Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083451.D
Acq On : 3 Dec 2015 8:56
Operator : UM/IZ
Sample : G4582-13 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-08(0-8)

Quant Time: Dec 03 09:55:18 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	6.53	152	131397	20.00	ng		-0.01
21) Naphthalene-d8	7.82	136	492782	20.00	ng		-0.01
38) Acenaphthene-d10	9.57	164	231148	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	390115	20.00	ng		-0.01
75) Chrysene-d12	14.74	240	325980	20.00	ng		-0.02
86) Perylene-d12	16.80	264	286839	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	53818	6.15	ng		0.00
7) Phenol-d6	6.21	99	82308	6.87	ng		-0.01
23) Nitrobenzene-d5	7.12	82	51162	4.56	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	13311	5.74	ng		-0.02
44) 2-Fluorobiphenyl	8.91	172	82466	5.08	ng		-0.01
78) Terphenyl-d14	13.20	244	61486	4.50	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.09	77	5350	Below Cal		#	1
31) Naphthalene	7.86	128	2555943	95.59	ng		99
33) 4-Chloroaniline	7.86	127	362244	31.43	ng	#	36
35) Caprolactam	8.28	113	16145	6.49	ng	#	1
37) 2-Methylnaphthalene	8.54	142	326591	18.28	ng		99
45) 1,1'-Biphenyl	9.00	154	144405	7.12	ng		96
48) Acenaphthylene	9.44	152	215134	8.73	ng		99
51) Acenaphthene	9.61	154	539222	37.21	ng		100
54) Dibenzofuran	9.78	168	44042	2.07	ng	#	88
57) Fluorene	10.12	166	303307	18.09	ng		98
65) n-Nitrosodiphenylamine	10.24	169	56616	4.13	ng	#	90
70) Phenanthrene	11.15	178	1550159	67.14	ng		99
71) Anthracene	11.20	178	520329	22.39	ng		97
74) Fluoranthene	12.65	202	1016101	42.46	ng		97
77) Pyrene	12.97	202	1480602	65.04	ng		99
80) Benzo(a)anthracene	14.77	228	545165	27.30	ng		97
82) Chrysene	14.77	228	546975	28.35	ng		99
85) Indeno(1,2,3-cd)pyrene	18.04	276	65040	4.63	ng		93
87) Benzo(b)fluoranthene	16.29	252	763259	41.47	ng		98
88) Benzo(k)fluoranthene	16.29	252	763259	43.92	ng	#	97
89) Benzo(a)pyrene	16.73	252	550475	34.82	ng	#	97
90) Dibenzo(a,h)anthracene	18.19	278	60944	4.42	ng		97
91) Benzo(g,h,i)perylene	18.55	276	293182	21.69	ng		96

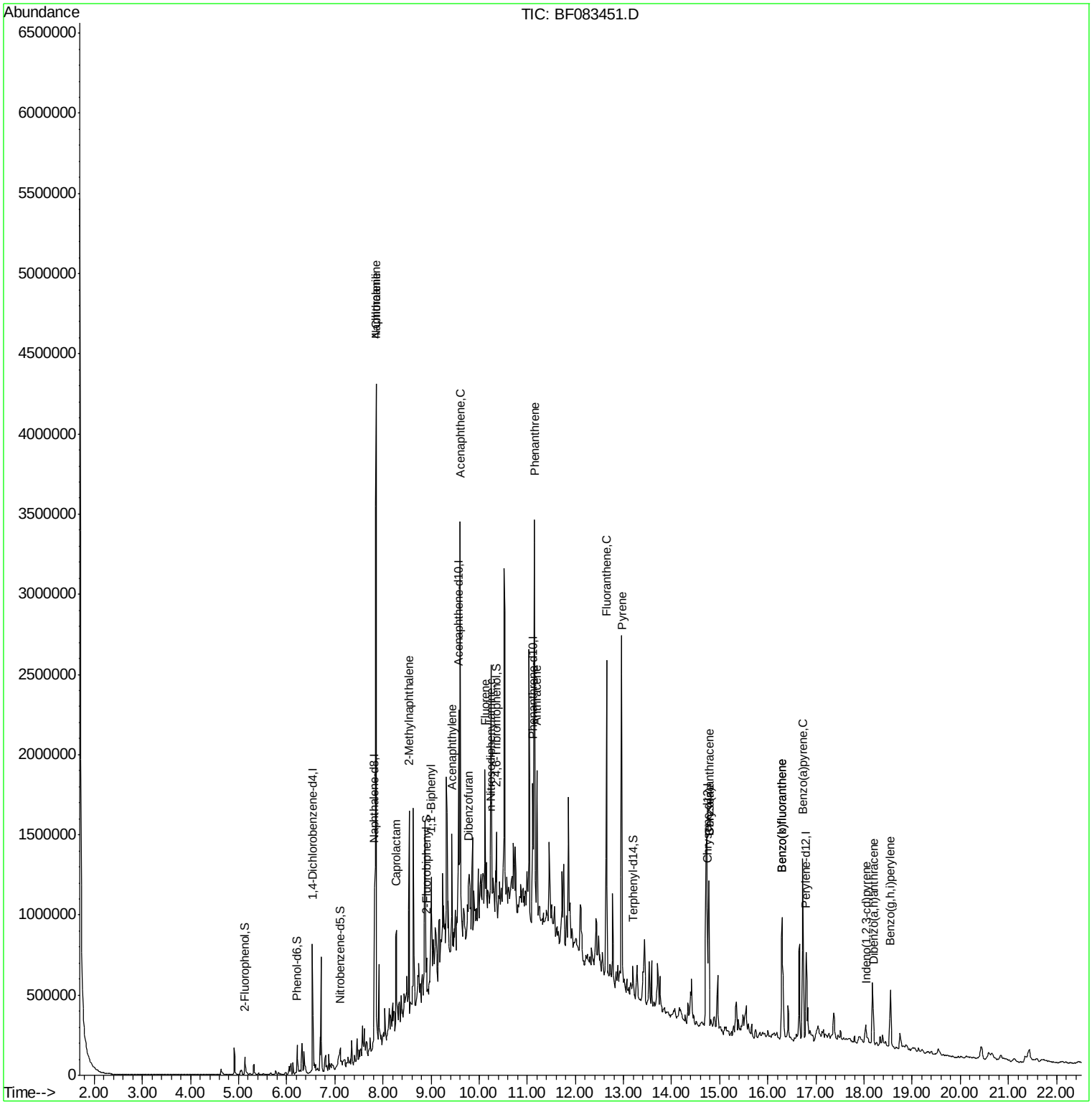
(#) = qualifier out of range (m) = manual integration (+) = signals summed

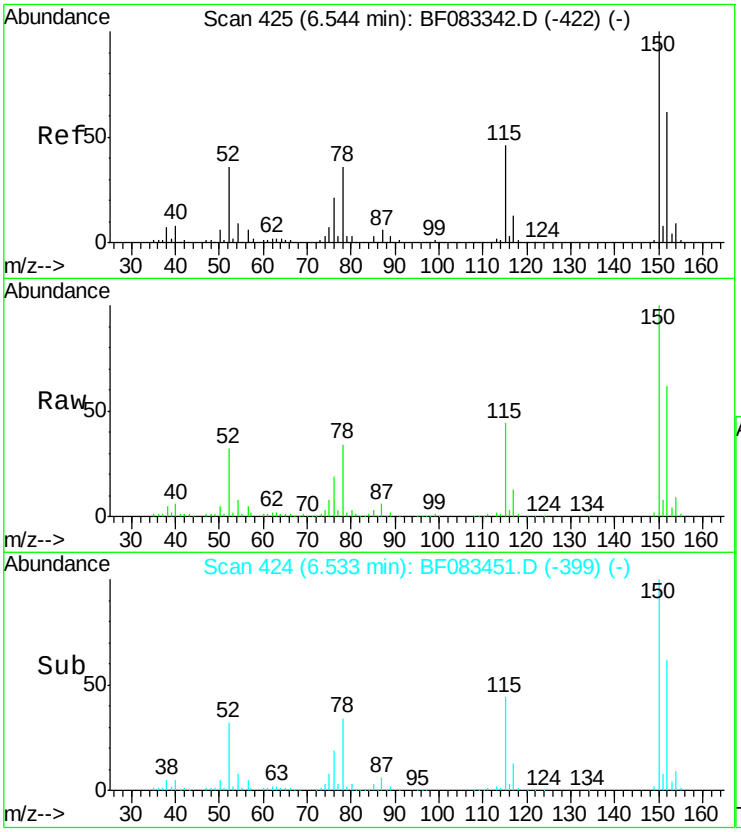
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083451.D
Acq On : 3 Dec 2015 8:56
Operator : UM/IZ
Sample : G4582-13 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-08(0-8)

Quant Time: Dec 03 09:55:18 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



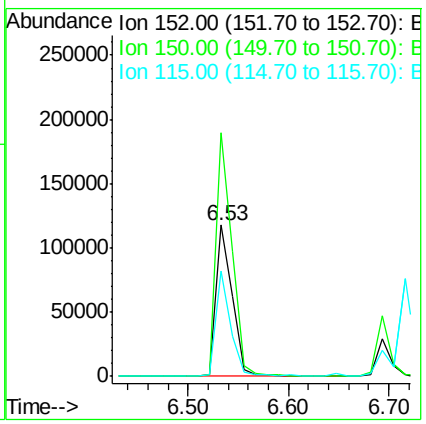


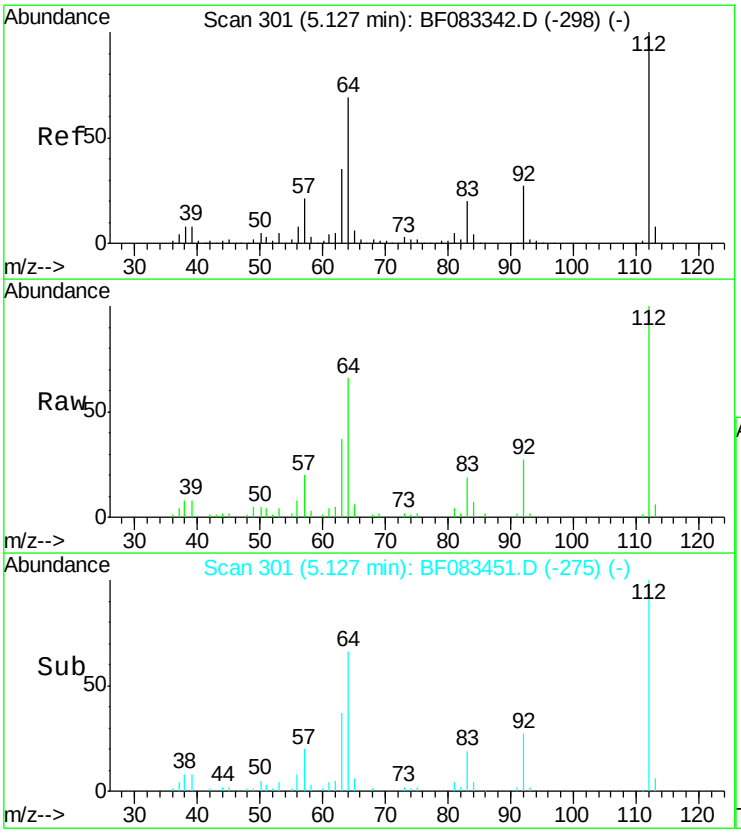
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.53 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion:152 Resp: 131397

Ion	Ratio	Lower	Upper
152	100		
150	161.0	129.8	194.8
115	70.1	59.2	88.8

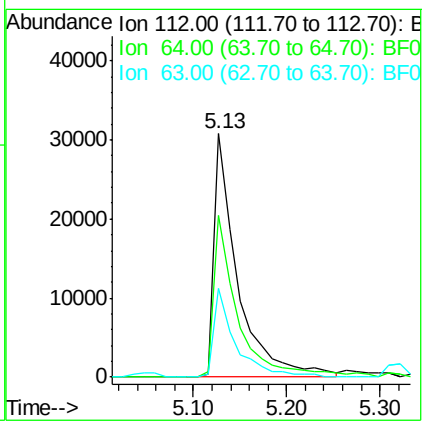


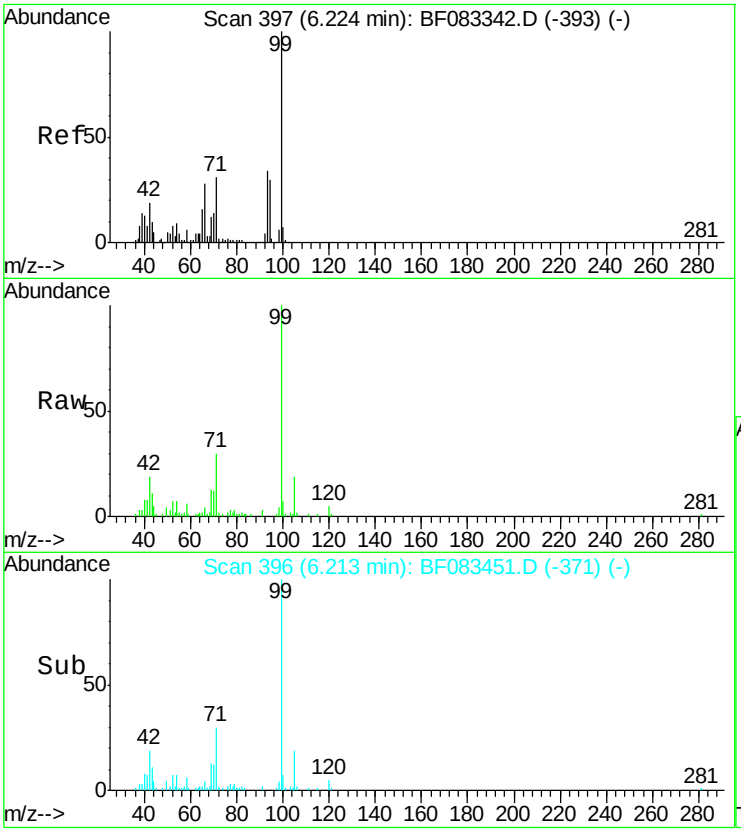


#5
2-Fluorophenol
Concen: 6.15 ng
RT: 5.13 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Tgt Ion:112 Resp: 53818

Ion	Ratio	Lower	Upper
112	100		
64	66.3	55.6	83.4
63	36.6	28.2	42.2



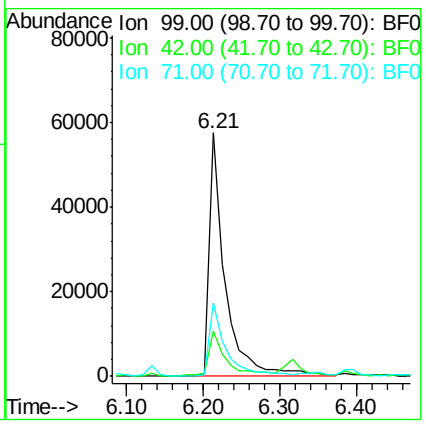


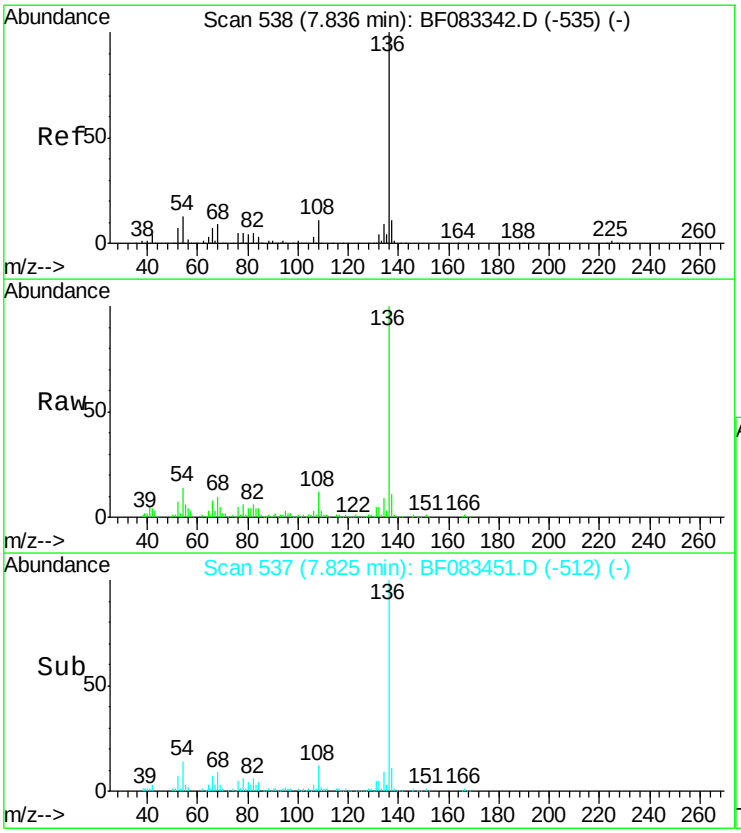
#7
Phenol-d6
Concen: 6.87 ng
RT: 6.21 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion: 99 Resp: 82308

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.9	22.3
71	30.4	24.7	37.1

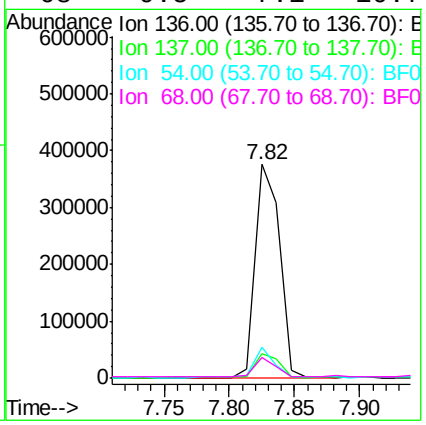


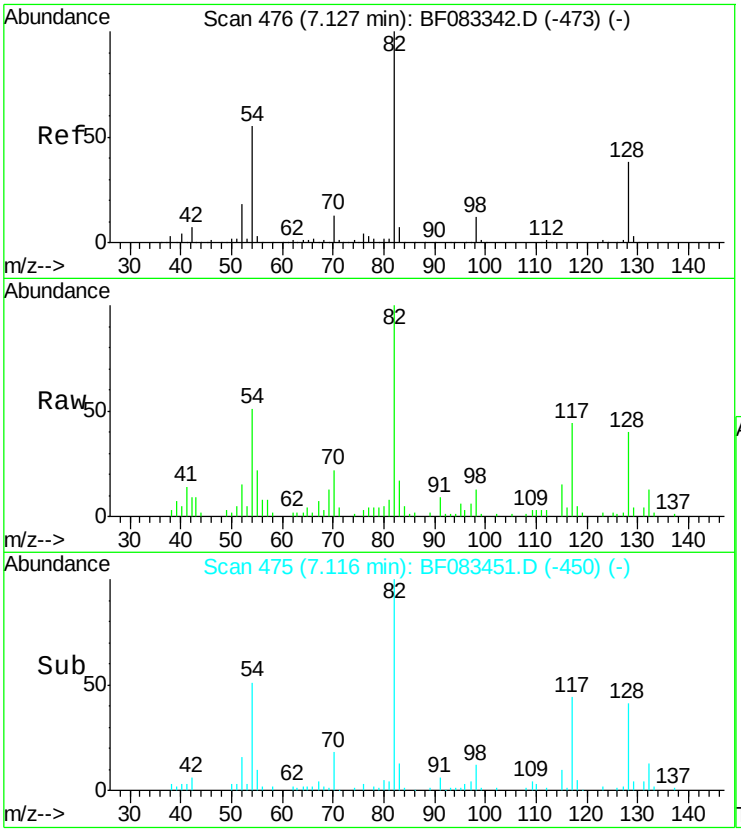


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Tgt Ion:136 Resp: 492782

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	14.1	10.1	15.1
68	9.5	7.1	10.7



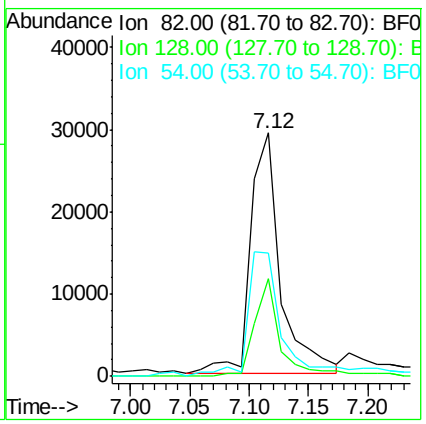


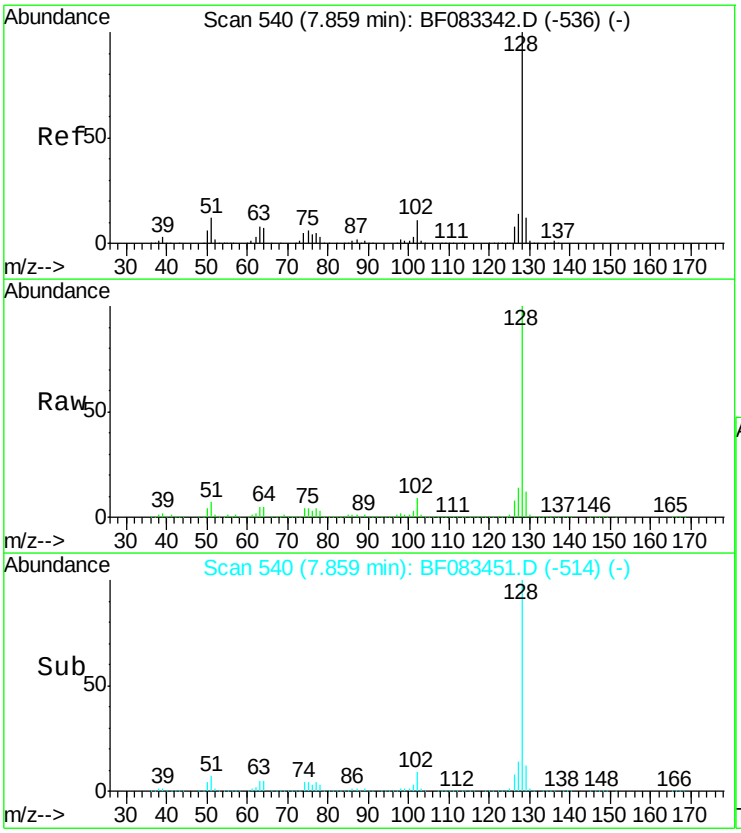
#23
Nitrobenzene-d5
Concen: 4.56 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion: 82 Resp: 51162

Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.6	46.0
54	50.9	43.8	65.6

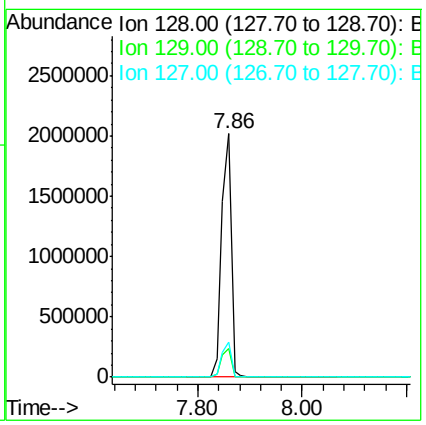


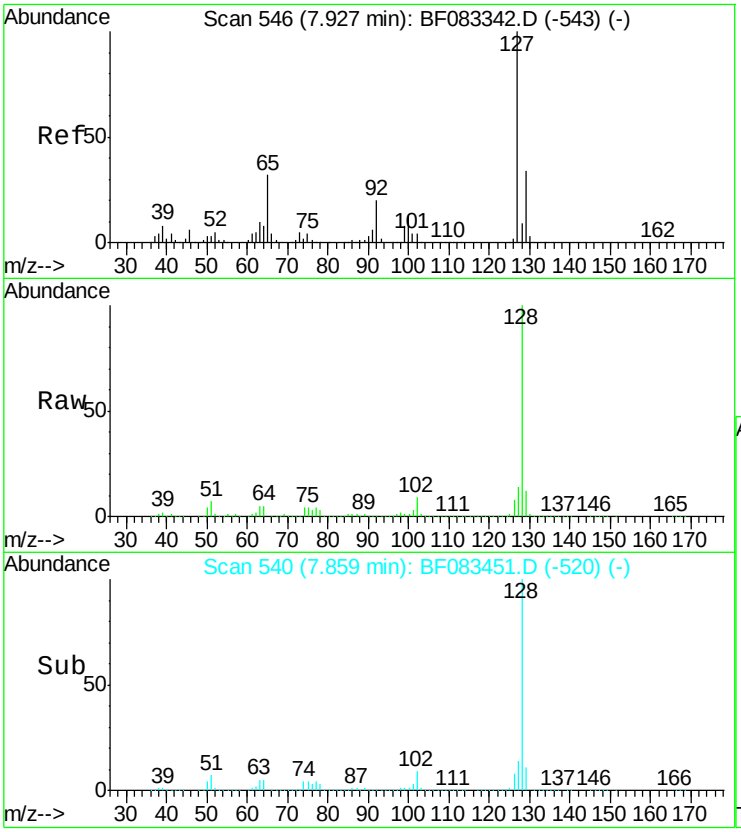


#31
Naphthalene
Concen: 95.59 ng
RT: 7.86 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Tgt Ion:128 Resp: 2555943

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.7	14.5
127	14.4	11.0	16.4



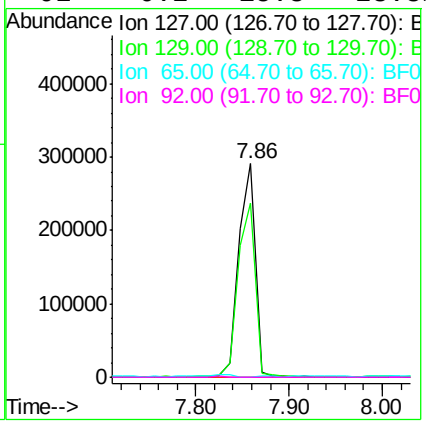


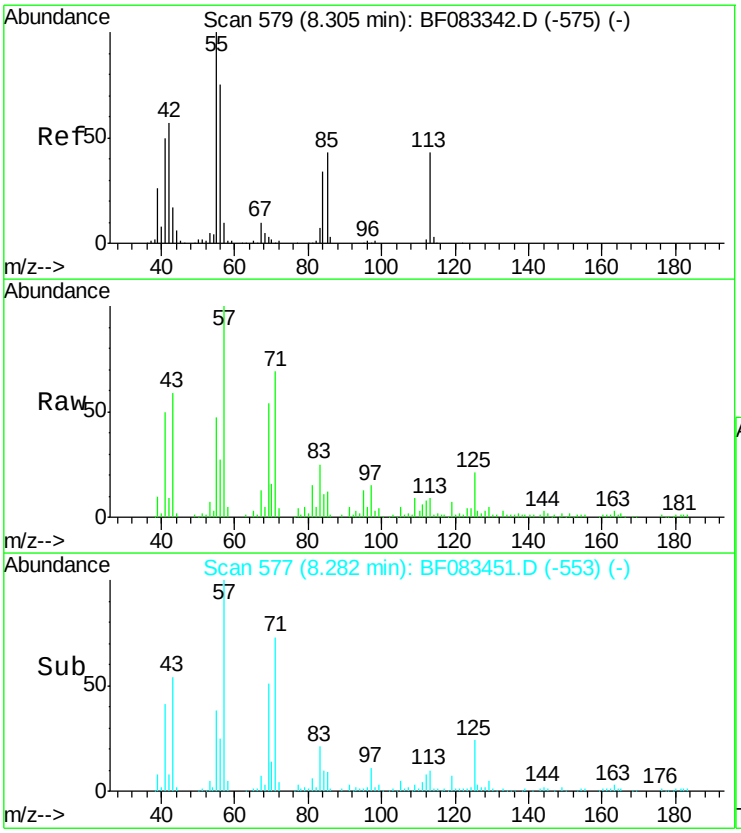
#33
4-Chloroaniline
Concen: 31.43 ng
RT: 7.86 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion:127 Resp: 362244

Ion	Ratio	Lower	Upper
127	100		
129	81.4	27.0	40.4#
65	0.0	25.9	38.9#
92	0.2	15.8	23.8#

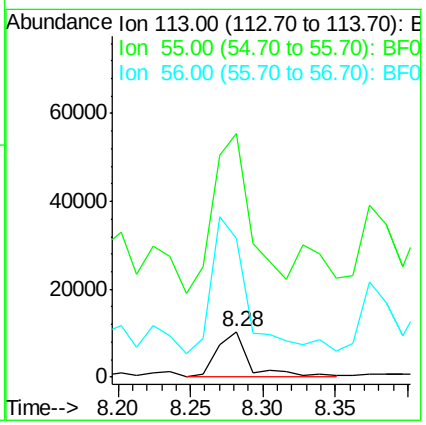


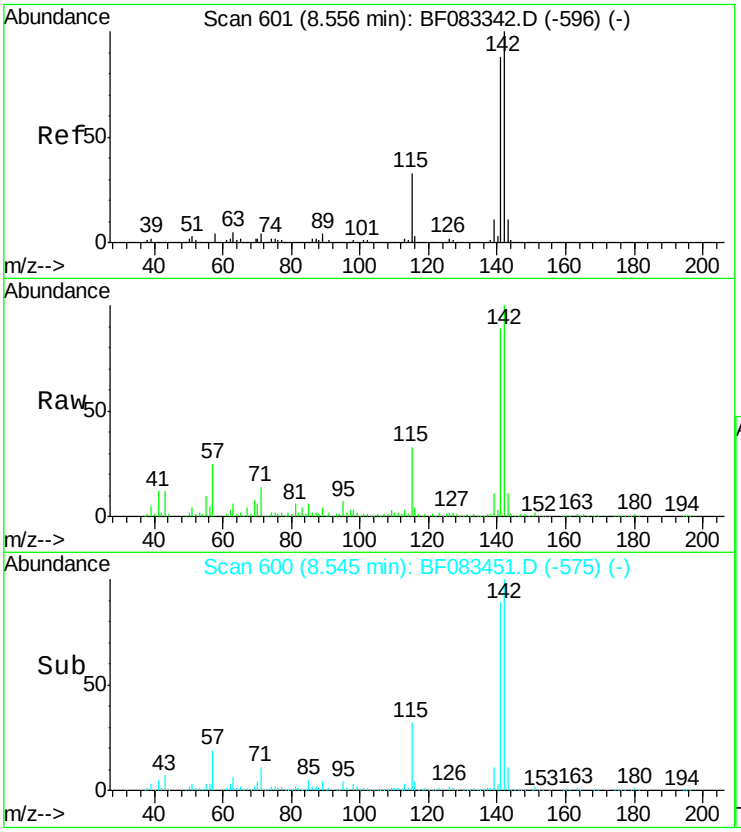


#35
Caprolactam
Concen: 6.49 ng
RT: 8.28 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Tgt Ion:113 Resp: 16145

Ion	Ratio	Lower	Upper
113	100		
55	536.6	211.6	251.6#
56	306.4	153.0	193.0#



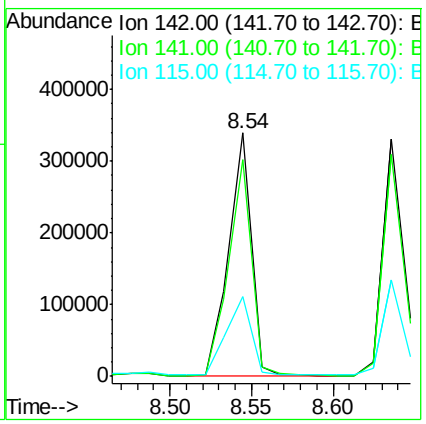


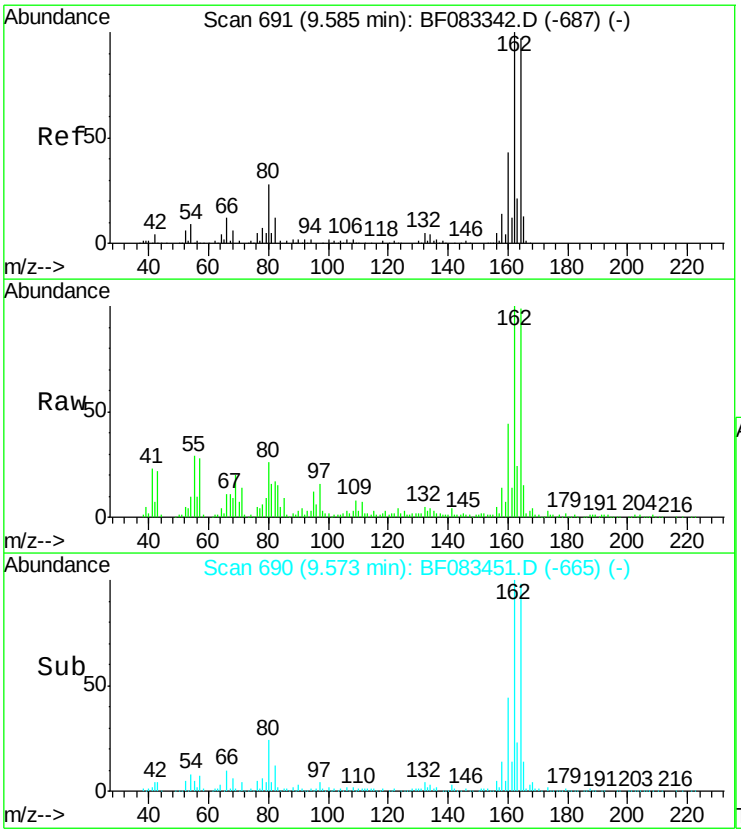
#37
2-Methylnaphthalene
Concen: 18.28 ng
RT: 8.54 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion:142 Resp: 326591

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.6	105.8
115	32.6	26.2	39.2

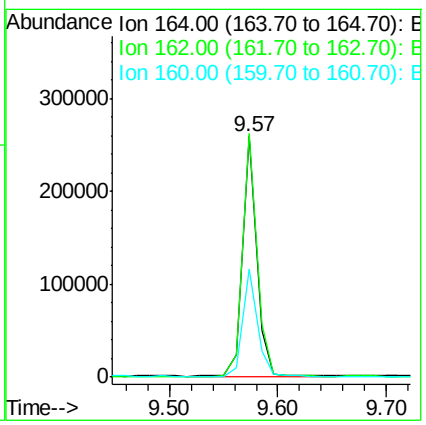


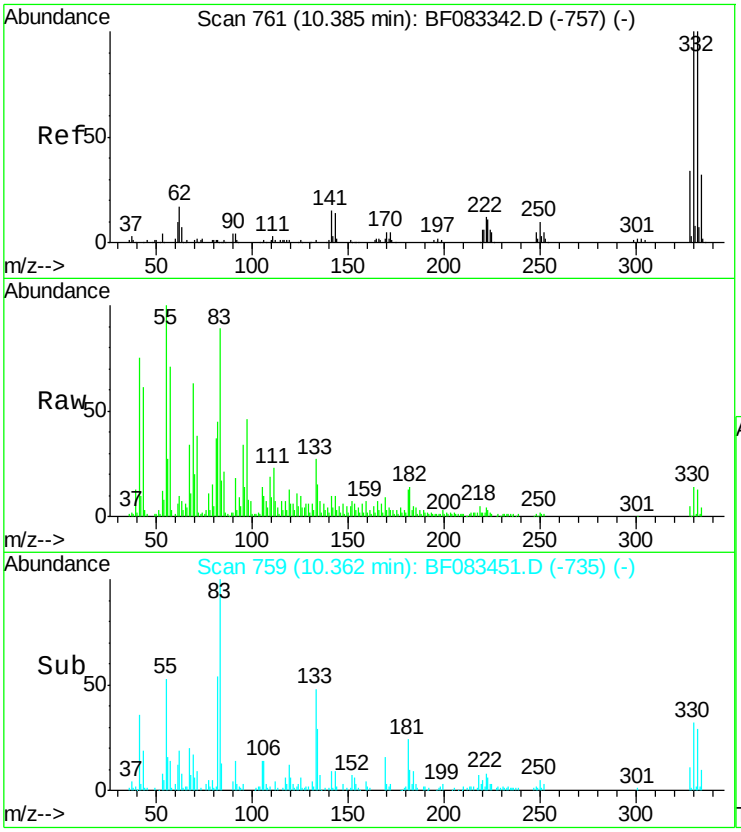


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Tgt Ion:164 Resp: 231148

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	123.8
160	44.7	35.3	52.9



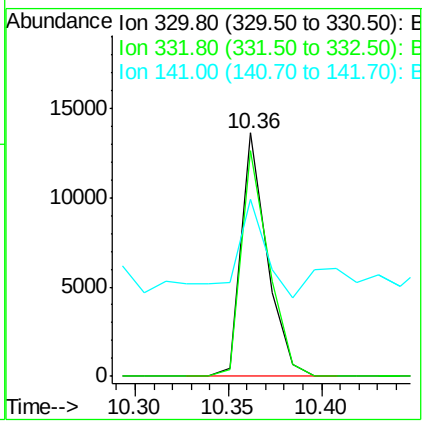


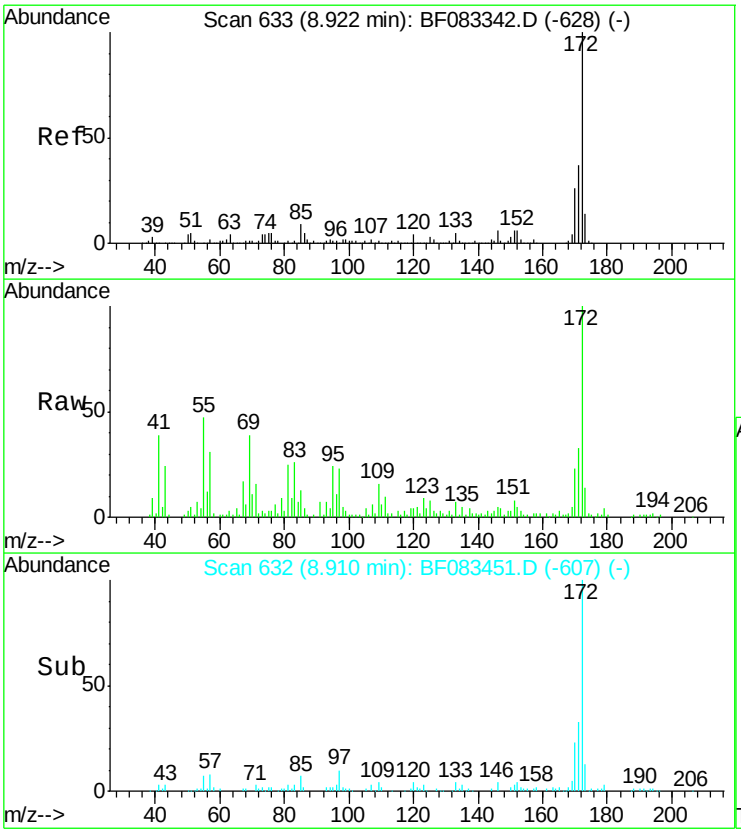
#41
2,4,6-Tribromophenol
Concen: 5.74 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion:330 Resp: 13311

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.8	116.6
141	40.9	29.4	44.0

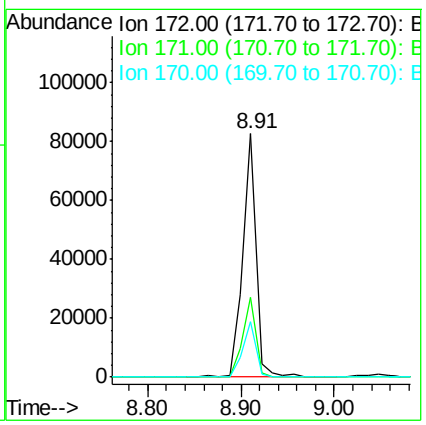


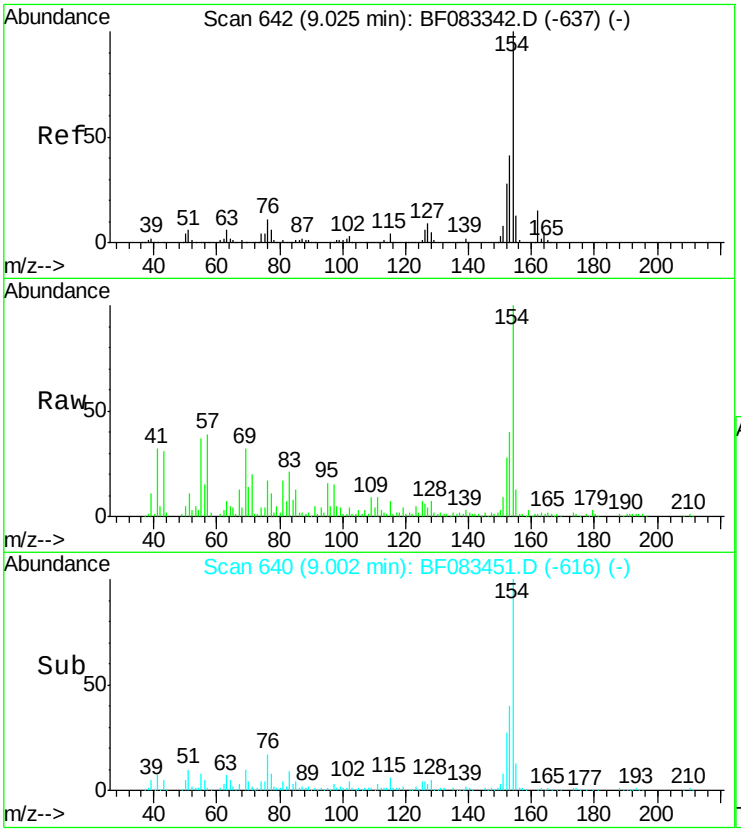


#44
2-Fluorobiphenyl
Concen: 5.08 ng
RT: 8.91 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Tgt Ion:172 Resp: 82466

Ion	Ratio	Lower	Upper
172	100		
171	33.0	29.4	44.0
170	23.0	20.4	30.6



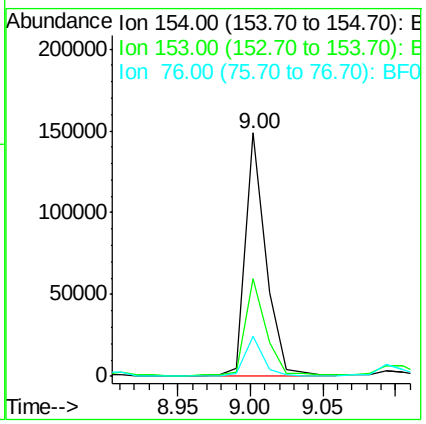


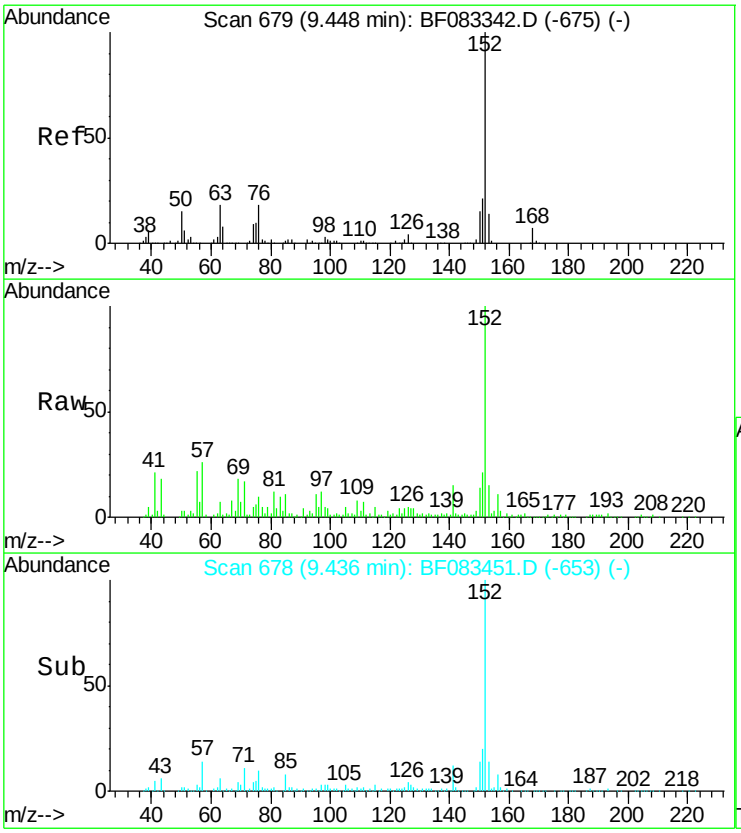
#45
1,1'-Biphenyl
Concen: 7.12 ng
RT: 9.00 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion:154 Resp: 144405

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	16.6	0.0	30.5

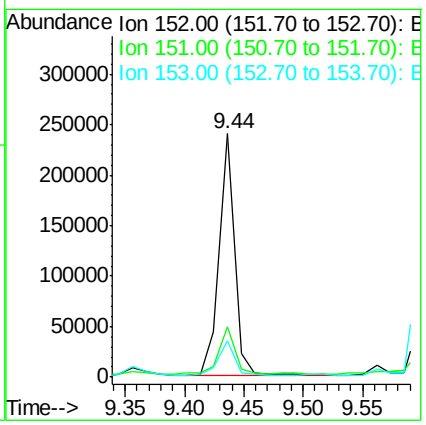


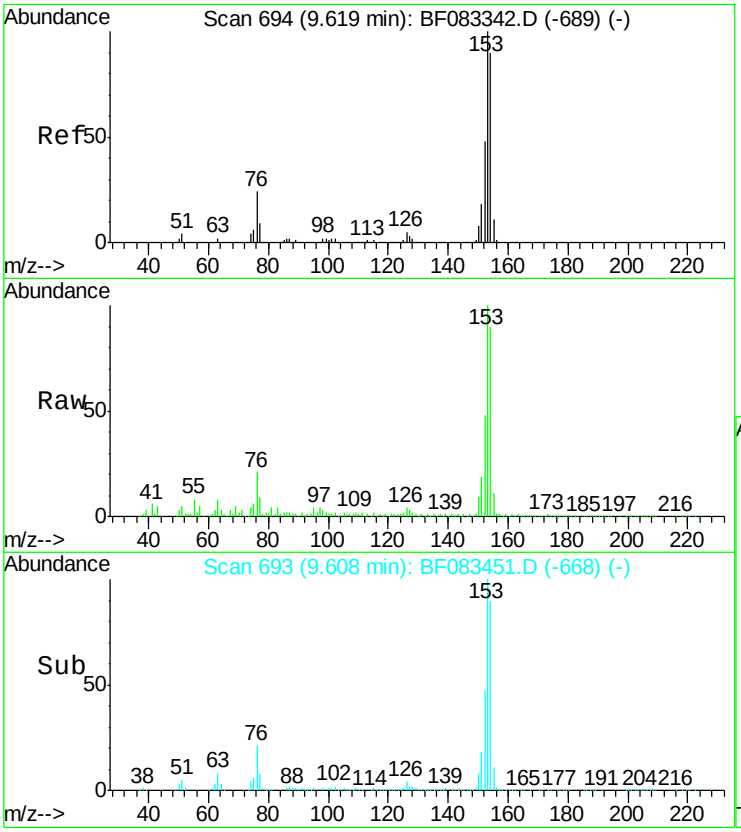


#48
Acenaphthylene
Concen: 8.73 ng
RT: 9.44 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Tgt Ion:152 Resp: 215134

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1
153	15.1	11.2	16.8



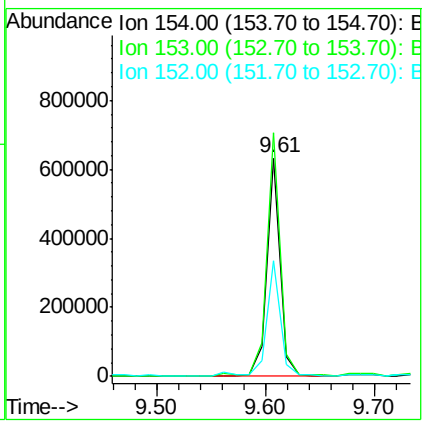


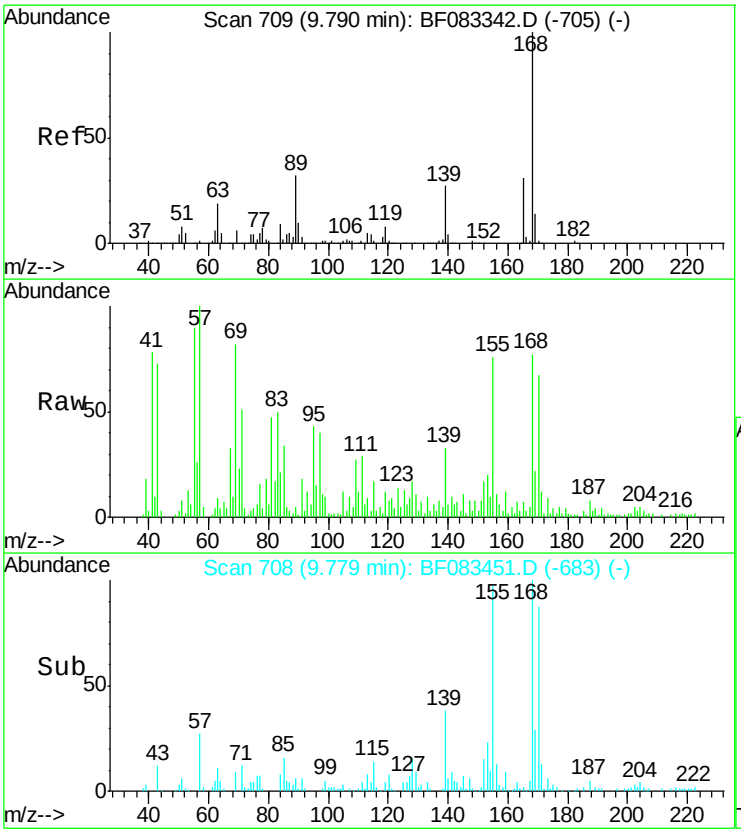
#51
Acenaphthene
Concen: 37.21 ng
RT: 9.61 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion:154 Resp: 539222

Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.3	133.9
152	53.0	42.5	63.7

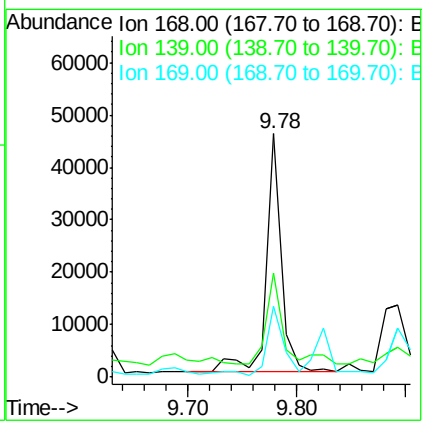


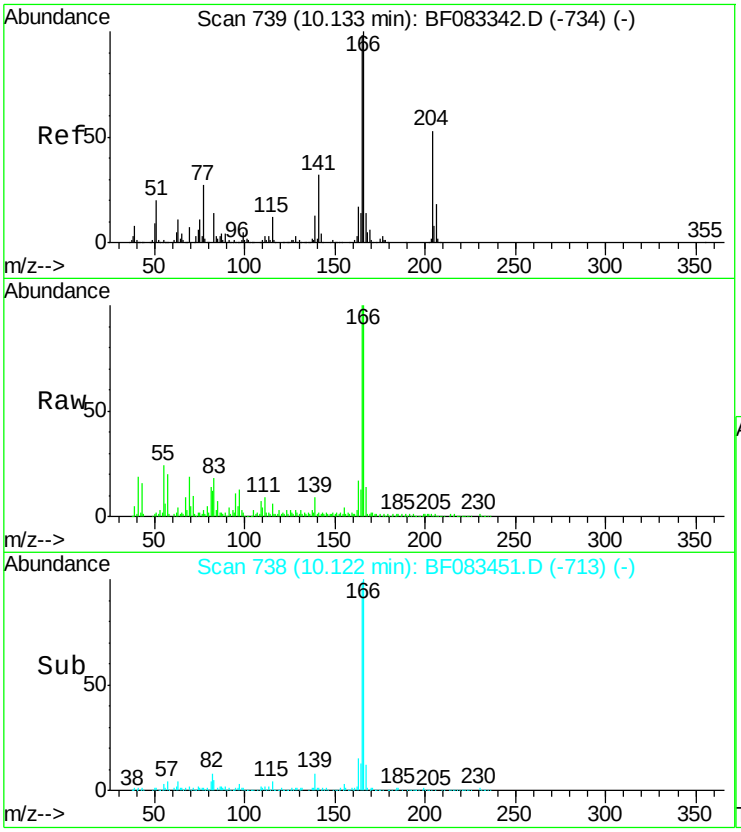


#54
Dibenzofuran
Concen: 2.07 ng
RT: 9.78 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Tgt Ion:168 Resp: 44042

Ion	Ratio	Lower	Upper
168	100		
139	42.6	32.7	49.1
169	29.3	11.1	16.7#



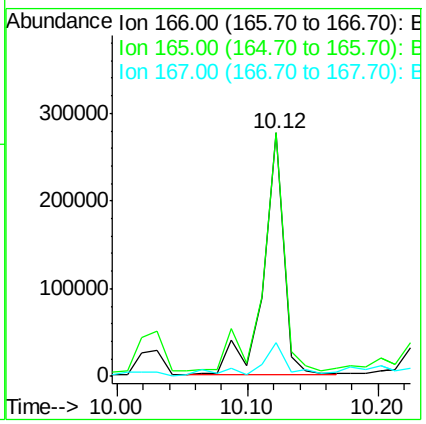


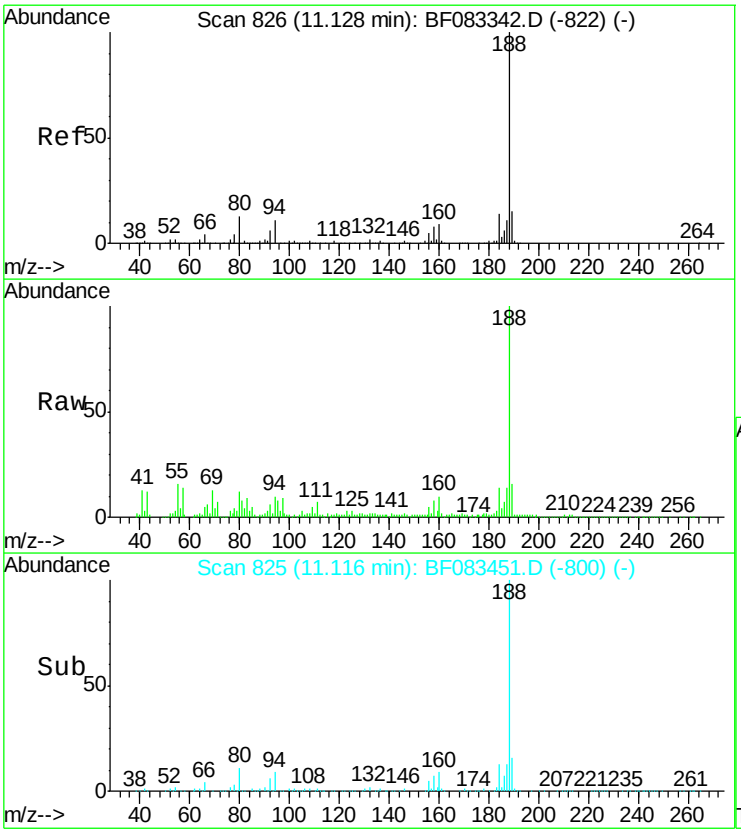
#57
Fluorene
Concen: 18.09 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion:166 Resp: 303307

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.3	117.5
167	13.7	11.1	16.7

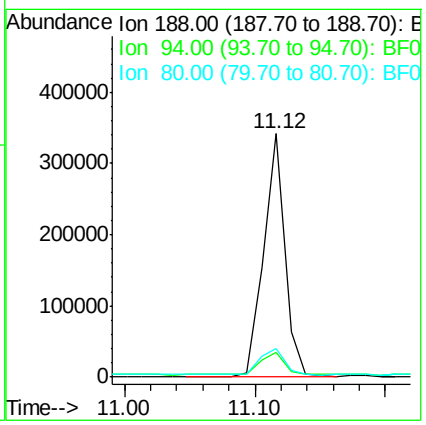


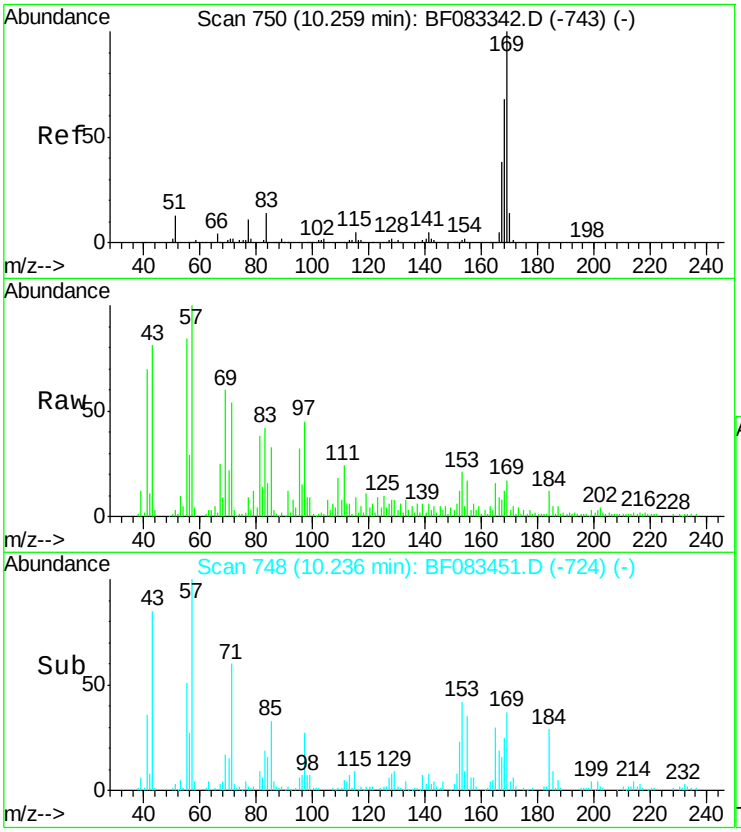


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Tgt Ion:188 Resp: 390115

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.7	13.1
80	11.7	10.3	15.5



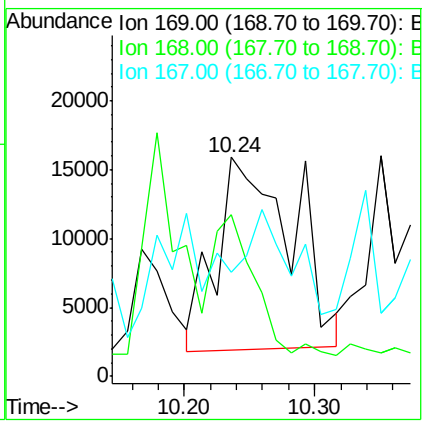


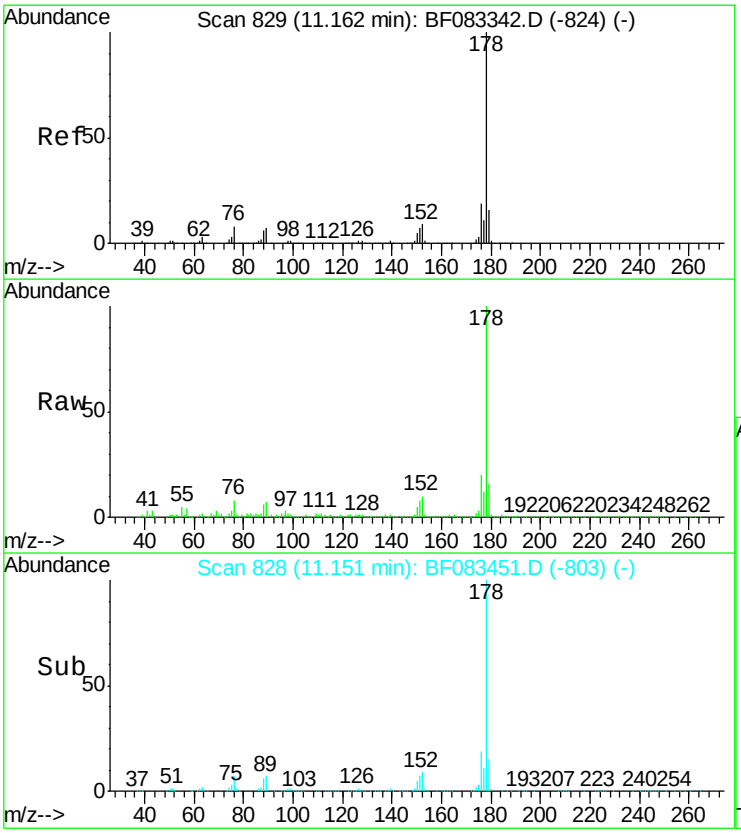
#65
n-Nitrosodiphenylamine
Concen: 4.13 ng
RT: 10.24 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion:169 Resp: 56616

Ion	Ratio	Lower	Upper
169	100		
168	74.0	54.8	82.2
167	47.7	30.2	45.2#

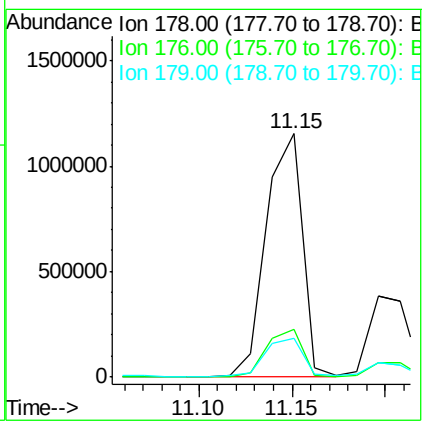


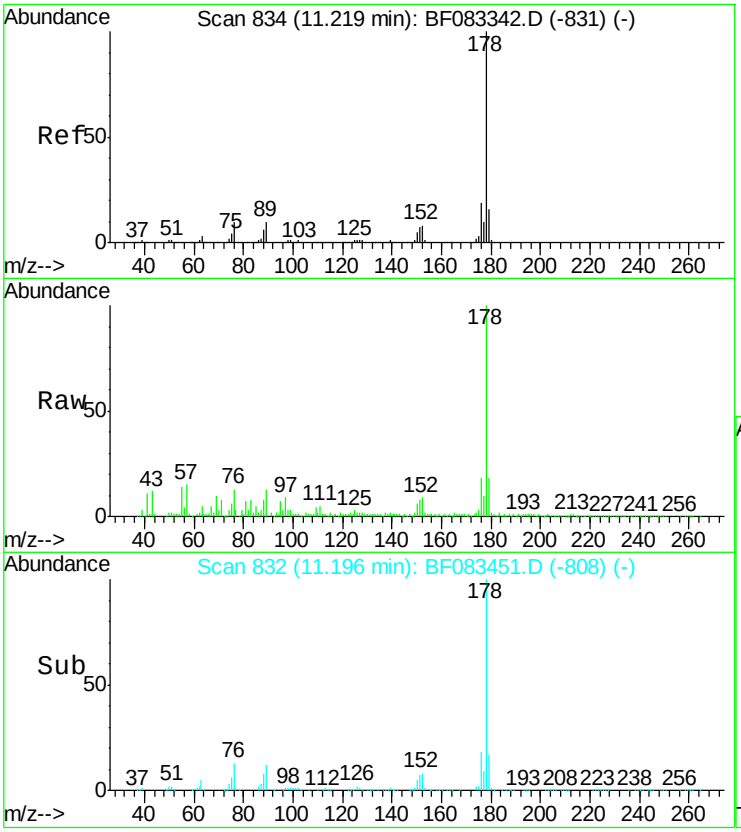


#70
Phenanthrene
Concen: 67.14 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Tgt Ion:178 Resp: 1550159

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.8	12.4	18.6



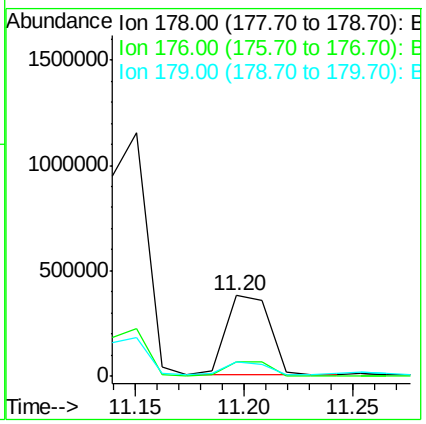


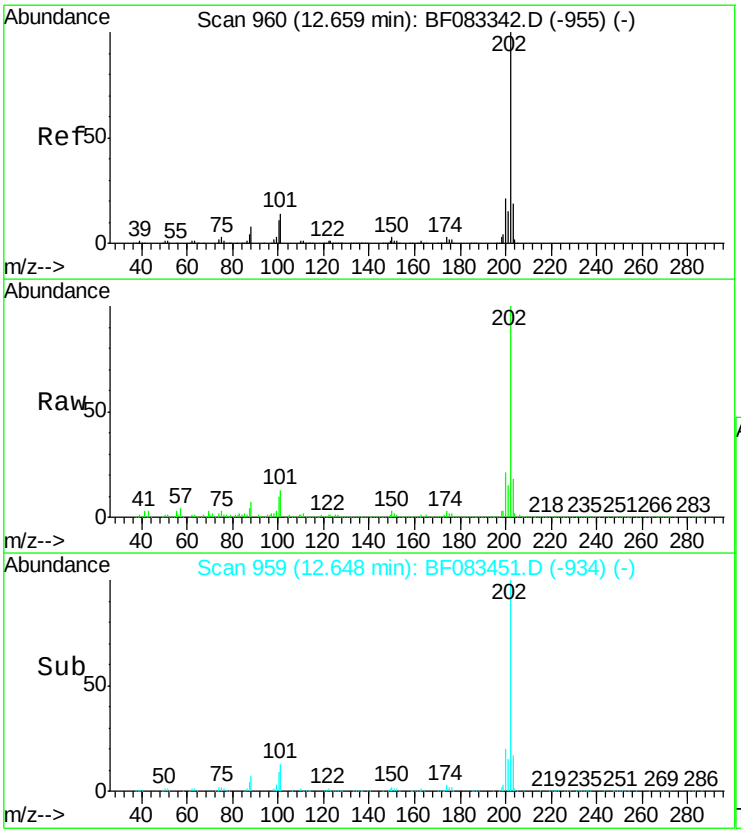
#71
Anthracene
Concen: 22.39 ng
RT: 11.20 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion:178 Resp: 520329

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	17.5	12.8	19.2

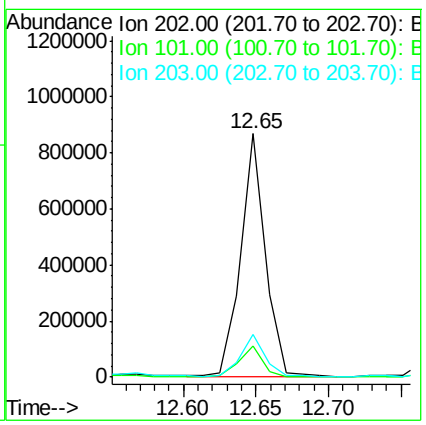


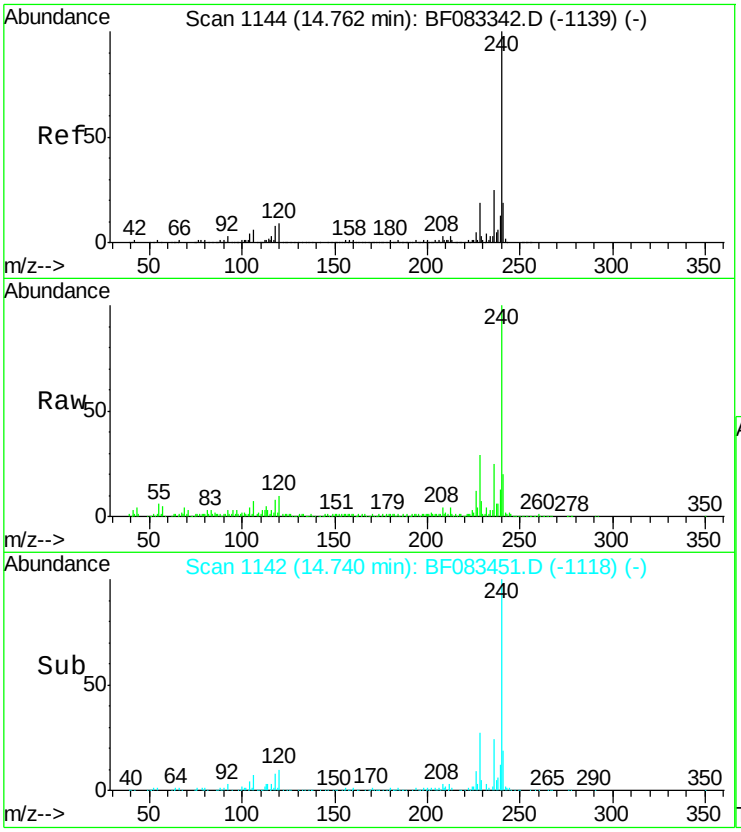


#74
Fluoranthene
Concen: 42.46 ng
RT: 12.65 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Tgt Ion:202 Resp: 1016101

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.5
203	17.6	0.0	38.7



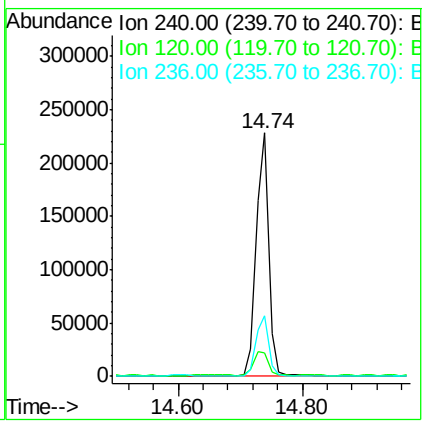


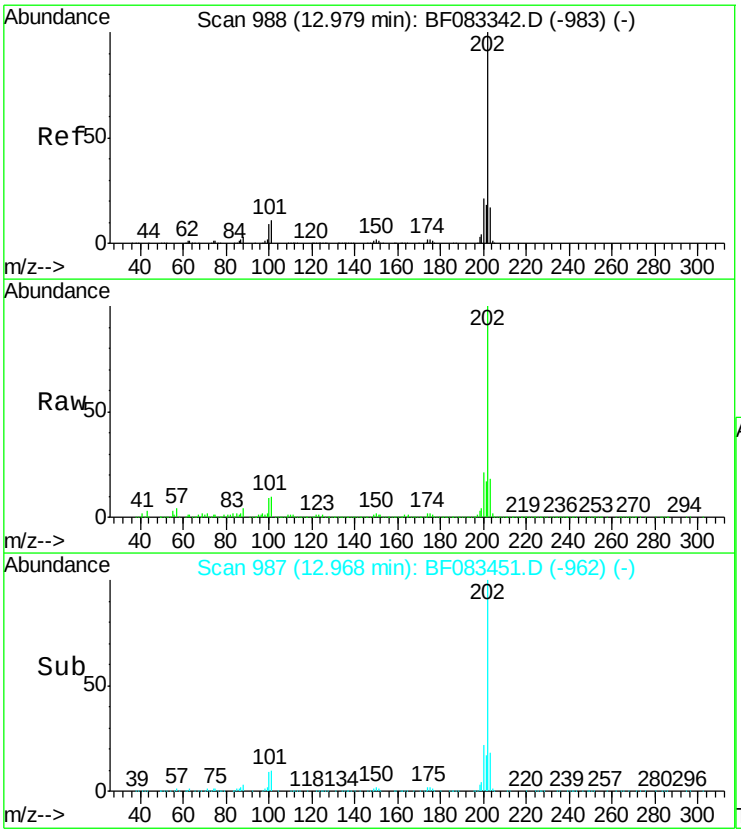
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.74 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion:240 Resp: 325980

Ion	Ratio	Lower	Upper
240	100		
120	9.9	6.9	10.3
236	24.8	19.8	29.6

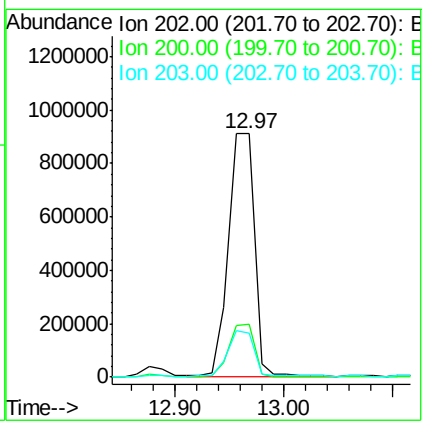


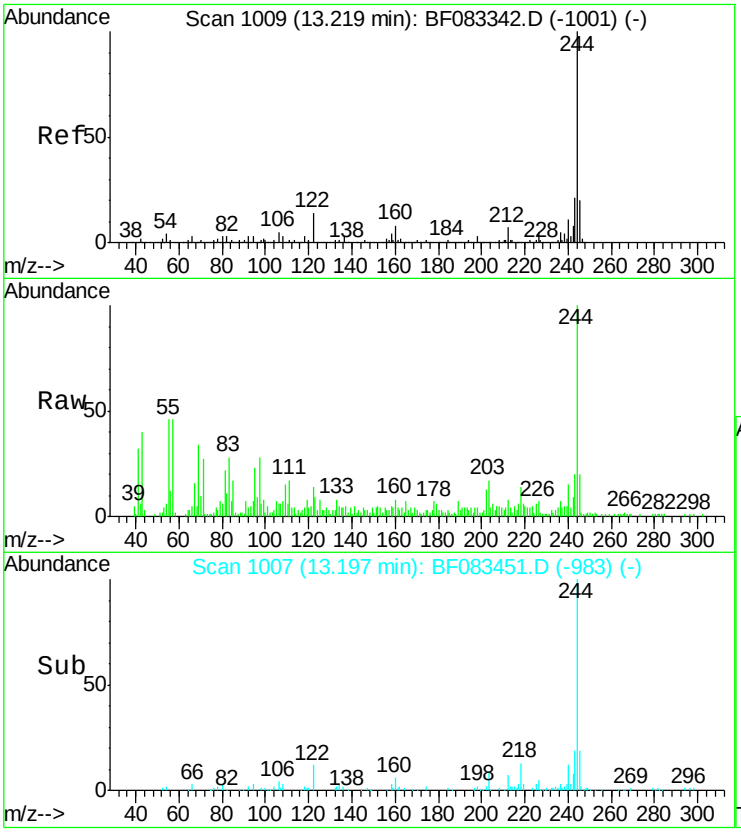


#77
Pyrene
Concen: 65.04 ng
RT: 12.97 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Tgt Ion:202 Resp: 1480602

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.1	13.9	20.9



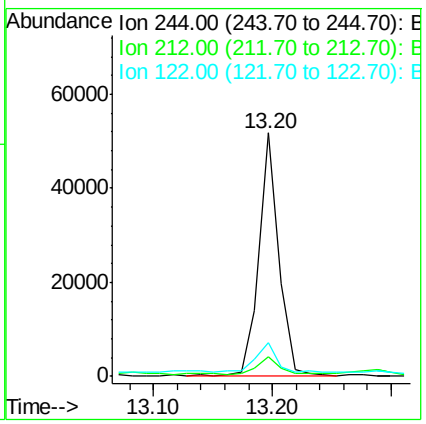


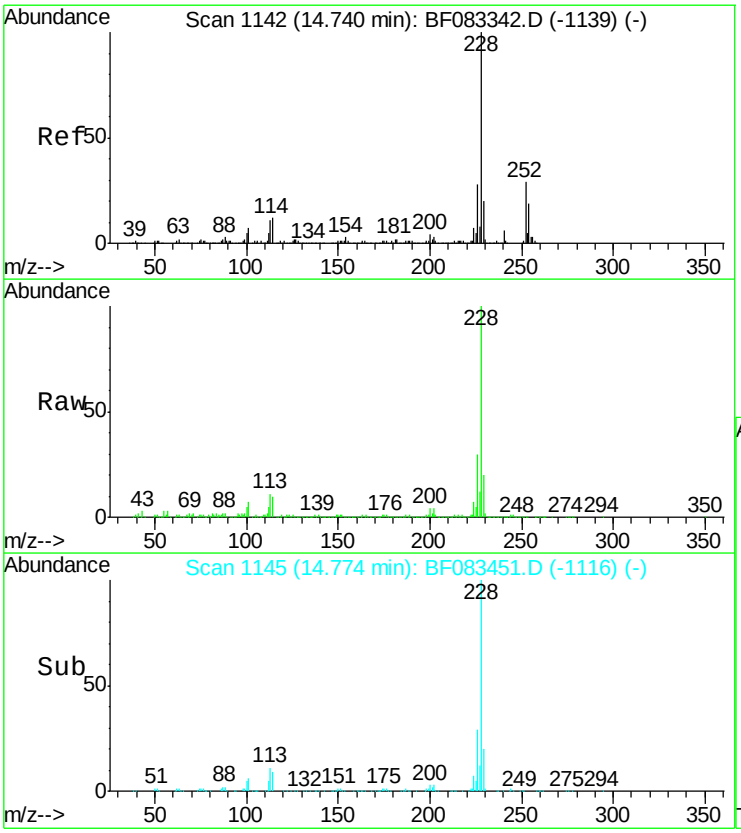
#78
Terphenyl-d14
Concen: 4.50 ng
RT: 13.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion:244 Resp: 61486

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	13.7	11.0	16.4

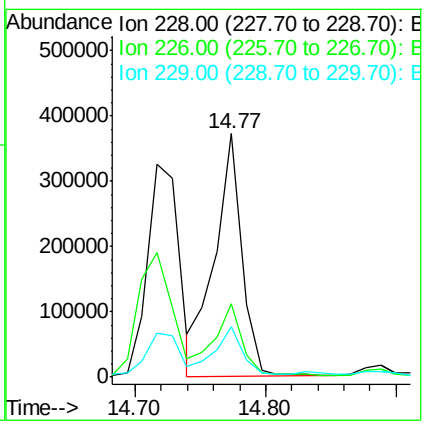


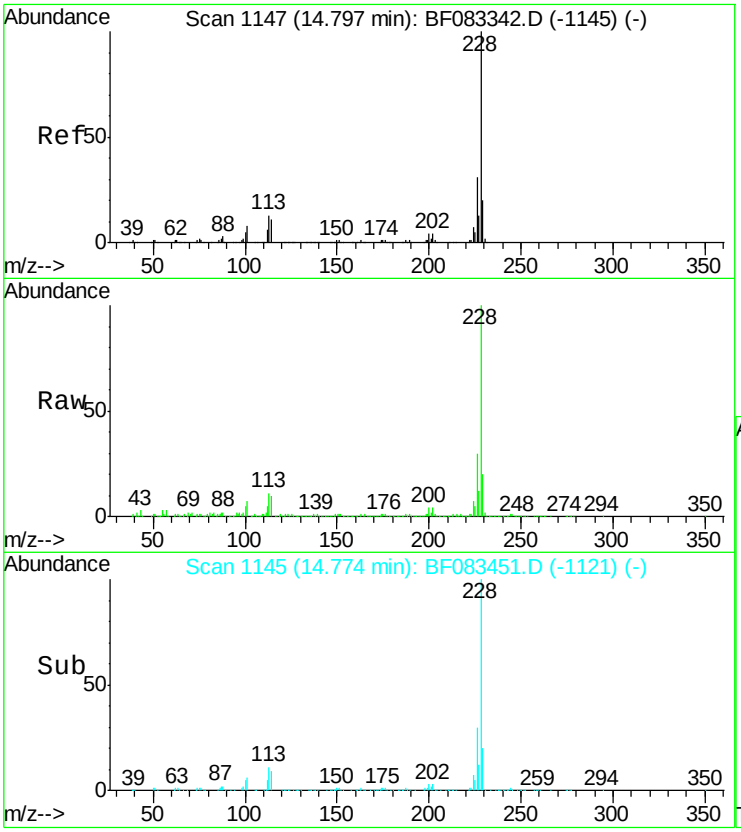


#80
Benzo(a)anthracene
Concen: 27.30 ng
RT: 14.77 min Scan# 1145
Delta R.T. 0.03 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Tgt Ion:228 Resp: 545165

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.2	33.4
229	20.4	16.1	24.1



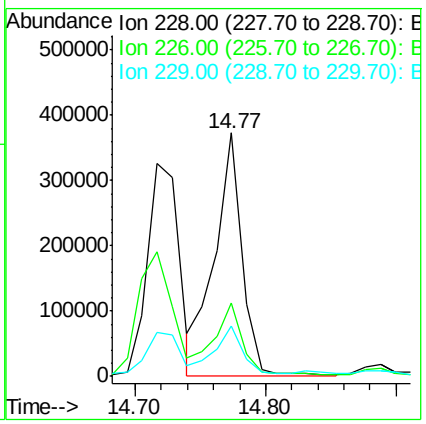


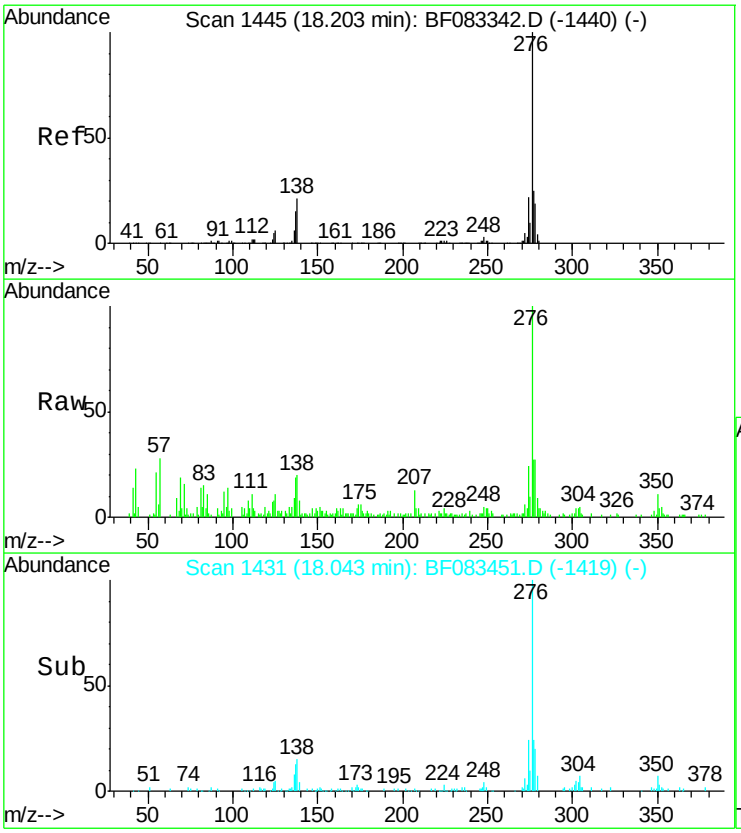
#82
Chrysene
Concen: 28.35 ng
RT: 14.77 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion:228 Resp: 546975

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	20.4	16.2	24.2

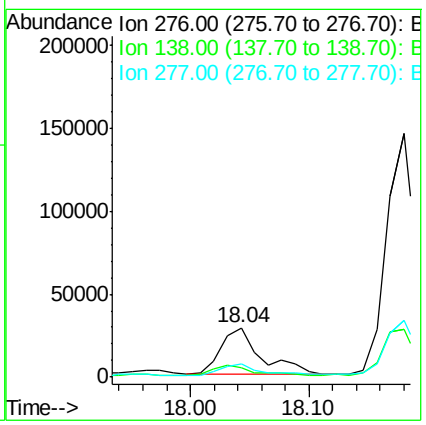


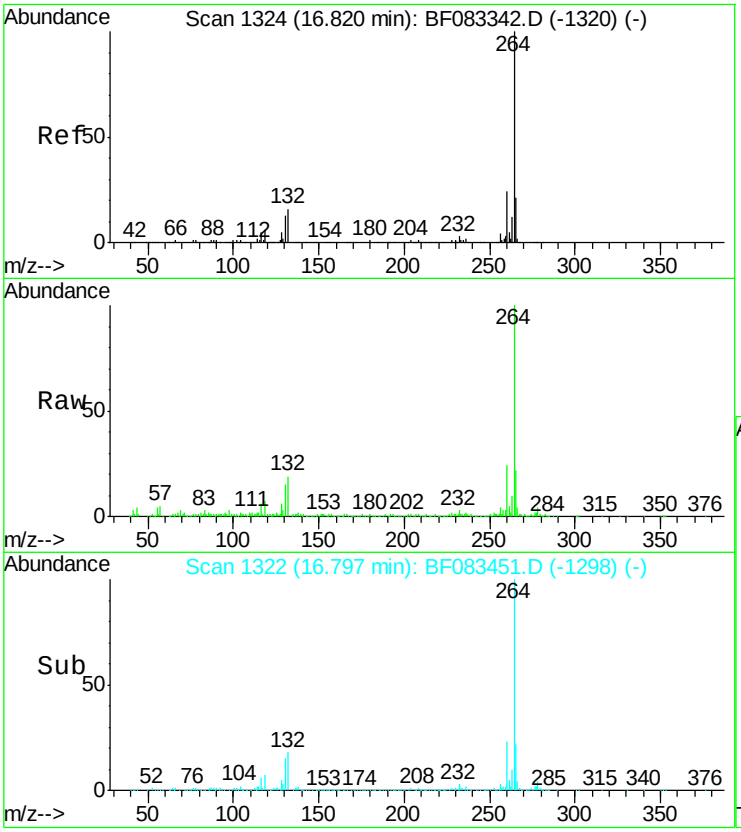


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.63 ng
RT: 18.04 min Scan# 1431
Delta R.T. -0.16 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Tgt Ion:276 Resp: 65040

Ion	Ratio	Lower	Upper
276	100		
138	22.6	21.2	31.8
277	28.4	20.0	30.0



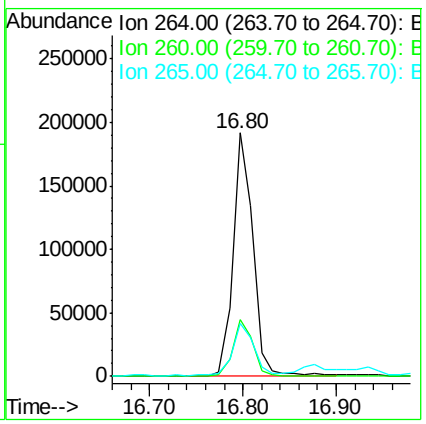


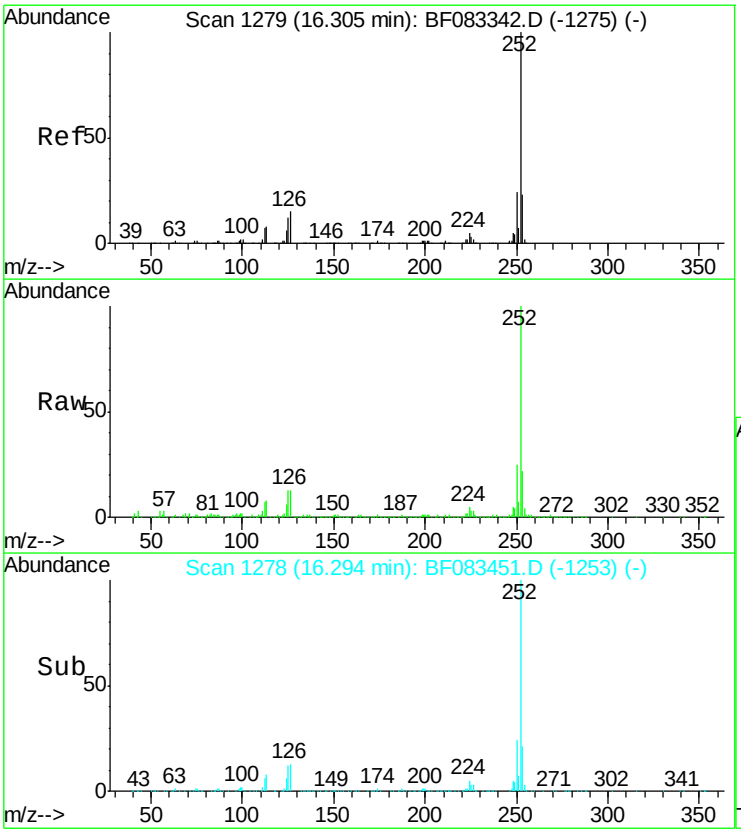
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.80 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion:264 Resp: 286839

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.9	16.8	25.2

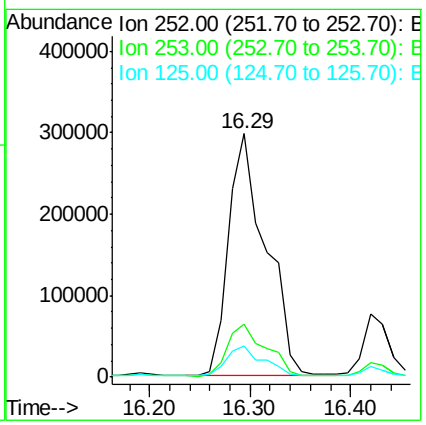


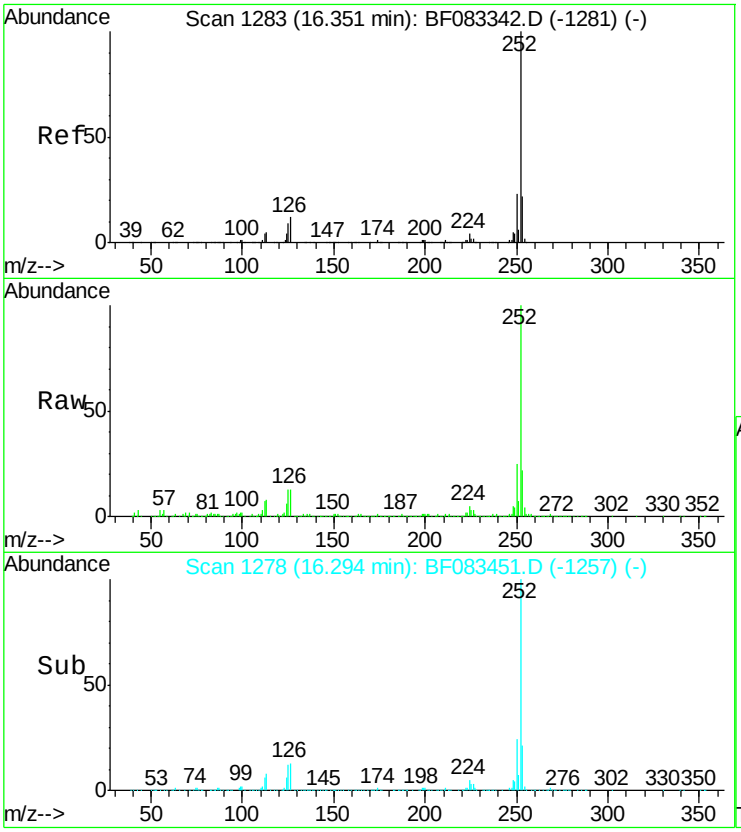


#87
Benzo(b)fluoranthene
Concen: 41.47 ng
RT: 16.29 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Tgt Ion:252 Resp: 763259

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	12.6	9.6	14.4



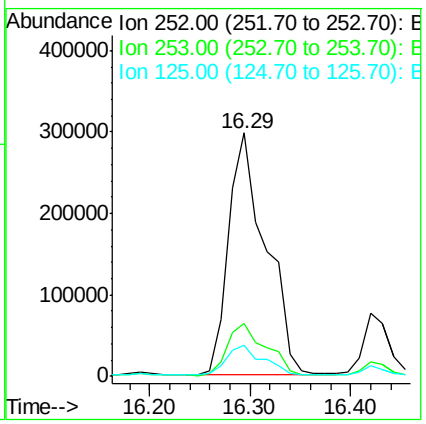


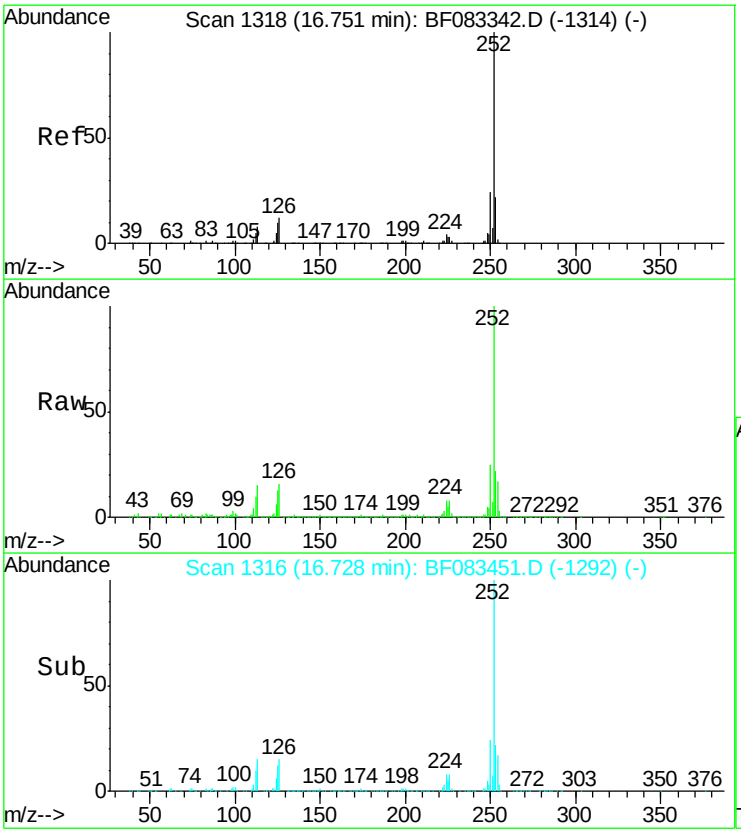
#88
Benzo(k)fluoranthene
Concen: 43.92 ng
RT: 16.29 min Scan# 1278
Delta R.T. -0.06 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion:252 Resp: 763259

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	12.6	7.5	11.3#

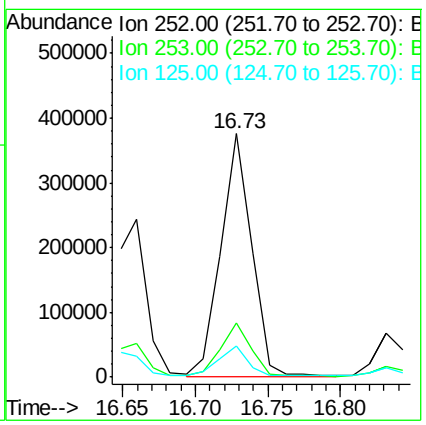


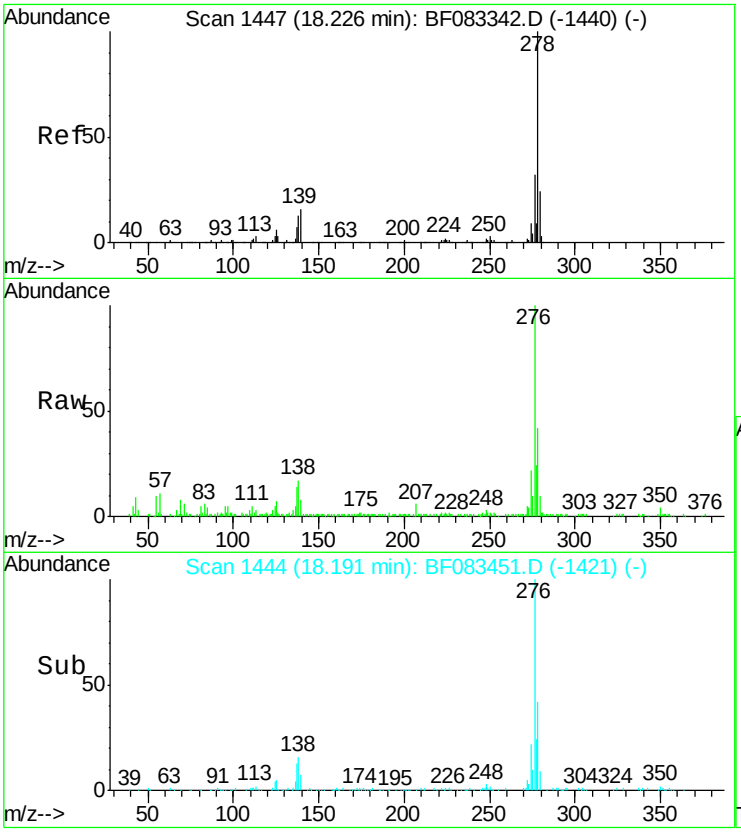


#89
Benzo(a)pyrene
Concen: 34.82 ng
RT: 16.73 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Tgt Ion:252 Resp: 550475

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	12.6	7.8	11.8#



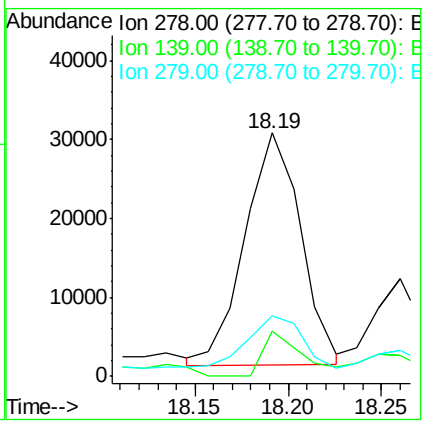


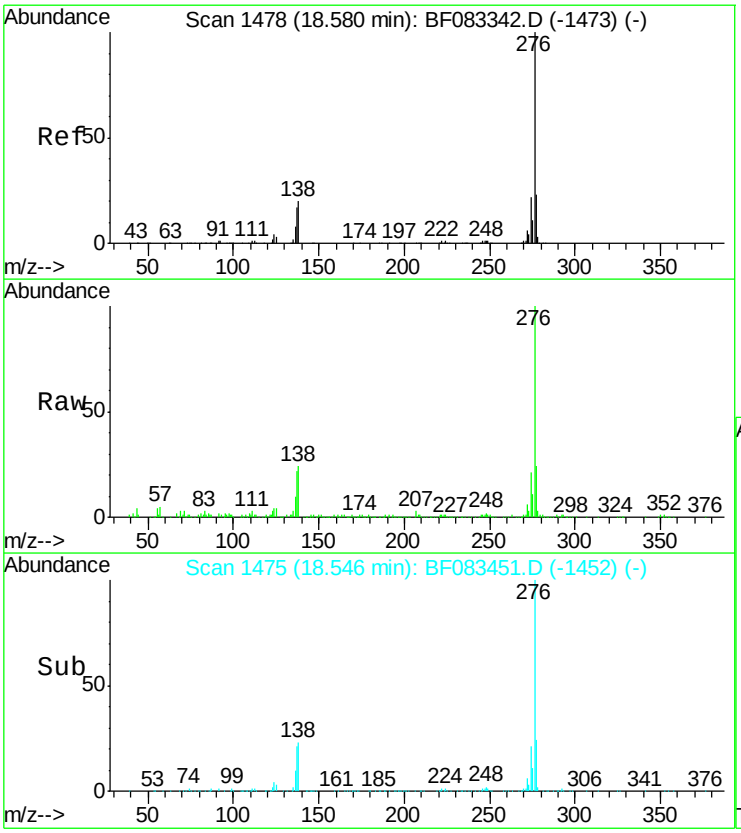
#90
Dibenzo(a,h)anthracene
Concen: 4.42 ng
RT: 18.19 min Scan# 1444
Delta R.T. -0.03 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion:278 Resp: 60944

Ion	Ratio	Lower	Upper
278	100		
139	18.4	13.1	19.7
279	24.7	19.2	28.8





#91
Benzo(g,h,i)perylene
Concen: 21.69 ng
RT: 18.55 min Scan# 1475
Delta R.T. -0.03 min
Lab File: BF083451.D
Acq: 3 Dec 2015 8:56

Tgt Ion:276 Resp: 293182

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	23.5	16.1	24.1