Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
Data File : BF083675.D
Acq On : 10 Dec 2015 9:44
Operator : UM/IZ
Sample : G4582-06DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-04(10-13)DL

Quant Time: Dec 10 12:29:48 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	146241	20.00	ng		-0.02
21) Naphthalene-d8	7.57	136	546915	20.00	ng		-0.03
38) Acenaphthene-d10	10.36	164	252629	20.00	ng		-0.02
63) Phenanthrene-d10	12.76	188	383084	20.00	ng		-0.02
75) Chrysene-d12	16.97	240	322154	20.00	ng		-0.02
86) Perylene-d12	18.63	264	267737	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.96	112	780455	80.94	ng		-0.01
7) Phenol-d6	5.24	99	1085484	84.26	ng		-0.03
23) Nitrobenzene-d5	6.51	82	643929	54.94	ng		-0.02
41) 2,4,6-Tribromophenol	11.65	330	141930	63.06	ng		-0.03
44) 2-Fluorobiphenyl	9.32	172	970033	54.04	ng		-0.02
78) Terphenyl-d14	15.39	244	659948	48.20	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	7.61	128	1445772	49.91	ng		99
32) Benzoic acid	7.45	122	238	3.08	ng	#	1
33) 4-Chloroaniline	7.61	127	195966	18.55	ng	#	27
35) Caprolactam	8.34	113	6226	2.53	ng	#	1
37) 2-Methylnaphthalene	8.72	142	307617	16.91	ng		99
45) 1,1'-Biphenyl	9.47	154	180032	8.20	ng		99
48) Acenaphthylene	10.14	152	114226	4.18	ng	#	91
49) Dimethylphthalate	10.01	163	168898	8.40	ng		100
51) Acenaphthene	10.42	154	550329	35.16	ng		99
53) 2,4-Dinitrophenol	10.67	184	500	5.83	ng	#	1
54) Dibenzofuran	10.72	168	47602	2.19	ng	#	80
55) 4-Nitrophenol	10.80	139	4882	2.51	ng	#	58
57) Fluorene	11.25	166	320628	16.93	ng		98
64) 4,6-Dinitro-2-methylphenol	11.41	198	280	2.05	ng	#	1
70) Phenanthrene	12.81	178	1449549	65.86	ng		99
71) Anthracene	12.89	178	441933	19.38	ng		98
74) Fluoranthene	14.73	202	539715	23.97	ng		99
77) Pyrene	15.08	202	726968	31.34	ng		97
80) Benzo(a)anthracene	17.01	228	197044	10.45	ng		95
82) Chrysene	17.01	228	198602	10.51	ng		98
85) Indeno(1,2,3-cd)pyrene	19.89	276	46420	3.64	ng	#	100
87) Benzo(b)fluoranthene	18.25	252	186277	12.22	ng	#	97
88) Benzo(k)fluoranthene	18.25	252	186277	11.09	ng		98
89) Benzo(a)pyrene	18.52	252	81358	5.47	ng		97
91) Benzo(g,h,i)perylene	20.25	276	45604	4.11	ng		93

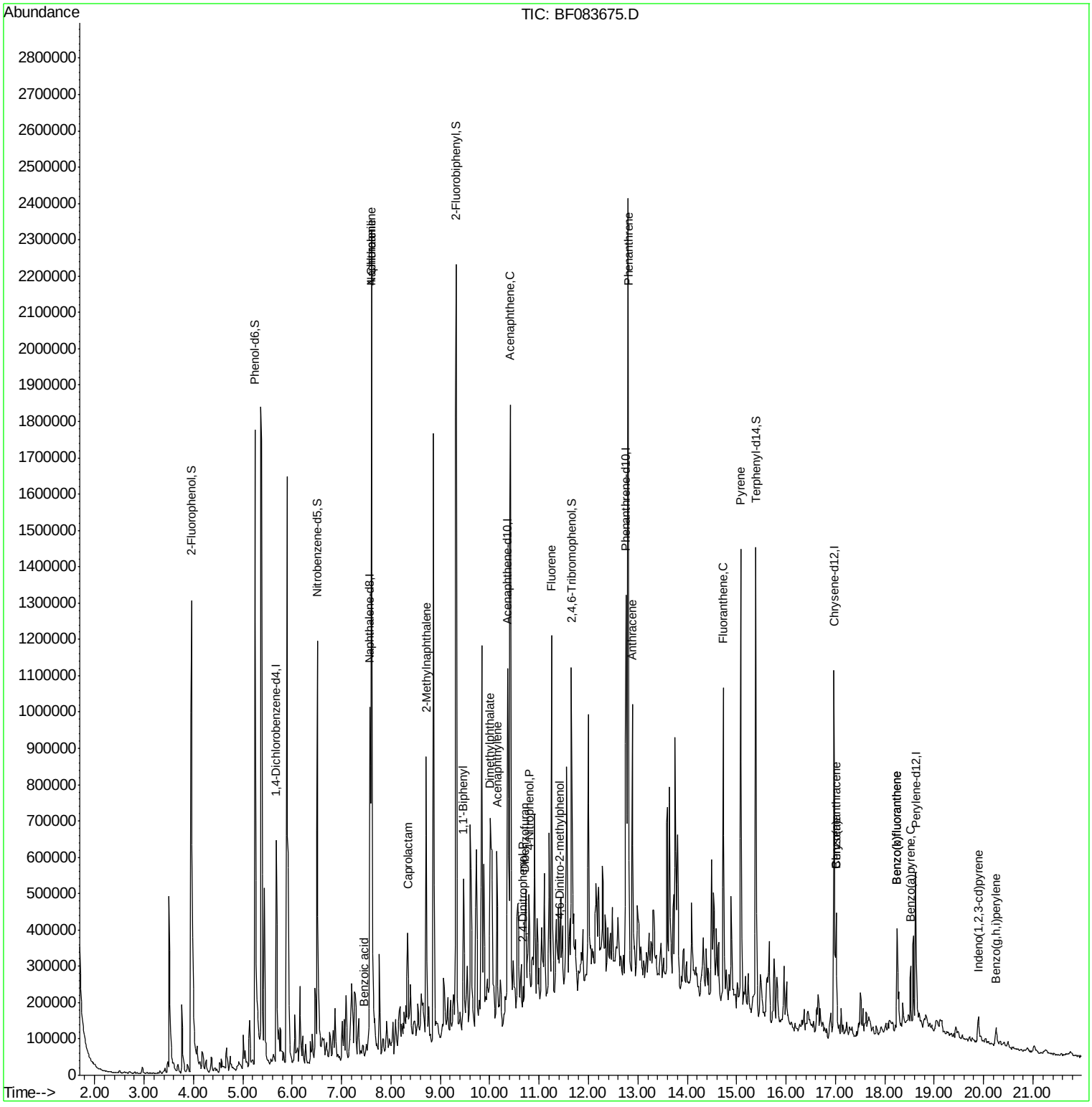
(#) = qualifier out of range (m) = manual integration (+) = signals summed

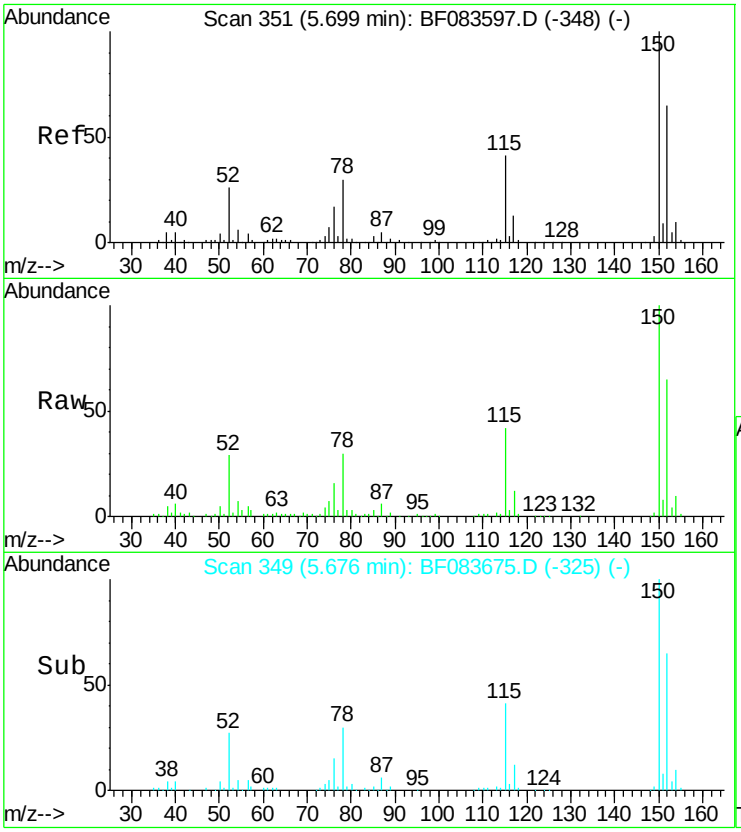
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
Data File : BF083675.D
Acq On : 10 Dec 2015 9:44
Operator : UM/IZ
Sample : G4582-06DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Quant Time: Dec 10 12:29:48 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



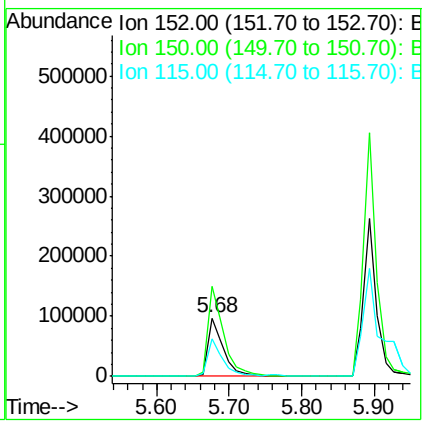


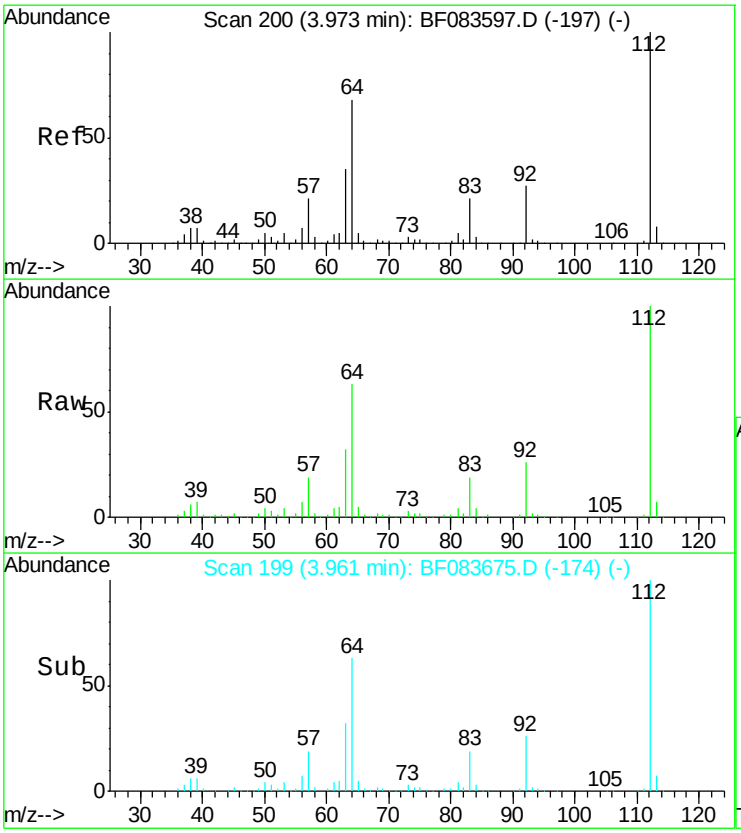
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.68 min Scan# 349
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion:152 Resp: 146241

Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.5	189.7
115	64.0	52.3	78.5

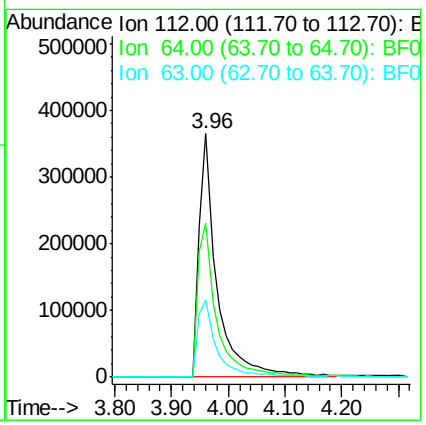


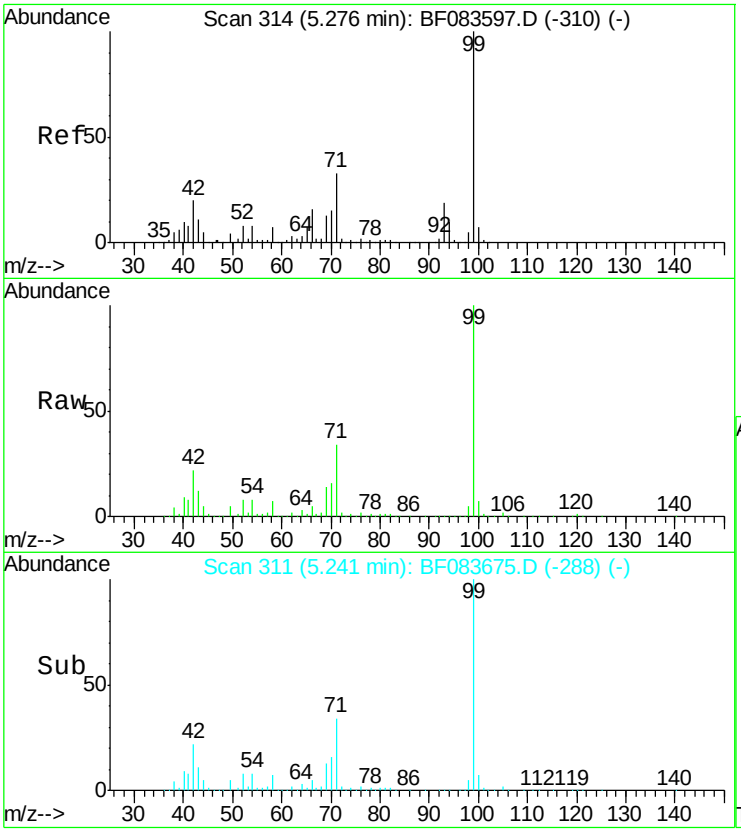


#5
2-Fluorophenol
Concen: 80.94 ng
RT: 3.96 min Scan# 199
Delta R.T. -0.01 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:112 Resp: 780455

Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.5	75.7
63	31.9	25.8	38.6



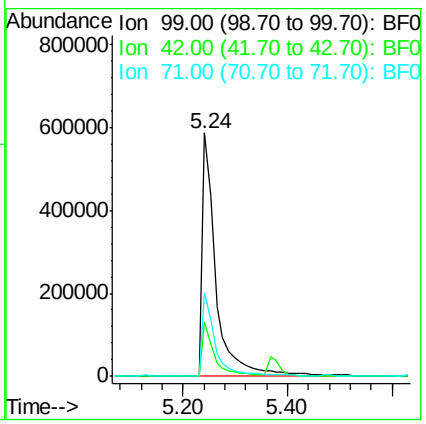


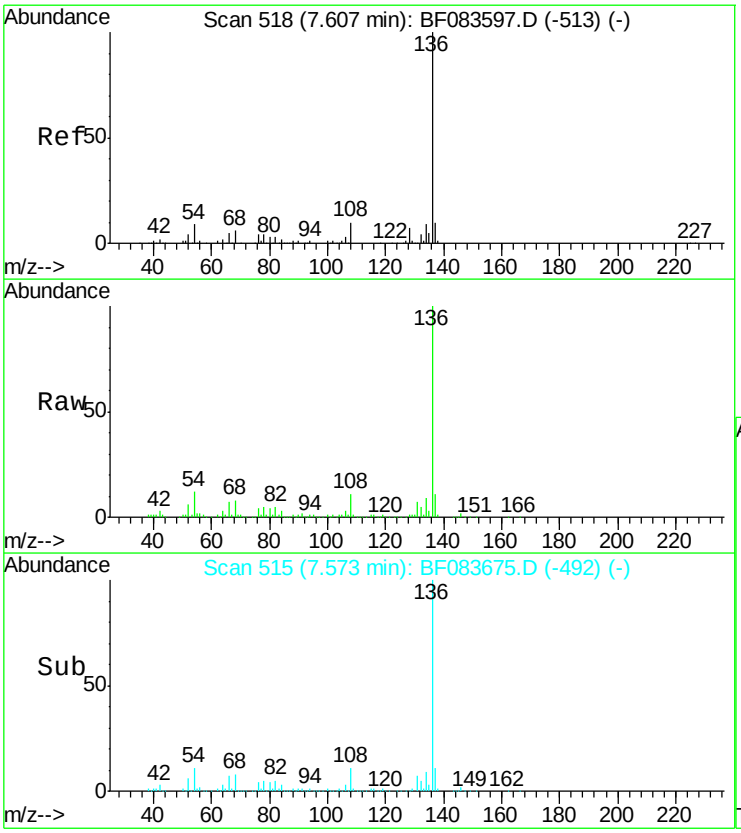
#7
Phenol-d6
Concen: 84.26 ng
RT: 5.24 min Scan# 311
Delta R.T. -0.03 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion: 99 Resp: 1085484

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.3	25.9
71	34.5	26.6	40.0

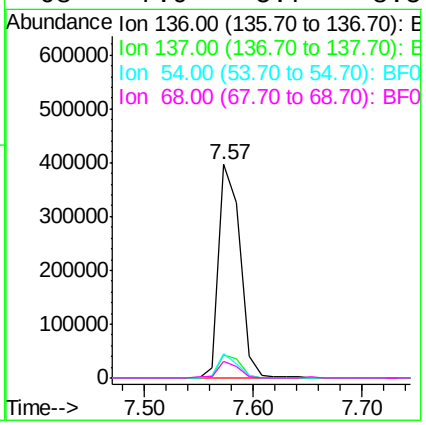


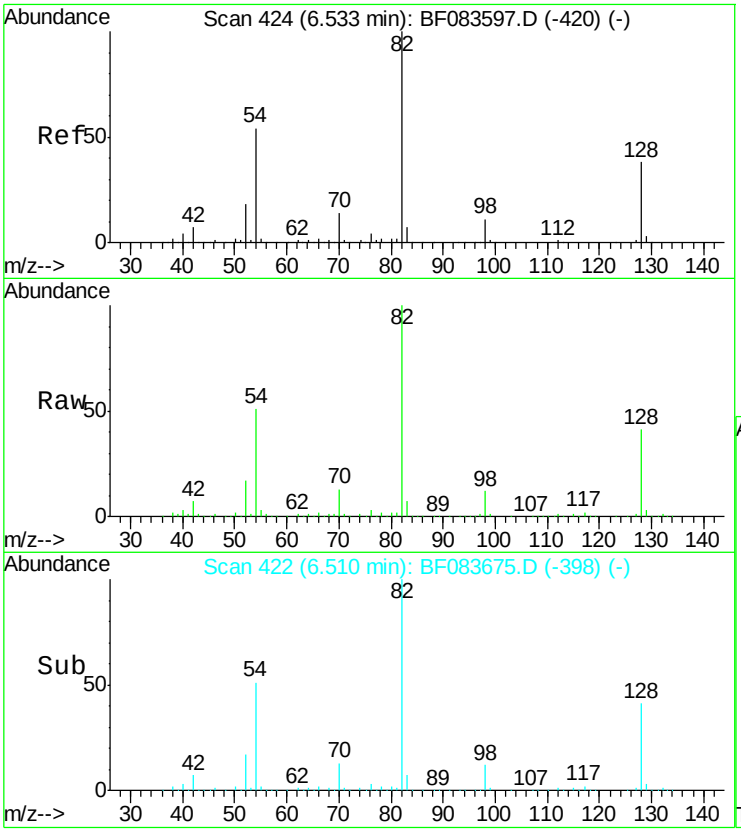


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.57 min Scan# 515
Delta R.T. -0.03 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:136 Resp: 546915

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	11.6	7.8	11.6
68	7.9	5.7	8.5



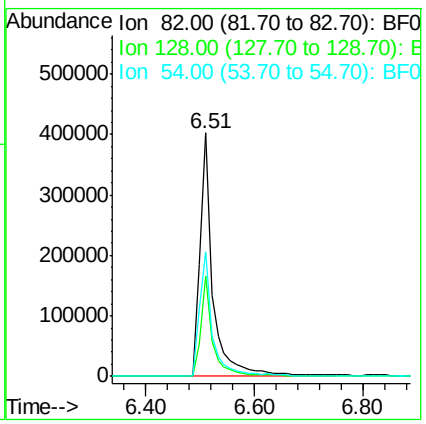


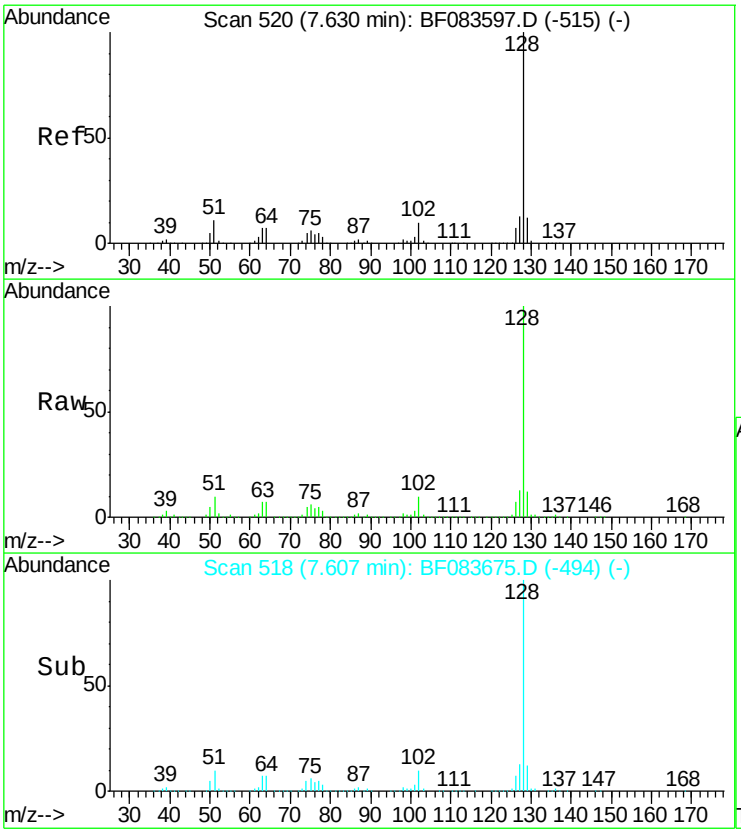
#23
Nitrobenzene-d5
Concen: 54.94 ng
RT: 6.51 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion: 82 Resp: 643929

Ion	Ratio	Lower	Upper
82	100		
128	41.2	30.7	46.1
54	51.1	42.5	63.7

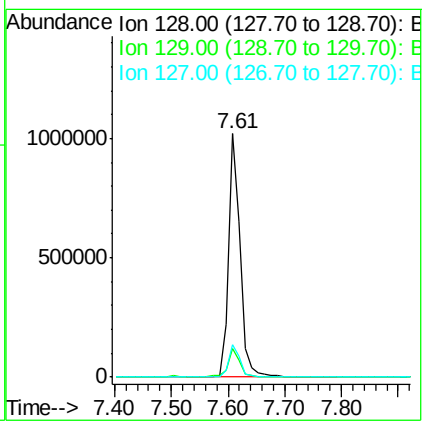


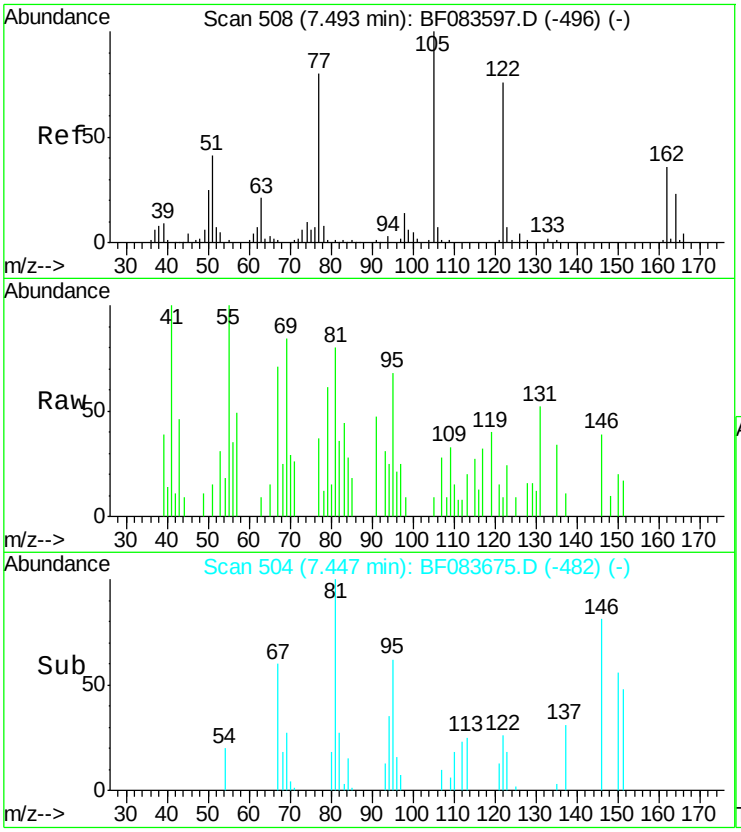


#31
Naphthalene
Concen: 49.91 ng
RT: 7.61 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:128 Resp: 1445772

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	13.0
127	13.3	10.6	16.0



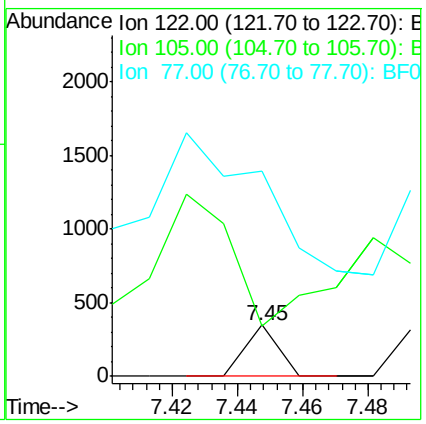


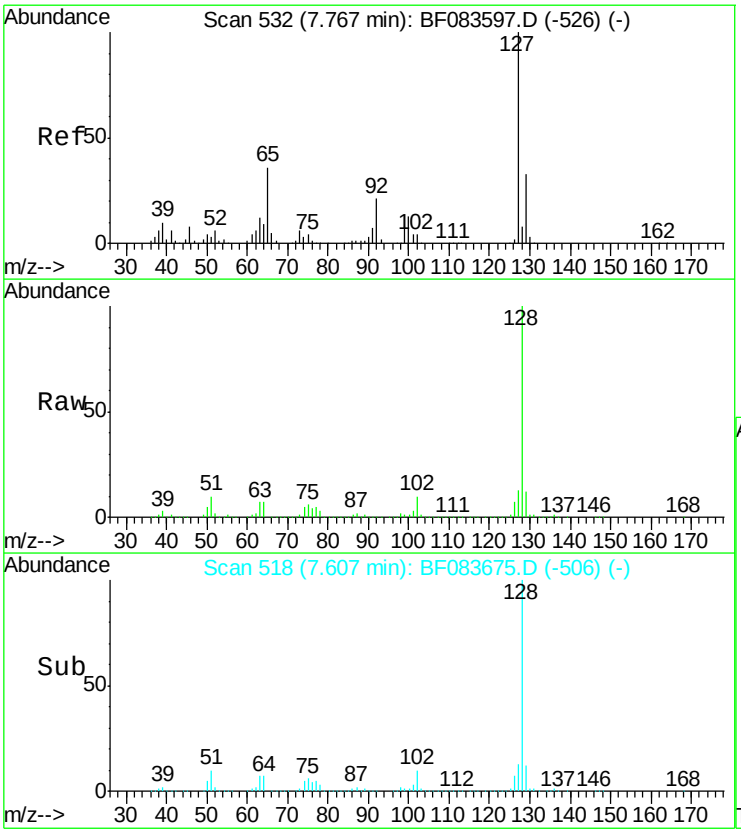
#32
Benzoic acid
Concen: 3.08 ng
RT: 7.45 min Scan# 504
Delta R.T. -0.04 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion:122 Resp: 238

Ion	Ratio	Lower	Upper
122	100		
105	98.8	105.6	145.6#
77	402.9	86.8	126.8#

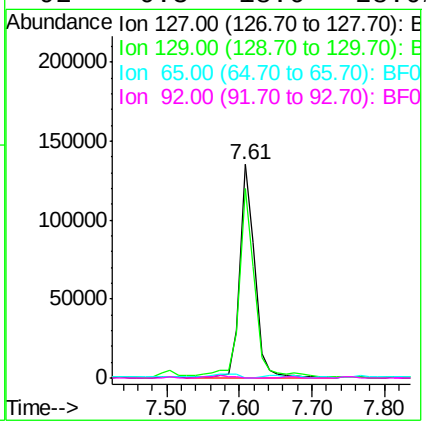


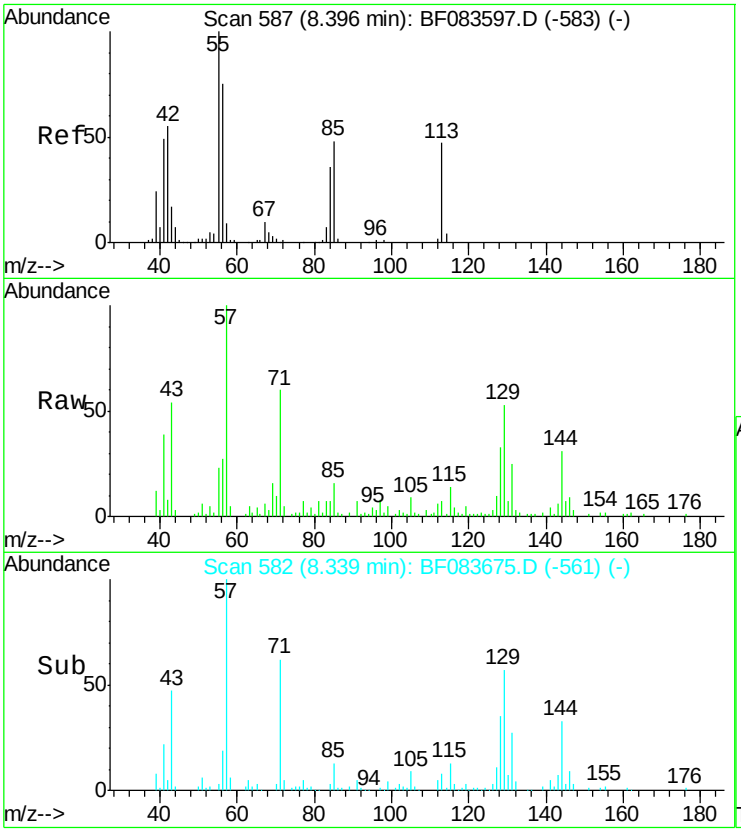


#33
4-Chloroaniline
Concen: 18.55 ng
RT: 7.61 min Scan# 518
Delta R.T. -0.16 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:127 Resp: 195966

Ion	Ratio	Lower	Upper
127	100		
129	88.7	26.1	39.1#
65	0.0	33.5	50.3#
92	0.3	18.6	28.0#



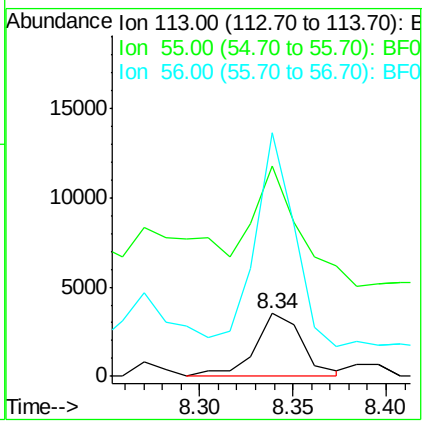


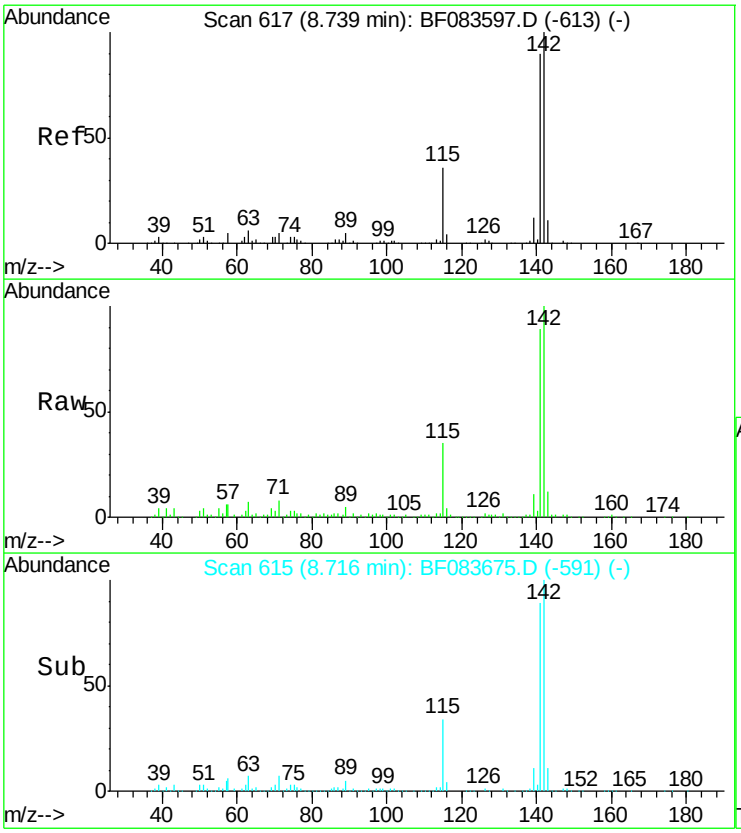
#35
Caprolactam
Concen: 2.53 ng
RT: 8.34 min Scan# 582
Delta R.T. -0.06 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion:113 Resp: 6226

Ion	Ratio	Lower	Upper
113	100		
55	334.1	189.7	229.7#
56	387.0	130.7	170.7#

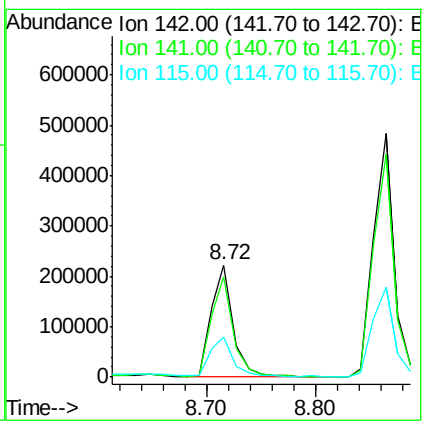


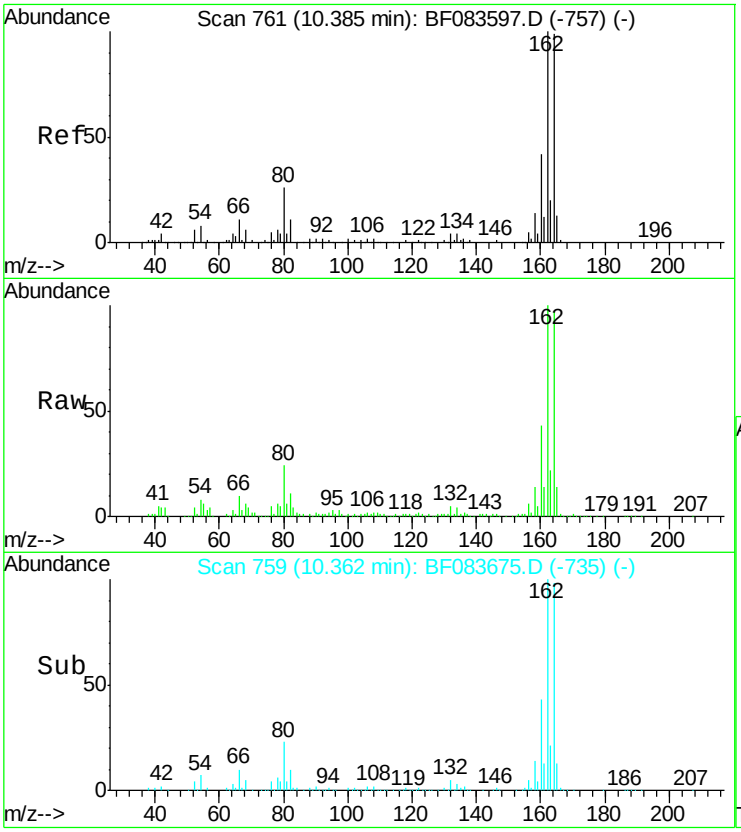


#37
2-Methylnaphthalene
Concen: 16.91 ng
RT: 8.72 min Scan# 615
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:142 Resp: 307617

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.3	105.5
115	35.2	29.2	43.8



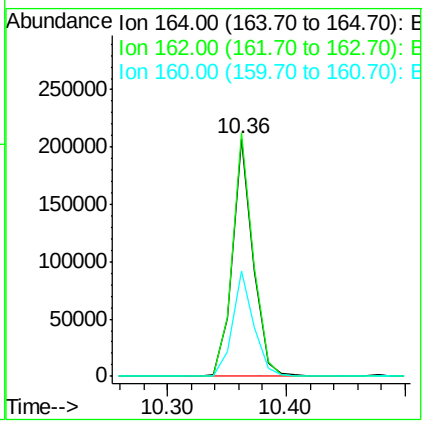


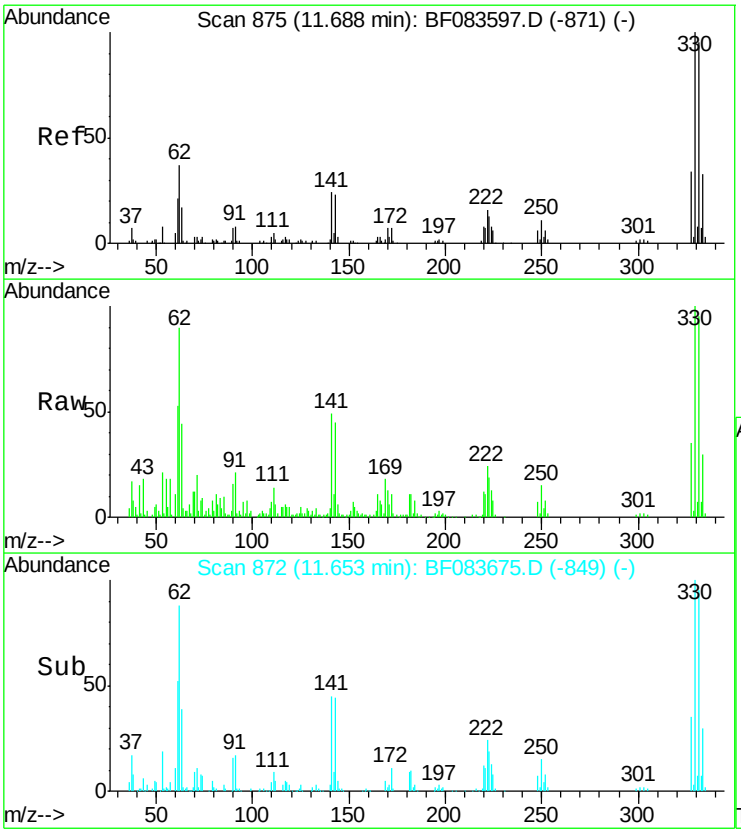
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion:164 Resp: 252629

Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.8	118.2
160	44.5	33.4	50.2

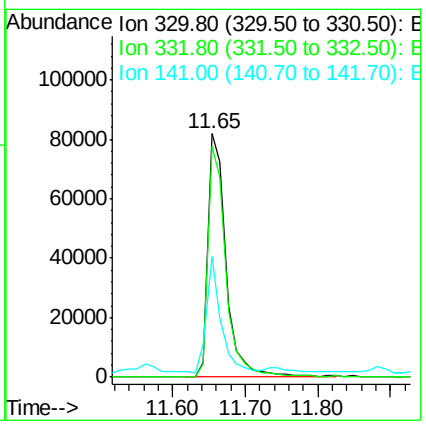


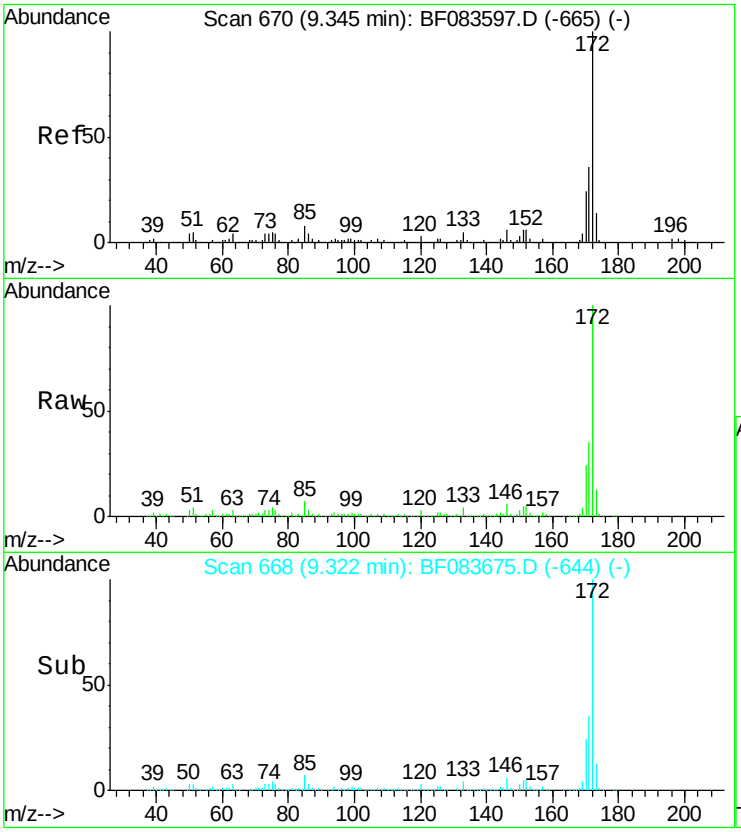


#41
2,4,6-Tribromophenol
Concen: 63.06 ng
RT: 11.65 min Scan# 872
Delta R.T. -0.03 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:330 Resp: 141930

Ion	Ratio	Lower	Upper
330	100		
332	93.4	0.0	0.0#
141	37.4	0.0	0.0#



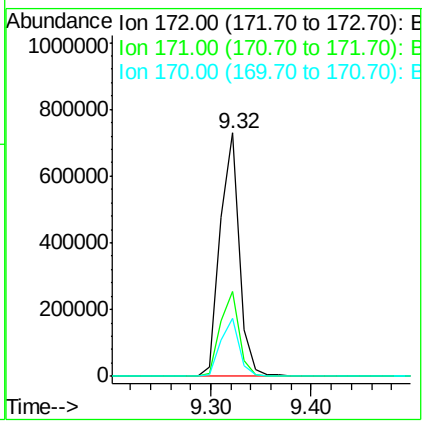


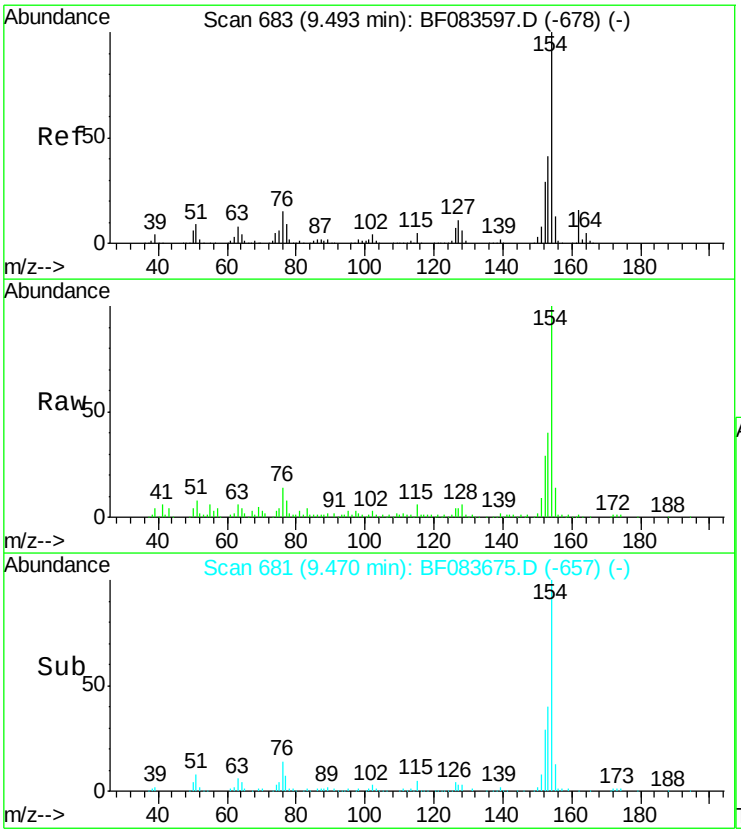
#44
2-Fluorobiphenyl
Concen: 54.04 ng
RT: 9.32 min Scan# 668
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion:172 Resp: 970033

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	24.0	19.4	29.0

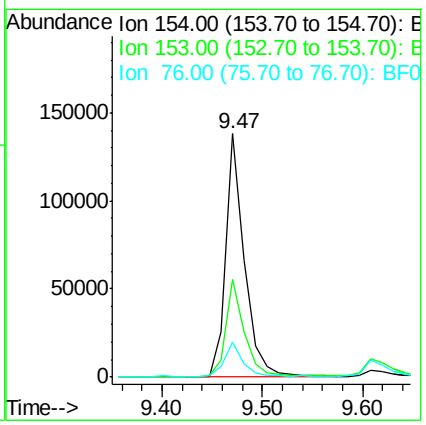


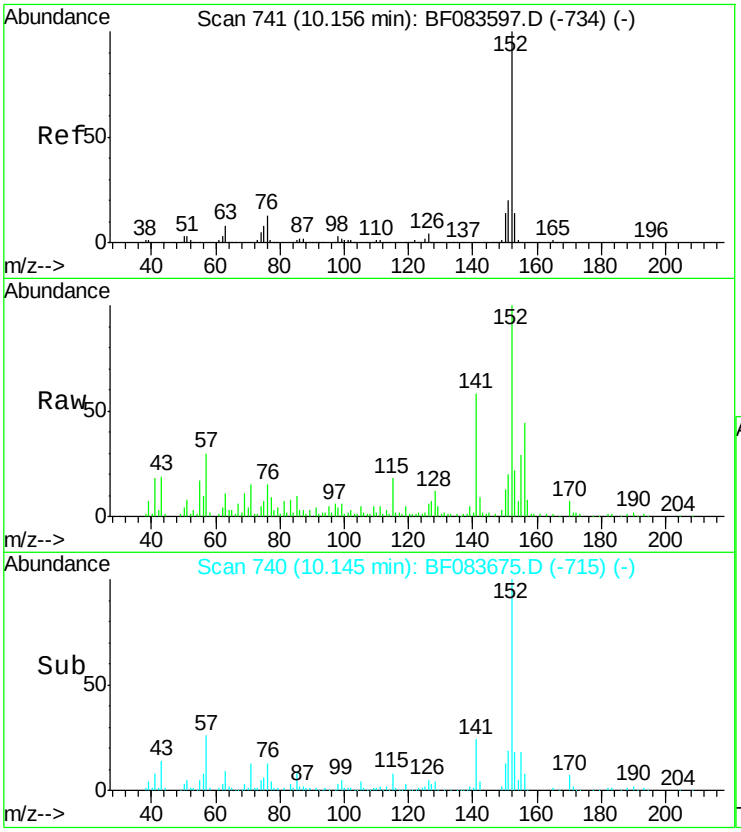


#45
1,1'-Biphenyl
Concen: 8.20 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:154 Resp: 180032

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.2	60.2
76	14.1	0.0	34.8



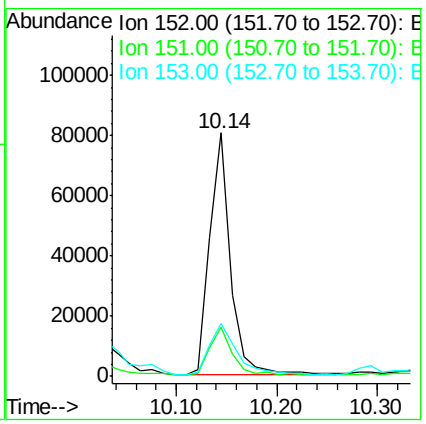


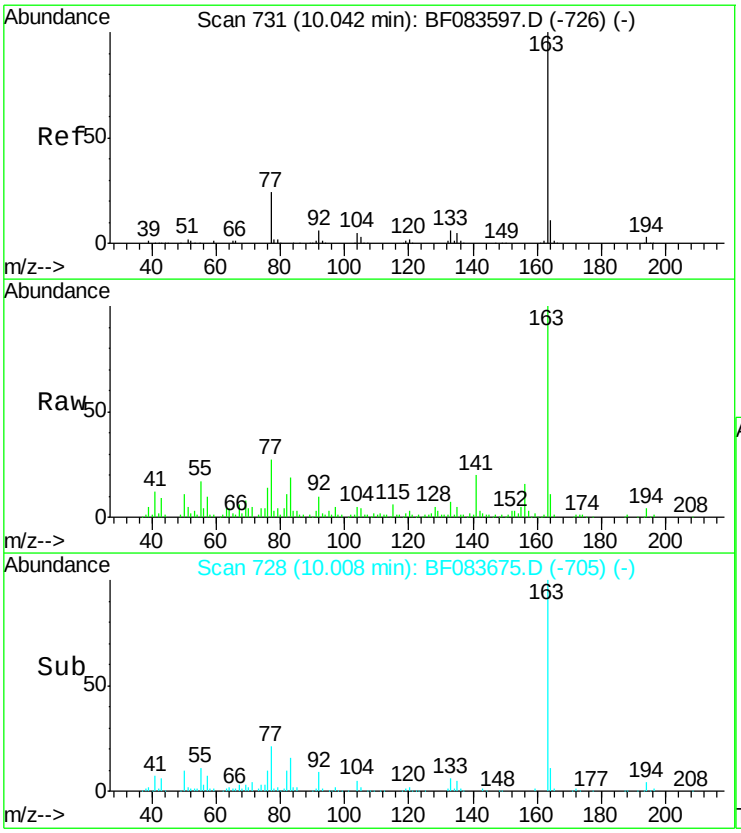
#48
Acenaphthylene
Concen: 4.18 ng
RT: 10.14 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion:152 Resp: 114226

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	22.0	10.8	16.2#

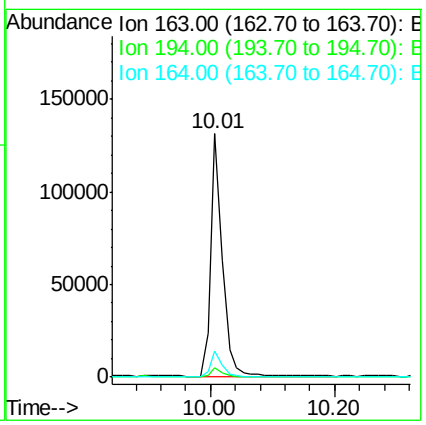


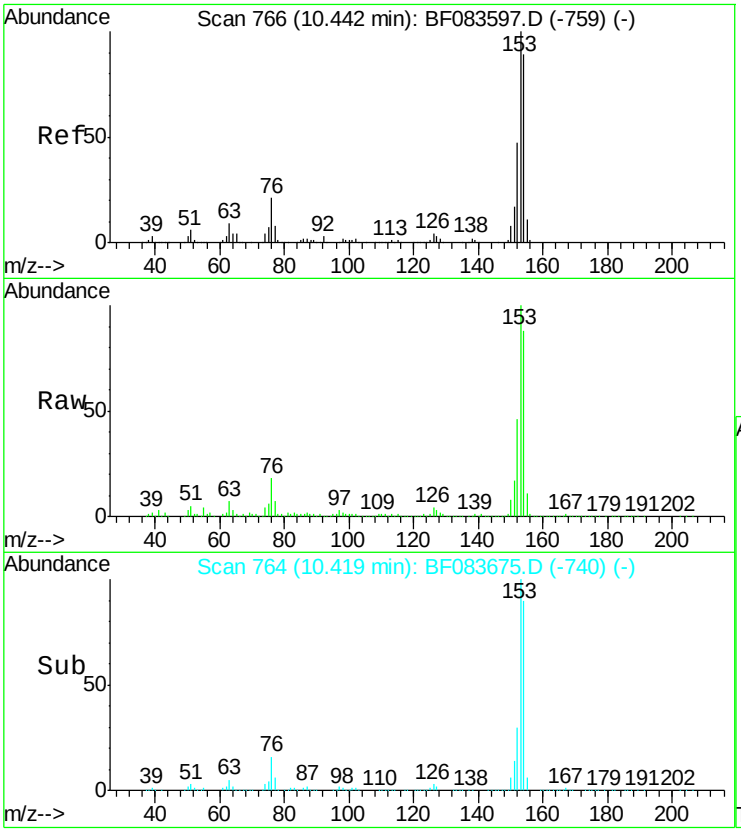


#49
Dimethylphthalate
Concen: 8.40 ng
RT: 10.01 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:163 Resp: 168898

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	10.7	8.6	13.0



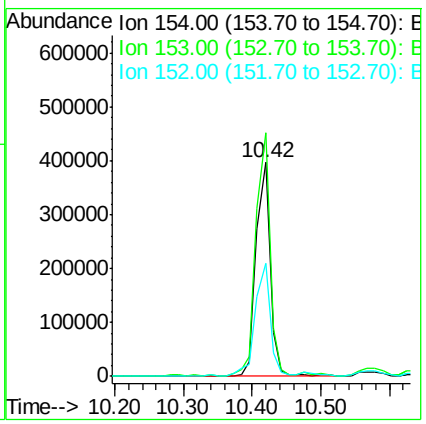


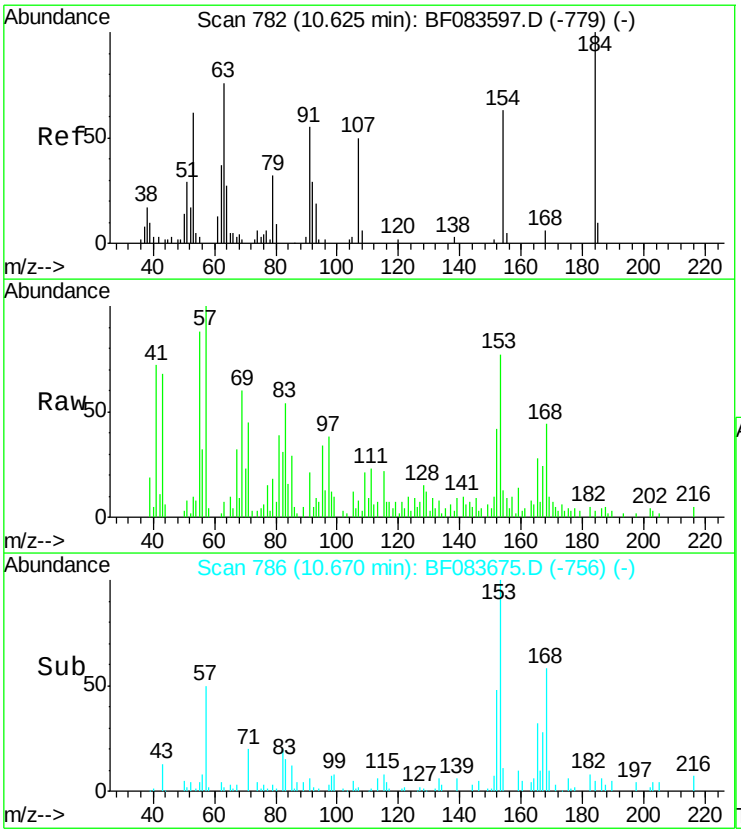
#51
Acenaphthene
Concen: 35.16 ng
RT: 10.42 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion:154 Resp: 550329

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.4	137.0
152	52.7	43.4	65.2

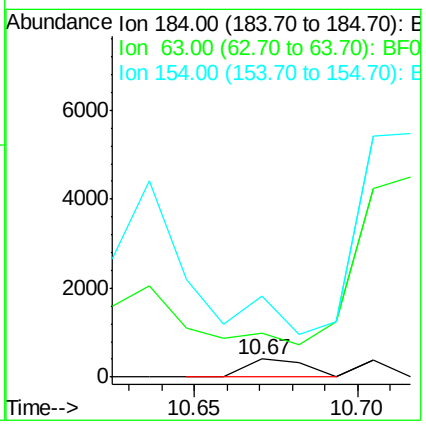


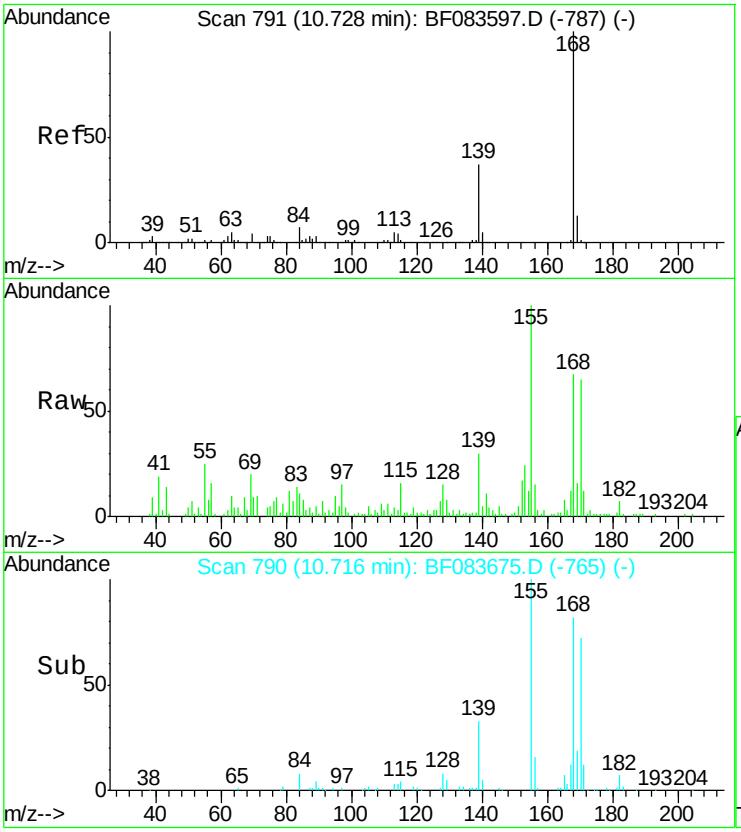


#53
2,4-Dinitrophenol
Concen: 5.83 ng
RT: 10.67 min Scan# 786
Delta R.T. 0.05 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:184 Resp: 500

Ion	Ratio	Lower	Upper
184	100		
63	243.1	62.4	93.6#
154	444.4	46.6	69.8#



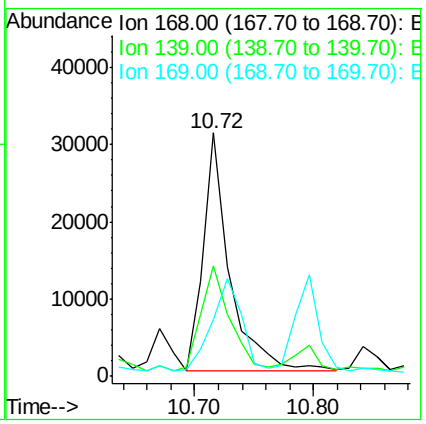


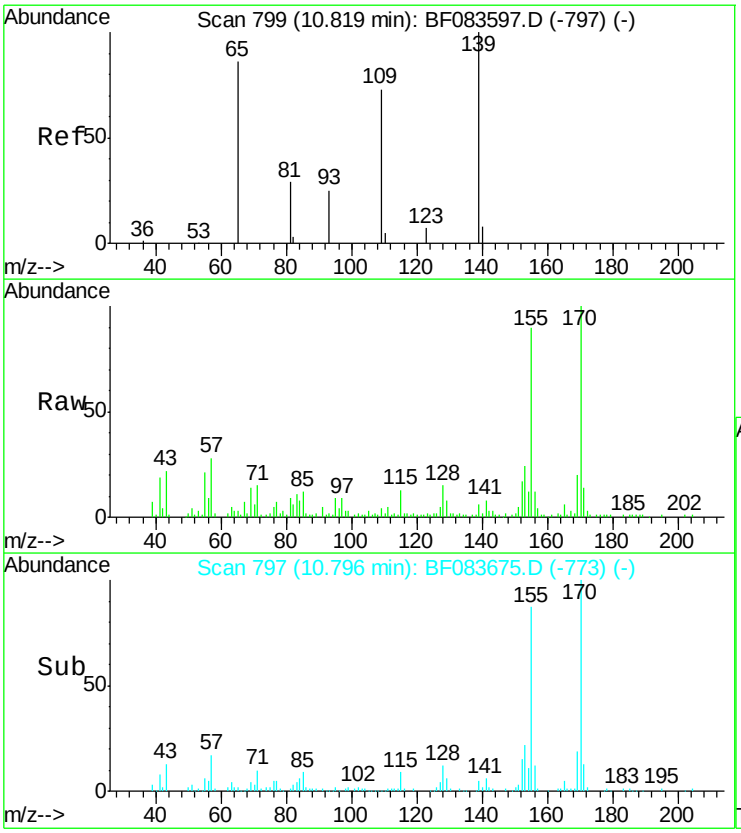
#54
Dibenzofuran
Concen: 2.19 ng
RT: 10.72 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion:168 Resp: 47602

Ion	Ratio	Lower	Upper
168	100		
139	45.6	28.0	42.0#
169	23.6	10.8	16.2#

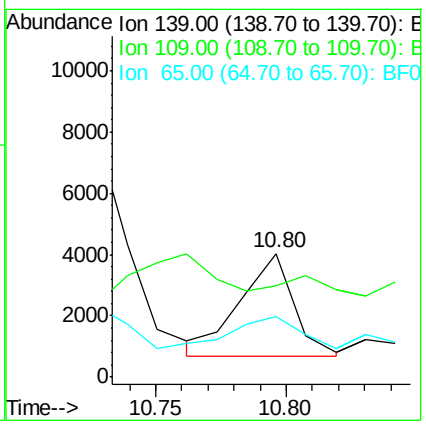


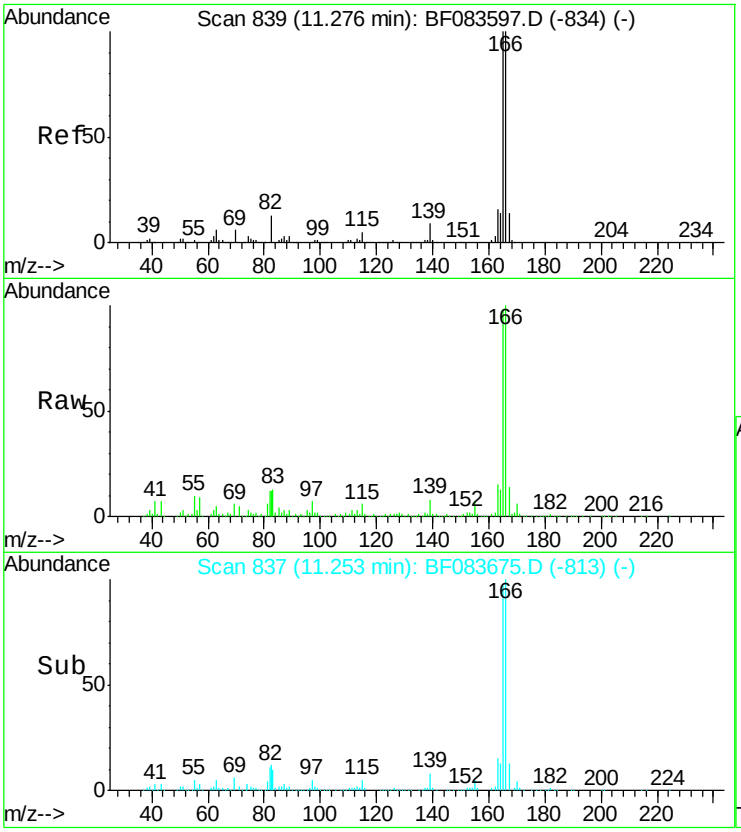


#55
4-Nitrophenol
Concen: 2.51 ng
RT: 10.80 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:139 Resp: 4882

Ion	Ratio	Lower	Upper
139	100		
109	73.6	42.0	82.0
65	49.3	89.2	129.2#



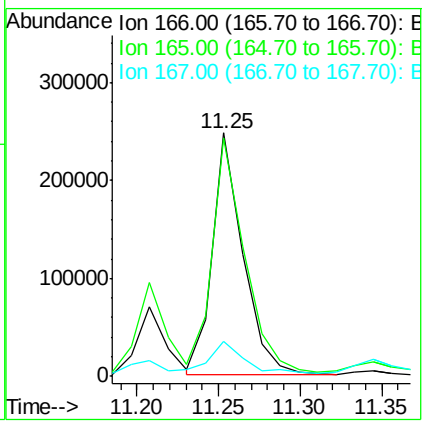


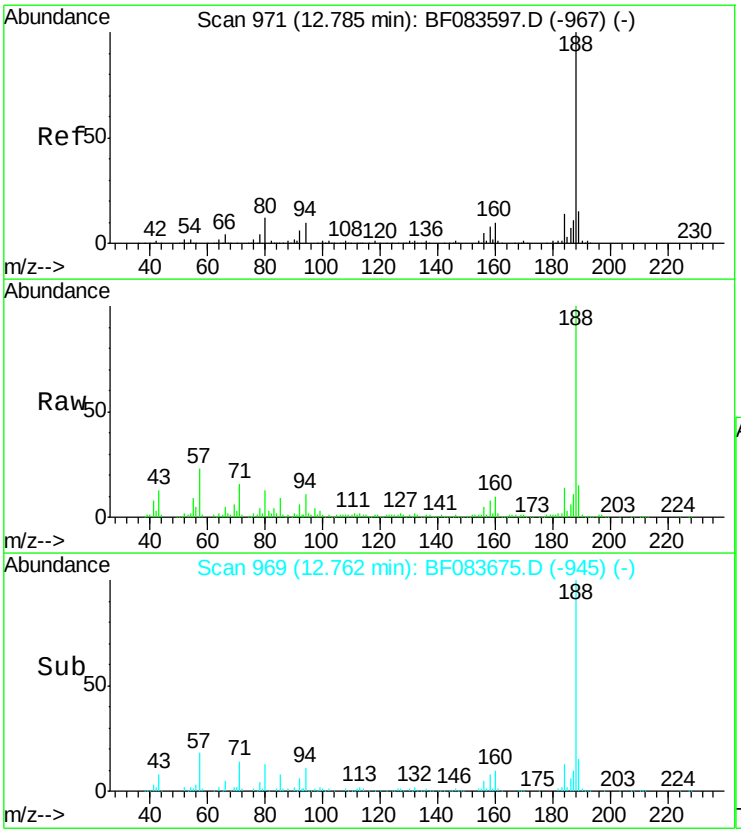
#57
Fluorene
Concen: 16.93 ng
RT: 11.25 min Scan# 837
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion:166 Resp: 320628

Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.0	120.0
167	14.2	10.6	16.0

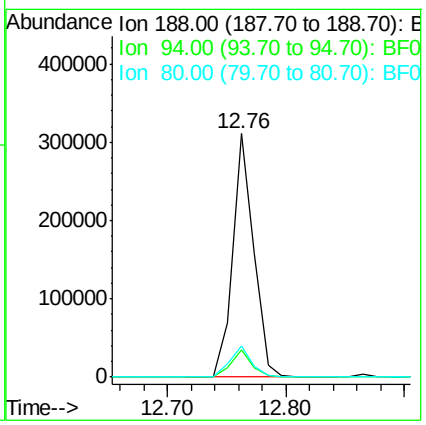


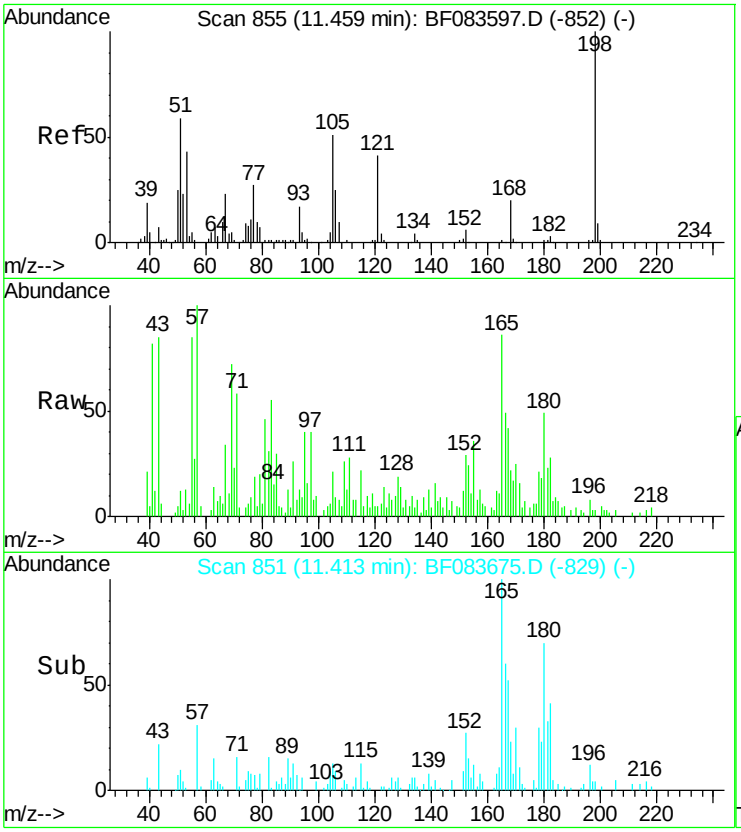


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:188 Resp: 383084

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	13.1	10.6	16.0



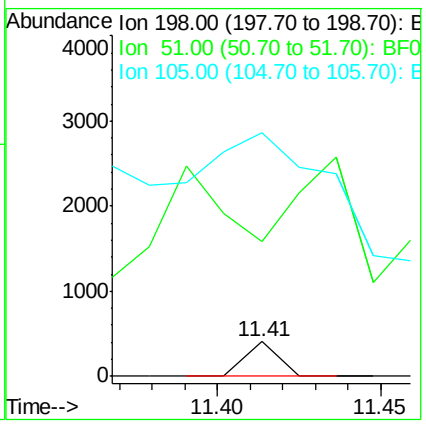


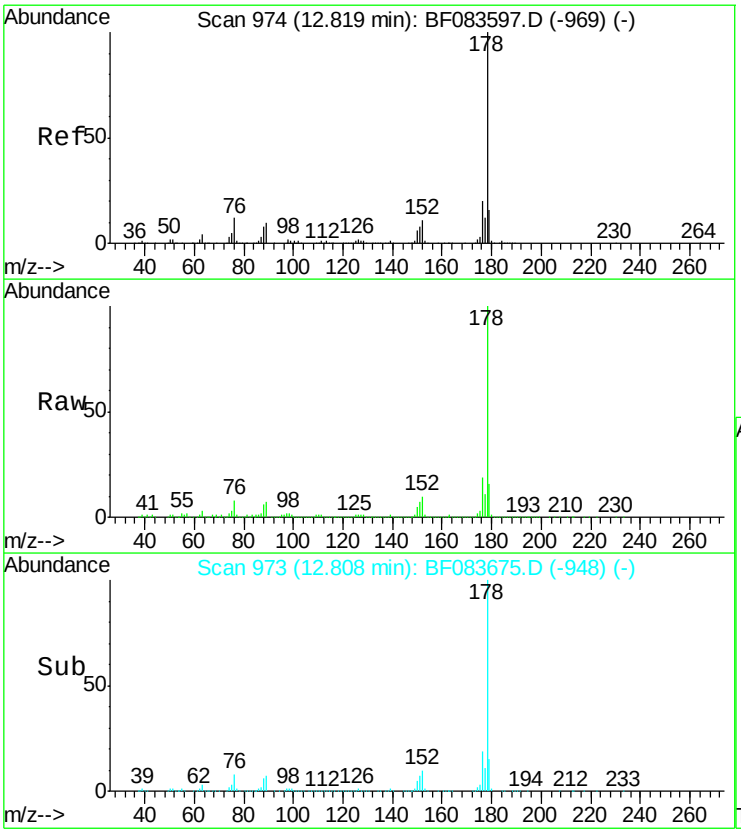
#64
4,6-Dinitro-2-methylphenol
Concen: 2.05 ng
RT: 11.41 min Scan# 851
Delta R.T. -0.05 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion:198 Resp: 280

Ion	Ratio	Lower	Upper
198	100		
51	386.1	53.8	93.8#
105	699.3	38.6	78.6#

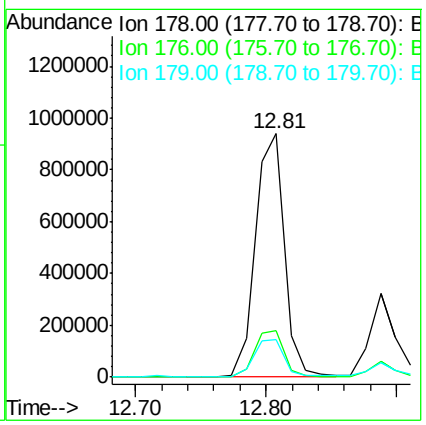


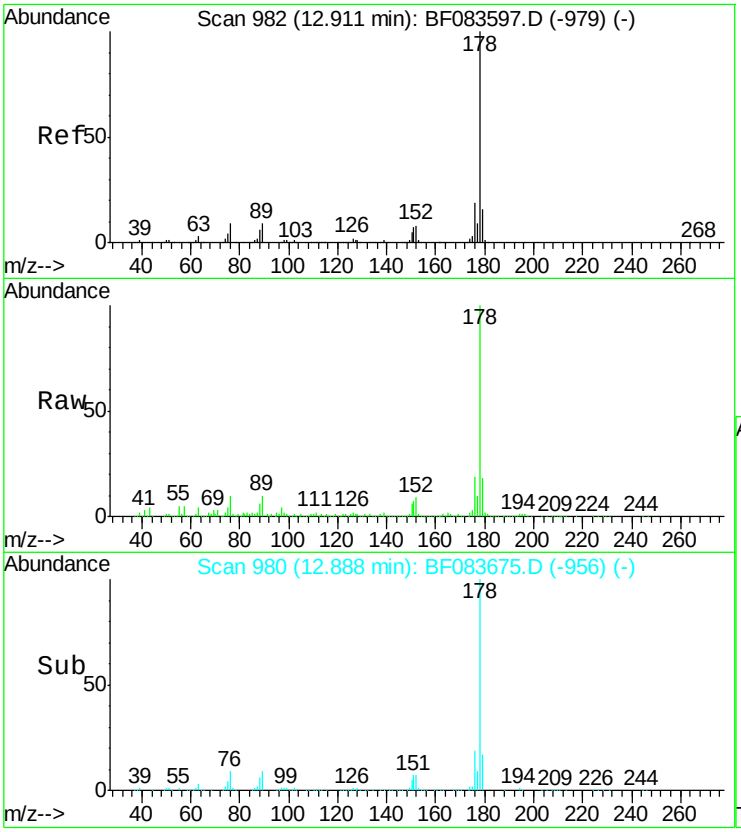


#70
Phenanthrene
Concen: 65.86 ng
RT: 12.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:178 Resp: 1449549

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.6	12.2	18.4



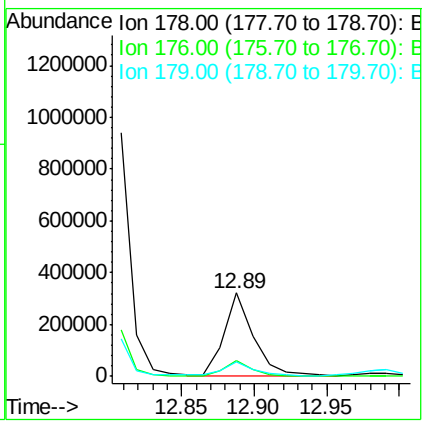


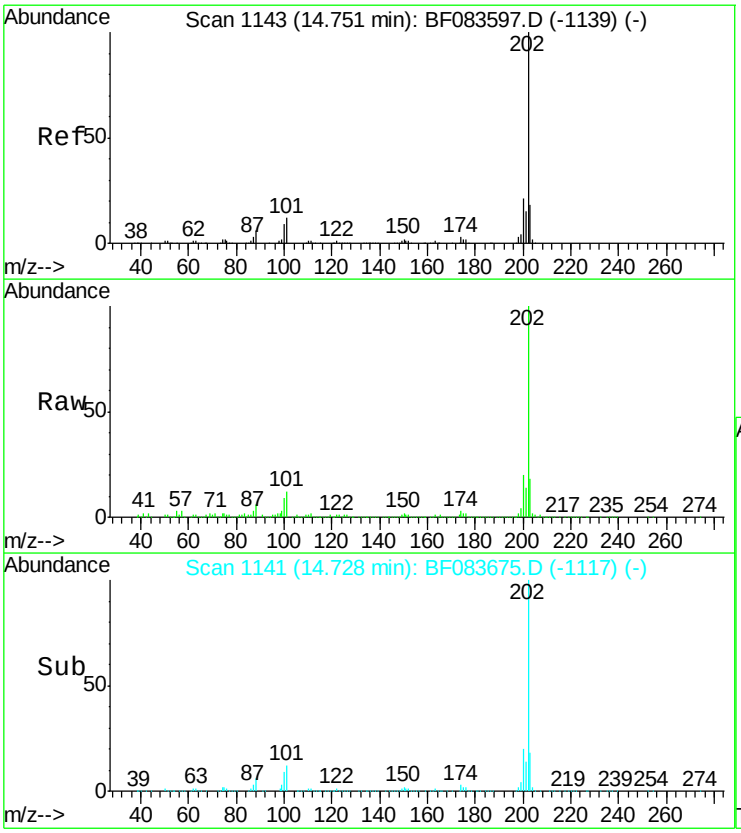
#71
Anthracene
Concen: 19.38 ng
RT: 12.89 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion:178 Resp: 441933

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	17.8	12.6	18.8

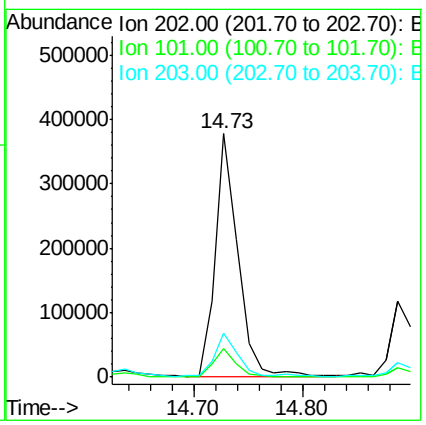


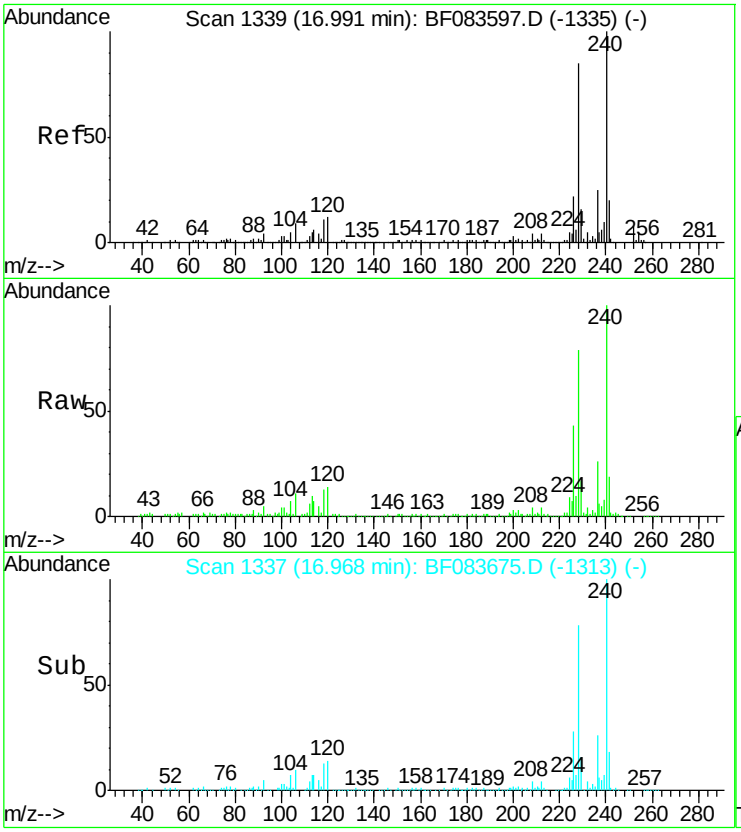


#74
Fluoranthene
Concen: 23.97 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:202 Resp: 539715

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.5
203	18.2	0.0	37.6



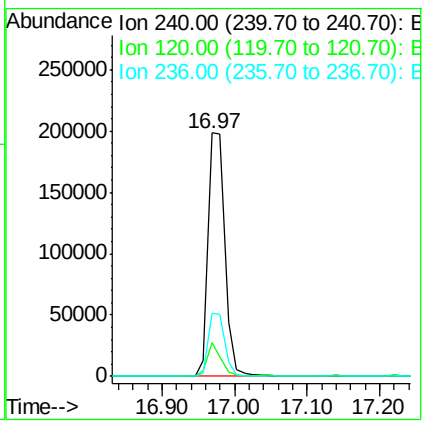


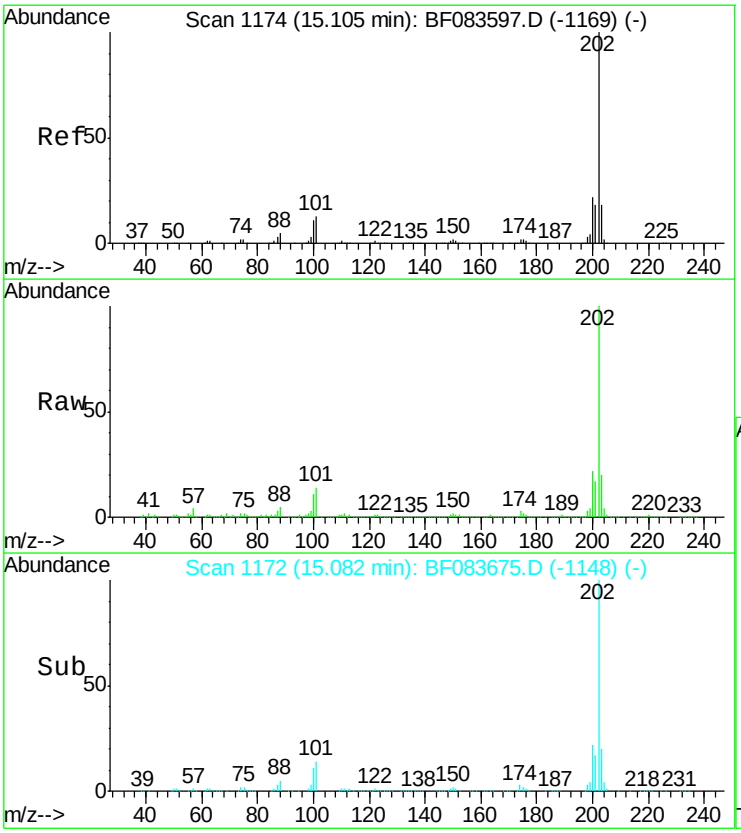
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.97 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion:240 Resp: 322154

Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.1	12.1#
236	25.7	20.8	31.2

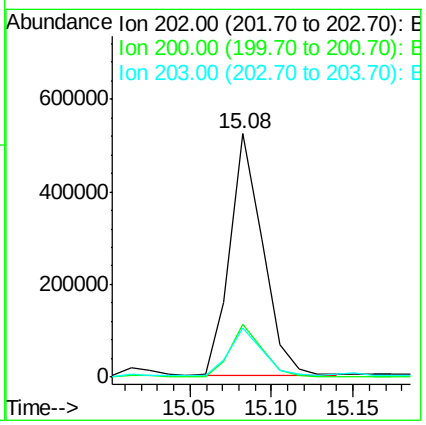


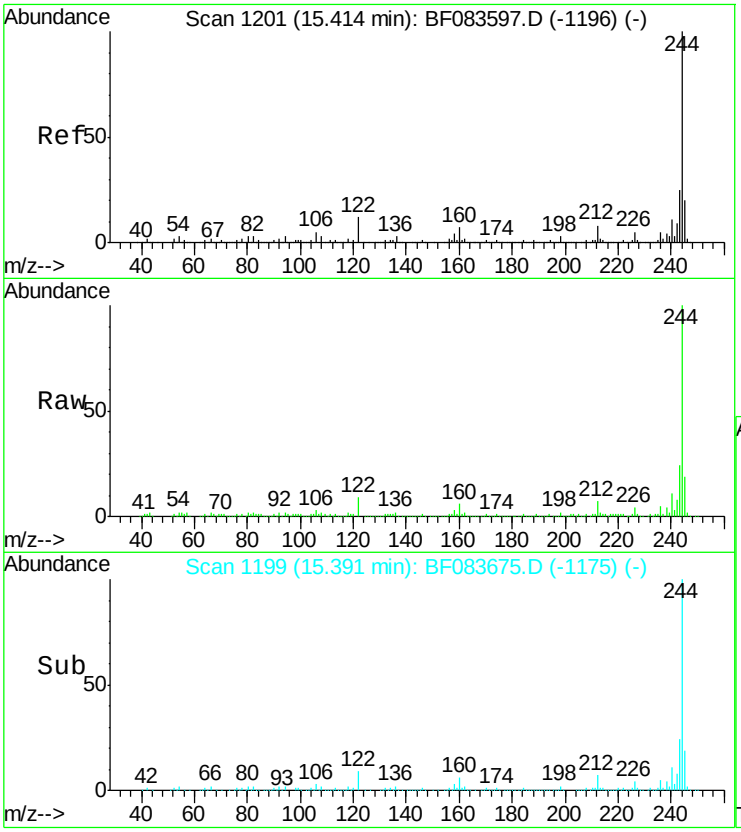


#77
Pyrene
Concen: 31.34 ng
RT: 15.08 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:202 Resp: 726968

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.7	25.1
203	20.2	14.3	21.5



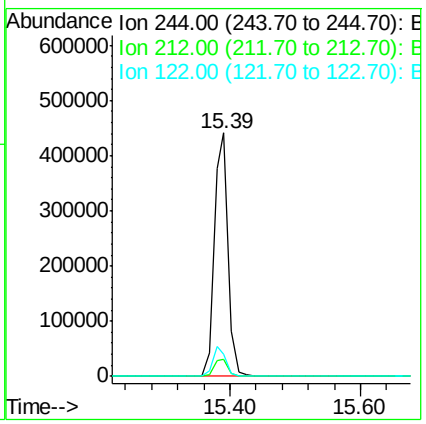


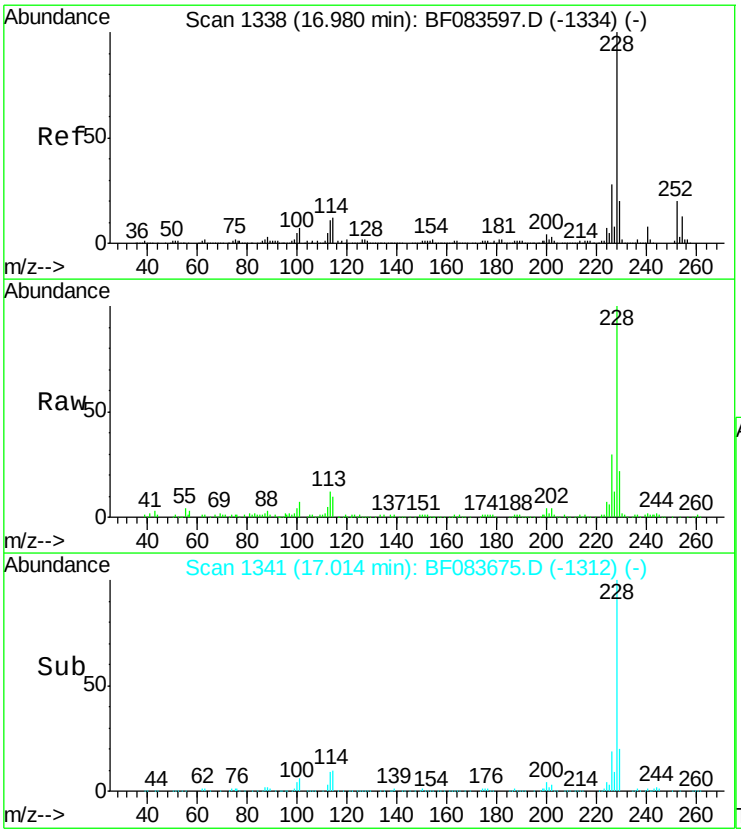
#78
Terphenyl-d14
Concen: 48.20 ng
RT: 15.39 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion:244 Resp: 659948

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.1	9.1
122	9.3	11.0	16.6#

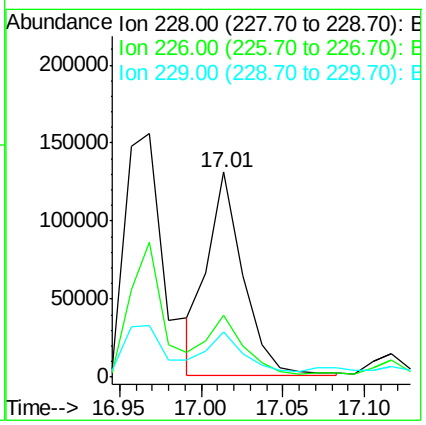


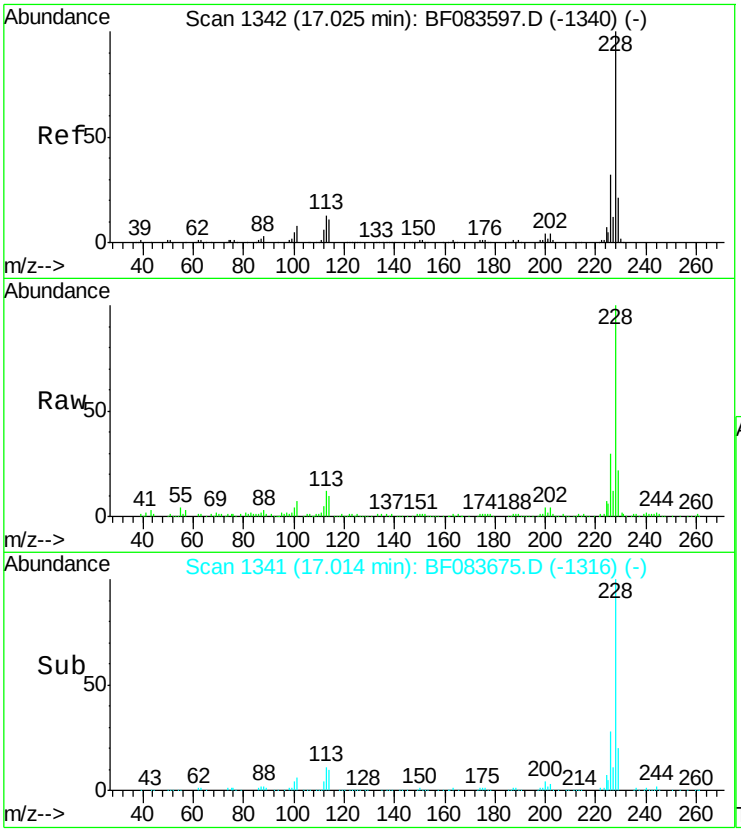


#80
Benzo(a)anthracene
Concen: 10.45 ng
RT: 17.01 min Scan# 1341
Delta R.T. 0.03 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:228 Resp: 197044

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.3	33.5
229	21.8	15.7	23.5



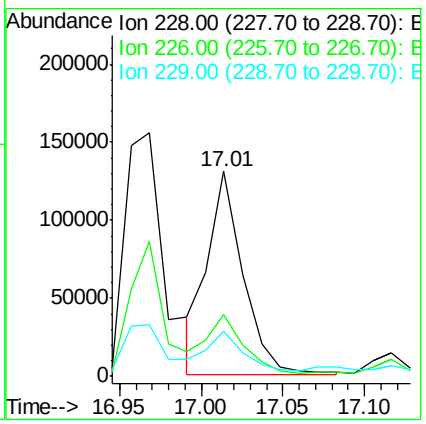


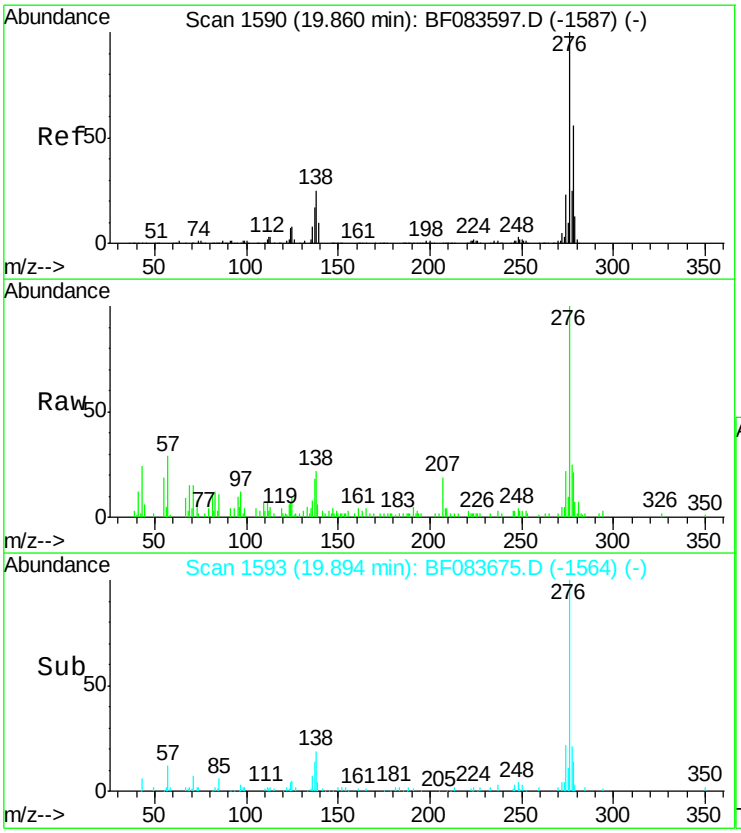
#82
Chrysene
Concen: 10.51 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion:228 Resp: 198602

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	21.8	16.3	24.5

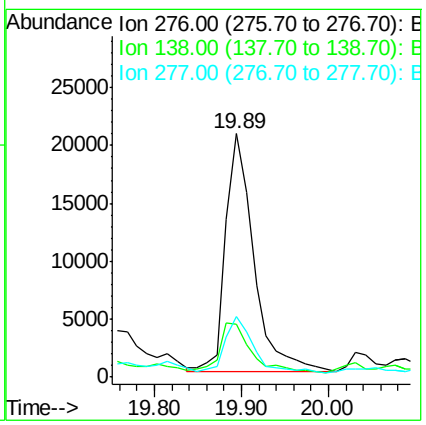


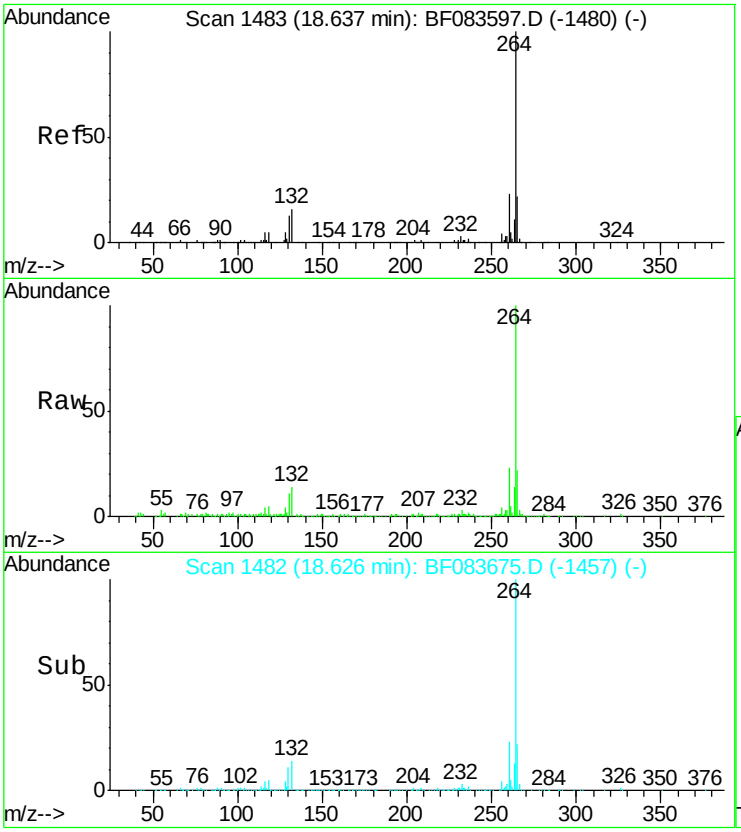


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.64 ng
RT: 19.89 min Scan# 1593
Delta R.T. 0.03 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:276 Resp: 46420

Ion	Ratio	Lower	Upper
276	100		
138	24.2	0.0	0.0#
277	23.3	0.0	0.0#



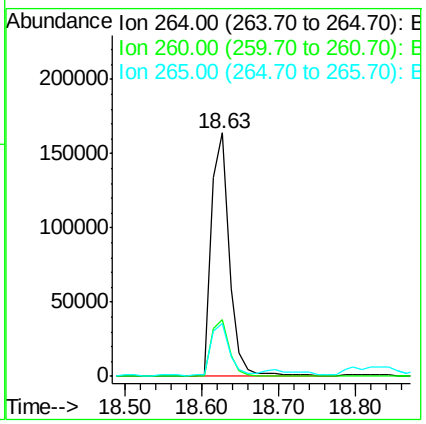


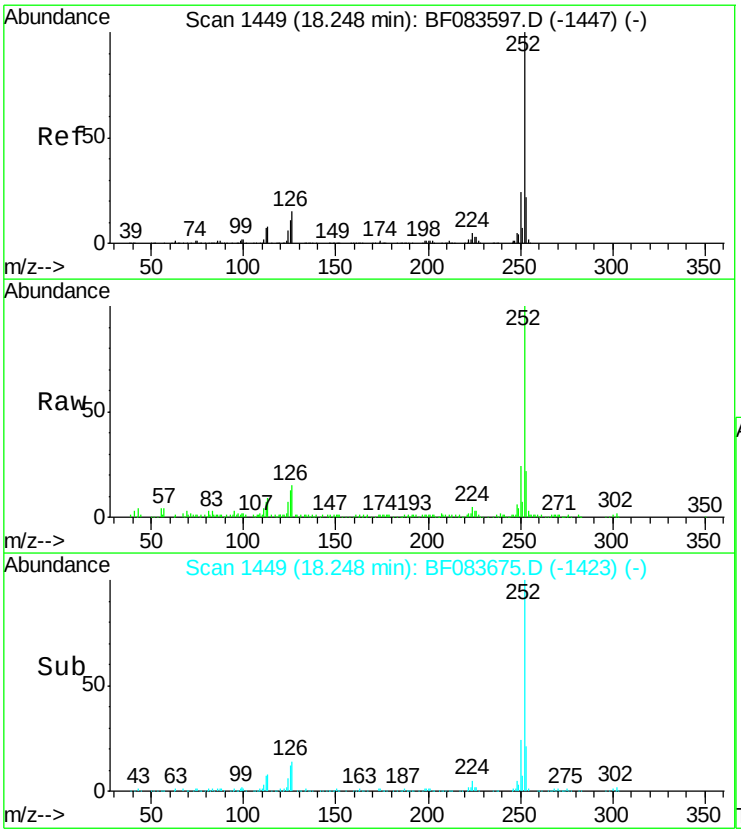
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion:264 Resp: 267737

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	21.9	17.8	26.6

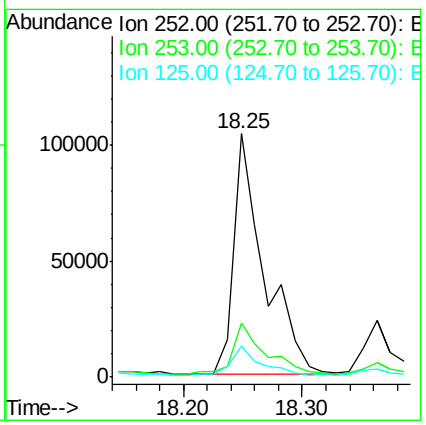


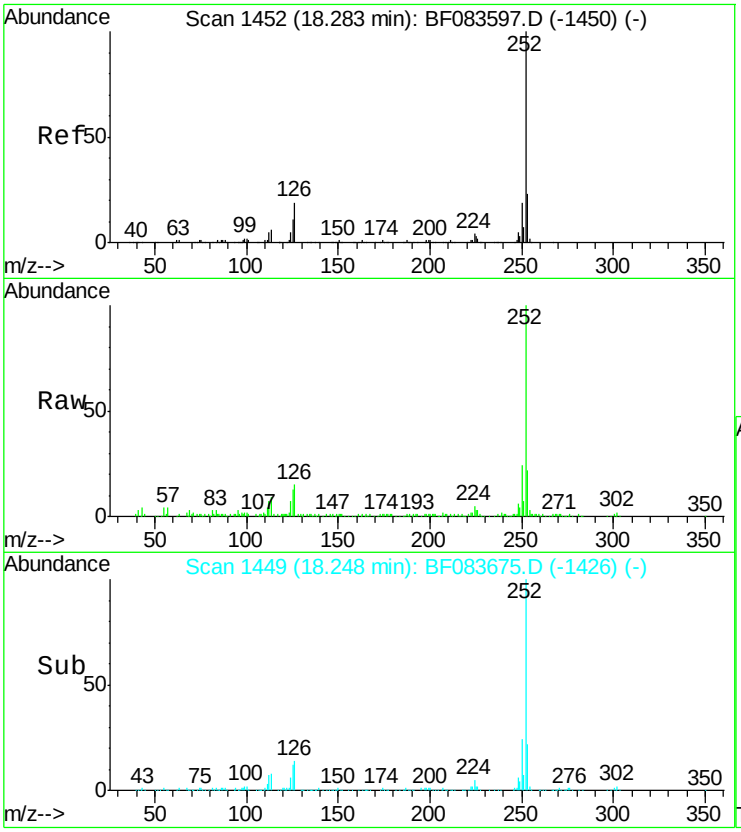


#87
Benzo(b)fluoranthene
Concen: 12.22 ng
RT: 18.25 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:252 Resp: 186277

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	12.8	8.2	12.4#



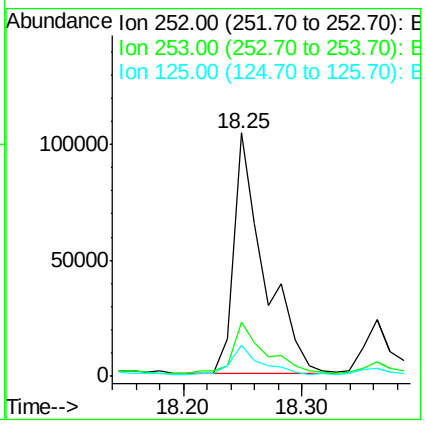


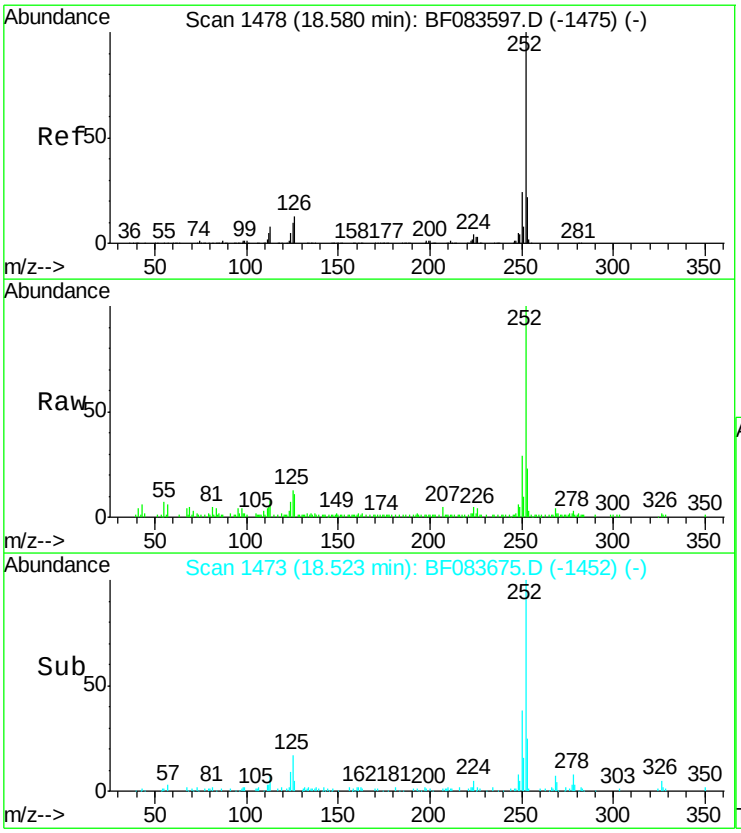
#88
Benzo(k)fluoranthene
Concen: 11.09 ng
RT: 18.25 min Scan# 1449
Delta R.T. -0.03 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion:252 Resp: 186277

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	12.8	11.5	17.3

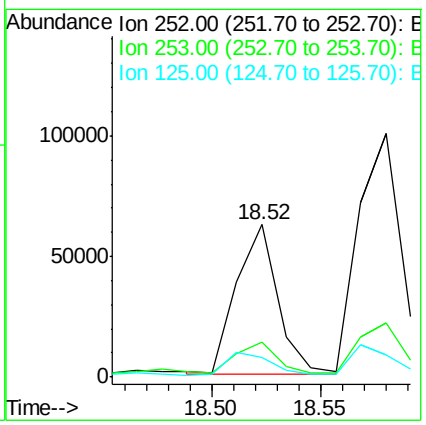


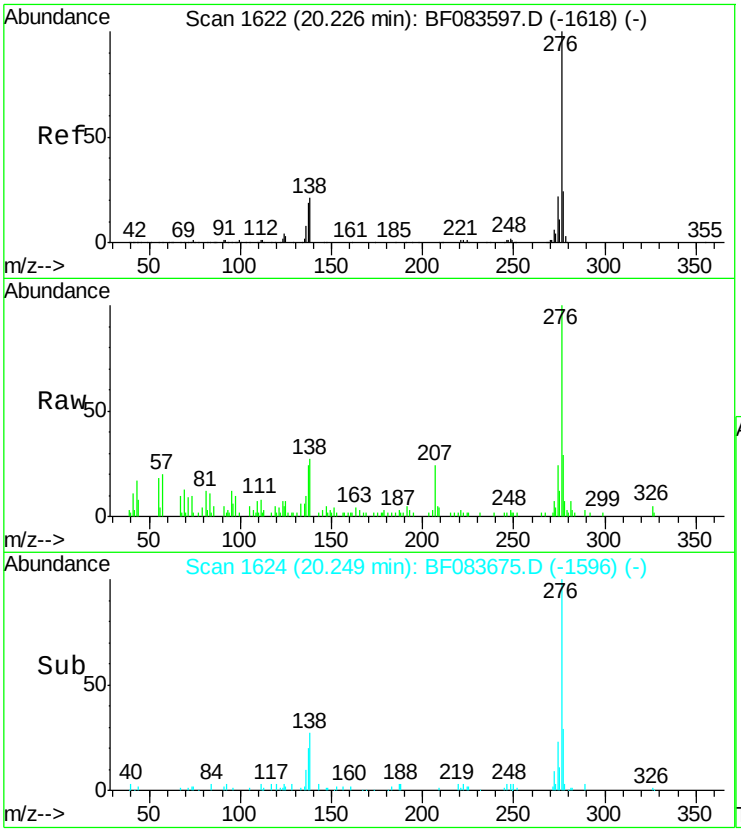


#89
Benzo(a)pyrene
Concen: 5.47 ng
RT: 18.52 min Scan# 1473
Delta R.T. -0.06 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:252 Resp: 81358

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	12.8	11.0	16.6





#91
Benzo(g,h,i)perylene
Concen: 4.11 ng
RT: 20.25 min Scan# 1624
Delta R.T. 0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

Tgt Ion:276 Resp: 45604

Ion	Ratio	Lower	Upper
276	100		
277	28.7	19.2	28.8
138	26.6	19.5	29.3