Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
Data File : BF083656.D
Acq On : 9 Dec 2015 23:31
Operator : UM/IZ
Sample : G4585-06DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-16(0-4)DL

Quant Time: Dec 10 00:41:54 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	169953	20.00	ng		-0.02
21) Naphthalene-d8	7.57	136	660801	20.00	ng		-0.03
38) Acenaphthene-d10	10.36	164	309272	20.00	ng		-0.02
63) Phenanthrene-d10	12.76	188	489981	20.00	ng		-0.02
75) Chrysene-d12	16.98	240	363521	20.00	ng		-0.01
86) Perylene-d12	18.63	264	337672	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.96	112	282484	25.21	ng		-0.01
7) Phenol-d6	5.25	99	425887	28.45	ng		-0.02
23) Nitrobenzene-d5	6.51	82	268591	18.97	ng		-0.02
41) 2,4,6-Tribromophenol	11.65	330	52886	19.19	ng		-0.03
44) 2-Fluorobiphenyl	9.31	172	447472	20.36	ng		-0.03
78) Terphenyl-d14	15.39	244	302179	19.56	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	7.61	128	1442614	41.22	ng		99
32) Benzoic acid	7.61	122	3267	3.48	ng	#	1
33) 4-Chloroaniline	7.61	127	192256	15.06	ng	#	28
37) 2-Methylnaphthalene	8.72	142	203006	9.23	ng		98
45) 1,1'-Biphenyl	9.47	154	76960	2.86	ng		96
48) Acenaphthylene	10.13	152	84954	2.54	ng		97
49) Dimethylphthalate	10.01	163	56538	2.30	ng		98
51) Acenaphthene	10.42	154	498734	26.03	ng		99
54) Dibenzofuran	10.70	168	314408	11.83	ng		99
55) 4-Nitrophenol	10.70	139	113277	47.63	ng	#	6
57) Fluorene	11.25	166	475262	20.50	ng		99
70) Phenanthrene	12.82	178	3608784	128.19	ng		97
71) Anthracene	12.89	178	1317752	45.19	ng		99
72) Carbazole	13.19	167	528270	21.12	ng		99
74) Fluoranthene	14.75	202	4052895	140.73	ng		97
77) Pyrene	15.11	202	3505340	133.94	ng		94
80) Benzo(a)anthracene	16.97	228	1949336	91.62	ng		95
82) Chrysene	17.01	228	1565868	73.41	ng		99
85) Indeno(1,2,3-cd)pyrene	19.85	276	959189	66.63	ng	#	100
87) Benzo(b)fluoranthene	18.35	252	344751	17.93	ng		98
88) Benzo(k)fluoranthene	18.25	252	2696060	127.25	ng		99
89) Benzo(a)pyrene	18.57	252	1531791	81.64	ng		97
90) Dibenzo(a,h)anthracene	20.00	278	171898	11.98	ng		97
91) Benzo(g,h,i)perylene	20.20	276	899323	64.29	ng		99

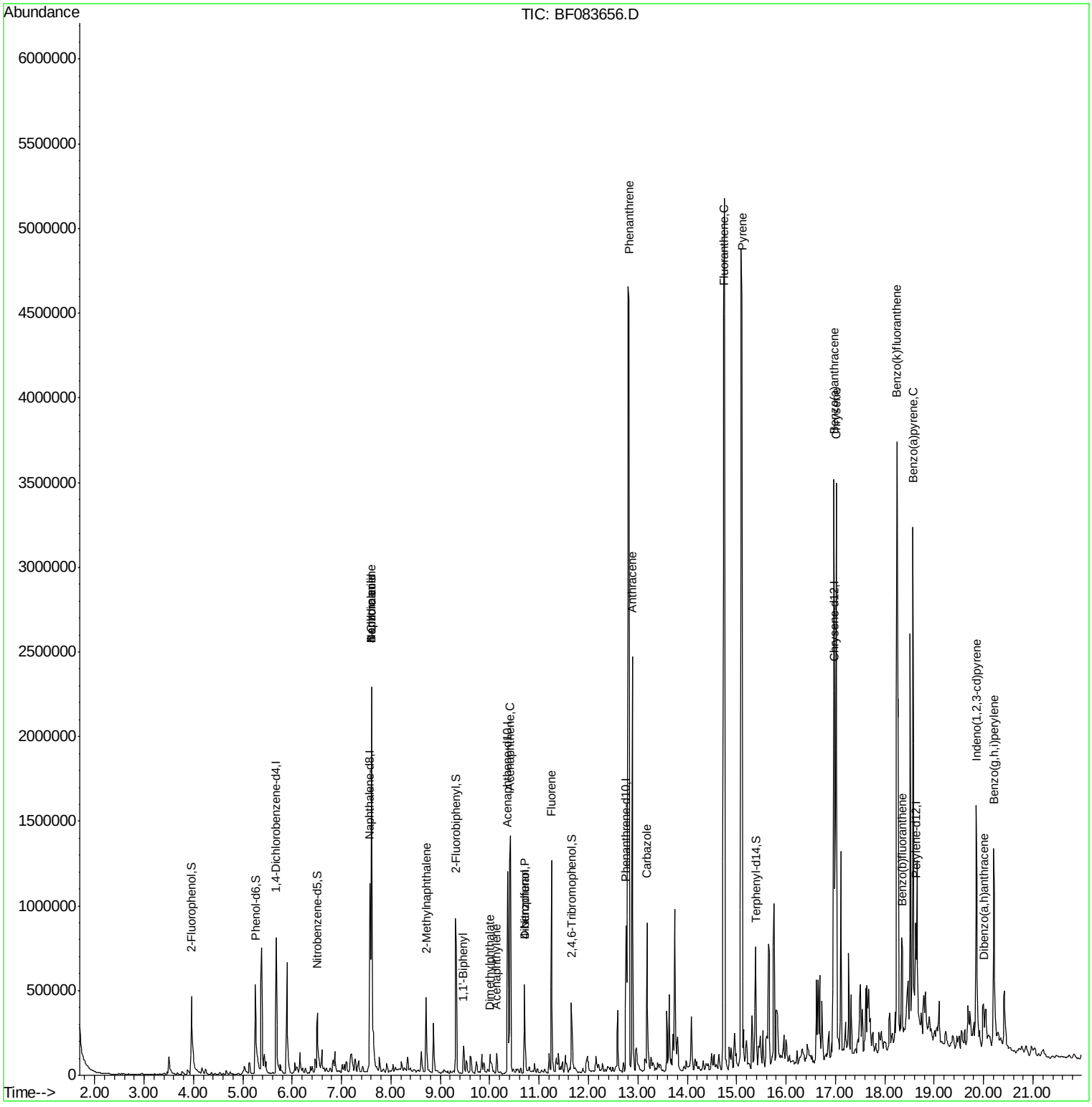
(#) = qualifier out of range (m) = manual integration (+) = signals summed

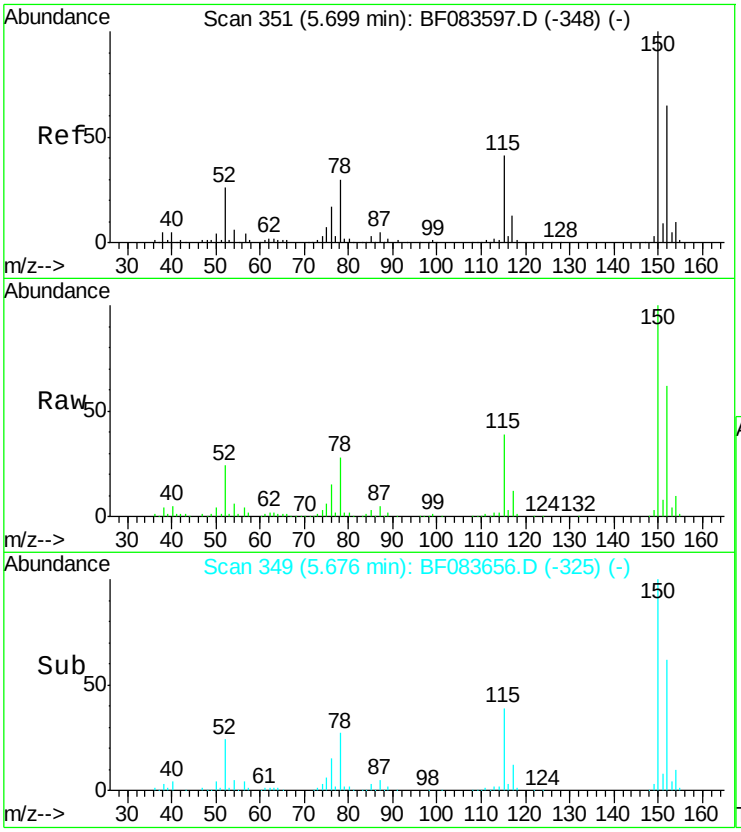
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
Data File : BF083656.D
Acq On : 9 Dec 2015 23:31
Operator : UM/IZ
Sample : G4585-06DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Quant Time: Dec 10 00:41:54 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



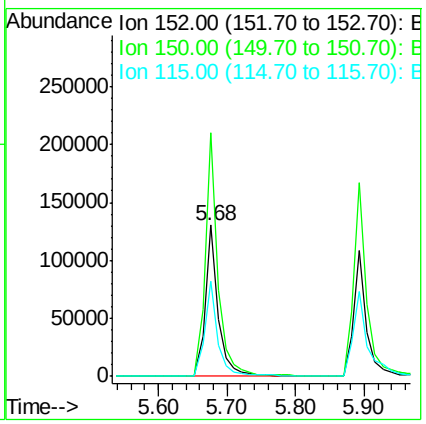


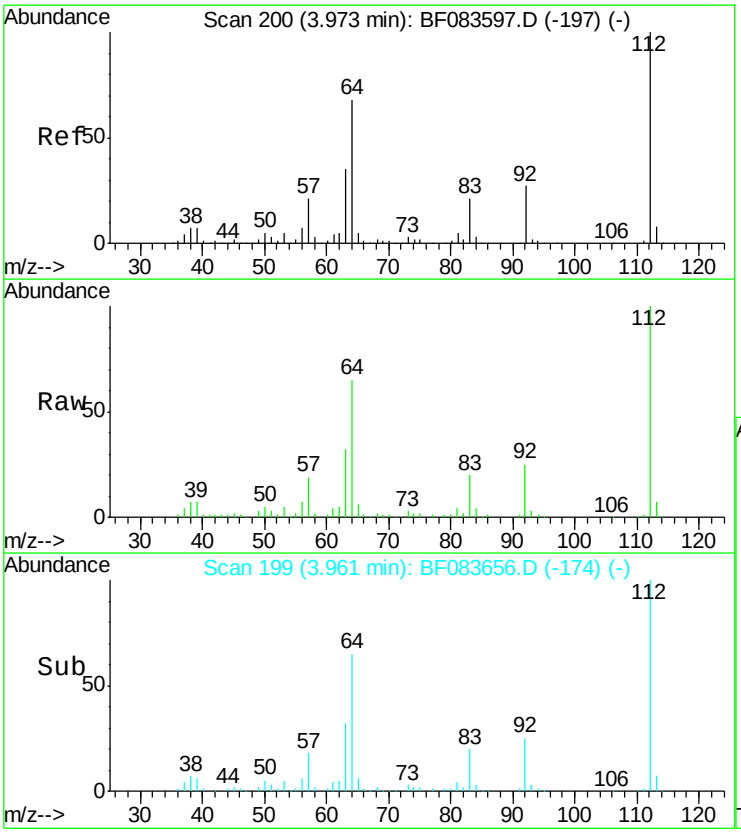
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.68 min Scan# 349
Delta R.T. -0.02 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Tgt Ion:152 Resp: 169953

Ion	Ratio	Lower	Upper
152	100		
150	161.4	126.5	189.7
115	63.0	52.3	78.5

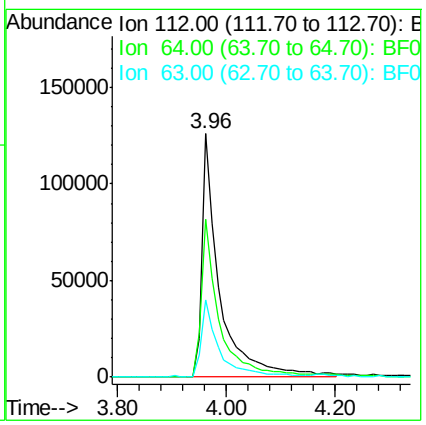


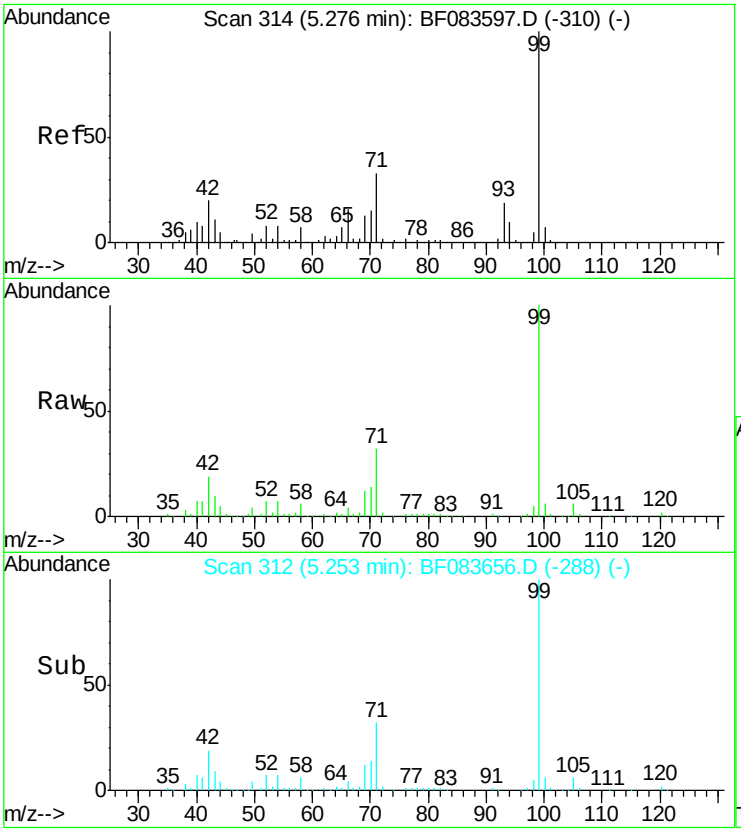


#5
2-Fluorophenol
Concen: 25.21 ng
RT: 3.96 min Scan# 199
Delta R.T. -0.01 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Tgt Ion:112 Resp: 282484

Ion	Ratio	Lower	Upper
112	100		
64	64.8	50.5	75.7
63	31.9	25.8	38.6



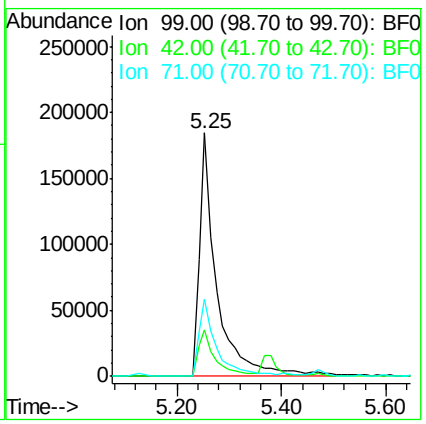


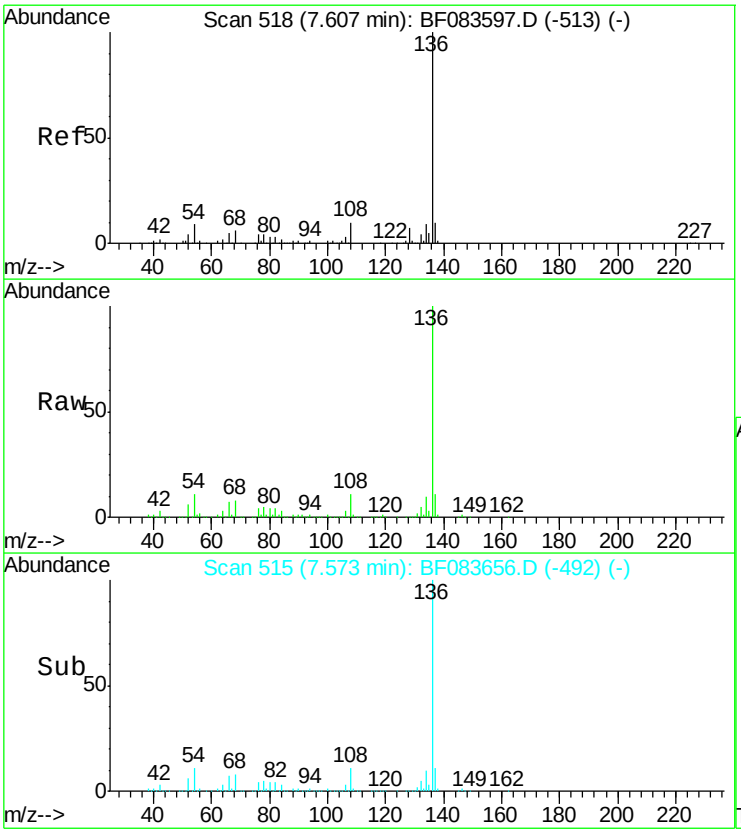
#7
Phenol-d6
Concen: 28.45 ng
RT: 5.25 min Scan# 312
Delta R.T. -0.02 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Tgt Ion: 99 Resp: 425887

Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.3	25.9
71	31.8	26.6	40.0

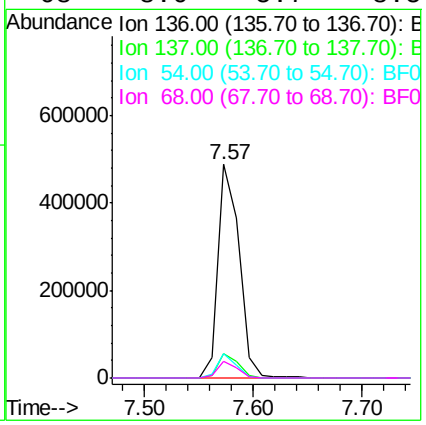


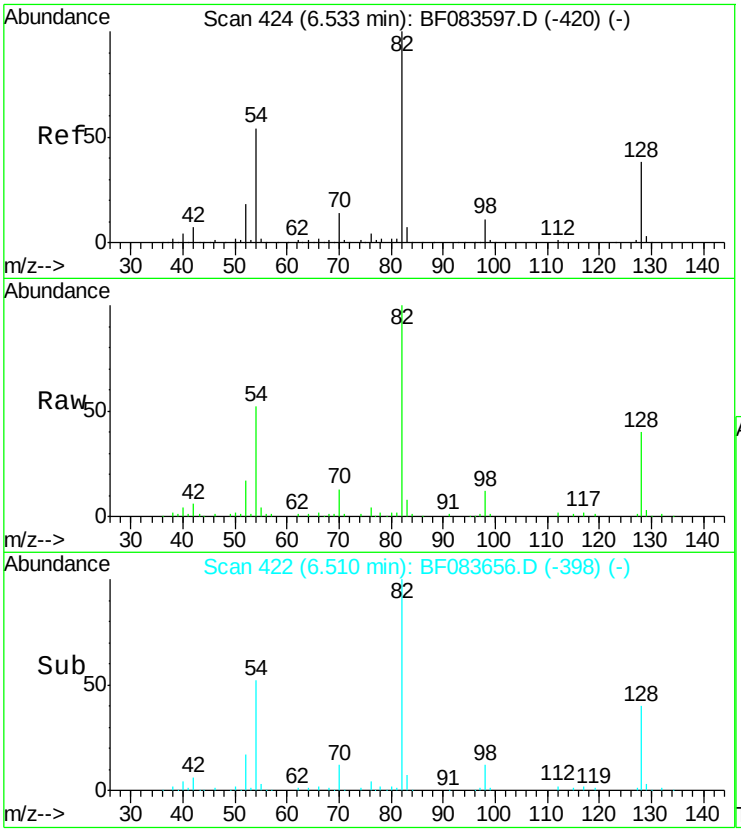


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.57 min Scan# 515
Delta R.T. -0.03 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Tgt Ion:136 Resp: 660801

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	11.4	7.8	11.6
68	8.0	5.7	8.5



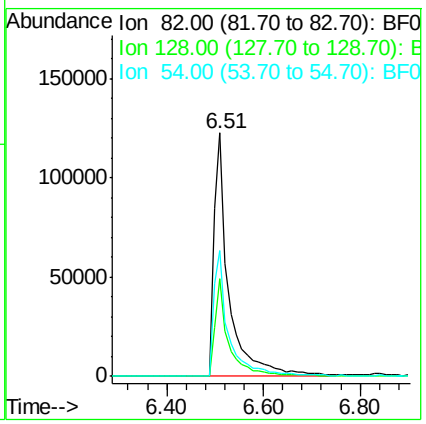


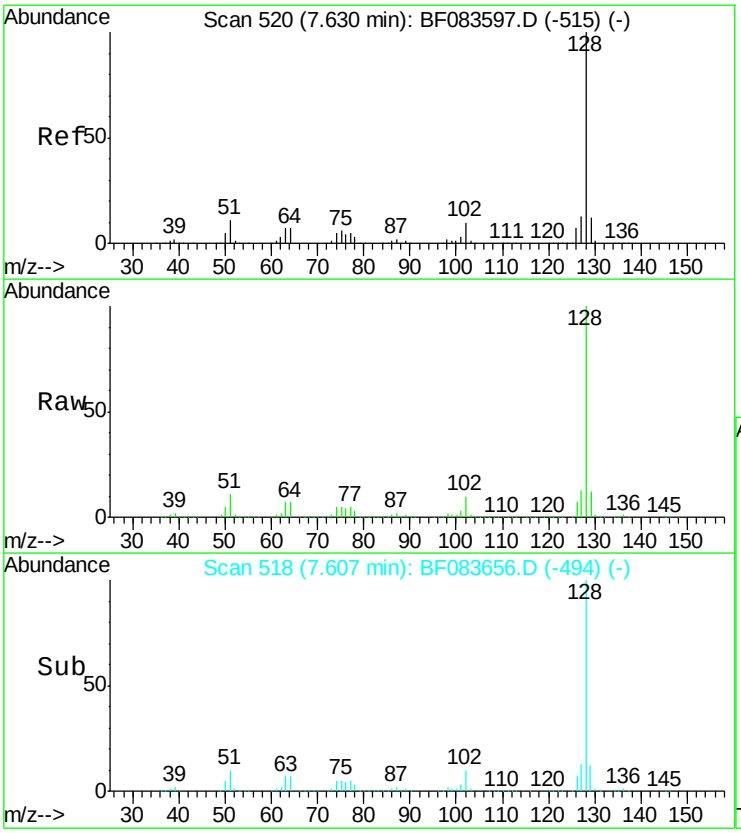
#23
Nitrobenzene-d5
Concen: 18.97 ng
RT: 6.51 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Tgt Ion: 82 Resp: 268591

Ion	Ratio	Lower	Upper
82	100		
128	40.2	30.7	46.1
54	51.6	42.5	63.7

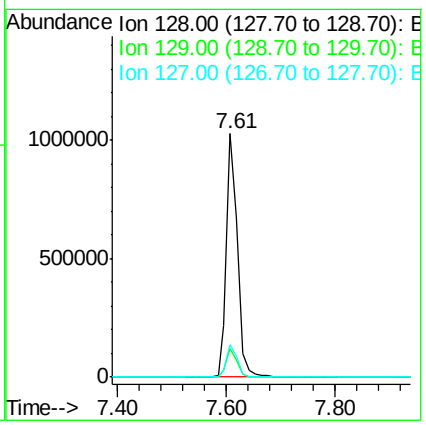


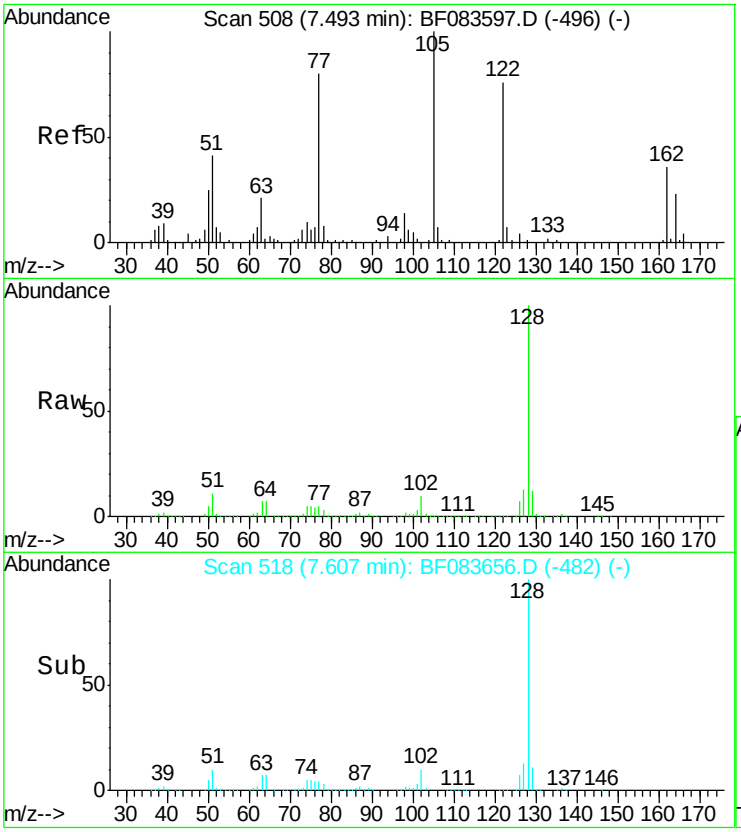


#31
Naphthalene
Concen: 41.22 ng
RT: 7.61 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Tgt Ion:128 Resp: 1442614

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	13.3	10.6	16.0



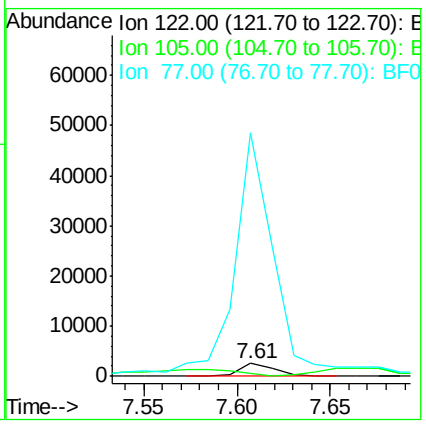


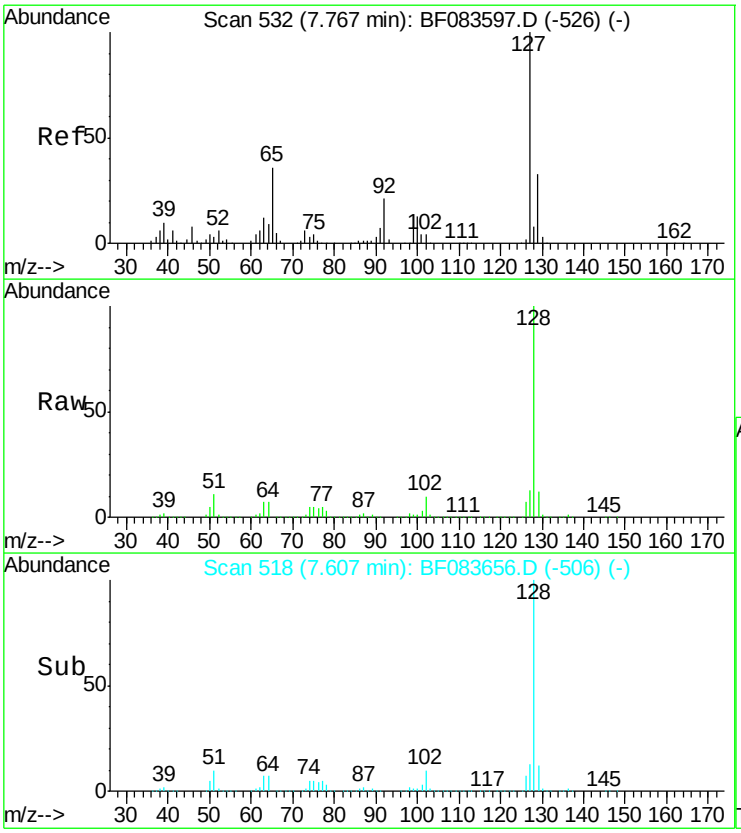
#32
Benzoic acid
Concen: 3.48 ng
RT: 7.61 min Scan# 518
Delta R.T. 0.12 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Tgt Ion:122 Resp: 3267

Ion	Ratio	Lower	Upper
122	100		
105	26.5	105.6	145.6#
77	1922.9	86.8	126.8#

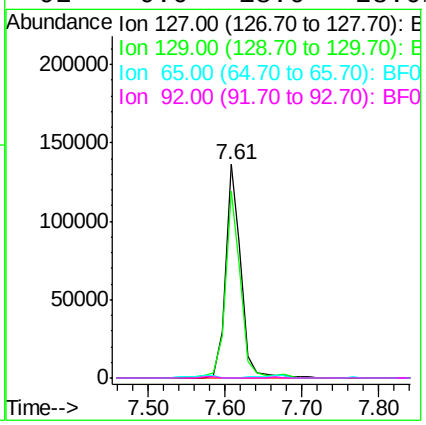


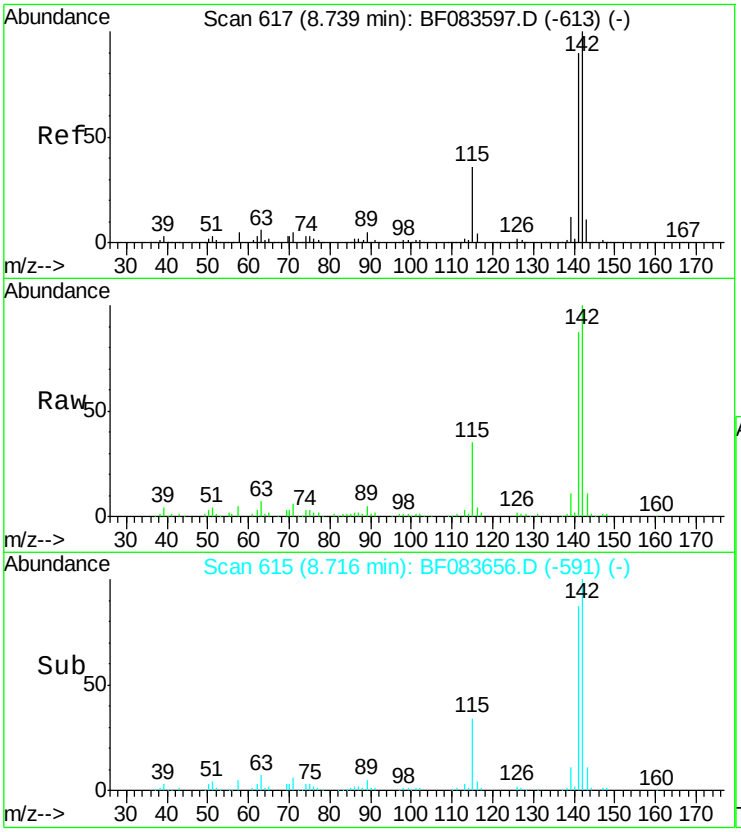


#33
4-Chloroaniline
Concen: 15.06 ng
RT: 7.61 min Scan# 518
Delta R.T. -0.16 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Tgt Ion:127 Resp: 192256

Ion	Ratio	Lower	Upper
127	100		
129	87.3	26.1	39.1#
65	0.0	33.5	50.3#
92	0.0	18.6	28.0#



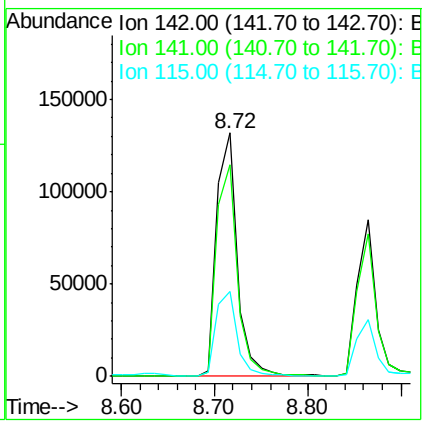


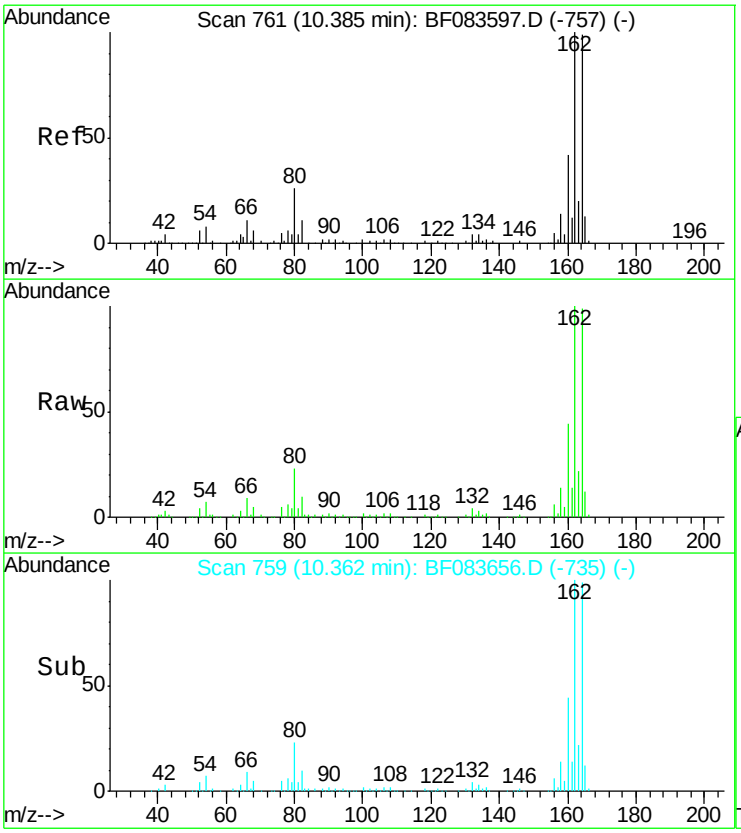
#37
2-Methylnaphthalene
Concen: 9.23 ng
RT: 8.72 min Scan# 615
Delta R.T. -0.02 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Tgt Ion:142 Resp: 203006

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.3	105.5
115	34.8	29.2	43.8

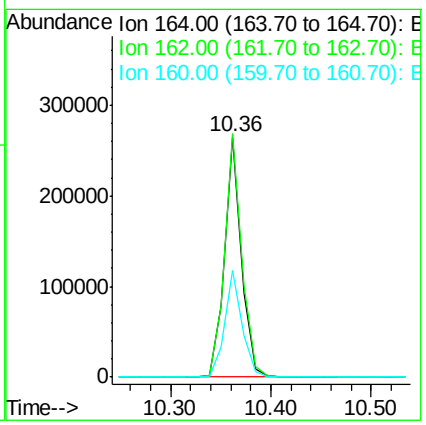


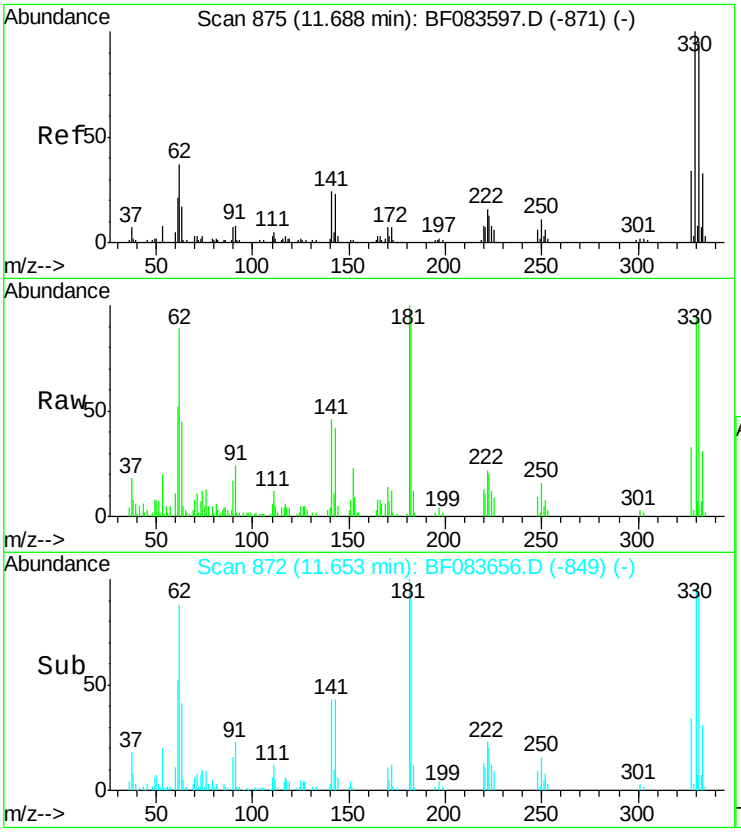


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Tgt Ion:164 Resp: 309272

Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	44.6	33.4	50.2



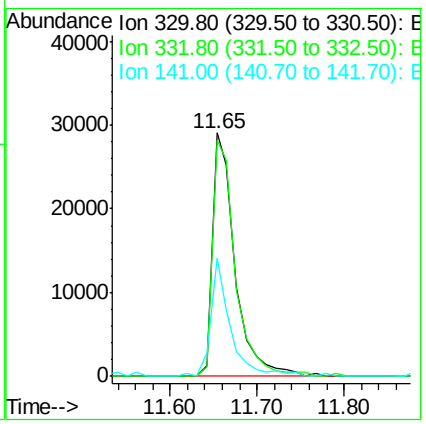


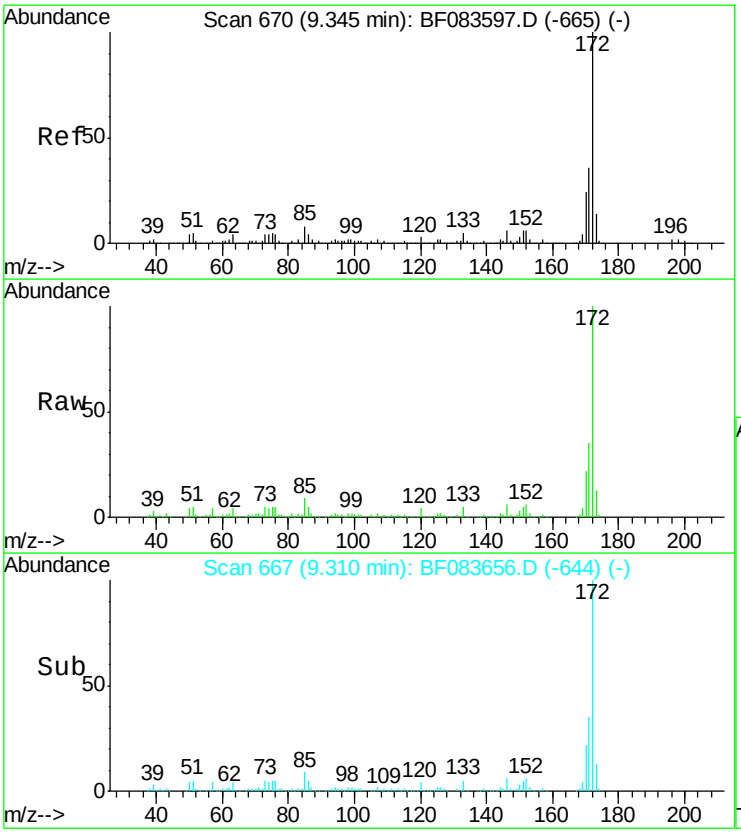
#41
2,4,6-Tribromophenol
Concen: 19.19 ng
RT: 11.65 min Scan# 872
Delta R.T. -0.03 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Tgt Ion:330 Resp: 52886

Ion	Ratio	Lower	Upper
330	100		
332	98.0	0.0	0.0#
141	42.2	0.0	0.0#

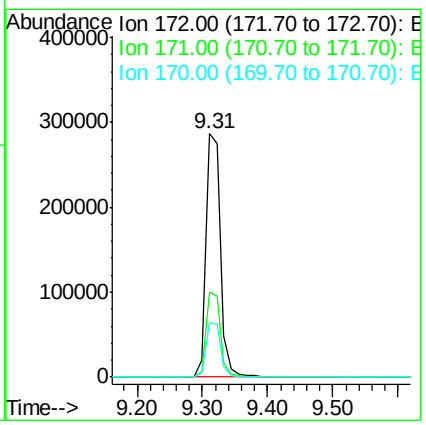


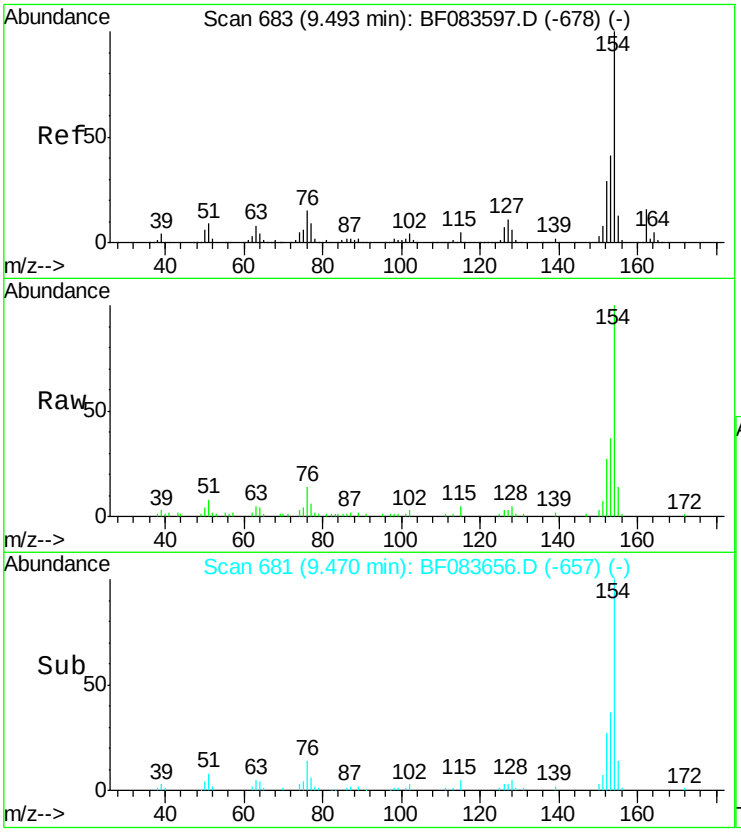


#44
2-Fluorobiphenyl
Concen: 20.36 ng
RT: 9.31 min Scan# 667
Delta R.T. -0.03 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Tgt Ion:172 Resp: 447472

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	22.5	19.4	29.0



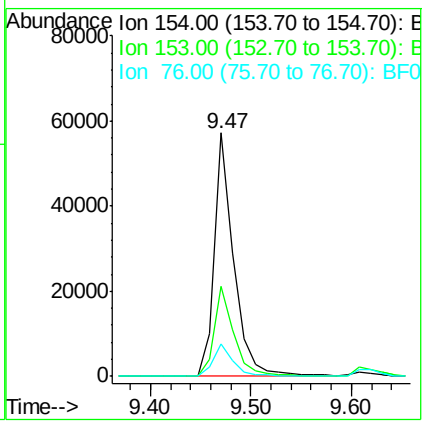


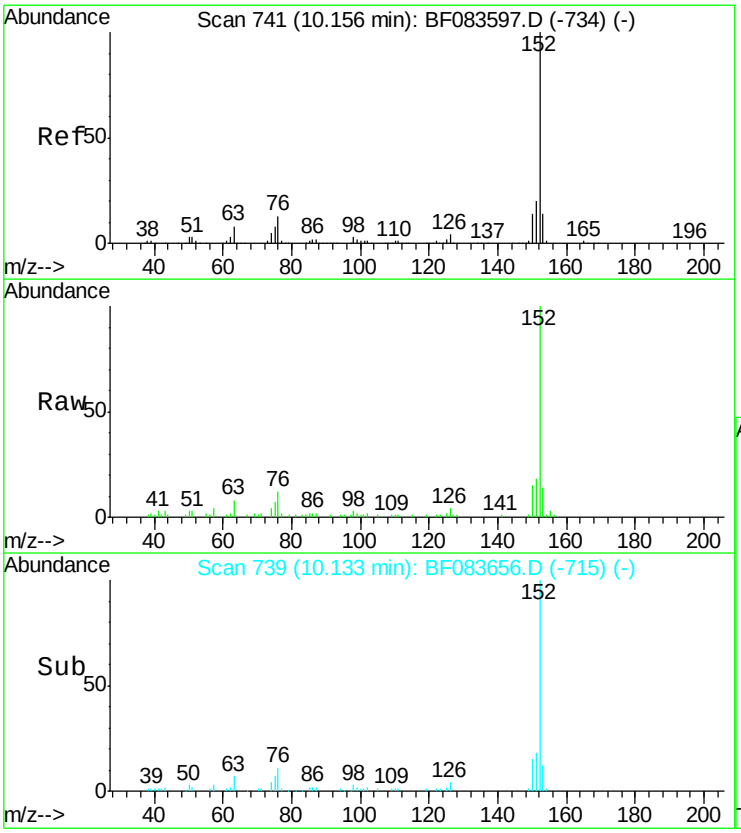
#45
1,1'-Biphenyl
Concen: 2.86 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Tgt Ion:154 Resp: 76960

Ion	Ratio	Lower	Upper
154	100		
153	37.1	20.2	60.2
76	13.5	0.0	34.8

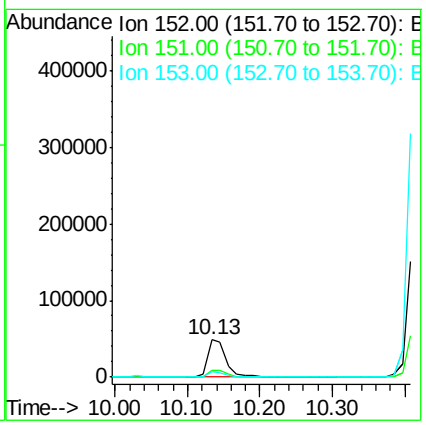


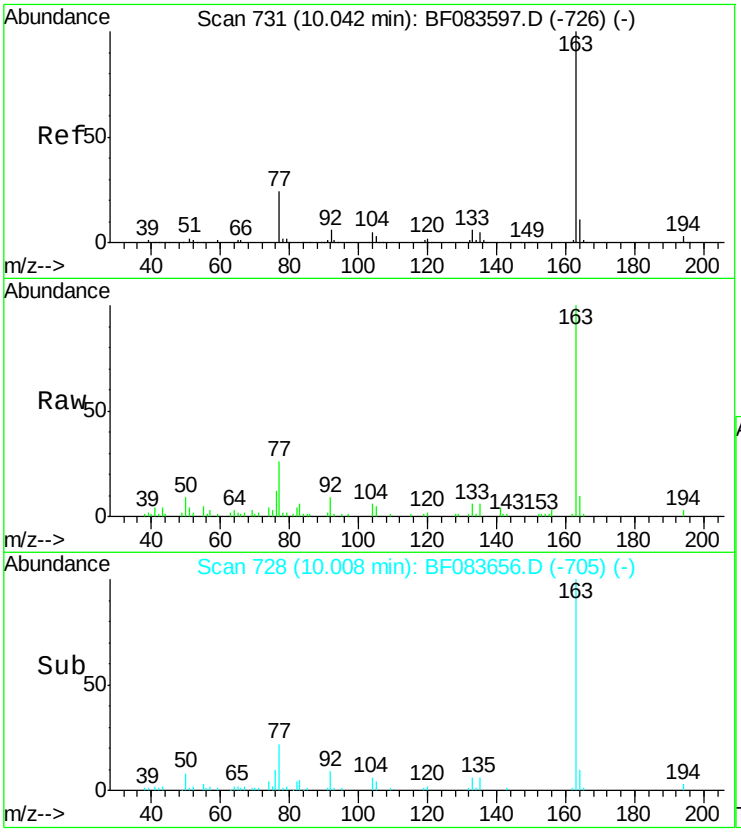


#48
Acenaphthylene
Concen: 2.54 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Tgt Ion:152 Resp: 84954

Ion	Ratio	Lower	Upper
152	100		
151	18.2	16.3	24.5
153	13.6	10.8	16.2



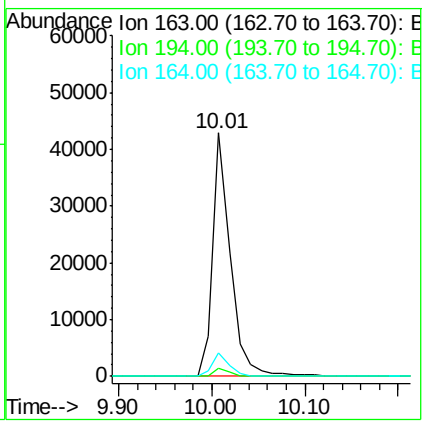


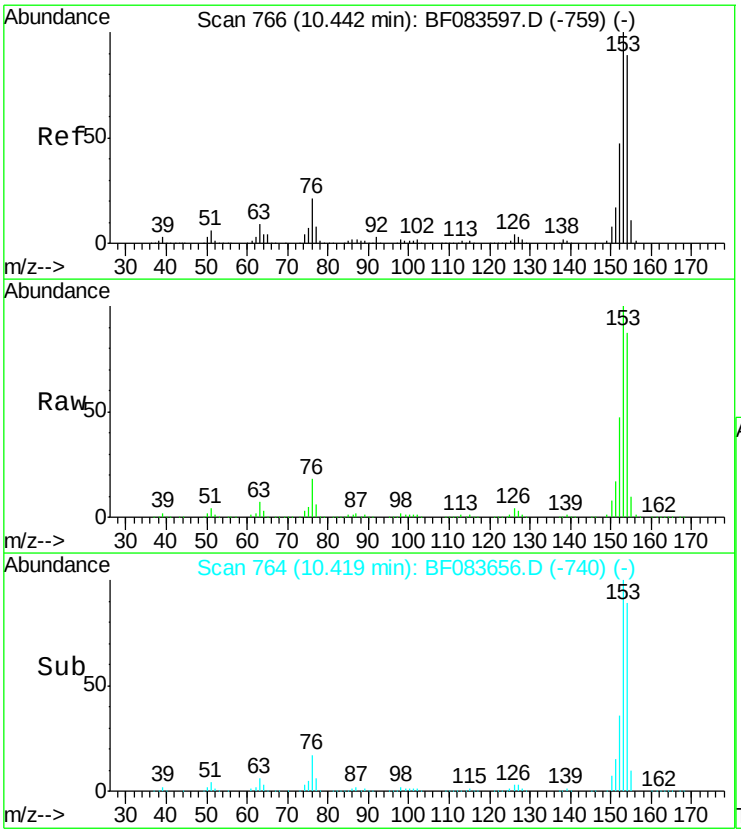
#49
Dimethylphthalate
Concen: 2.30 ng
RT: 10.01 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Tgt Ion:163 Resp: 56538

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	9.9	8.6	13.0

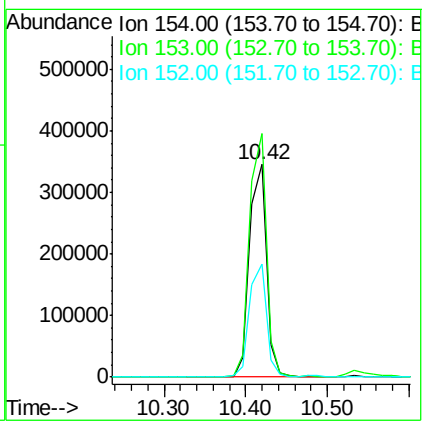


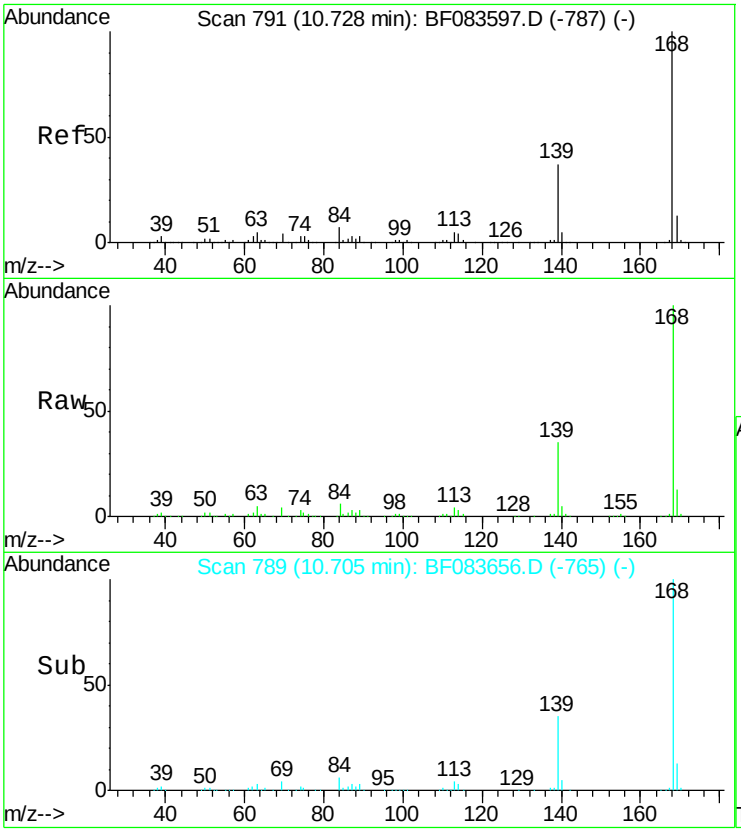


#51
Acenaphthene
Concen: 26.03 ng
RT: 10.42 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Tgt Ion:154 Resp: 498734

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.4	137.0
152	53.4	43.4	65.2



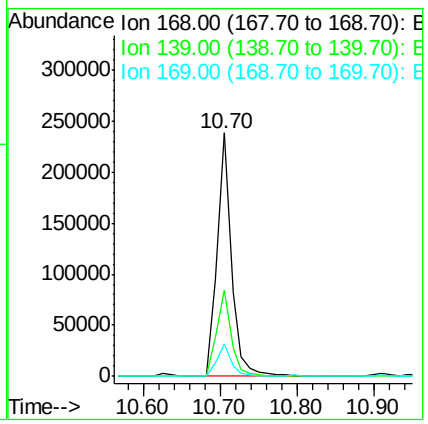


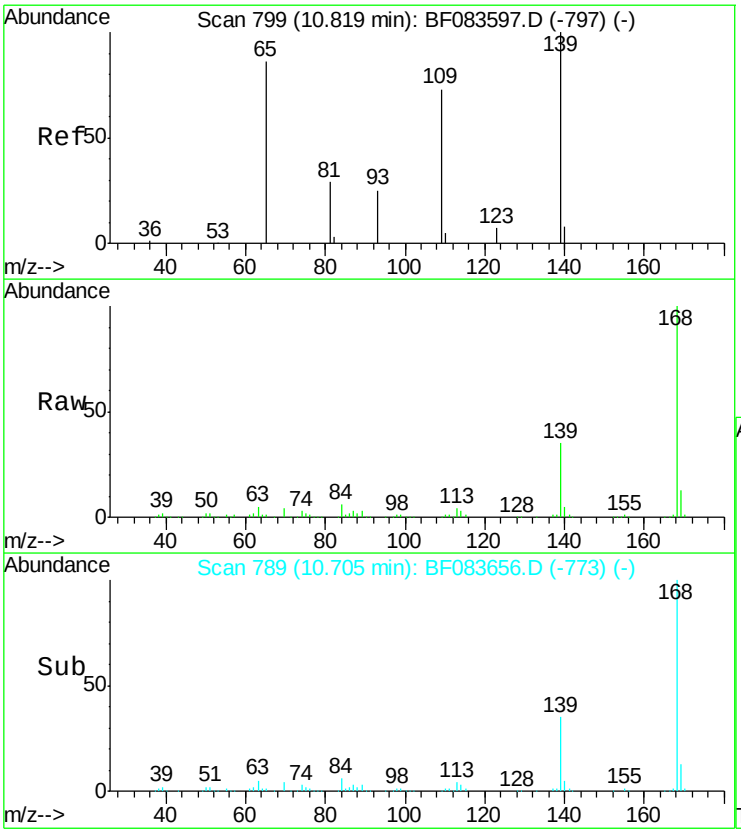
#54
Dibenzofuran
Concen: 11.83 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Tgt Ion:168 Resp: 314408

Ion	Ratio	Lower	Upper
168	100		
139	35.3	28.0	42.0
169	13.1	10.8	16.2

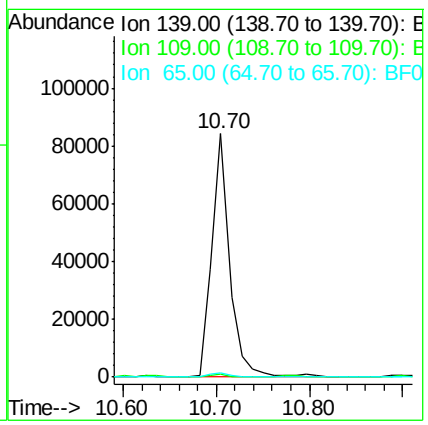


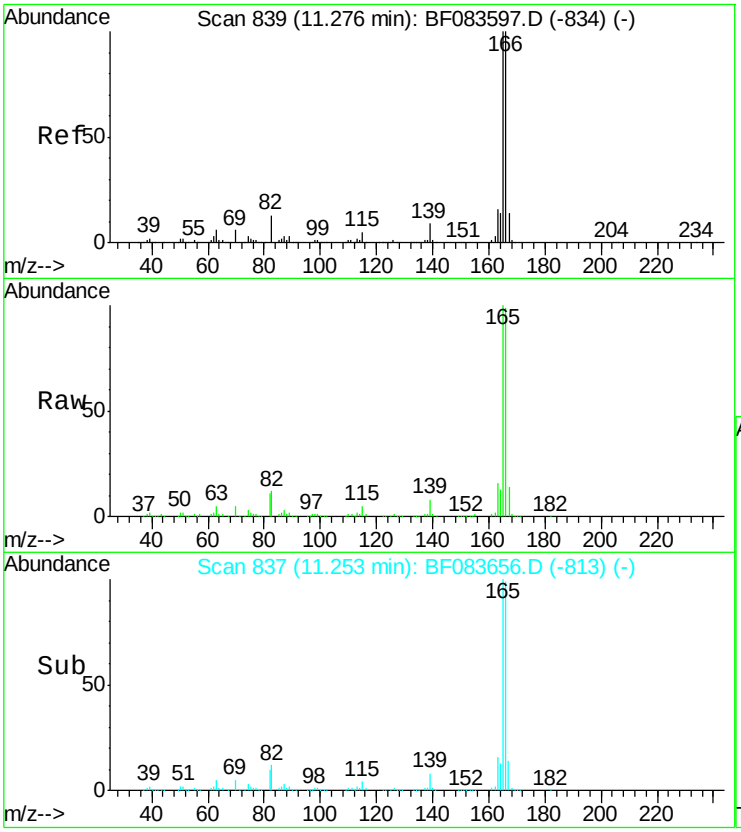


#55
4-Nitrophenol
Concen: 47.63 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.11 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Tgt Ion:139 Resp: 113277

Ion	Ratio	Lower	Upper
139	100		
109	1.2	42.0	82.0#
65	1.9	89.2	129.2#



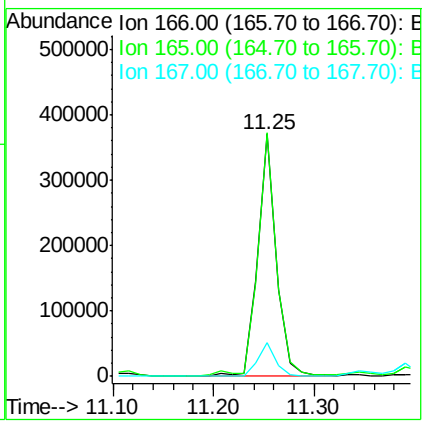


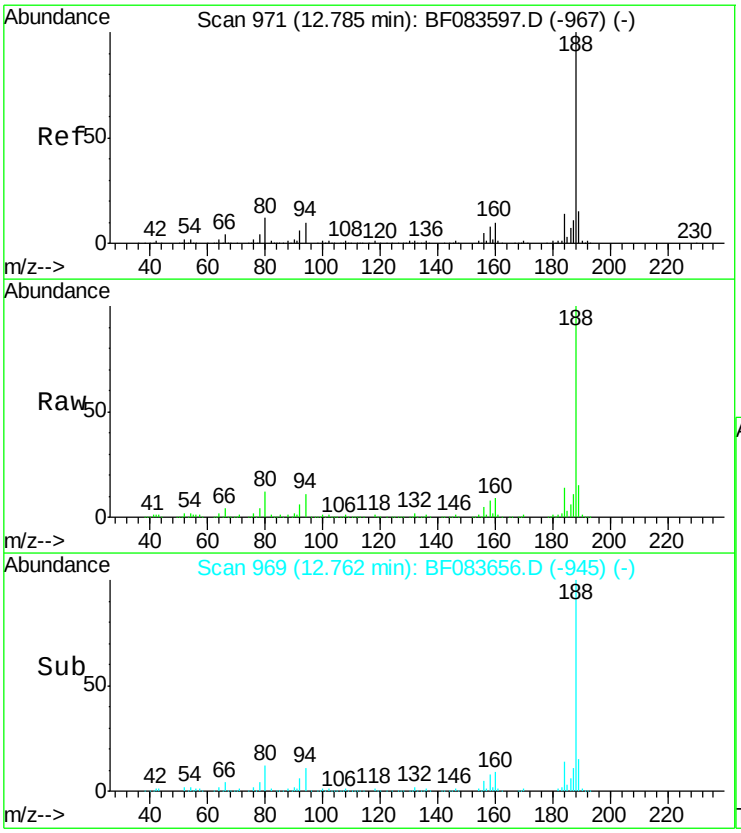
#57
Fluorene
Concen: 20.50 ng
RT: 11.25 min Scan# 837
Delta R.T. -0.02 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Tgt Ion:166 Resp: 475262

Ion	Ratio	Lower	Upper
166	100		
165	100.7	80.0	120.0
167	14.0	10.6	16.0

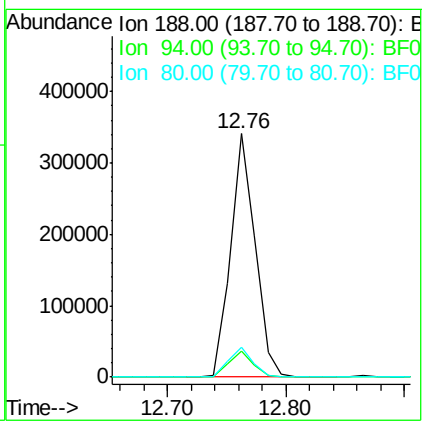


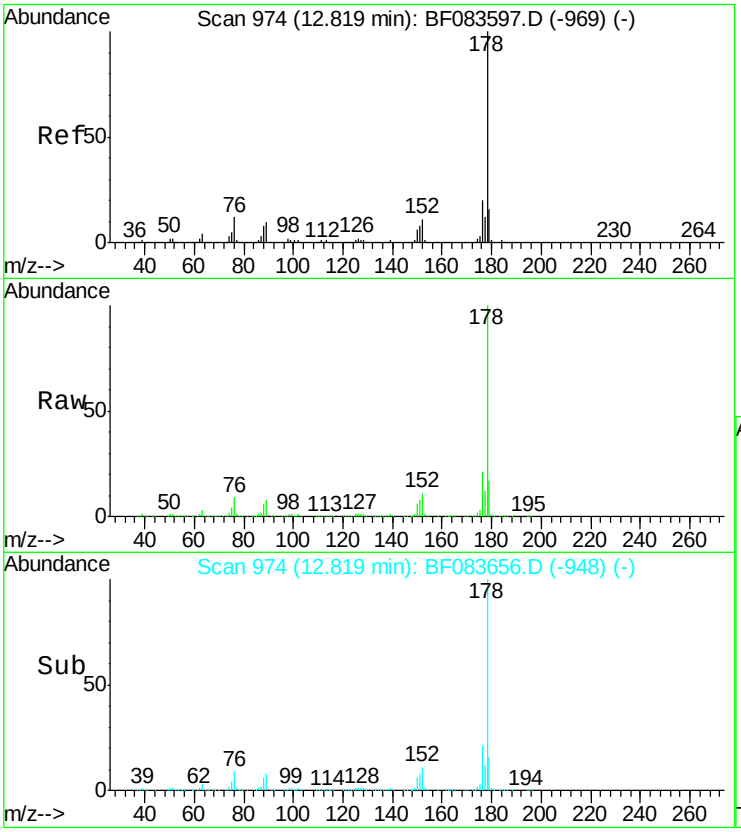


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Tgt Ion:188 Resp: 489981

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	12.4	10.6	16.0



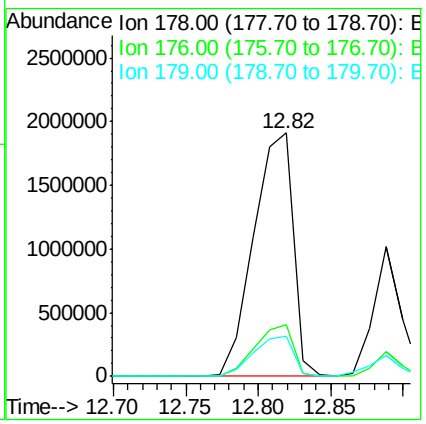


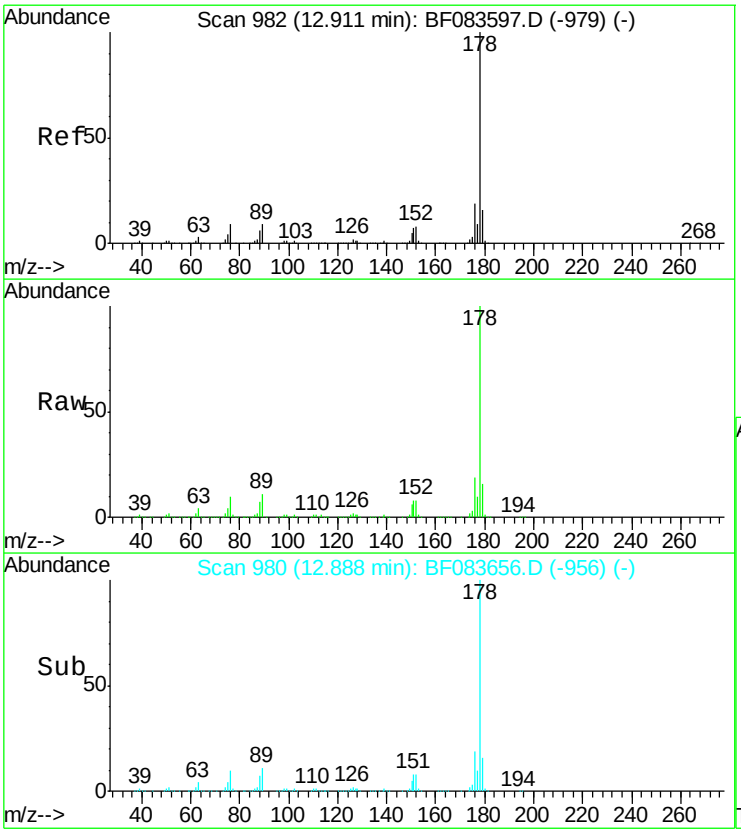
#70
Phenanthrene
Concen: 128.19 ng
RT: 12.82 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Tgt Ion:178 Resp: 3608784

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.7	23.5
179	16.5	12.2	18.4

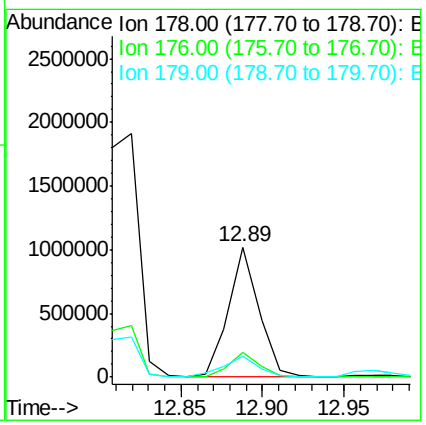


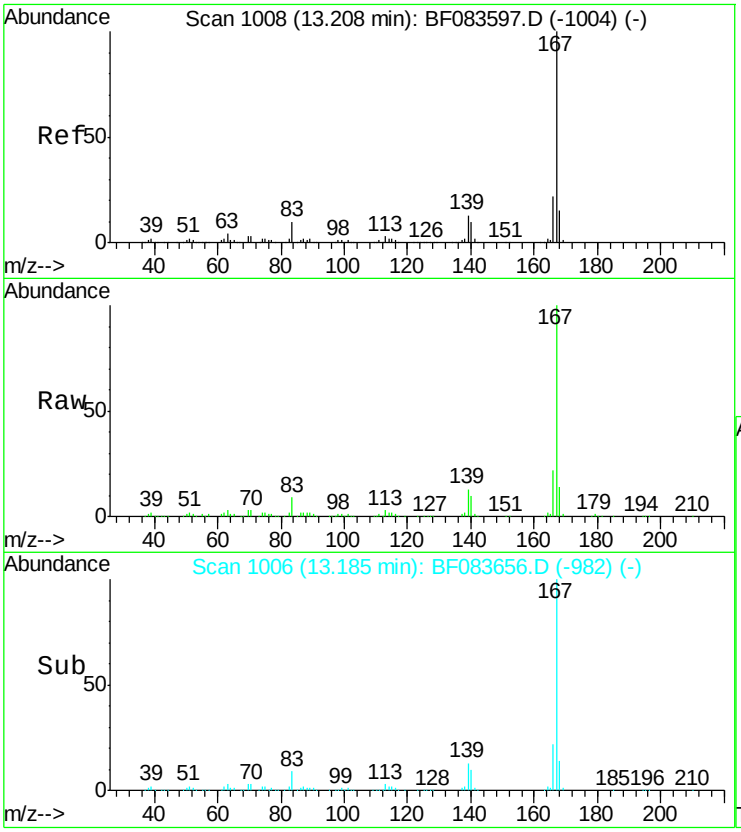


#71
Anthracene
Concen: 45.19 ng
RT: 12.89 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Tgt Ion:178 Resp: 1317752

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	16.3	12.6	18.8



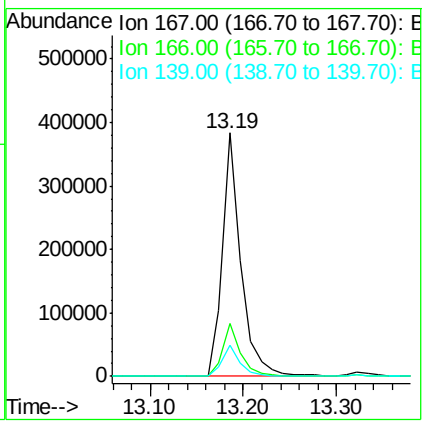


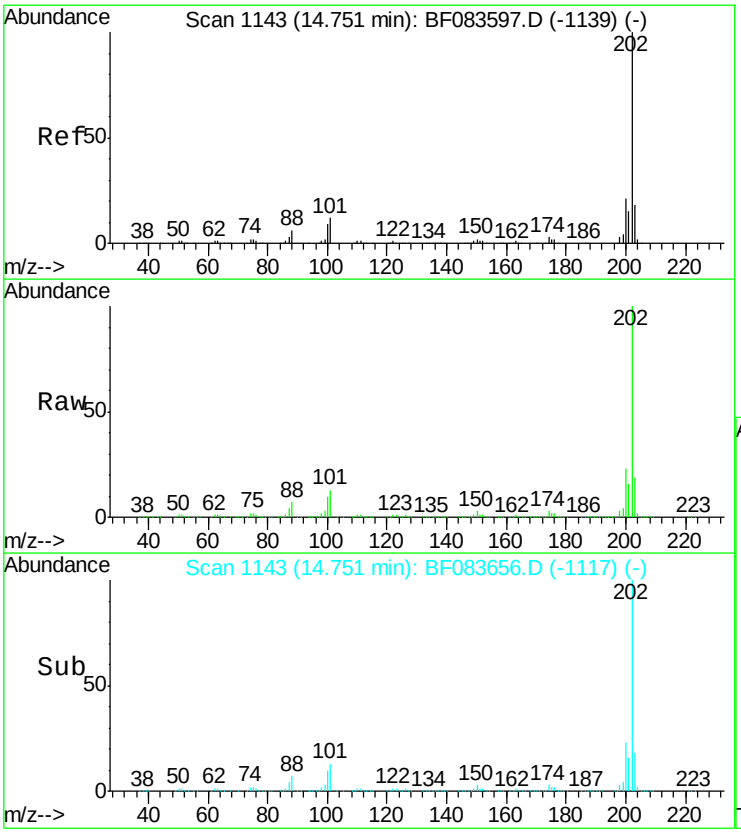
#72
Carbazole
Concen: 21.12 ng
RT: 13.19 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Tgt Ion:167 Resp: 528270

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	12.8	9.3	13.9

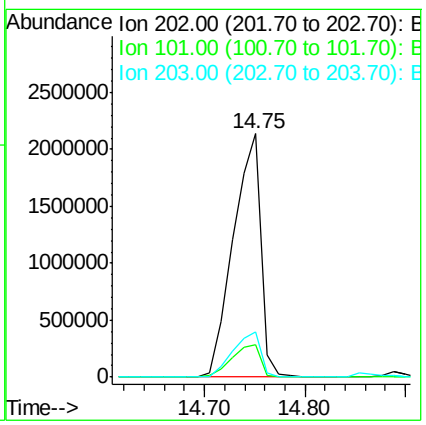


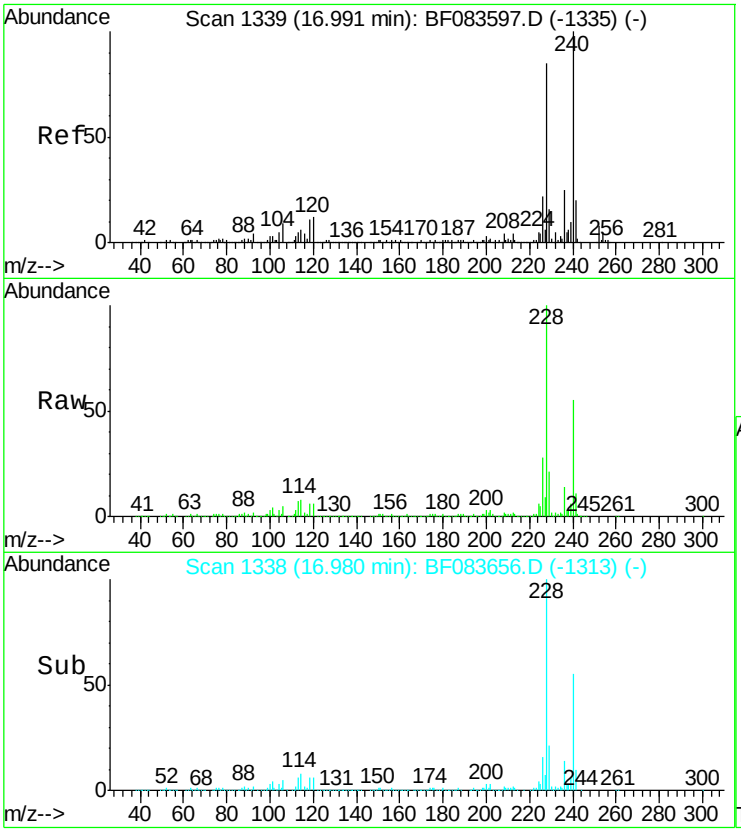


#74
Fluoranthene
Concen: 140.73 ng
RT: 14.75 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Tgt Ion:202 Resp: 4052895

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	31.5
203	18.5	0.0	37.6



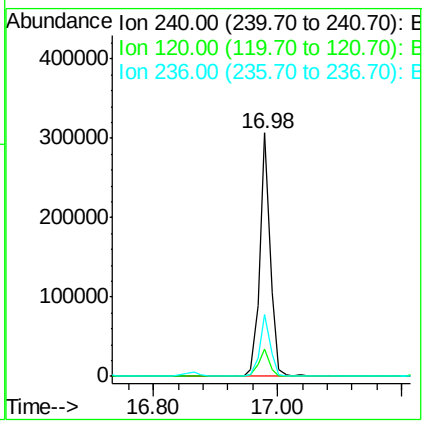


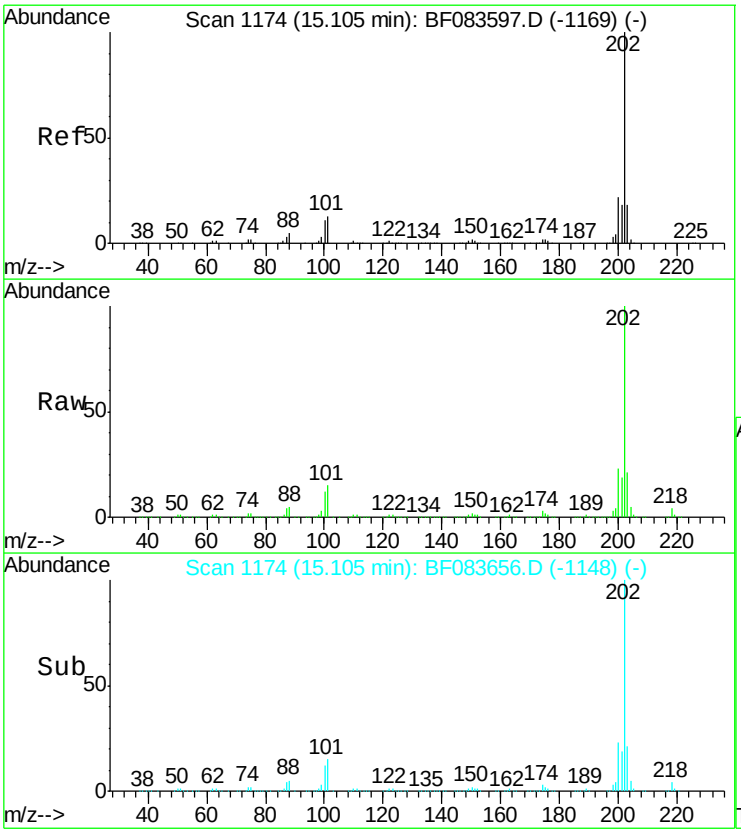
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.98 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Tgt Ion:240 Resp: 363521

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.1	12.1
236	25.6	20.8	31.2

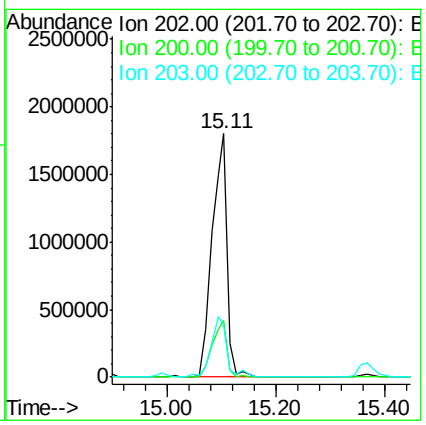


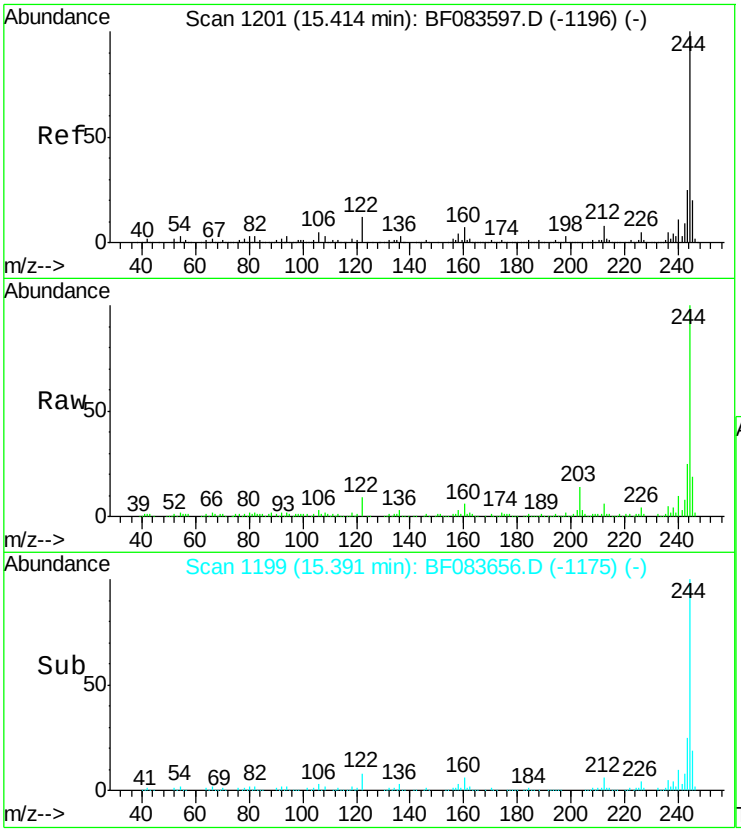


#77
Pyrene
Concen: 133.94 ng
RT: 15.11 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Tgt Ion:202 Resp: 3505340

Ion	Ratio	Lower	Upper
202	100		
200	23.1	16.7	25.1
203	21.2	14.3	21.5



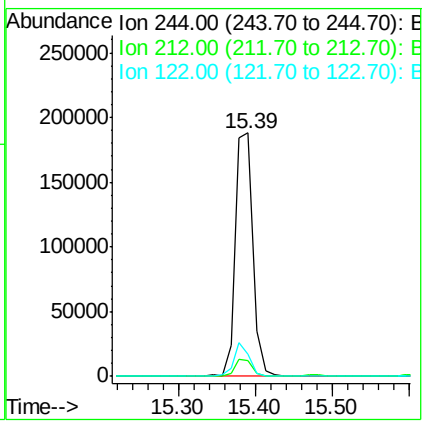


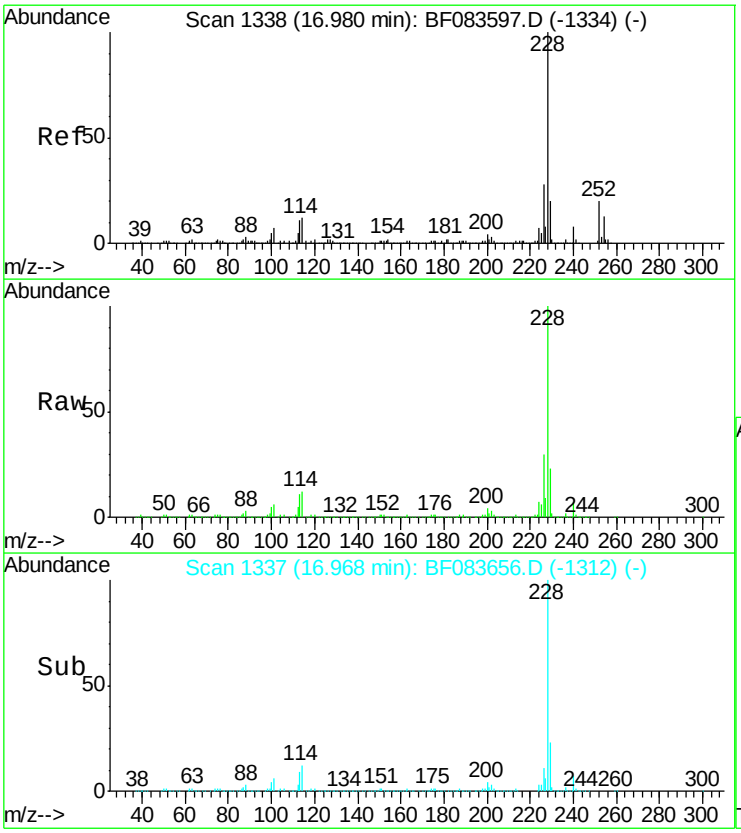
#78
Terphenyl-d14
Concen: 19.56 ng
RT: 15.39 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Tgt Ion:244 Resp: 302179

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.1	9.1
122	9.1	11.0	16.6#

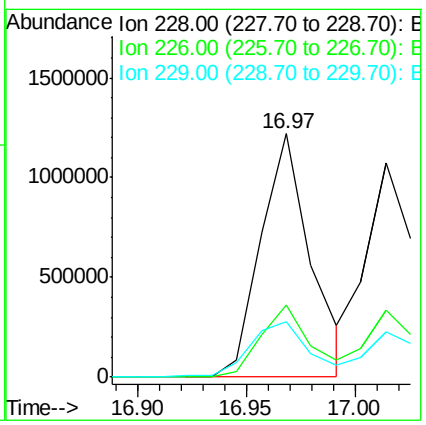


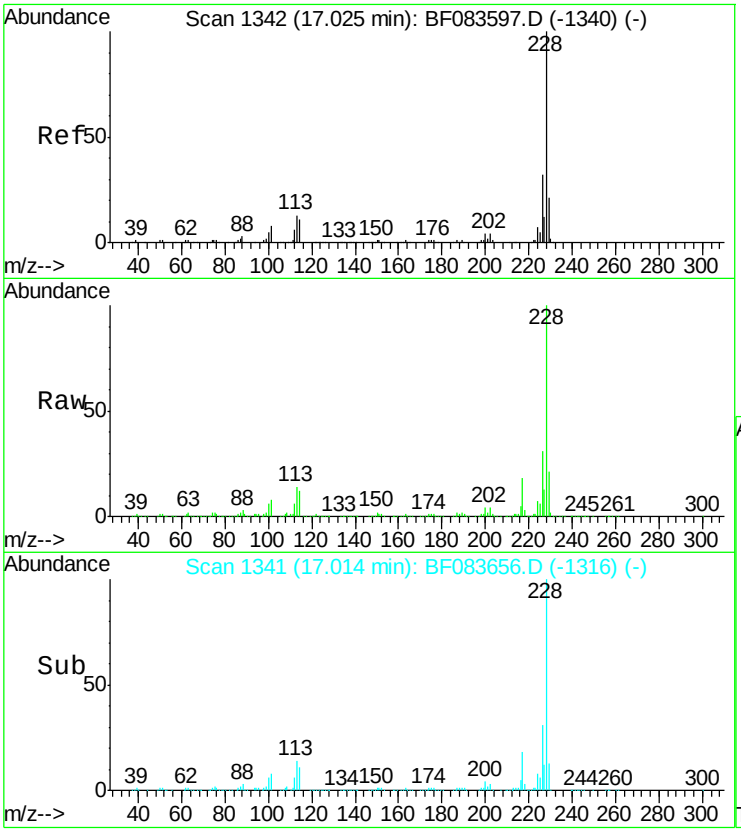


#80
Benzo(a)anthracene
Concen: 91.62 ng
RT: 16.97 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Tgt Ion:228 Resp: 1949336

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.3	33.5
229	22.6	15.7	23.5



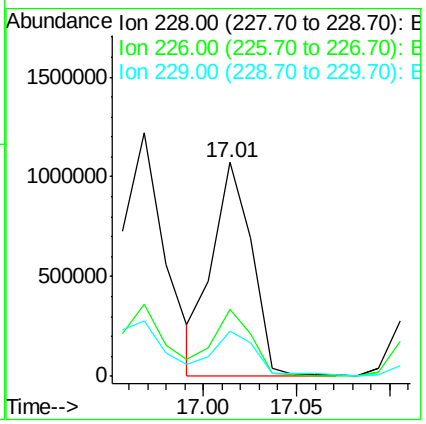


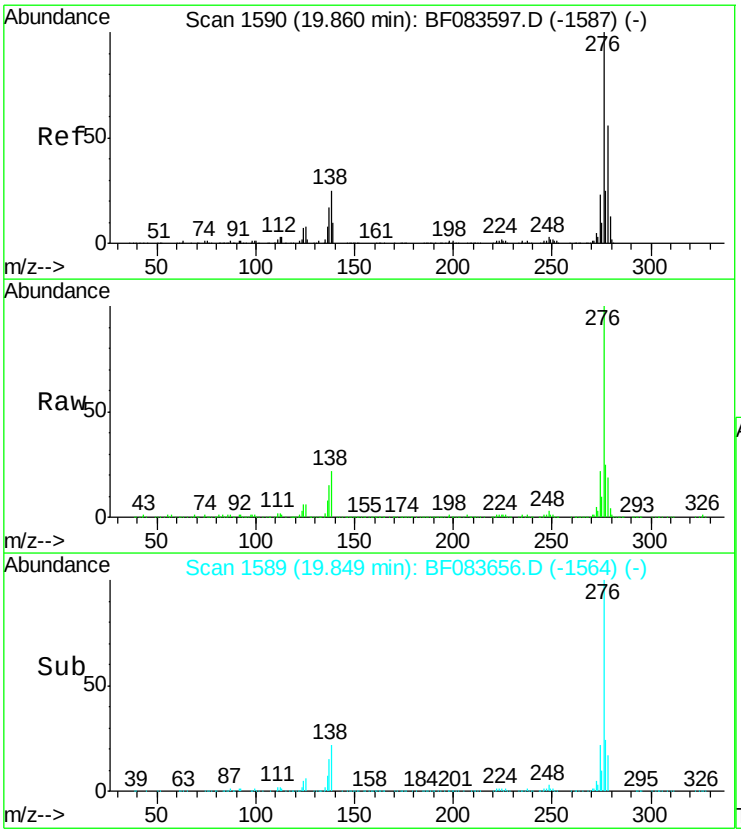
#82
Chrysene
Concen: 73.41 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Tgt Ion:228 Resp: 1565868

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	21.4	16.3	24.5

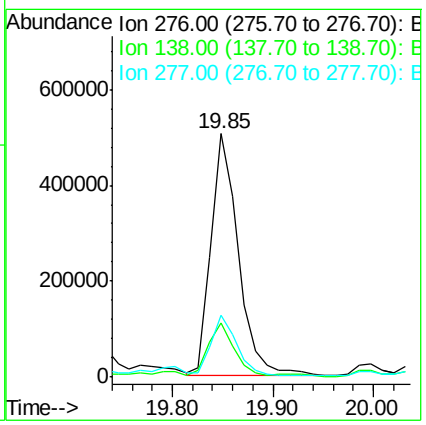


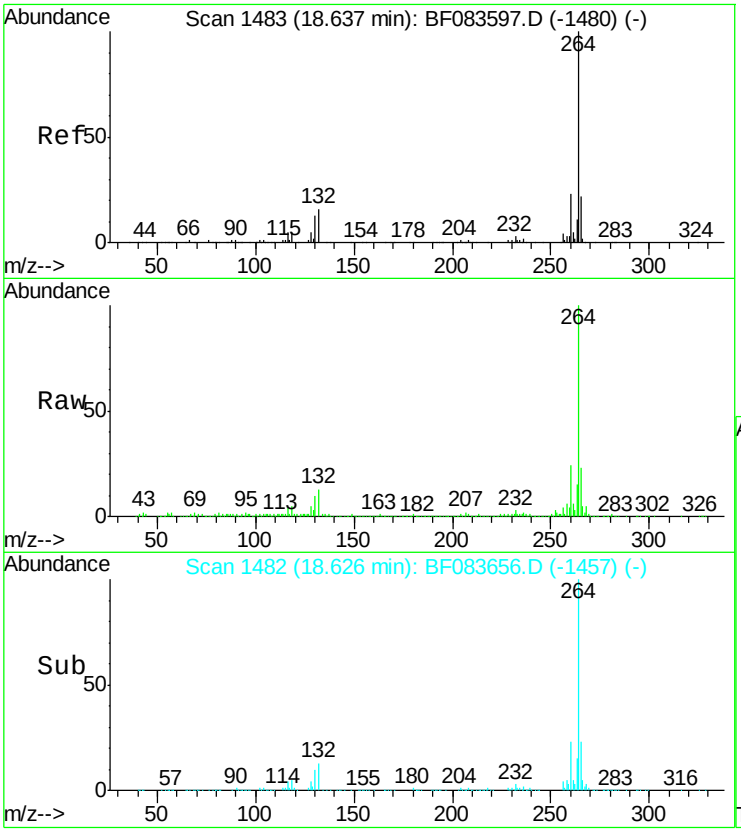


#85
Indeno(1,2,3-cd)pyrene
Concen: 66.63 ng
RT: 19.85 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Tgt Ion:276 Resp: 959189

Ion	Ratio	Lower	Upper
276	100		
138	19.8	0.0	0.0#
277	23.2	0.0	0.0#



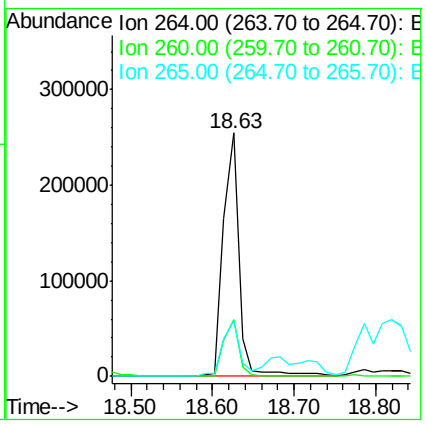


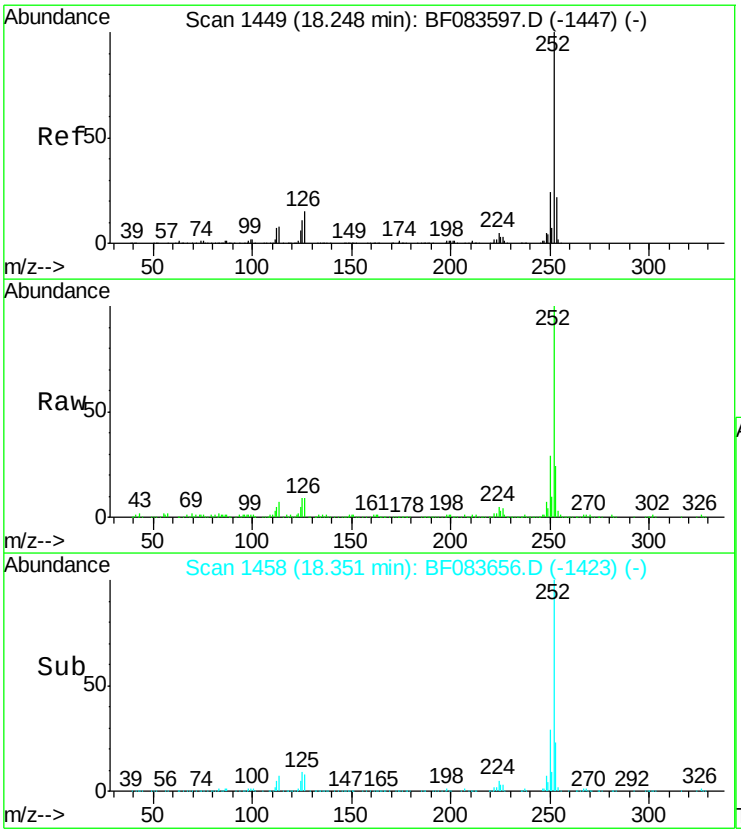
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Tgt Ion:264 Resp: 337672

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.9	17.8	26.6

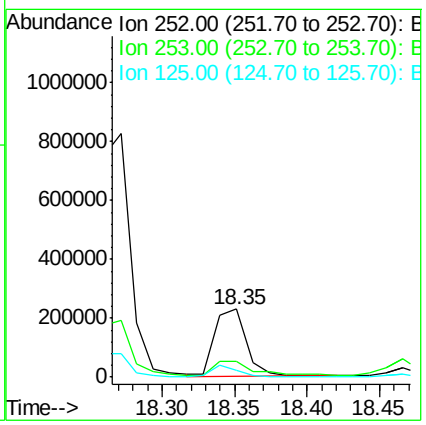


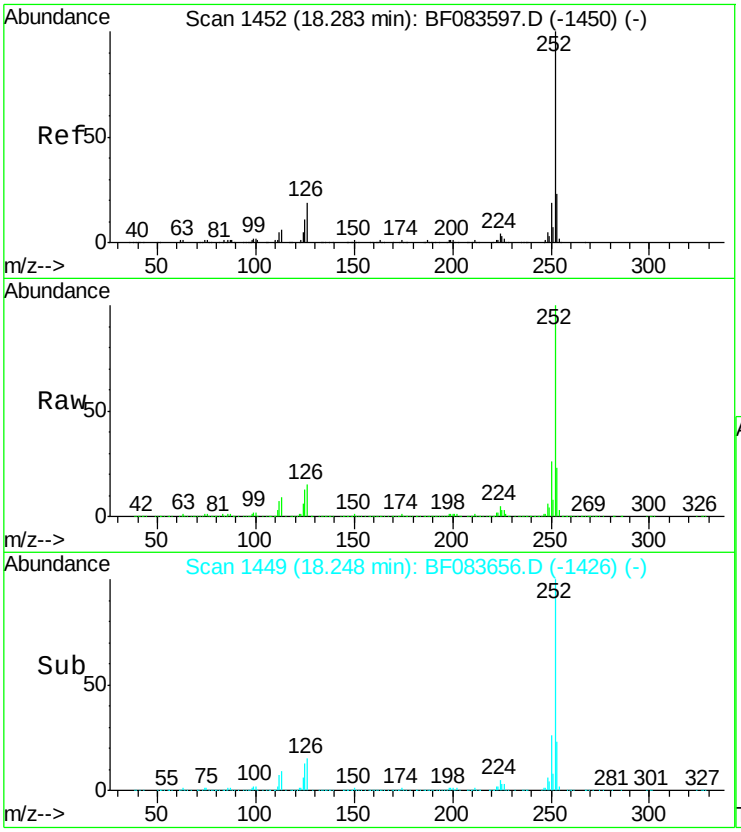


#87
Benzo(b)fluoranthene
Concen: 17.93 ng
RT: 18.35 min Scan# 1458
Delta R.T. 0.10 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Tgt Ion:252 Resp: 344751

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	9.2	8.2	12.4



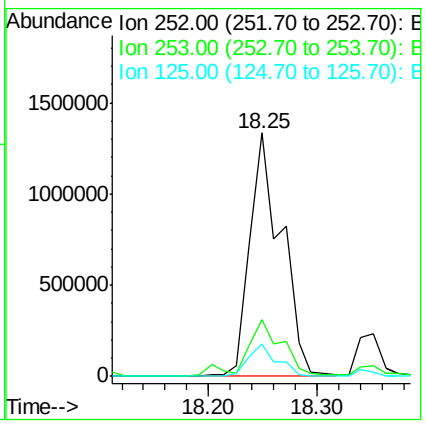


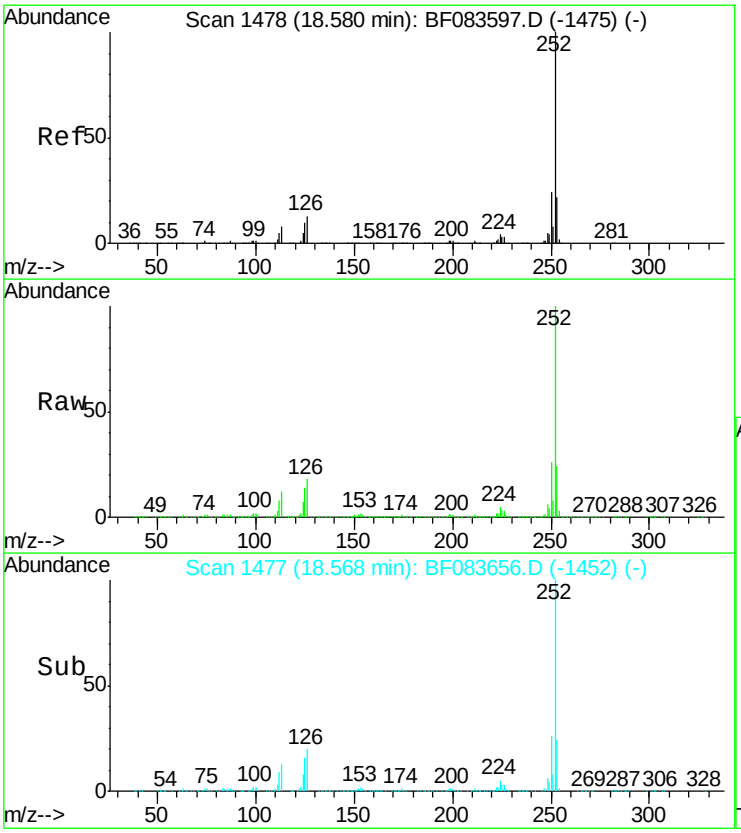
#88
Benzo(k)fluoranthene
Concen: 127.25 ng
RT: 18.25 min Scan# 1449
Delta R.T. -0.03 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Tgt Ion:252 Resp: 2696060

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	27.8
125	13.3	11.5	17.3

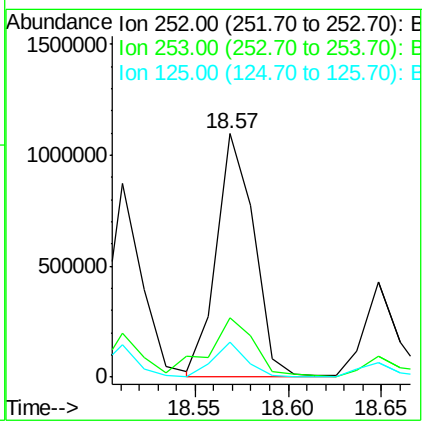


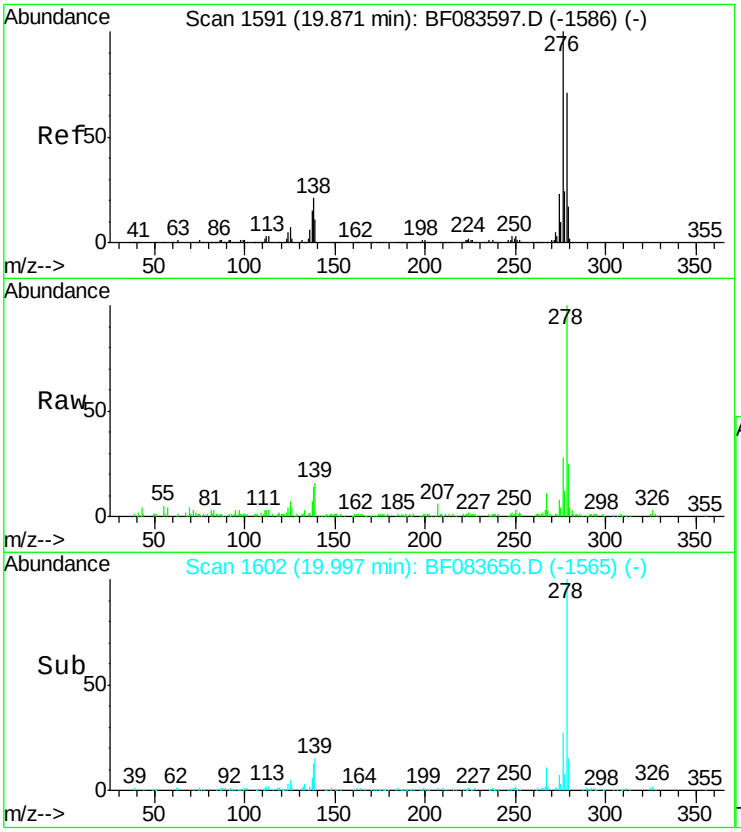


#89
Benzo(a)pyrene
Concen: 81.64 ng
RT: 18.57 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Tgt Ion:252 Resp: 1531791

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	14.2	11.0	16.6



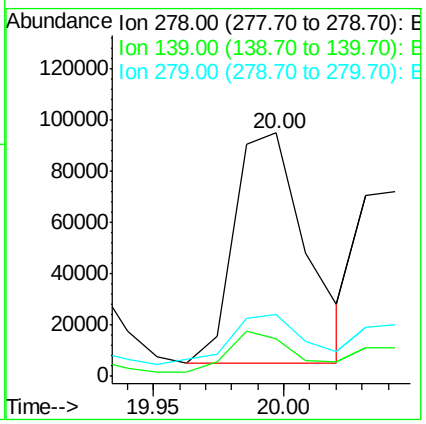


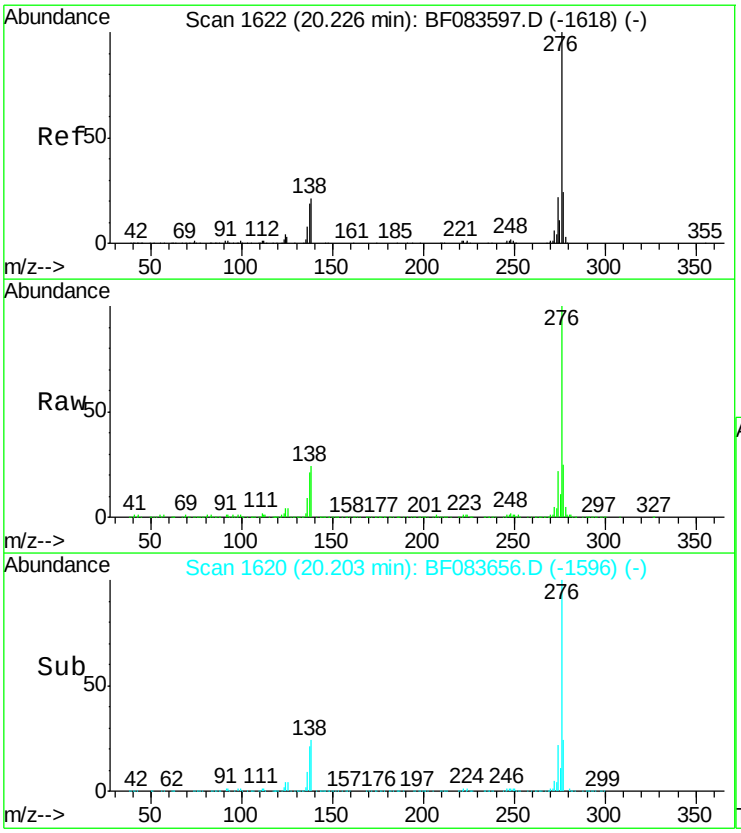
#90
Dibenzo(a,h)anthracene
Concen: 11.98 ng
RT: 20.00 min Scan# 1602
Delta R.T. 0.13 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(0-4)DL

Tgt Ion:278 Resp: 171898

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.8	19.2
279	25.4	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 64.29 ng
RT: 20.20 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BF083656.D
Acq: 9 Dec 2015 23:31

Tgt Ion:276 Resp: 899323

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.2	28.8
138	24.1	19.5	29.3