Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
Data File : BF083674.D
Acq On : 10 Dec 2015 9:15
Operator : UM/IZ
Sample : G4582-05DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-03(8-15)DL

Quant Time: Dec 10 12:29:28 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	132745	20.00	ng		-0.02
21) Naphthalene-d8	7.57	136	513854	20.00	ng		-0.03
38) Acenaphthene-d10	10.36	164	237169	20.00	ng		-0.02
63) Phenanthrene-d10	12.76	188	365468	20.00	ng		-0.02
75) Chrysene-d12	16.97	240	308874	20.00	ng		-0.02
86) Perylene-d12	18.63	264	250289	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.97	112	278607	31.83	ng		0.00
7) Phenol-d6	5.25	99	395884	33.85	ng		-0.02
23) Nitrobenzene-d5	6.51	82	243711	22.13	ng		-0.02
41) 2,4,6-Tribromophenol	11.66	330	47643	22.55	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	371943	22.07	ng		-0.02
78) Terphenyl-d14	15.38	244	250322	19.07	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.51	70	24871	3.05	ng	#	86
31) Naphthalene	7.61	128	1887067	69.34	ng		98
32) Benzoic acid	7.61	122	4516	3.82	ng	#	1
33) 4-Chloroaniline	7.61	127	247391	24.93	ng	#	27
37) 2-Methylnaphthalene	8.72	142	368410	21.55	ng		97
45) 1,1'-Biphenyl	9.47	154	173803	8.43	ng		98
48) Acenaphthylene	10.14	152	54399	2.12	ng	#	96
49) Dimethylphthalate	10.01	163	62341	3.30	ng		98
51) Acenaphthene	10.42	154	581965	39.61	ng		98
55) 4-Nitrophenol	10.72	139	15367	8.43	ng	#	8
57) Fluorene	11.25	166	291173	16.37	ng		97
70) Phenanthrene	12.80	178	1174259	55.92	ng		99
71) Anthracene	12.89	178	256984	11.81	ng		98
74) Fluoranthene	14.73	202	404505	18.83	ng		99
77) Pyrene	15.08	202	573023	25.77	ng		99
80) Benzo(a)anthracene	17.01	228	123614	6.84	ng		96
82) Chrysene	17.01	228	123614	6.82	ng		99
85) Indeno(1,2,3-cd)pyrene	19.89	276	35864	2.93	ng	#	100
87) Benzo(b)fluoranthene	18.25	252	126520	8.88	ng		97
88) Benzo(k)fluoranthene	18.25	252	126520	8.06	ng		97
89) Benzo(a)pyrene	18.52	252	57154	4.11	ng		100
91) Benzo(g,h,i)perylene	20.25	276	45774	4.41	ng		96

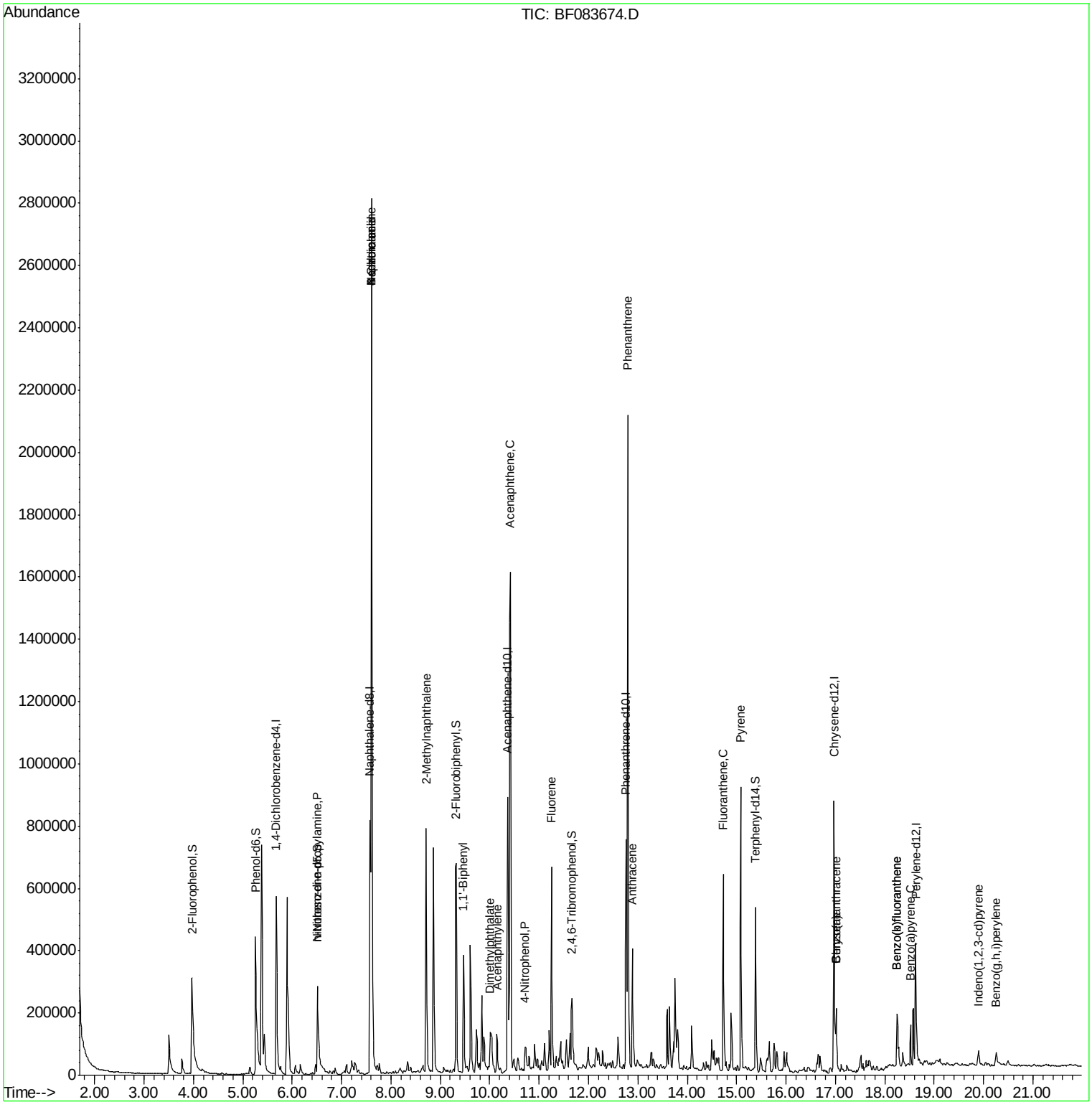
(#) = qualifier out of range (m) = manual integration (+) = signals summed

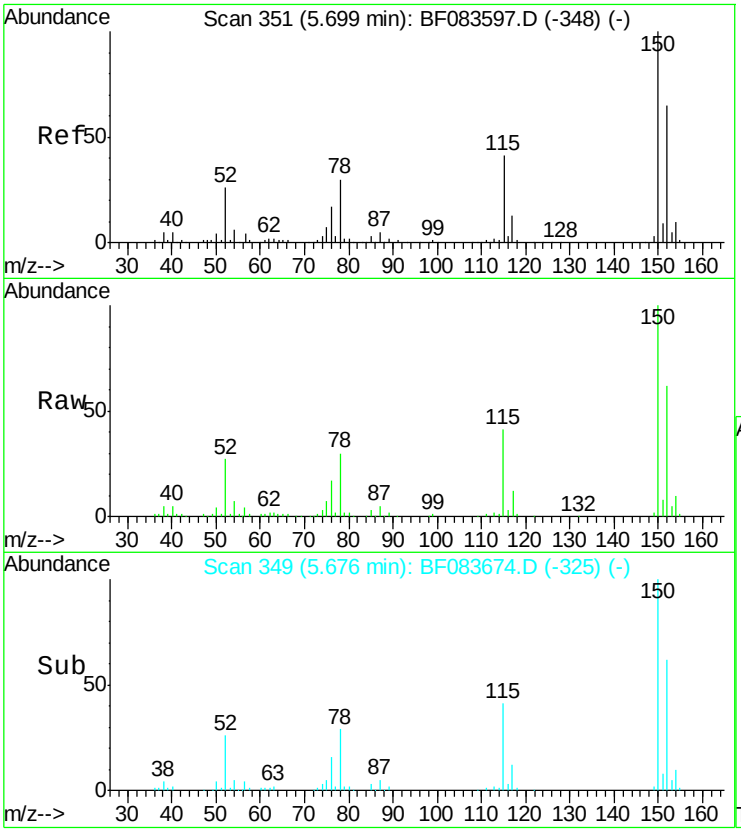
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
Data File : BF083674.D
Acq On : 10 Dec 2015 9:15
Operator : UM/IZ
Sample : G4582-05DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(8-15)DL

Quant Time: Dec 10 12:29:28 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



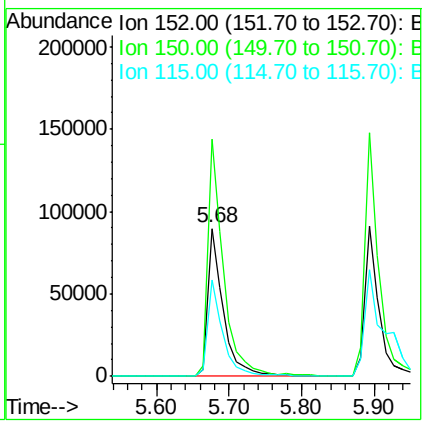


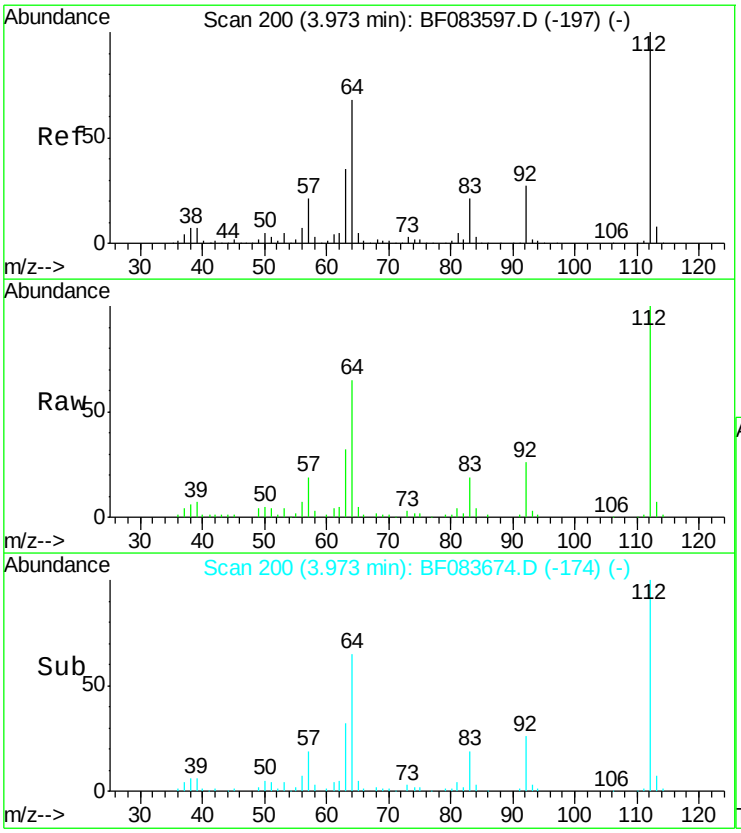
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.68 min Scan# 349
Delta R.T. -0.02 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(8-15)DL

Tgt Ion:152 Resp: 132745

Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.5	189.7
115	65.2	52.3	78.5

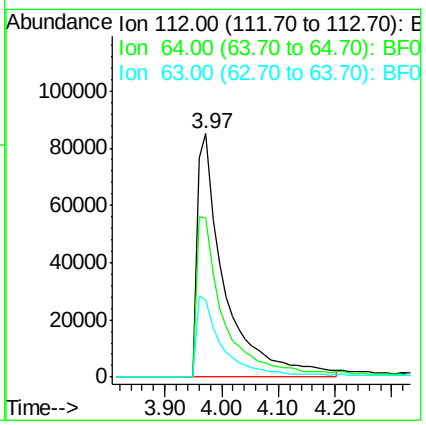


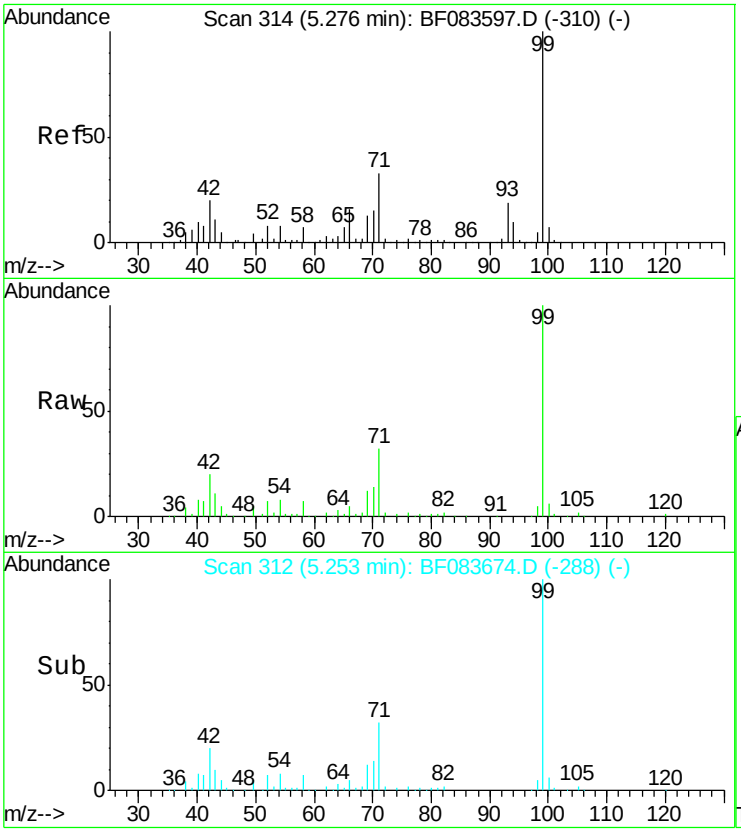


#5
2-Fluorophenol
Concen: 31.83 ng
RT: 3.97 min Scan# 200
Delta R.T. 0.00 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Tgt Ion:112 Resp: 278607

Ion	Ratio	Lower	Upper
112	100		
64	65.2	50.5	75.7
63	31.7	25.8	38.6



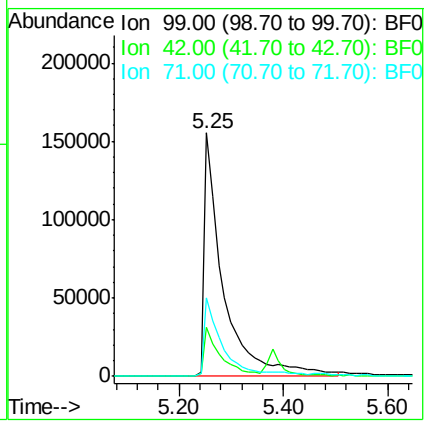


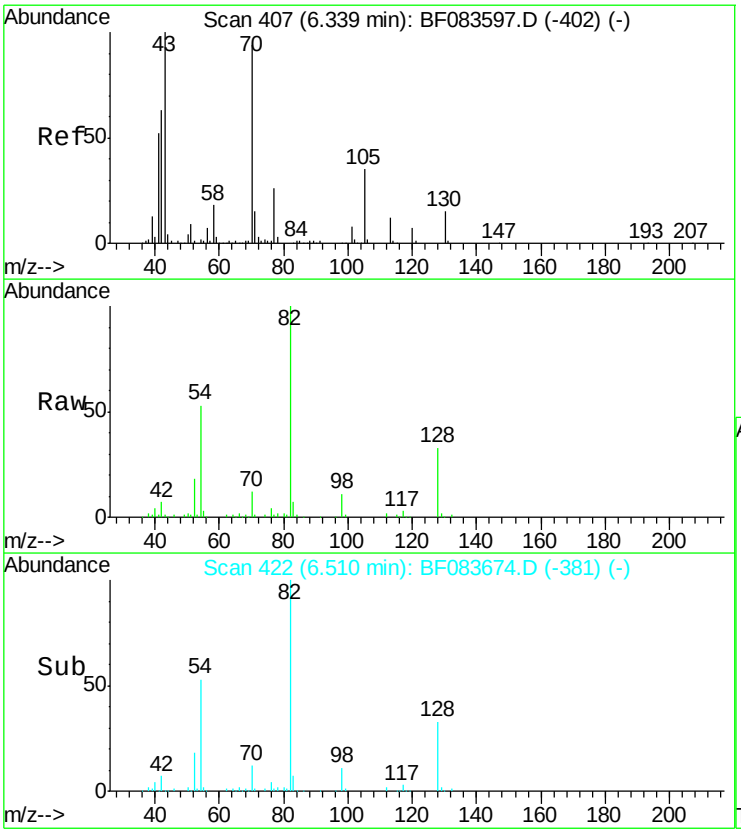
#7
Phenol-d6
Concen: 33.85 ng
RT: 5.25 min Scan# 312
Delta R.T. -0.02 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(8-15)DL

Tgt Ion: 99 Resp: 395884

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.3	25.9
71	32.5	26.6	40.0

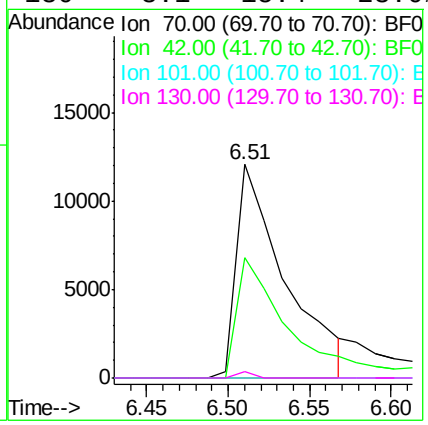


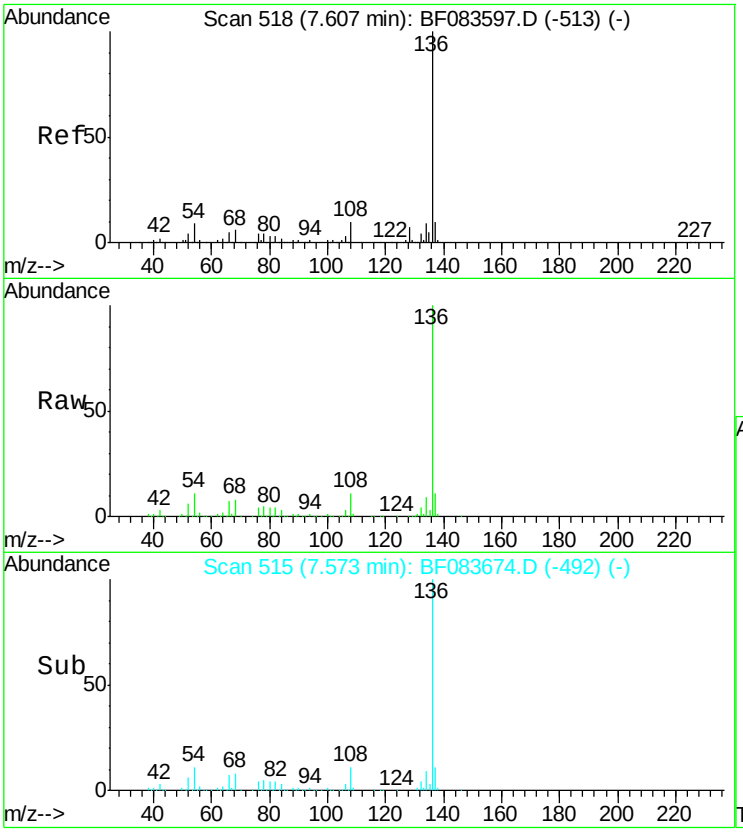


#19
n-Nitroso-di-n-propylamine
Concen: 3.05 ng
RT: 6.51 min Scan# 422
Delta R.T. 0.17 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Tgt Ion: 70 Resp: 24871

Ion	Ratio	Lower	Upper
70	100		
42	56.6	49.2	73.8
101	0.0	7.1	10.7#
130	3.1	15.4	23.0#



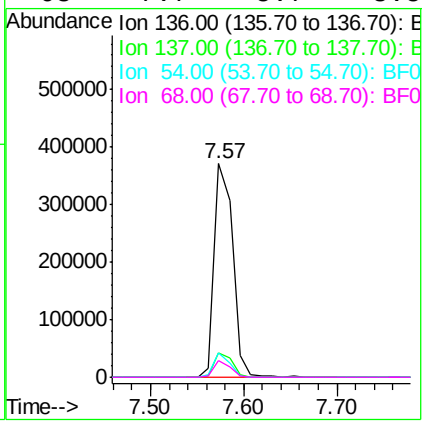


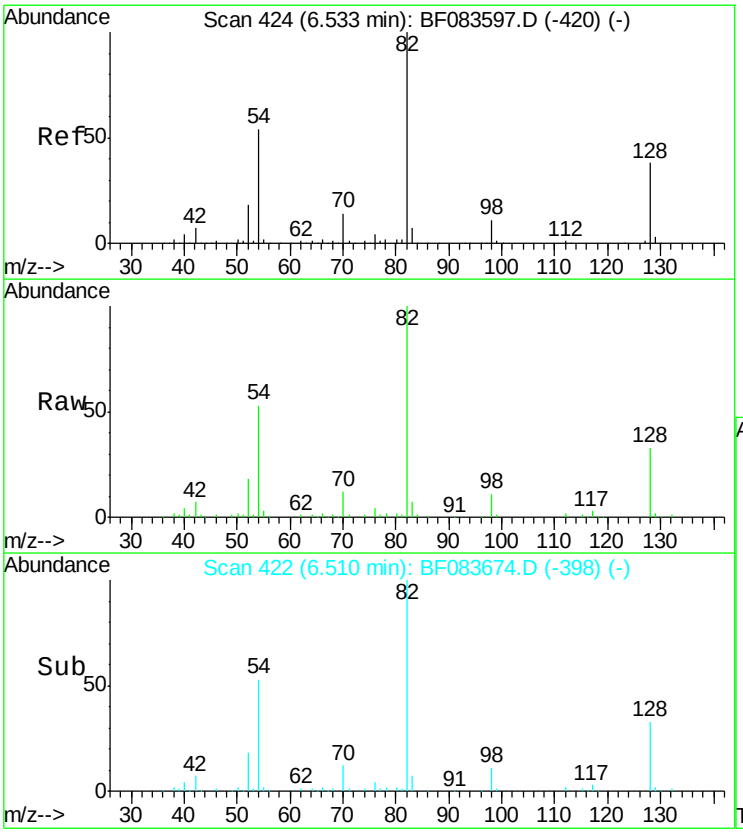
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.57 min Scan# 515
Delta R.T. -0.03 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(8-15)DL

Tgt Ion:136 Resp: 513854

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	11.5	7.8	11.6
68	7.7	5.7	8.5

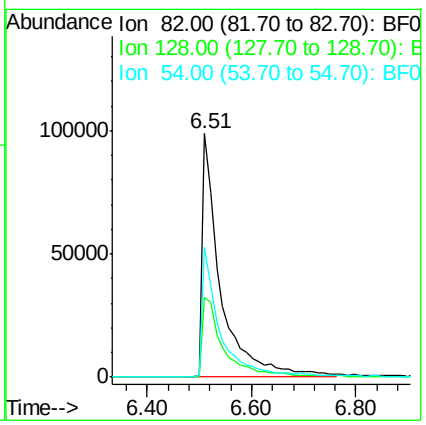


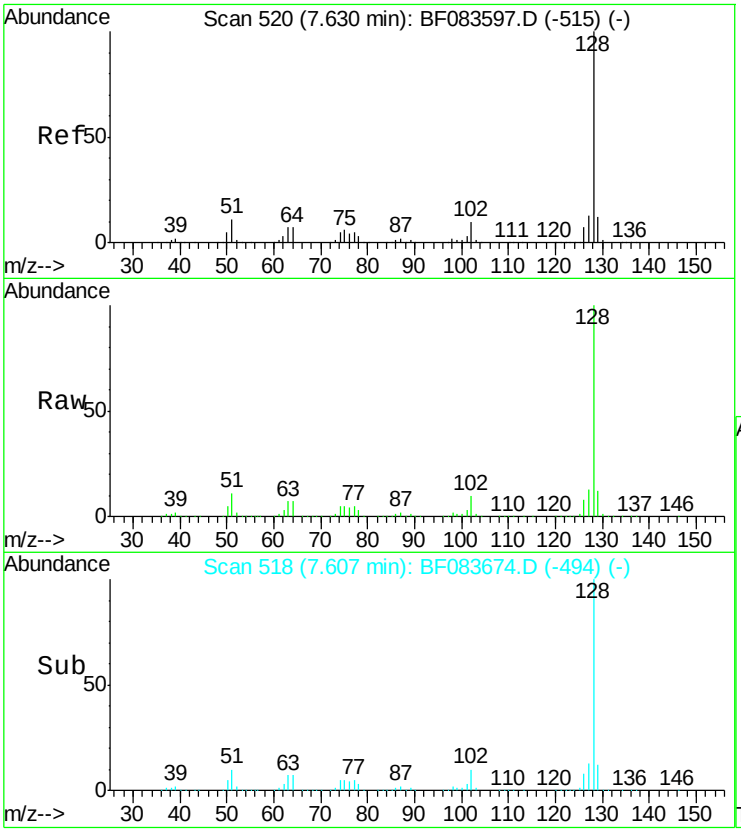


#23
Nitrobenzene-d5
Concen: 22.13 ng
RT: 6.51 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Tgt Ion: 82 Resp: 243711

Ion	Ratio	Lower	Upper
82	100		
128	32.7	30.7	46.1
54	53.2	42.5	63.7



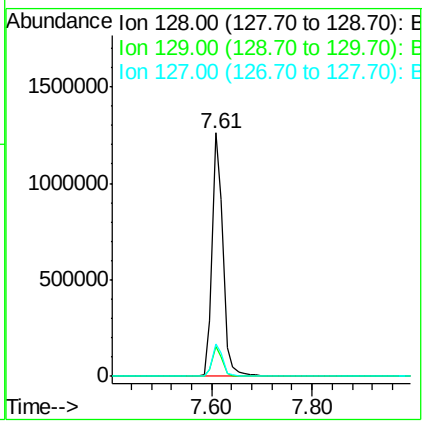


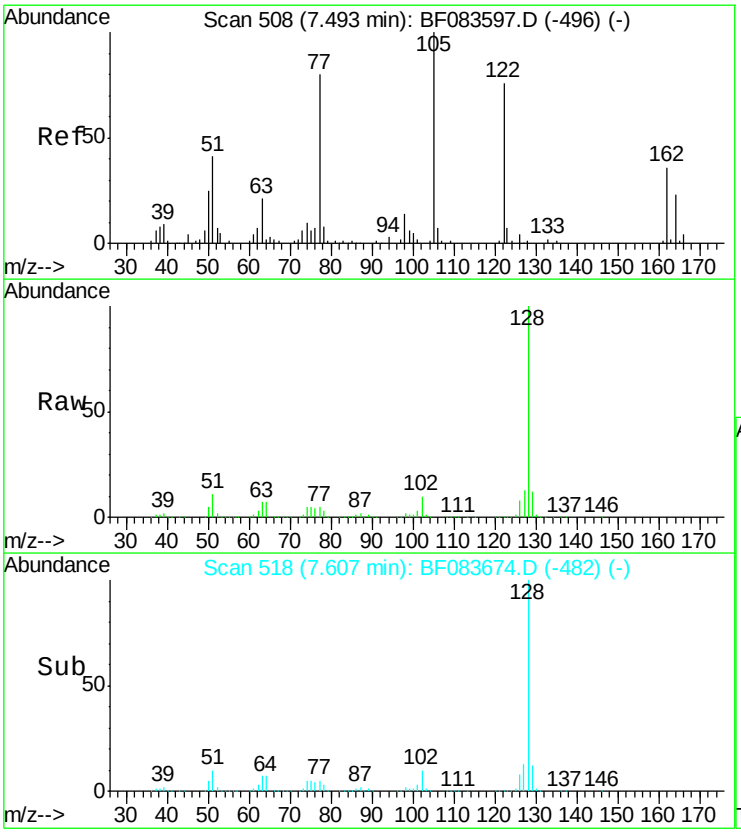
#31
Naphthalene
Concen: 69.34 ng
RT: 7.61 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(8-15)DL

Tgt Ion:128 Resp: 1887067

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.6	13.0
127	13.4	10.6	16.0

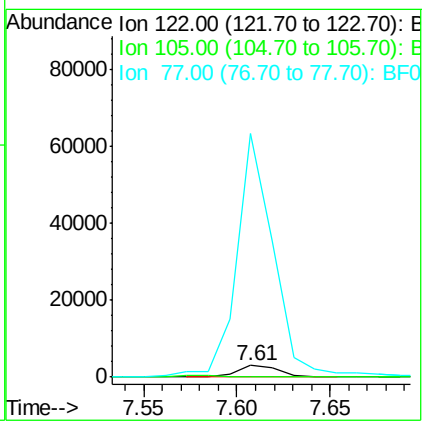


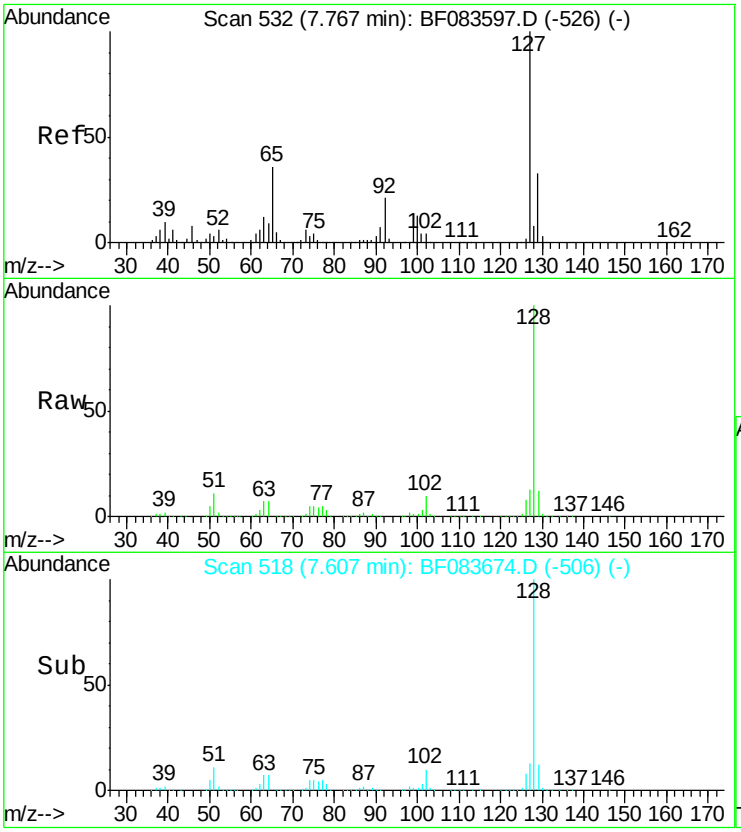


#32
Benzoic acid
Concen: 3.82 ng
RT: 7.61 min Scan# 518
Delta R.T. 0.12 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Tgt Ion:122 Resp: 4516

Ion	Ratio	Lower	Upper
122	100		
105	0.0	105.6	145.6#
77	2102.7	86.8	126.8#



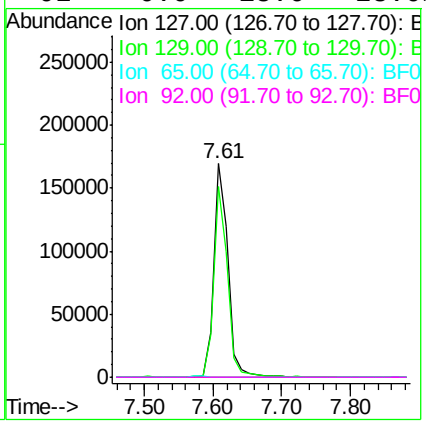


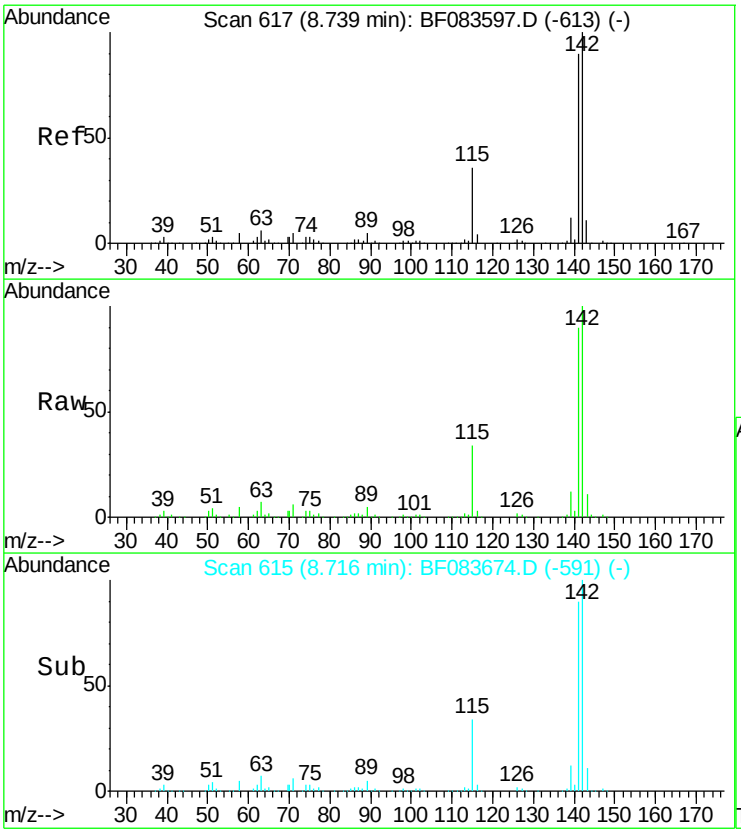
#33
4-Chloroaniline
Concen: 24.93 ng
RT: 7.61 min Scan# 518
Delta R.T. -0.16 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(8-15)DL

Tgt Ion:127 Resp: 247391

Ion	Ratio	Lower	Upper
127	100		
129	89.4	26.1	39.1#
65	0.0	33.5	50.3#
92	0.0	18.6	28.0#

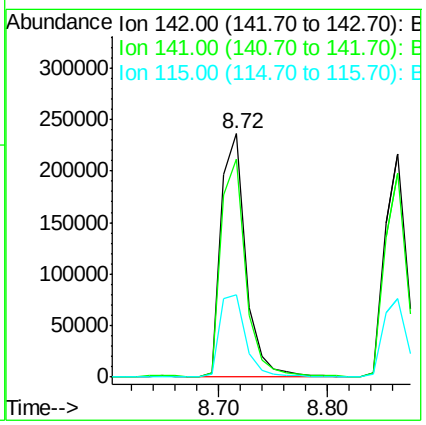


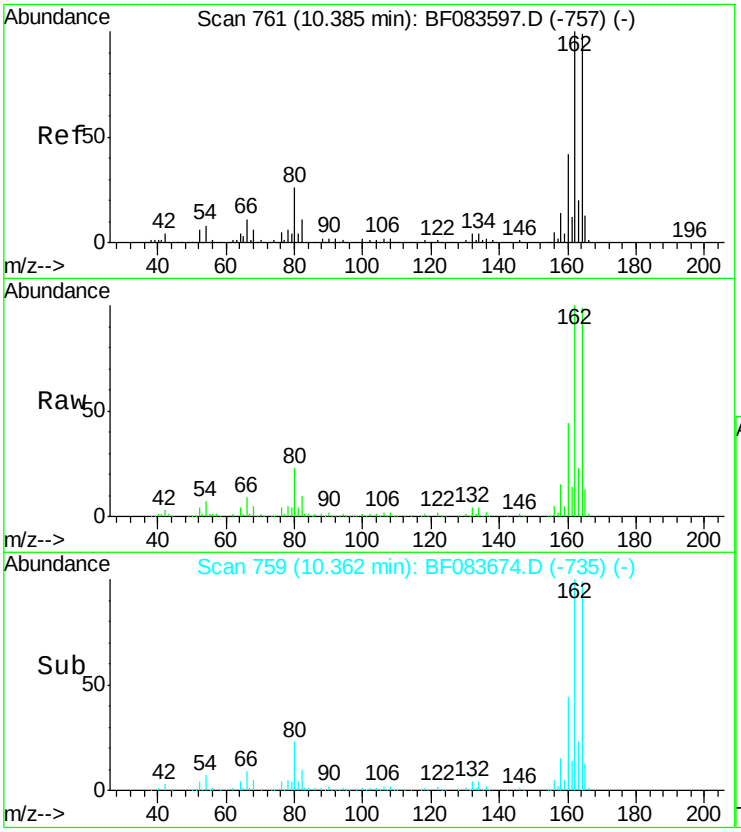


#37
2-Methylnaphthalene
Concen: 21.55 ng
RT: 8.72 min Scan# 615
Delta R.T. -0.02 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Tgt Ion:142 Resp: 368410

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.3	105.5
115	33.9	29.2	43.8



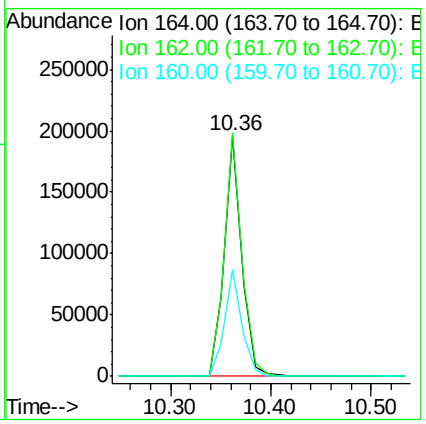


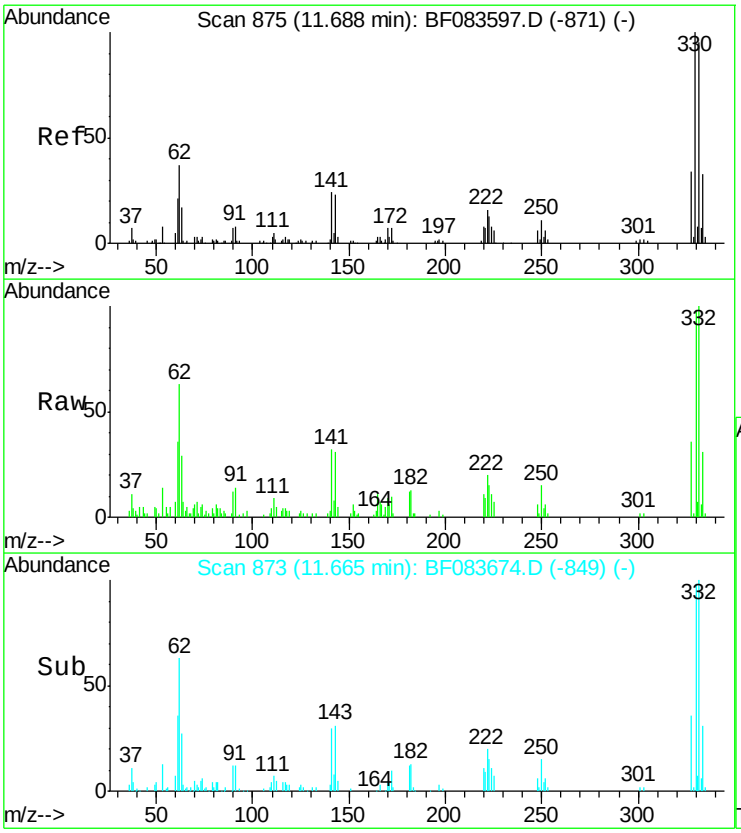
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(8-15)DL

Tgt Ion:164 Resp: 237169

Ion	Ratio	Lower	Upper
164	100		
162	101.4	78.8	118.2
160	44.2	33.4	50.2

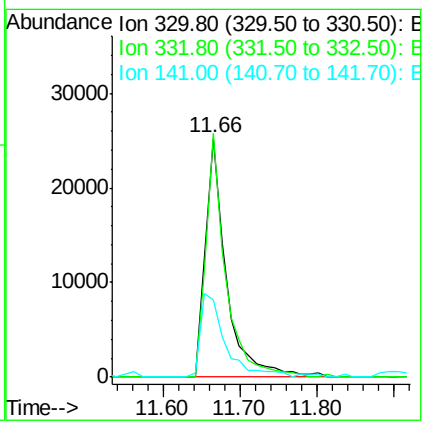


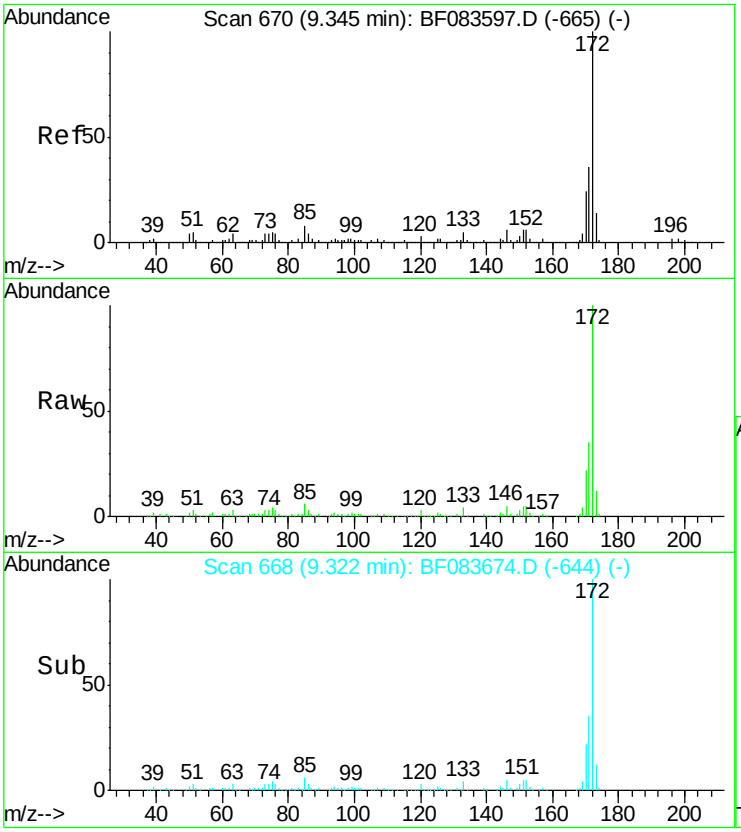


#41
2,4,6-Tribromophenol
Concen: 22.55 ng
RT: 11.66 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Tgt Ion:330 Resp: 47643

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	41.3	0.0	0.0#



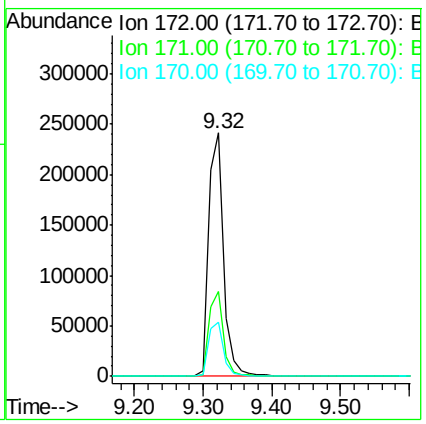


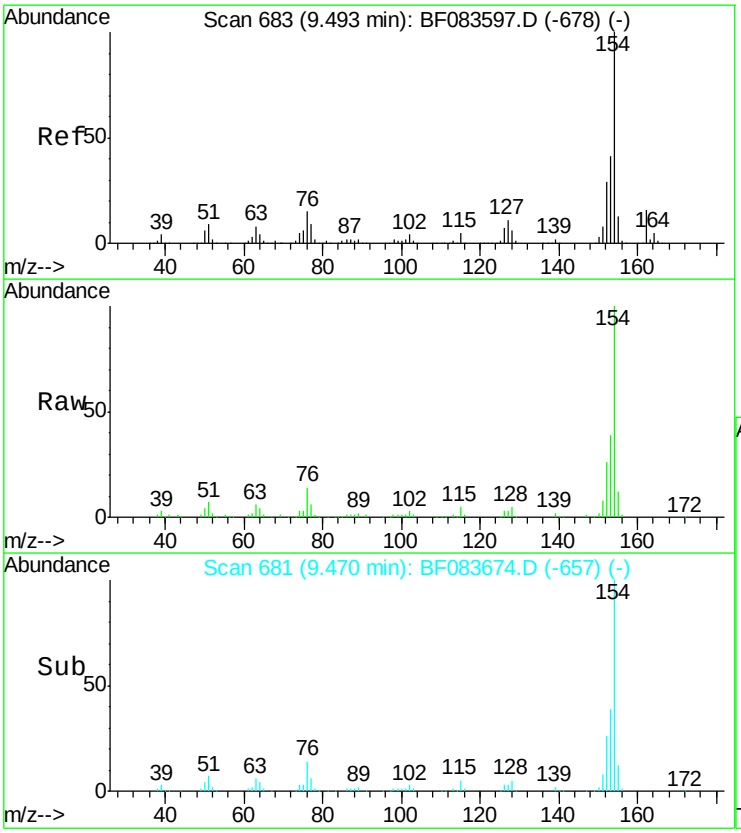
#44
2-Fluorobiphenyl
Concen: 22.07 ng
RT: 9.32 min Scan# 668
Delta R.T. -0.02 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(8-15)DL

Tgt Ion:172 Resp: 371943

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	22.4	19.4	29.0

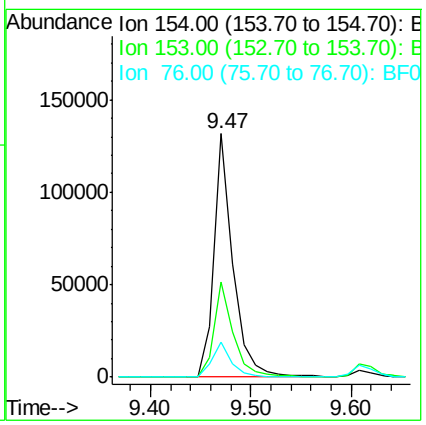


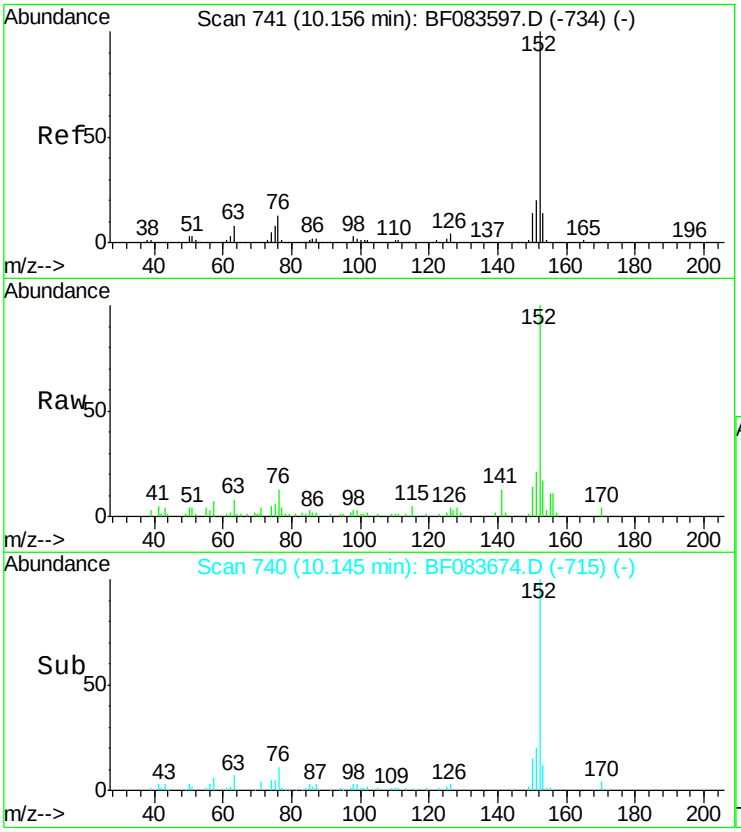


#45
1,1'-Biphenyl
Concen: 8.43 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Tgt Ion:154 Resp: 173803

Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.2	60.2
76	14.3	0.0	34.8



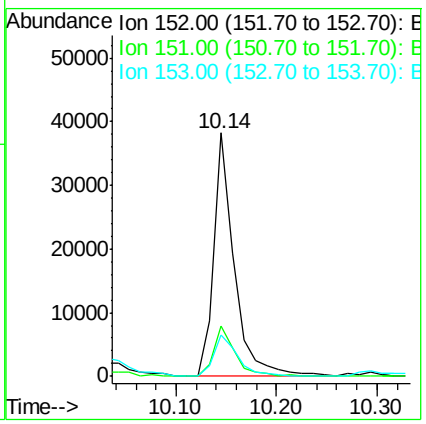


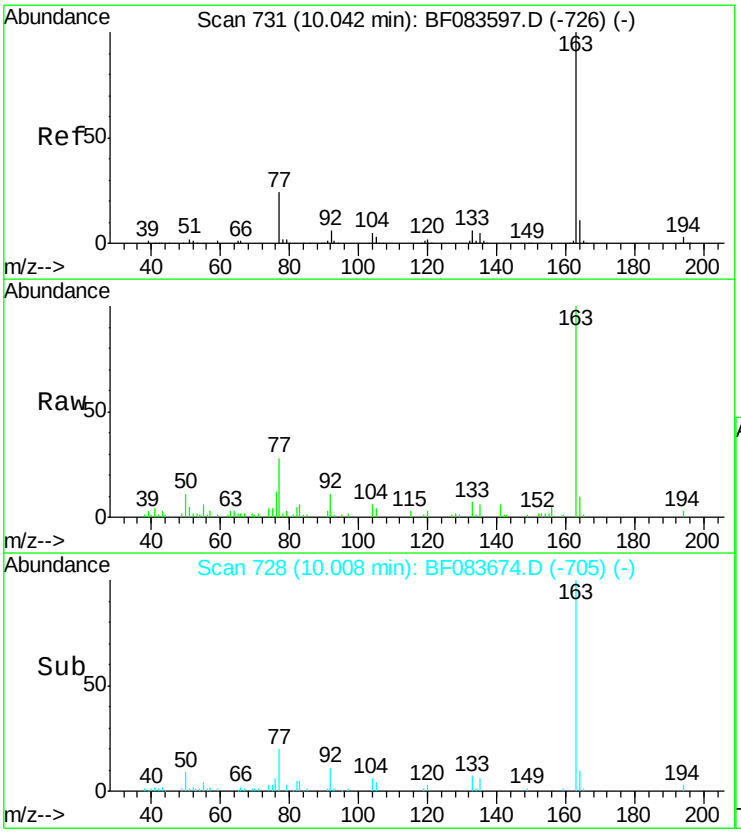
#48
Acenaphthylene
Concen: 2.12 ng
RT: 10.14 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(8-15)DL

Tgt Ion:152 Resp: 54399

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	17.0	10.8	16.2#

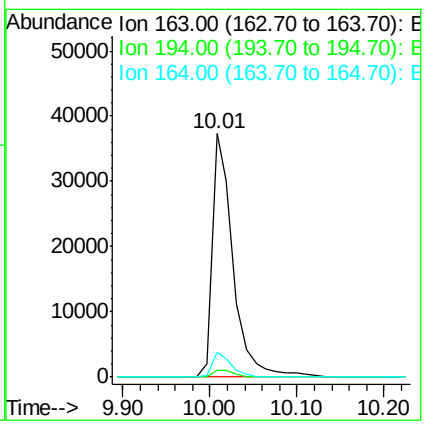


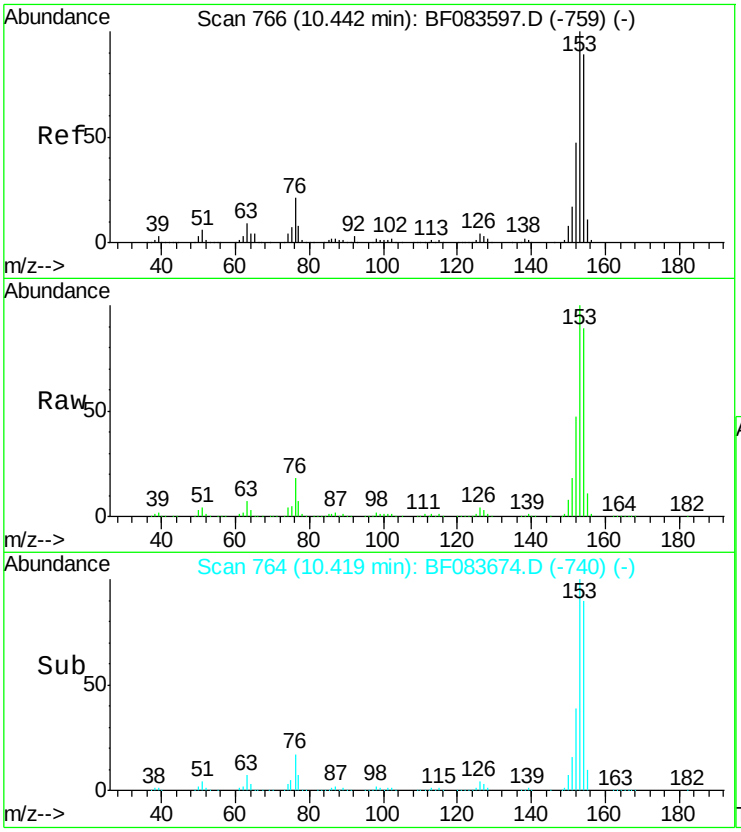


#49
Dimethylphthalate
Concen: 3.30 ng
RT: 10.01 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Tgt Ion:163 Resp: 62341

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	10.0	8.6	13.0



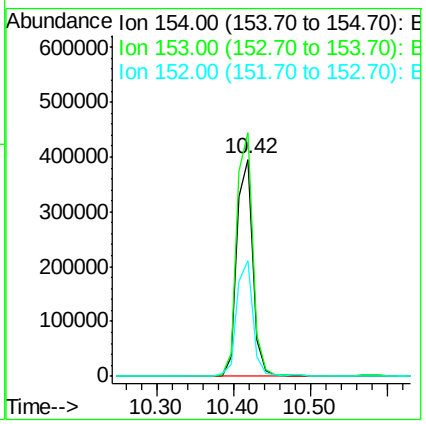


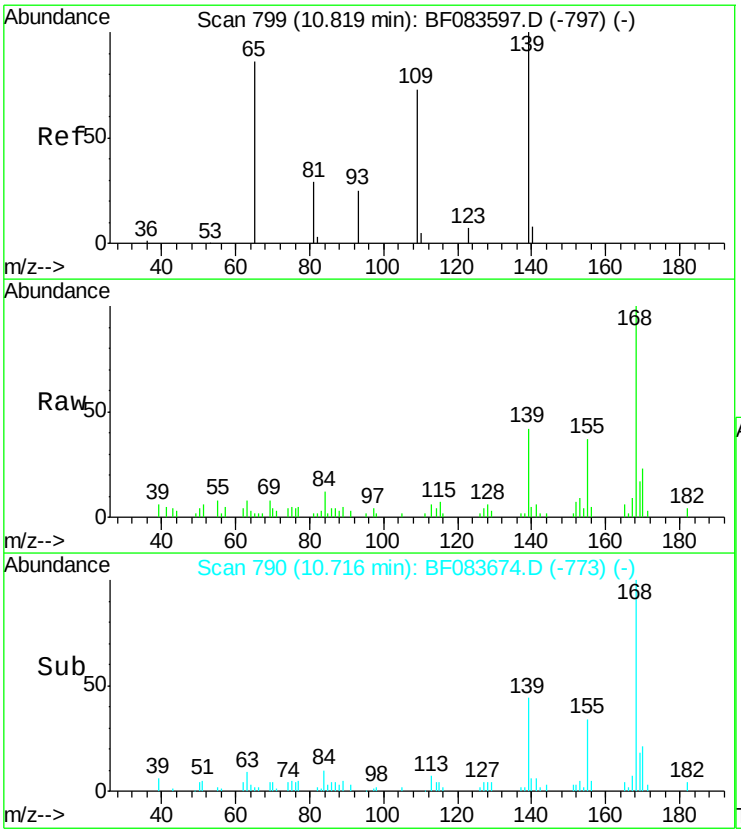
#51
Acenaphthene
Concen: 39.61 ng
RT: 10.42 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(8-15)DL

Tgt Ion:154 Resp: 581965

Ion	Ratio	Lower	Upper
154	100		
153	112.1	91.4	137.0
152	53.0	43.4	65.2

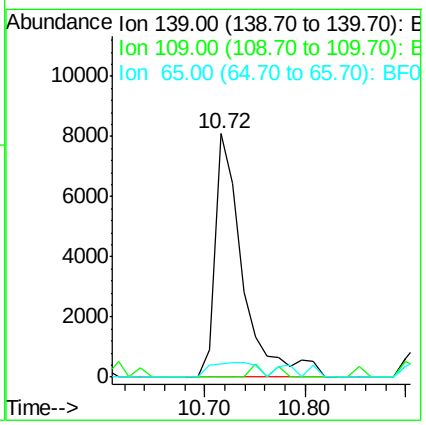


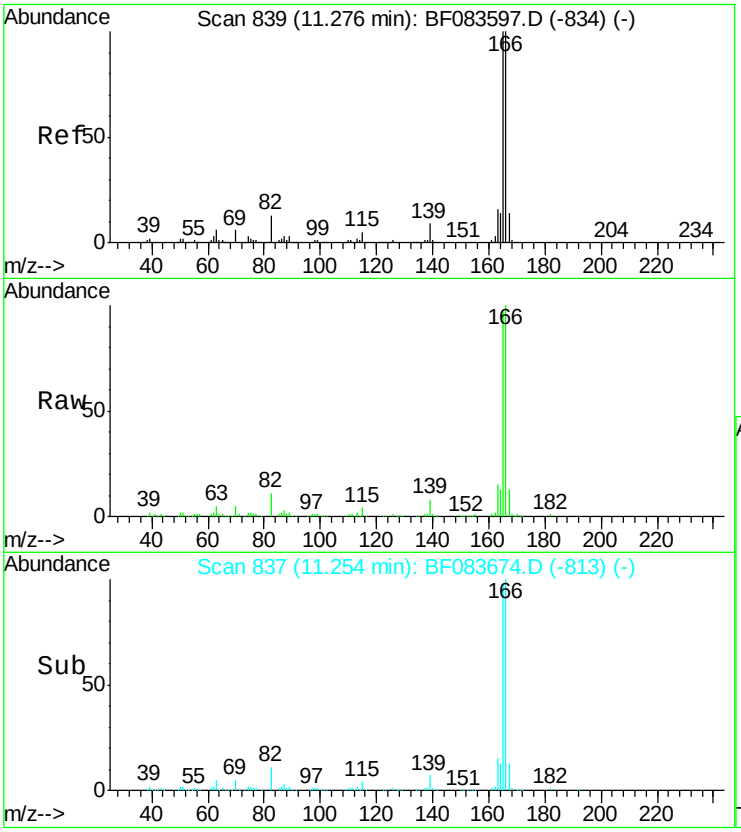


#55
4-Nitrophenol
Concen: 8.43 ng
RT: 10.72 min Scan# 790
Delta R.T. -0.10 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Tgt Ion:139 Resp: 15367

Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.0	82.0#
65	5.3	89.2	129.2#



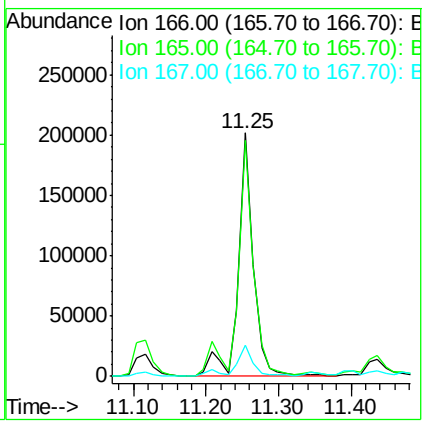


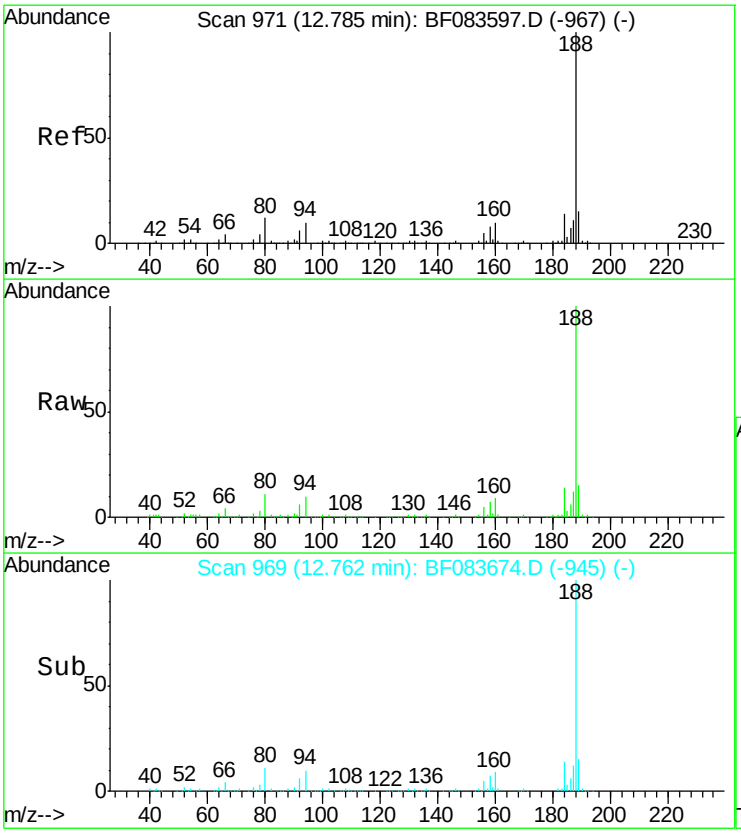
#57
Fluorene
Concen: 16.37 ng
RT: 11.25 min Scan# 837
Delta R.T. -0.02 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(8-15)DL

Tgt Ion:166 Resp: 291173

Ion	Ratio	Lower	Upper
166	100		
165	96.7	80.0	120.0
167	12.9	10.6	16.0

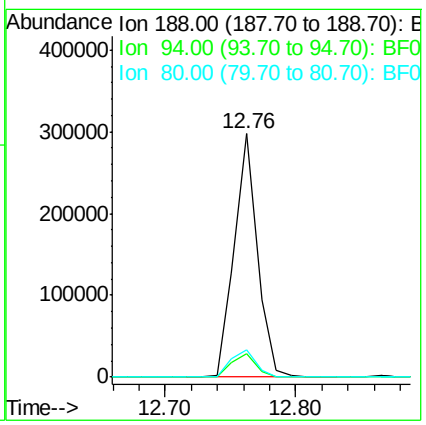


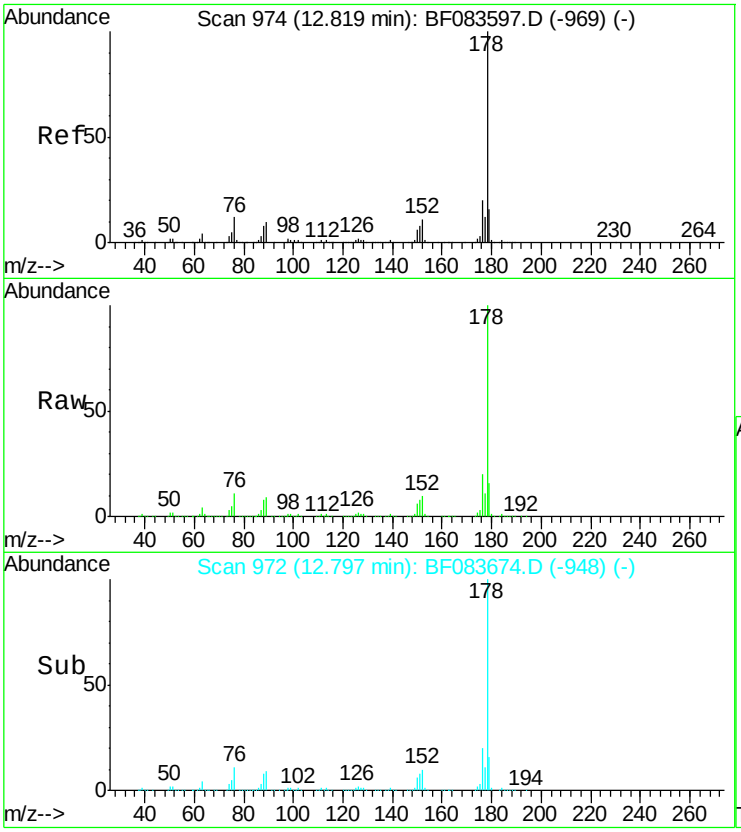


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Tgt Ion:188 Resp: 365468

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	11.3	10.6	16.0



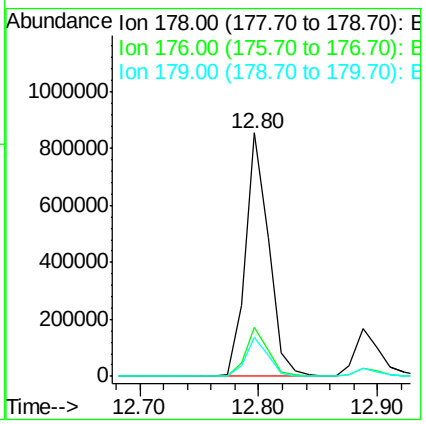


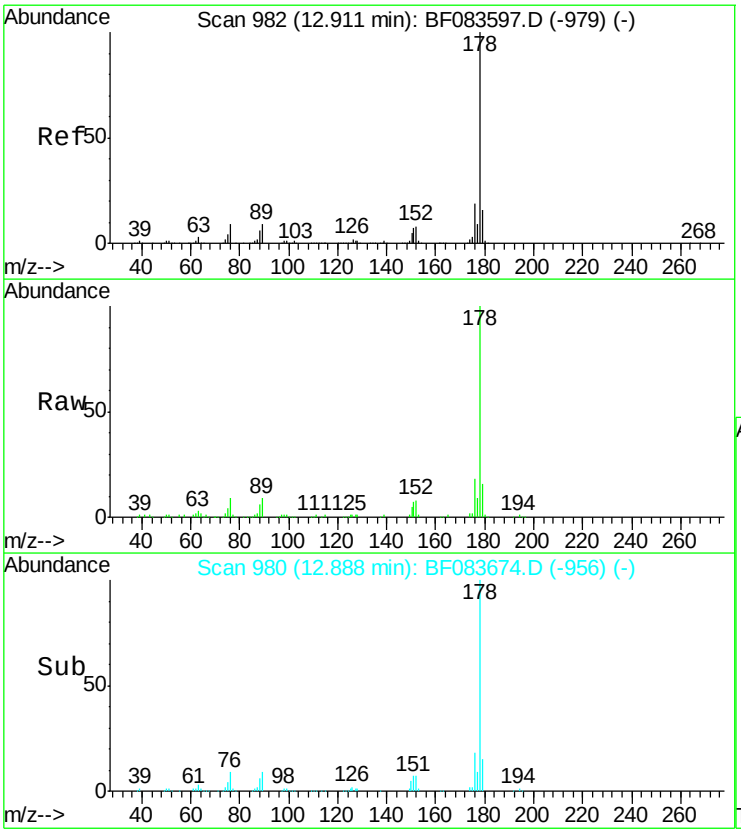
#70
Phenanthrene
Concen: 55.92 ng
RT: 12.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(8-15)DL

Tgt Ion:178 Resp: 1174259

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	15.7	12.2	18.4

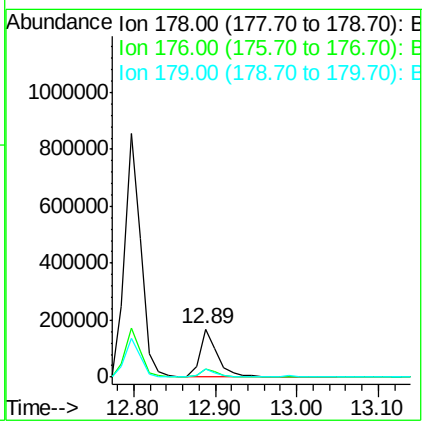


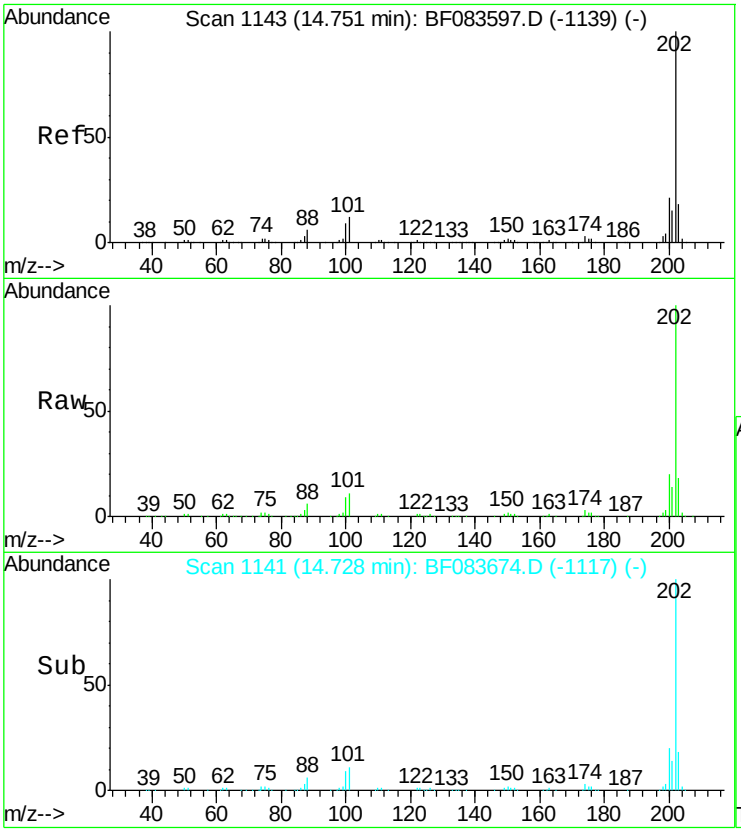


#71
Anthracene
Concen: 11.81 ng
RT: 12.89 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Tgt Ion:178 Resp: 256984

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.2	22.8
179	15.6	12.6	18.8



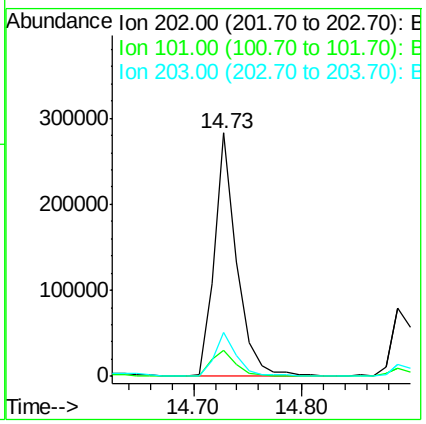


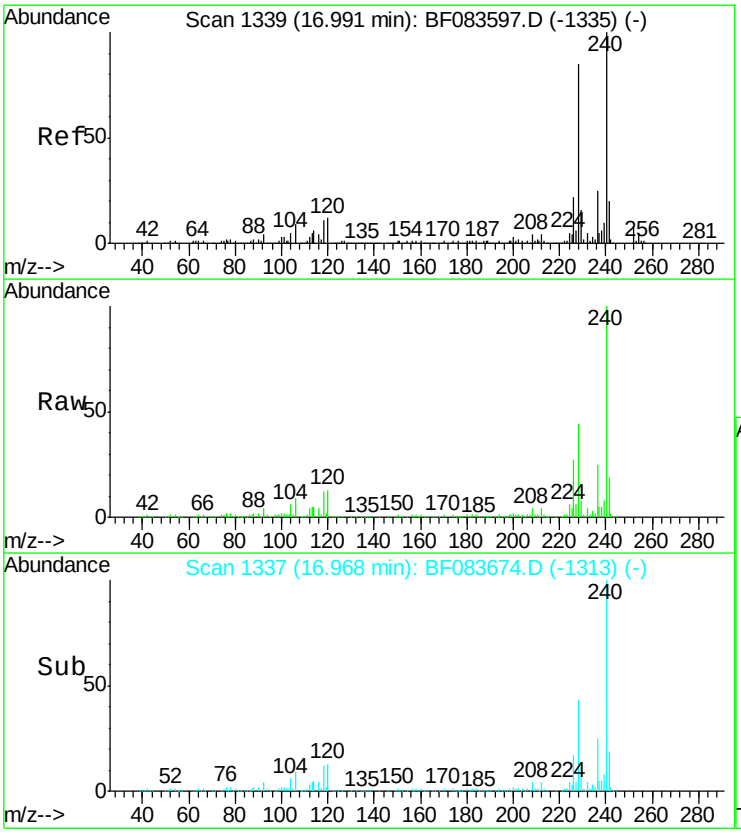
#74
Fluoranthene
Concen: 18.83 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(8-15)DL

Tgt Ion:202 Resp: 404505

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.5
203	17.8	0.0	37.6

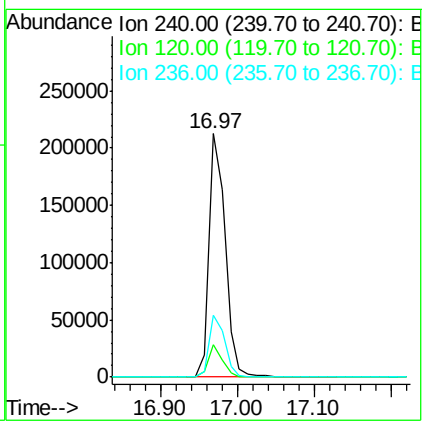


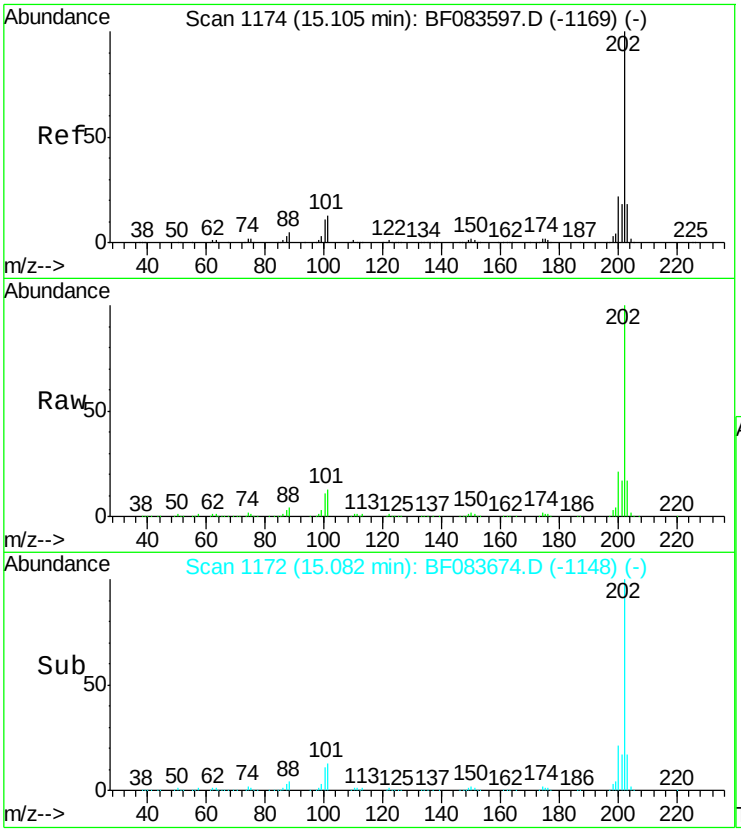


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.97 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Tgt Ion:240 Resp: 308874

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.1	12.1#
236	25.3	20.8	31.2



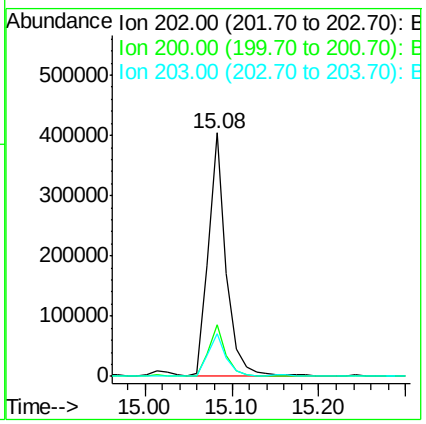


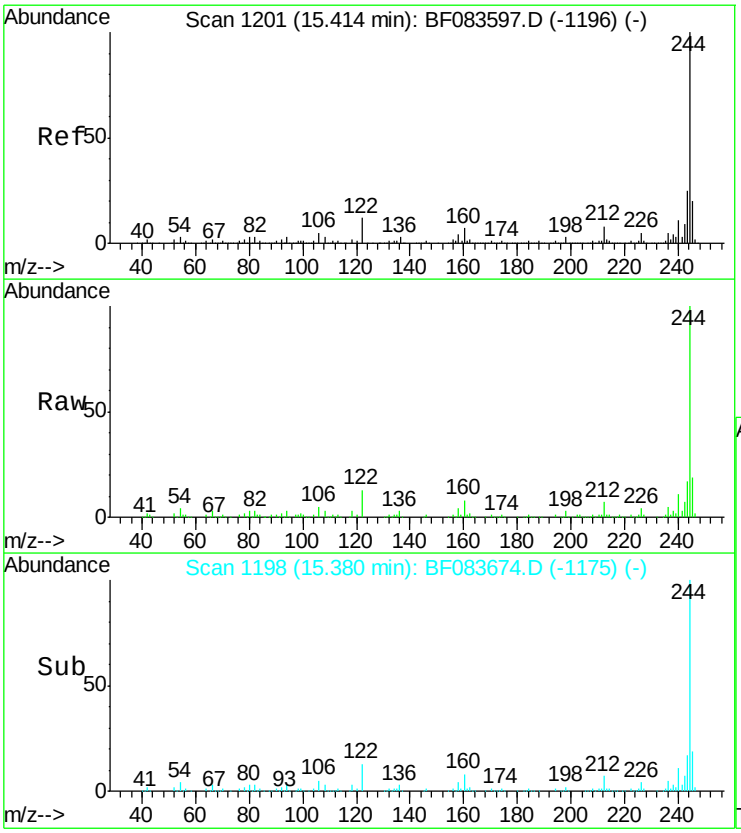
#77
Pyrene
Concen: 25.77 ng
RT: 15.08 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(8-15)DL

Tgt Ion:202 Resp: 573023

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.5	14.3	21.5

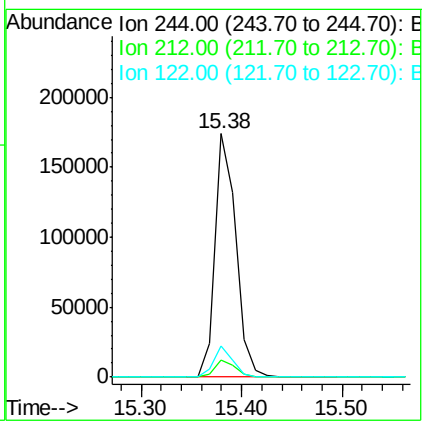


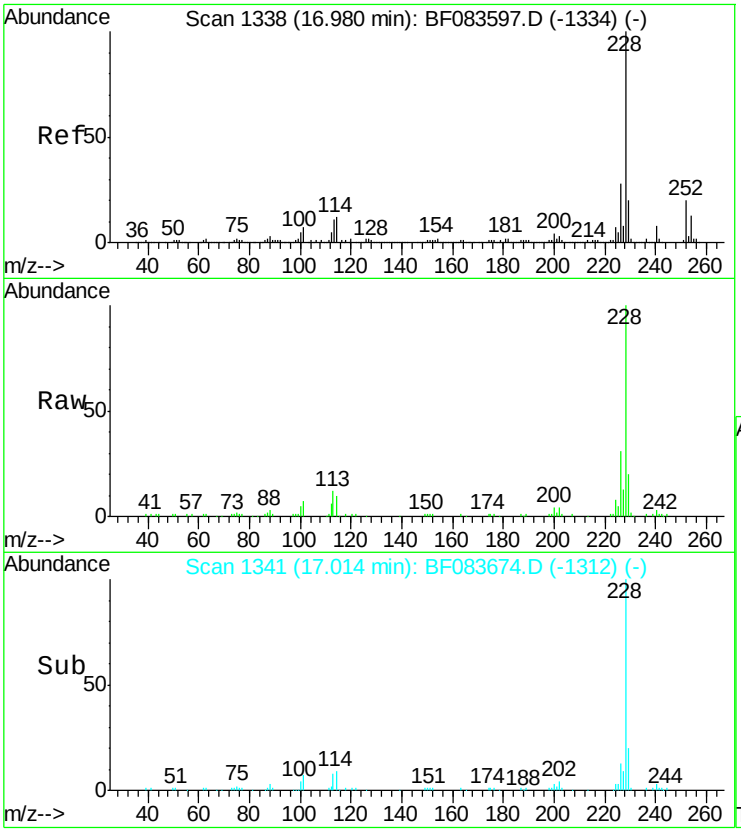


#78
Terphenyl-d14
Concen: 19.07 ng
RT: 15.38 min Scan# 1198
Delta R.T. -0.03 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Tgt Ion:244 Resp: 250322

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	12.8	11.0	16.6



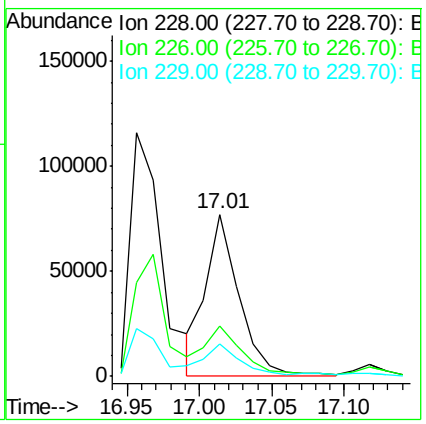


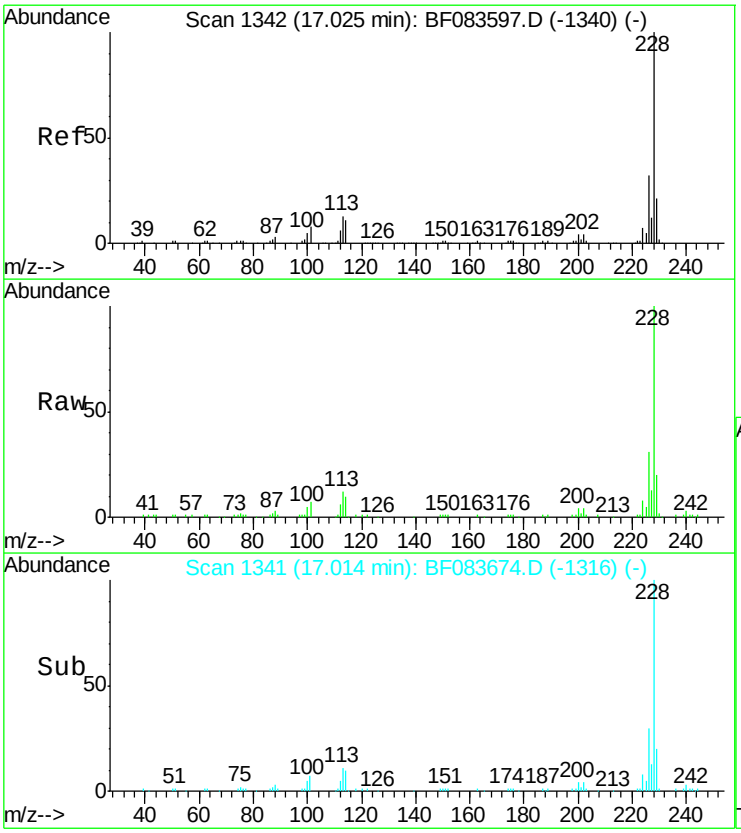
#80
Benzo(a)anthracene
Concen: 6.84 ng
RT: 17.01 min Scan# 1341
Delta R.T. 0.03 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(8-15)DL

Tgt Ion:228 Resp: 123614

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.3	33.5
229	20.3	15.7	23.5

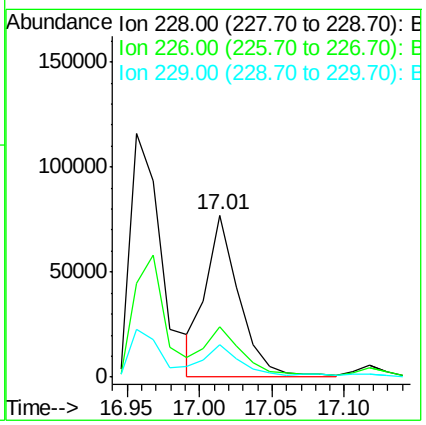


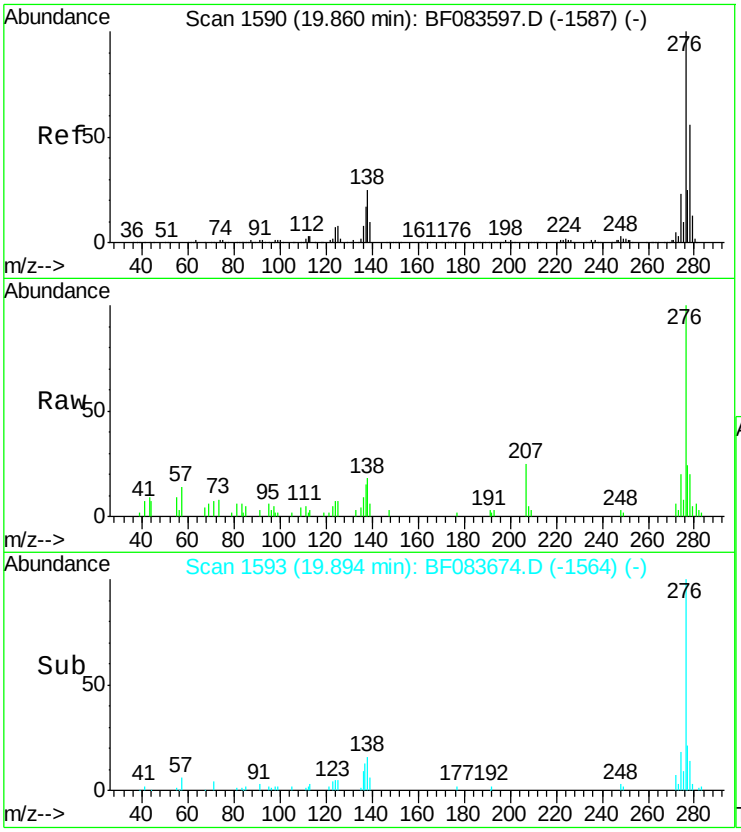


#82
Chrysene
Concen: 6.82 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Tgt Ion:228 Resp: 123614

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	20.3	16.3	24.5



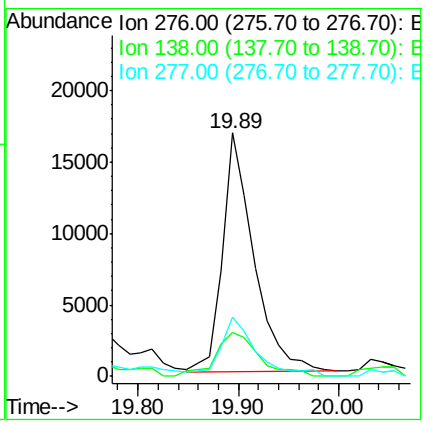


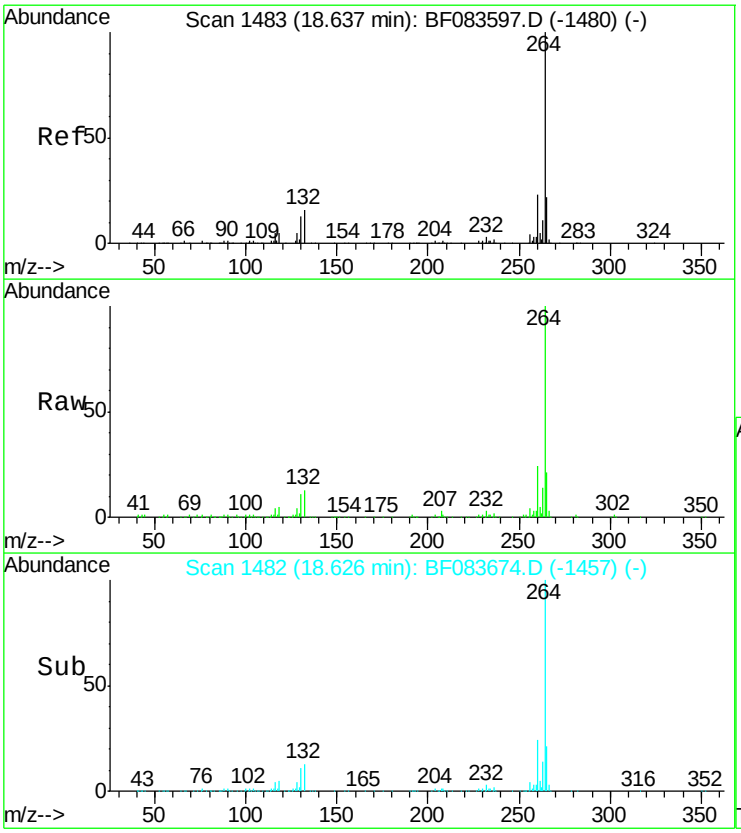
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.93 ng
RT: 19.89 min Scan# 1593
Delta R.T. 0.03 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(8-15)DL

Tgt Ion:276 Resp: 35864

Ion	Ratio	Lower	Upper
276	100		
138	25.5	0.0	0.0#
277	28.4	0.0	0.0#

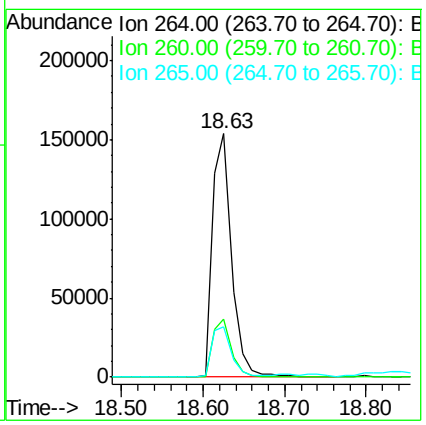


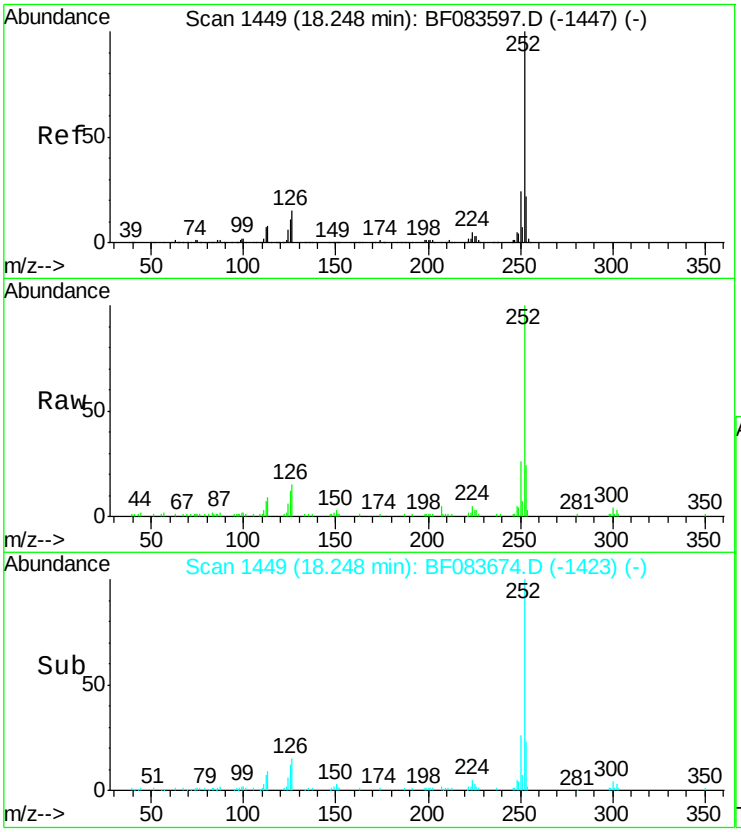


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Tgt Ion:264 Resp: 250289

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	20.7	17.8	26.6



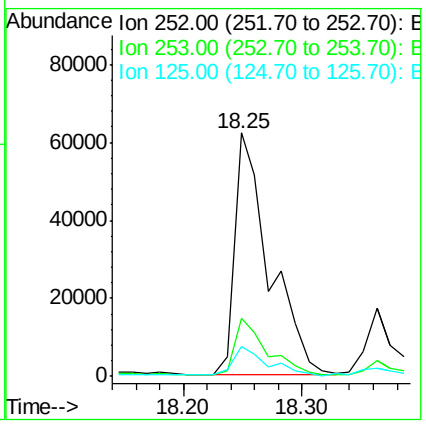


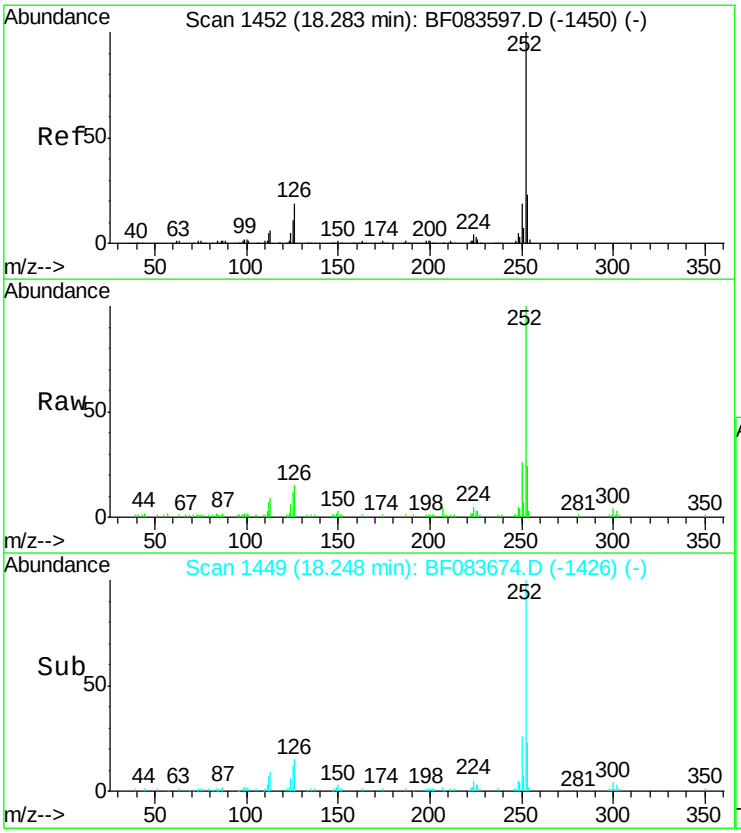
#87
Benzo(b)fluoranthene
Concen: 8.88 ng
RT: 18.25 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(8-15)DL

Tgt Ion:252 Resp: 126520

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	12.3	8.2	12.4

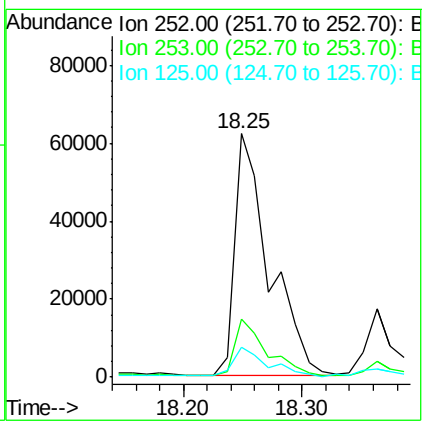


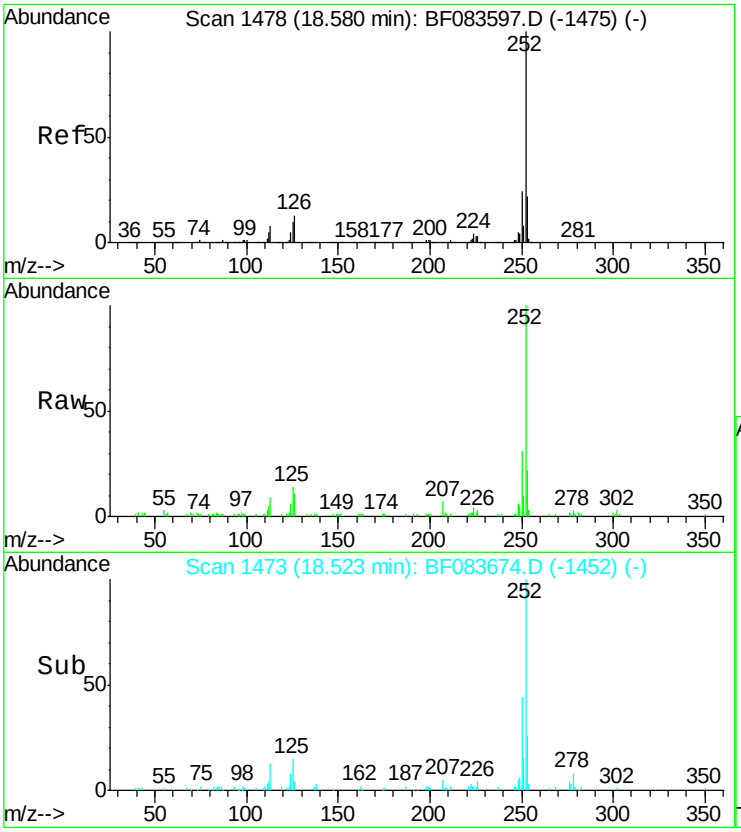


#88
Benzo(k)fluoranthene
Concen: 8.06 ng
RT: 18.25 min Scan# 1449
Delta R.T. -0.03 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Tgt Ion:252 Resp: 126520

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	27.8
125	12.3	11.5	17.3



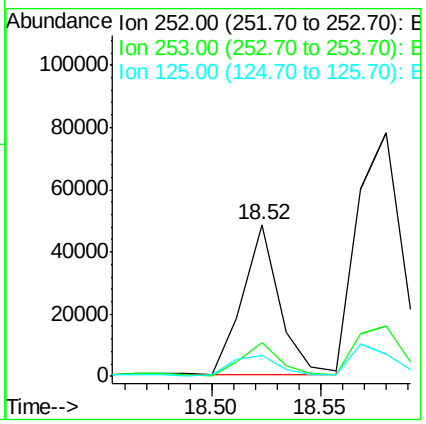


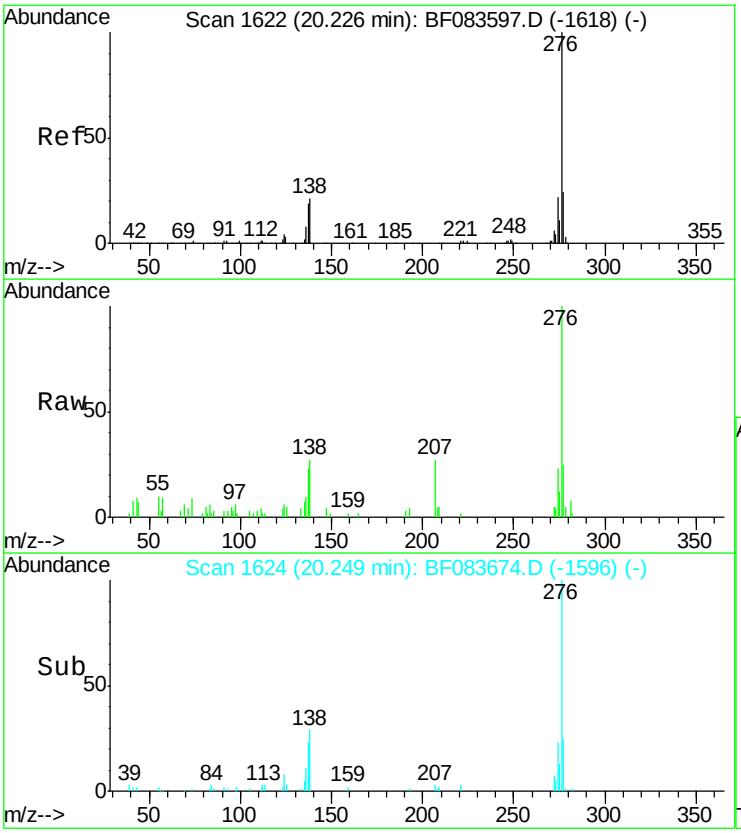
#89
Benzo(a)pyrene
Concen: 4.11 ng
RT: 18.52 min Scan# 1473
Delta R.T. -0.06 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(8-15)DL

Tgt Ion:252 Resp: 57154

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	13.9	11.0	16.6





#91
Benzo(g,h,i)perylene
Concen: 4.41 ng
RT: 20.25 min Scan# 1624
Delta R.T. 0.02 min
Lab File: BF083674.D
Acq: 10 Dec 2015 9:15

Tgt Ion:276 Resp: 45774

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.2	28.8
138	27.1	19.5	29.3