Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083448.D
Acq On : 3 Dec 2015 7:24
Operator : UM/IZ
Sample : G4582-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-01(0-4)

Quant Time: Dec 03 09:54:16 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	147469	20.00	ng		-0.01
21) Naphthalene-d8	7.82	136	576547	20.00	ng		-0.01
38) Acenaphthene-d10	9.57	164	282679	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	441578	20.00	ng		-0.01
75) Chrysene-d12	14.75	240	348448	20.00	ng		-0.01
86) Perylene-d12	16.82	264	320274	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	1419392	144.43	ng		0.00
7) Phenol-d6	6.21	99	1820787	135.36	ng		-0.01
23) Nitrobenzene-d5	7.12	82	1277768	97.42	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	297885	104.98	ng		-0.02
44) 2-Fluorobiphenyl	8.91	172	1585604	79.93	ng		-0.01
78) Terphenyl-d14	13.21	244	1130656	77.38	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.32	77	37321	3.78	ng		81
10) Phenol	6.22	94	53659	3.32	ng	#	66
19) n-Nitroso-di-n-propylamine	7.12	70	182954	19.03	ng	#	81
20) 3+4-Methylphenols	7.00	107	32709	2.67	ng		84
31) Naphthalene	7.85	128	469626	15.01	ng		98
33) 4-Chloroaniline	7.85	127	61255	4.54	ng	#	34
37) 2-Methylnaphthalene	8.54	142	102939	4.92	ng		99
48) Acenaphthylene	9.44	152	1088411	36.12	ng		99
49) Dimethylphthalate	9.31	163	375546	16.35	ng		98
51) Acenaphthene	9.61	154	151250	8.53	ng		95
54) Dibenzofuran	9.78	168	68261	2.63	ng	#	92
57) Fluorene	10.12	166	222536	10.85	ng		93
70) Phenanthrene	11.15	178	2165046	82.85	ng		98
71) Anthracene	11.20	178	641627	24.39	ng		98
72) Carbazole	11.39	167	76602	3.24	ng	#	94
74) Fluoranthene	12.66	202	2783221	102.75	ng		99
77) Pyrene	12.98	202	3914874	160.88	ng		95
80) Benzo(a)anthracene	14.80	228	1842559	86.31	ng		95
81) 3,3'-Dichlorobenzidine	14.83	252	37321	5.60	ng	#	1
82) Chrysene	14.80	228	1842559	89.33	ng		99
85) Indeno(1,2,3-cd)pyrene	18.05	276	402399	26.79	ng		95
87) Benzo(b)fluoranthene	16.32	252	3556129	173.04	ng		99
88) Benzo(k)fluoranthene	16.32	252	3556129	183.26	ng	#	95
89) Benzo(a)pyrene	16.76	252	2541846	144.01	ng	#	96
90) Dibenzo(a,h)anthracene	18.35	278	251979	16.38	ng		99
91) Benzo(g,h,i)perylene	18.60	276	1738123	115.15	ng		98

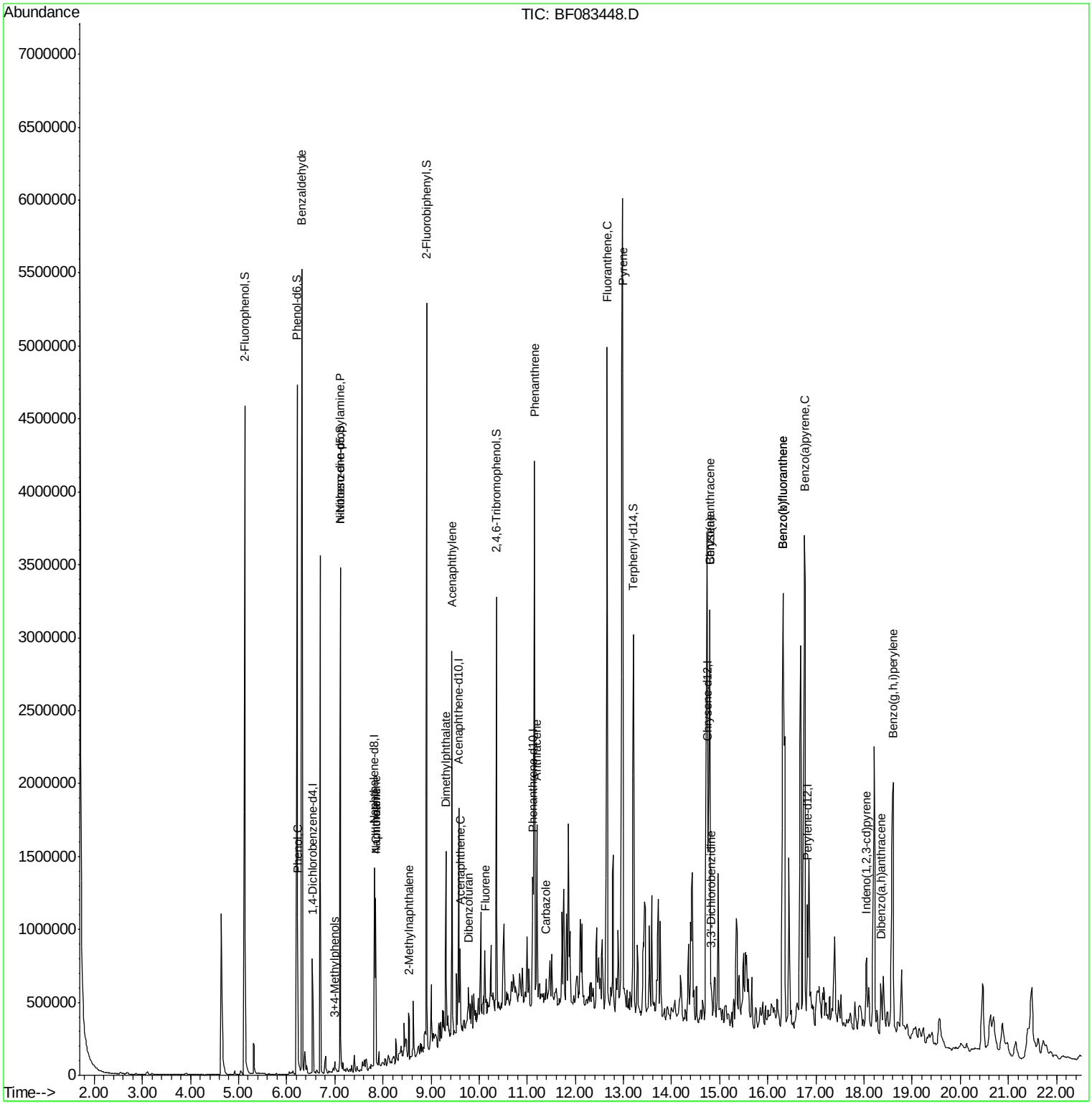
(#) = qualifier out of range (m) = manual integration (+) = signals summed

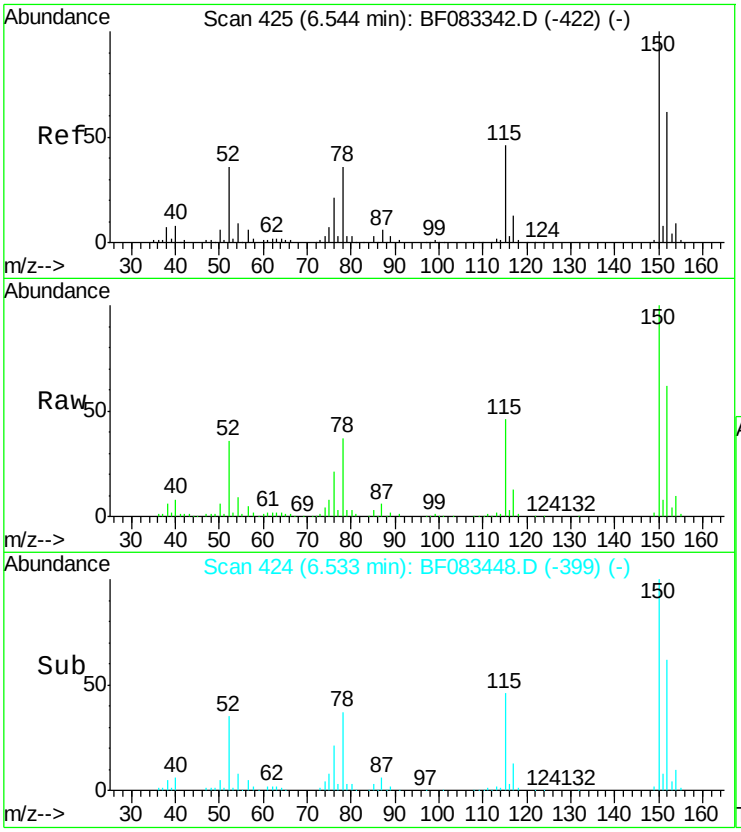
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083448.D
Acq On : 3 Dec 2015 7:24
Operator : UM/IZ
Sample : G4582-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Quant Time: Dec 03 09:54:16 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



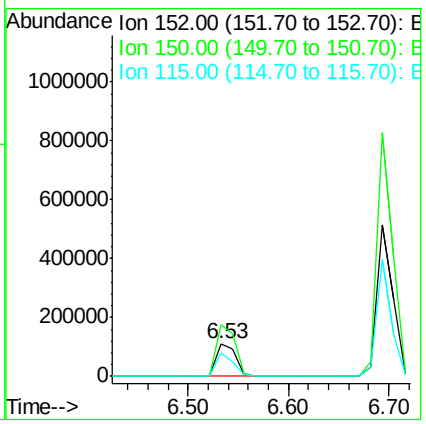


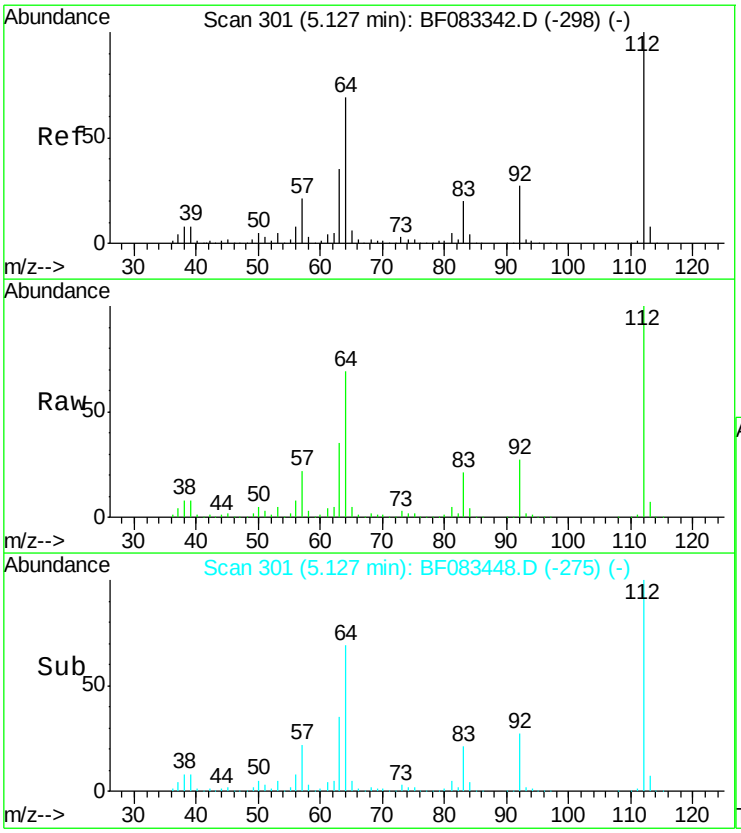
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.53 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion:152 Resp: 147469

Ion	Ratio	Lower	Upper
152	100		
150	160.1	129.8	194.8
115	73.7	59.2	88.8

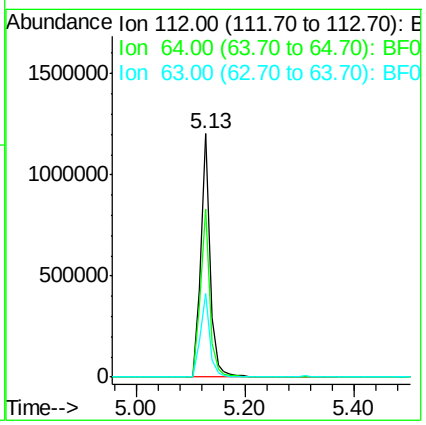


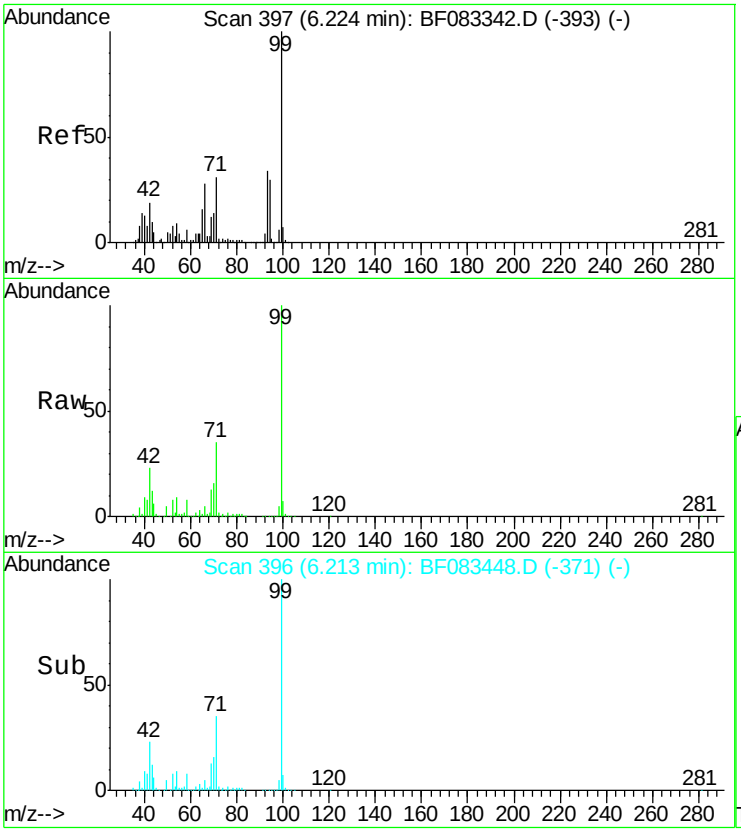


#5
2-Fluorophenol
Concen: 144.43 ng
RT: 5.13 min Scan# 301
Delta R.T. -0.00 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion:112 Resp: 1419392

Ion	Ratio	Lower	Upper
112	100		
64	68.8	55.6	83.4
63	34.6	28.2	42.2



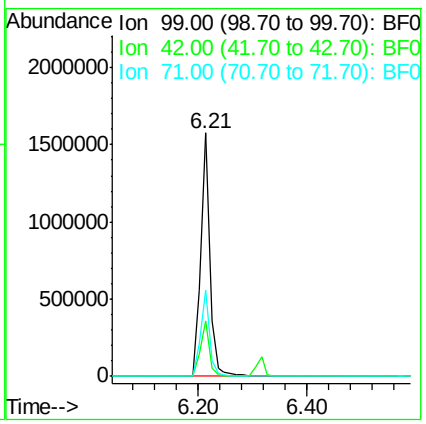


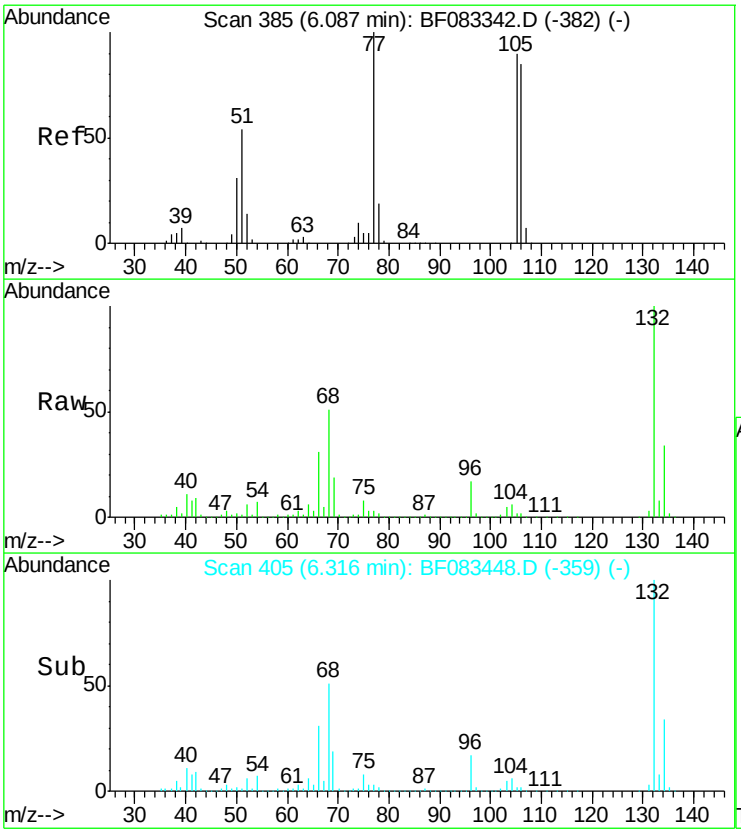
#7
Phenol-d6
Concen: 135.36 ng
RT: 6.21 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion: 99 Resp: 1820787

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.9	22.3#
71	35.4	24.7	37.1

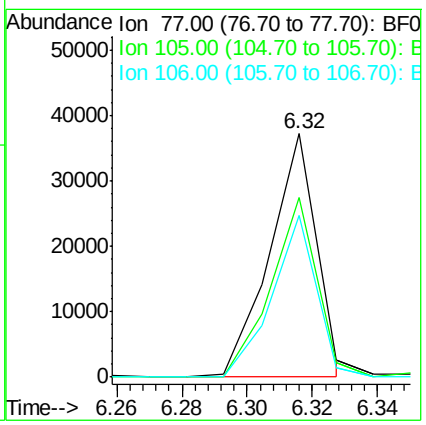


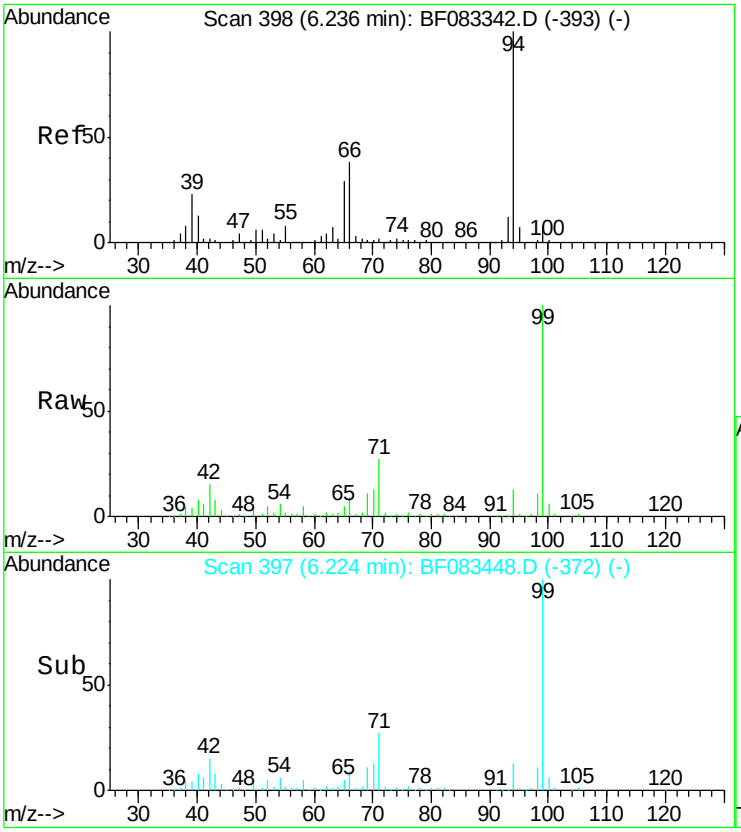


#9
Benzaldehyde
Concen: 3.78 ng
RT: 6.32 min Scan# 405
Delta R.T. 0.23 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion: 77 Resp: 37321

Ion	Ratio	Lower	Upper
77	100		
105	73.6	70.0	110.0
106	66.6	65.0	105.0



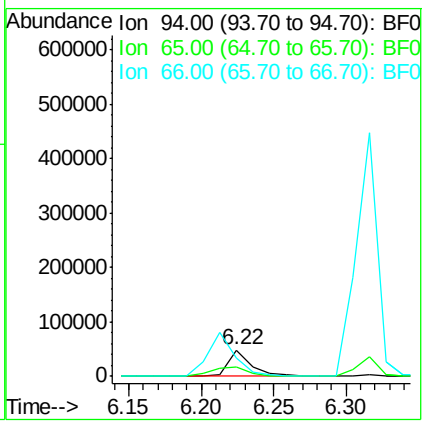


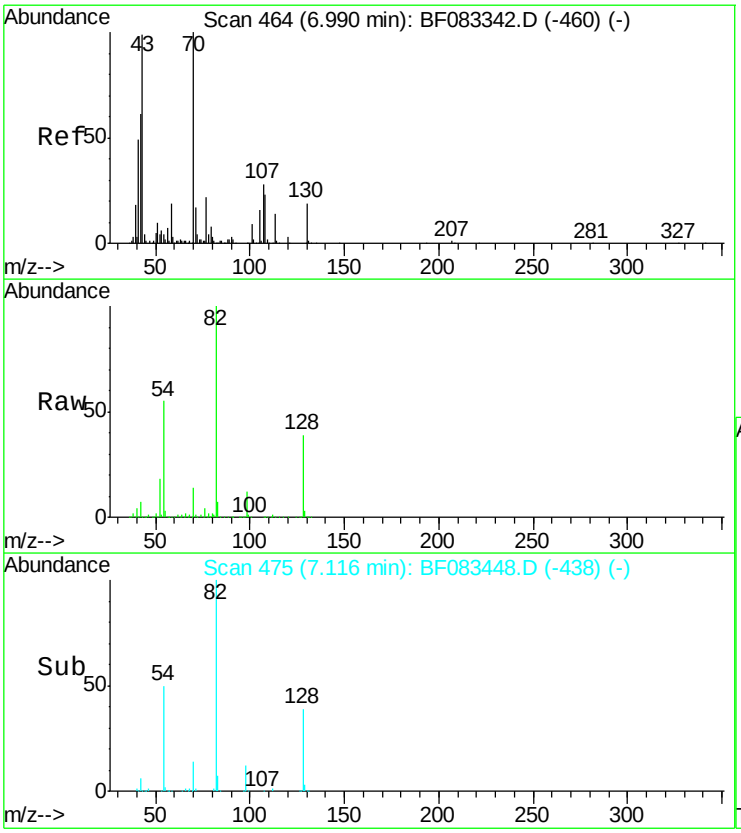
#10
Phenol
Concen: 3.32 ng
RT: 6.22 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion: 94 Resp: 53659

Ion	Ratio	Lower	Upper
94	100		
65	37.1	9.5	49.5
66	68.0	17.9	57.9#

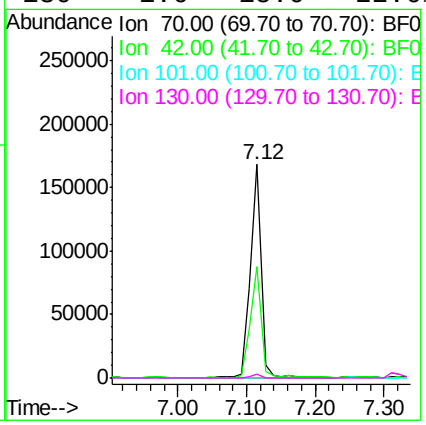


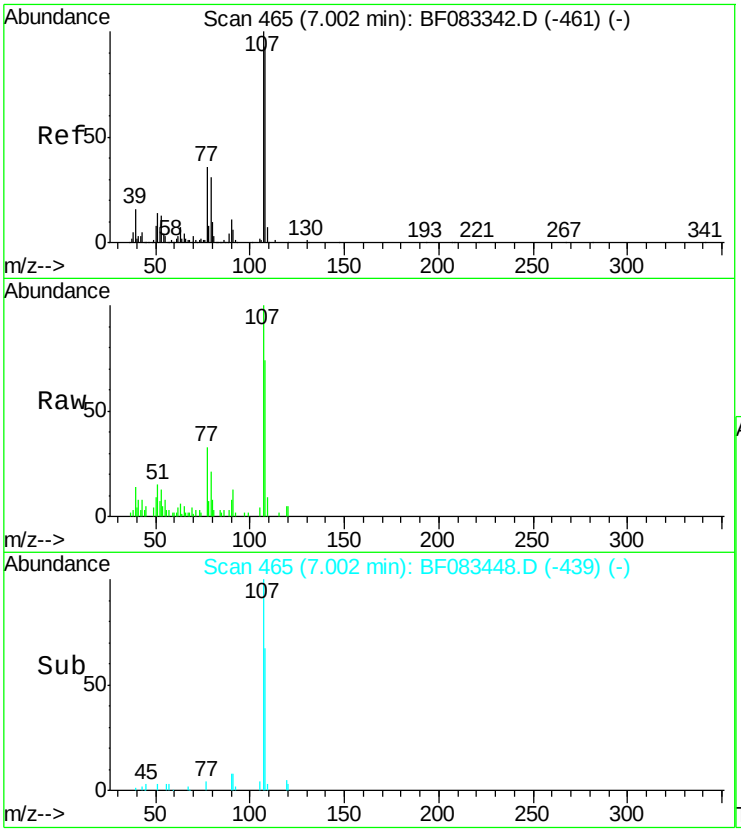


#19
n-Nitroso-di-n-propylamine
Concen: 19.03 ng
RT: 7.12 min Scan# 475
Delta R.T. 0.13 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion: 70 Resp: 182954

Ion	Ratio	Lower	Upper
70	100		
42	52.0	48.8	73.2
101	0.0	7.1	10.7#
130	1.6	15.0	22.6#



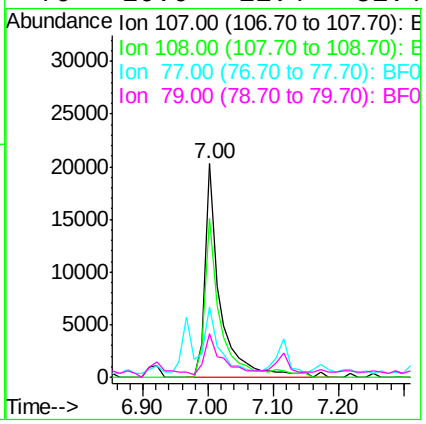


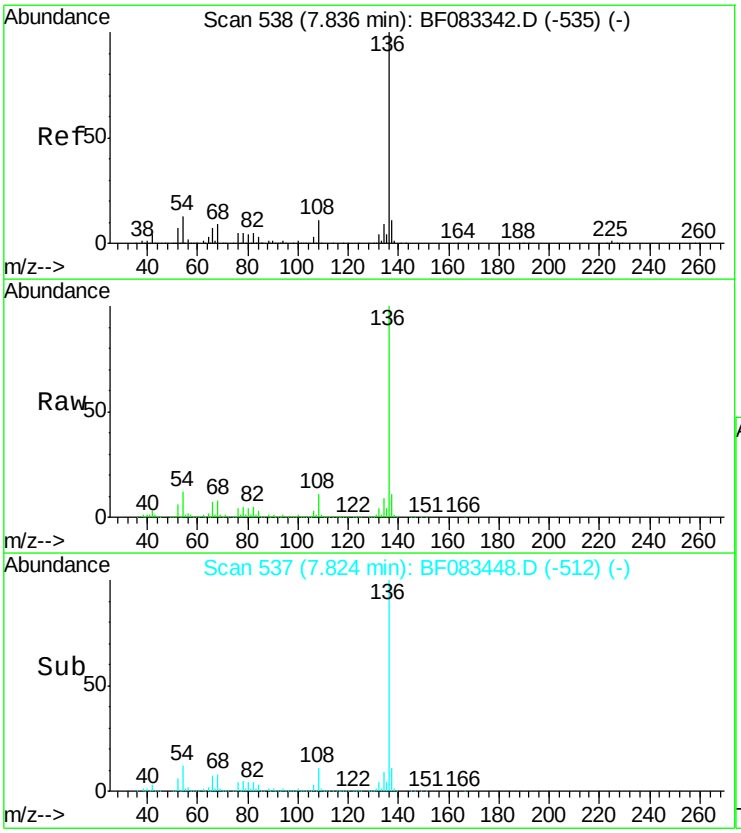
#20
3+4-Methylphenols
Concen: 2.67 ng
RT: 7.00 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion:107 Resp: 32709

Ion	Ratio	Lower	Upper
107	100		
108	74.4	73.0	113.0
77	32.9	16.8	56.8
79	20.6	11.4	51.4

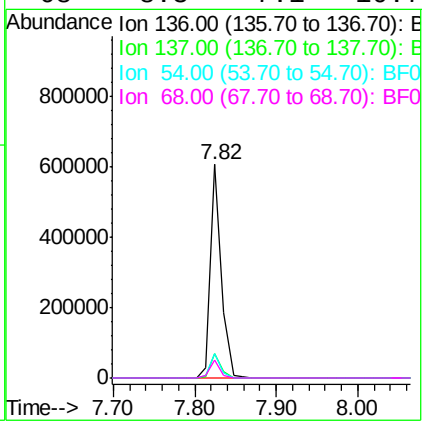


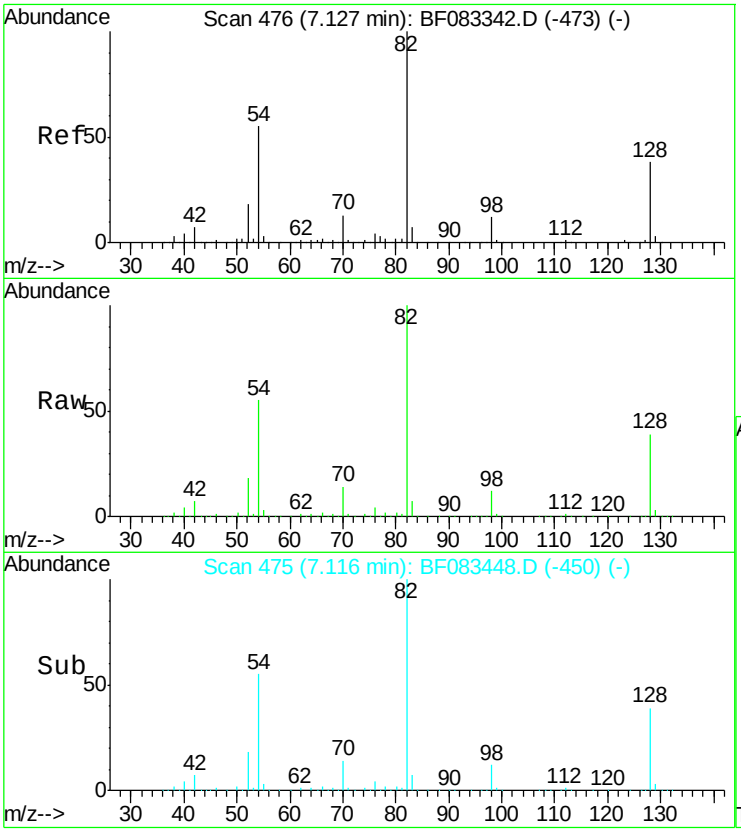


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion:136 Resp: 576547

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	11.7	10.1	15.1
68	8.3	7.1	10.7



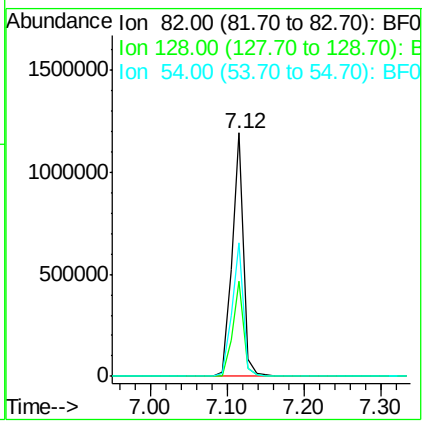


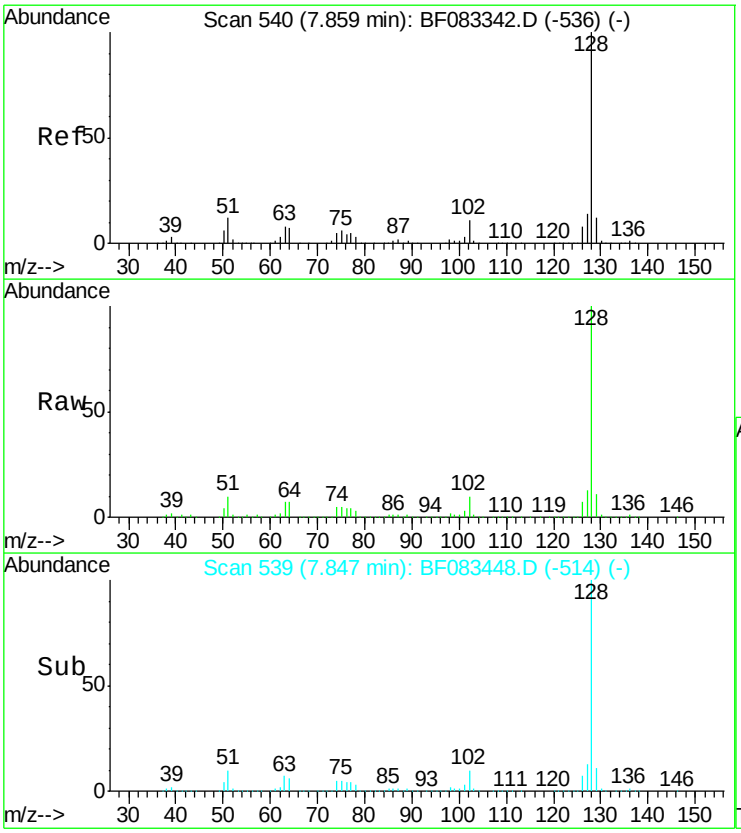
#23
Nitrobenzene-d5
Concen: 97.42 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion: 82 Resp: 1277768

Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.6	46.0
54	54.8	43.8	65.6

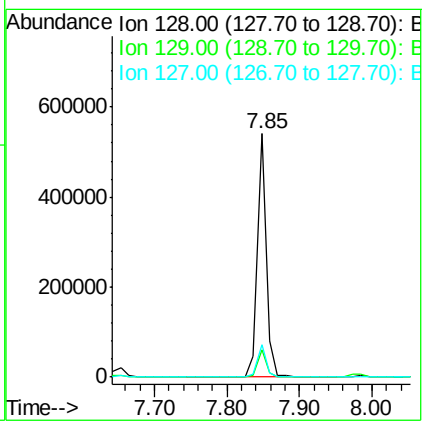


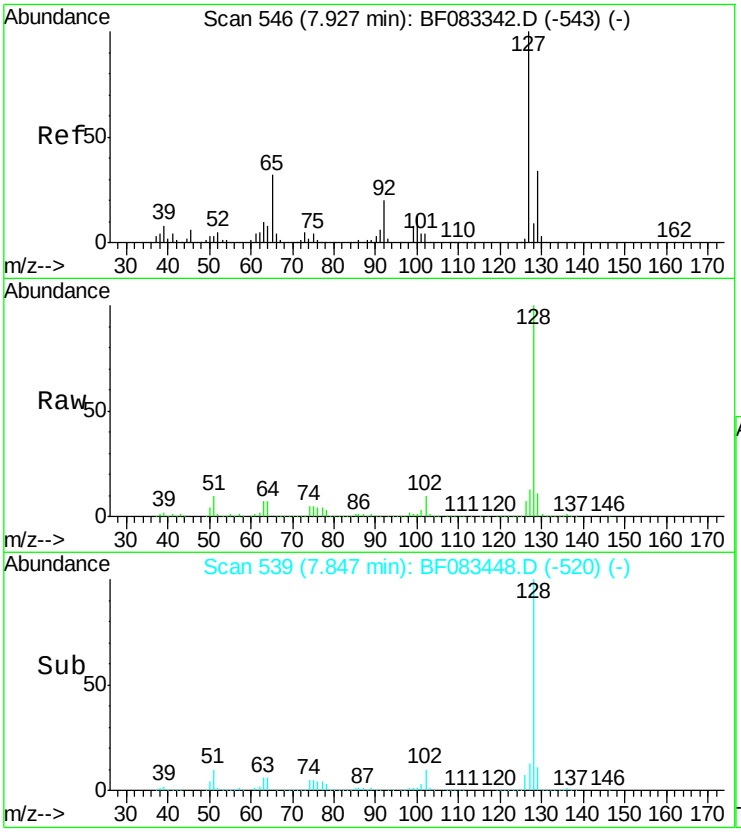


#31
Naphthalene
Concen: 15.01 ng
RT: 7.85 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion:128 Resp: 469626

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.7	14.5
127	13.3	11.0	16.4



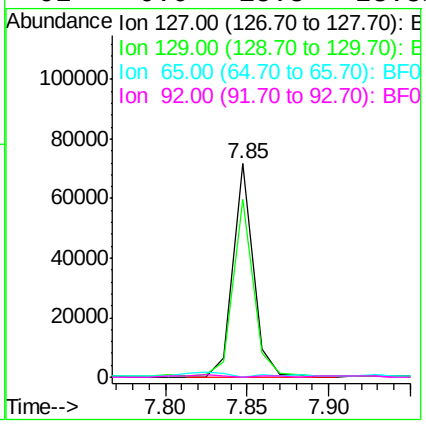


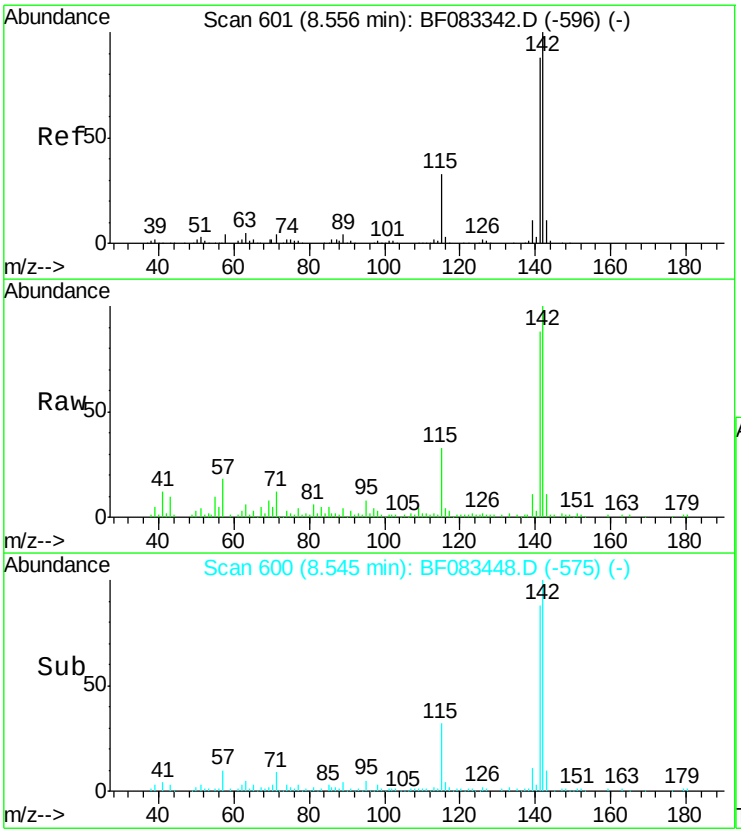
#33
4-Chloroaniline
Concen: 4.54 ng
RT: 7.85 min Scan# 539
Delta R.T. -0.08 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion:127 Resp: 61255

Ion	Ratio	Lower	Upper
127	100		
129	83.3	27.0	40.4#
65	0.0	25.9	38.9#
92	0.0	15.8	23.8#

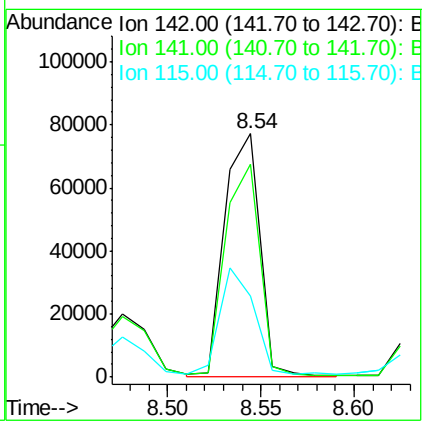


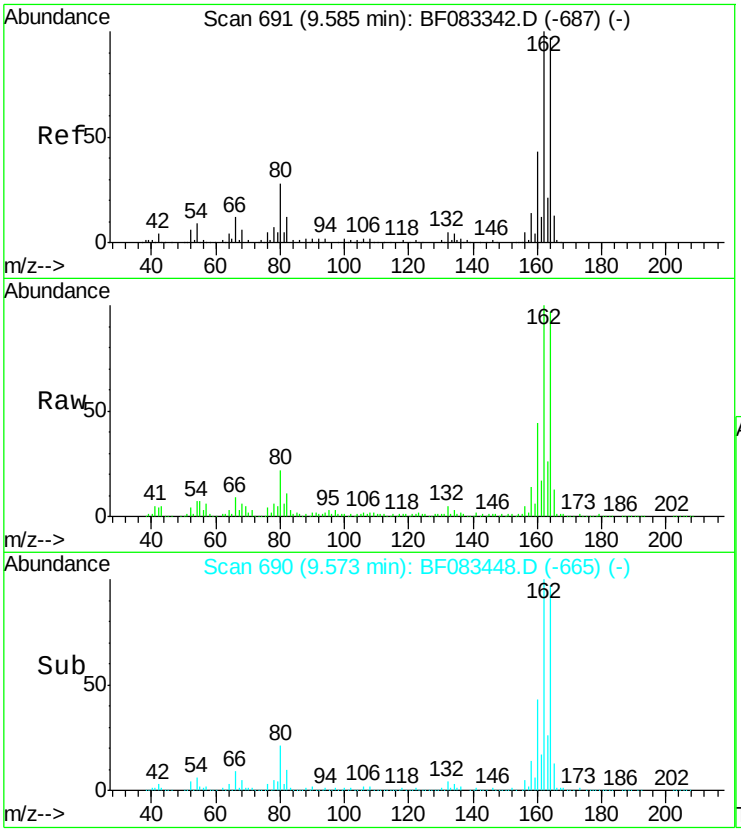


#37
2-Methylnaphthalene
Concen: 4.92 ng
RT: 8.54 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion:142 Resp: 102939

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.6	105.8
115	33.2	26.2	39.2



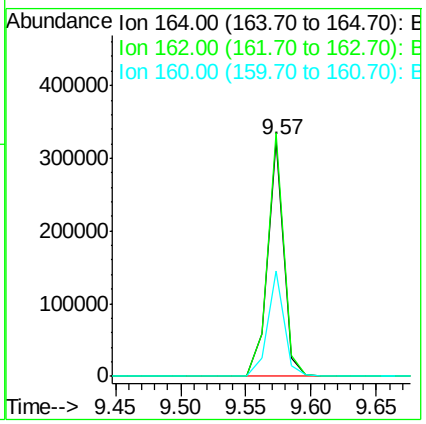


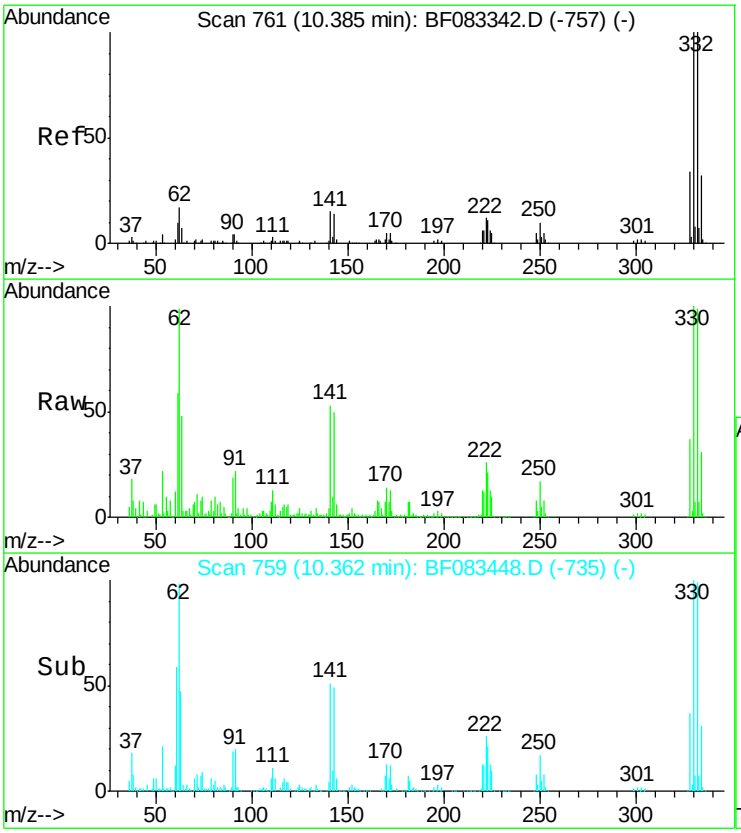
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion:164 Resp: 282679

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	44.9	35.3	52.9

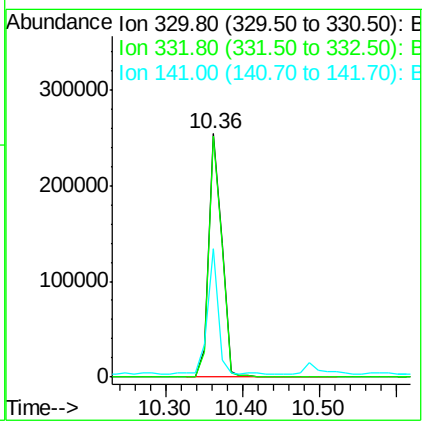


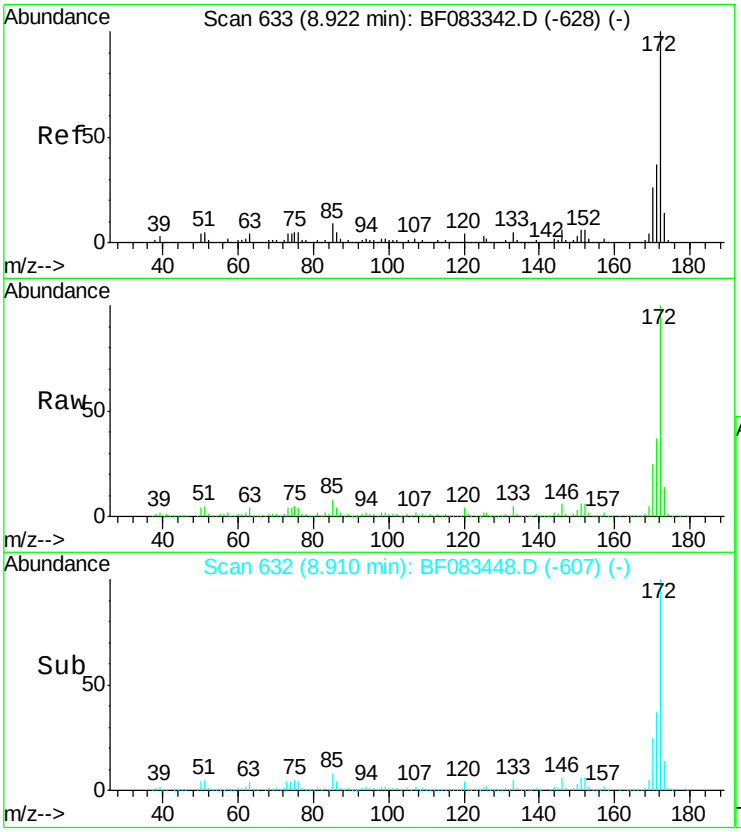


#41
2,4,6-Tribromophenol
Concen: 104.98 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion:330 Resp: 297885

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.8	116.6
141	42.8	29.4	44.0



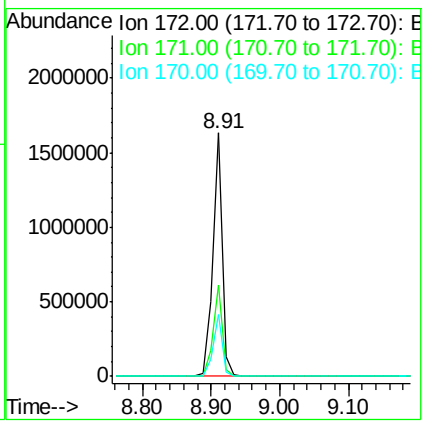


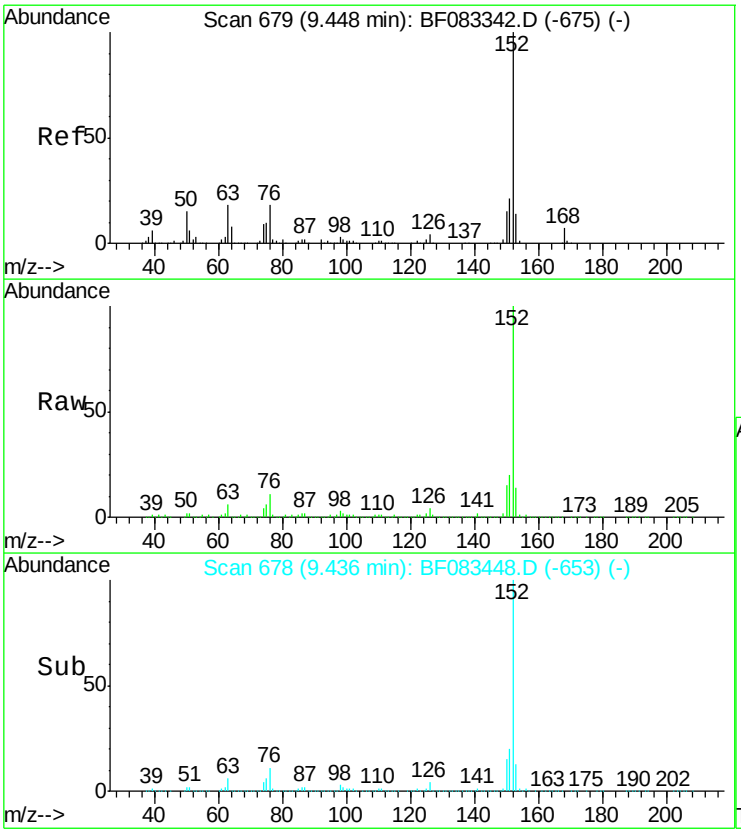
#44
2-Fluorobiphenyl
Concen: 79.93 ng
RT: 8.91 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion:172 Resp: 1585604

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.0
170	25.5	20.4	30.6

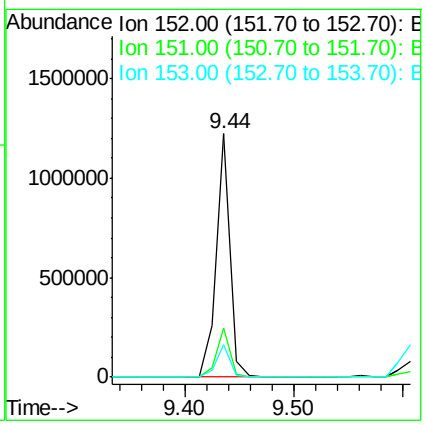


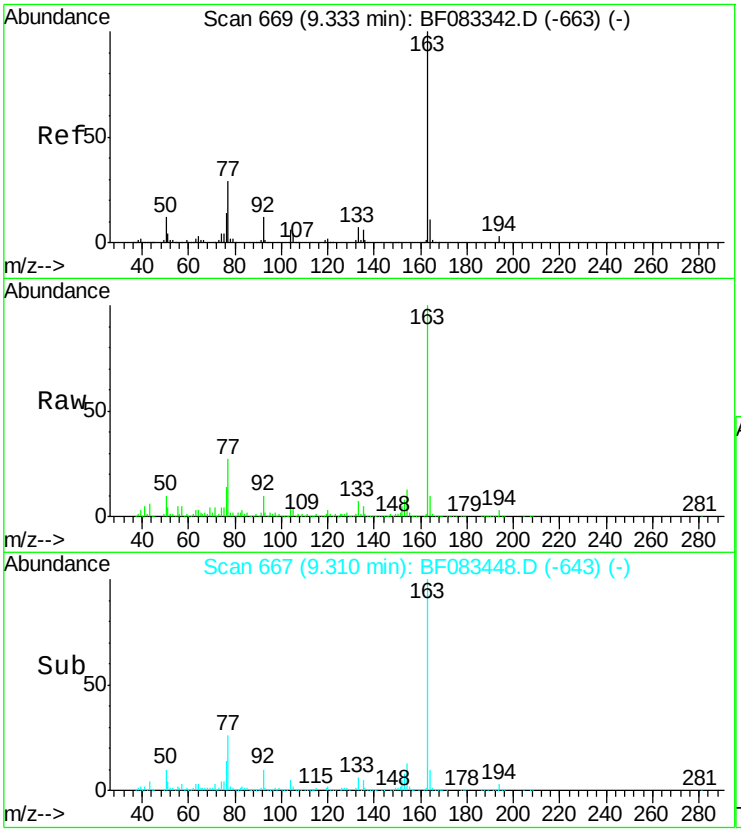


#48
Acenaphthylene
Concen: 36.12 ng
RT: 9.44 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion:152 Resp: 1088411

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1
153	13.6	11.2	16.8



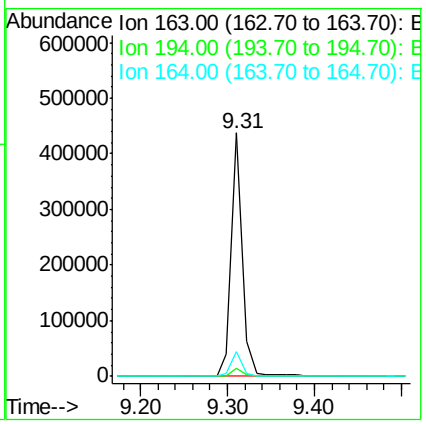


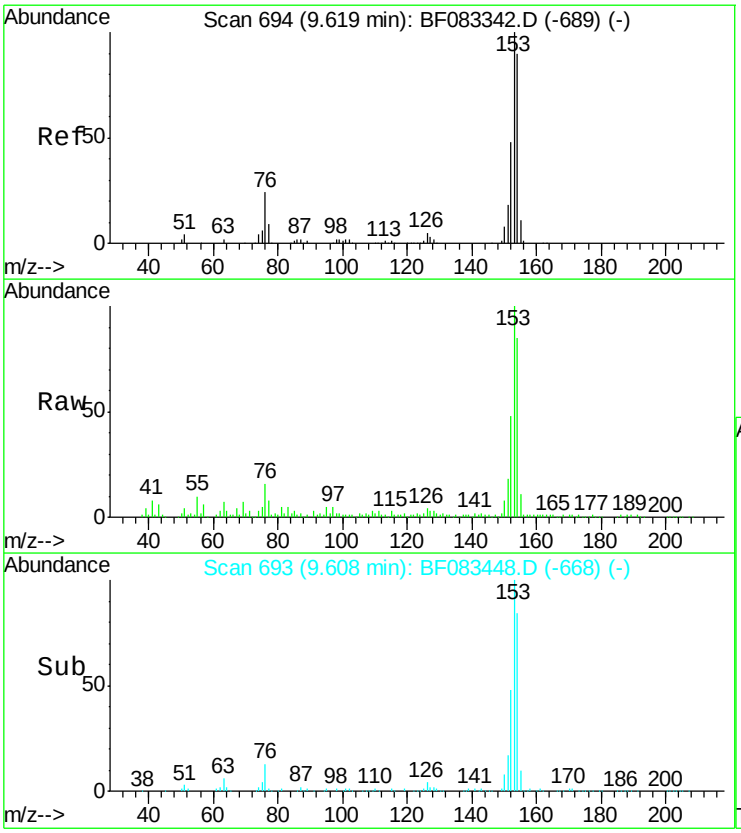
#49
Dimethylphthalate
Concen: 16.35 ng
RT: 9.31 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion:163 Resp: 375546

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.2	8.8	13.2

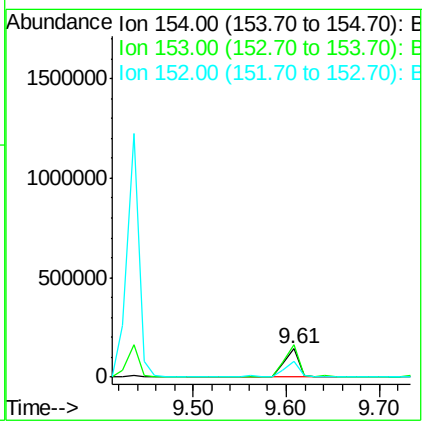


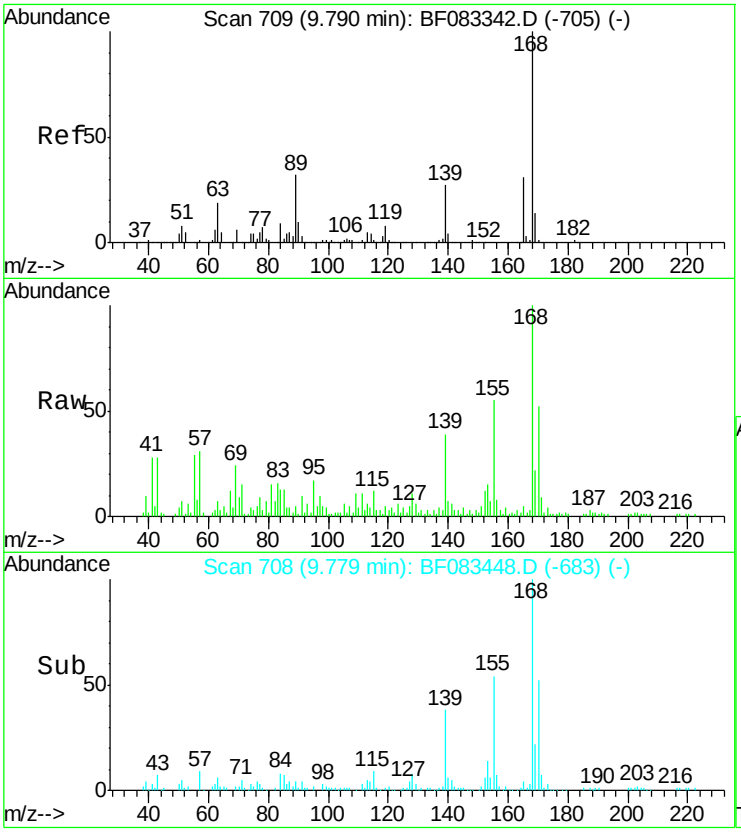


#51
Acenaphthene
Concen: 8.53 ng
RT: 9.61 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion:154 Resp: 151250

Ion	Ratio	Lower	Upper
154	100		
153	117.3	89.3	133.9
152	56.9	42.5	63.7



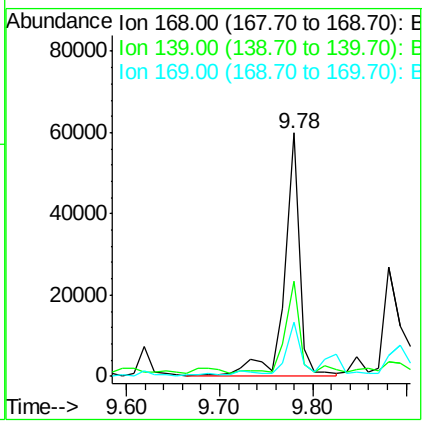


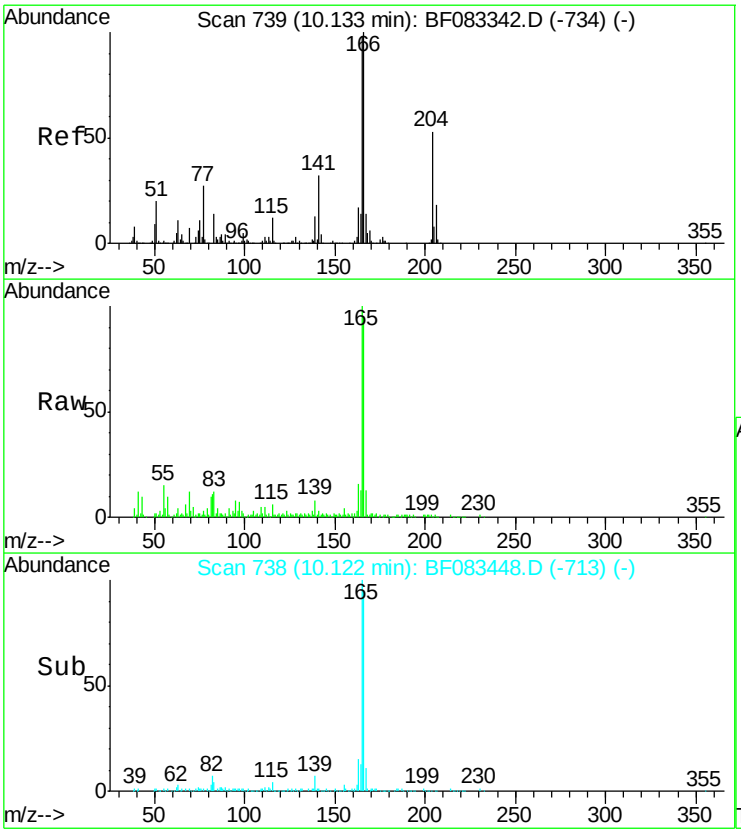
#54
Dibenzofuran
Concen: 2.63 ng
RT: 9.78 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion:168 Resp: 68261

Ion	Ratio	Lower	Upper
168	100		
139	38.9	32.7	49.1
169	22.2	11.1	16.7#

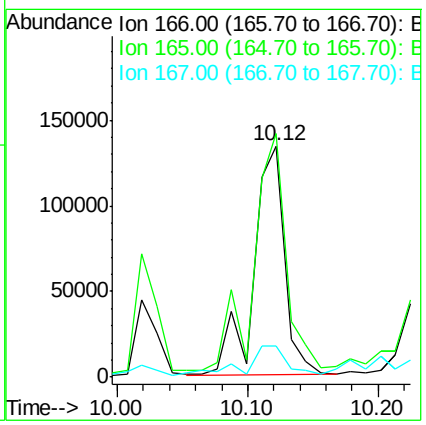


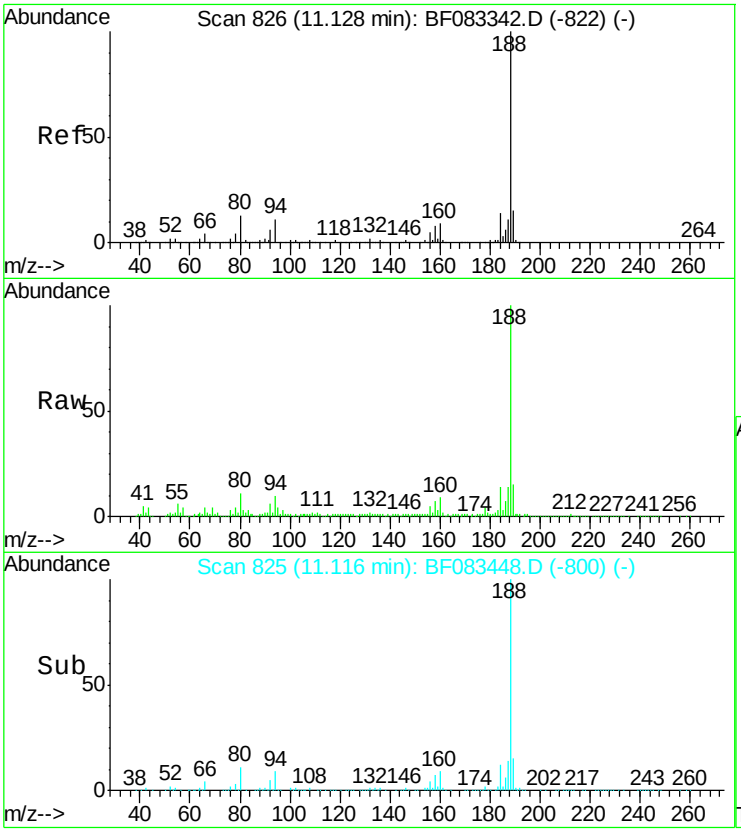


#57
Fluorene
Concen: 10.85 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion:166 Resp: 222536

Ion	Ratio	Lower	Upper
166	100		
165	105.4	78.3	117.5
167	13.5	11.1	16.7



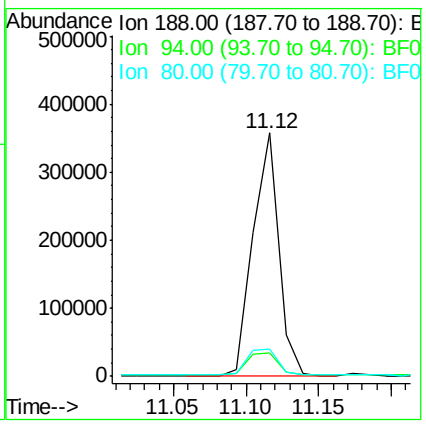


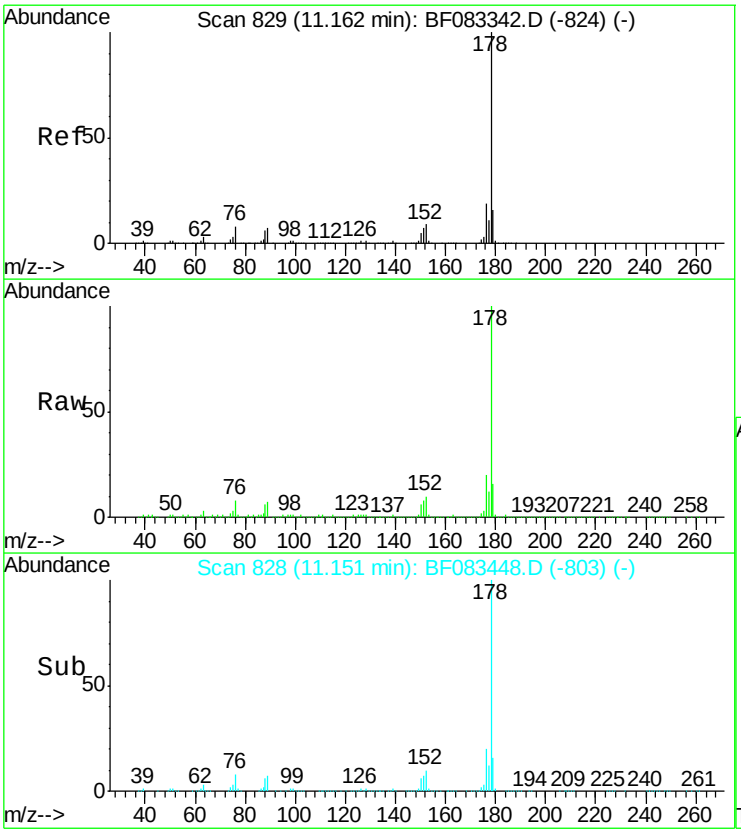
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion:188 Resp: 441578

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.7	13.1
80	11.0	10.3	15.5

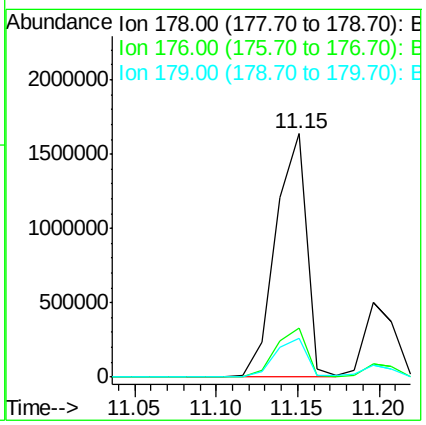


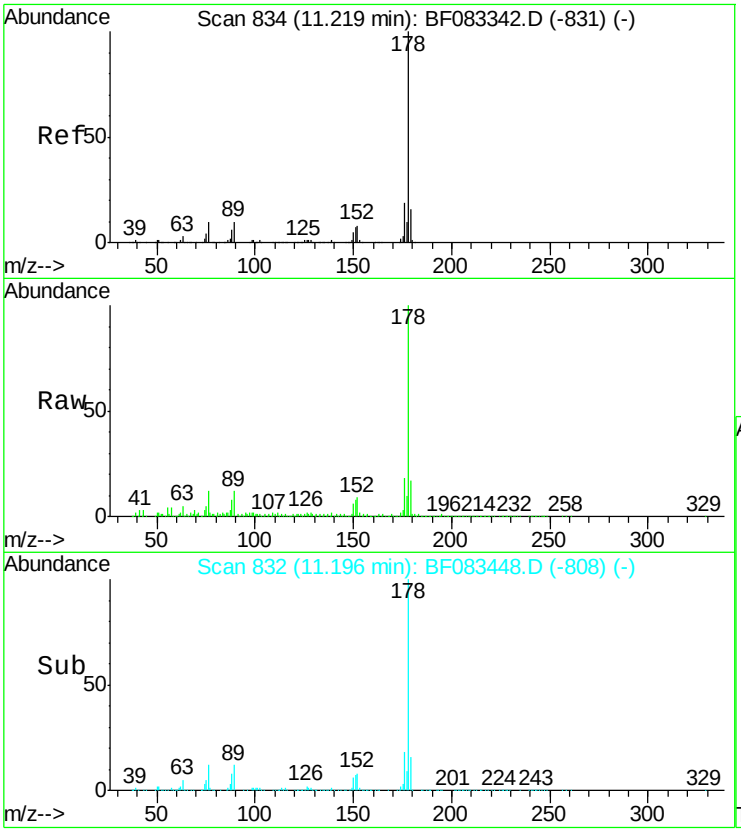


#70
Phenanthrene
Concen: 82.85 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion:178 Resp: 2165046

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.3	22.9
179	16.0	12.4	18.6



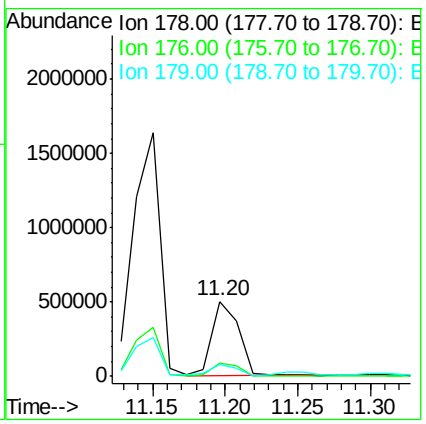


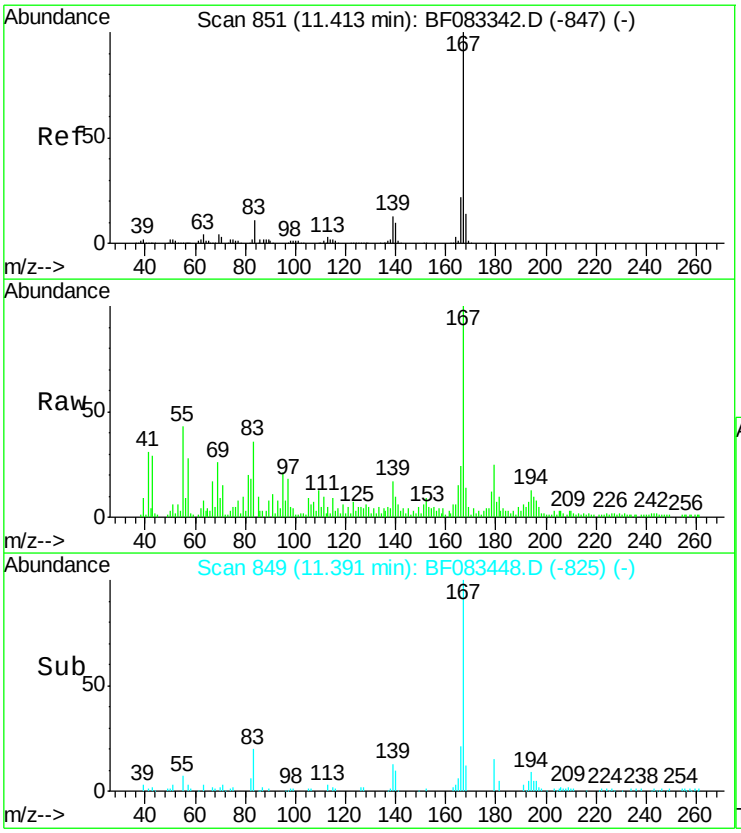
#71
Anthracene
Concen: 24.39 ng
RT: 11.20 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion:178 Resp: 641627

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	16.6	12.8	19.2

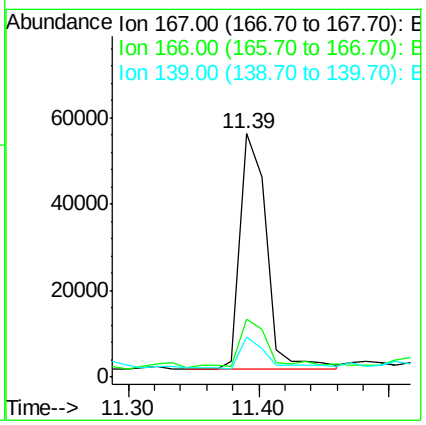


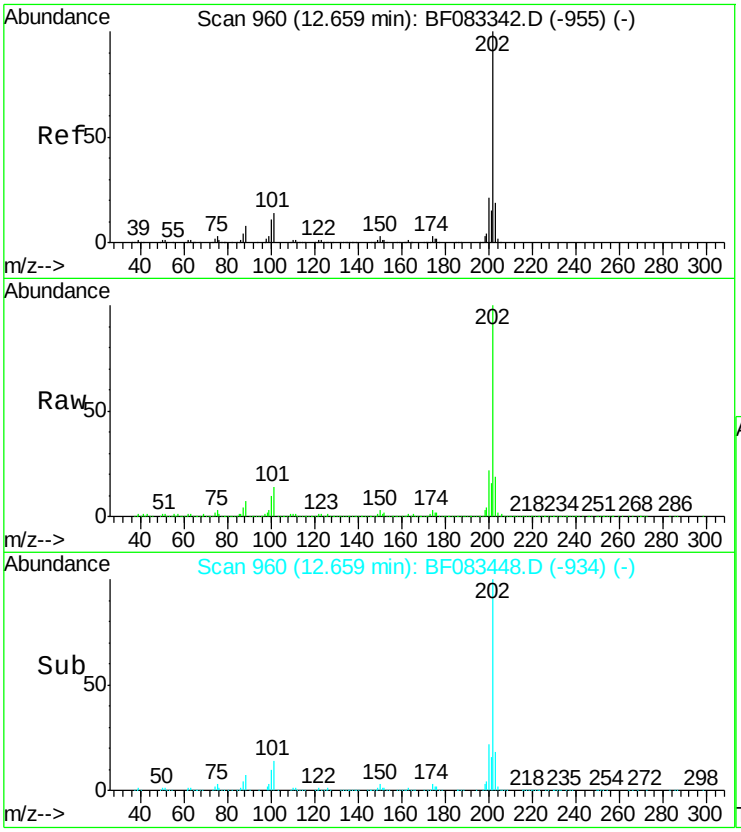


#72
Carbazole
Concen: 3.24 ng
RT: 11.39 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion:167 Resp: 76602

Ion	Ratio	Lower	Upper
167	100		
166	23.8	17.4	26.0
139	16.6	10.5	15.7#



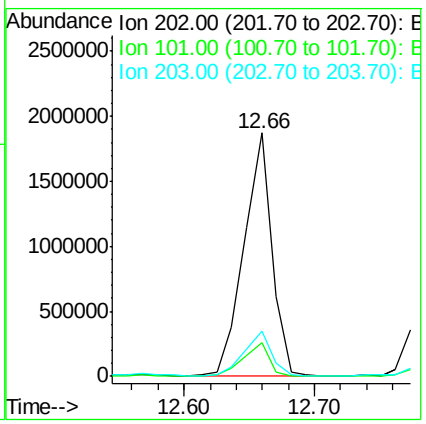


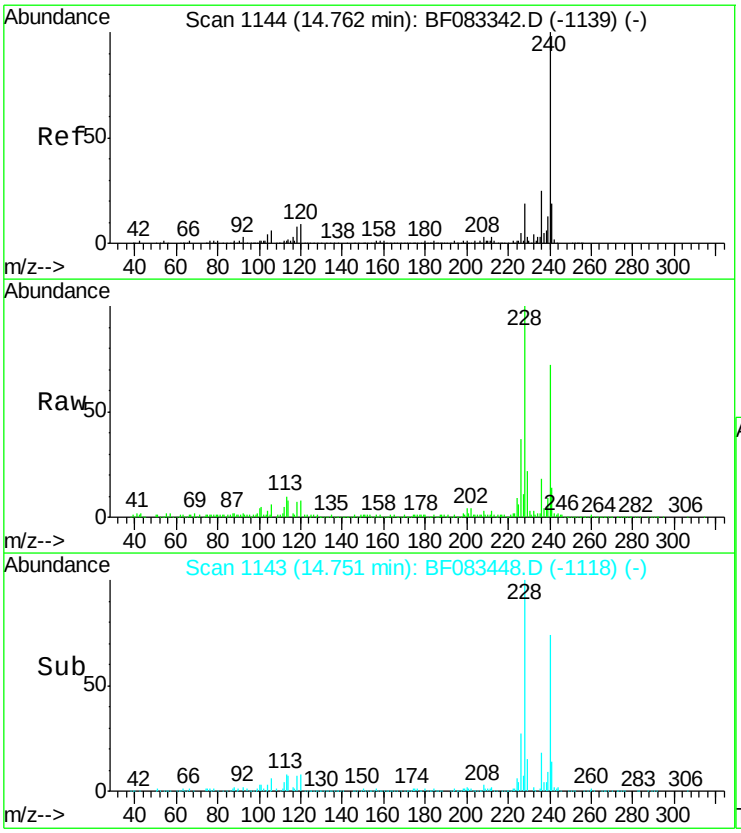
#74
Fluoranthene
Concen: 102.75 ng
RT: 12.66 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion:202 Resp: 2783221

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.5
203	18.5	0.0	38.7

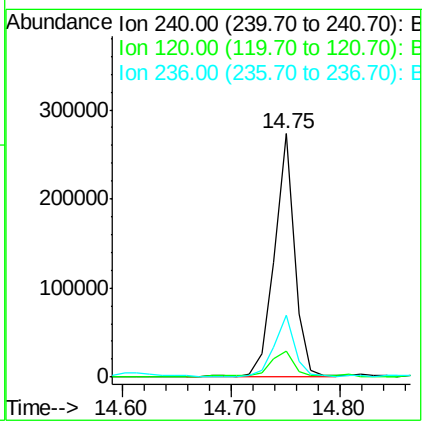


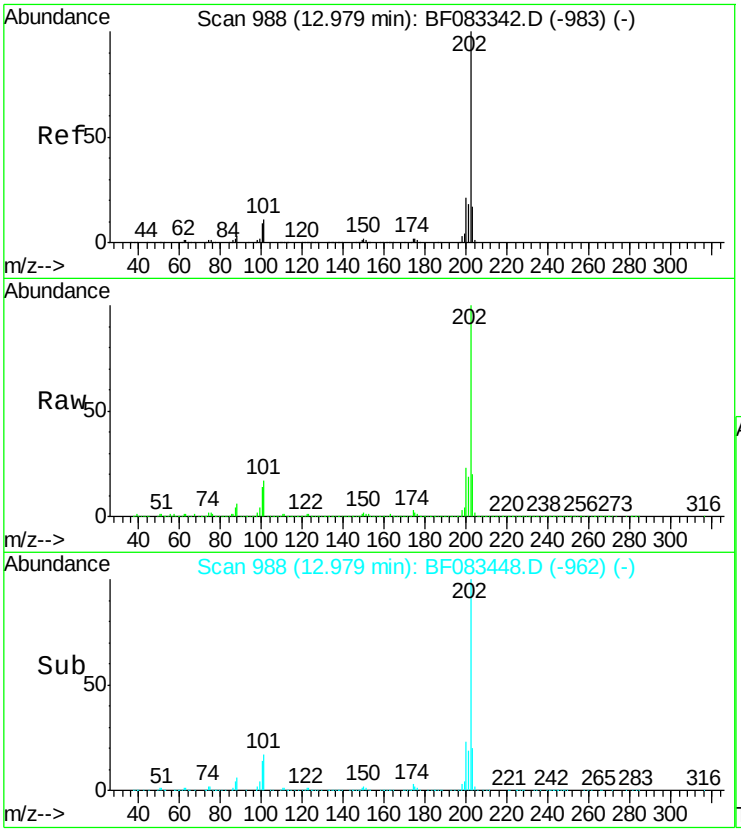


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion:240 Resp: 348448

Ion	Ratio	Lower	Upper
240	100		
120	10.7	6.9	10.3#
236	25.5	19.8	29.6



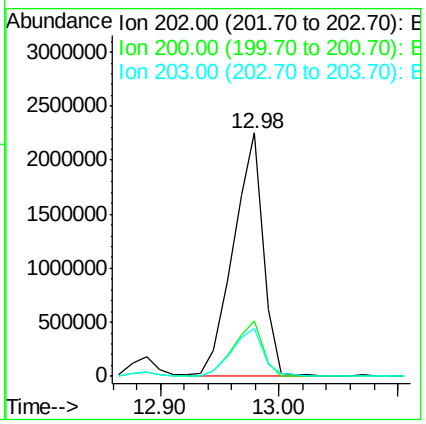


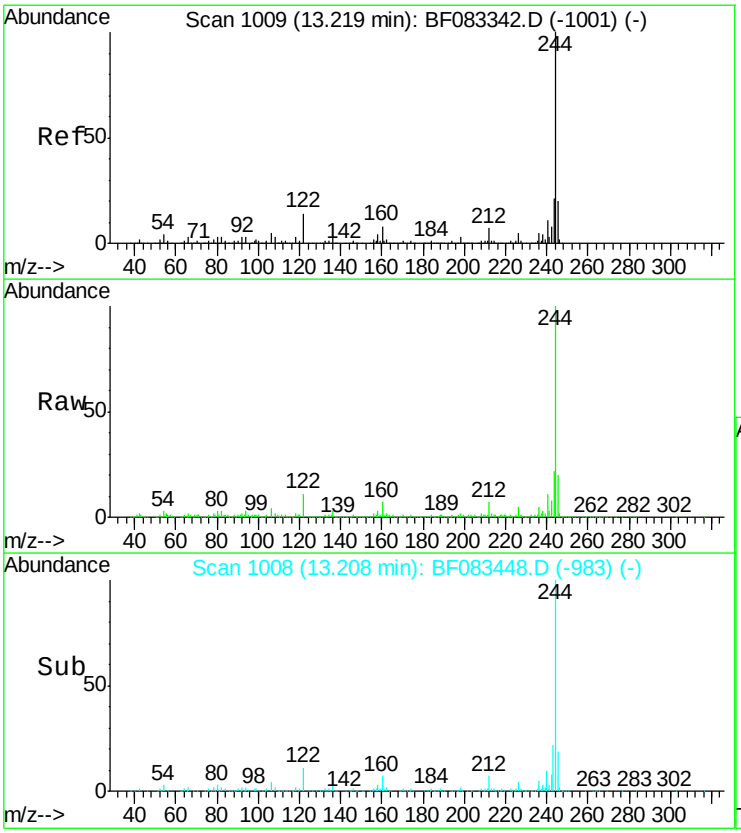
#77
Pyrene
Concen: 160.88 ng
RT: 12.98 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion:202 Resp: 3914874

Ion	Ratio	Lower	Upper
202	100		
200	23.0	16.9	25.3
203	19.7	13.9	20.9

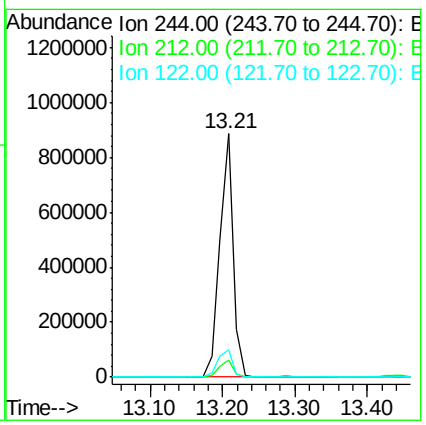


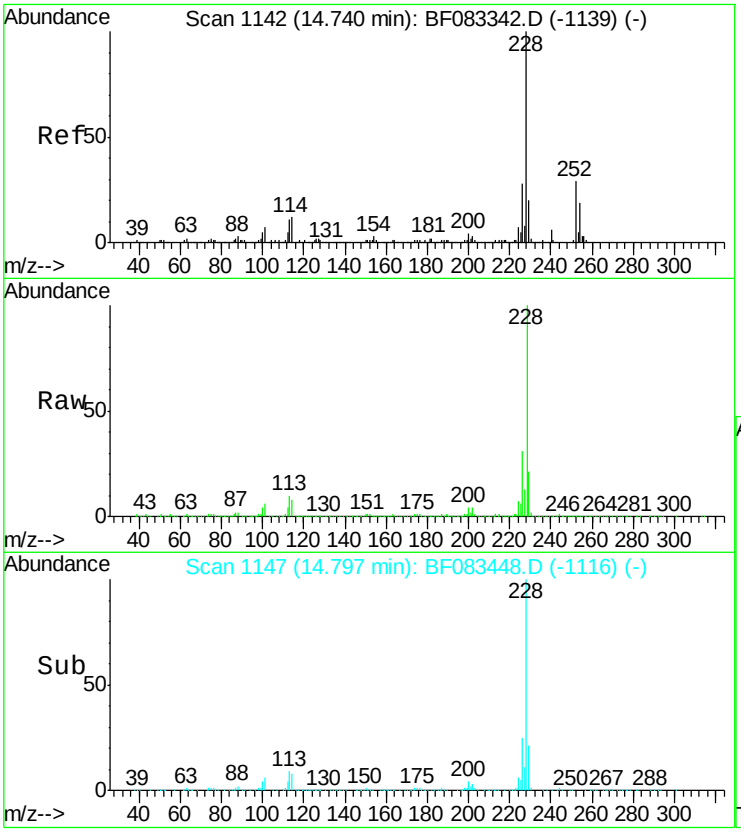


#78
Terphenyl-d14
Concen: 77.38 ng
RT: 13.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion:244 Resp: 1130656

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.5	11.0	16.4



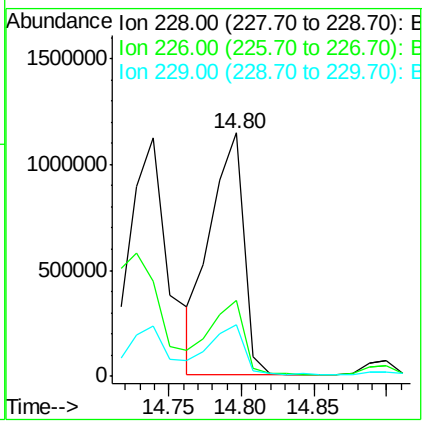


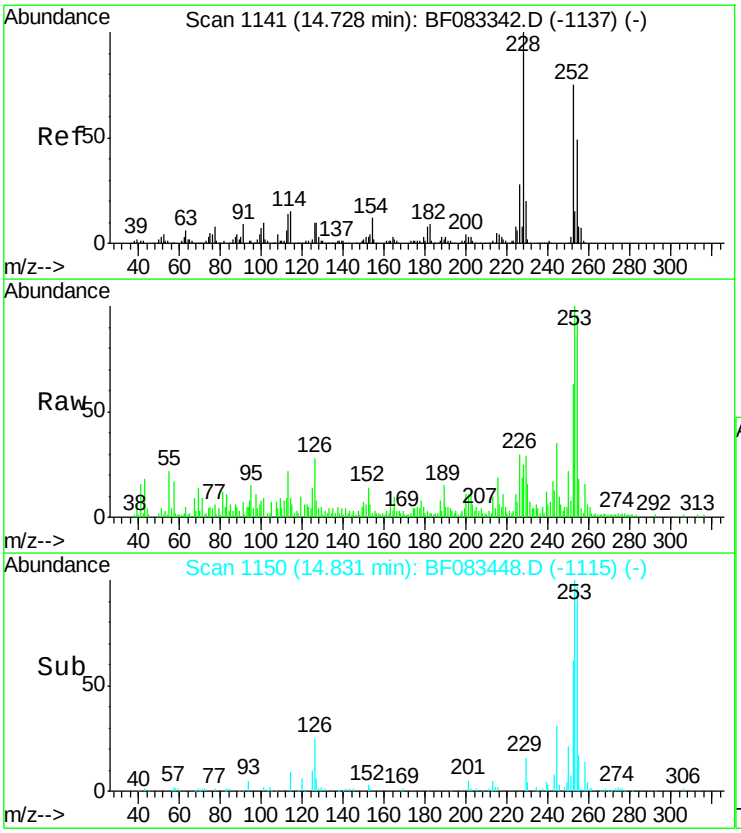
#80
Benzo(a)anthracene
Concen: 86.31 ng
RT: 14.80 min Scan# 1147
Delta R.T. 0.06 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion:228 Resp: 1842559

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.2	33.4
229	21.2	16.1	24.1

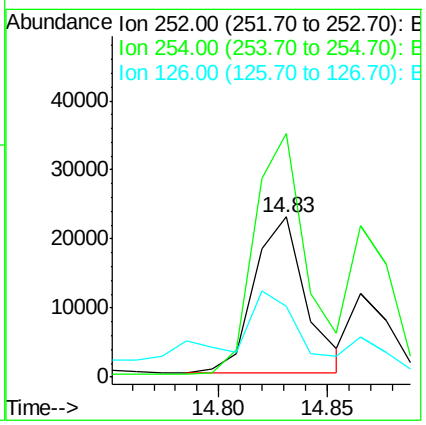


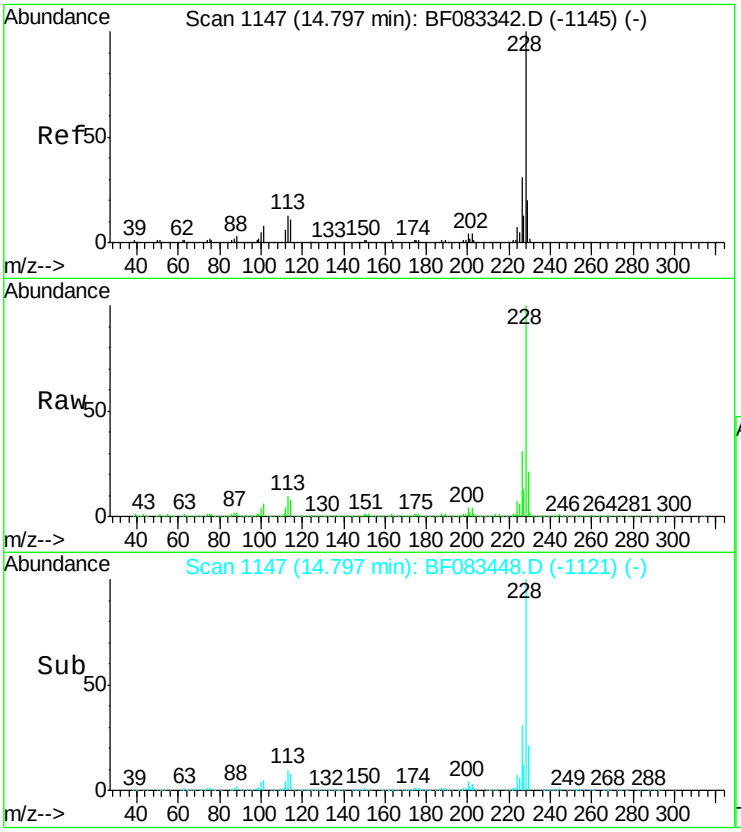


#81
3,3'-Dichlorobenzidine
Concen: 5.60 ng
RT: 14.83 min Scan# 1150
Delta R.T. 0.10 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion:252 Resp: 37321

Ion	Ratio	Lower	Upper
252	100		
254	152.0	52.0	78.0#
126	44.2	10.7	16.1#



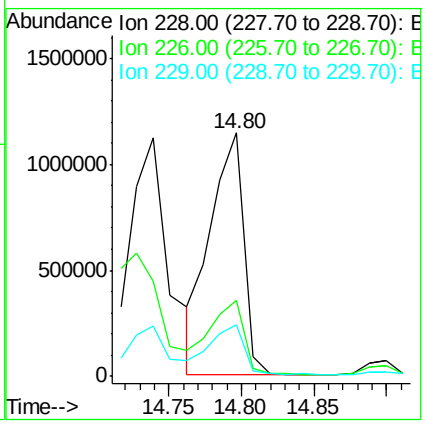


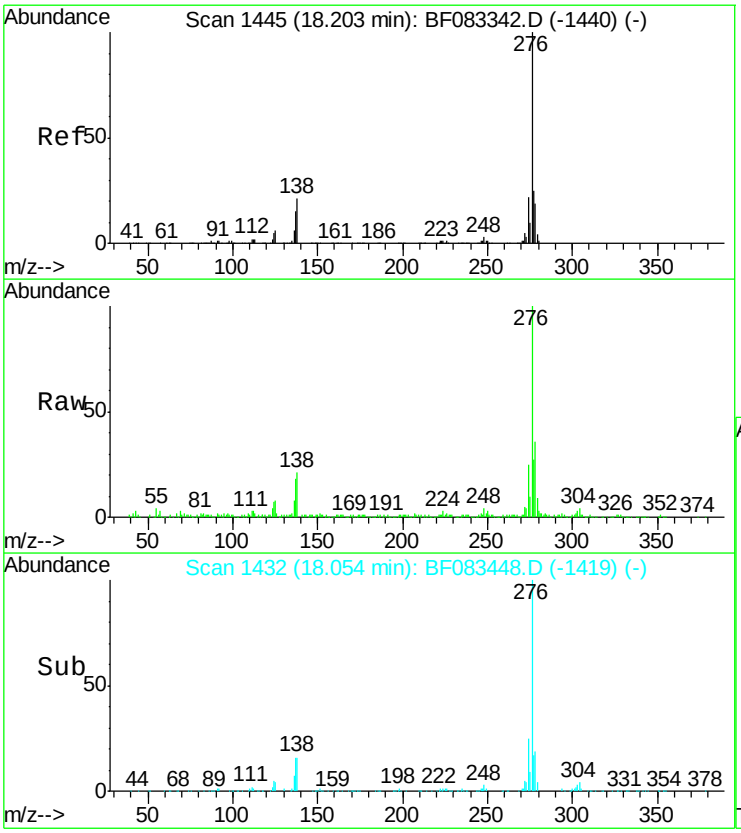
#82
Chrysene
Concen: 89.33 ng
RT: 14.80 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion:228 Resp: 1842559

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	21.2	16.2	24.2

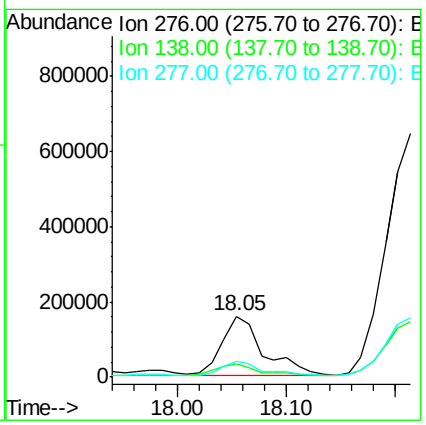


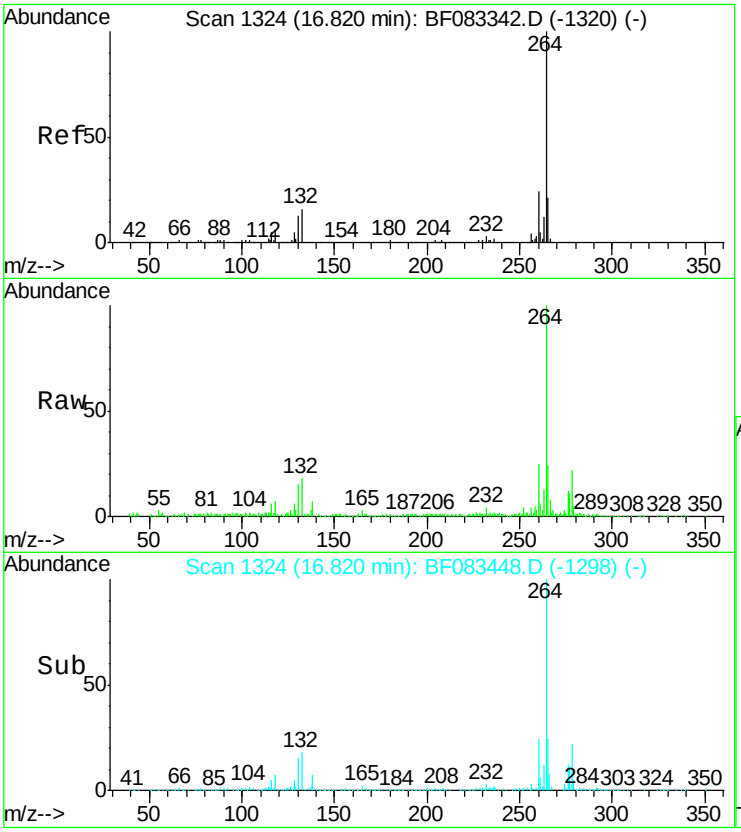


#85
Indeno(1,2,3-cd)pyrene
Concen: 26.79 ng
RT: 18.05 min Scan# 1432
Delta R.T. -0.15 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion:276 Resp: 402399

Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.2	31.8
277	25.2	20.0	30.0



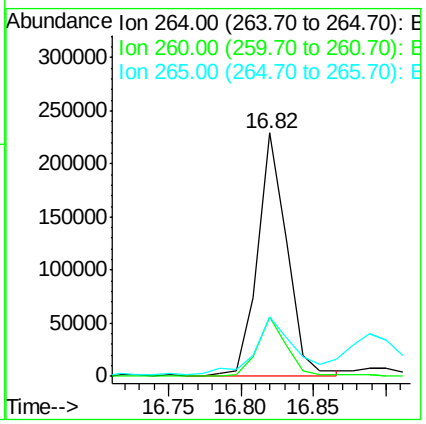


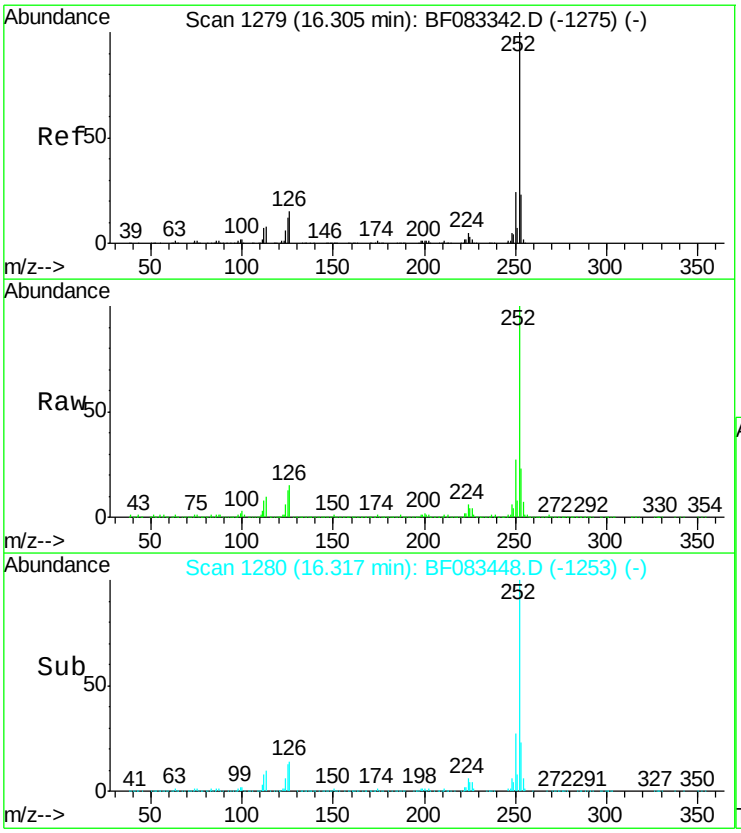
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.82 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion:264 Resp: 320274

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	24.2	16.8	25.2

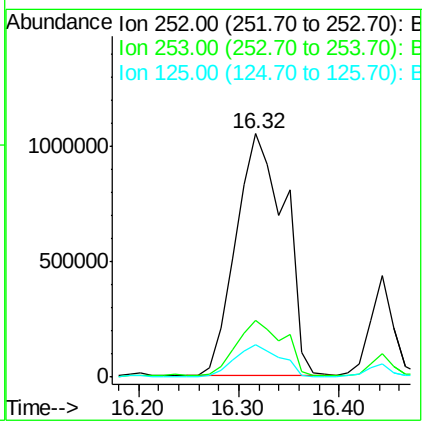


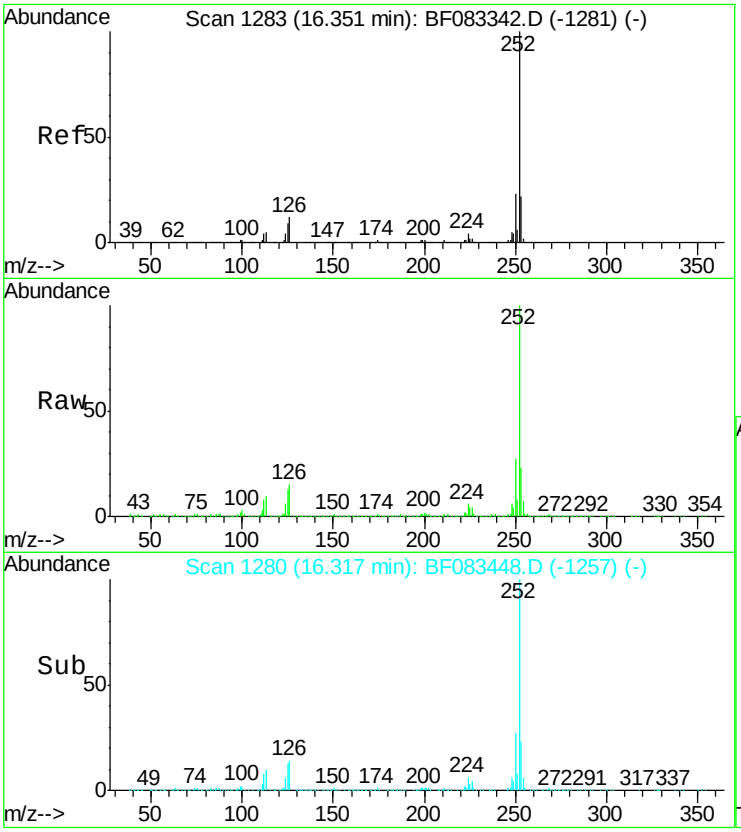


#87
Benzo(b)fluoranthene
Concen: 173.04 ng
RT: 16.32 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion:252 Resp: 3556129

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	13.1	9.6	14.4



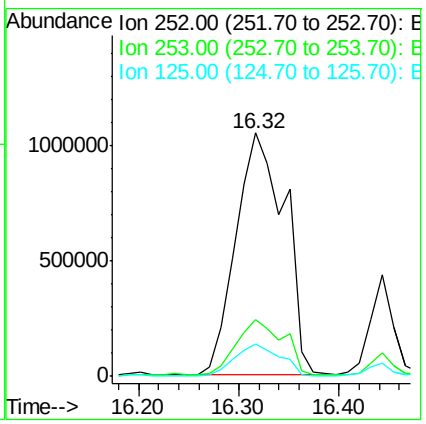


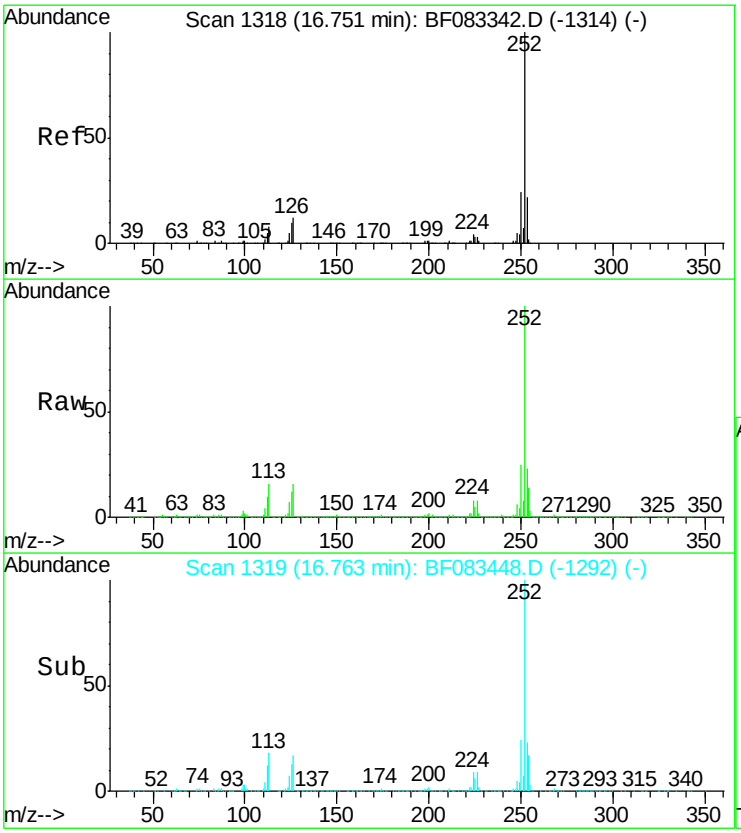
#88
Benzo(k)fluoranthene
Concen: 183.26 ng
RT: 16.32 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion:252 Resp: 3556129

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	13.1	7.5	11.3#

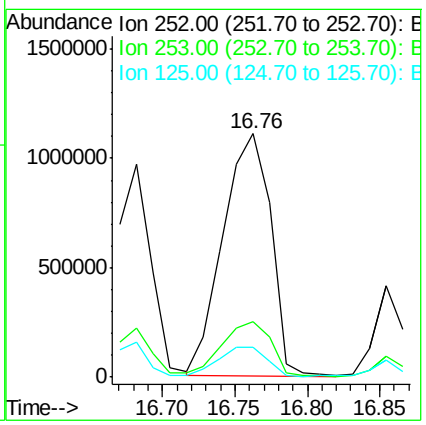


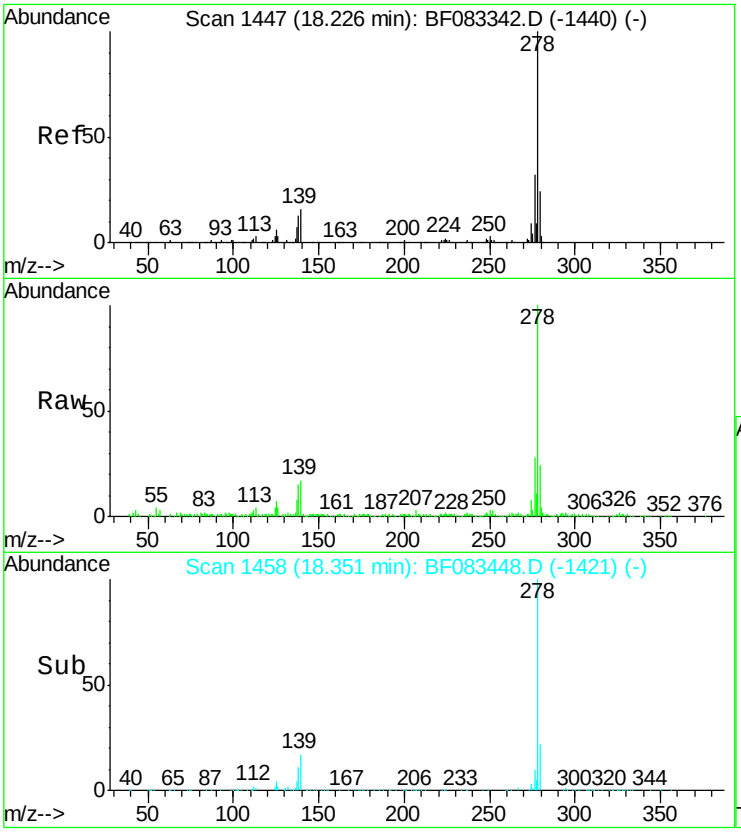


#89
Benzo(a)pyrene
Concen: 144.01 ng
RT: 16.76 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion:252 Resp: 2541846

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	12.5	7.8	11.8#



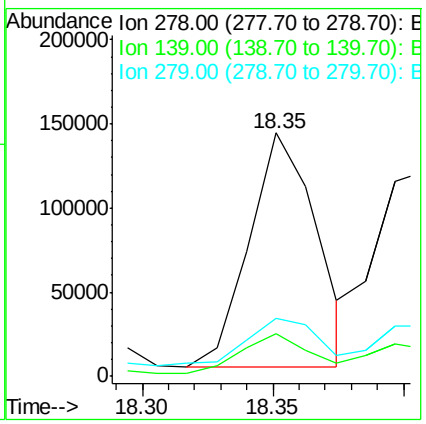


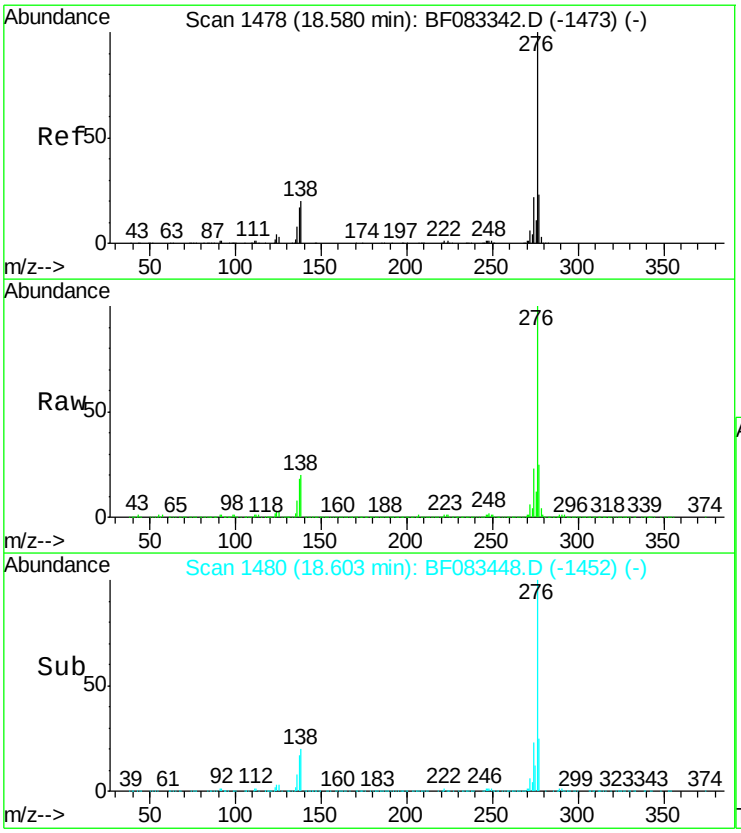
#90
Dibenzo(a,h)anthracene
Concen: 16.38 ng
RT: 18.35 min Scan# 1458
Delta R.T. 0.13 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)

Tgt Ion:278 Resp: 251979

Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.1	19.7
279	23.7	19.2	28.8





#91
Benzo(g,h,i)perylene
Concen: 115.15 ng
RT: 18.60 min Scan# 1480
Delta R.T. 0.02 min
Lab File: BF083448.D
Acq: 3 Dec 2015 7:24

Tgt Ion:276 Resp: 1738123

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	20.2	16.1	24.1