Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
Data File : BF083660.D
Acq On : 10 Dec 2015 2:16
Operator : UM/IZ
Sample : G4584-01DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-P3WC-10(0-6)DL

Quant Time: Dec 10 04:37:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.68	152	169335	20.00	ng		-0.02
21) Naphthalene-d8	7.58	136	655538	20.00	ng		-0.02
38) Acenaphthene-d10	10.36	164	300033	20.00	ng		-0.02
63) Phenanthrene-d10	12.76	188	485390	20.00	ng		-0.02
75) Chrysene-d12	16.98	240	387987	20.00	ng		-0.01
86) Perylene-d12	18.63	264	340236	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.97	112	239272	21.43	ng		0.00
7) Phenol-d6	5.26	99	353611	23.70	ng		-0.01
23) Nitrobenzene-d5	6.52	82	227651	16.20	ng		-0.01
41) 2,4,6-Tribromophenol	11.66	330	41738	15.61	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	383560	17.99	ng		-0.02
78) Terphenyl-d14	15.39	244	272366	16.52	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	7.61	128	1400111	40.33	ng		98
32) Benzoic acid	7.61	122	3033	3.45	ng	#	1
33) 4-Chloroaniline	7.61	127	181163	14.31	ng	#	26
37) 2-Methylnaphthalene	8.72	142	387067	17.75	ng		98
45) 1,1'-Biphenyl	9.47	154	188211	7.22	ng		98
48) Acenaphthylene	10.13	152	1037341	31.95	ng		99
51) Acenaphthene	10.42	154	171357	9.22	ng		99
54) Dibenzofuran	10.72	168	66968	2.60	ng		99
57) Fluorene	11.25	166	506563	22.52	ng		98
64) 4,6-Dinitro-2-methylphenol	11.65	198	234	2.01	ng	#	1
70) Phenanthrene	12.81	178	3054687	109.53	ng		97
71) Anthracene	12.89	178	828079	28.66	ng		99
74) Fluoranthene	14.74	202	2051688	71.91	ng		98
77) Pyrene	15.09	202	2798018	100.17	ng		97
80) Benzo(a)anthracene	17.01	228	901897	39.72	ng		95
82) Chrysene	17.01	228	901897	39.62	ng		99
85) Indeno(1,2,3-cd)pyrene	19.86	276	490427	31.92	ng	#	100
87) Benzo(b)fluoranthene	18.25	252	1234178	63.70	ng		98
88) Benzo(k)fluoranthene	18.25	252	1234178	57.81	ng		98
89) Benzo(a)pyrene	18.57	252	1029261	54.44	ng		97
90) Dibenzo(a,h)anthracene	19.71	278	61026	4.22	ng		95
91) Benzo(g,h,i)perylene	20.21	276	589648	41.84	ng		96

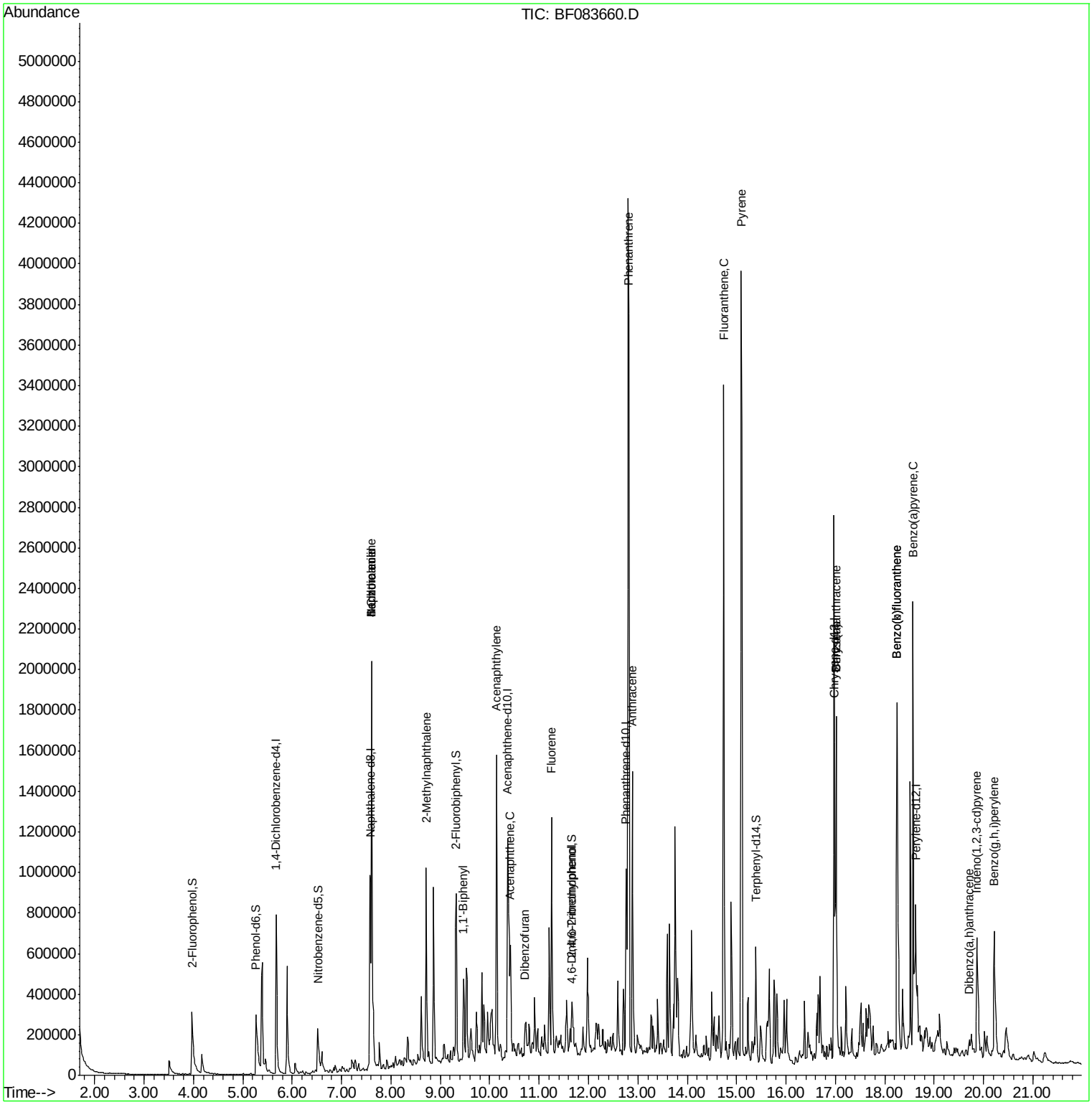
(#) = qualifier out of range (m) = manual integration (+) = signals summed

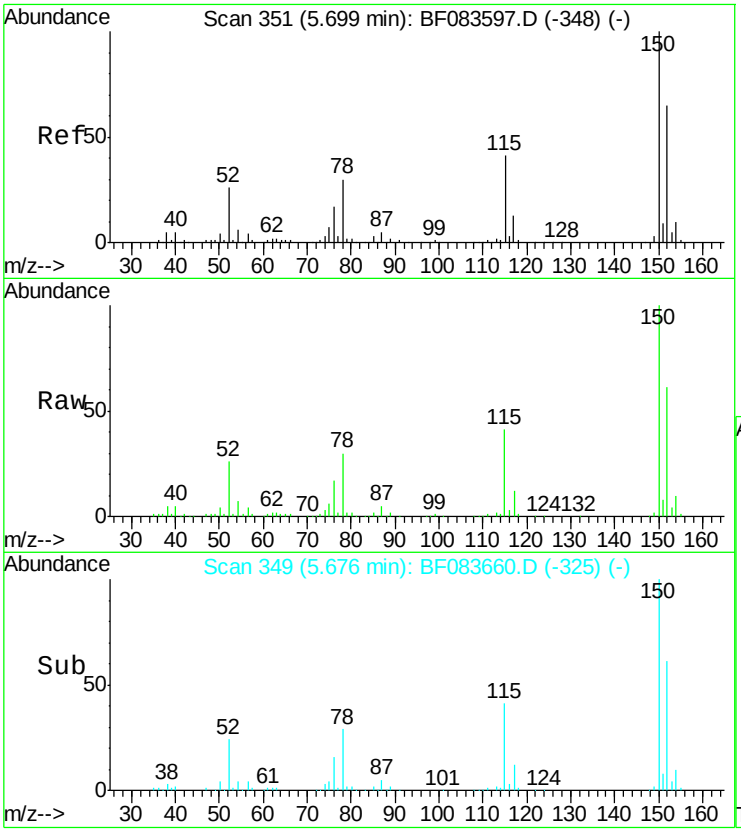
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
Data File : BF083660.D
Acq On : 10 Dec 2015 2:16
Operator : UM/IZ
Sample : G4584-01DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-10(0-6)DL

Quant Time: Dec 10 04:37:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration



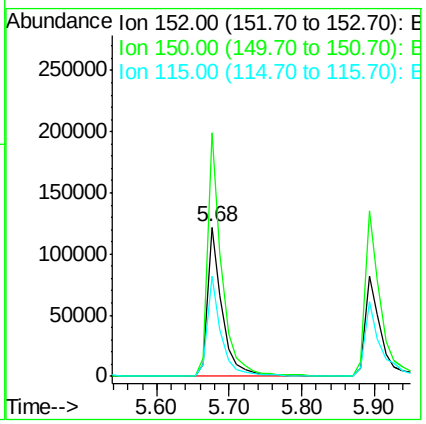


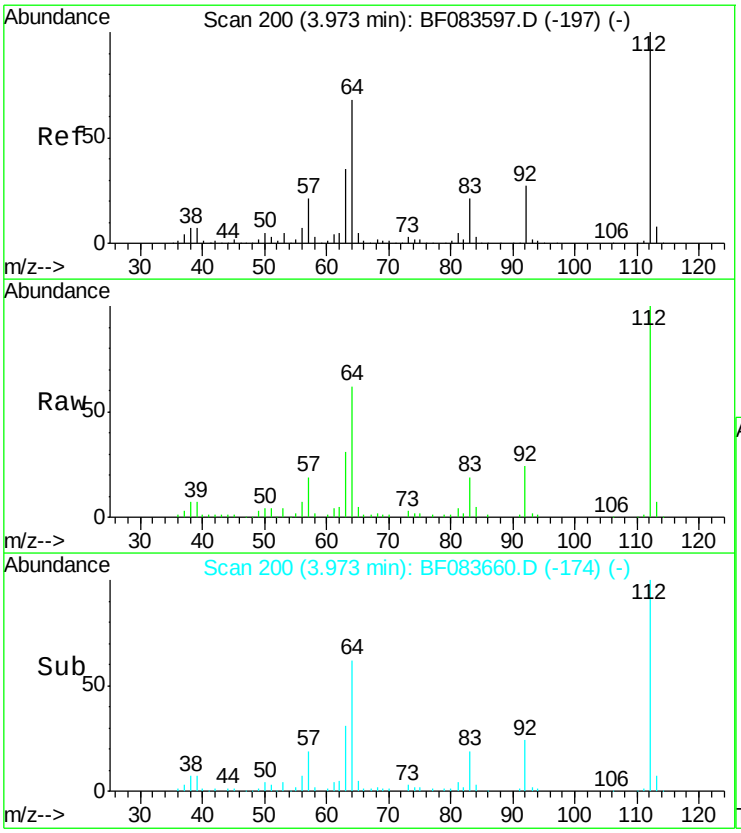
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.68 min Scan# 349
Delta R.T. -0.02 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-10(0-6)DL

Tgt Ion:152 Resp: 169335

Ion	Ratio	Lower	Upper
152	100		
150	162.9	126.5	189.7
115	67.0	52.3	78.5

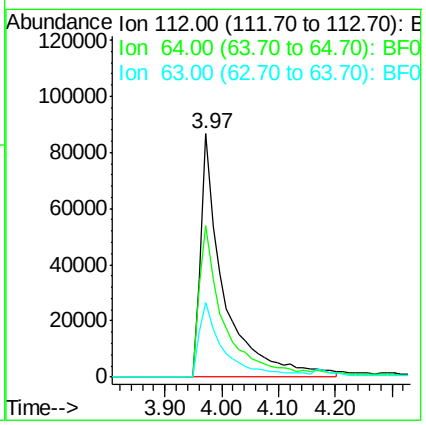


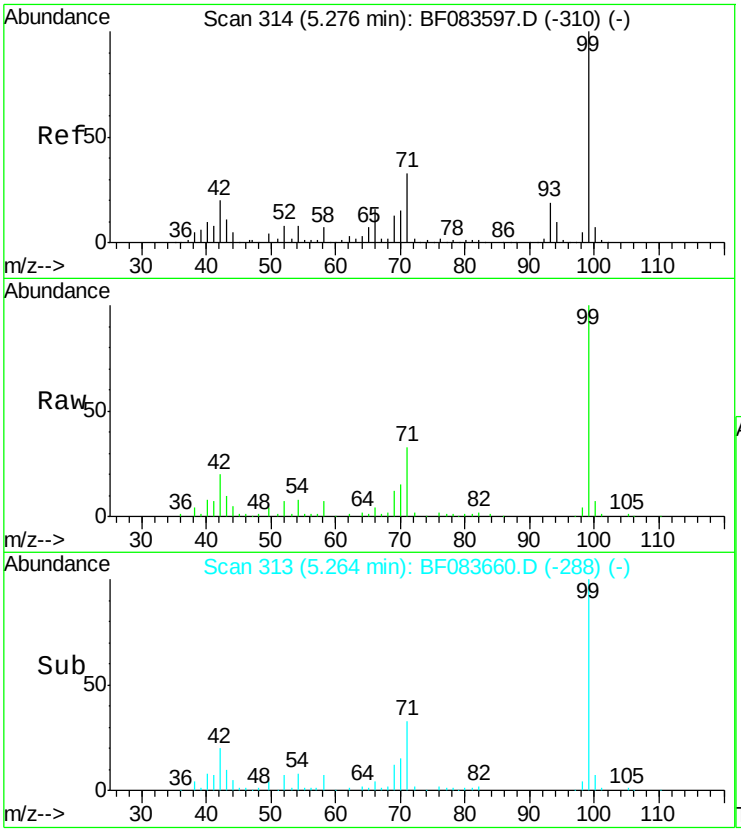


#5
2-Fluorophenol
Concen: 21.43 ng
RT: 3.97 min Scan# 200
Delta R.T. 0.00 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Tgt Ion:112 Resp: 239272

Ion	Ratio	Lower	Upper
112	100		
64	62.2	50.5	75.7
63	30.5	25.8	38.6



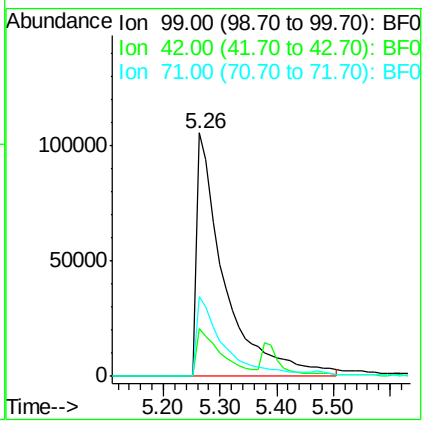


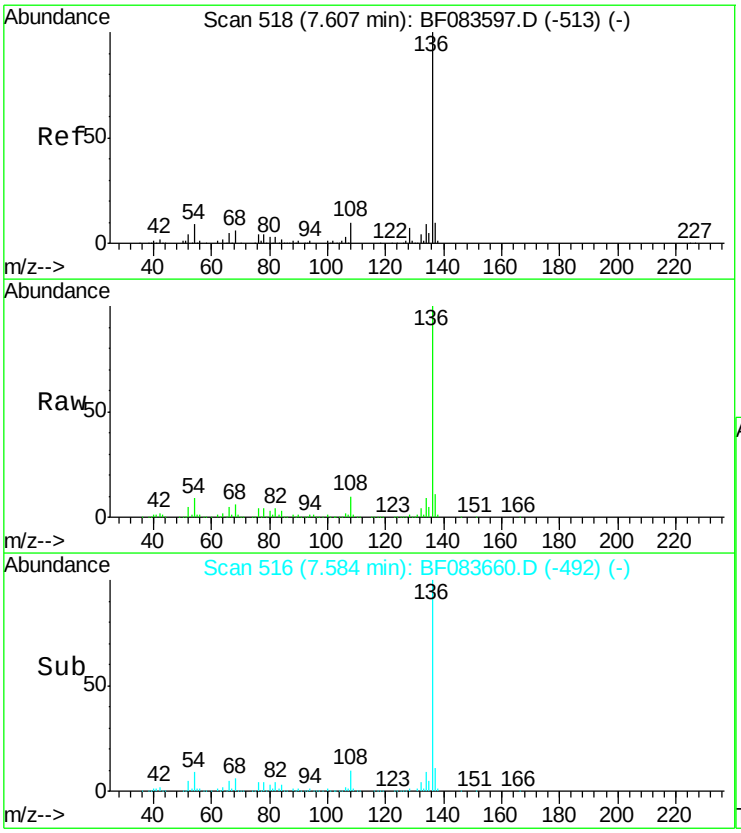
#7
Phenol-d6
Concen: 23.70 ng
RT: 5.26 min Scan# 313
Delta R.T. -0.01 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-10(0-6)DL

Tgt Ion: 99 Resp: 353611

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.3	25.9
71	32.5	26.6	40.0

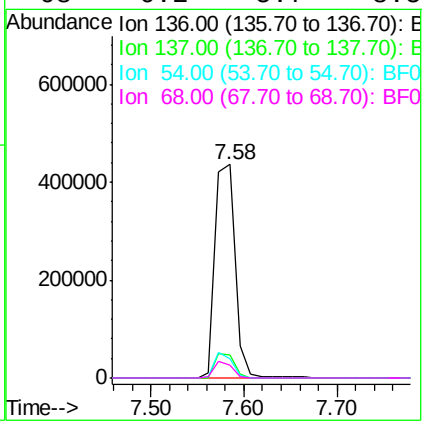


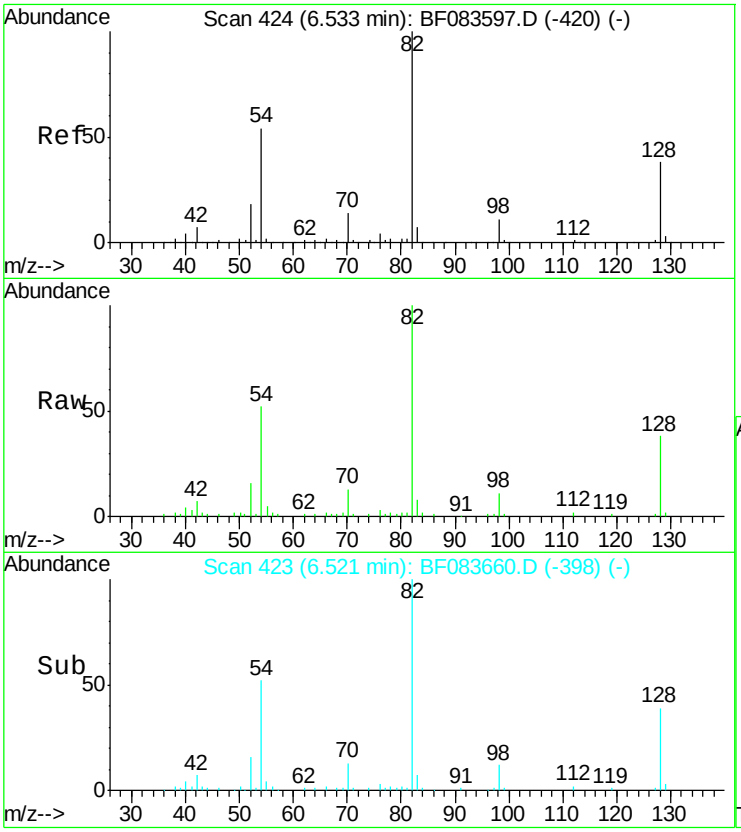


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.58 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Tgt Ion:136 Resp: 655538

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.9	7.8	11.6
68	6.2	5.7	8.5



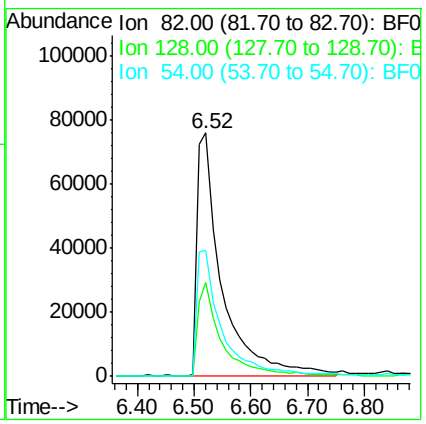


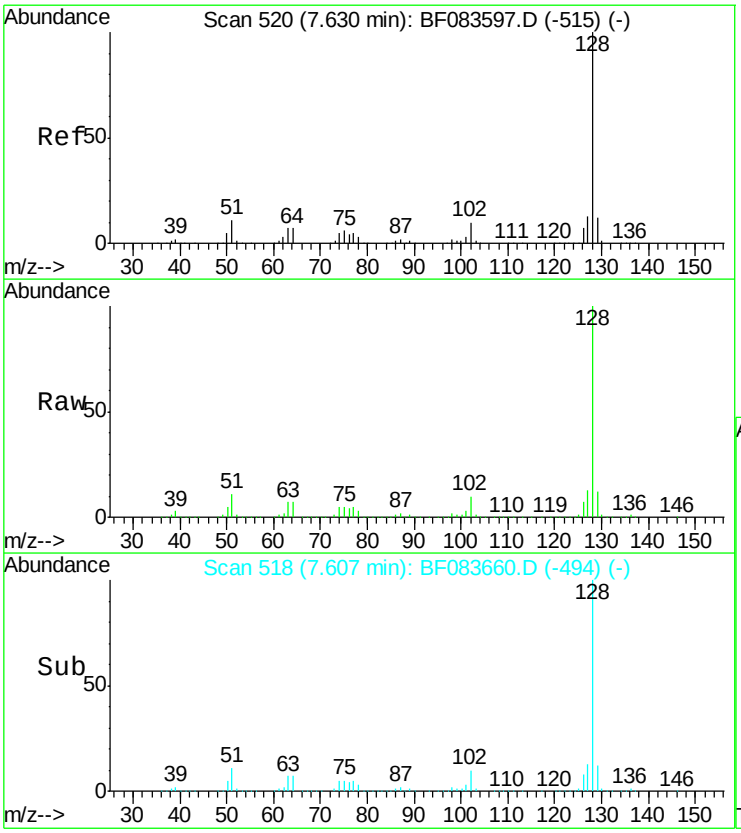
#23
Nitrobenzene-d5
Concen: 16.20 ng
RT: 6.52 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-10(0-6)DL

Tgt Ion: 82 Resp: 227651

Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.7	46.1
54	51.5	42.5	63.7

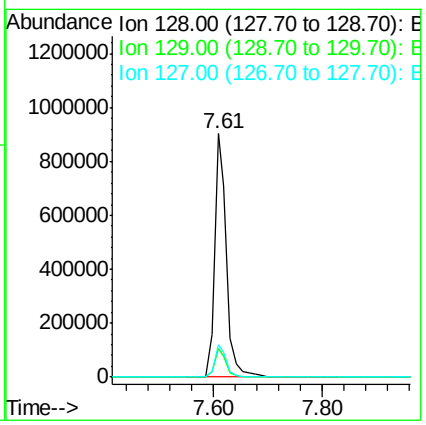


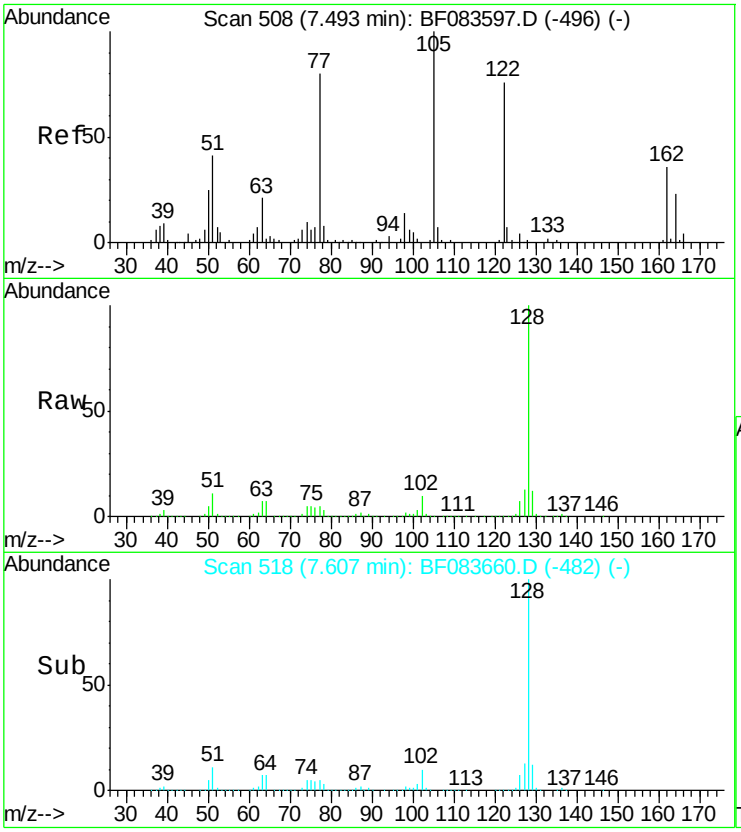


#31
Naphthalene
Concen: 40.33 ng
RT: 7.61 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Tgt Ion:128 Resp: 1400111

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	13.0
127	13.1	10.6	16.0



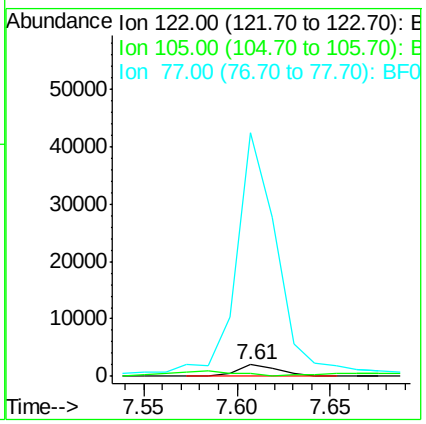


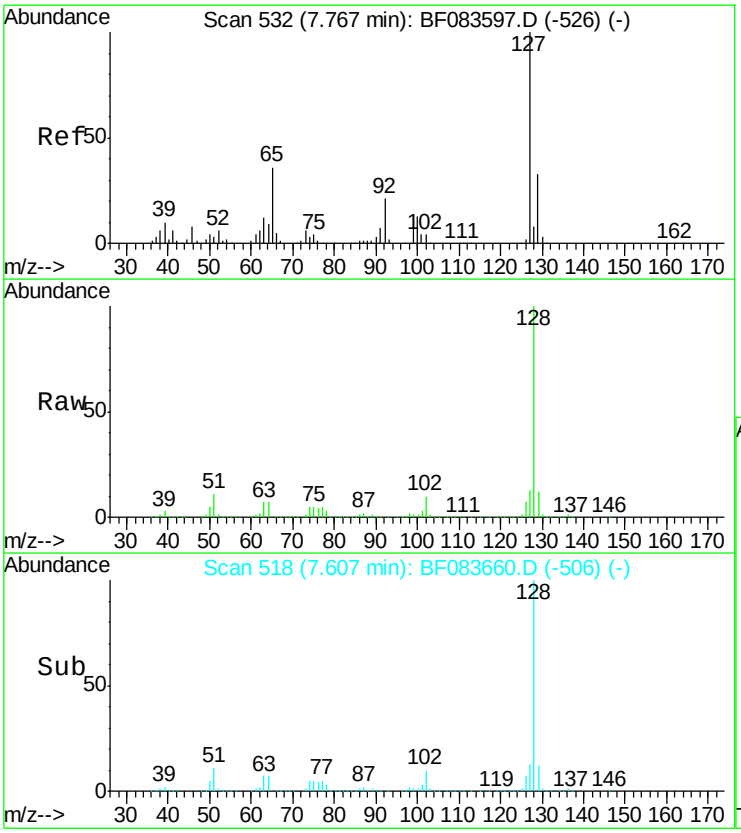
#32
Benzoic acid
Concen: 3.45 ng
RT: 7.61 min Scan# 518
Delta R.T. 0.12 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-10(0-6)DL

Tgt Ion:122 Resp: 3033

Ion	Ratio	Lower	Upper
122	100		
105	21.0	105.6	145.6#
77	2137.9	86.8	126.8#

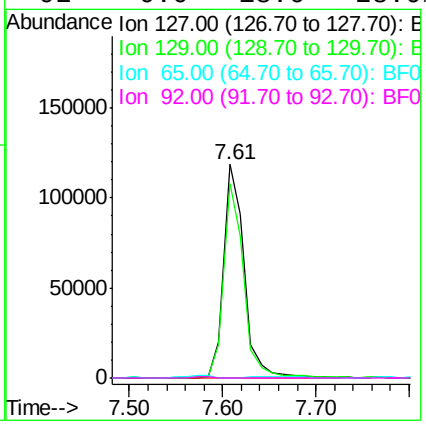


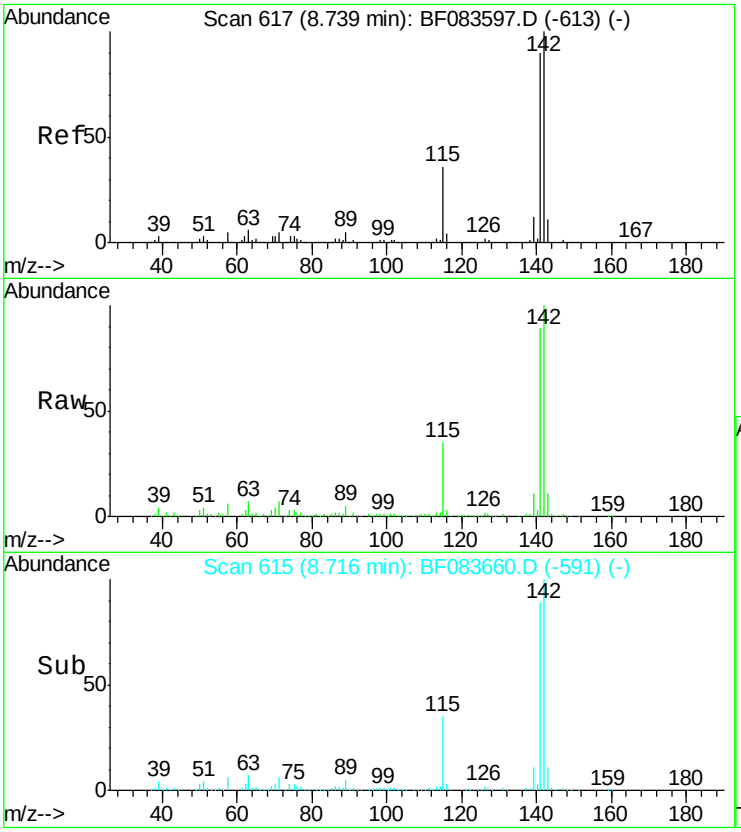


#33
4-Chloroaniline
Concen: 14.31 ng
RT: 7.61 min Scan# 518
Delta R.T. -0.16 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Tgt Ion:127 Resp: 181163

Ion	Ratio	Lower	Upper
127	100		
129	90.8	26.1	39.1#
65	0.0	33.5	50.3#
92	0.0	18.6	28.0#



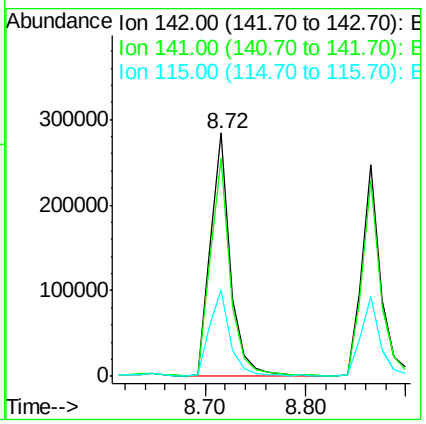


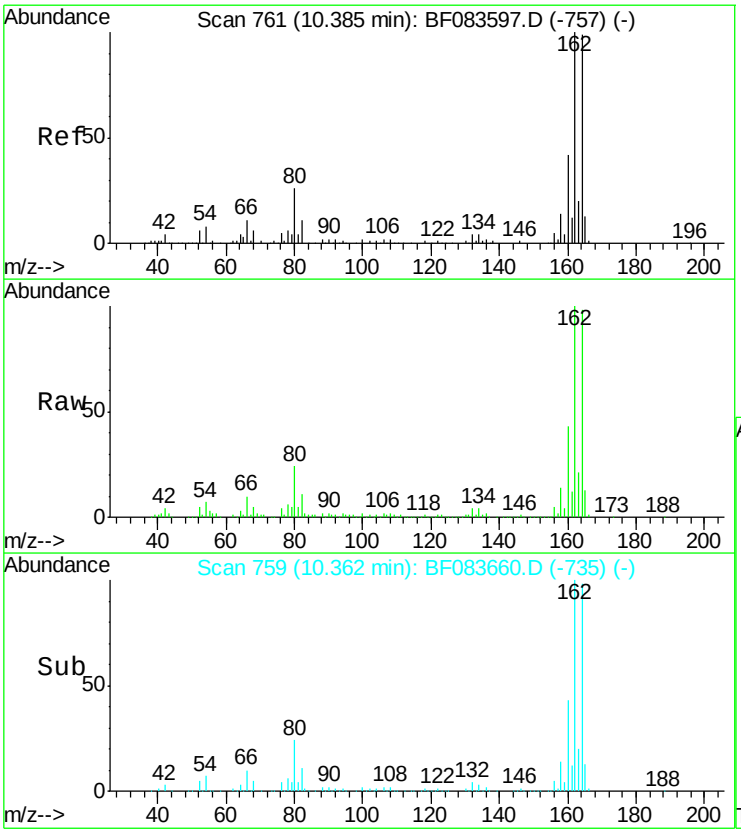
#37
2-Methylnaphthalene
Concen: 17.75 ng
RT: 8.72 min Scan# 615
Delta R.T. -0.02 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-10(0-6)DL

Tgt Ion:142 Resp: 387067

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.3	105.5
115	35.1	29.2	43.8

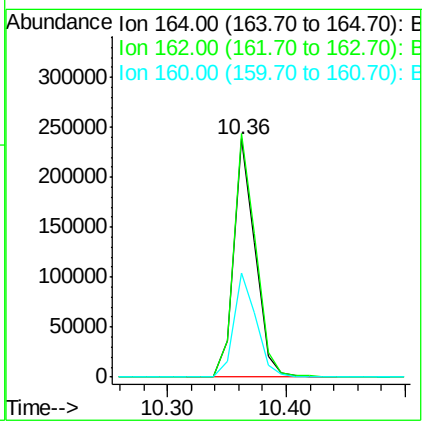


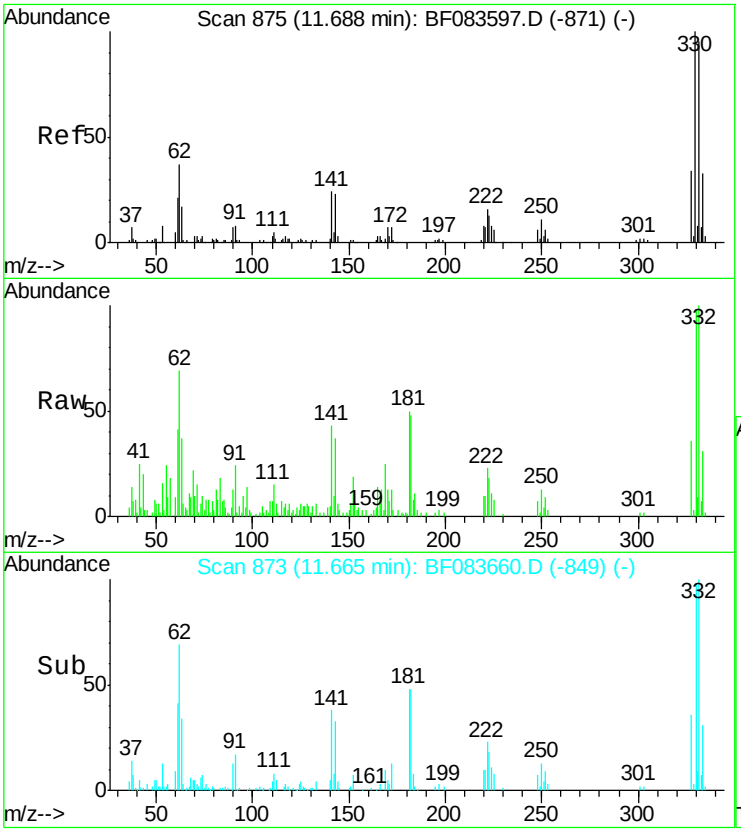


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Tgt Ion:164 Resp: 300033

Ion	Ratio	Lower	Upper
164	100		
162	102.1	78.8	118.2
160	43.4	33.4	50.2



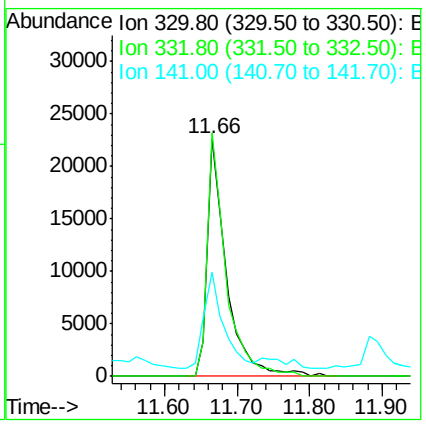


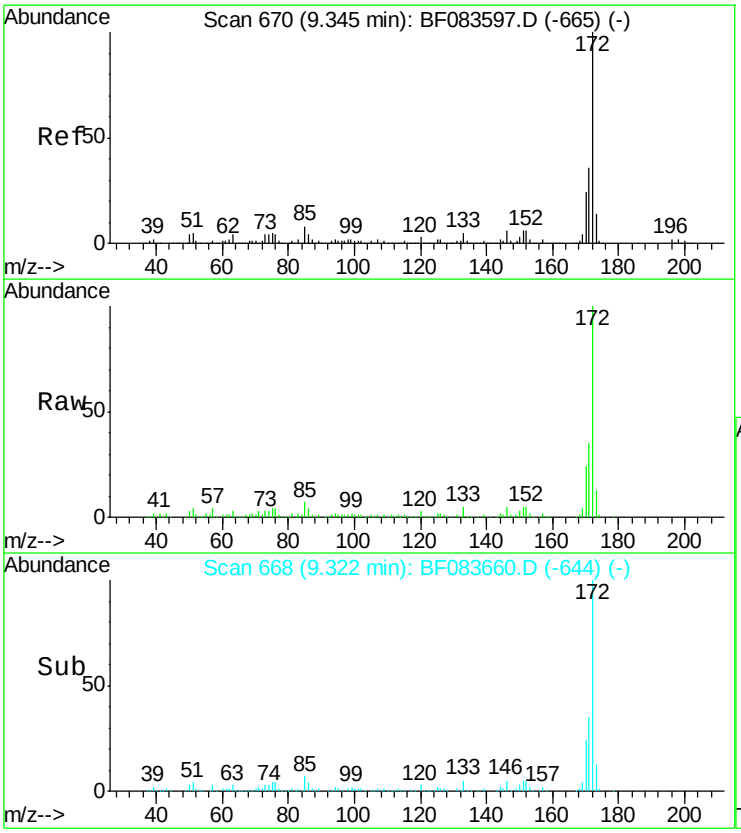
#41
2,4,6-Tribromophenol
Concen: 15.61 ng
RT: 11.66 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-10(0-6)DL

Tgt Ion:330 Resp: 41738

Ion	Ratio	Lower	Upper
330	100		
332	98.7	0.0	0.0#
141	40.7	0.0	0.0#

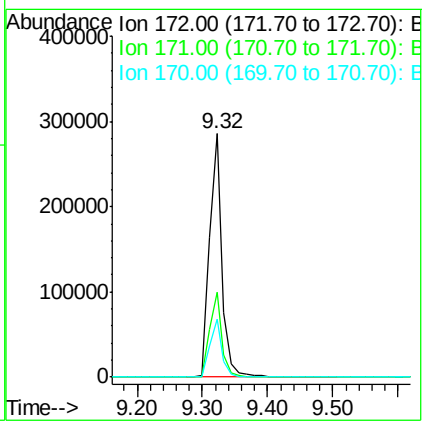


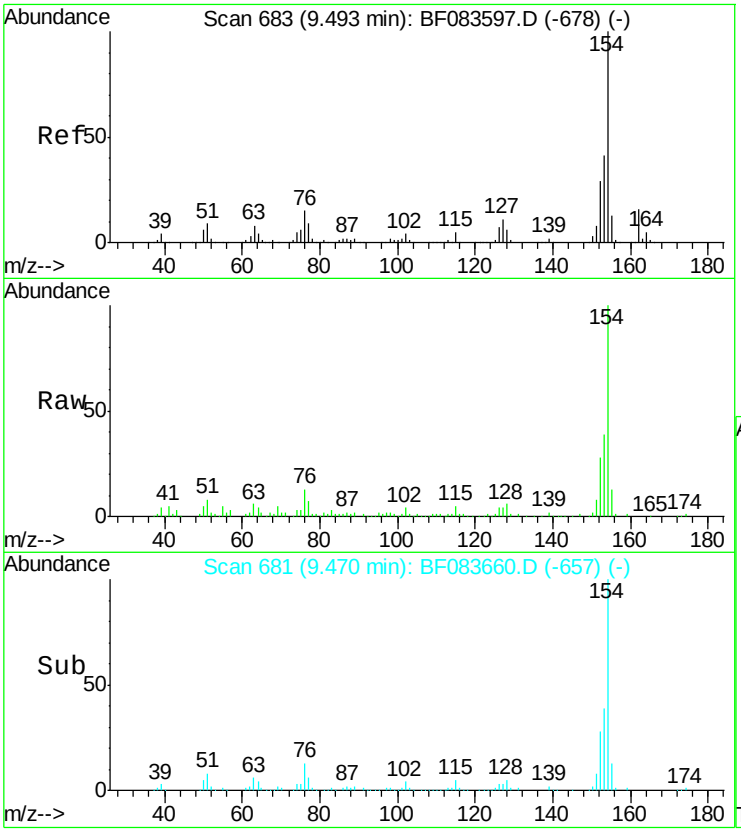


#44
2-Fluorobiphenyl
Concen: 17.99 ng
RT: 9.32 min Scan# 668
Delta R.T. -0.02 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Tgt Ion:172 Resp: 383560

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	23.9	19.4	29.0



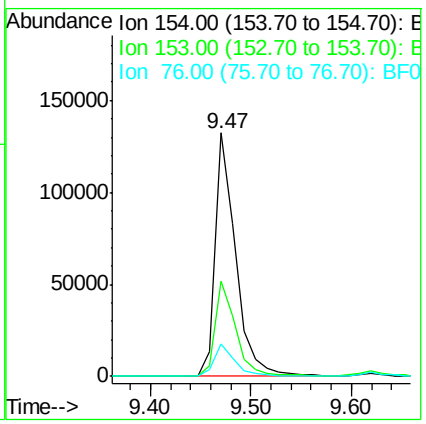


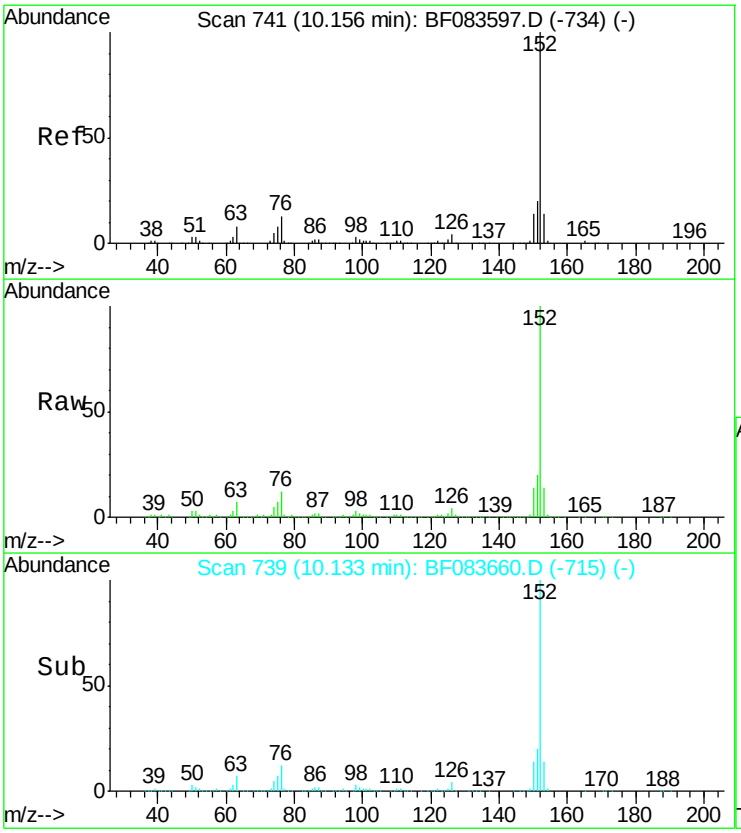
#45
1,1'-Biphenyl
Concen: 7.22 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-10(0-6)DL

Tgt Ion:154 Resp: 188211

Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.2	60.2
76	13.4	0.0	34.8

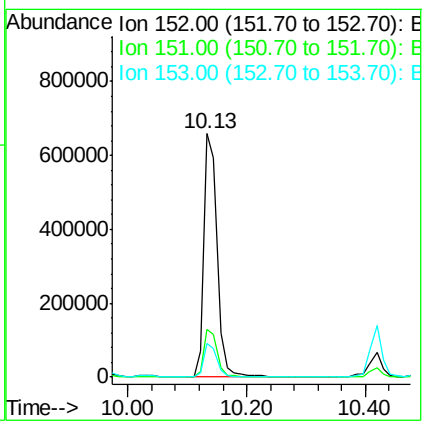


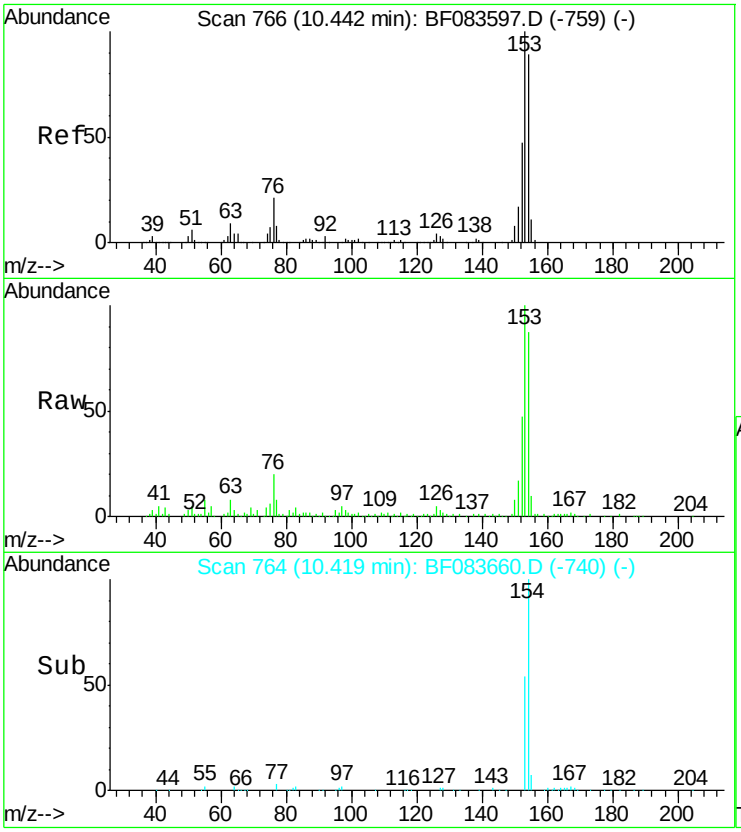


#48
Acenaphthylene
Concen: 31.95 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Tgt Ion:152 Resp: 1037341

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	13.9	10.8	16.2



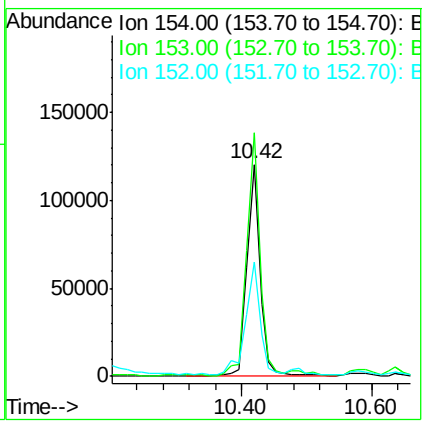


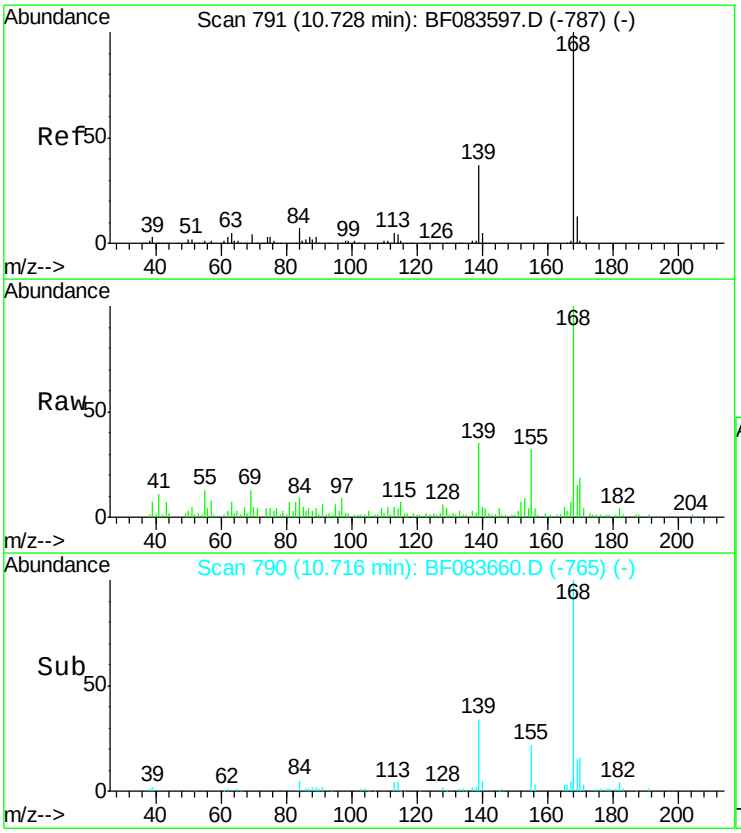
#51
Acenaphthene
Concen: 9.22 ng
RT: 10.42 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-10(0-6)DL

Tgt Ion:154 Resp: 171357

Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.4	137.0
152	54.2	43.4	65.2

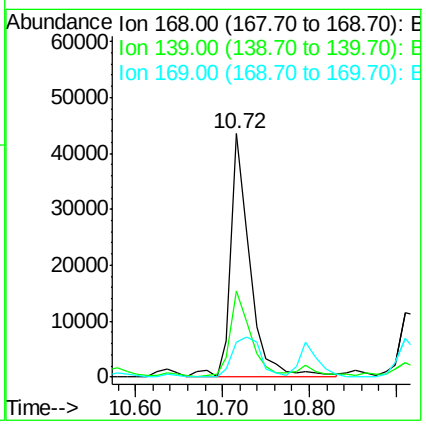


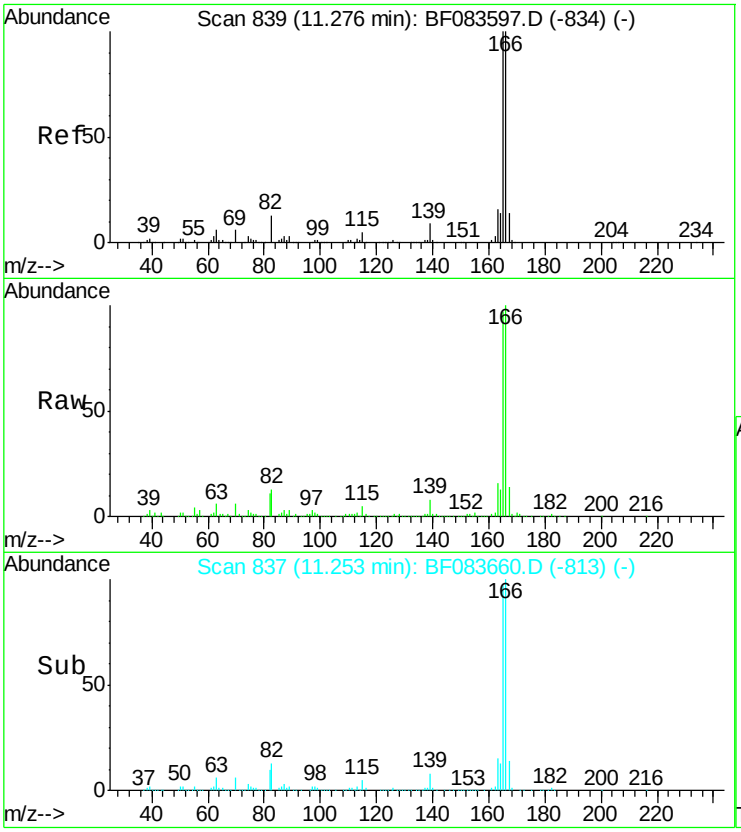


#54
Dibenzofuran
Concen: 2.60 ng
RT: 10.72 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Tgt Ion:168 Resp: 66968

Ion	Ratio	Lower	Upper
168	100		
139	35.3	28.0	42.0
169	14.6	10.8	16.2



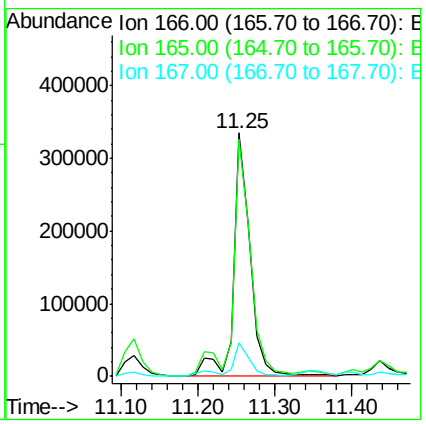


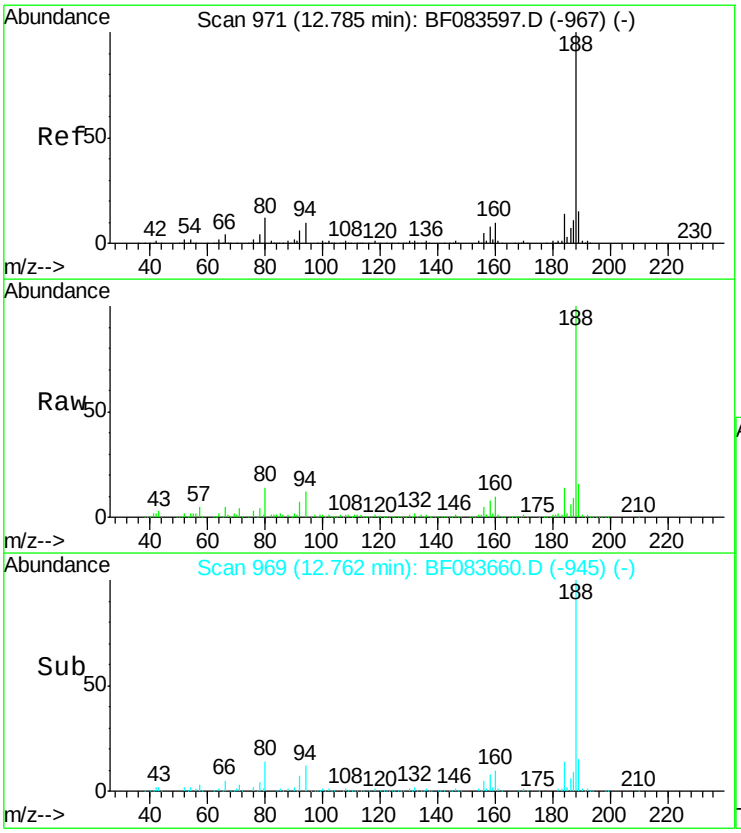
#57
Fluorene
Concen: 22.52 ng
RT: 11.25 min Scan# 837
Delta R.T. -0.02 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-10(0-6)DL

Tgt Ion:166 Resp: 506563

Ion	Ratio	Lower	Upper
166	100		
165	97.4	80.0	120.0
167	14.1	10.6	16.0

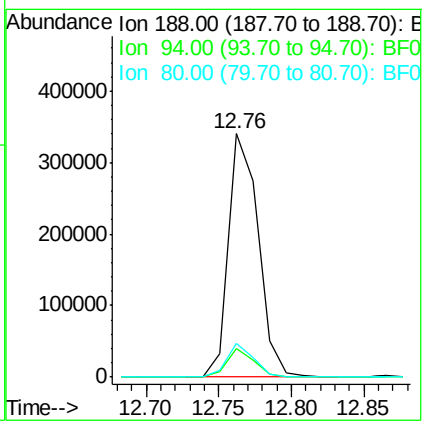


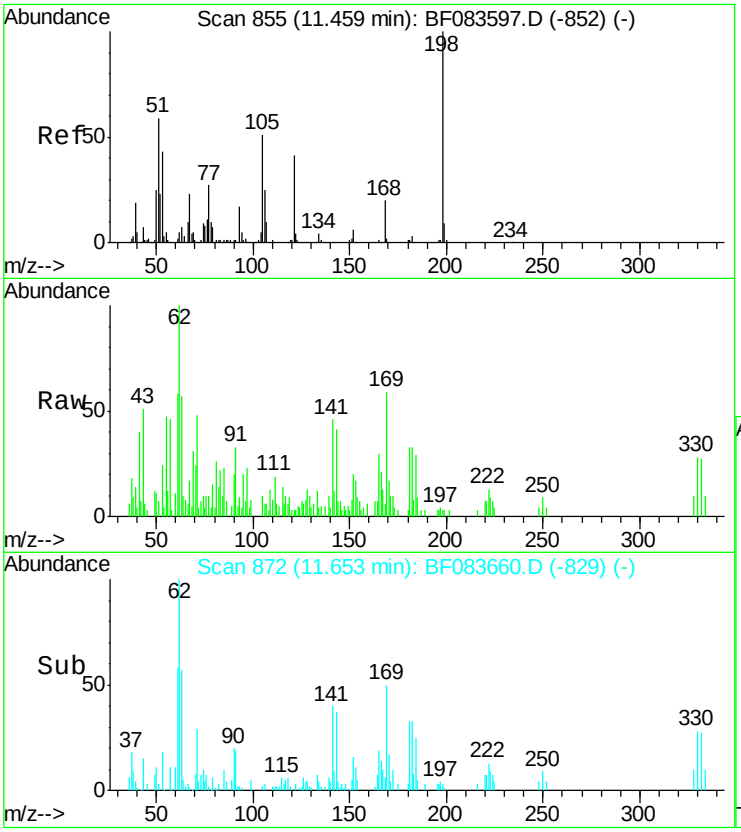


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Tgt Ion:188 Resp: 485390

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



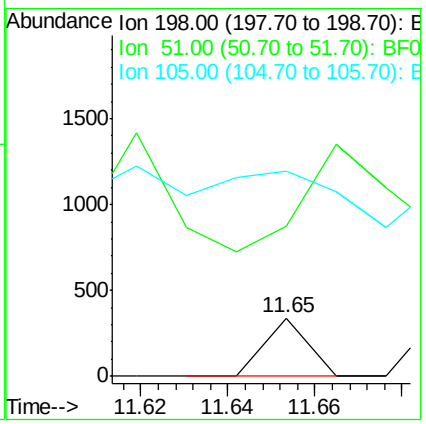


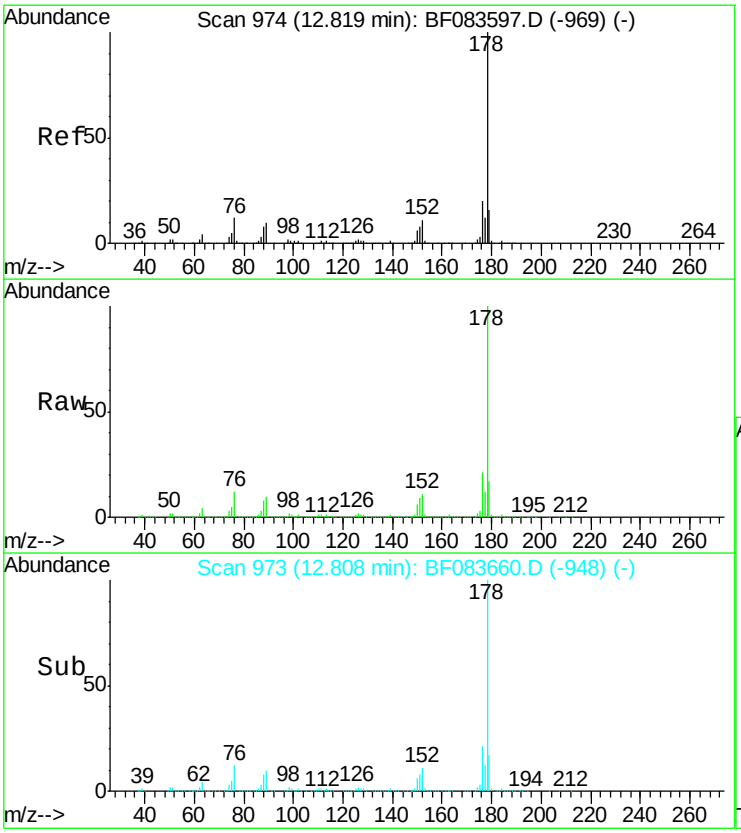
#64
4,6-Dinitro-2-methylphenol
Concen: 2.01 ng
RT: 11.65 min Scan# 872
Delta R.T. 0.19 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-10(0-6)DL

Tgt Ion:198 Resp: 234

Ion	Ratio	Lower	Upper
198	100		
51	256.3	53.8	93.8#
105	350.4	38.6	78.6#

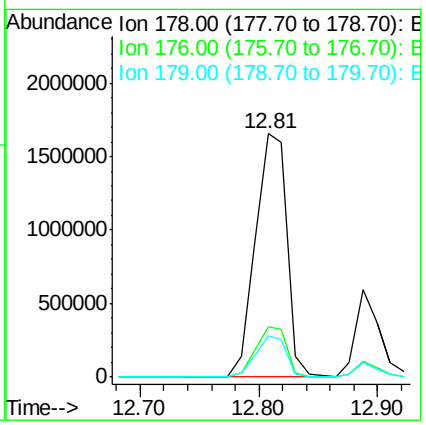


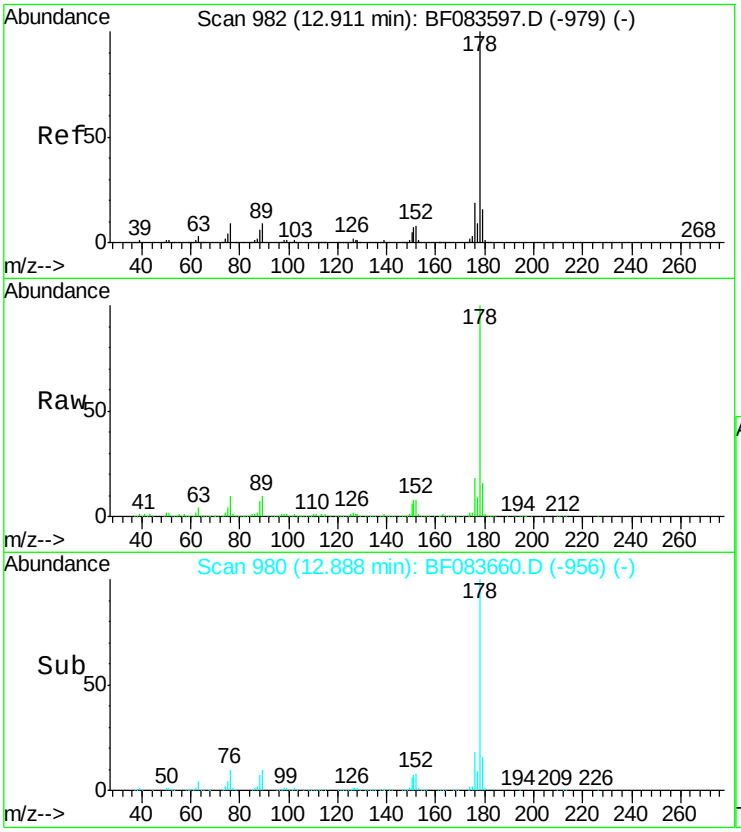


#70
Phenanthrene
Concen: 109.53 ng
RT: 12.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Tgt Ion:178 Resp: 3054687

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.7	23.5
179	16.8	12.2	18.4



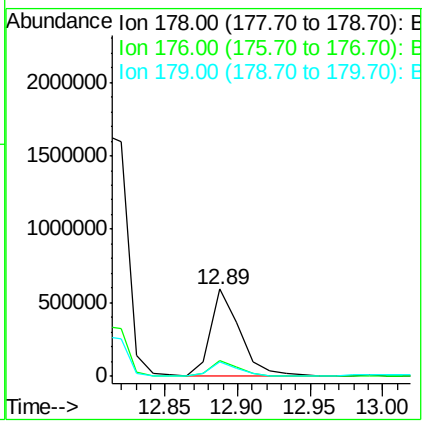


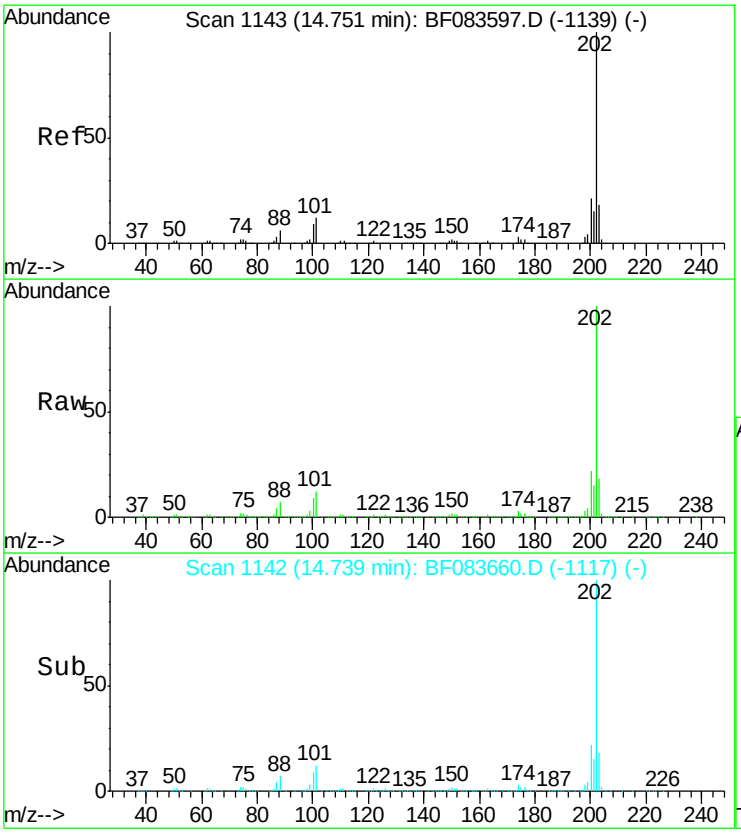
#71
Anthracene
Concen: 28.66 ng
RT: 12.89 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-10(0-6)DL

Tgt Ion:178 Resp: 828079

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	16.3	12.6	18.8

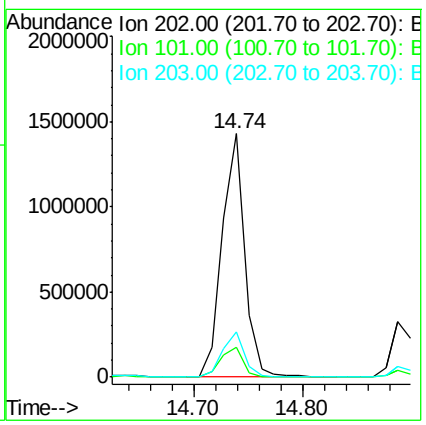


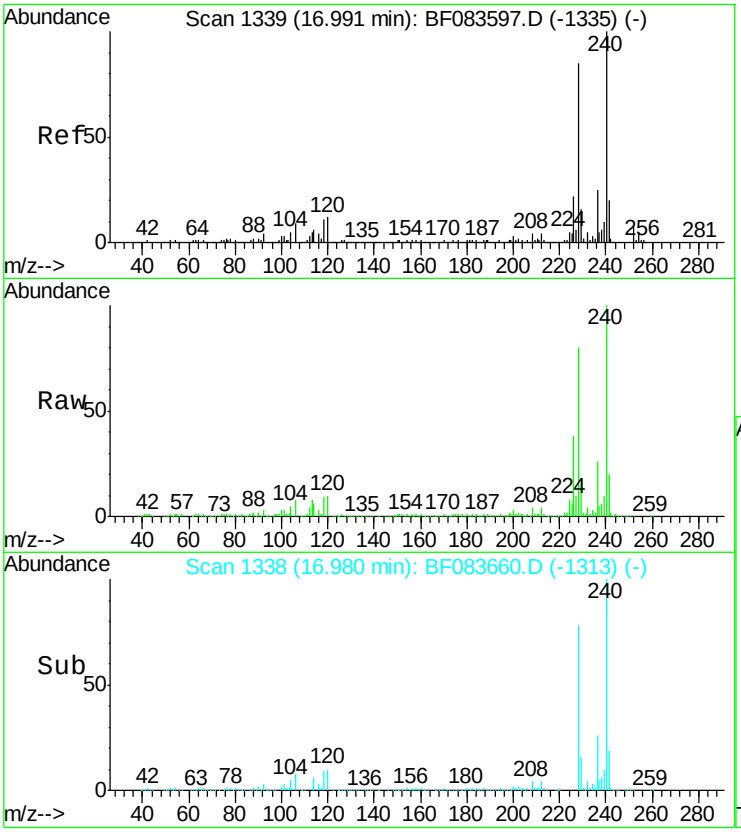


#74
Fluoranthene
Concen: 71.91 ng
RT: 14.74 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Tgt Ion:202 Resp: 2051688

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.5
203	18.4	0.0	37.6



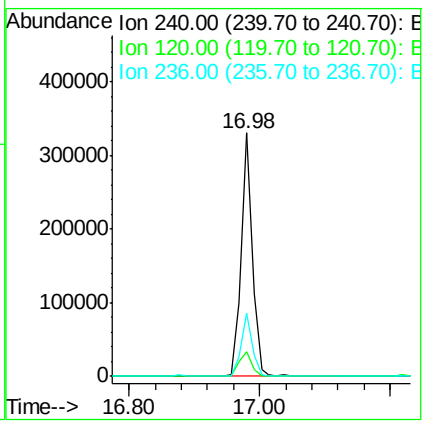


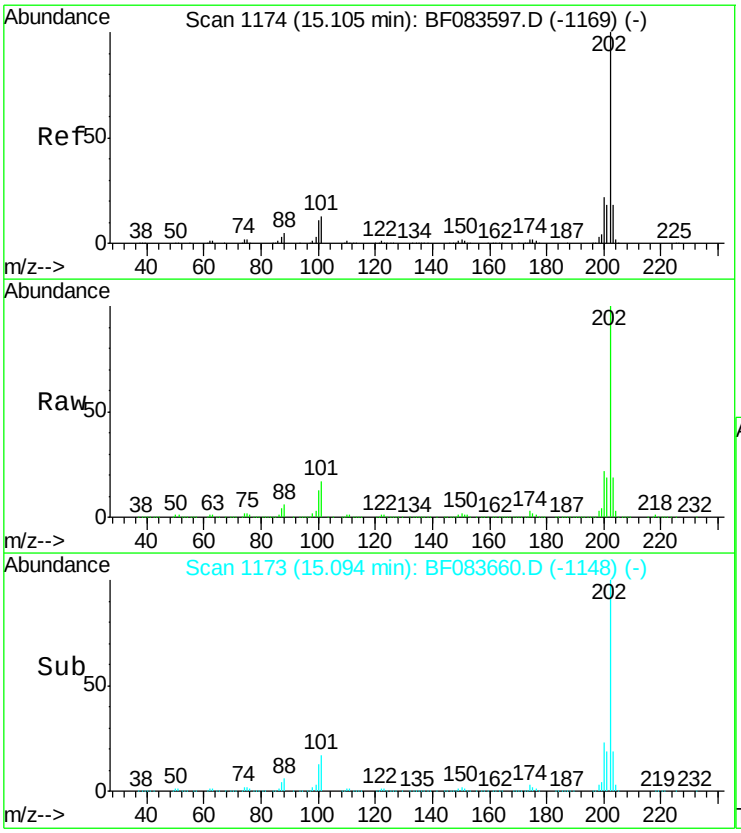
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.98 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-10(0-6)DL

Tgt Ion:240 Resp: 387987

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	26.1	20.8	31.2

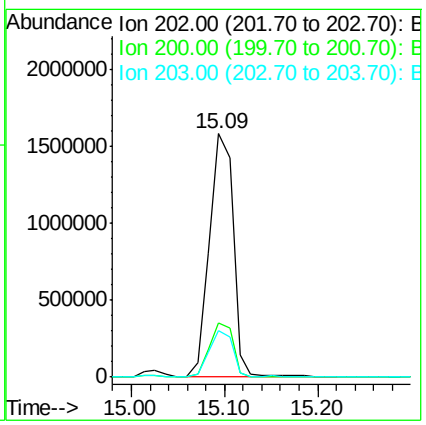


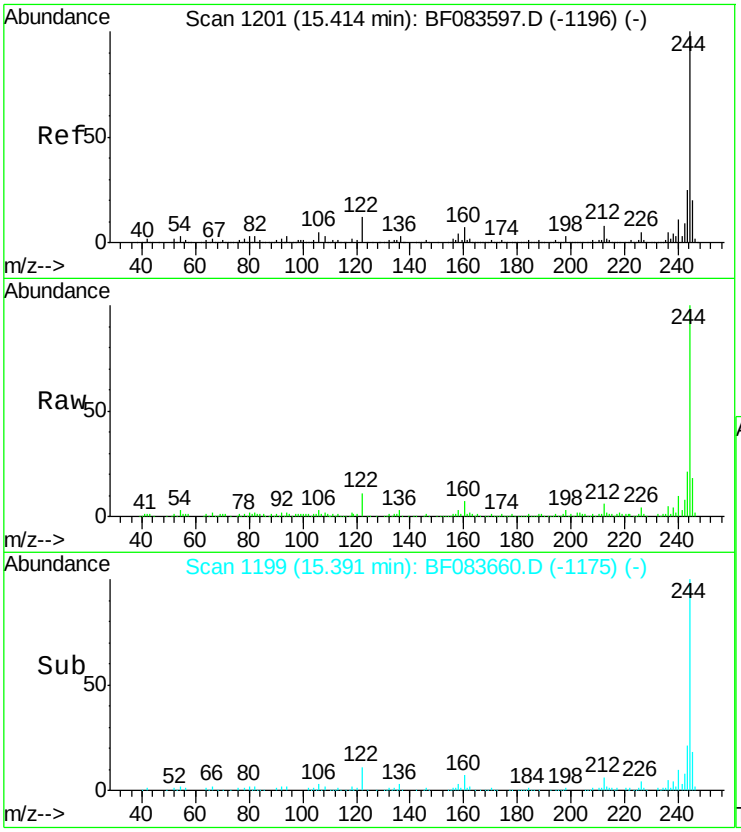


#77
Pyrene
Concen: 100.17 ng
RT: 15.09 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Tgt Ion:202 Resp: 2798018

Ion	Ratio	Lower	Upper
202	100		
200	22.5	16.7	25.1
203	19.3	14.3	21.5



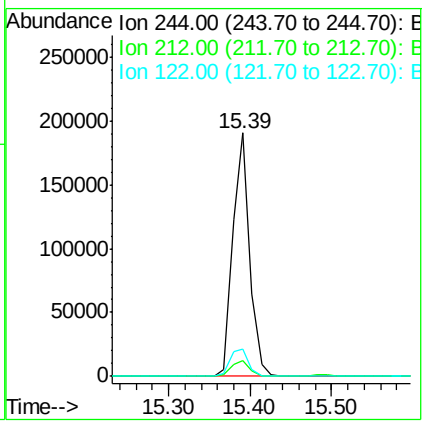


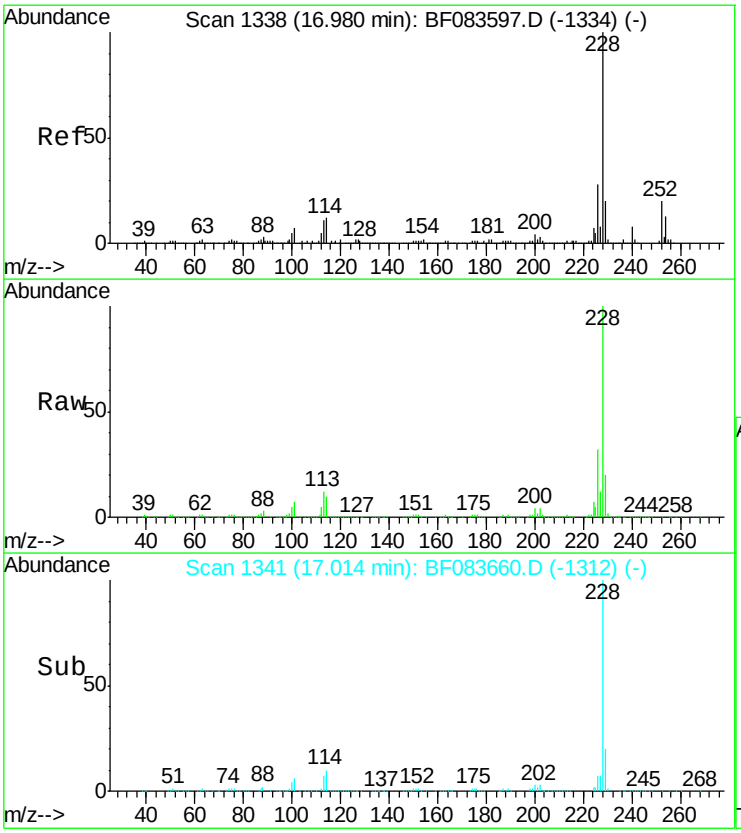
#78
Terphenyl-d14
Concen: 16.52 ng
RT: 15.39 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-10(0-6)DL

Tgt Ion:244 Resp: 272366

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.1	9.1
122	11.4	11.0	16.6

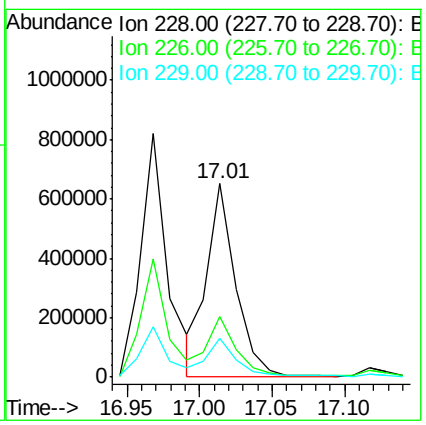


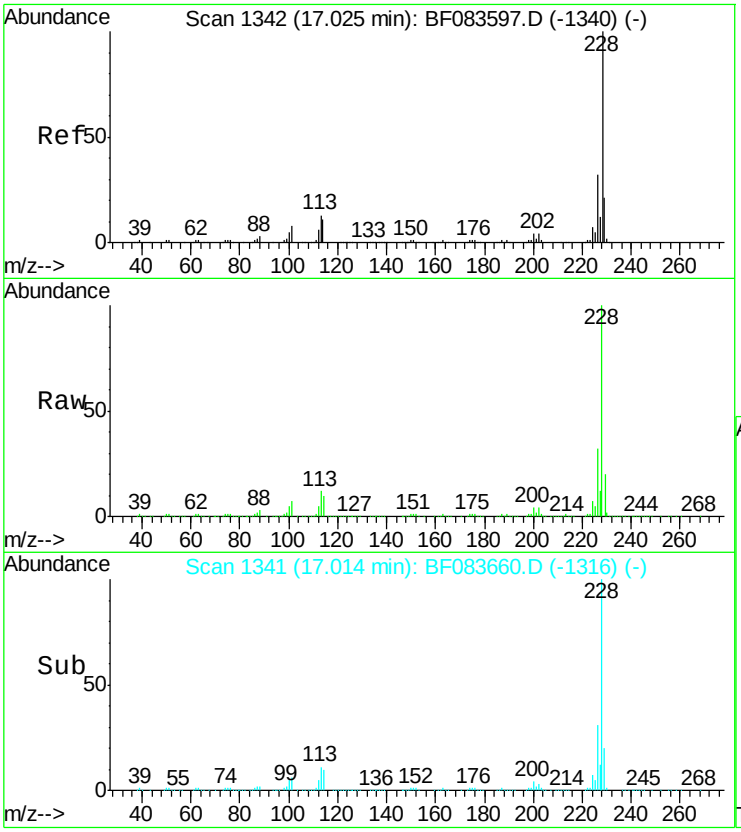


#80
Benzo(a)anthracene
Concen: 39.72 ng
RT: 17.01 min Scan# 1341
Delta R.T. 0.03 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Tgt Ion:228 Resp: 901897

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.3	33.5
229	20.4	15.7	23.5



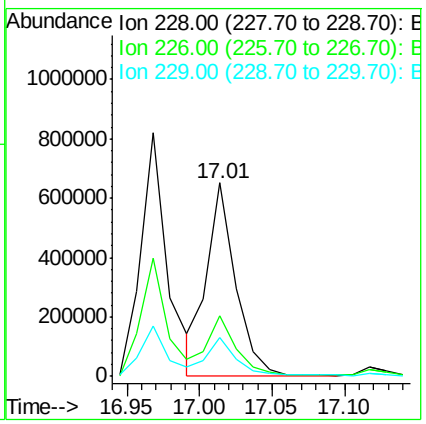


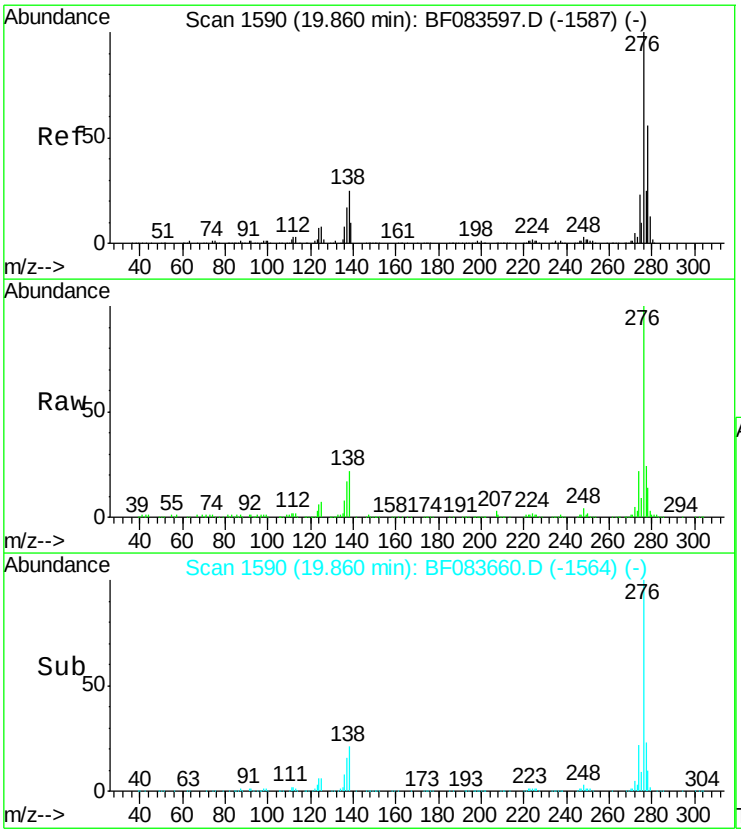
#82
Chrysene
Concen: 39.62 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-10(0-6)DL

Tgt Ion:228 Resp: 901897

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.7	37.1
229	20.4	16.3	24.5

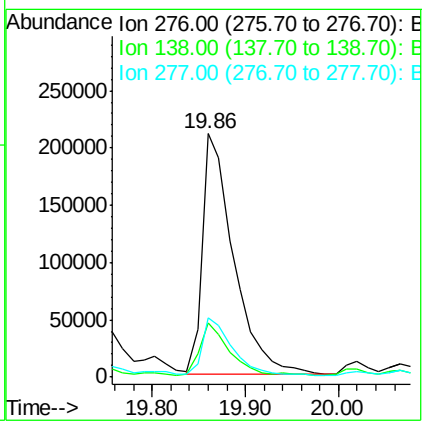


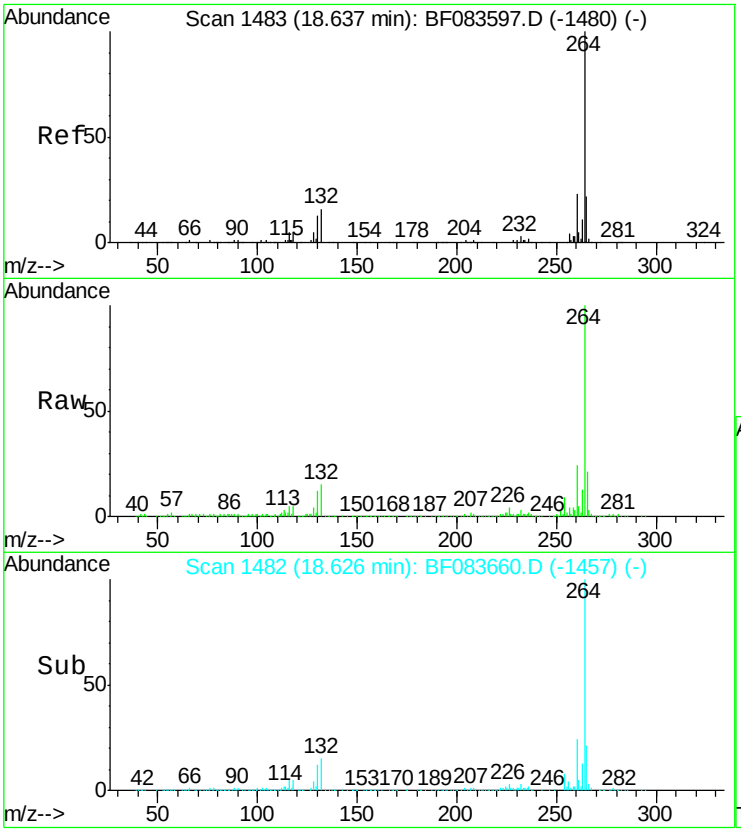


#85
Indeno(1,2,3-cd)pyrene
Concen: 31.92 ng
RT: 19.86 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Tgt Ion:276 Resp: 490427

Ion	Ratio	Lower	Upper
276	100		
138	21.6	0.0	0.0#
277	23.0	0.0	0.0#



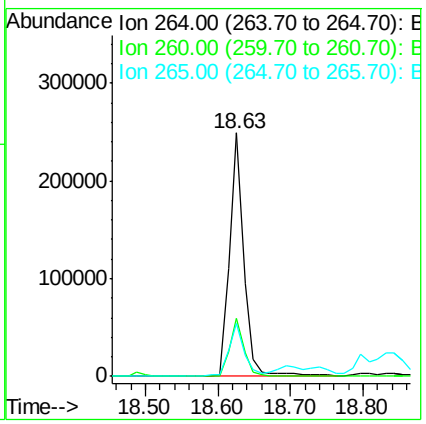


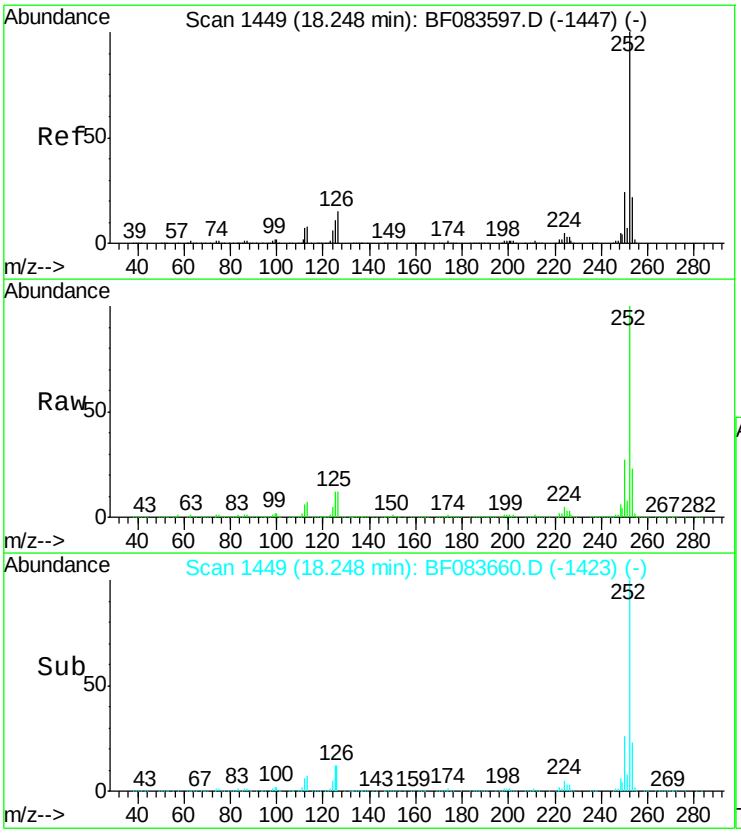
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-10(0-6)DL

Tgt Ion:264 Resp: 340236

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.5	17.8	26.6

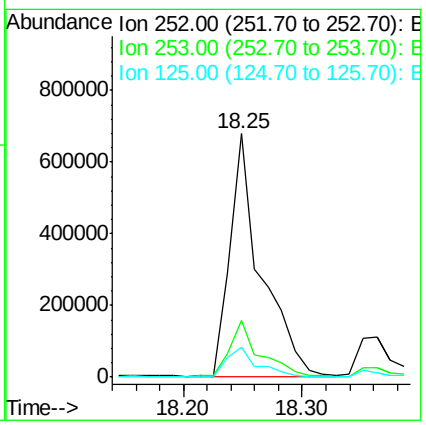


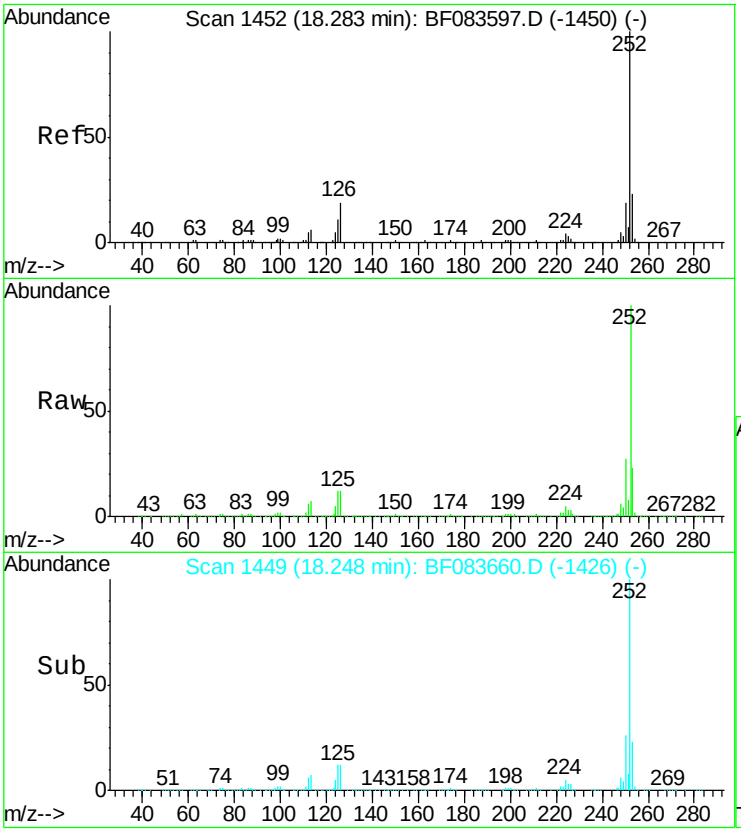


#87
Benzo(b)fluoranthene
Concen: 63.70 ng
RT: 18.25 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Tgt Ion:252 Resp: 1234178

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	12.1	8.2	12.4



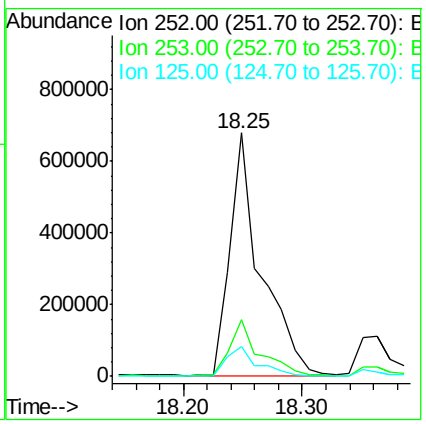


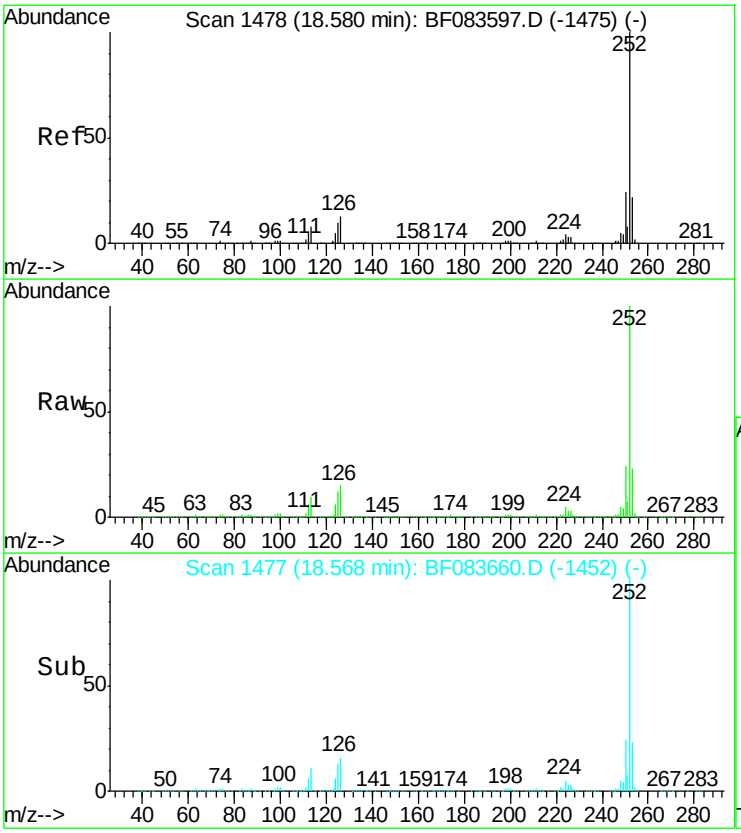
#88
Benzo(k)fluoranthene
Concen: 57.81 ng
RT: 18.25 min Scan# 1449
Delta R.T. -0.03 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-10(0-6)DL

Tgt Ion:252 Resp: 1234178

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	27.8
125	12.1	11.5	17.3

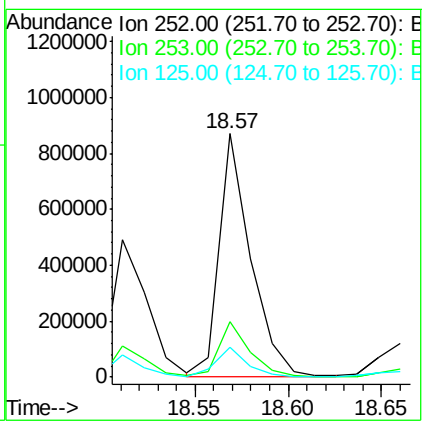


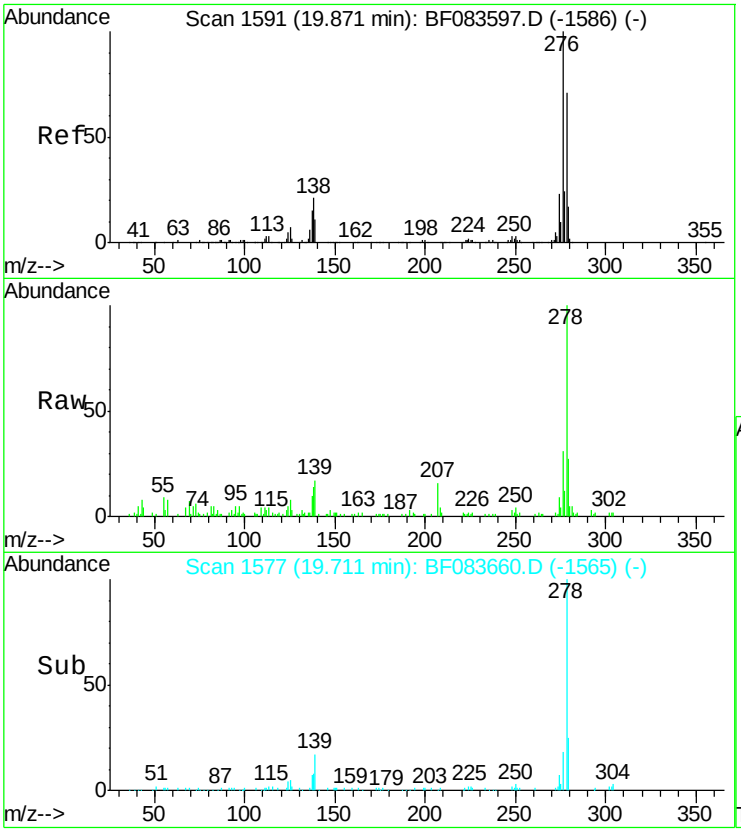


#89
Benzo(a)pyrene
Concen: 54.44 ng
RT: 18.57 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Tgt Ion:252 Resp: 1029261

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	12.2	11.0	16.6



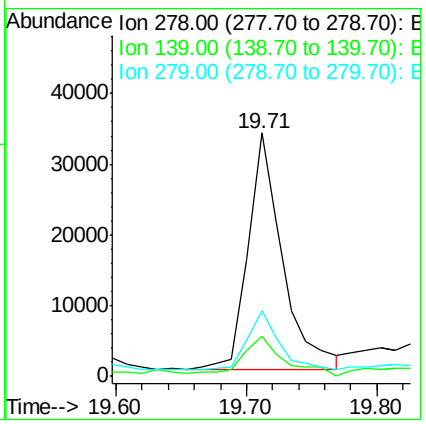


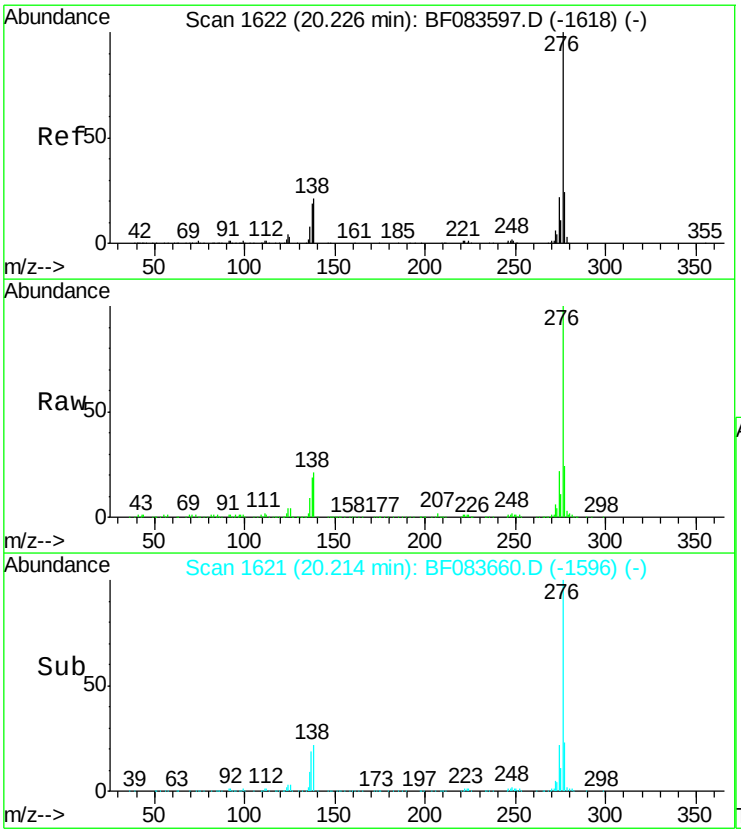
#90
Dibenzo(a,h)anthracene
Concen: 4.22 ng
RT: 19.71 min Scan# 1577
Delta R.T. -0.16 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-10(0-6)DL

Tgt Ion:278 Resp: 61026

Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.8	19.2
279	26.8	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 41.84 ng
RT: 20.21 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BF083660.D
Acq: 10 Dec 2015 2:16

Tgt Ion:276 Resp: 589648

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	21.4	19.5	29.3