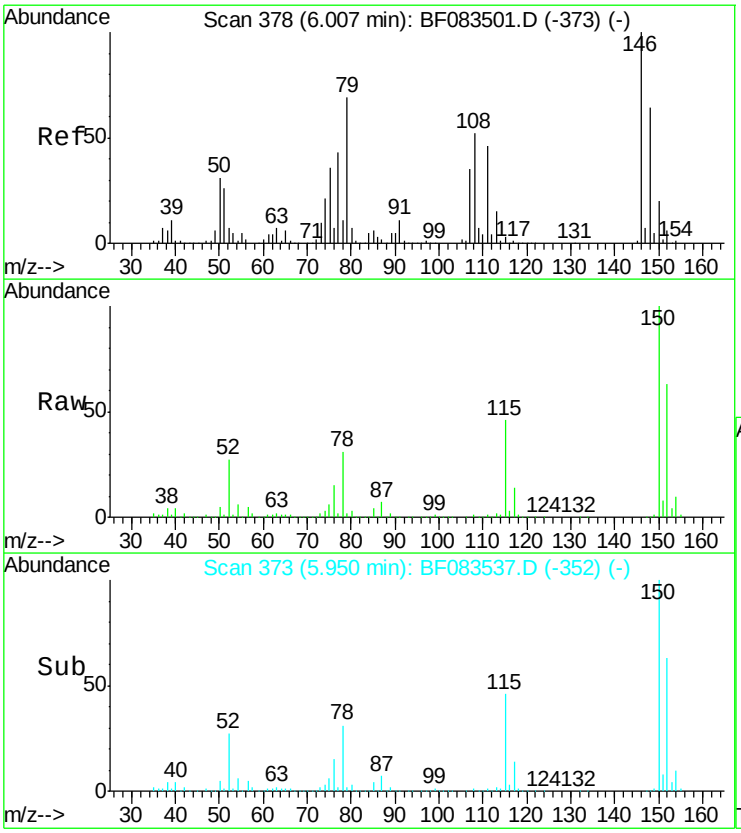
#7
Phenol-d6
Concen: 127.88 ng
RT: 5.30 min Scan# 316
Delta R.T. -0.02 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion: 99 Resp: 2213213

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.3	25.9
71	34.5	26.6	40.0

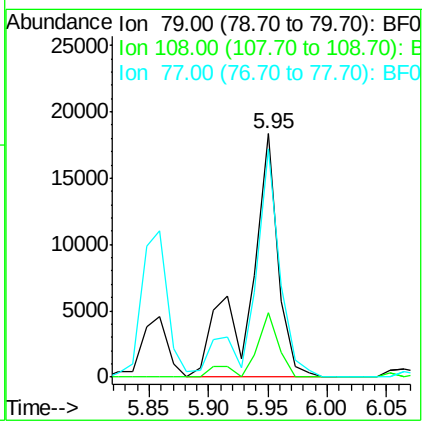


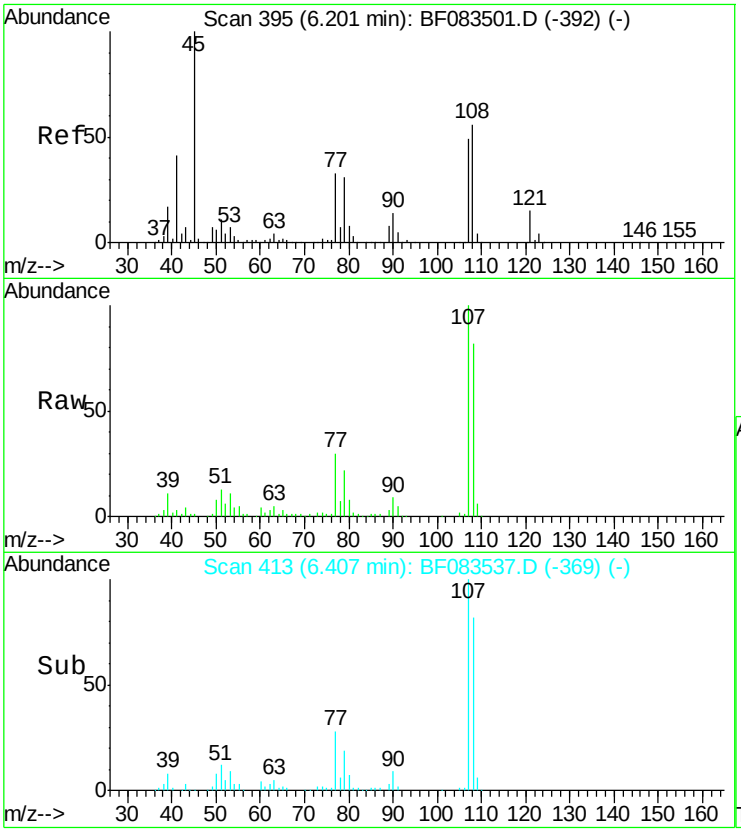


#15
Benzyl Alcohol
Concen: 2.63 ng
RT: 5.95 min Scan# 373
Delta R.T. -0.06 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion: 79 Resp: 31631

Ion	Ratio	Lower	Upper
79	100		
108	26.5	59.6	89.4#
77	94.0	49.8	74.6#



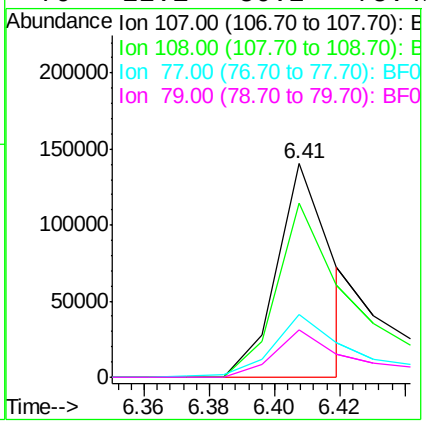


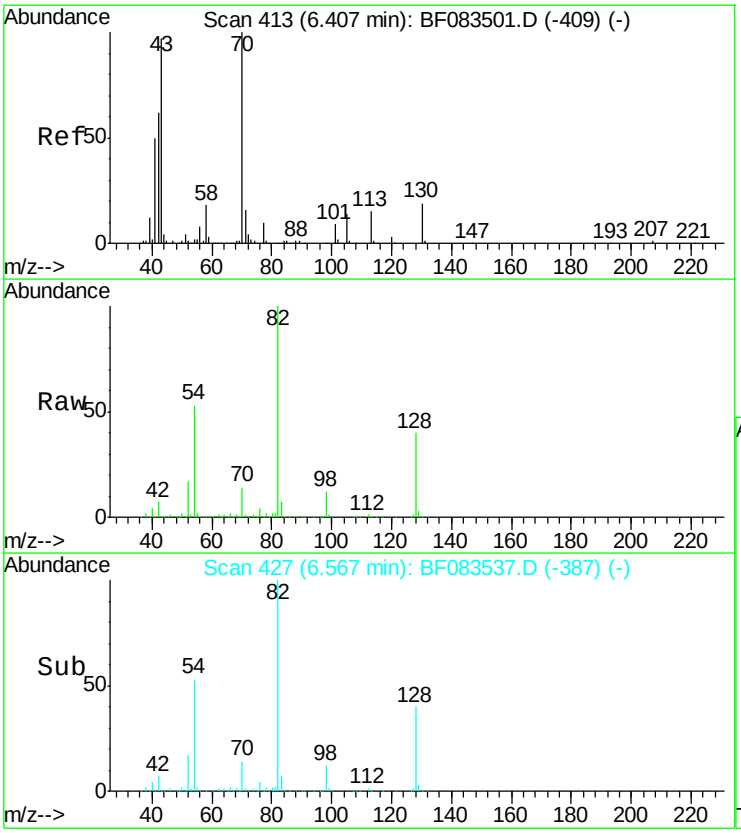
#17
2-Methylphenol
Concen: 14.31 ng
RT: 6.41 min Scan# 413
Delta R.T. 0.21 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion:107 Resp: 165002

Ion	Ratio	Lower	Upper
107	100		
108	81.6	91.6	137.4#
77	29.7	53.7	80.5#
79	22.1	50.2	75.4#

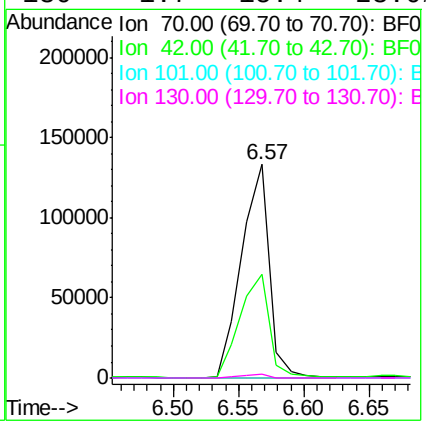


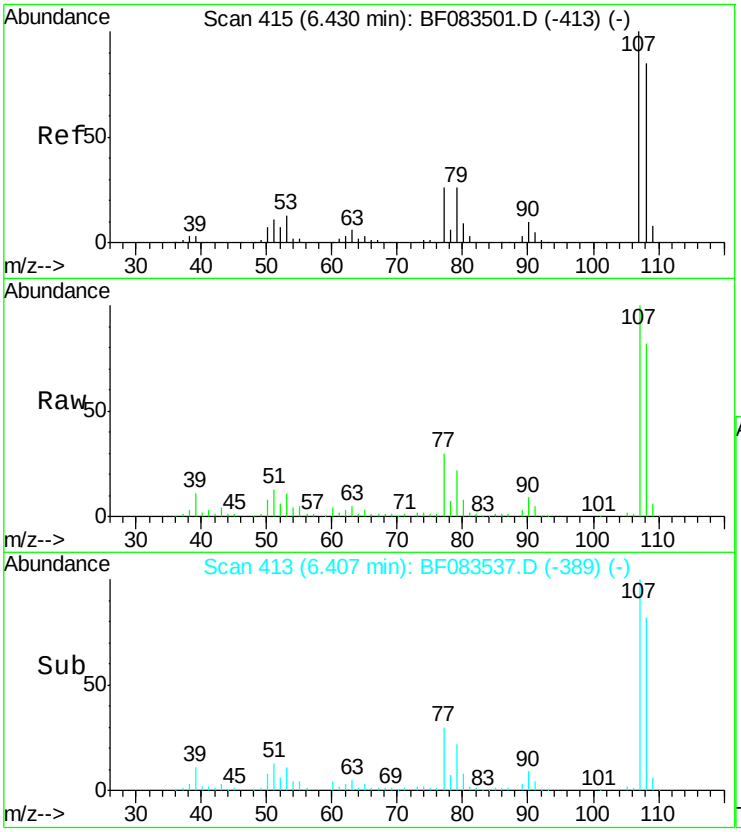


#19
n-Nitroso-di-n-propylamine
Concen: 17.24 ng
RT: 6.57 min Scan# 427
Delta R.T. 0.16 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion: 70 Resp: 199081

Ion	Ratio	Lower	Upper
70	100		
42	48.6	49.2	73.8#
101	0.0	7.1	10.7#
130	1.7	15.4	23.0#



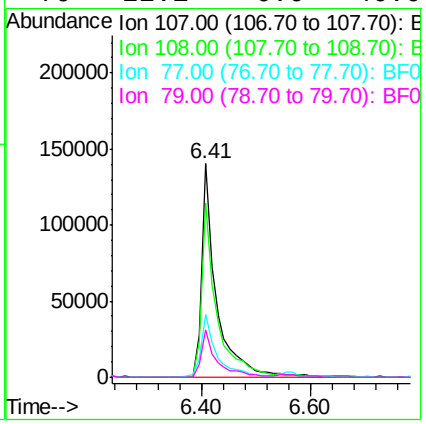


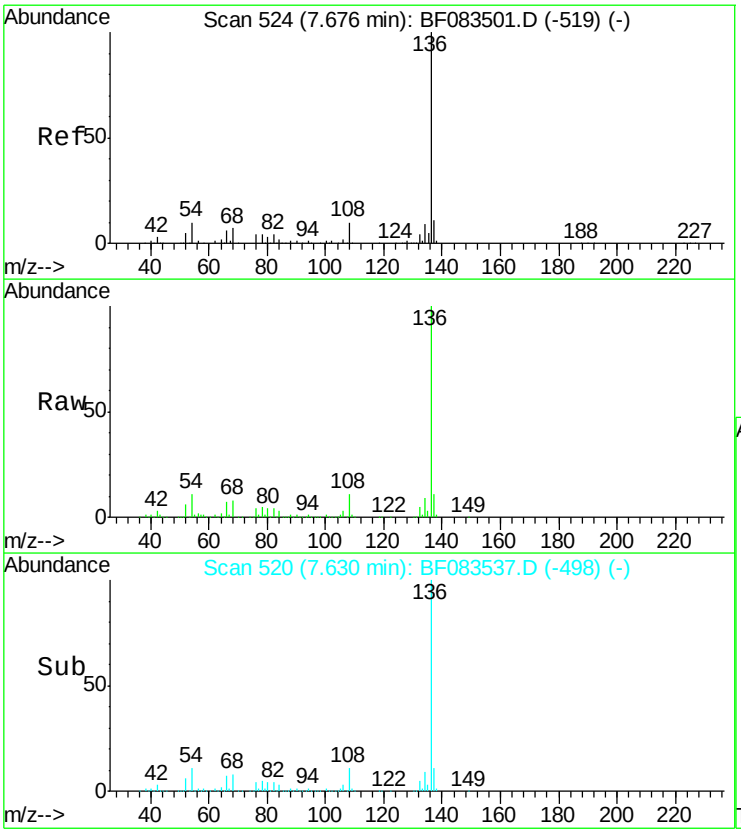
#20
3+4-Methylphenols
Concen: 17.54 ng
RT: 6.41 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion:107 Resp: 262671

Ion	Ratio	Lower	Upper
107	100		
108	81.6	65.2	105.2
77	29.7	15.2	55.2
79	22.1	6.0	46.0

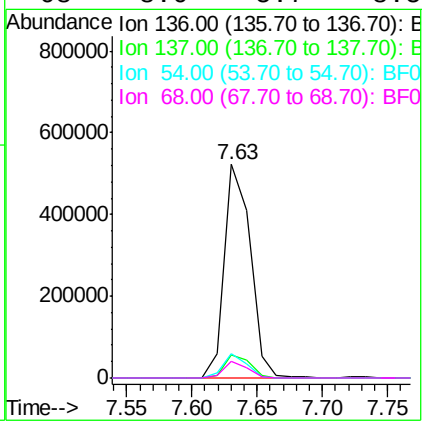


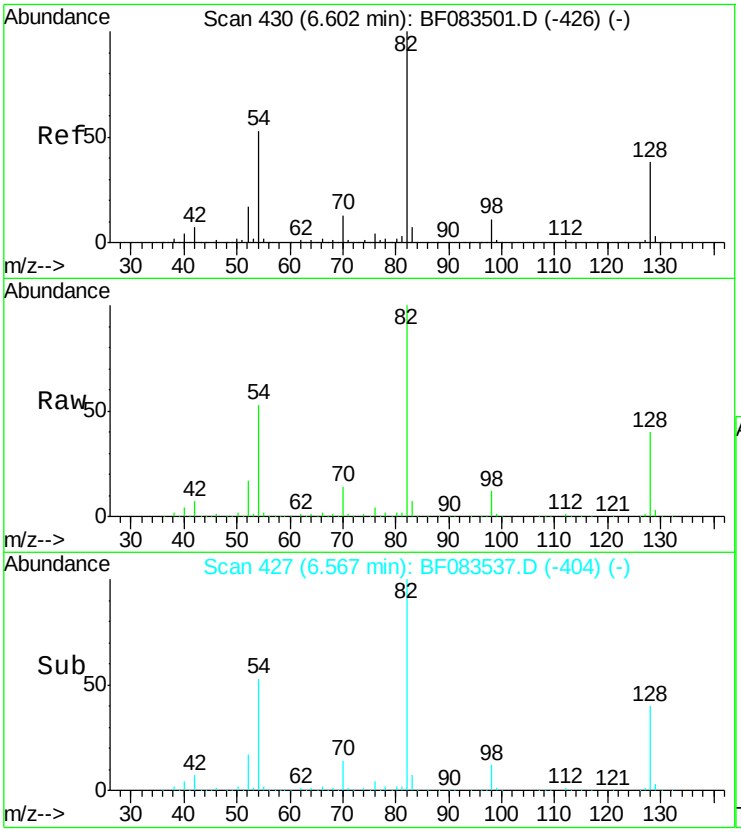


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.63 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion:136 Resp: 728763

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.3	7.8	11.6
68	8.0	5.7	8.5



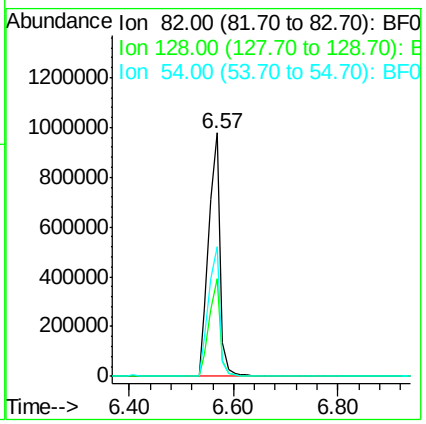


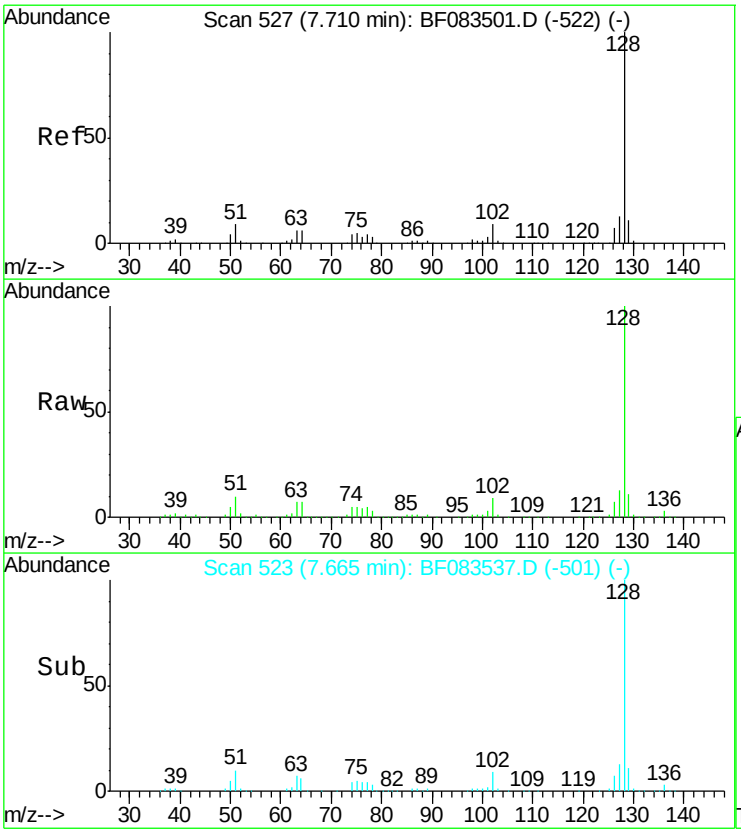
#23
Nitrobenzene-d5
Concen: 95.61 ng
RT: 6.57 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion: 82 Resp: 1490528

Ion	Ratio	Lower	Upper
82	100		
128	40.1	30.7	46.1
54	53.2	42.5	63.7

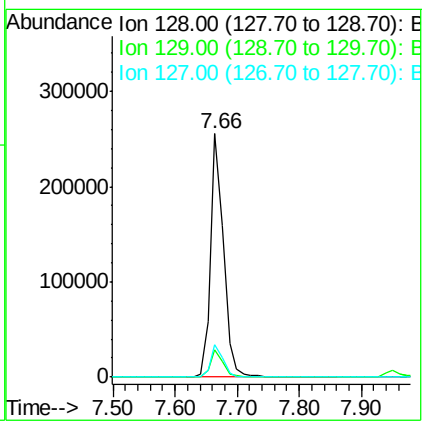


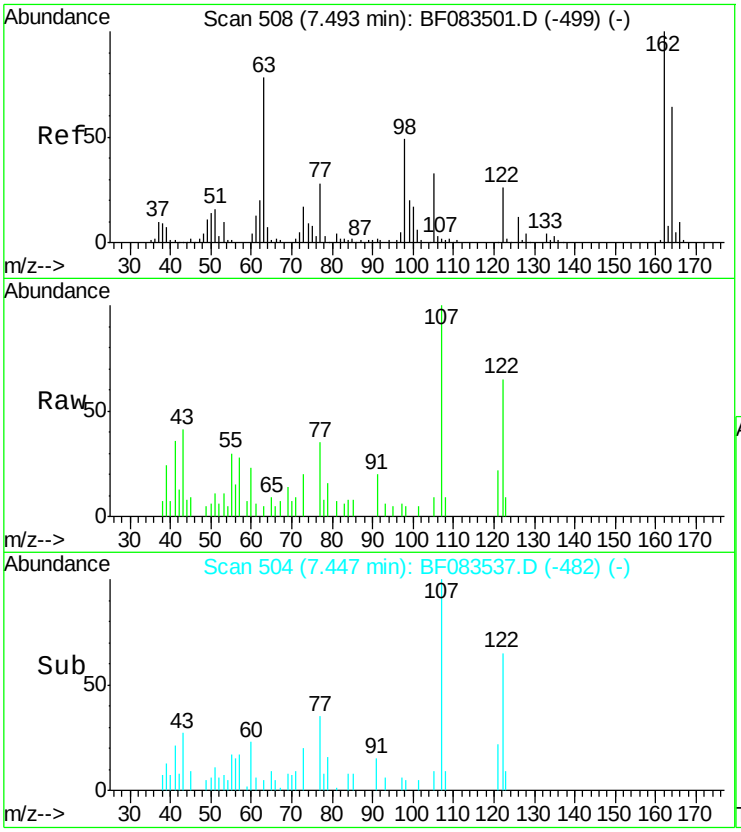


#31
Naphthalene
Concen: 9.38 ng
RT: 7.66 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion:128 Resp: 363766

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.2	10.6	16.0



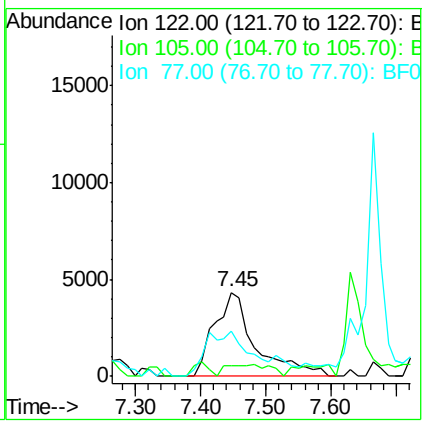


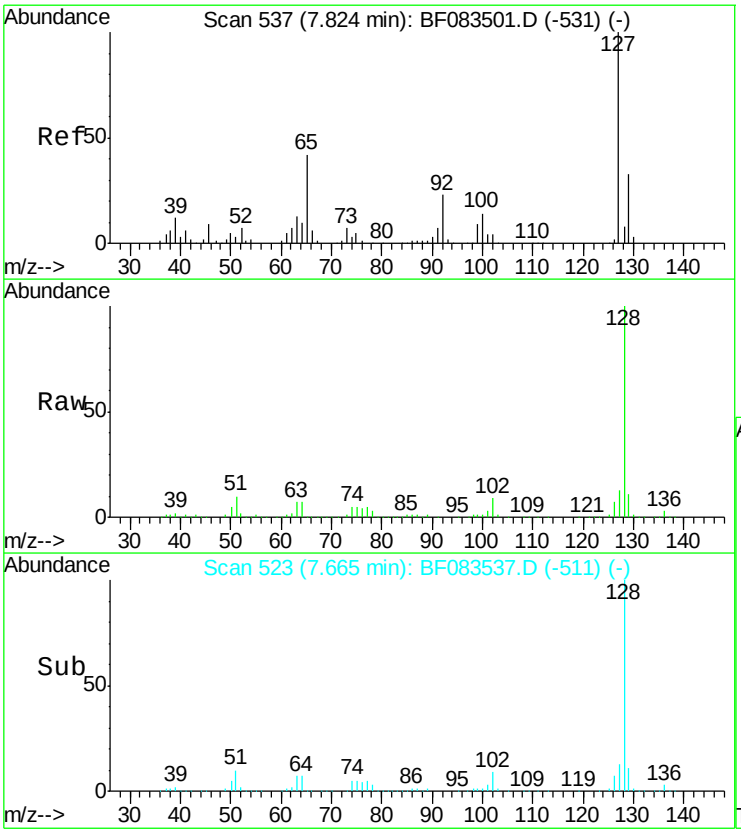
#32
Benzoic acid
Concen: 5.42 ng
RT: 7.45 min Scan# 504
Delta R.T. -0.05 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion:122 Resp: 18888

Ion	Ratio	Lower	Upper
122	100		
105	13.2	105.6	145.6#
77	53.6	86.8	126.8#

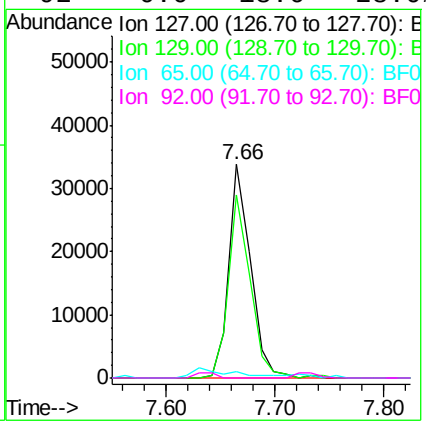


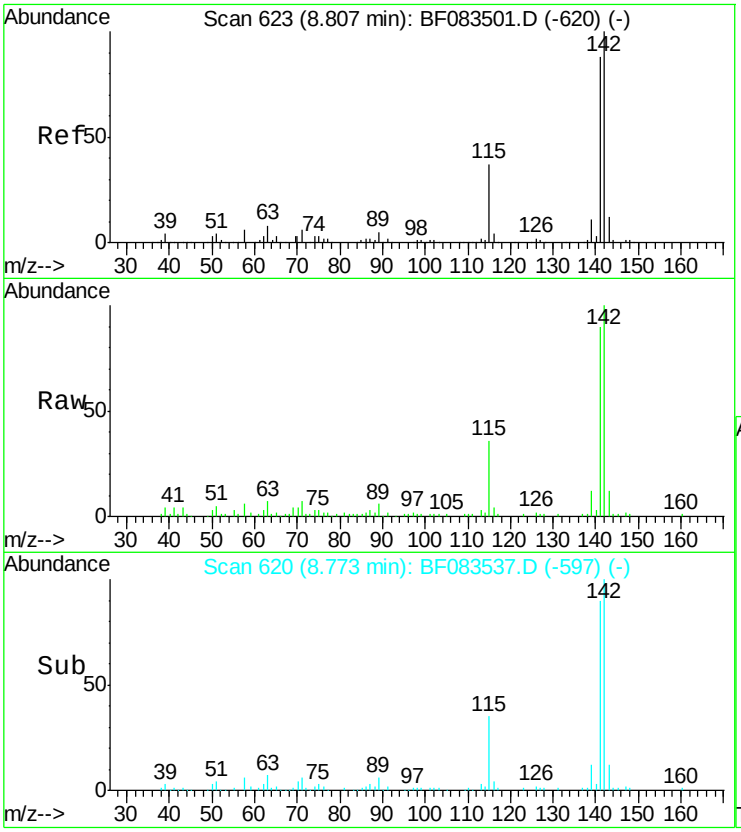


#33
4-Chloroaniline
Concen: 3.06 ng
RT: 7.66 min Scan# 523
Delta R.T. -0.16 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion:127 Resp: 46416

Ion	Ratio	Lower	Upper
127	100		
129	85.6	26.1	39.1#
65	2.8	33.5	50.3#
92	0.0	18.6	28.0#



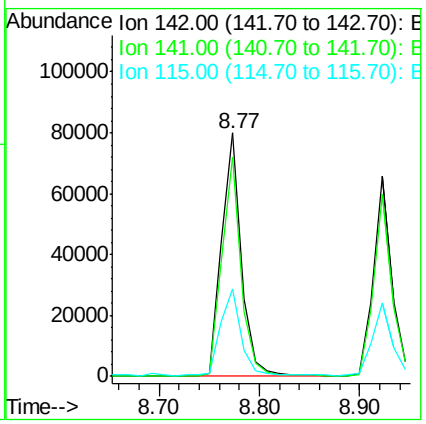


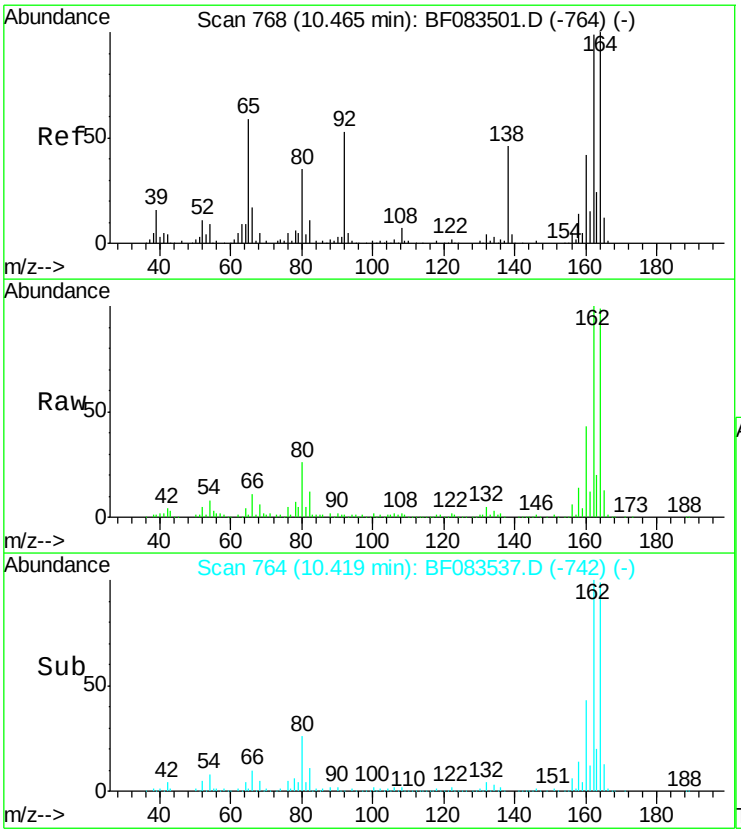
#37
2-Methylnaphthalene
Concen: 4.53 ng
RT: 8.77 min Scan# 620
Delta R.T. -0.03 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion:142 Resp: 108776

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.3	105.5
115	35.8	29.2	43.8

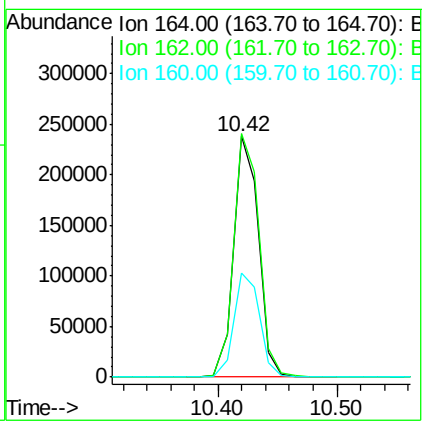


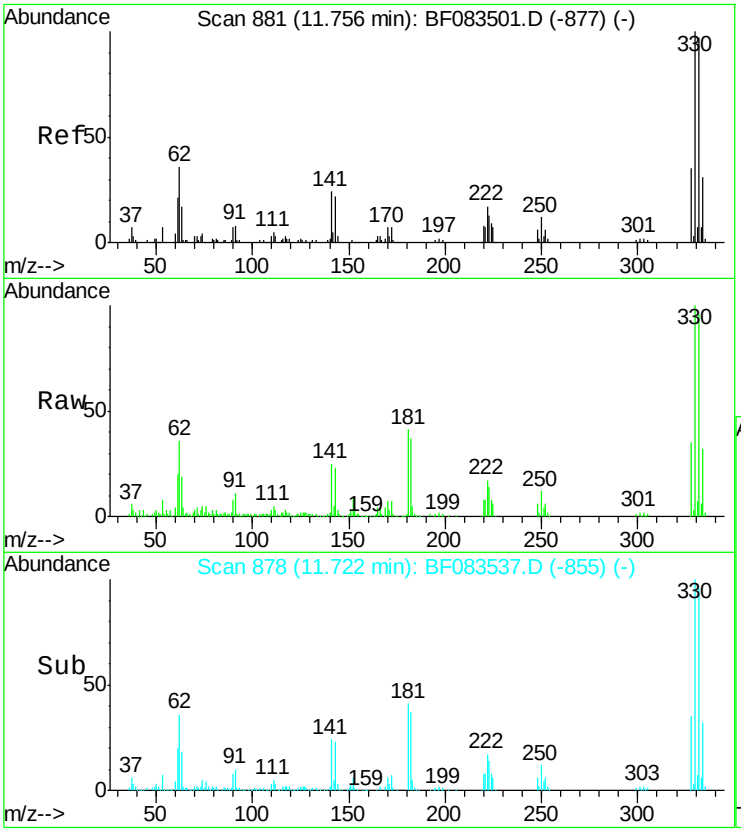


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.42 min Scan# 764
Delta R.T. -0.05 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion:164 Resp: 346712

Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.8	118.2
160	43.2	33.4	50.2



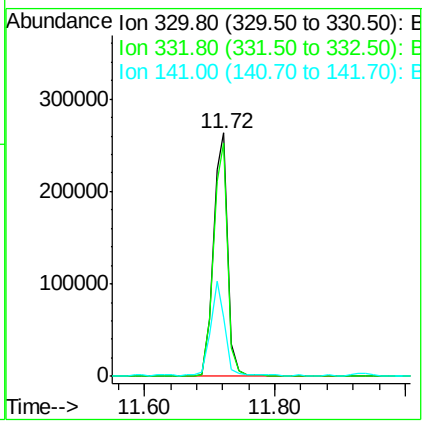


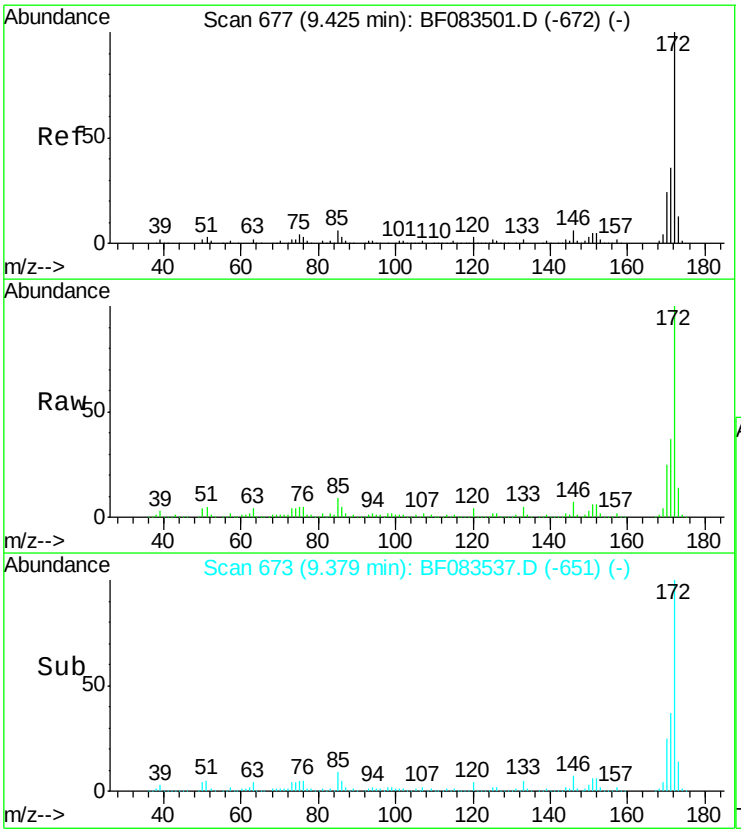
#41
2,4,6-Tribromophenol
Concen: 129.07 ng
RT: 11.72 min Scan# 878
Delta R.T. -0.03 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion:330 Resp: 412814

Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	38.7	0.0	0.0#

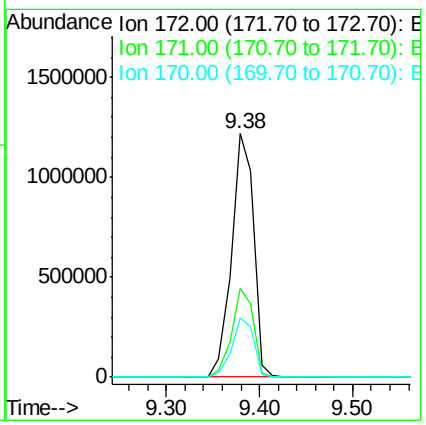


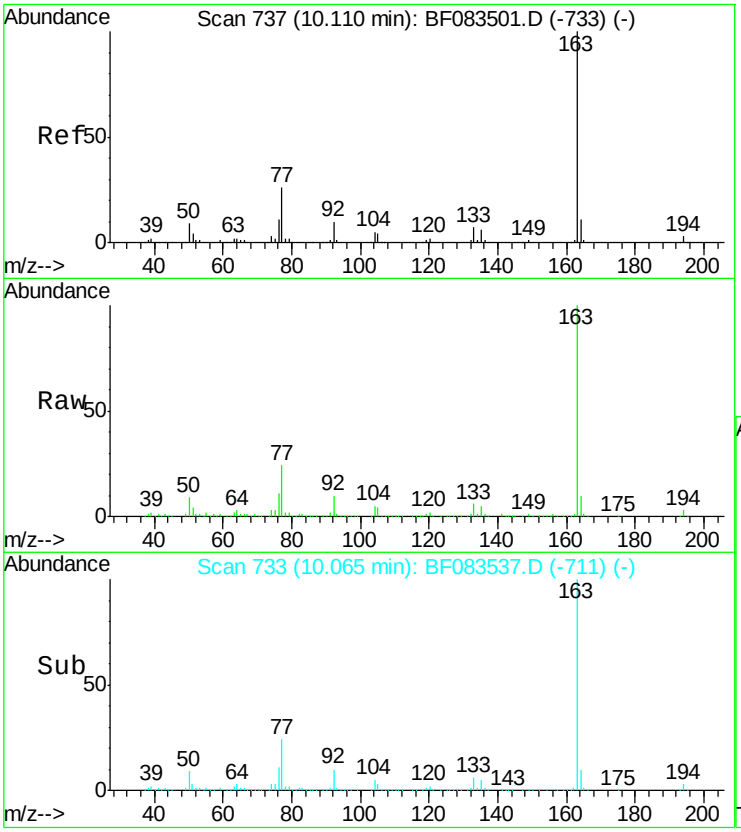


#44
2-Fluorobiphenyl
Concen: 78.53 ng
RT: 9.38 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion:172 Resp: 2007350

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	42.8
170	24.6	19.4	29.0



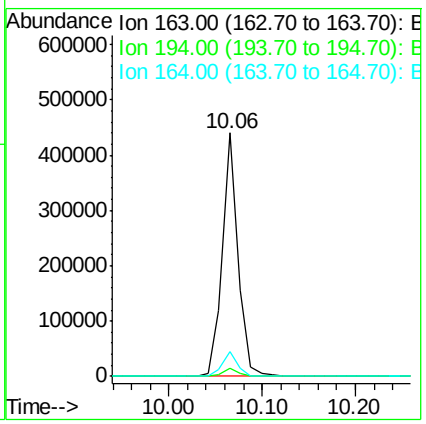


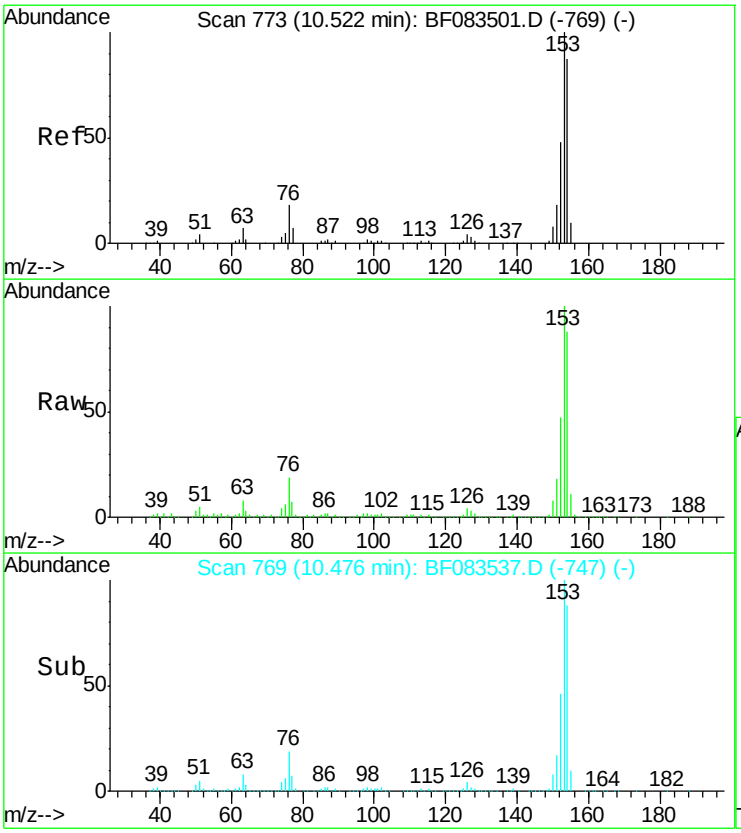
#49
Dimethylphthalate
Concen: 18.78 ng
RT: 10.06 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion:163 Resp: 512418

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.1	8.6	13.0

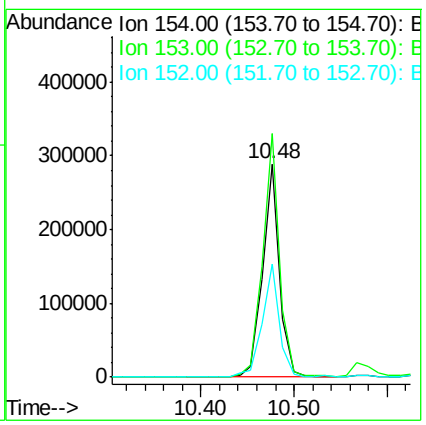


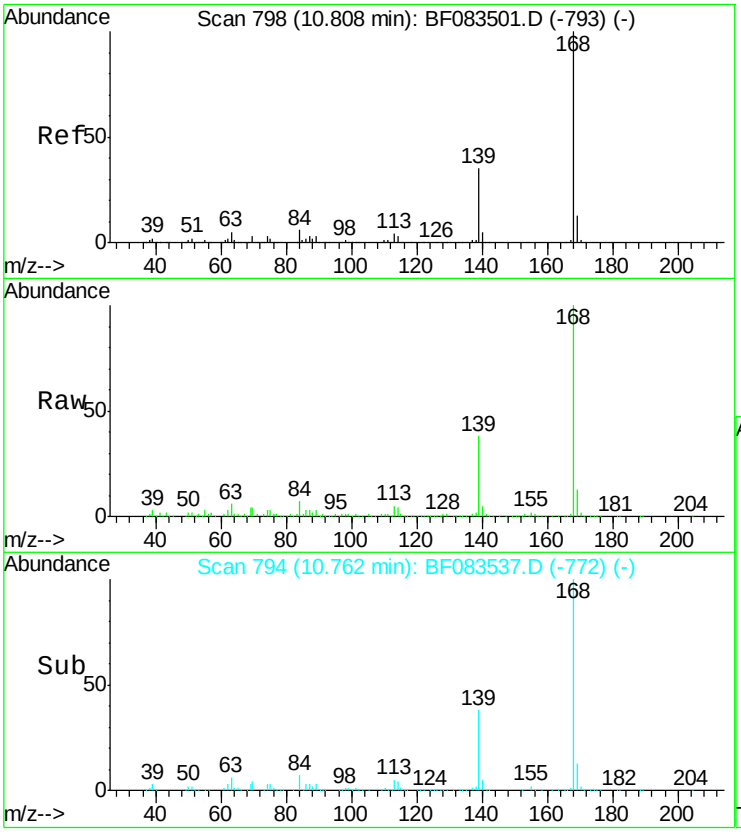


#51
Acenaphthene
Concen: 16.61 ng
RT: 10.48 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion:154 Resp: 363344

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.4	137.0
152	53.2	43.4	65.2



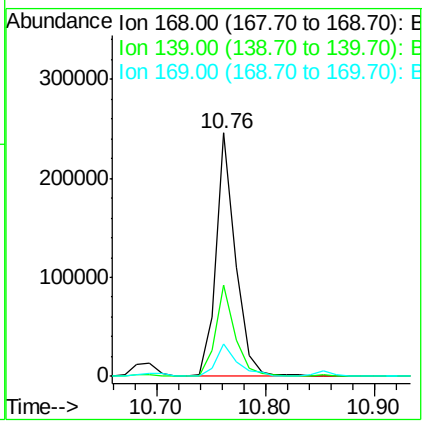


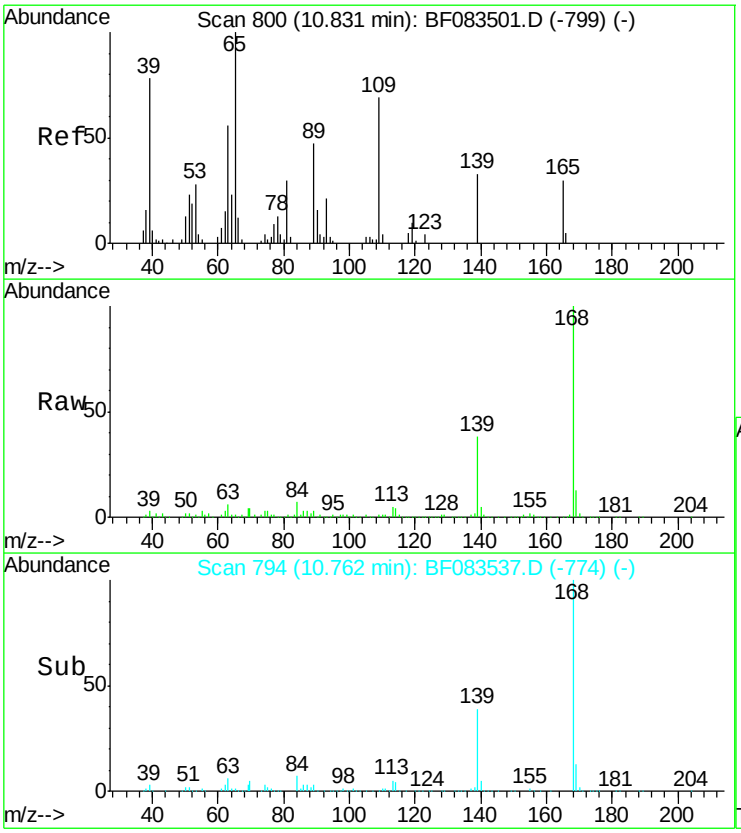
#54
Dibenzofuran
Concen: 10.18 ng
RT: 10.76 min Scan# 794
Delta R.T. -0.05 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion:168 Resp: 308635

Ion	Ratio	Lower	Upper
168	100		
139	37.7	28.0	42.0
169	13.3	10.8	16.2

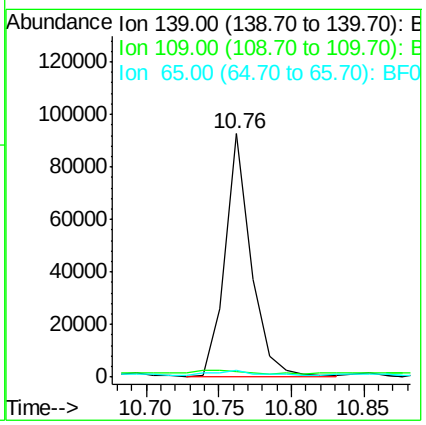


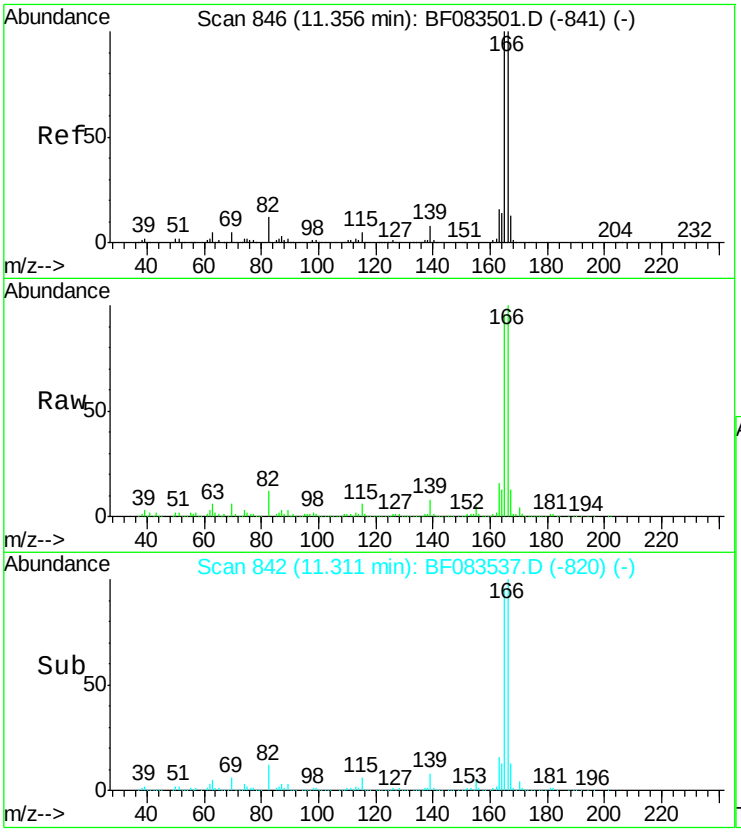


#55
4-Nitrophenol
Concen: 32.73 ng
RT: 10.76 min Scan# 794
Delta R.T. -0.07 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion:139 Resp: 114192

Ion	Ratio	Lower	Upper
139	100		
109	2.4	42.0	82.0#
65	2.8	89.2	129.2#



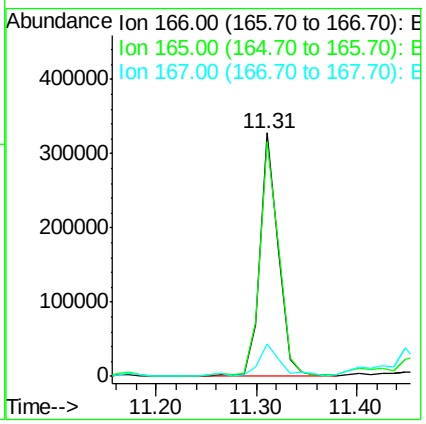


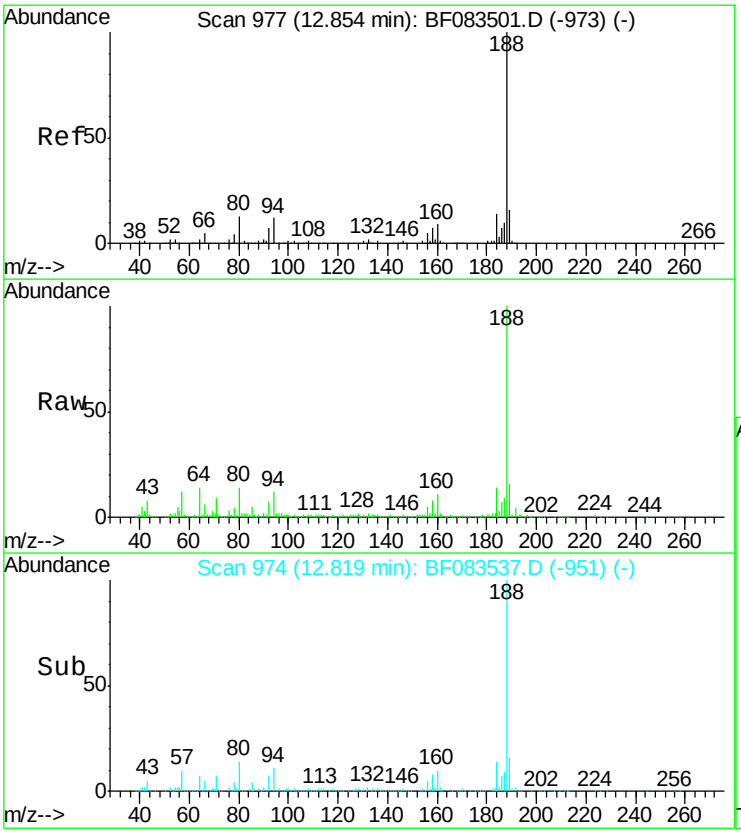
#57
Fluorene
Concen: 15.80 ng
RT: 11.31 min Scan# 842
Delta R.T. -0.05 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion:166 Resp: 416562

Ion	Ratio	Lower	Upper
166	100		
165	96.3	80.0	120.0
167	13.4	10.6	16.0

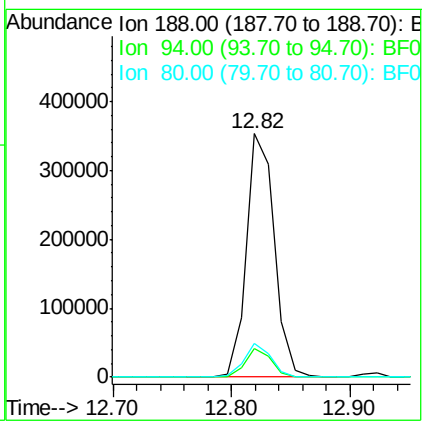


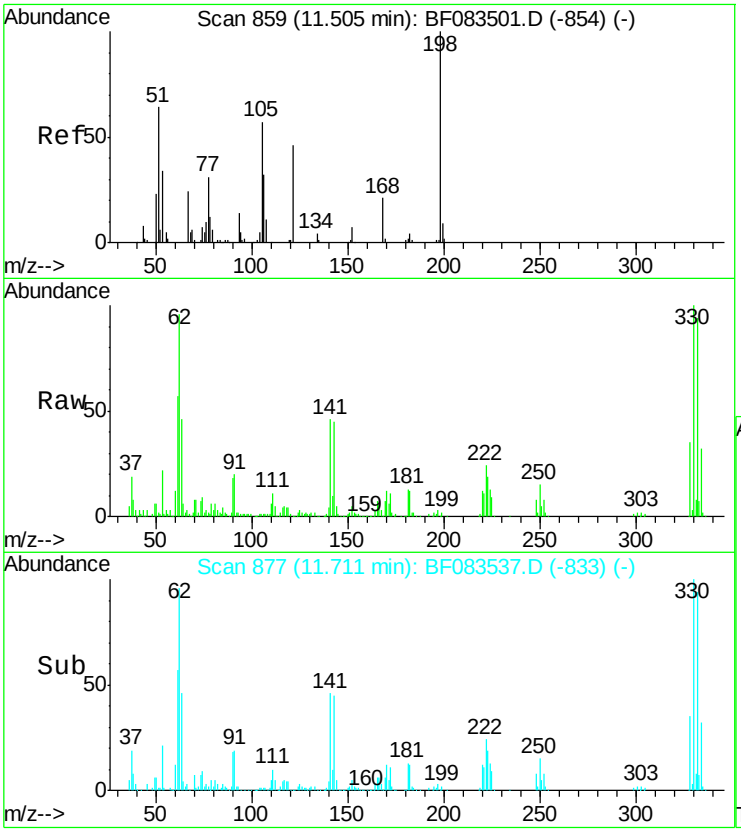


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 974
Delta R.T. -0.03 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion:188 Resp: 581830

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	13.7	10.6	16.0



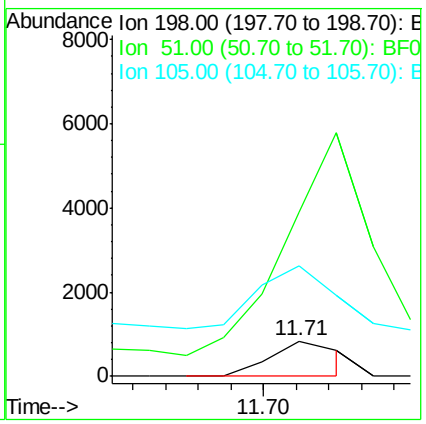


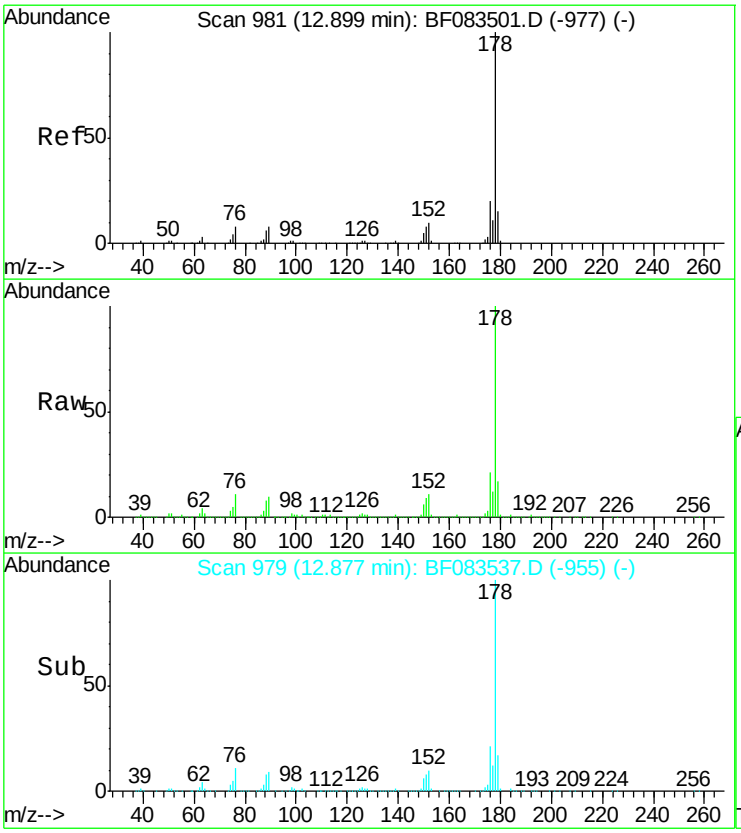
#64
4,6-Dinitro-2-methylphenol
Concen: 3.78 ng
RT: 11.71 min Scan# 877
Delta R.T. 0.21 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion:198 Resp: 1253

Ion	Ratio	Lower	Upper
198	100		
51	464.9	53.8	93.8#
105	311.9	38.6	78.6#

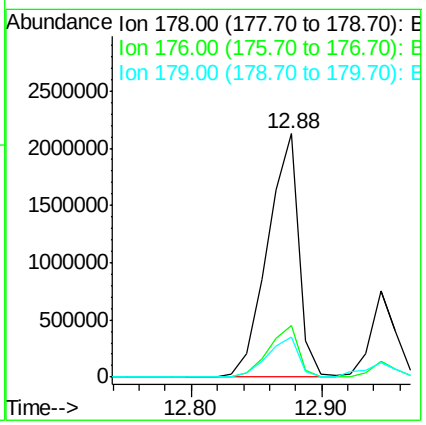


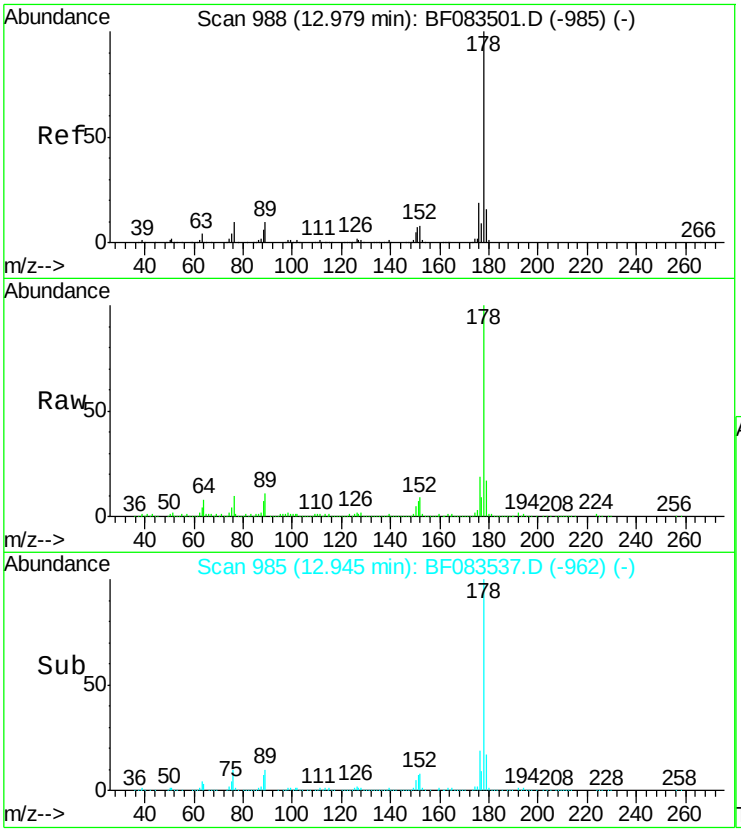


#70
Phenanthrene
Concen: 105.17 ng
RT: 12.88 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion:178 Resp: 3561632

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.7	23.5
179	16.7	12.2	18.4



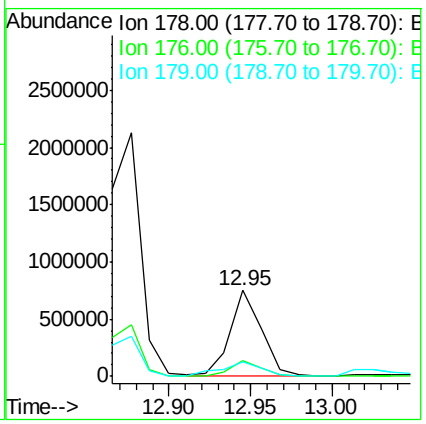


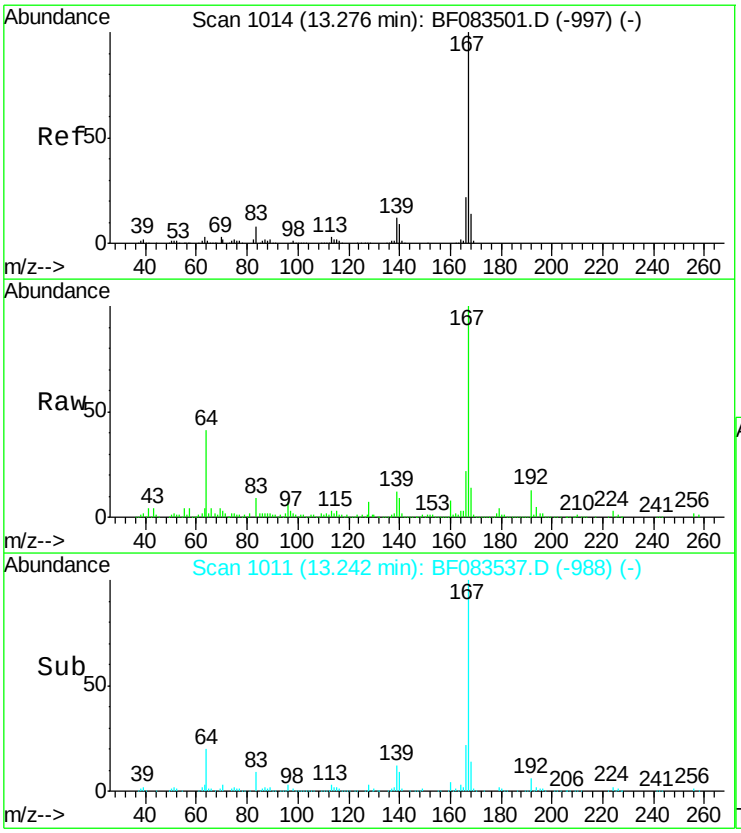
#71
Anthracene
Concen: 28.50 ng
RT: 12.95 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion:178 Resp: 984227

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	17.2	12.6	18.8

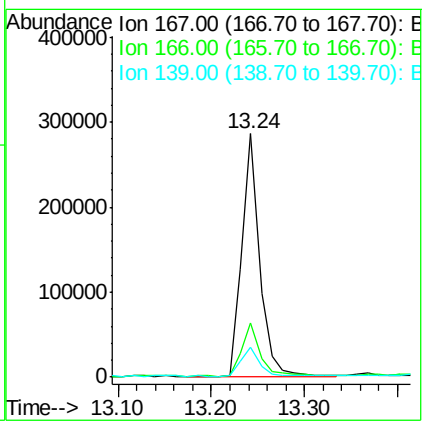


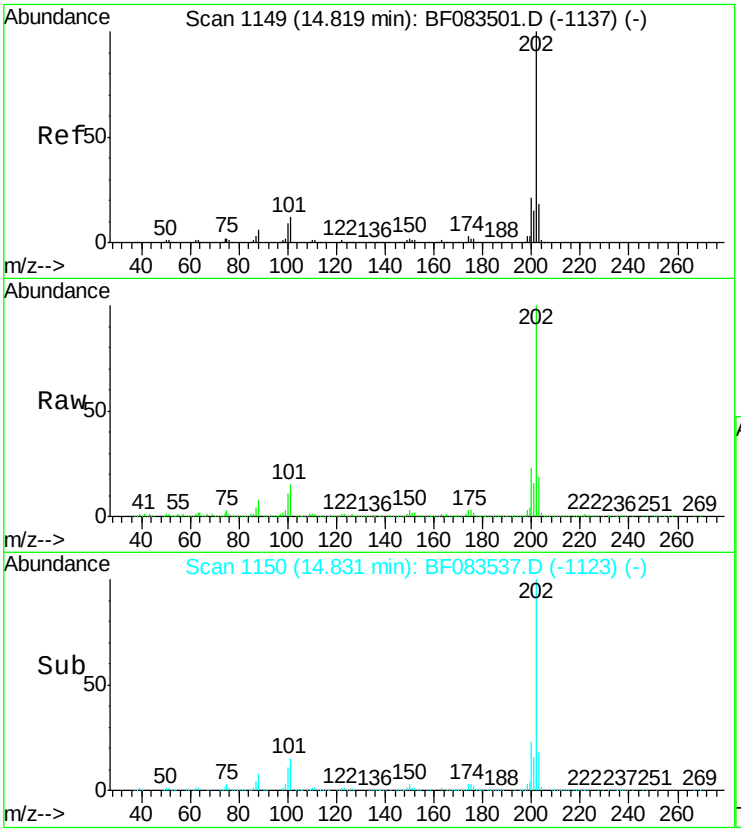


#72
Carbazole
Concen: 12.70 ng
RT: 13.24 min Scan# 1011
Delta R.T. -0.03 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion:167 Resp: 376555

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.2	25.8
139	12.4	9.3	13.9



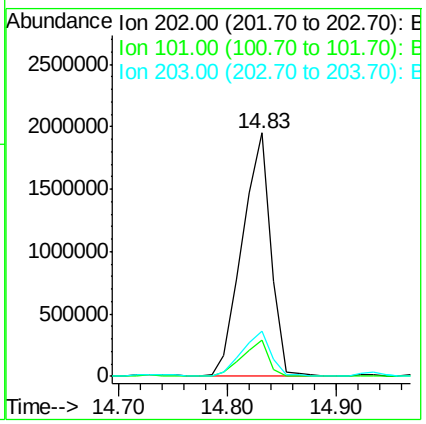


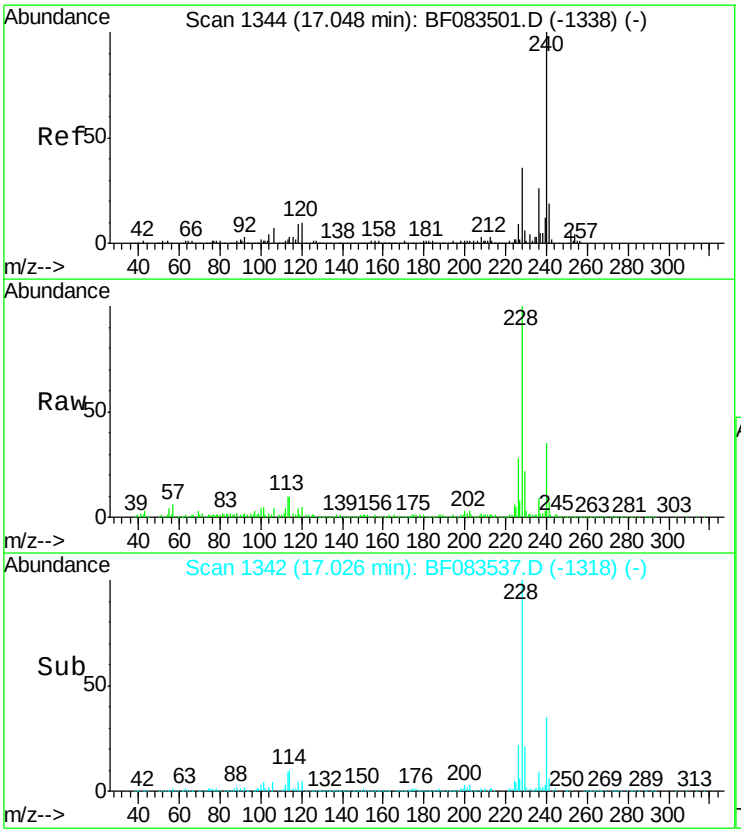
#74
Fluoranthene
Concen: 106.39 ng
RT: 14.83 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion:202 Resp: 3571034

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	31.5
203	18.6	0.0	37.6

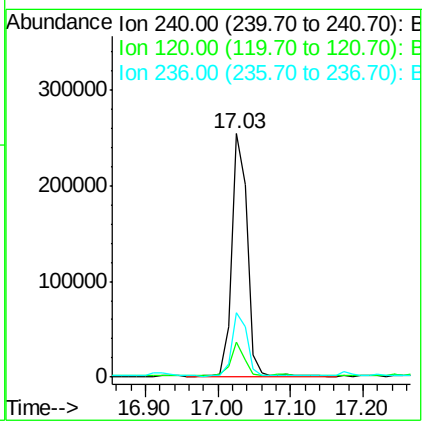


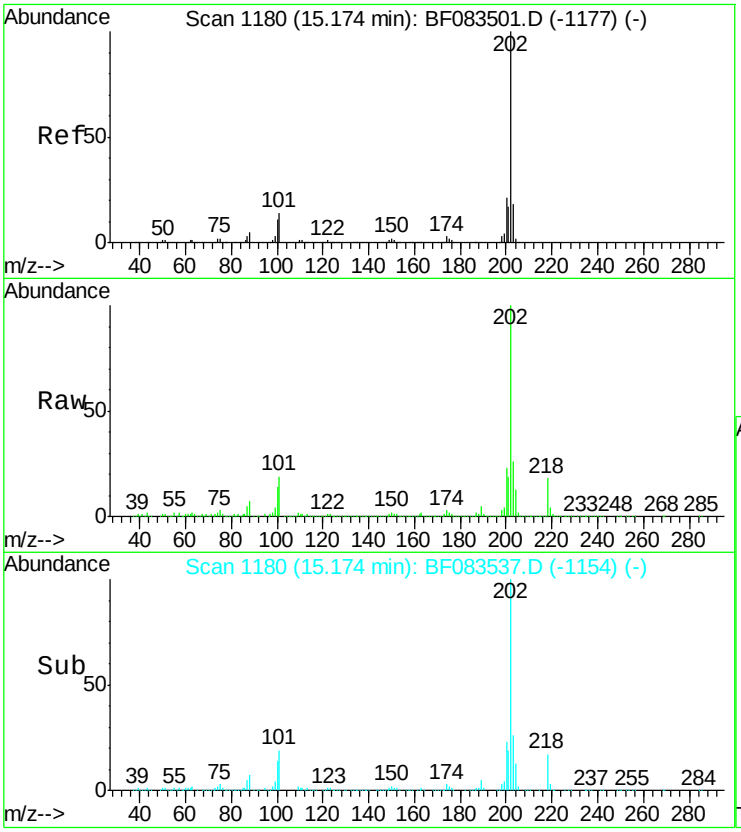


#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.03 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion:240 Resp: 372052

Ion	Ratio	Lower	Upper
240	100		
120	14.2	8.1	12.1#
236	26.3	20.8	31.2



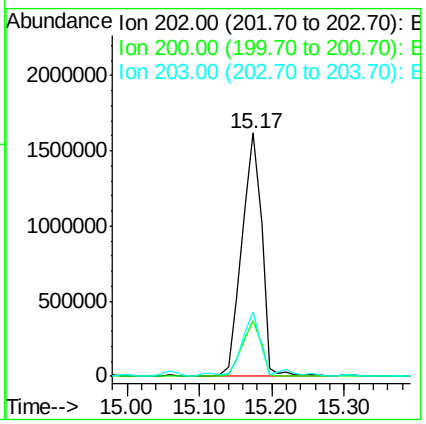


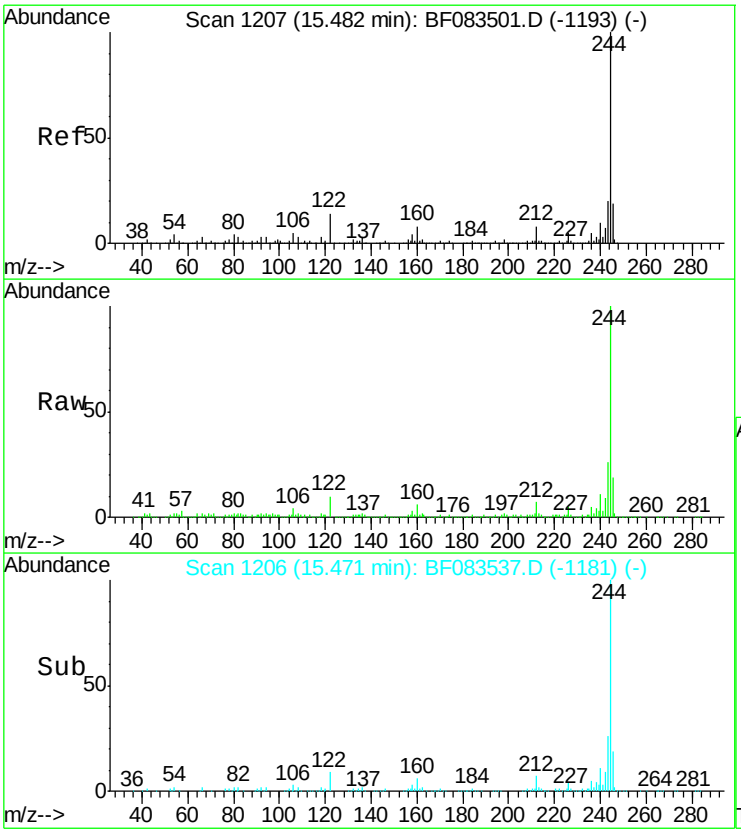
#77
Pyrene
Concen: 110.82 ng
RT: 15.17 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion:202 Resp: 3084397

Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.7	25.1
203	26.3	14.3	21.5#

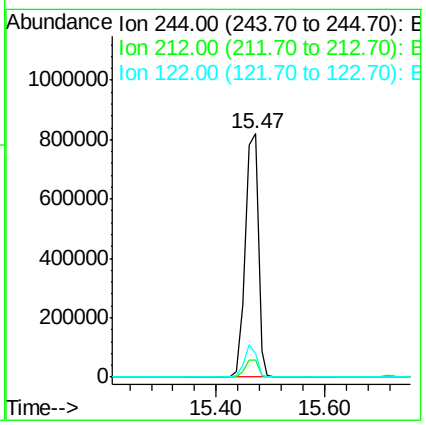


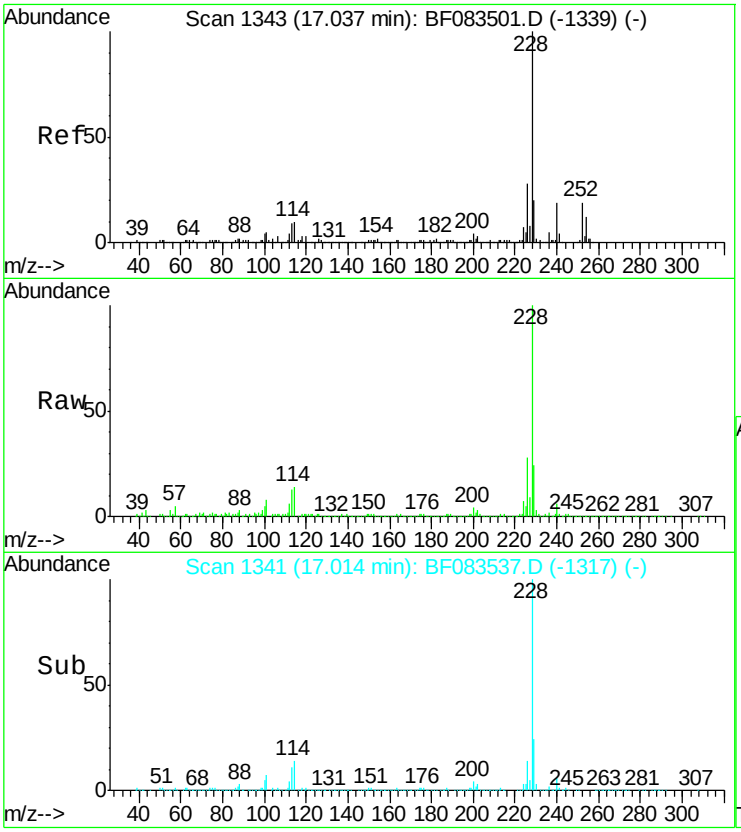


#78
Terphenyl-d14
Concen: 81.24 ng
RT: 15.47 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion:244 Resp: 1358305

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	9.6	11.0	16.6#



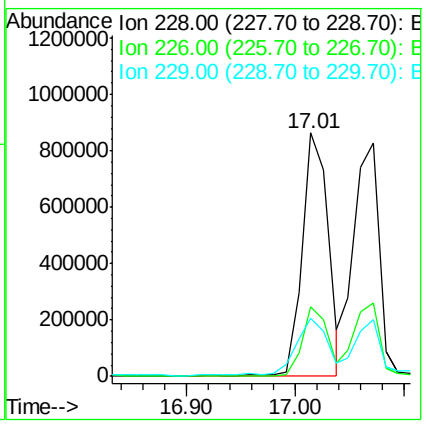


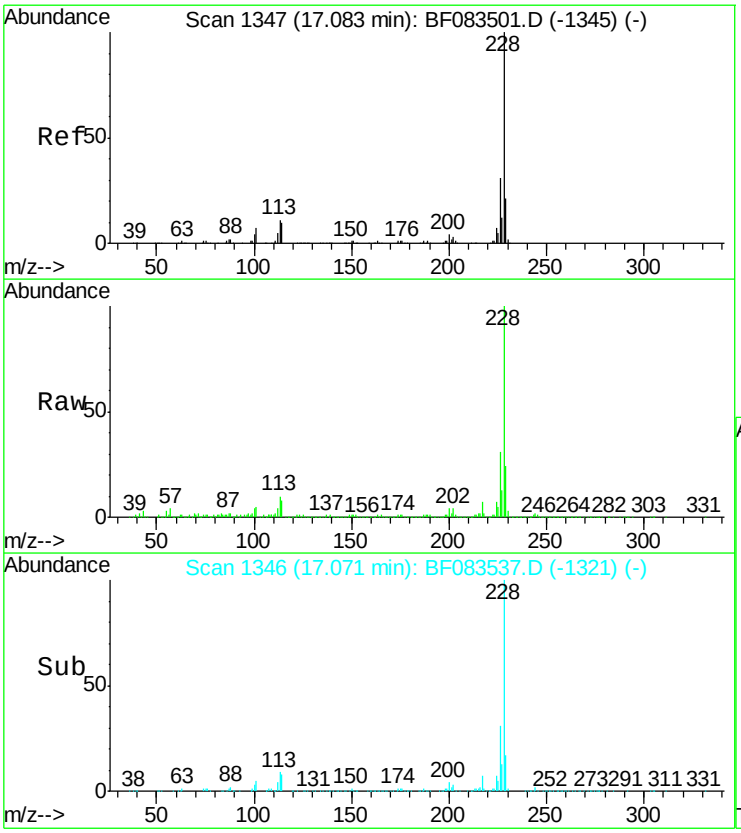
#80
Benzo(a)anthracene
Concen: 65.49 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion:228 Resp: 1425552

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	23.7	15.7	23.5#

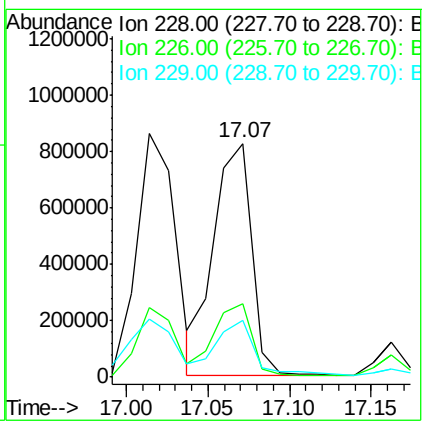


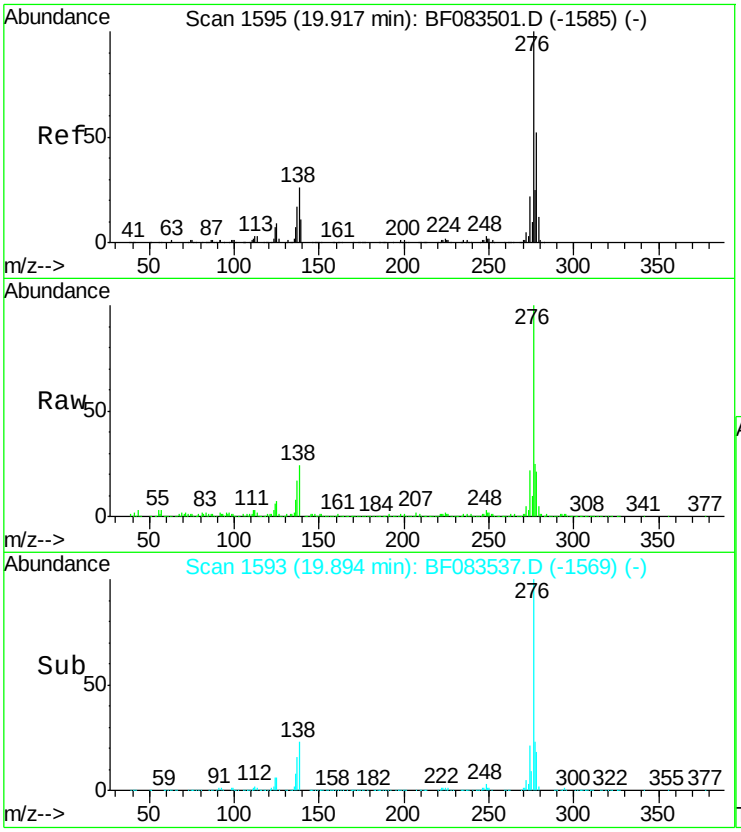


#82
Chrysene
Concen: 61.69 ng
RT: 17.07 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion:228 Resp: 1337701

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	24.3	16.3	24.5



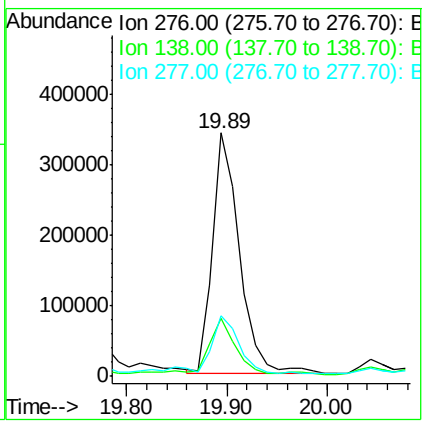


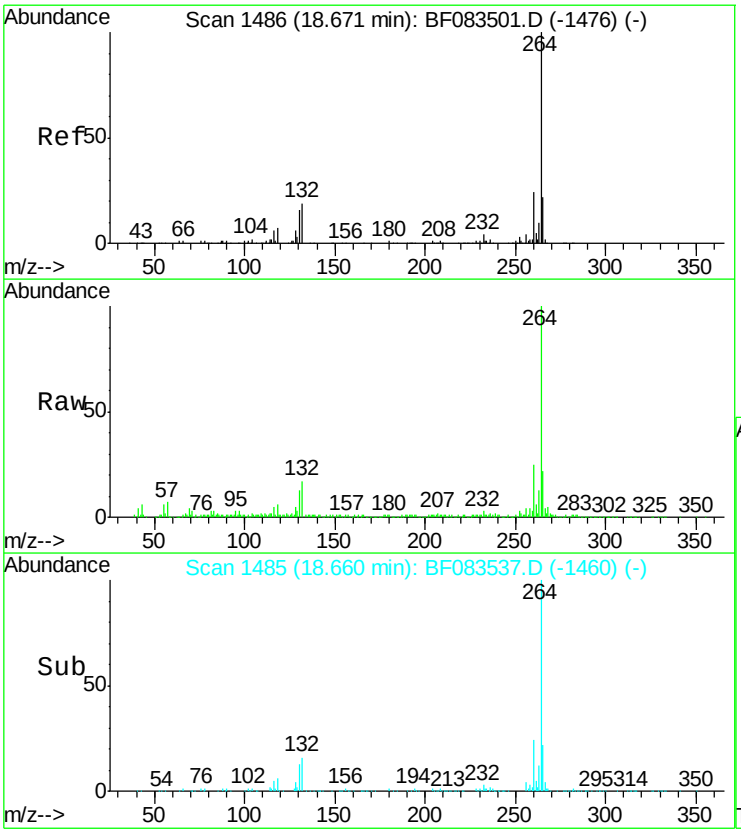
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.29 ng
RT: 19.89 min Scan# 1593
Delta R.T. -0.02 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion:276 Resp: 637388

Ion	Ratio	Lower	Upper
276	100		
138	22.0	0.0	0.0#
277	27.0	0.0	0.0#

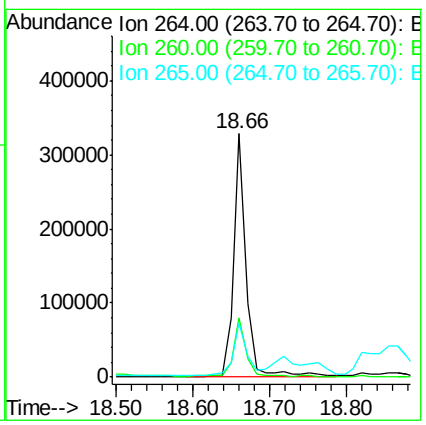


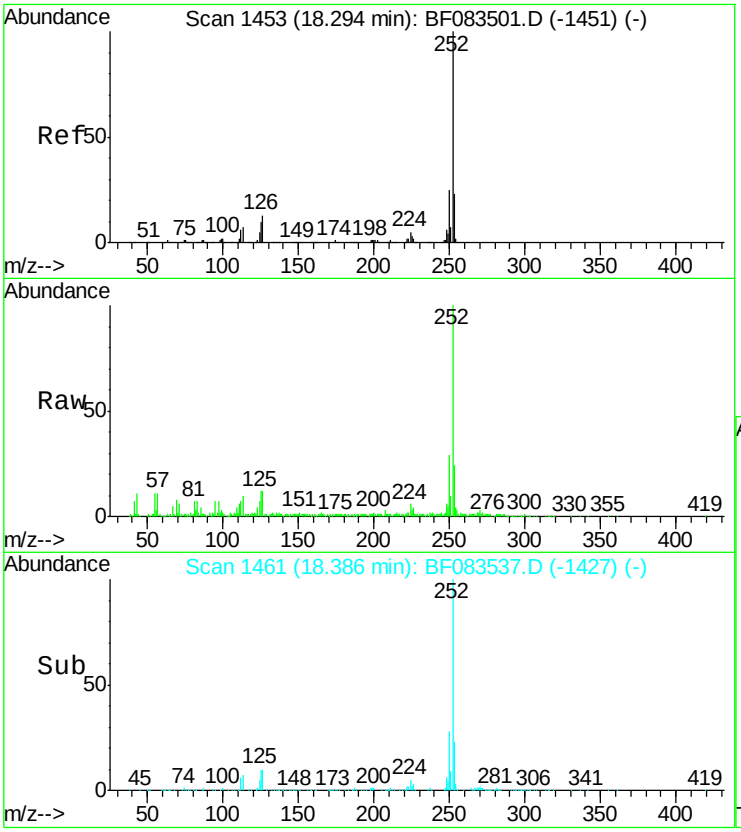


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.66 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion:264 Resp: 380648

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	22.3	17.8	26.6



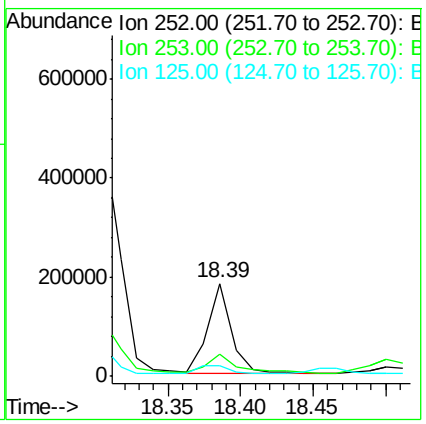


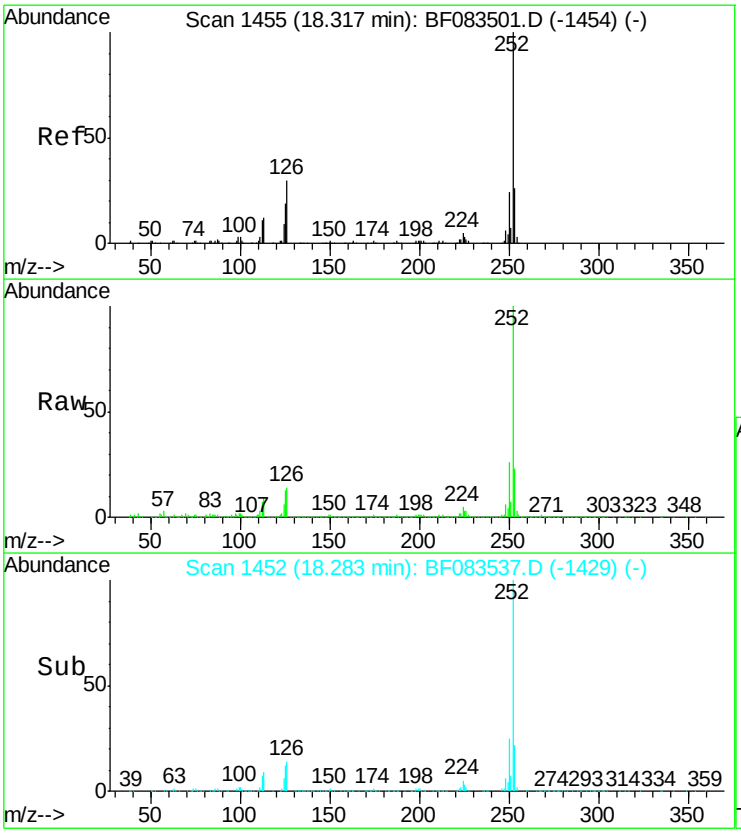
#87
Benzo(b)fluoranthene
Concen: 9.53 ng
RT: 18.39 min Scan# 1461
Delta R.T. 0.09 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion:252 Resp: 203729

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.4
125	12.1	8.2	12.4

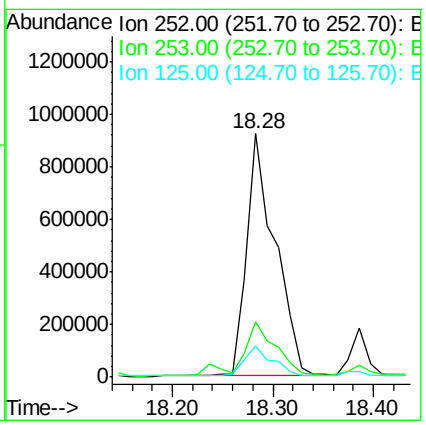


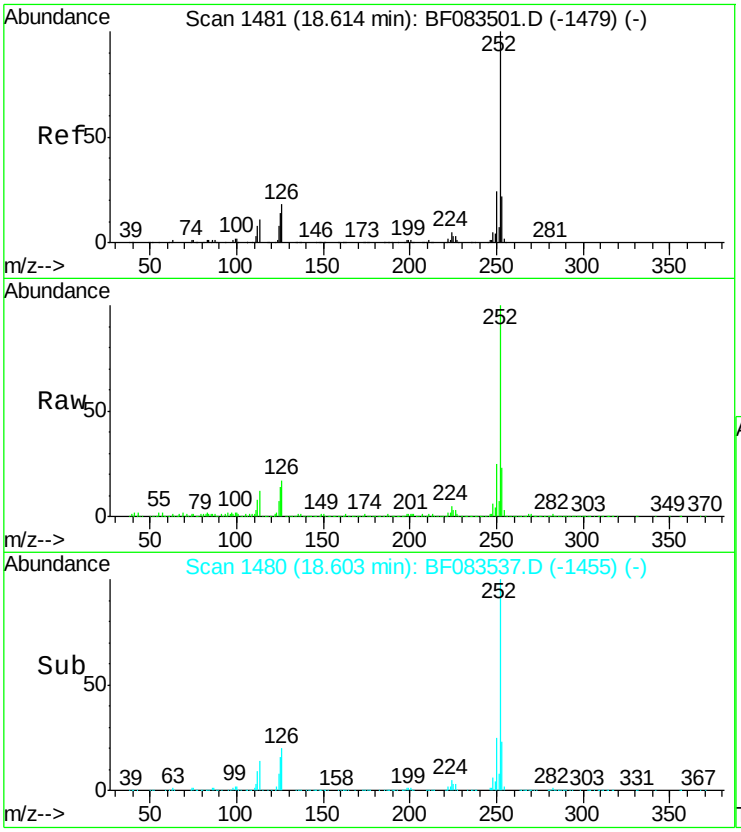


#88
Benzo(k)fluoranthene
Concen: 82.70 ng
RT: 18.28 min Scan# 1452
Delta R.T. -0.03 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion:252 Resp: 1810969

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	12.9	11.5	17.3



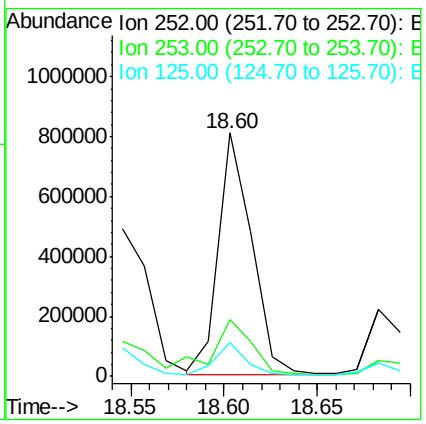


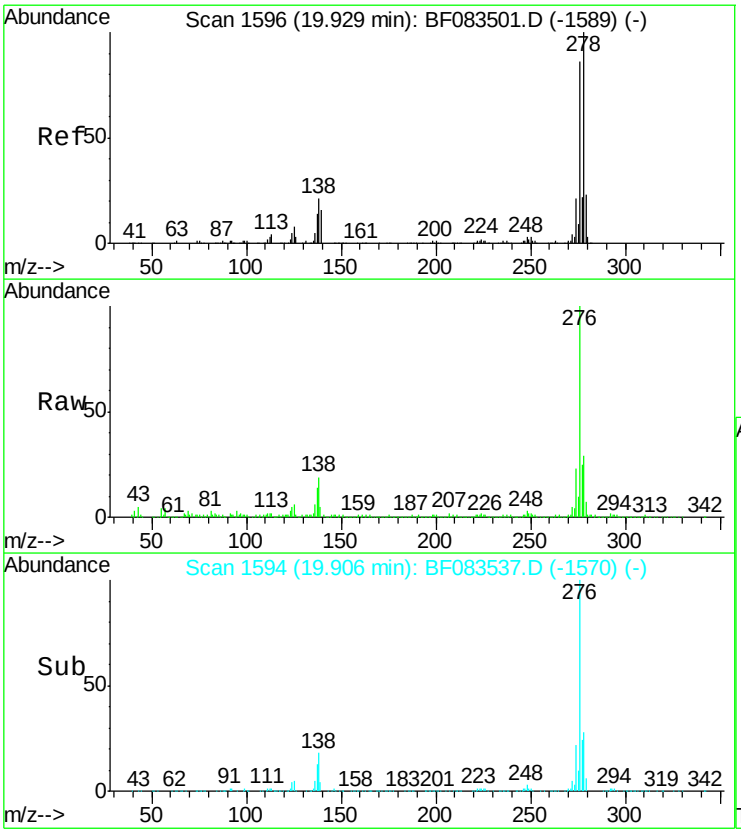
#89
Benzo(a)pyrene
Concen: 48.83 ng
RT: 18.60 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion:252 Resp: 1015287

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	13.8	11.0	16.6

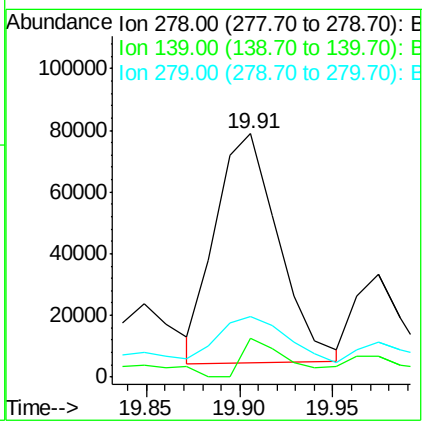


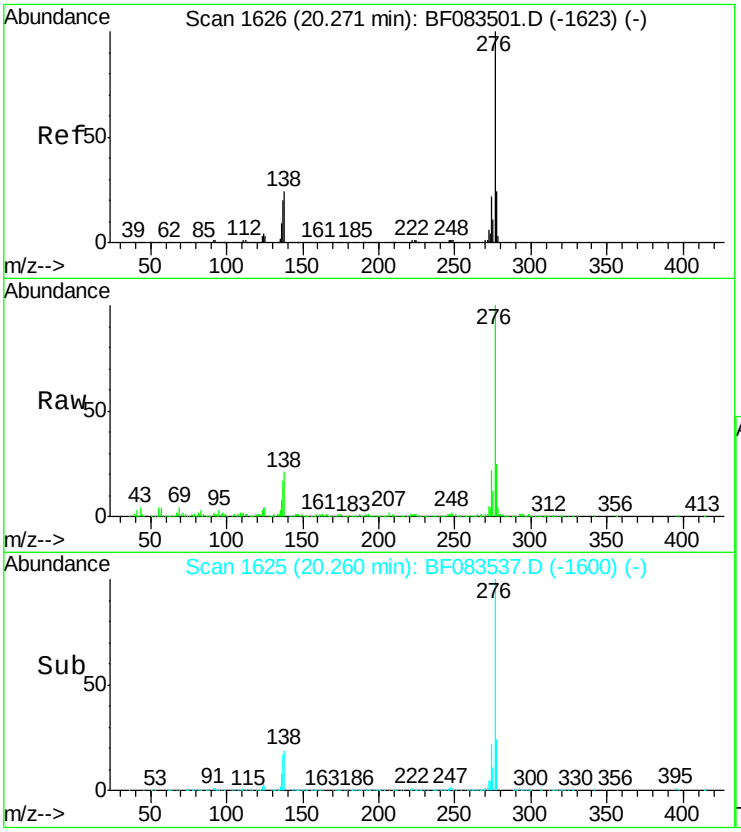


#90
Dibenzo(a,h)anthracene
Concen: 8.77 ng
RT: 19.91 min Scan# 1594
Delta R.T. -0.02 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Tgt Ion:278 Resp: 175394

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.8	19.2
279	24.9	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 30.43 ng
RT: 20.26 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BF083537.D
Acq: 7 Dec 2015 1:47

Instrument :
BNA_G
ClientSampleId :
S34-15.5

Tgt Ion:276 Resp: 613461

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.2	28.8
138	20.9	19.5	29.3