Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083477.D
Acq On : 3 Dec 2015 23:53
Operator : UM/IZ
Sample : G4617-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08

Quant Time: Dec 04 00:47:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	624191	20.00	ng		0.14
21) Naphthalene-d8	7.81	136	604046	20.00	ng		-0.02
38) Acenaphthene-d10	9.56	164	311675	20.00	ng		-0.02
63) Phenanthrene-d10	11.09	188	506994	20.00	ng		-0.03
75) Chrysene-d12	14.72	240	377343	20.00	ng		-0.05
86) Perylene-d12	16.79	264	326771	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	1500367	36.07	ng		0.00
7) Phenol-d6	6.21	99	2056450	36.12	ng		-0.01
23) Nitrobenzene-d5	7.10	82	1211278	88.15	ng		-0.02
41) 2,4,6-Tribromophenol	10.35	330	326007	104.20	ng		-0.03
44) 2-Fluorobiphenyl	8.90	172	1620599	74.10	ng		-0.02
78) Terphenyl-d14	13.19	244	1236790	78.17	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.20	77	6506	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.10	70	168248	4.13	ng	#	81
25) Isophorone	7.10	82	919186	34.53	ng	#	70
31) Naphthalene	7.84	128	173240	5.29	ng		98
37) 2-Methylnaphthalene	8.53	142	136459	6.23	ng		99
49) Dimethylphthalate	9.30	163	397562	15.70	ng		99
54) Dibenzofuran	9.77	168	58792	2.05	ng	#	89
55) 4-Nitrophenol	9.77	139	23166	5.84	ng	#	1
66) 4-Bromophenyl-phenylether	10.35	248	22430	4.04	ng	#	1
70) Phenanthrene	11.13	178	436932	14.56	ng		99
71) Anthracene	11.18	178	97698	3.23	ng		97
74) Fluoranthene	12.63	202	695024	22.35	ng		98
77) Pyrene	12.93	202	569210	21.60	ng		98
80) Benzo(a)anthracene	14.69	228	267909	11.59	ng		95
82) Chrysene	14.75	228	301389	13.49	ng		96
85) Indeno(1,2,3-cd)pyrene	18.16	276	139271	8.56	ng		97
87) Benzo(b)fluoranthene	16.27	252	479181	22.85	ng		99
88) Benzo(k)fluoranthene	16.27	252	479181	24.20	ng	#	97
89) Benzo(a)pyrene	16.71	252	225634	12.53	ng	#	96
90) Dibenzo(a,h)anthracene	18.17	278	45674	2.91	ng	#	91
91) Benzo(g,h,i)perylene	18.52	276	122294	7.94	ng	#	94

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

Quantitation Report (Not Reviewed)

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Data File : BF083477.D
Acq On : 3 Dec 2015 23:53
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Sample : G4617-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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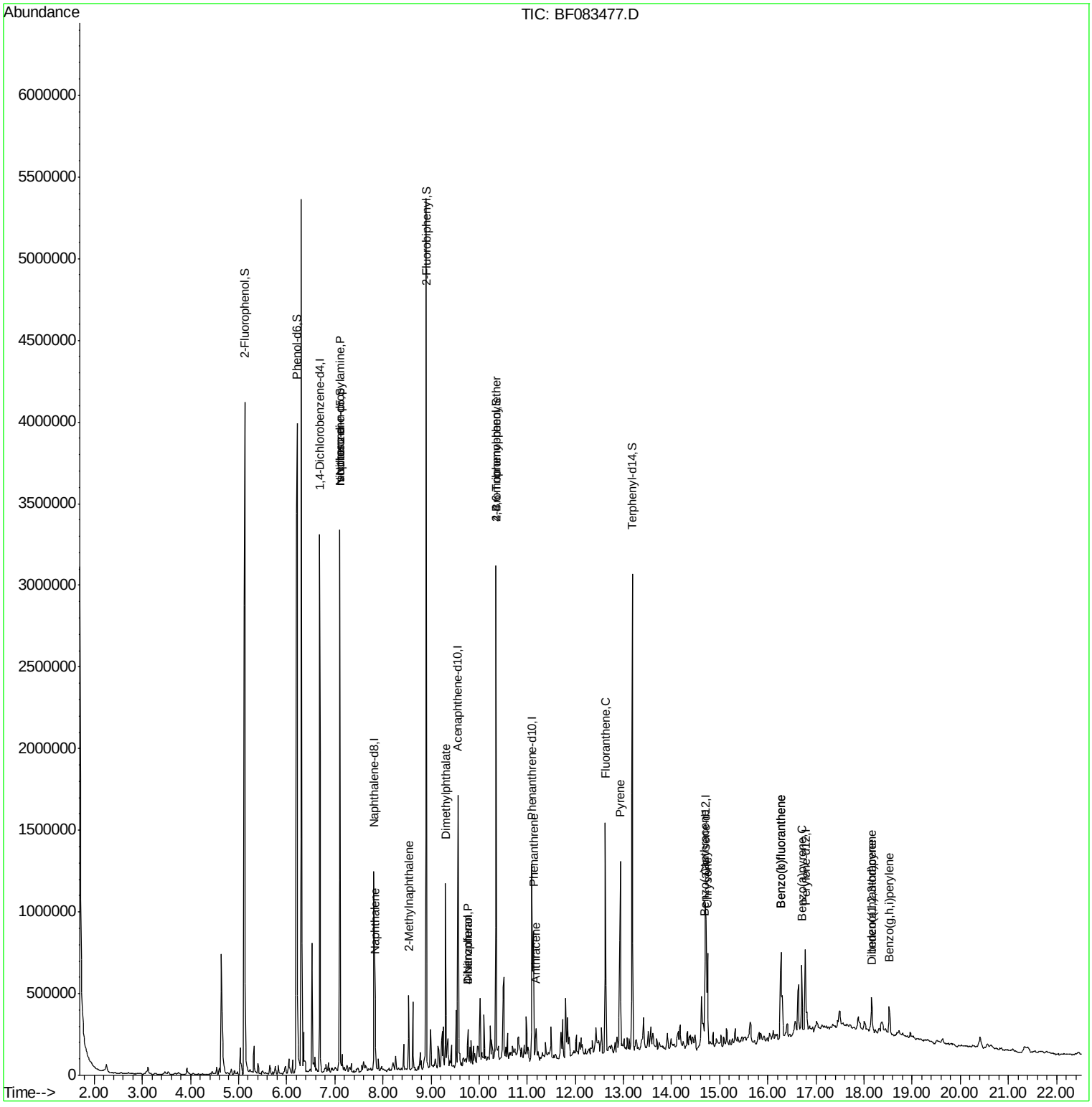
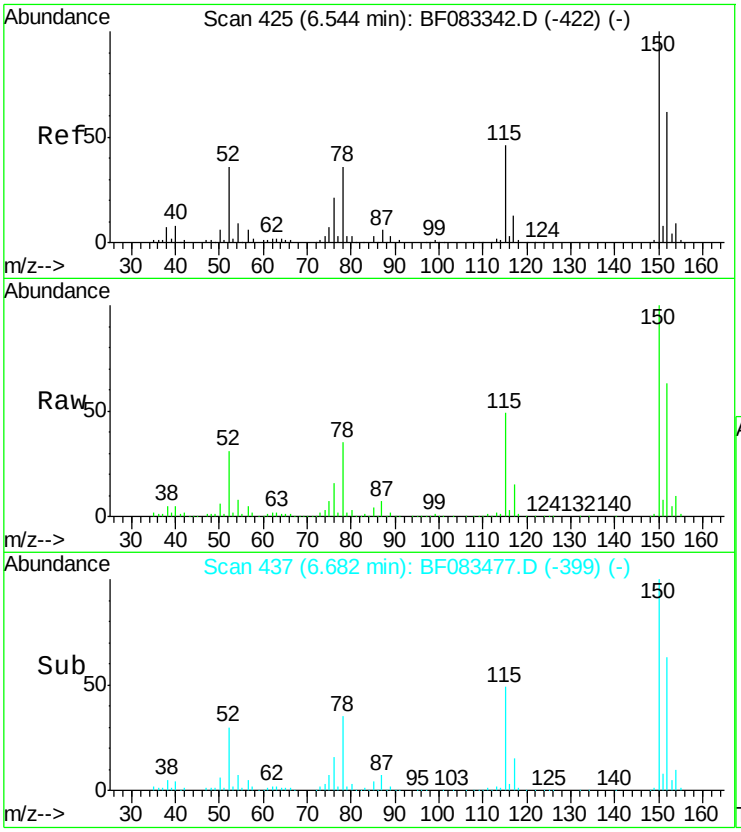


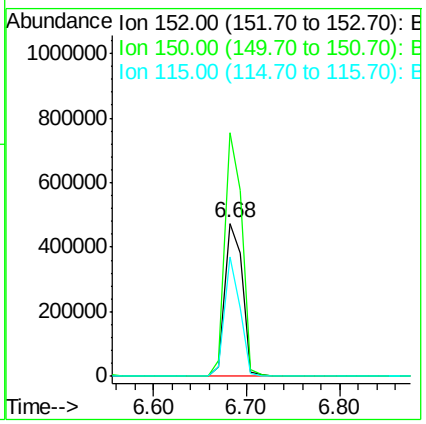


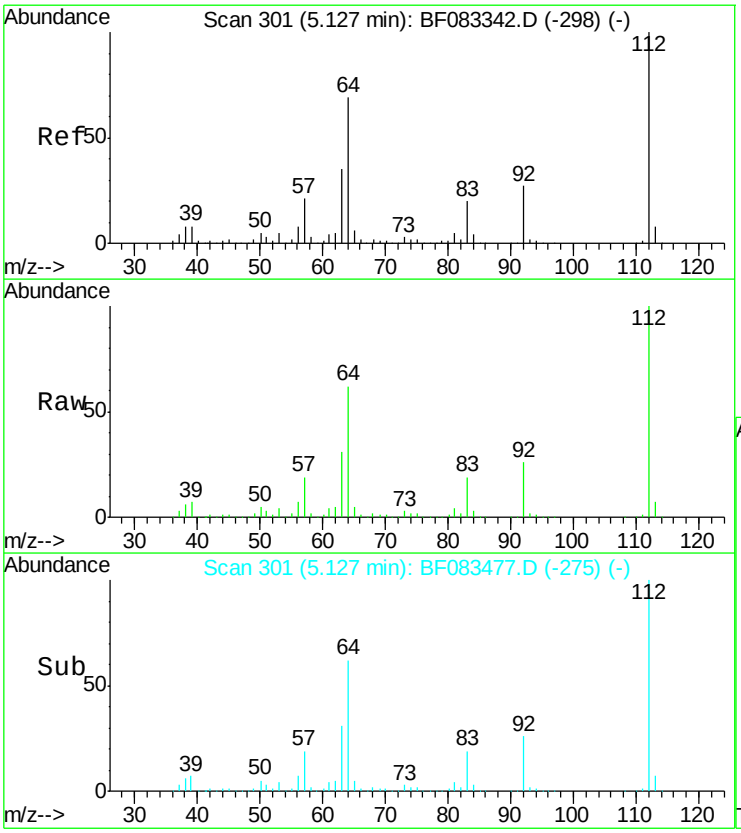
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 437
Delta R.T. 0.14 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:152 Resp: 624191

Ion	Ratio	Lower	Upper
152	100		
150	159.2	129.8	194.8
115	78.0	59.2	88.8

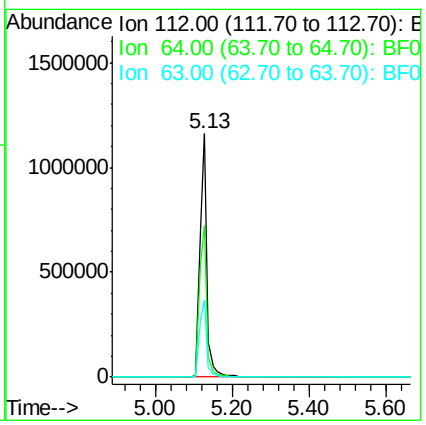


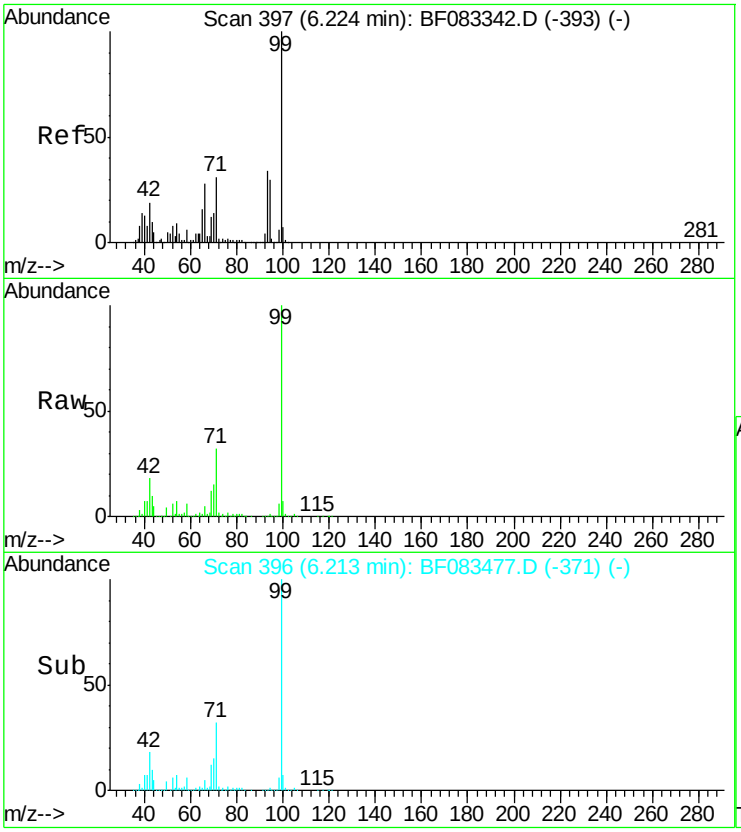


#5
2-Fluorophenol
Concen: 36.07 ng
RT: 5.13 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Tgt Ion:112 Resp: 1500367

Ion	Ratio	Lower	Upper
112	100		
64	62.3	55.6	83.4
63	31.5	28.2	42.2



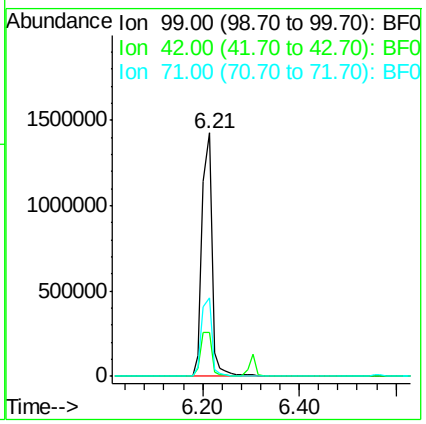


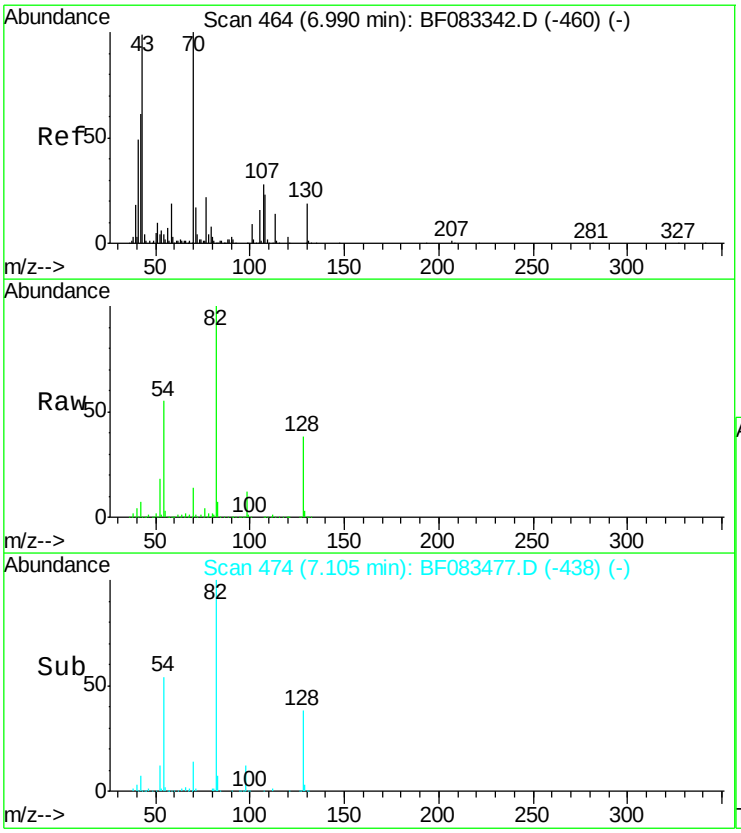
#7
Phenol-d6
Concen: 36.12 ng
RT: 6.21 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion: 99 Resp: 2056450

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.9	22.3
71	32.1	24.7	37.1

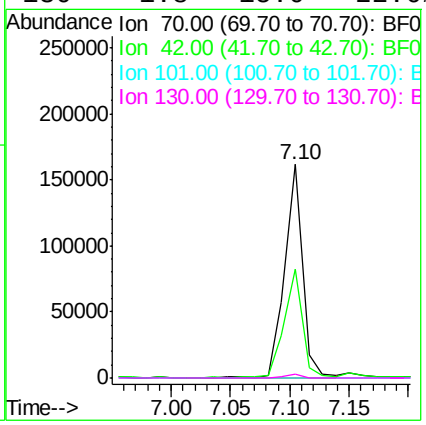


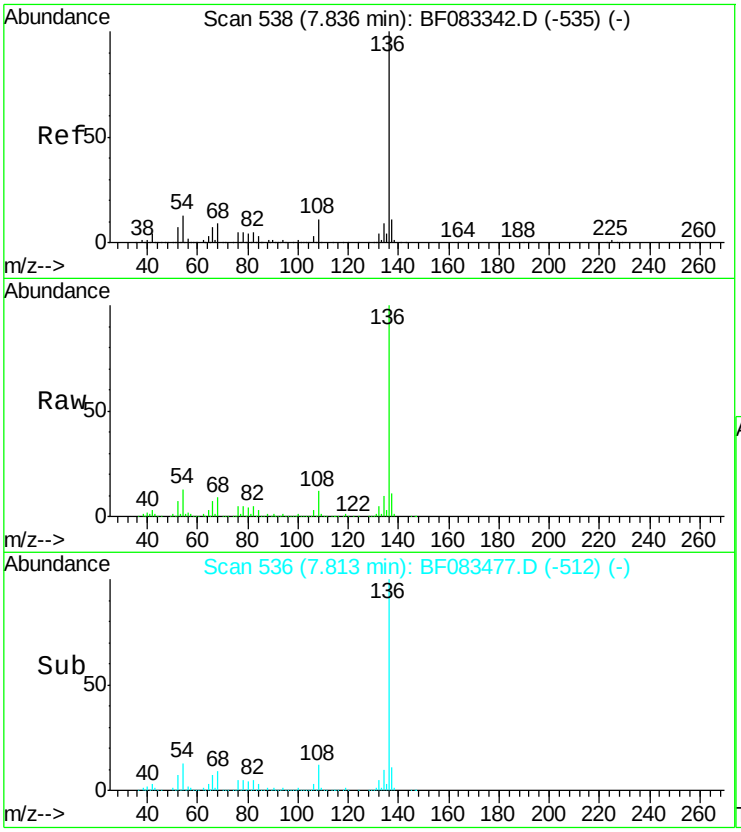


#19
n-Nitroso-di-n-propylamine
Concen: 4.13 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.11 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Tgt Ion: 70 Resp: 168248

Ion	Ratio	Lower	Upper
70	100		
42	51.1	48.8	73.2
101	0.0	7.1	10.7#
130	1.8	15.0	22.6#



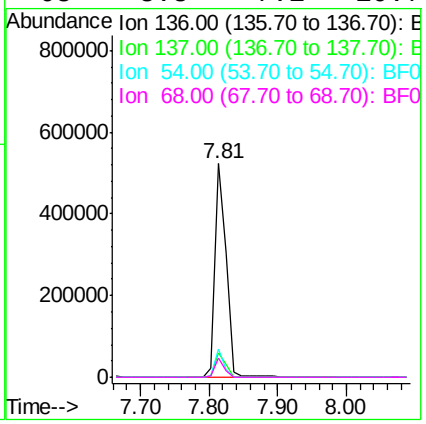


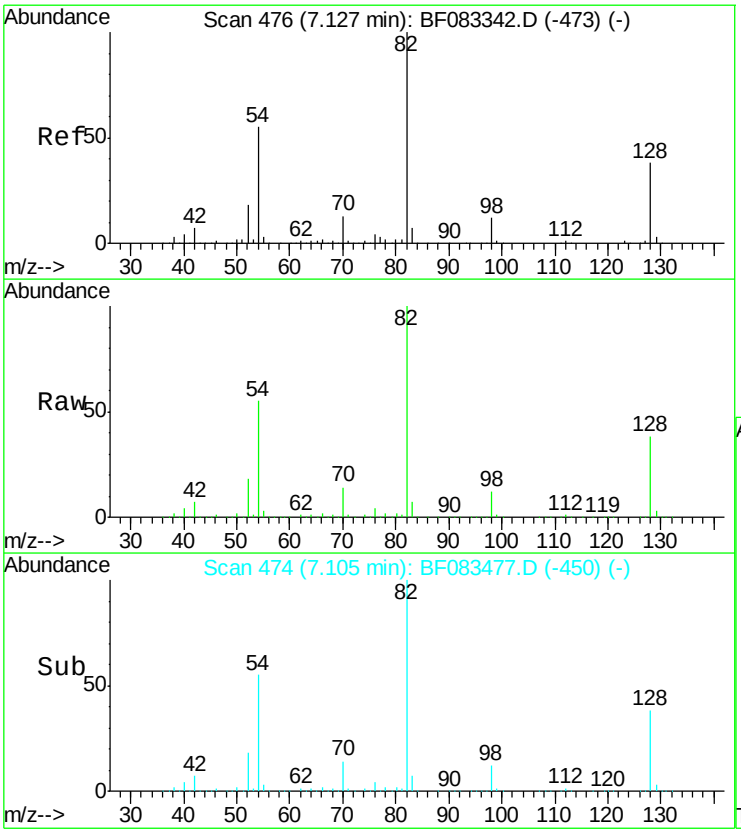
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:136 Resp: 604046

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	13.0	10.1	15.1
68	8.8	7.1	10.7

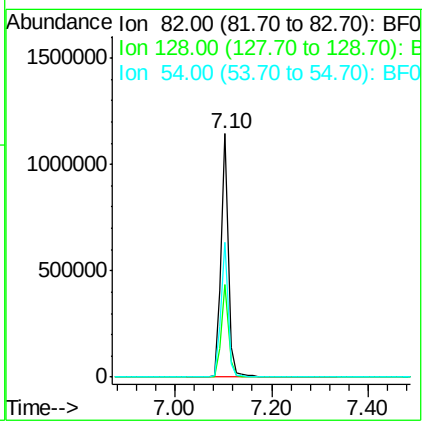


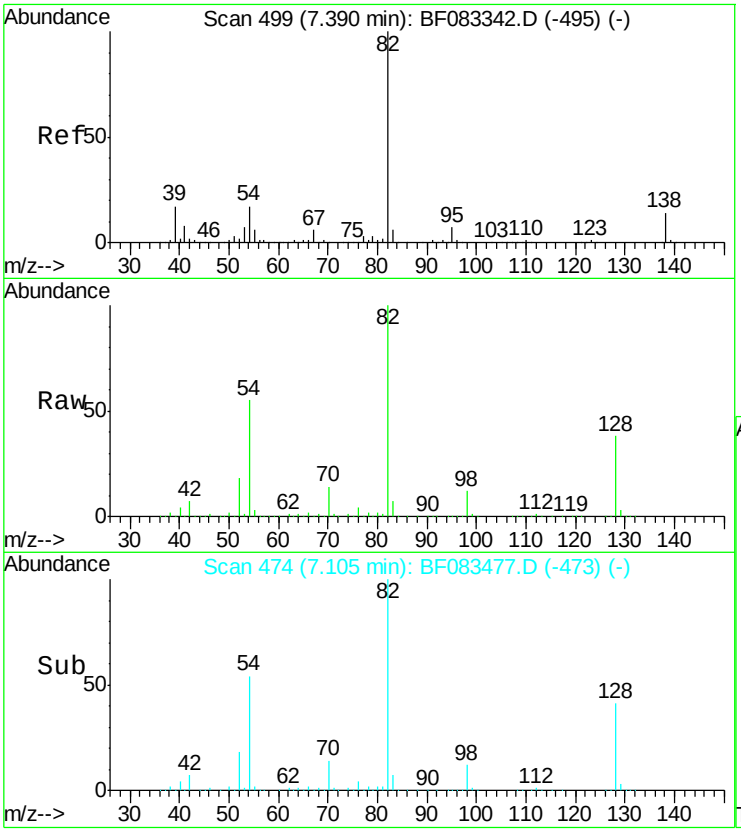


#23
Nitrobenzene-d5
Concen: 88.15 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Tgt Ion: 82 Resp: 1211278

Ion	Ratio	Lower	Upper
82	100		
128	38.1	30.6	46.0
54	55.4	43.8	65.6



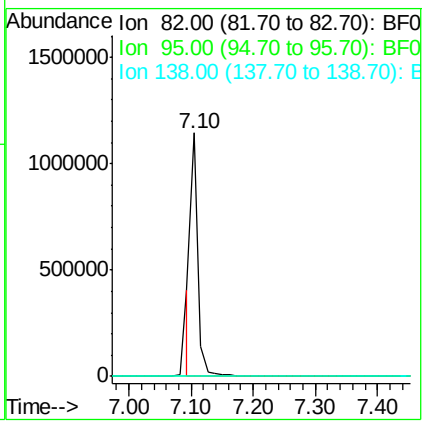


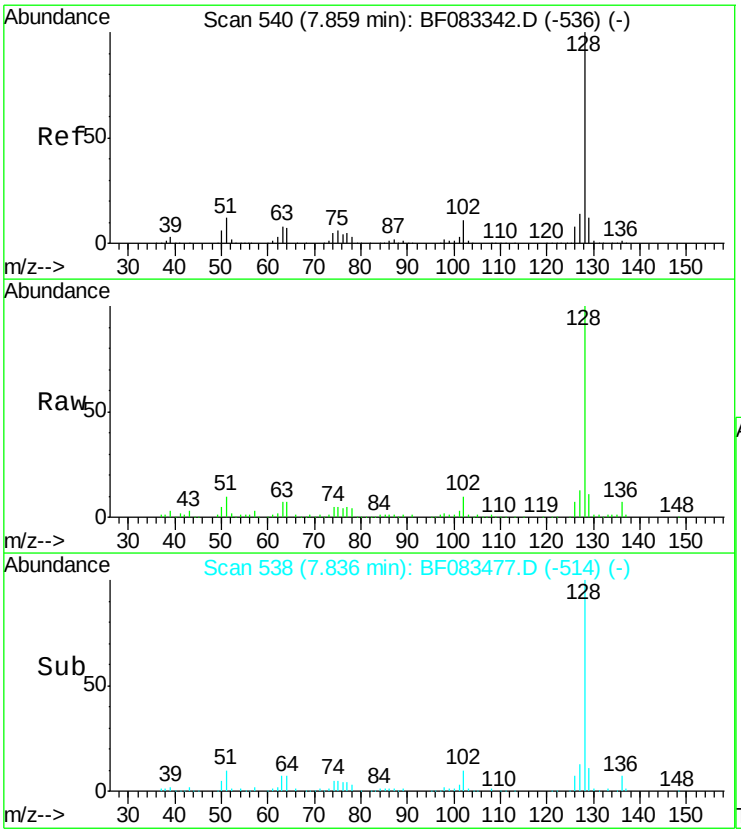
#25
Isophorone
Concen: 34.53 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.29 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion: 82 Resp: 919186

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	11.6	17.4#

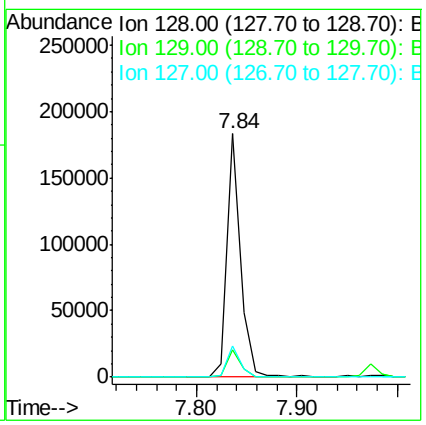


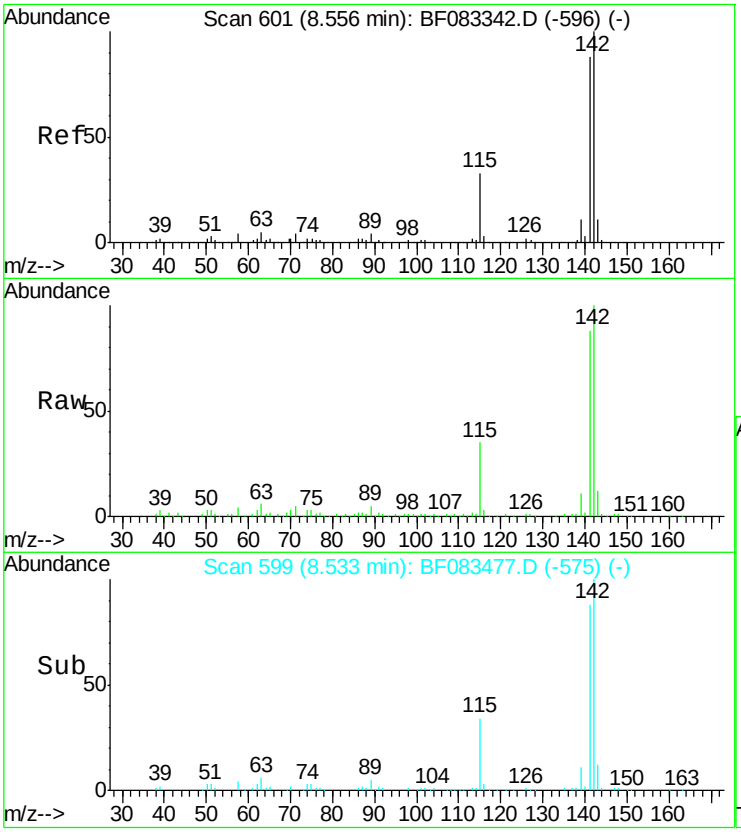


#31
Naphthalene
Concen: 5.29 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Tgt Ion:128 Resp: 173240

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.7	14.5
127	12.7	11.0	16.4



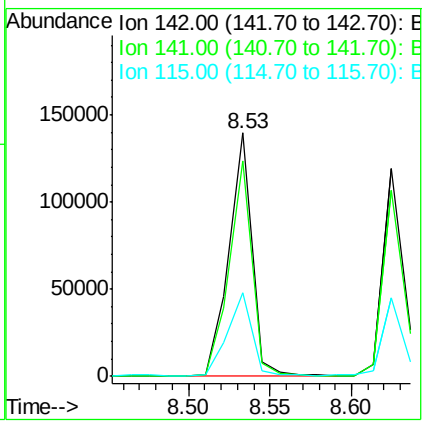


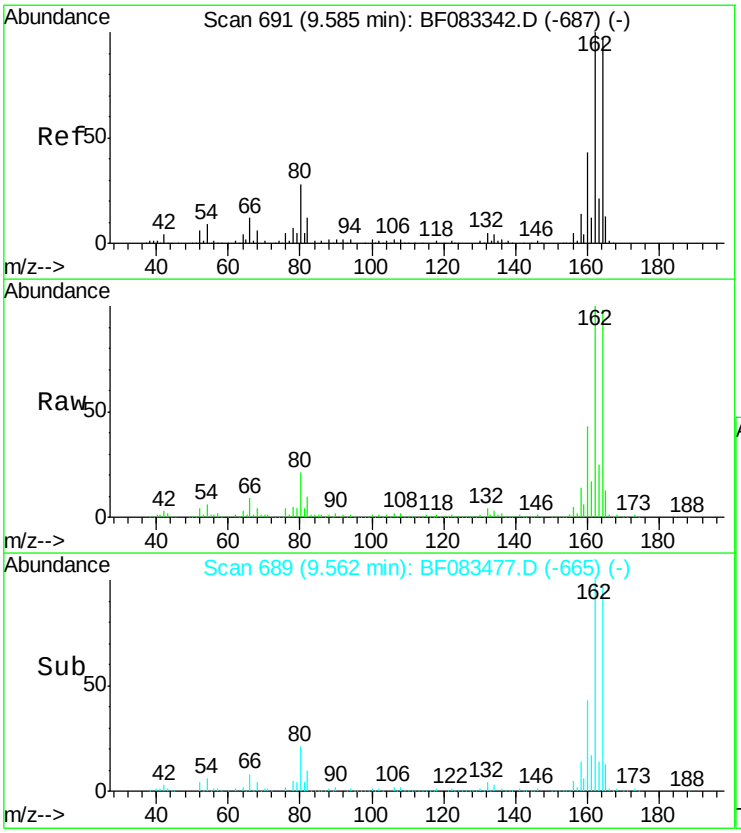
#37
2-Methylnaphthalene
Concen: 6.23 ng
RT: 8.53 min Scan# 599
Delta R.T. -0.02 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:142 Resp: 136459

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.6	105.8
115	34.5	26.2	39.2

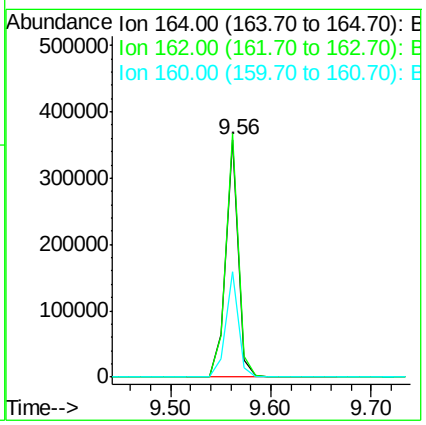


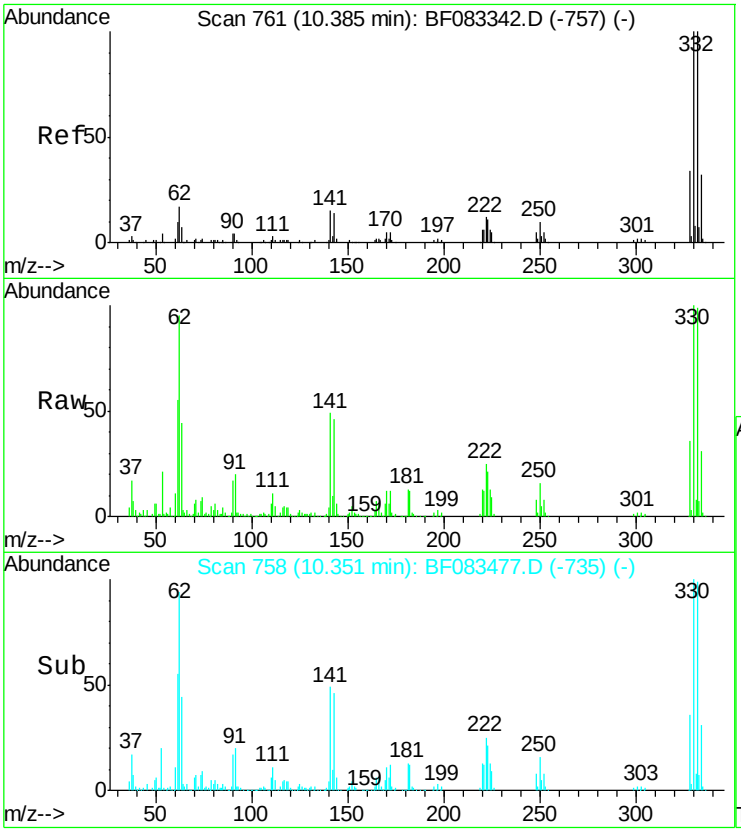


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Tgt Ion:164 Resp: 311675

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	44.4	35.3	52.9



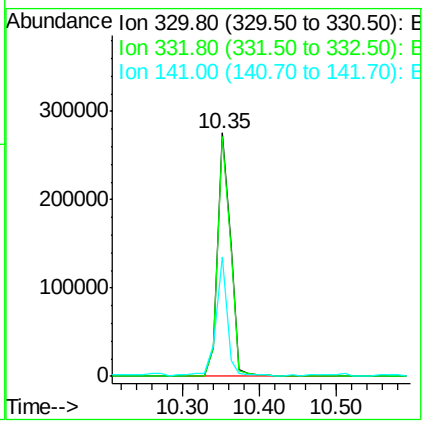


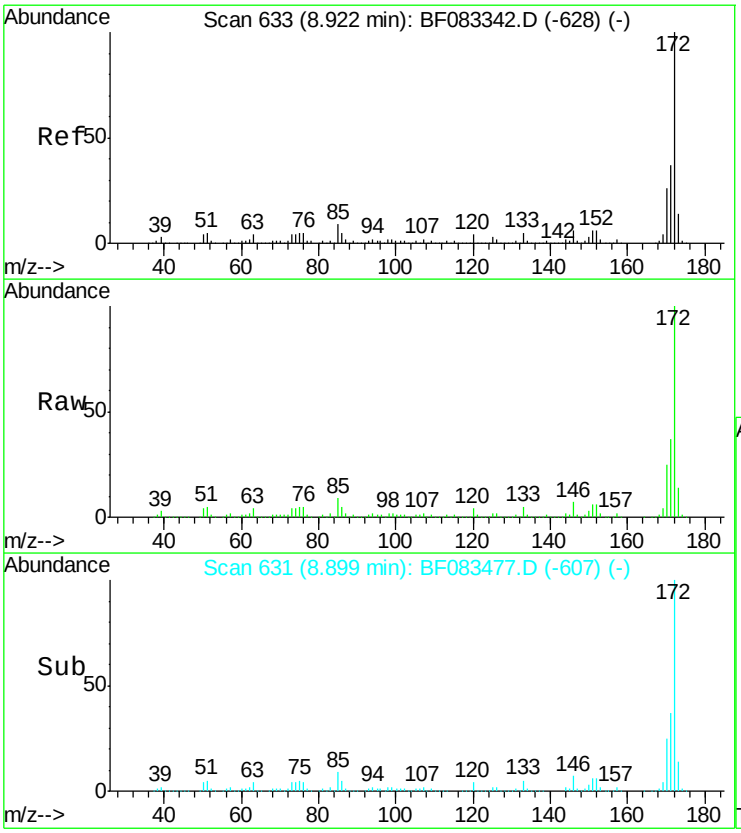
#41
2,4,6-Tribromophenol
Concen: 104.20 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:330 Resp: 326007

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.8	116.6
141	42.1	29.4	44.0

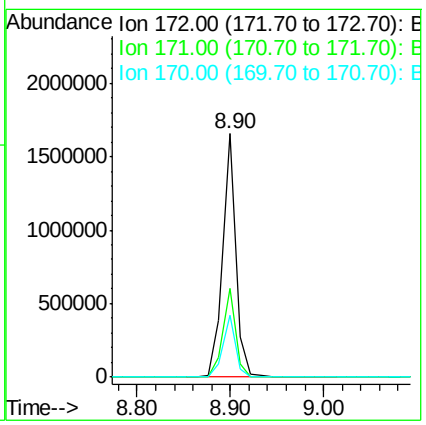


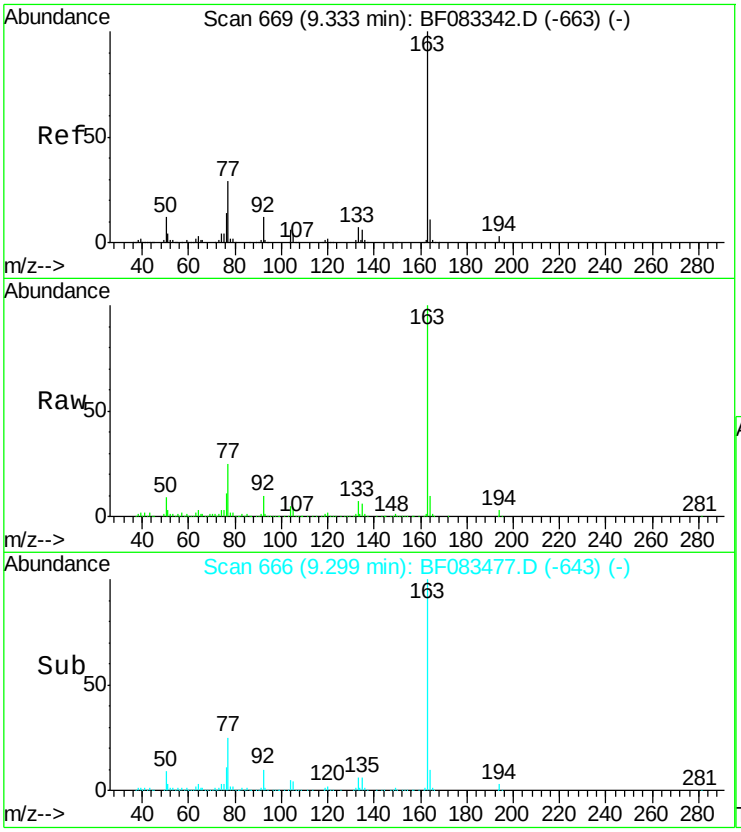


#44
2-Fluorobiphenyl
Concen: 74.10 ng
RT: 8.90 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Tgt Ion:172 Resp: 1620599

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	25.3	20.4	30.6



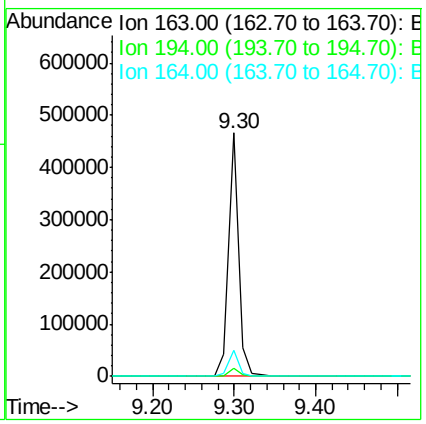


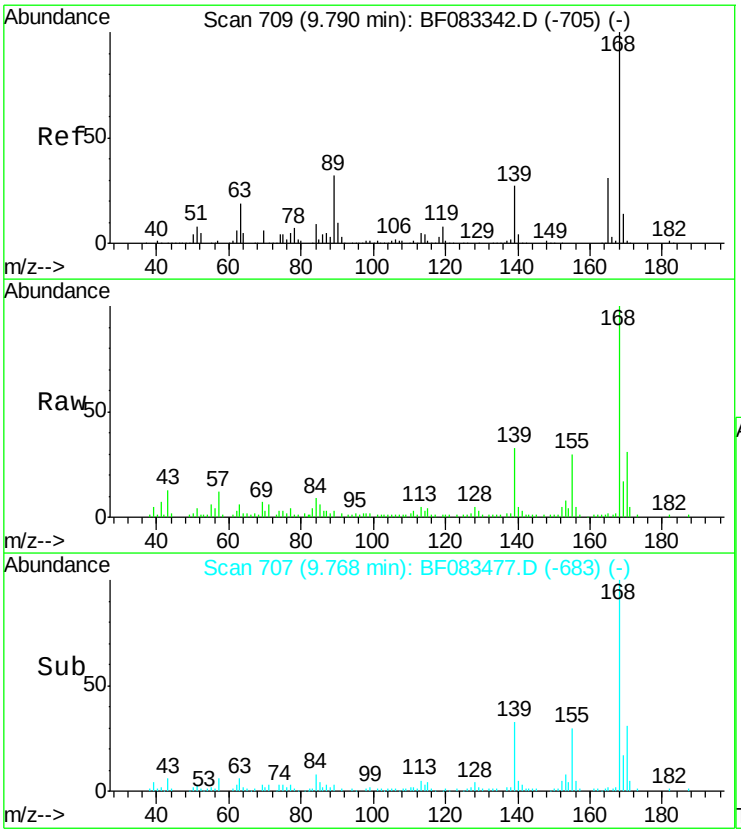
#49
Dimethylphthalate
Concen: 15.70 ng
RT: 9.30 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:163 Resp: 397562

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.5	8.8	13.2

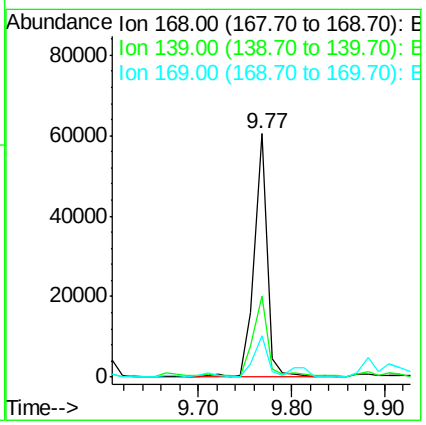


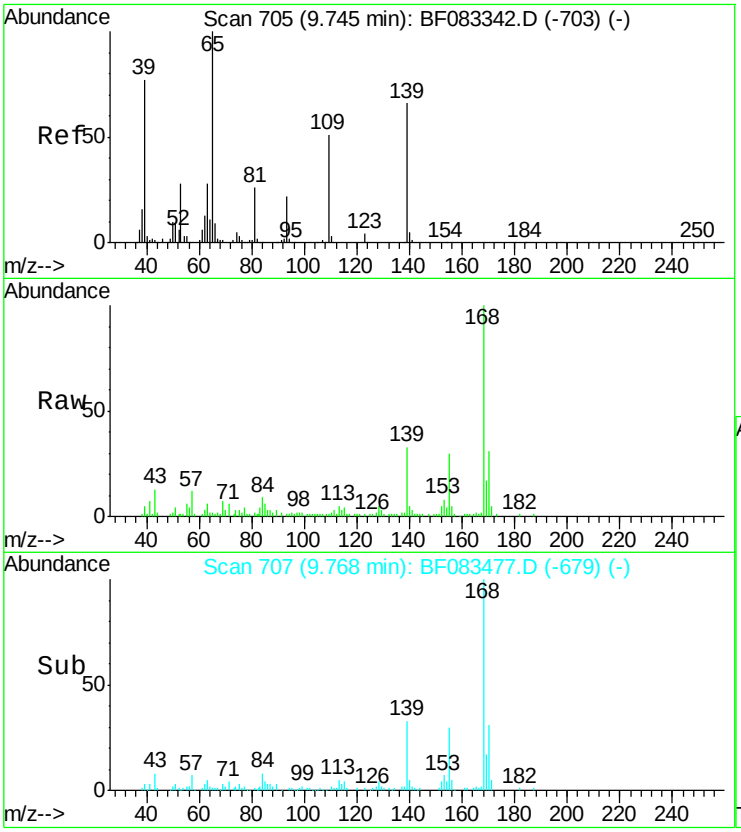


#54
Dibenzofuran
Concen: 2.05 ng
RT: 9.77 min Scan# 707
Delta R.T. -0.02 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Tgt Ion:168 Resp: 58792

Ion	Ratio	Lower	Upper
168	100		
139	33.3	32.7	49.1
169	17.2	11.1	16.7#



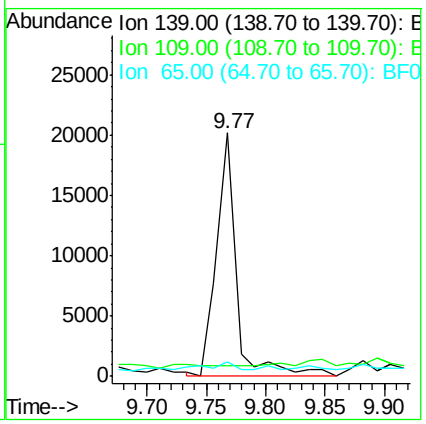


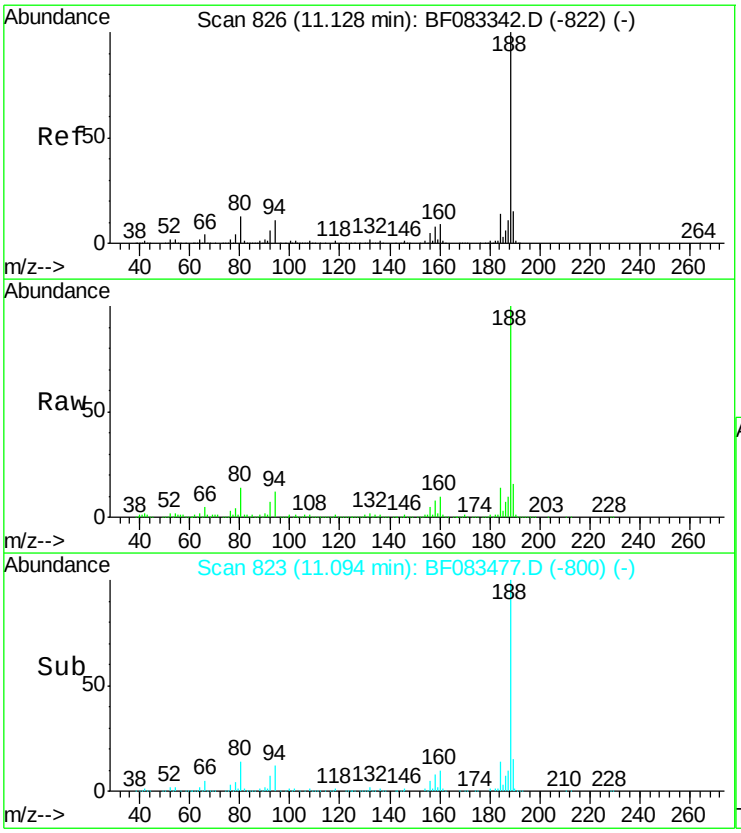
#55
4-Nitrophenol
Concen: 5.84 ng
RT: 9.77 min Scan# 707
Delta R.T. 0.02 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:139 Resp: 23166

Ion	Ratio	Lower	Upper
139	100		
109	4.3	57.4	97.4#
65	5.8	131.6	171.6#

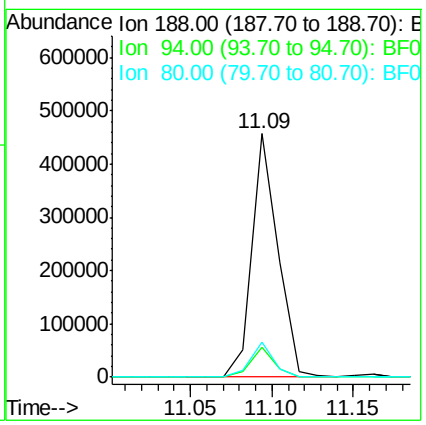


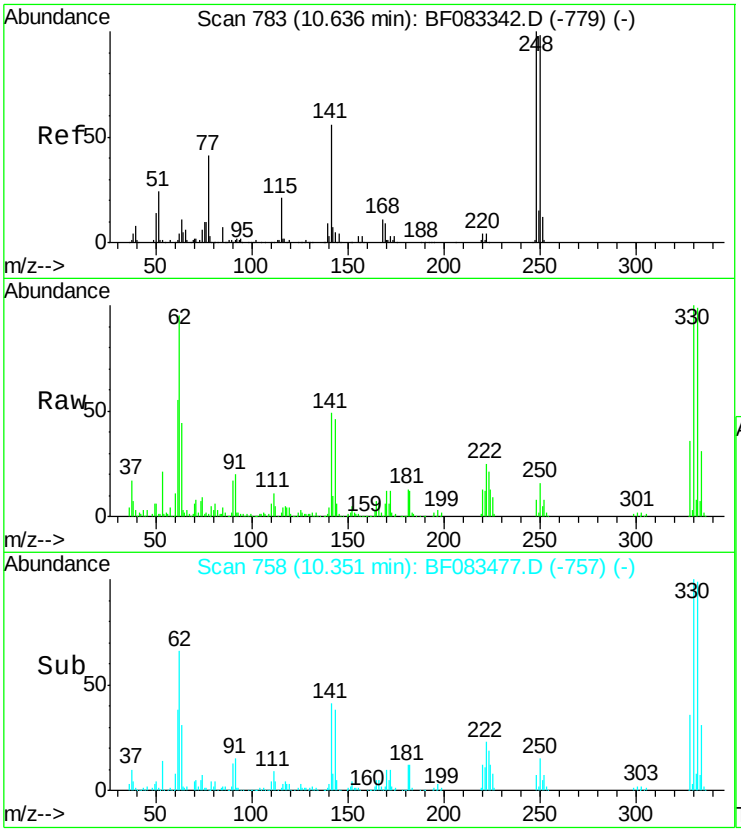


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Tgt Ion:188 Resp: 506994

Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.7	13.1
80	14.2	10.3	15.5



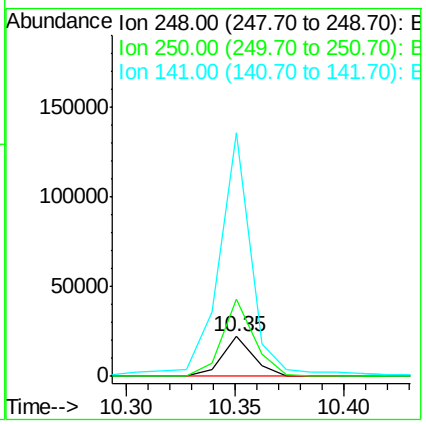


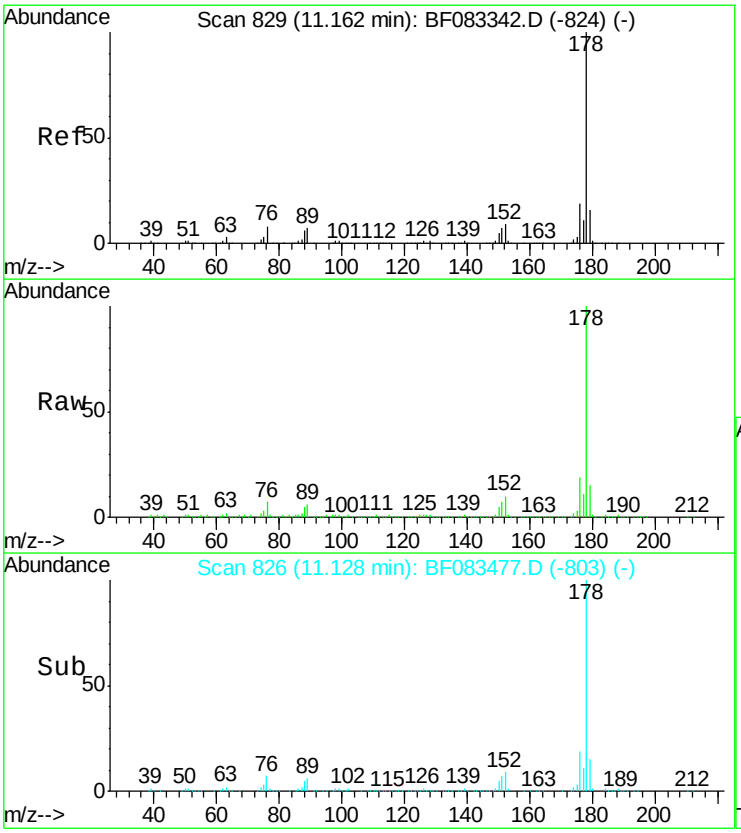
#66
4-Bromophenyl-phenylether
Concen: 4.04 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.29 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:248 Resp: 22430

Ion	Ratio	Lower	Upper
248	100		
250	195.8	78.6	118.0#
141	614.6	44.4	66.6#

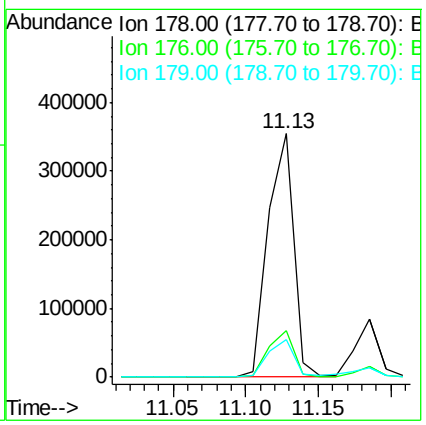


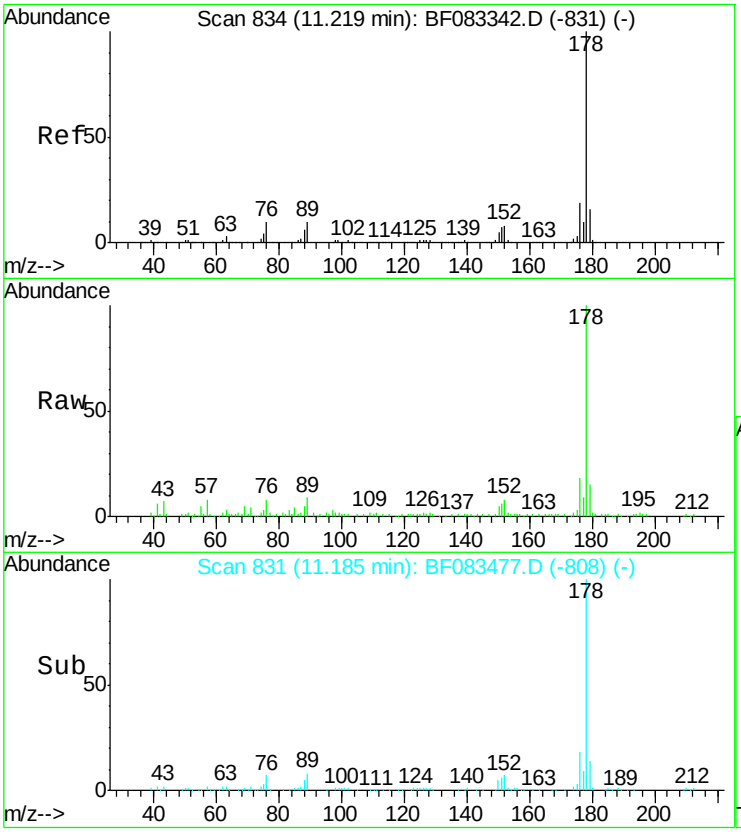


#70
Phenanthrene
Concen: 14.56 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.03 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Tgt Ion:178 Resp: 436932

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.2	12.4	18.6



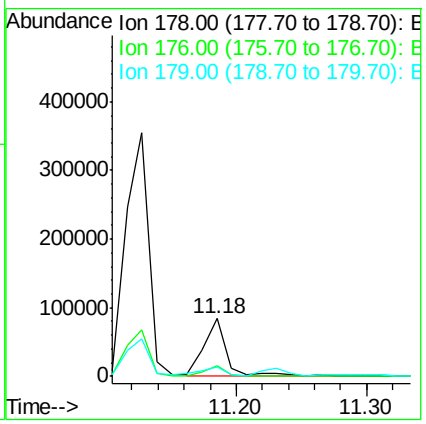


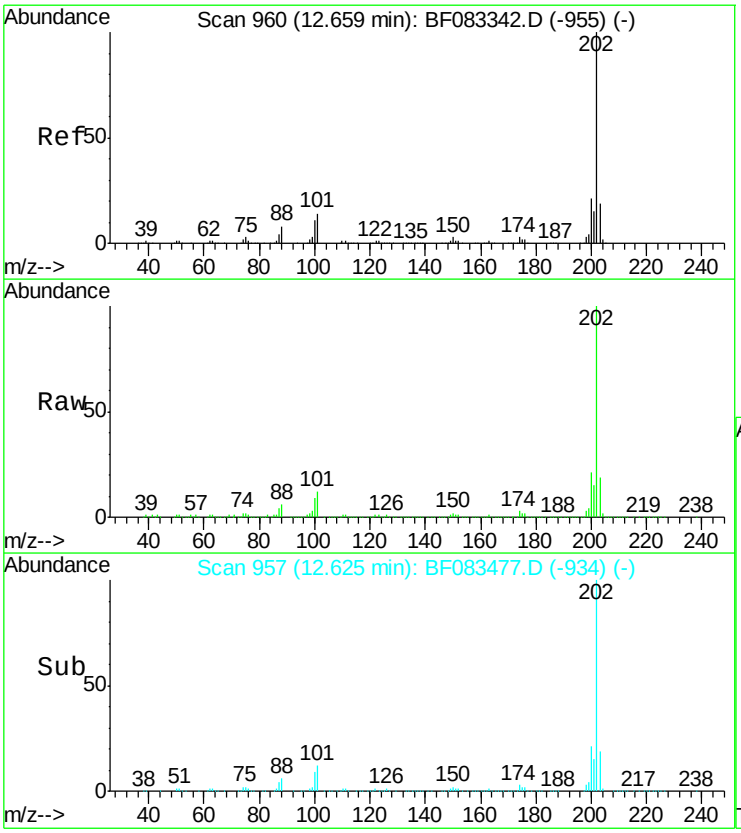
#71
Anthracene
Concen: 3.23 ng
RT: 11.18 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:178 Resp: 97698

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.6	23.4
179	15.3	12.8	19.2

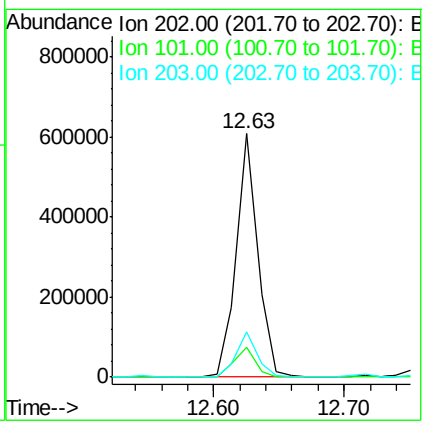


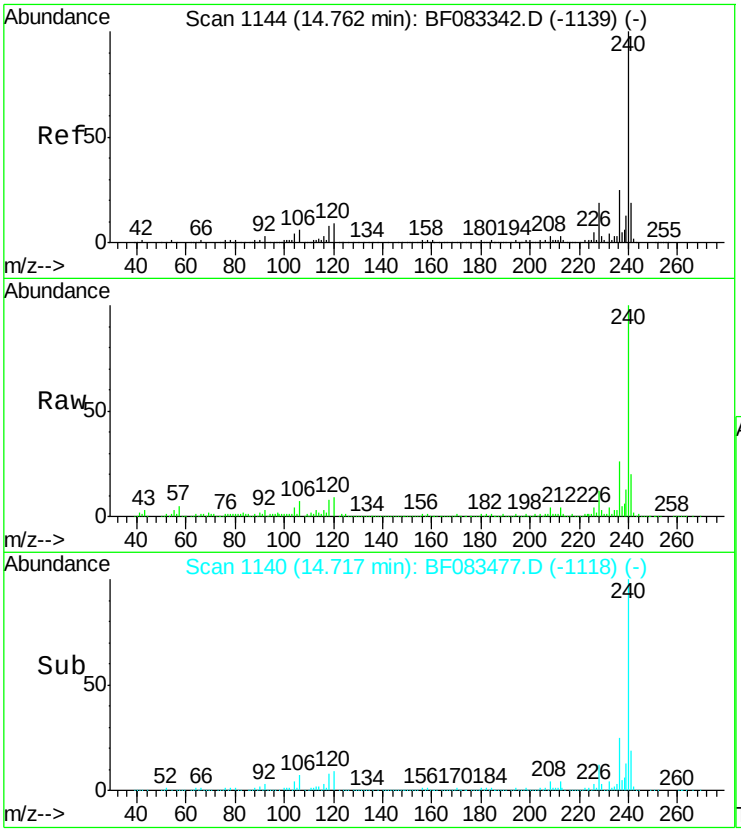


#74
Fluoranthene
Concen: 22.35 ng
RT: 12.63 min Scan# 957
Delta R.T. -0.03 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Tgt Ion:202 Resp: 695024

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.5
203	18.8	0.0	38.7



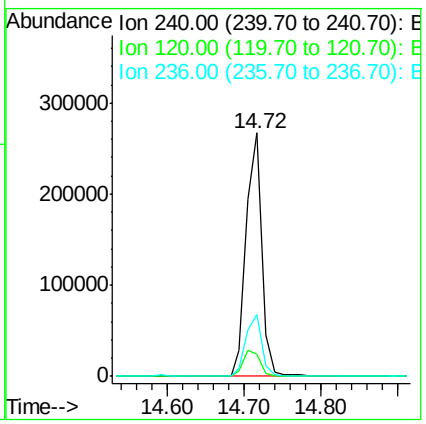


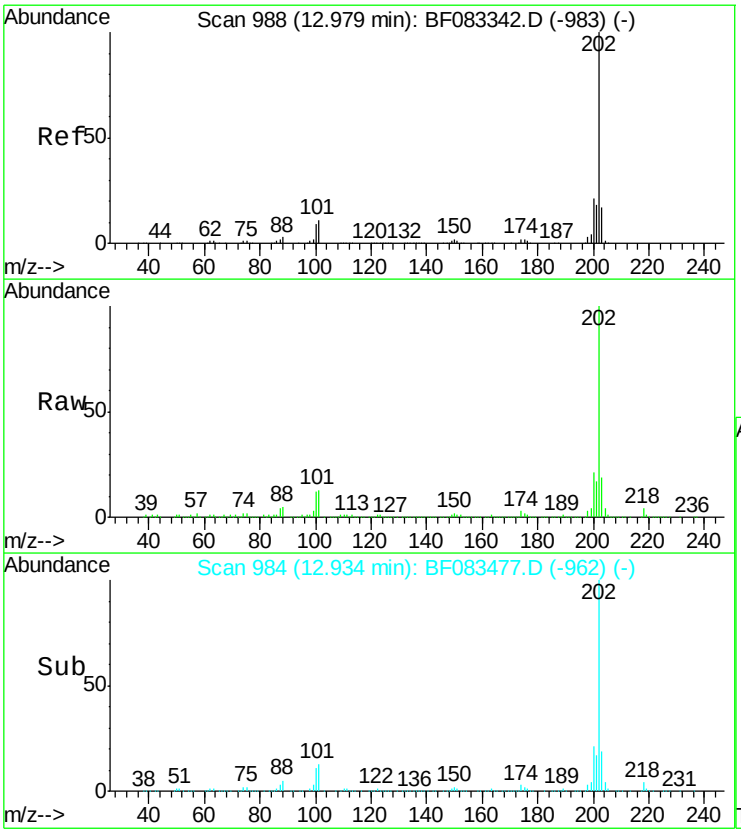
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.72 min Scan# 1140
Delta R.T. -0.05 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:240 Resp: 377343

Ion	Ratio	Lower	Upper
240	100		
120	9.2	6.9	10.3
236	25.6	19.8	29.6

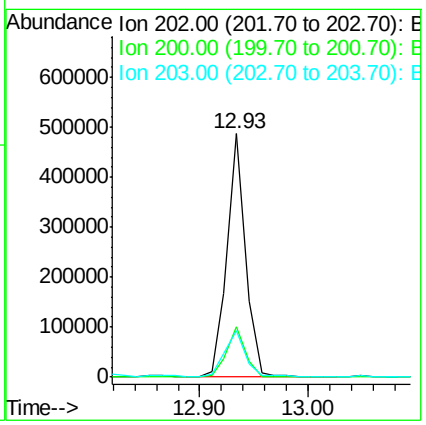


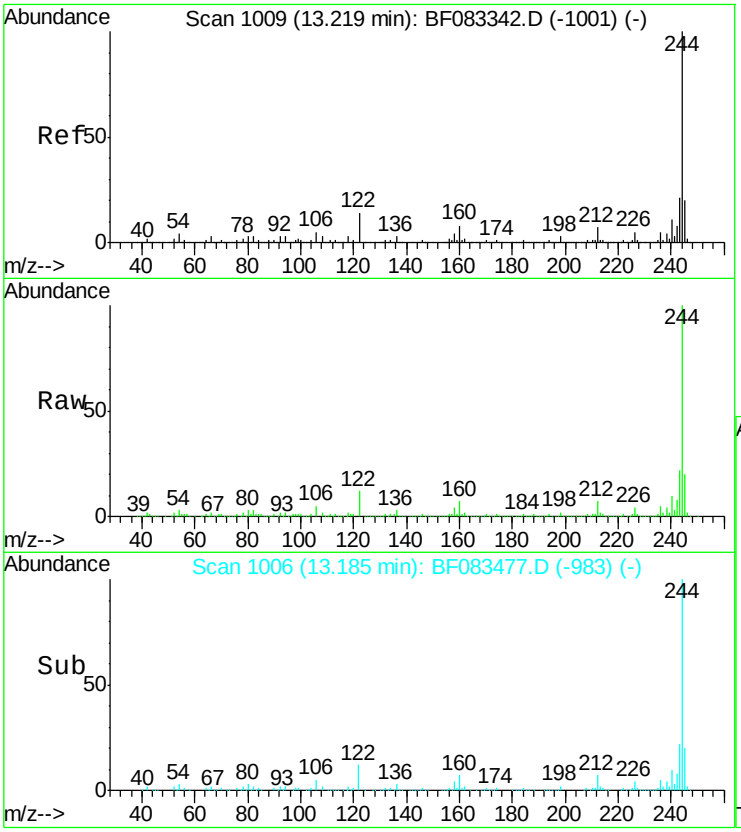


#77
Pyrene
Concen: 21.60 ng
RT: 12.93 min Scan# 984
Delta R.T. -0.05 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Tgt Ion:202 Resp: 569210

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	19.1	13.9	20.9



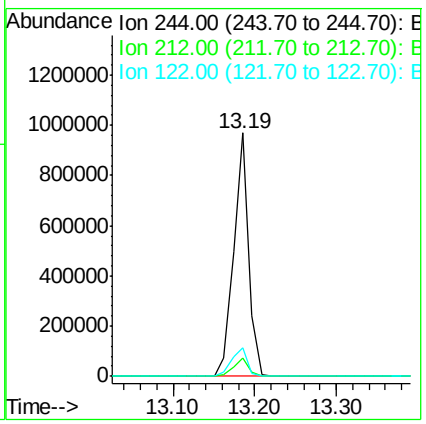


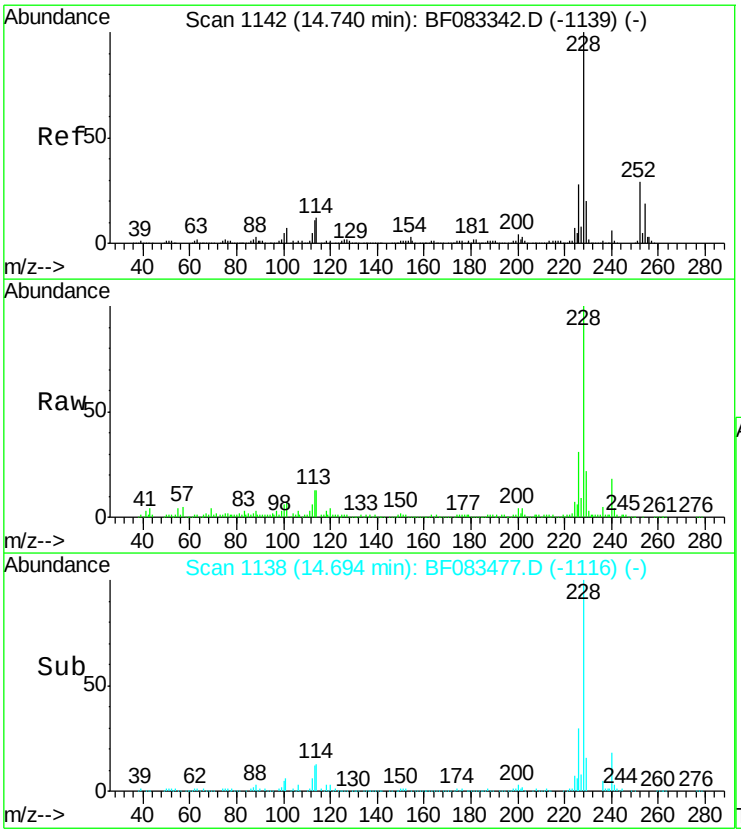
#78
Terphenyl-d14
Concen: 78.17 ng
RT: 13.19 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:244 Resp: 1236790

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.9	11.0	16.4

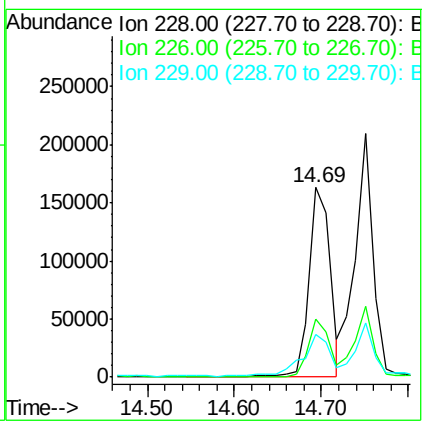


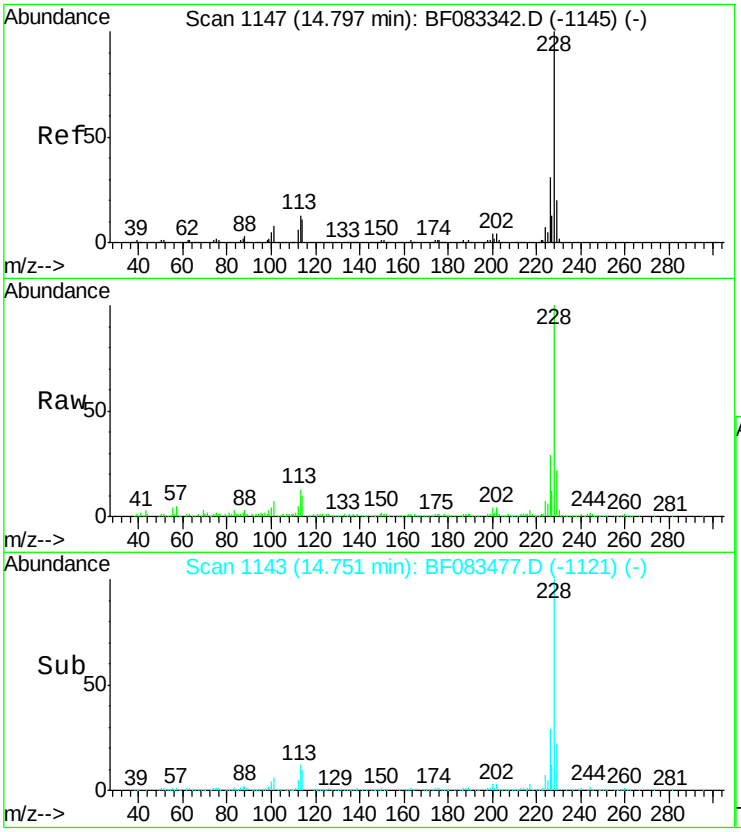


#80
Benzo(a)anthracene
Concen: 11.59 ng
RT: 14.69 min Scan# 1138
Delta R.T. -0.05 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Tgt Ion:228 Resp: 267909

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.2	33.4
229	22.4	16.1	24.1



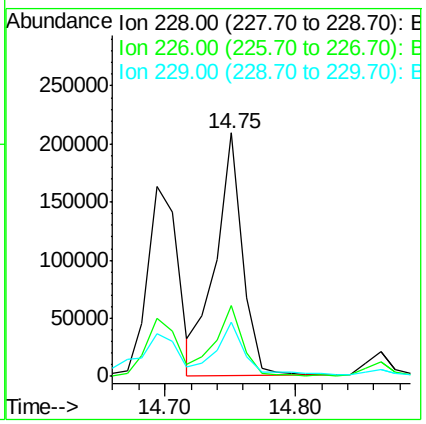


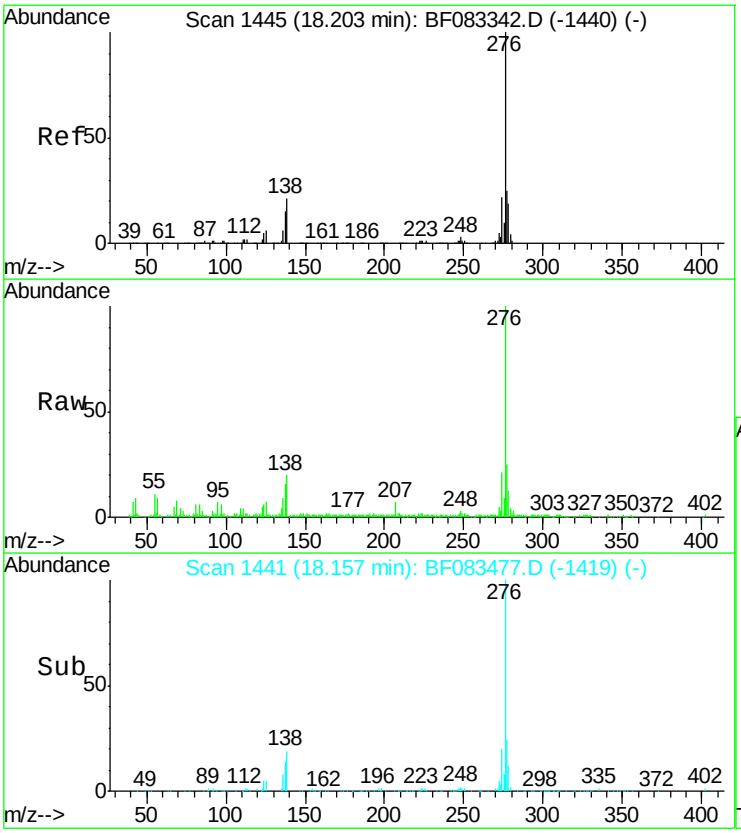
#82
Chrysene
Concen: 13.49 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.05 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:228 Resp: 301389

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.6	37.0
229	22.3	16.2	24.2

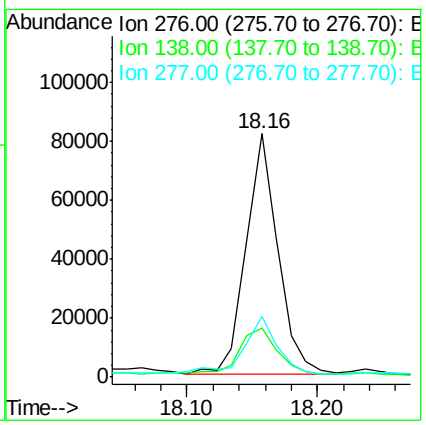


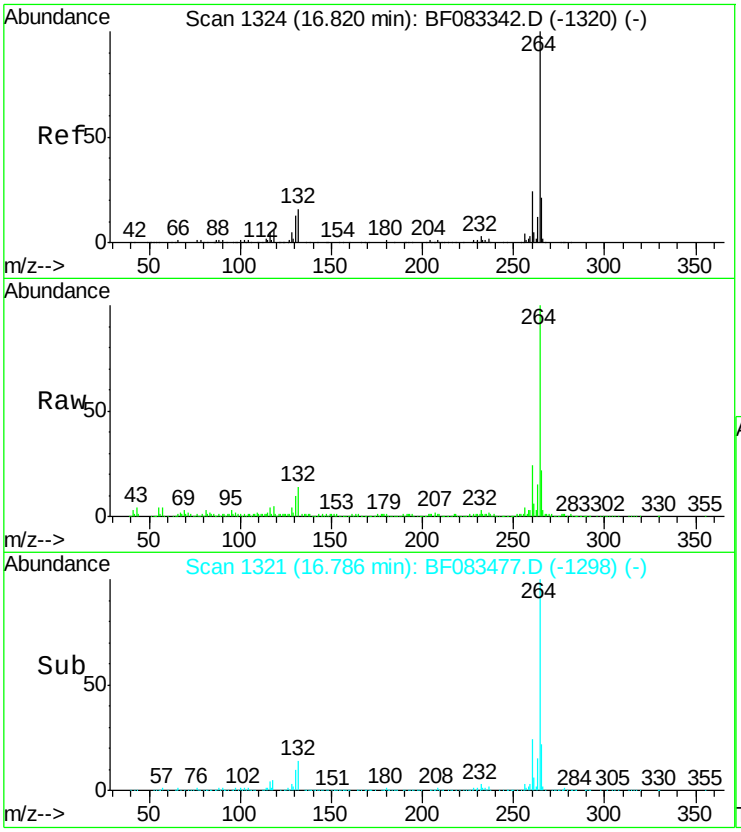


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.56 ng
RT: 18.16 min Scan# 1441
Delta R.T. -0.05 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Tgt Ion:276 Resp: 139271

Ion	Ratio	Lower	Upper
276	100		
138	23.8	21.2	31.8
277	25.8	20.0	30.0



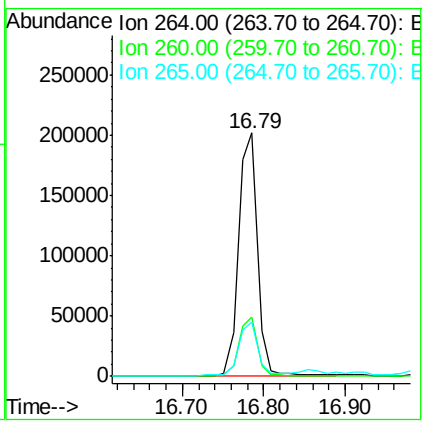


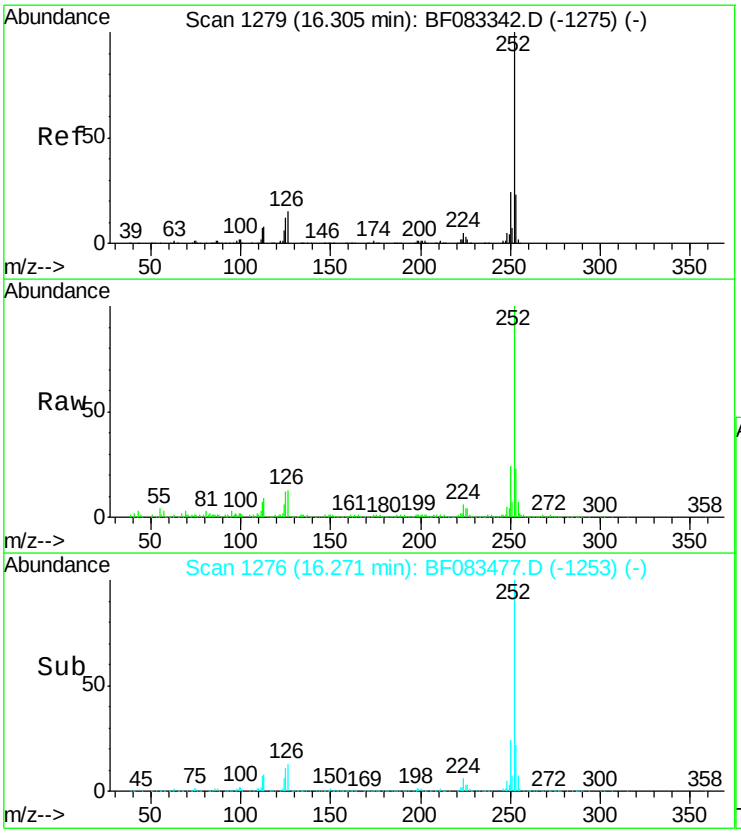
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.79 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:264 Resp: 326771

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	22.1	16.8	25.2

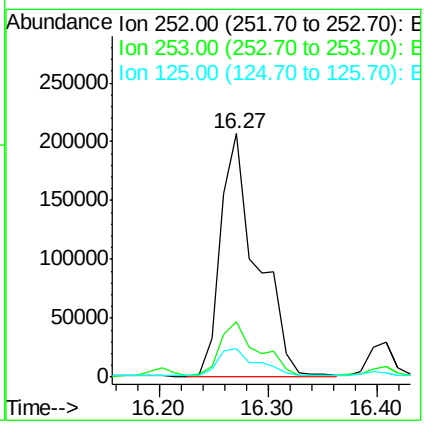


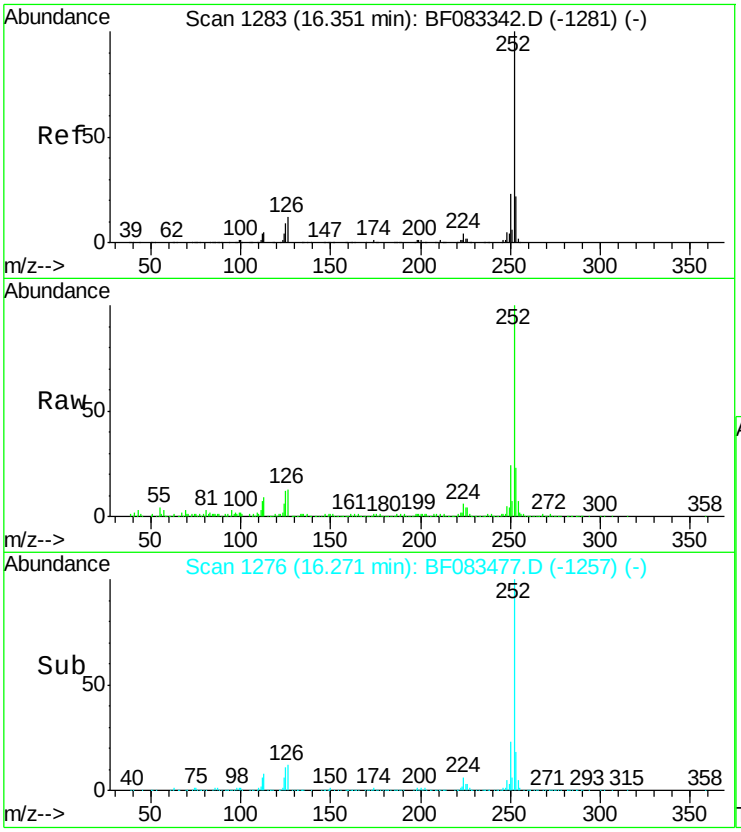


#87
Benzo(b)fluoranthene
Concen: 22.85 ng
RT: 16.27 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Tgt Ion:252 Resp: 479181

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	12.0	9.6	14.4



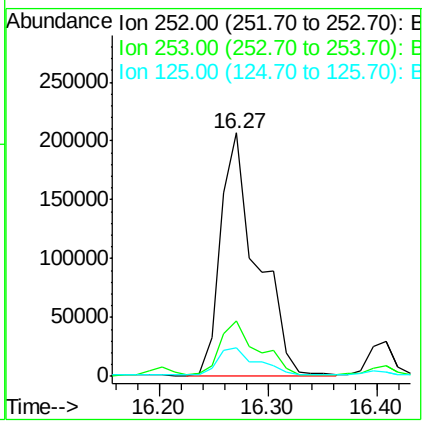


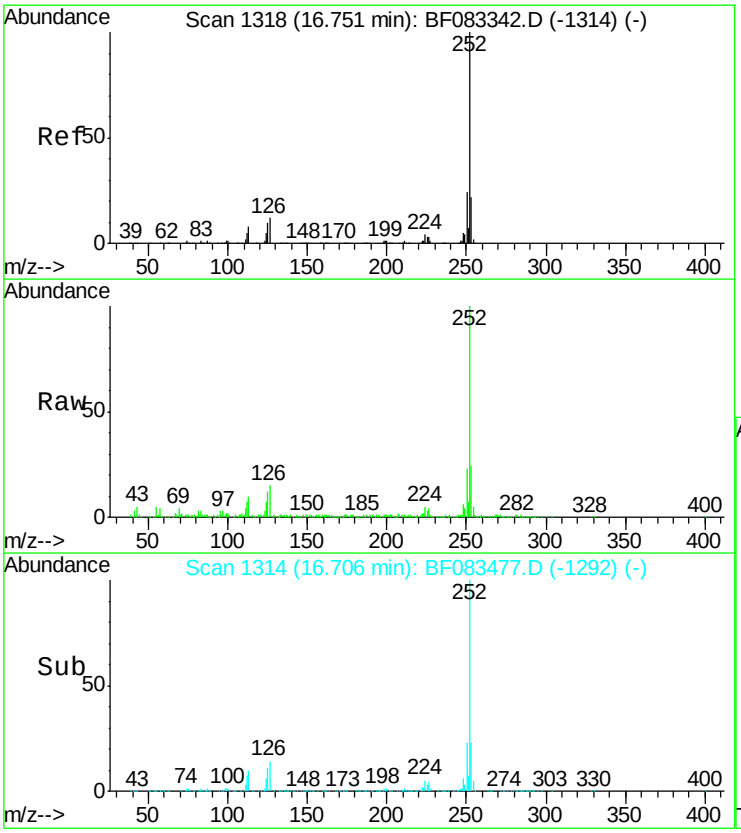
#88
Benzo(k)fluoranthene
Concen: 24.20 ng
RT: 16.27 min Scan# 1276
Delta R.T. -0.08 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:252 Resp: 479181

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	12.0	7.5	11.3#

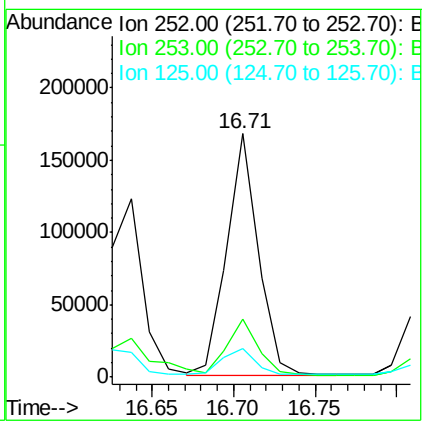


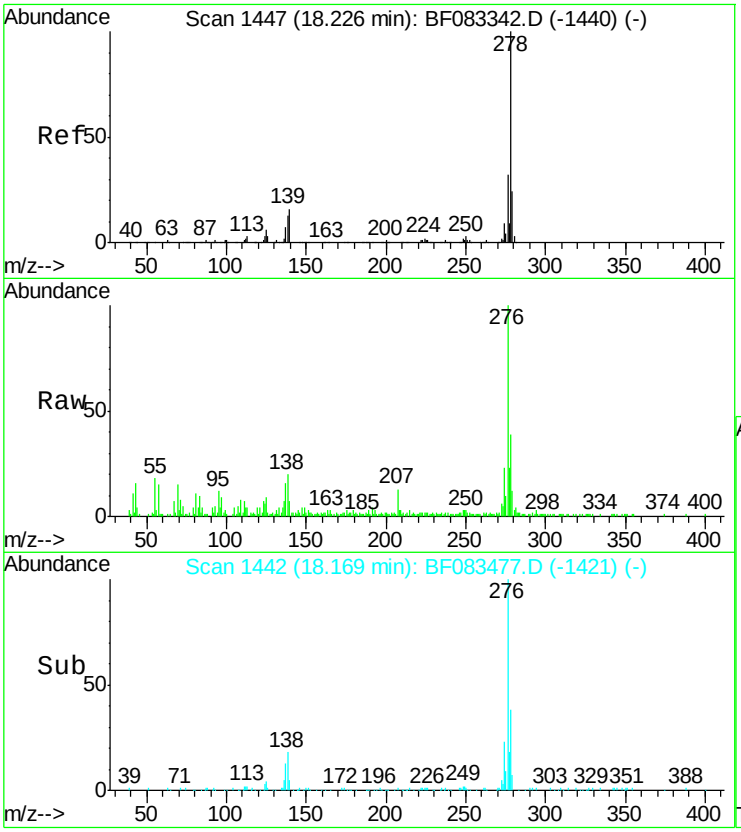


#89
Benzo(a)pyrene
Concen: 12.53 ng
RT: 16.71 min Scan# 1314
Delta R.T. -0.05 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Tgt Ion:252 Resp: 225634

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	12.0	7.8	11.8#



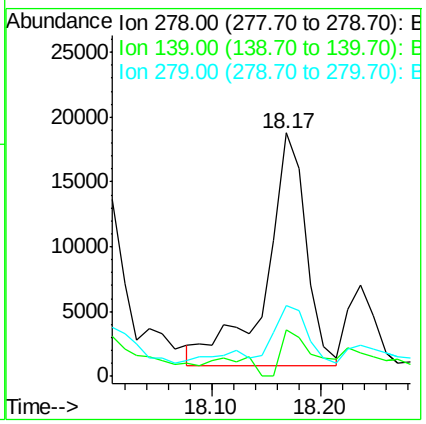


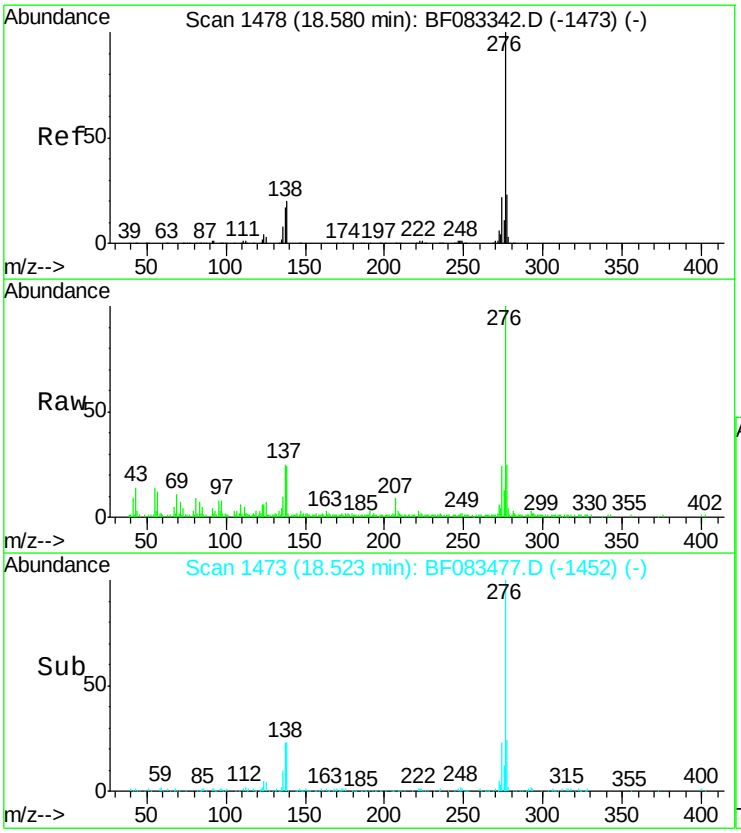
#90
Dibenzo(a,h)anthracene
Concen: 2.91 ng
RT: 18.17 min Scan# 1442
Delta R.T. -0.06 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:278 Resp: 45674

Ion	Ratio	Lower	Upper
278	100		
139	19.0	13.1	19.7
279	29.2	19.2	28.8#





#91
Benzo(g,h,i)perylene
Concen: 7.94 ng
RT: 18.52 min Scan# 1473
Delta R.T. -0.06 min
Lab File: BF083477.D
Acq: 3 Dec 2015 23:53

Tgt Ion:276 Resp: 122294

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	24.2	16.1	24.1#