Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
Data File : BF084839.D
Acq On : 4 Feb 2016 20:12
Operator : SJ/IZ
Sample : H1320-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B012(5-7)

Quant Time: Feb 05 01:39:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	148365	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	630389	20.00	ng		-0.01
38) Acenaphthene-d10	9.71	164	282559	20.00	ng		-0.02
63) Phenanthrene-d10	11.18	188	472683	20.00	ng		-0.02
75) Chrysene-d12	13.83	240	308906	20.00	ng		-0.01
86) Perylene-d12	15.20	264	301213	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1544131	162.11	ng		0.00
7) Phenol-d6	6.33	99	1670324	141.45	ng		-0.01
23) Nitrobenzene-d5	7.24	82	1110717	99.26	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	391143	132.71	ng		-0.02
44) 2-Fluorobiphenyl	9.04	172	1726239	118.39	ng		-0.02
78) Terphenyl-d14	12.79	244	1287365	94.44	ng		-0.01
Target Compounds							Qvalue
15) Benzyl Alcohol	6.83	79	19680	2.41	ng	#	49
19) n-Nitroso-di-n-propylamine	7.24	70	149182	20.15	ng	#	72
31) Naphthalene	7.98	128	131711	4.17	ng		95
37) 2-Methylnaphthalene	8.67	142	42134	2.13	ng		98
48) Acenaphthylene	9.57	152	222400	7.89	ng		97
49) Dimethylphthalate	9.44	163	339043	15.75	ng	#	90
51) Acenaphthene	9.74	154	122573	6.68	ng		99
54) Dibenzofuran	9.92	168	176401	7.87	ng		96
55) 4-Nitrophenol	9.92	139	65342	16.83	ng	#	12
57) Fluorene	10.26	166	233863	12.49	ng		100
66) 4-Bromophenyl-phenylether	10.50	248	25964	4.97	ng	#	1
70) Phenanthrene	11.22	178	2018340	76.99	ng		96
71) Anthracene	11.26	178	675441	25.57	ng		99
72) Carbazole	11.42	167	129979	5.64	ng		98
74) Fluoranthene	12.41	202	2819398	106.25	ng		96
76) Benzidine	12.51	184	2748	7.06	ng	#	1
77) Pyrene	12.64	202	2630890	111.24	ng		97
80) Benzo(a)anthracene	13.81	228	1305585	68.10	ng		94
82) Chrysene	13.81	228	1305585	70.22	ng		98
83) Bis(2-ethylhexyl)phthalate	13.83	149	46279	3.47	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.49	276	648392	44.31	ng		95
87) Benzo(b)fluoranthene	14.83	252	1640057	81.04	ng	#	95
88) Benzo(k)fluoranthene	14.83	252	1640057	98.01	ng		98
89) Benzo(a)pyrene	15.15	252	997271	57.83	ng		97
90) Dibenzo(a,h)anthracene	16.49	278	182146	12.55	ng	#	77
91) Benzo(g,h,i)perylene	16.88	276	608570	41.62	ng		95

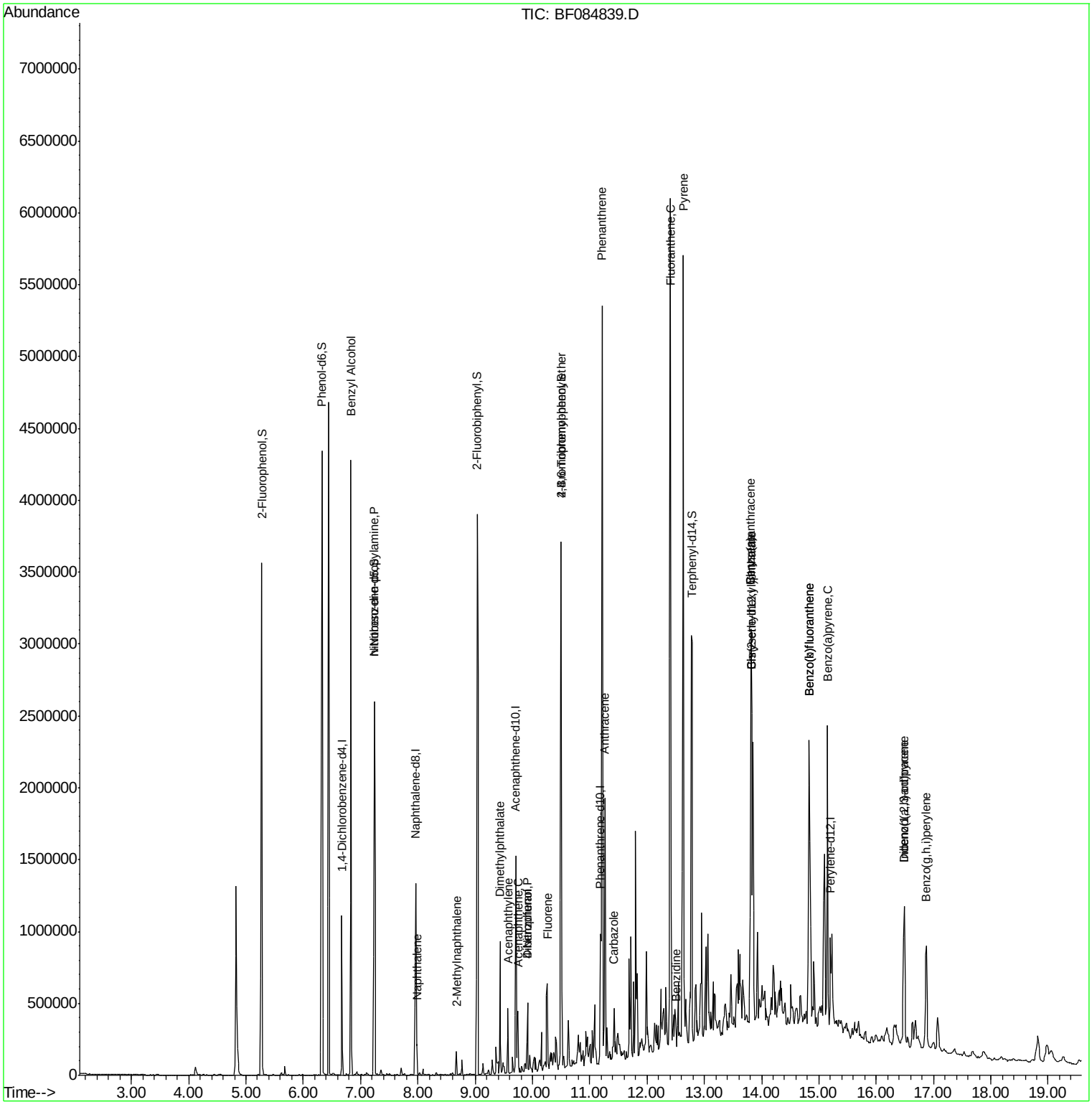
(#) = qualifier out of range (m) = manual integration (+) = signals summed

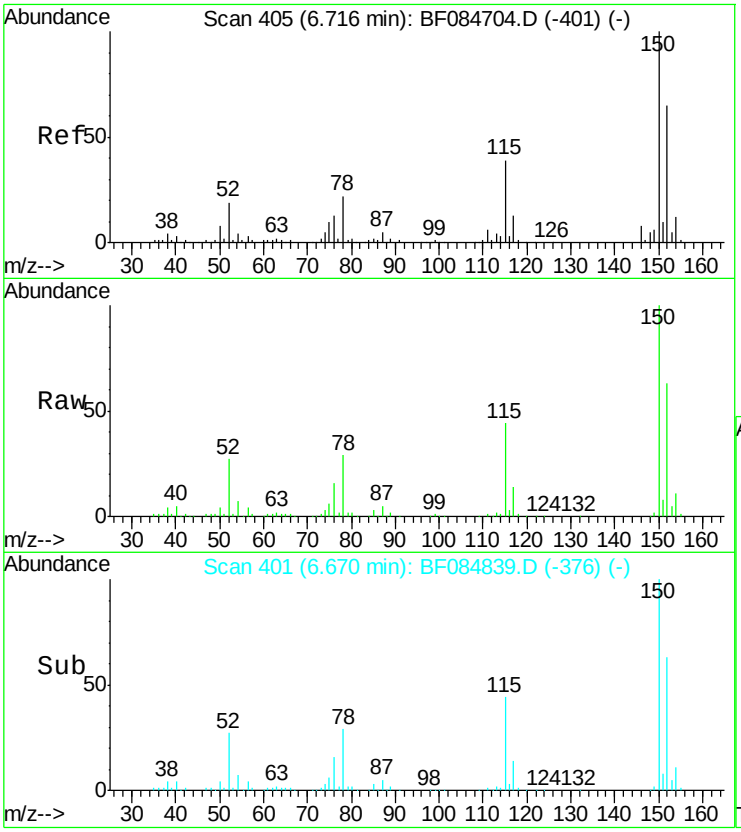
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
Data File : BF084839.D
Acq On : 4 Feb 2016 20:12
Operator : SJ/IZ
Sample : H1320-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B012(5-7)

Quant Time: Feb 05 01:39:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration



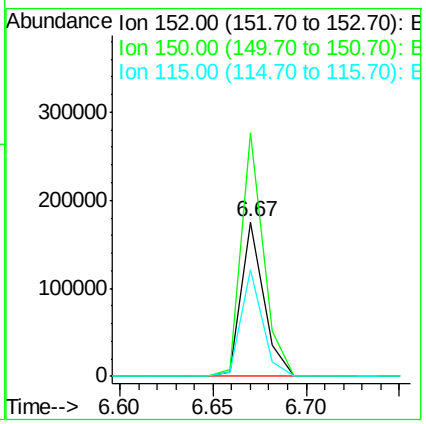


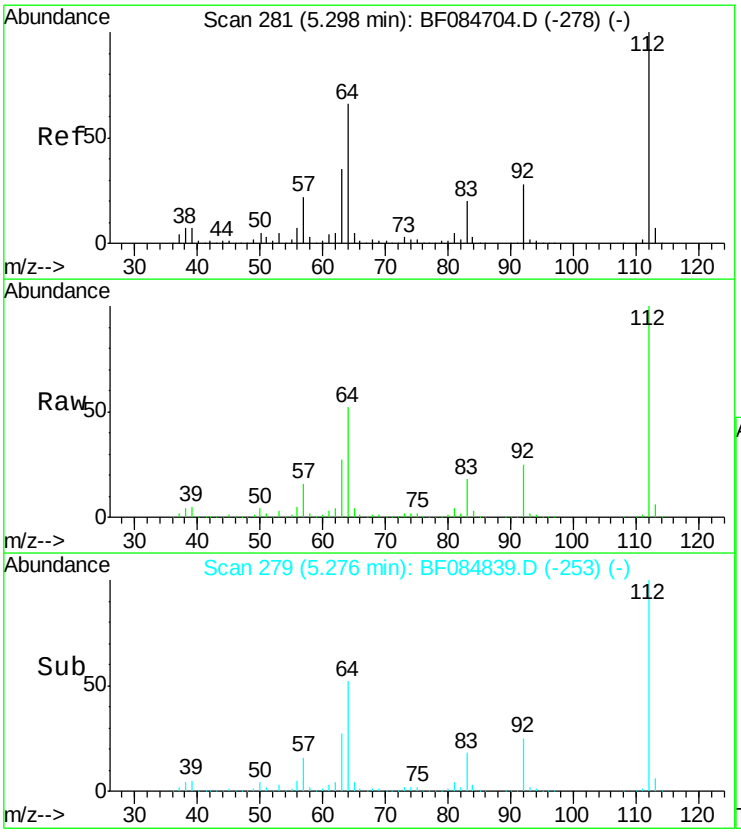
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion:152 Resp: 148365

Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.0	184.4
115	69.1	51.4	77.2

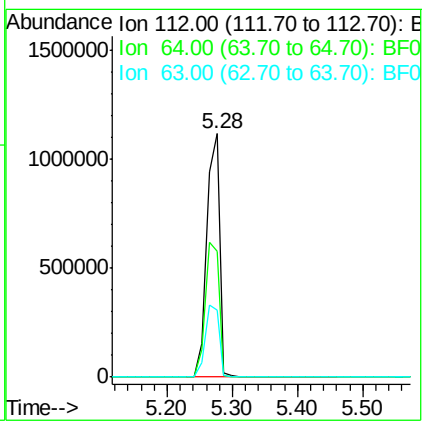


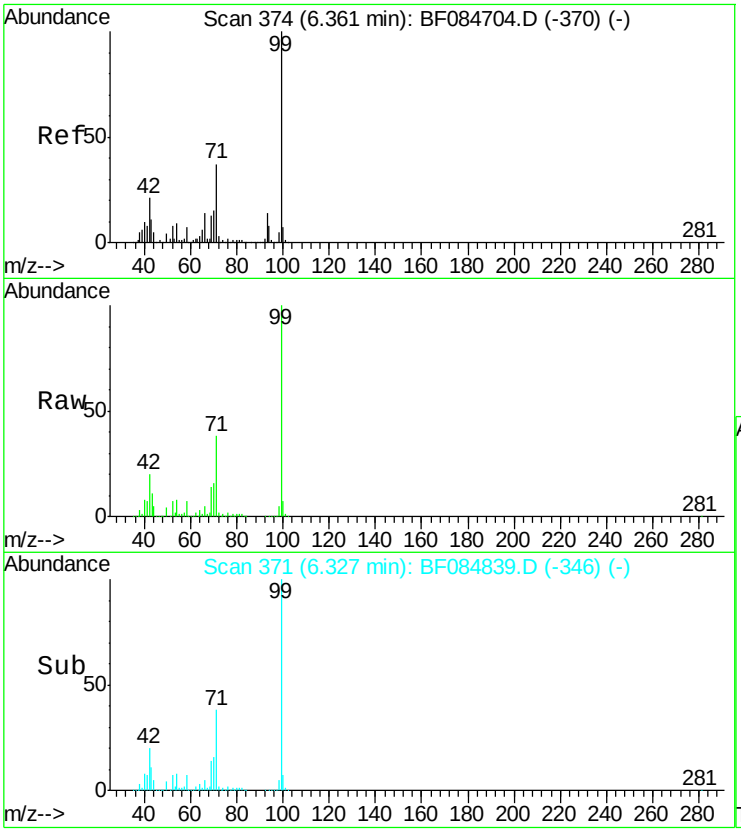


#5
2-Fluorophenol
Concen: 162.11 ng
RT: 5.28 min Scan# 279
Delta R.T. 0.00 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:112 Resp: 1544131

Ion	Ratio	Lower	Upper
112	100		
64	51.6	36.6	55.0
63	27.5	19.4	29.0



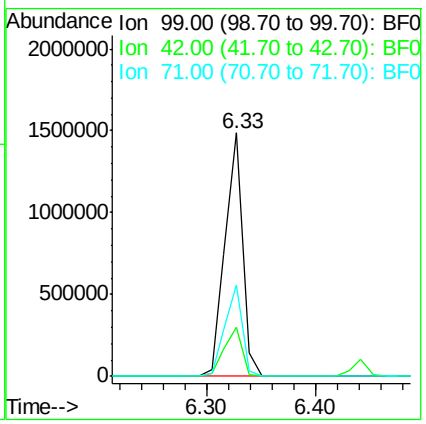


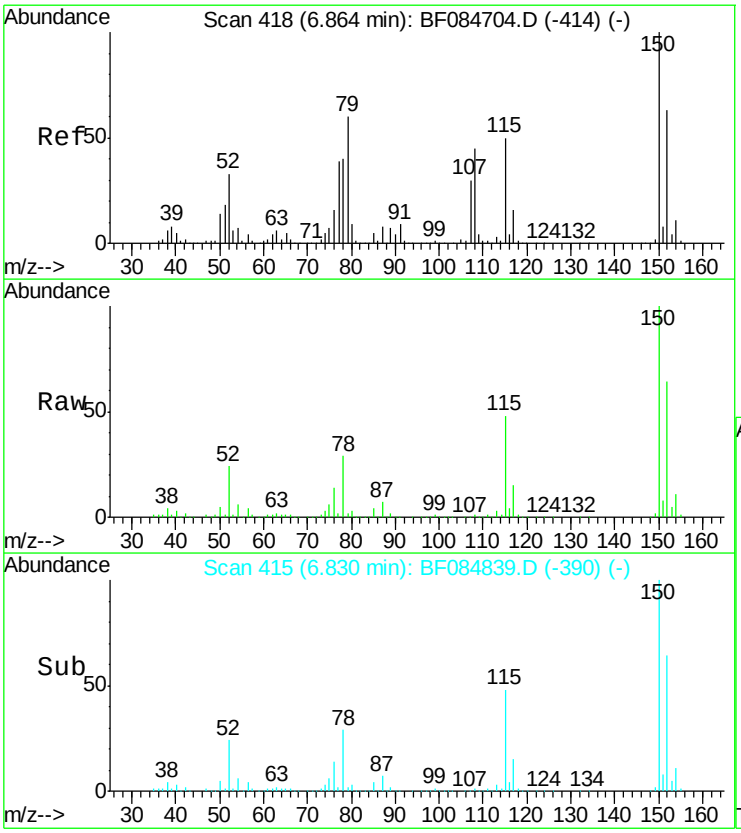
#7
Phenol-d6
Concen: 141.45 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion: 99 Resp: 1670324

Ion	Ratio	Lower	Upper
99	100		
42	20.3	12.8	19.2#
71	37.6	30.9	46.3

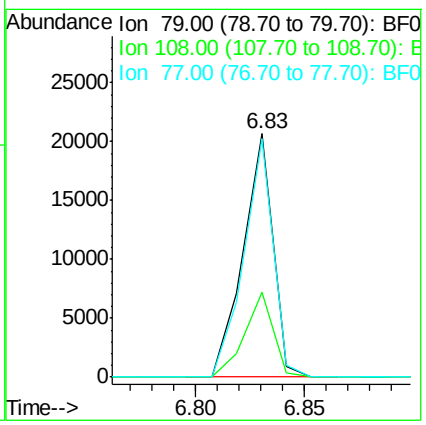


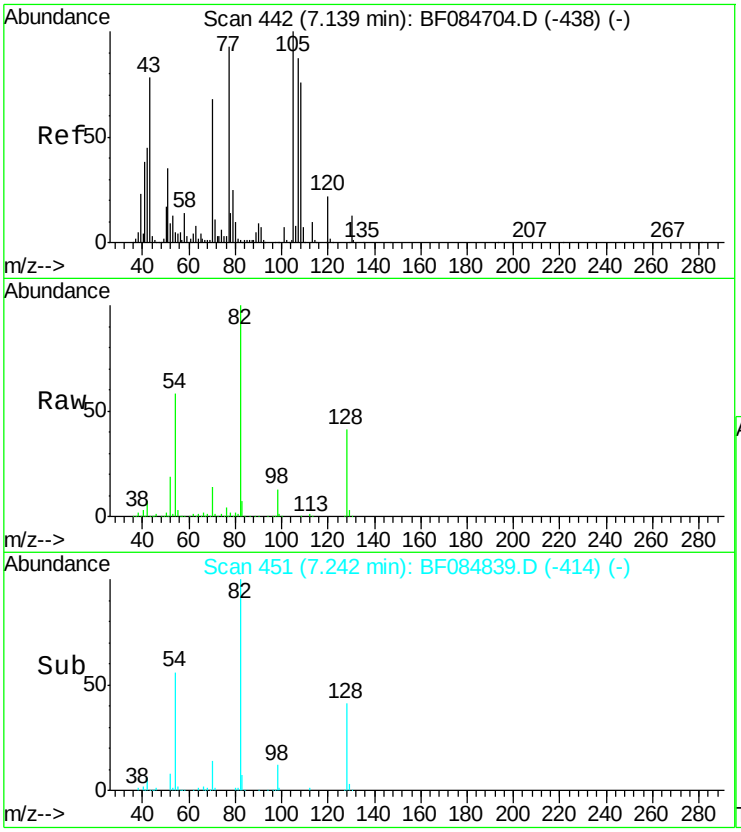


#15
Benzyl Alcohol
Concen: 2.41 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion: 79 Resp: 19680

Ion	Ratio	Lower	Upper
79	100		
108	35.1	69.0	103.4#
77	97.9	50.0	75.0#



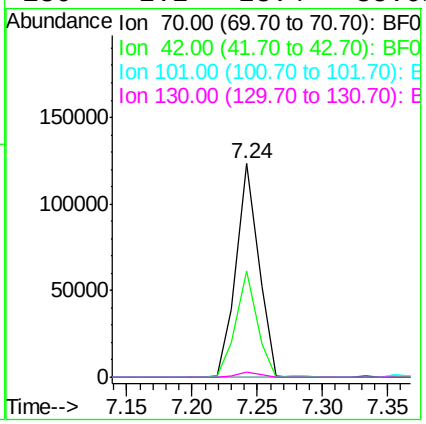


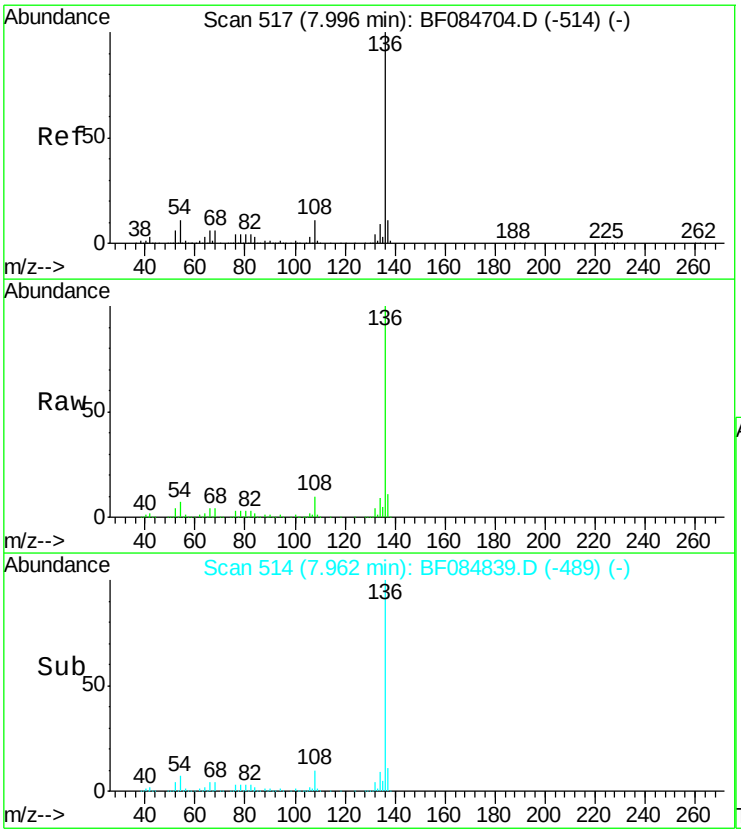
#19
n-Nitroso-di-n-propylamine
Concen: 20.15 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.13 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion: 70 Resp: 149182

Ion	Ratio	Lower	Upper
70	100		
42	49.5	33.3	49.9
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#

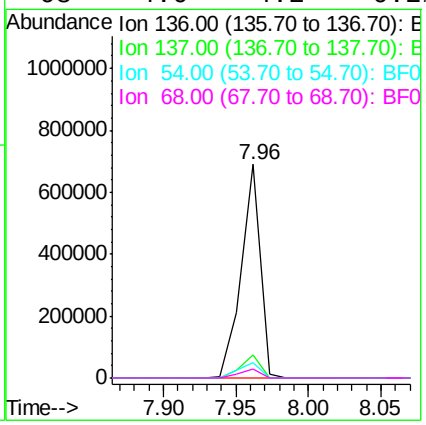


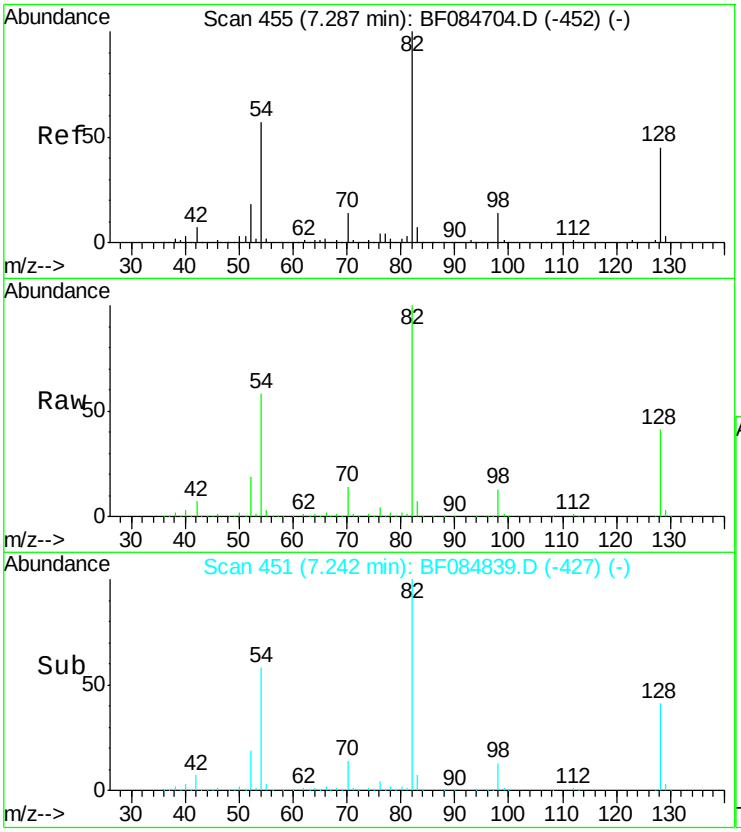


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:136 Resp: 630389

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	5.8	8.8
68	4.0	4.2	6.2#



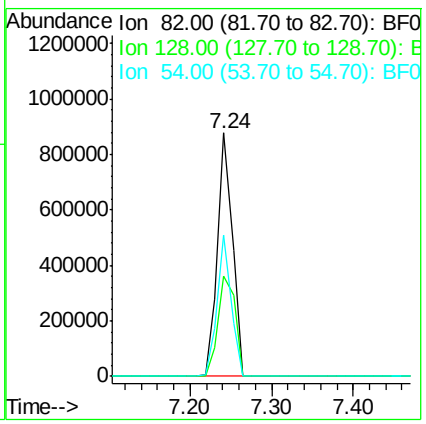


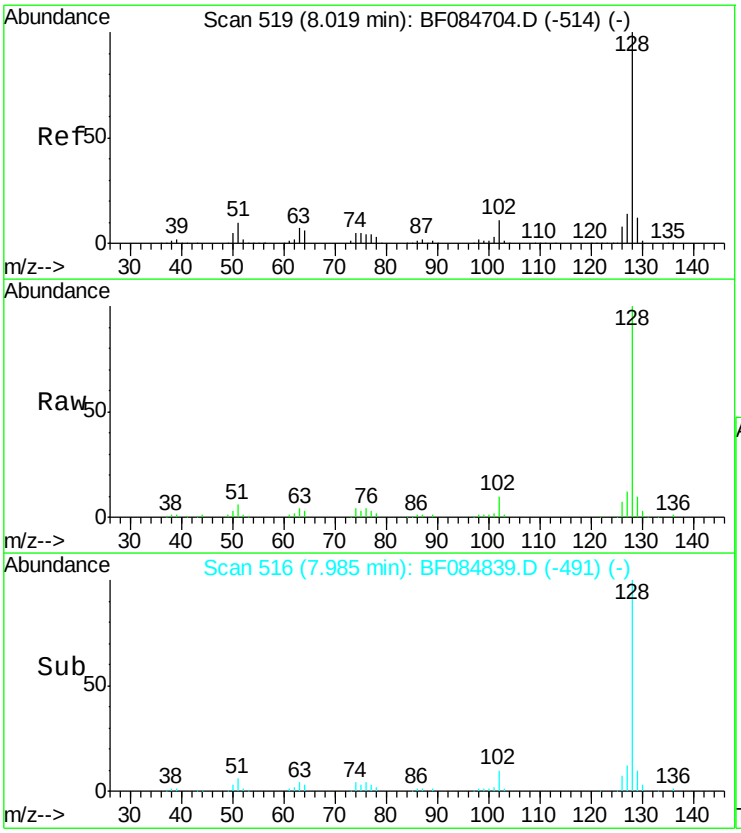
#23
Nitrobenzene-d5
Concen: 99.26 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion: 82 Resp: 1110717

Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	51.8
54	58.1	38.4	57.6#

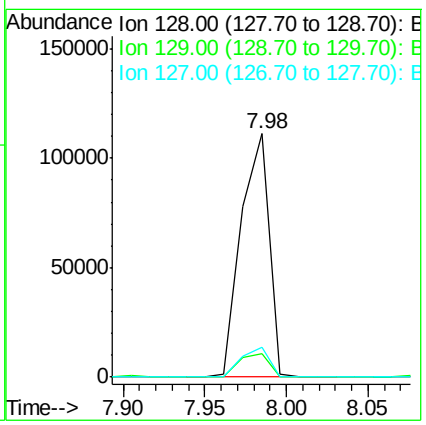


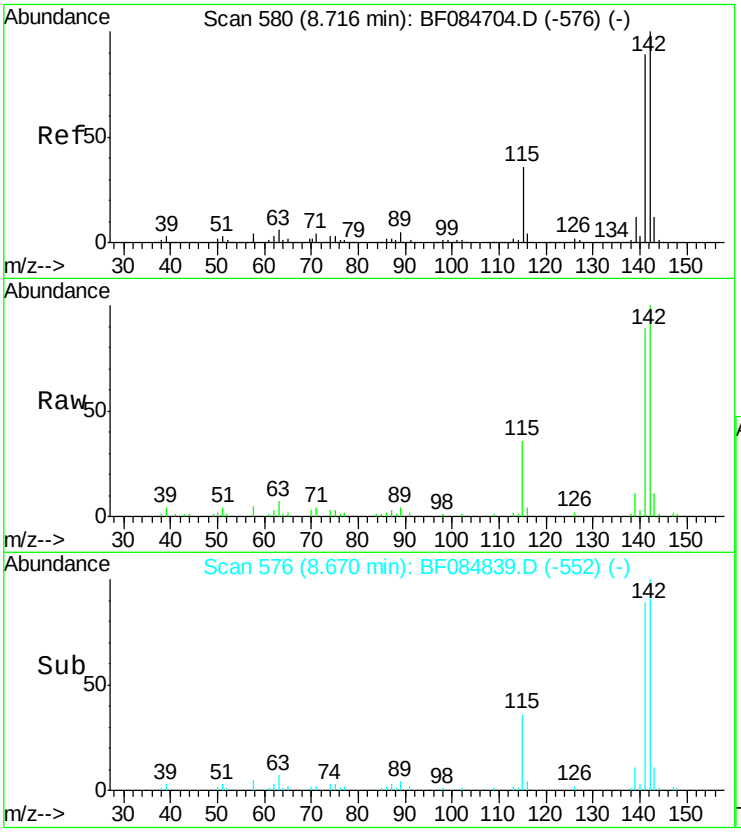


#31
Naphthalene
Concen: 4.17 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:128 Resp: 131711

Ion	Ratio	Lower	Upper
128	100		
129	9.6	9.1	13.7
127	12.1	11.1	16.7



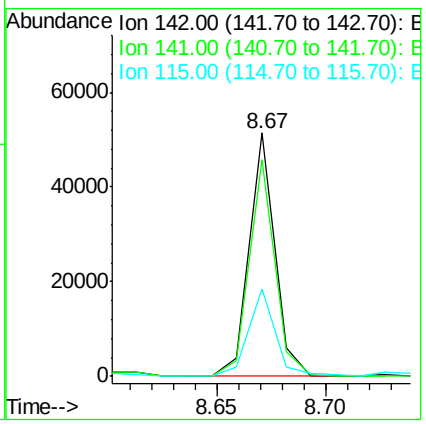


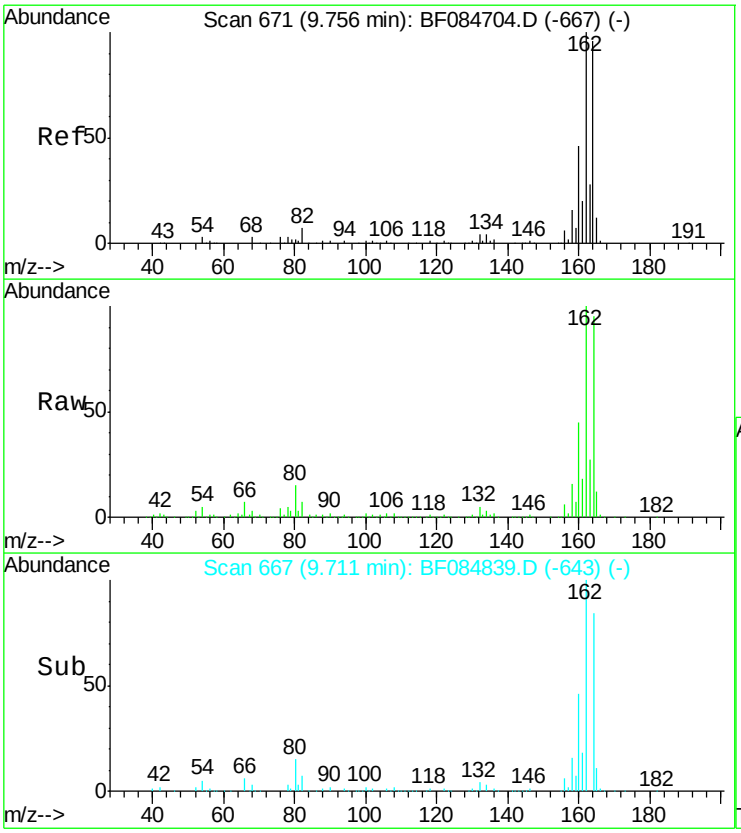
#37
2-Methylnaphthalene
Concen: 2.13 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion:142 Resp: 42134

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.4	108.6
115	35.8	27.9	41.9

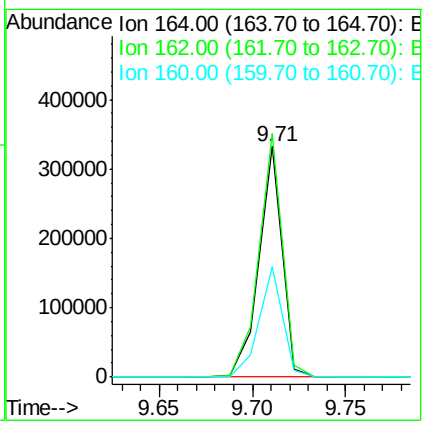


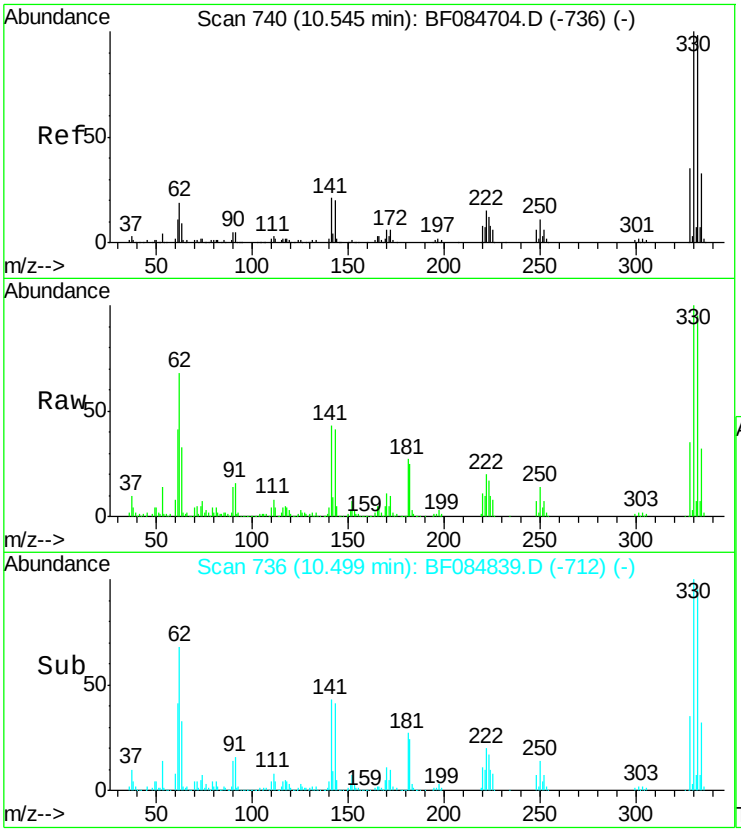


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:164 Resp: 282559

Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.1	127.7
160	47.9	37.5	56.3



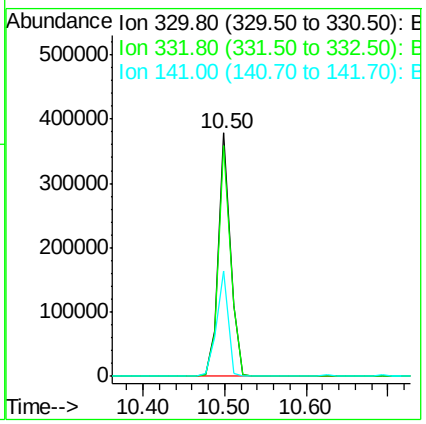


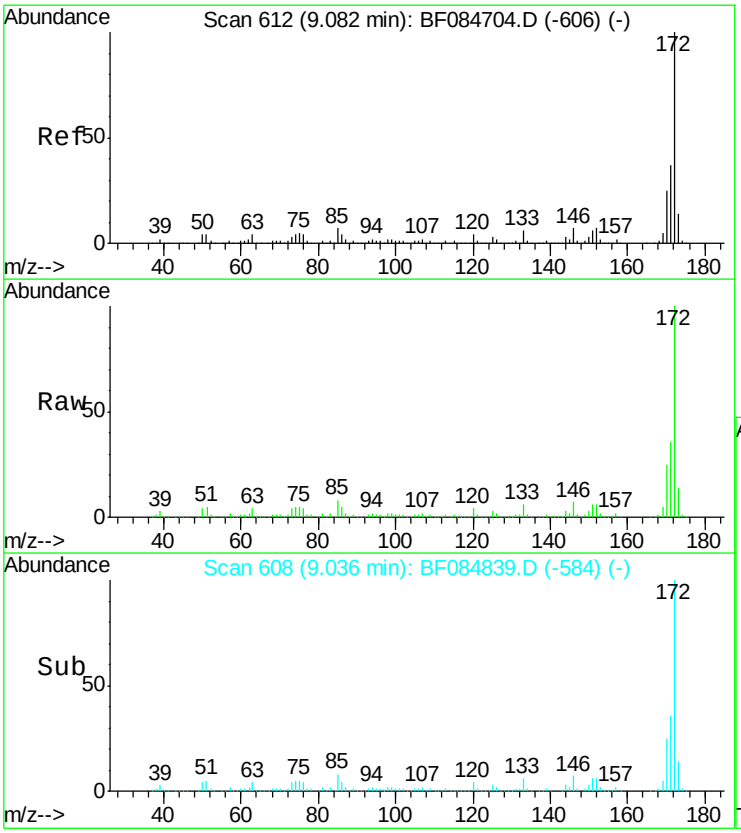
#41
2,4,6-Tribromophenol
Concen: 132.71 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion:330 Resp: 391143

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	41.4	27.8	41.6

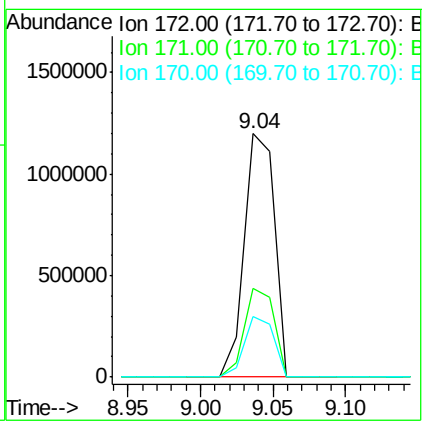


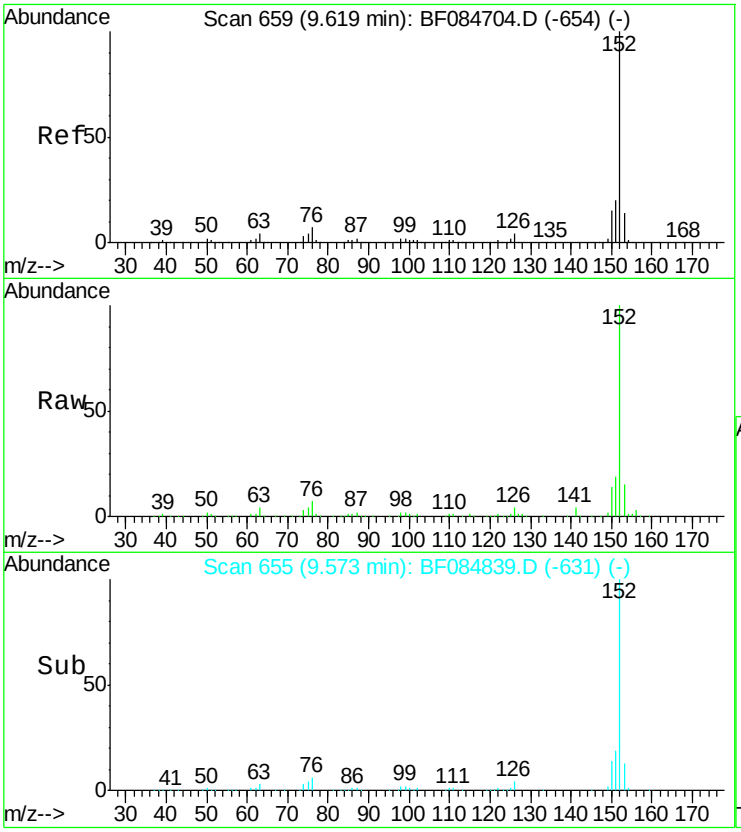


#44
2-Fluorobiphenyl
Concen: 118.39 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.02 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:172 Resp: 1726239

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.8	18.6	27.8



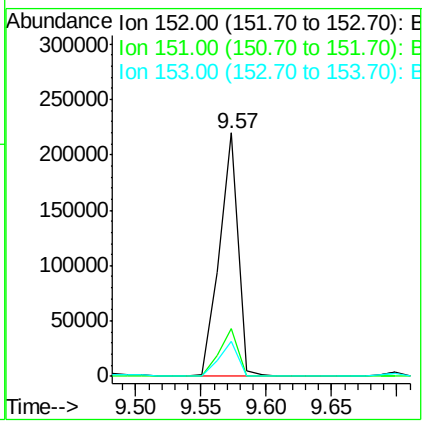


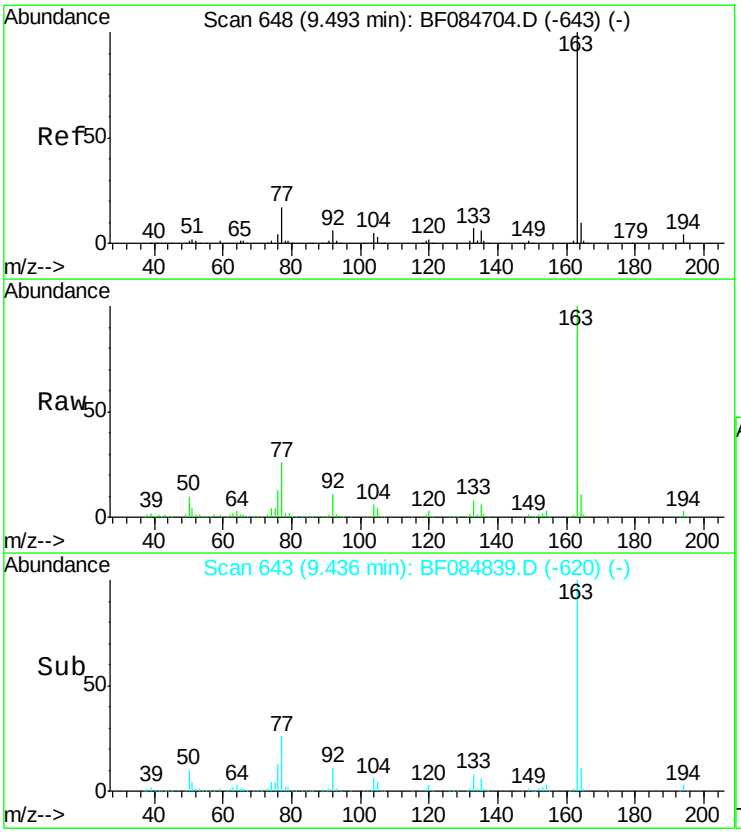
#48
Acenaphthylene
Concen: 7.89 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion:152 Resp: 222400

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.3	24.5
153	14.6	10.4	15.6

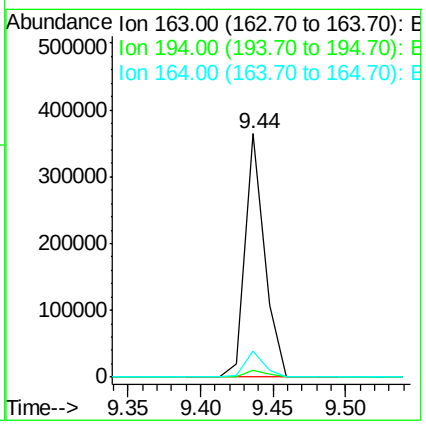


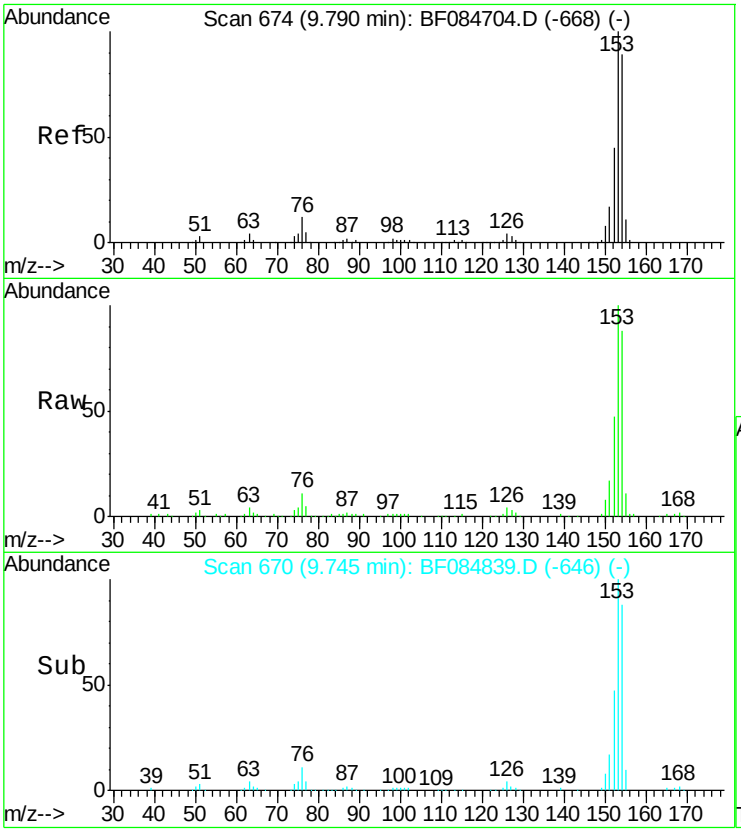


#49
Dimethylphthalate
Concen: 15.75 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:163 Resp: 339043

Ion	Ratio	Lower	Upper
163	100		
194	2.9	8.0	12.0#
164	10.6	8.0	12.0



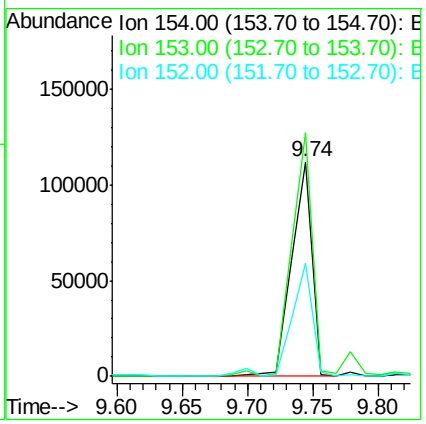


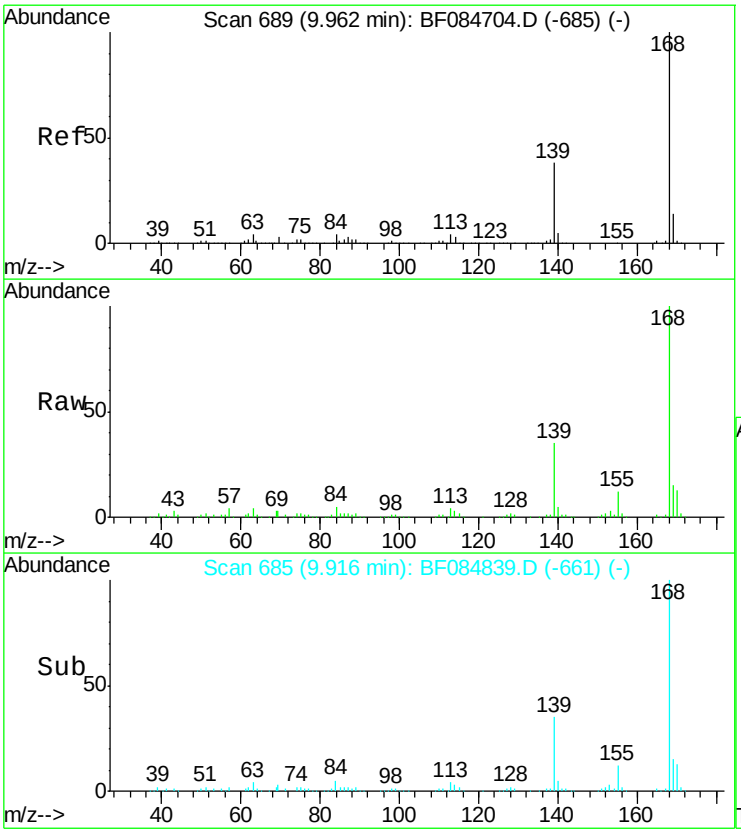
#51
Acenaphthene
Concen: 6.68 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion:154 Resp: 122573

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.5	137.3
152	52.8	43.0	64.6

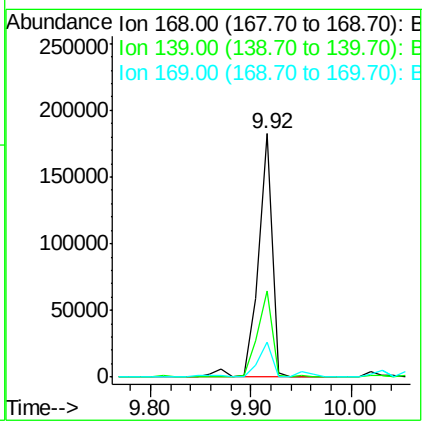


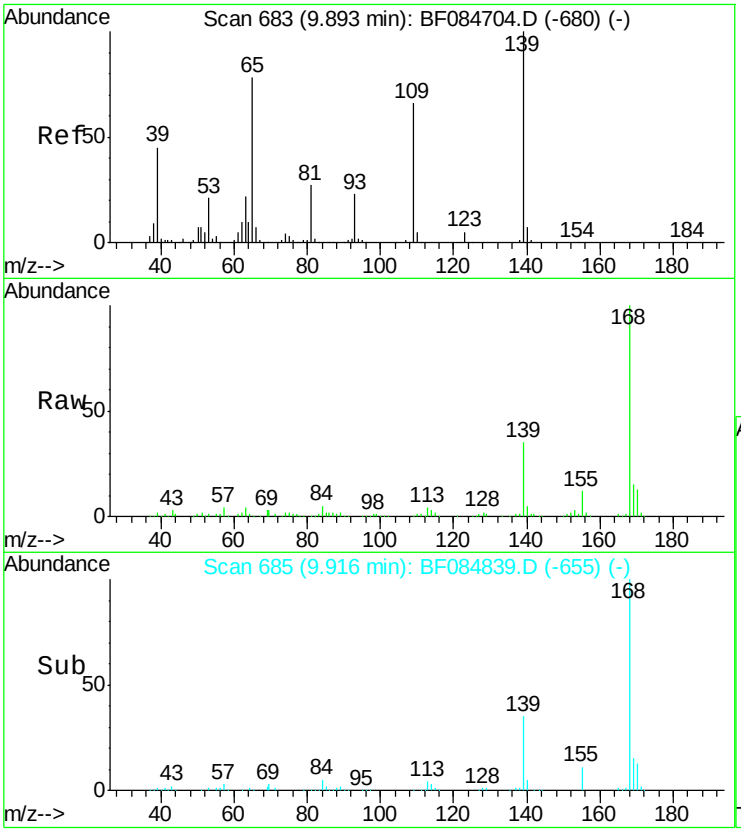


#54
Dibenzofuran
Concen: 7.87 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:168 Resp: 176401

Ion	Ratio	Lower	Upper
168	100		
139	35.3	30.5	45.7
169	14.6	10.4	15.6



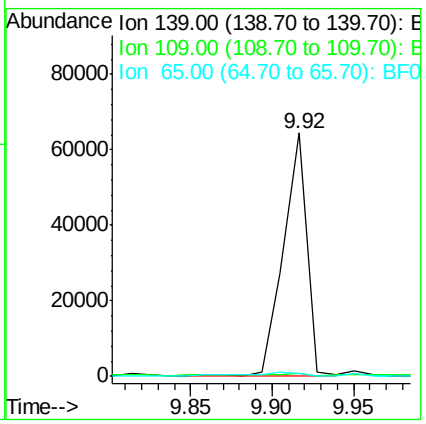


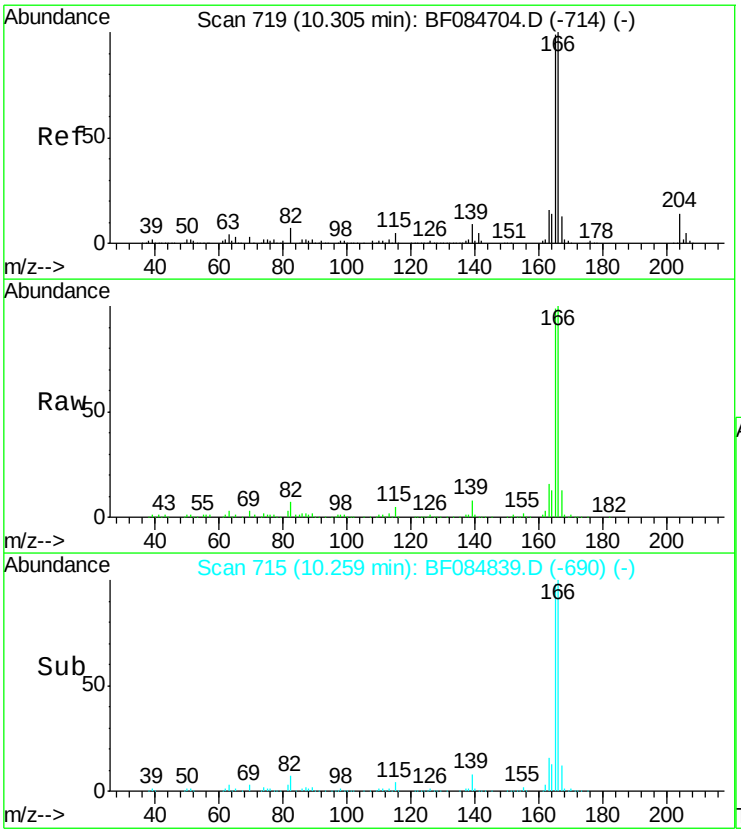
#55
4-Nitrophenol
Concen: 16.83 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.05 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion:139 Resp: 65342

Ion	Ratio	Lower	Upper
139	100		
109	1.4	58.5	98.5#
65	1.4	57.6	97.6#

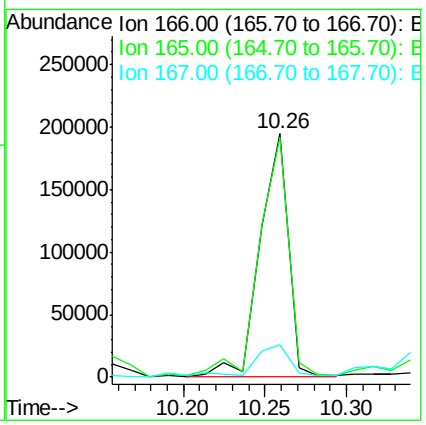


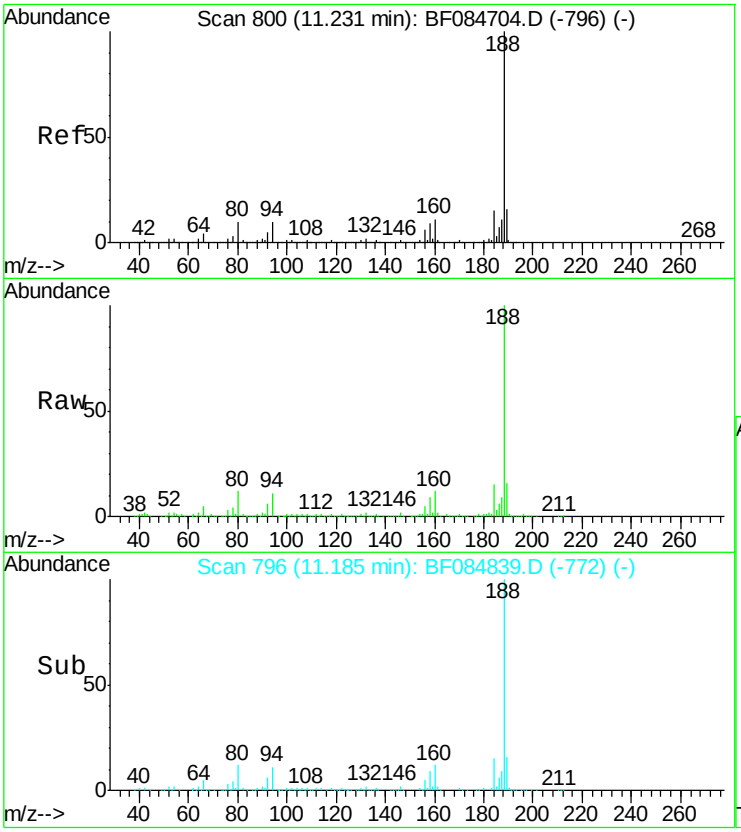


#57
Fluorene
Concen: 12.49 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:166 Resp: 233863

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.1	118.7
167	13.1	10.4	15.6



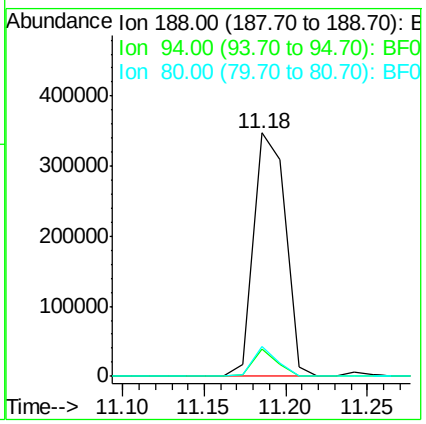


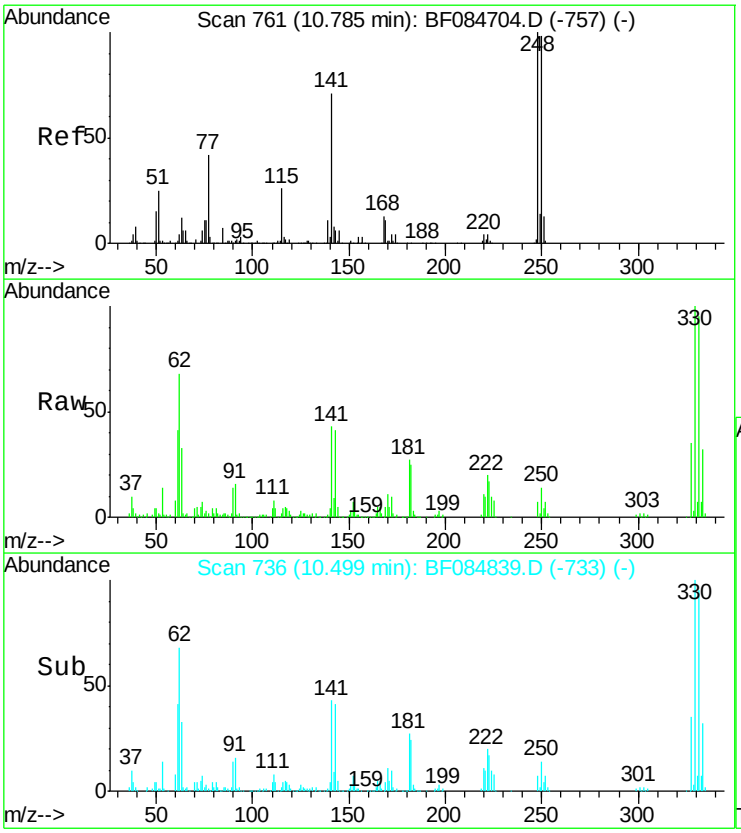
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion:188 Resp: 472683

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.0	13.4
80	12.0	9.6	14.4

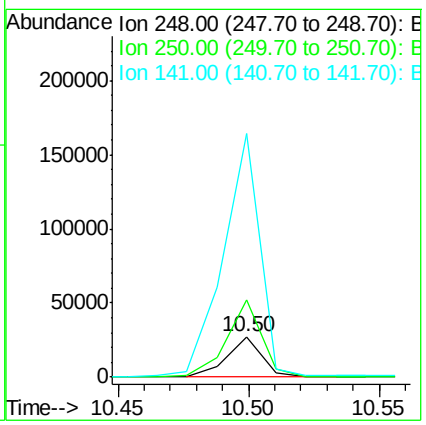


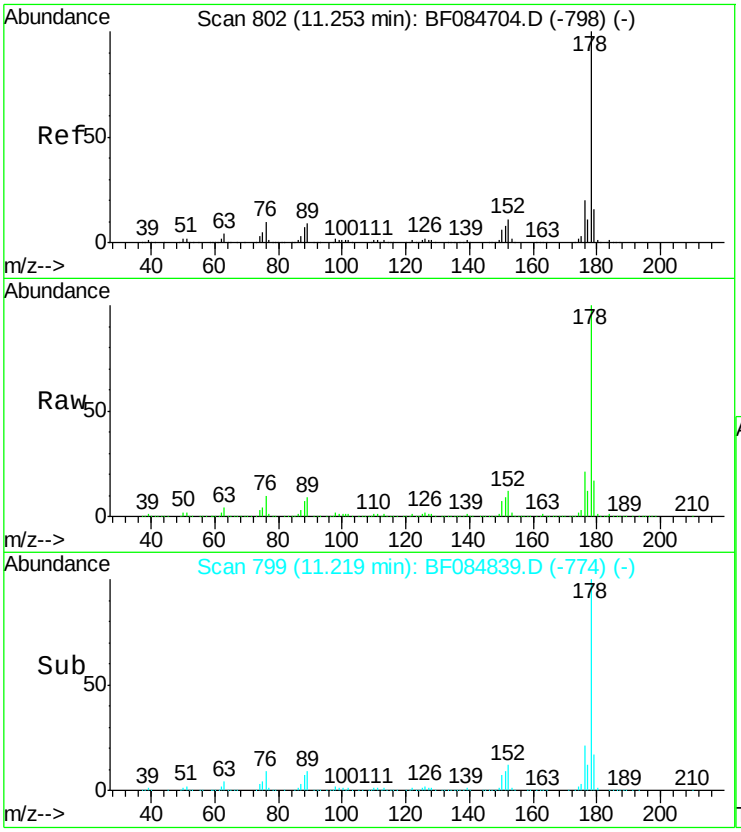


#66
4-Bromophenyl-phenylether
Concen: 4.97 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.26 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:248 Resp: 25964

Ion	Ratio	Lower	Upper
248	100		
250	190.5	78.4	117.6#
141	597.6	44.0	66.0#



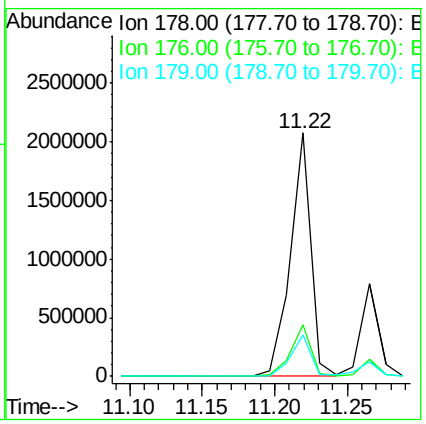


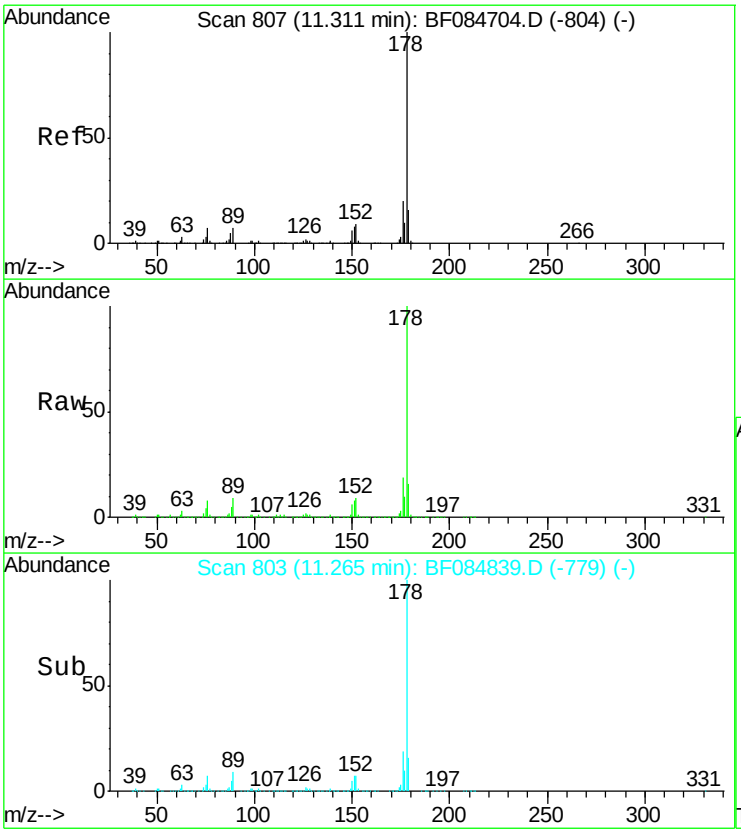
#70
Phenanthrene
Concen: 76.99 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion:178 Resp: 2018340

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.3	22.9
179	17.0	12.0	18.0

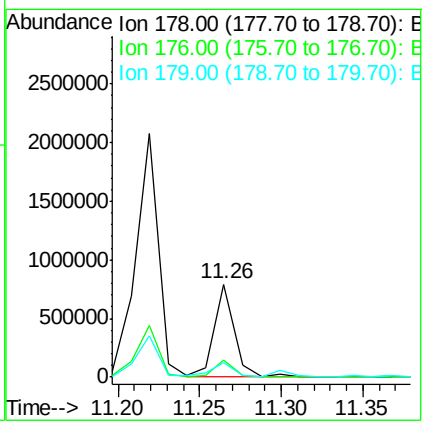


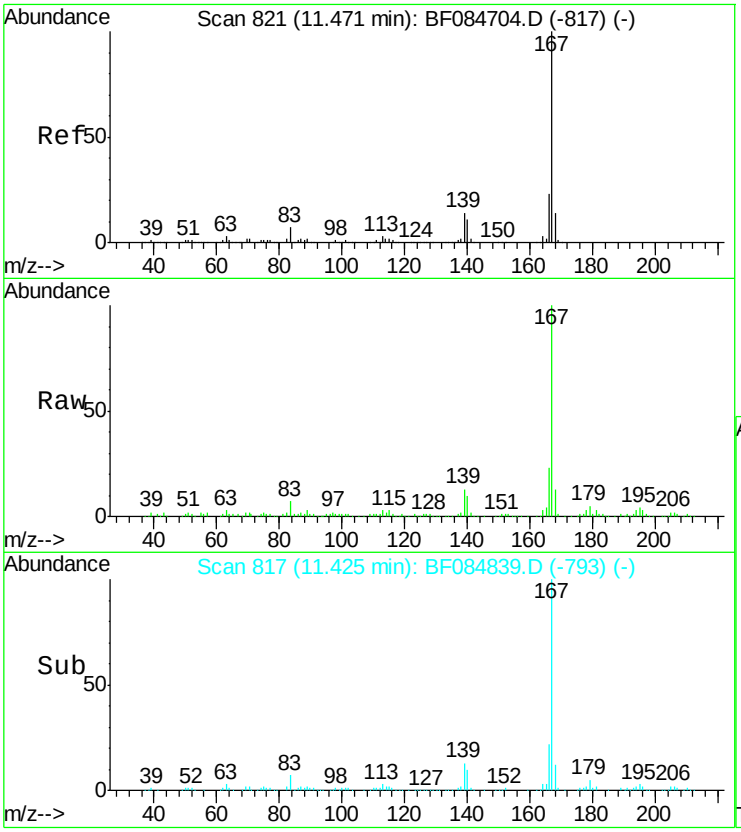


#71
Anthracene
Concen: 25.57 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.02 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:178 Resp: 675441

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	16.0	12.5	18.7



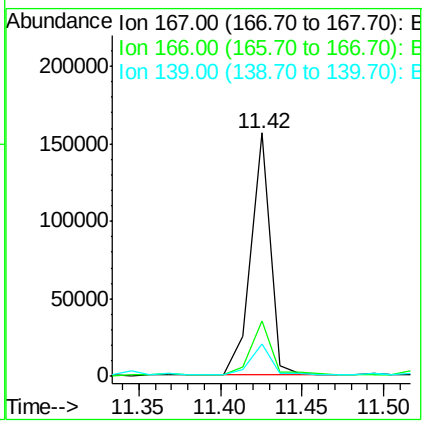


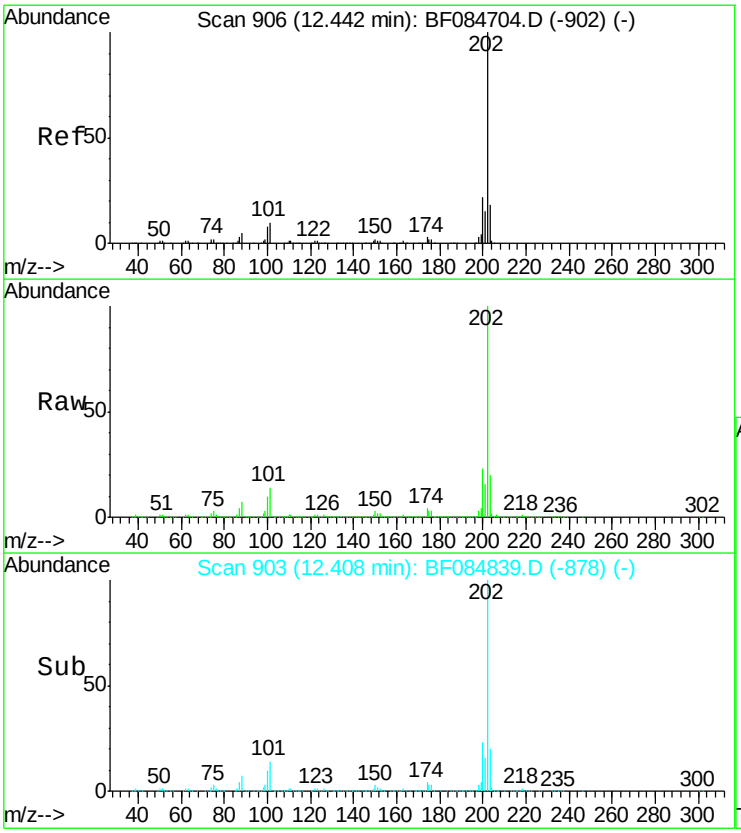
#72
Carbazole
Concen: 5.64 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion:167 Resp: 129979

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.3	11.8	17.8

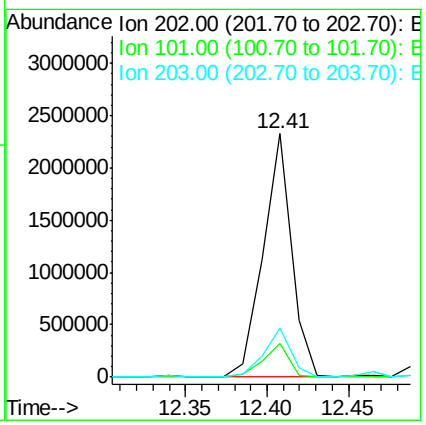


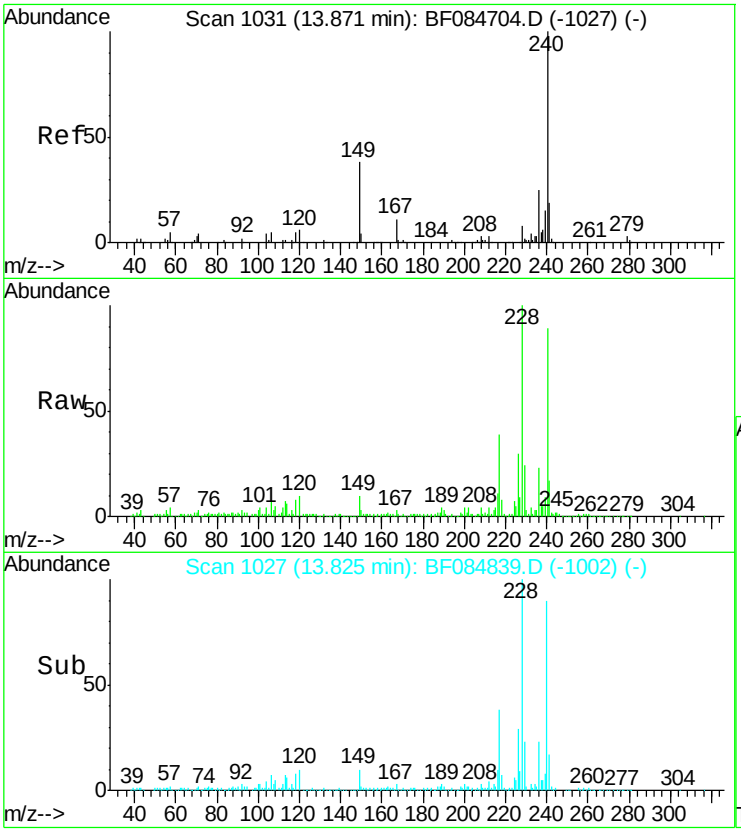


#74
Fluoranthene
Concen: 106.25 ng
RT: 12.41 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:202 Resp: 2819398

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	32.8
203	20.0	0.0	37.9



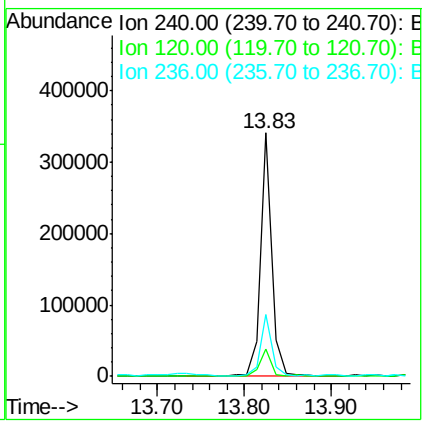


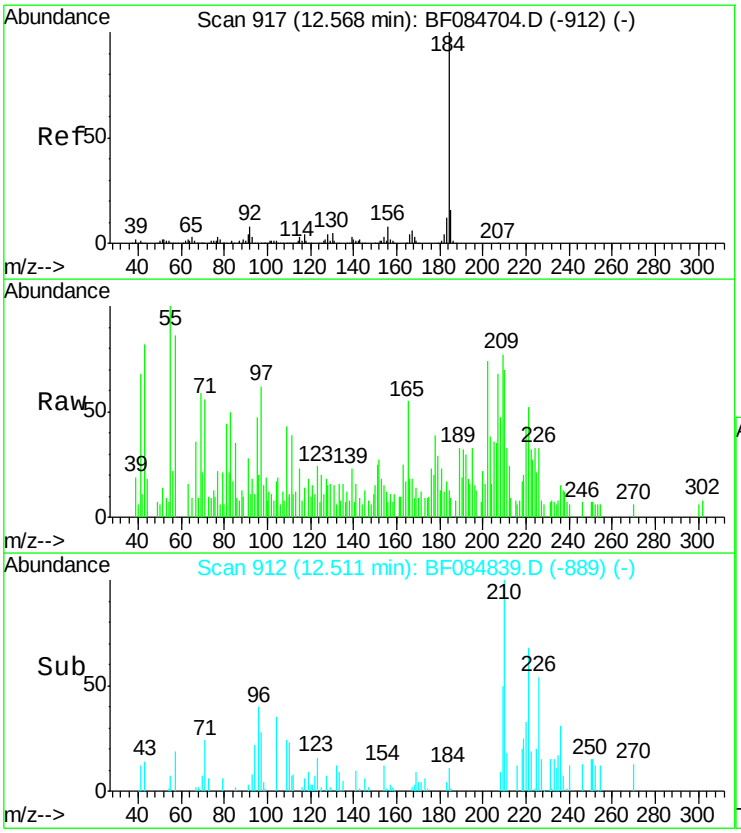
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion:240 Resp: 308906

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.2	20.6	31.0

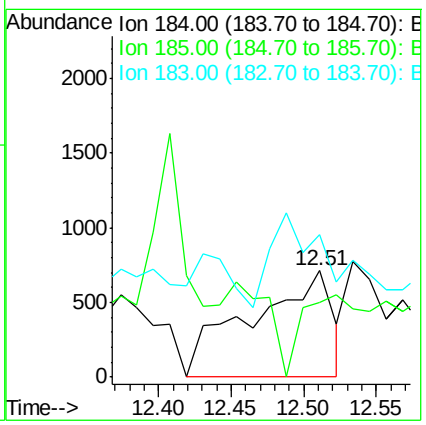


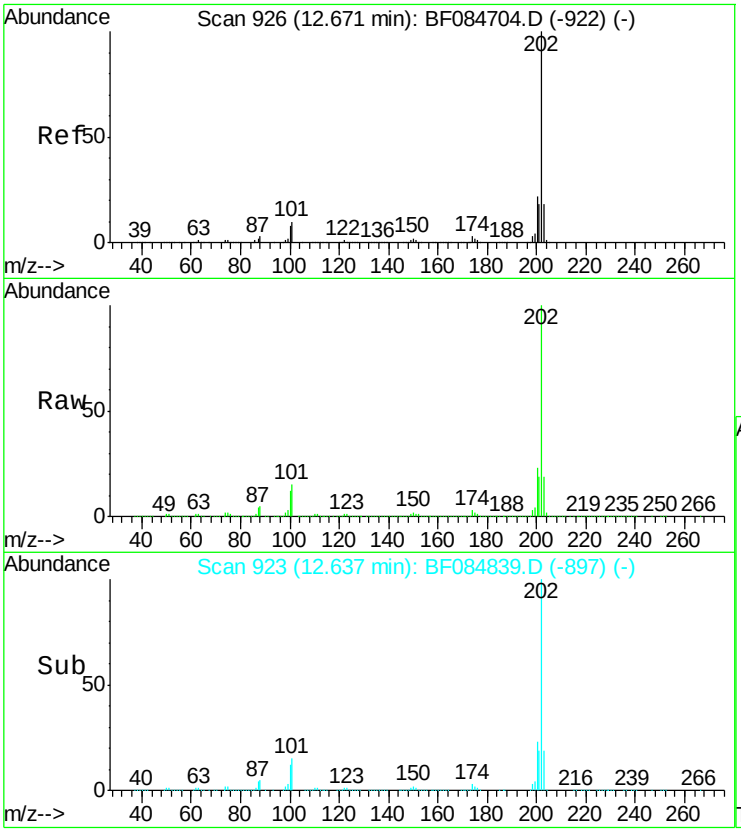


#76
Benzidine
Concen: 7.06 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.03 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:184 Resp: 2748

Ion	Ratio	Lower	Upper
184	100		
185	69.8	12.2	18.2#
183	134.2	9.8	14.8#



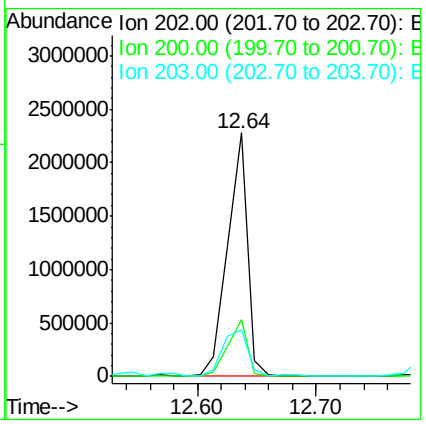


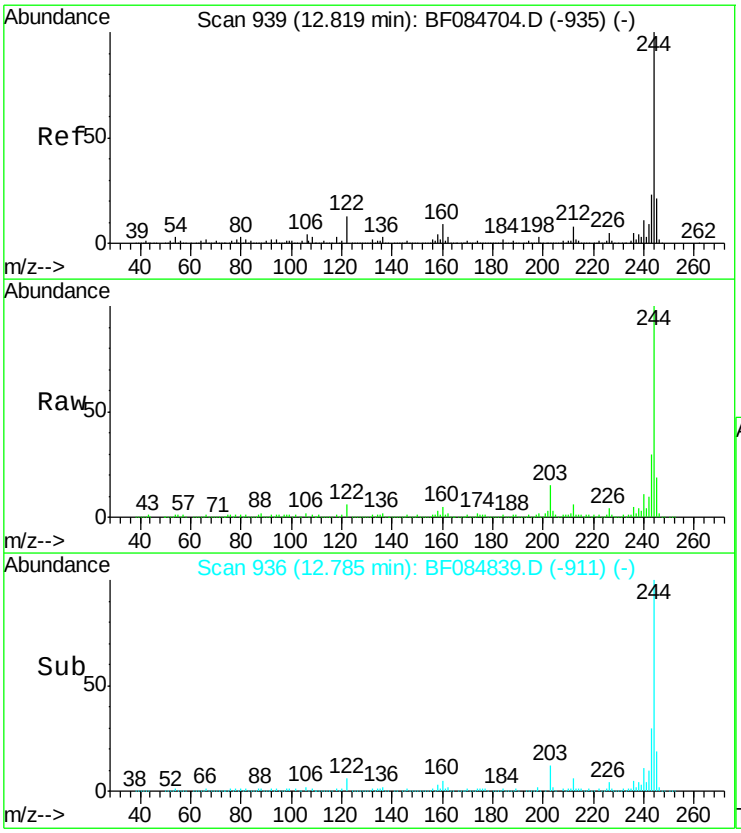
#77
Pyrene
Concen: 111.24 ng
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion:202 Resp: 2630890

Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.2	25.8
203	19.3	14.3	21.5

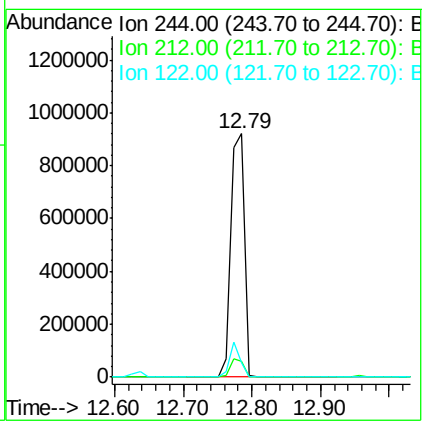


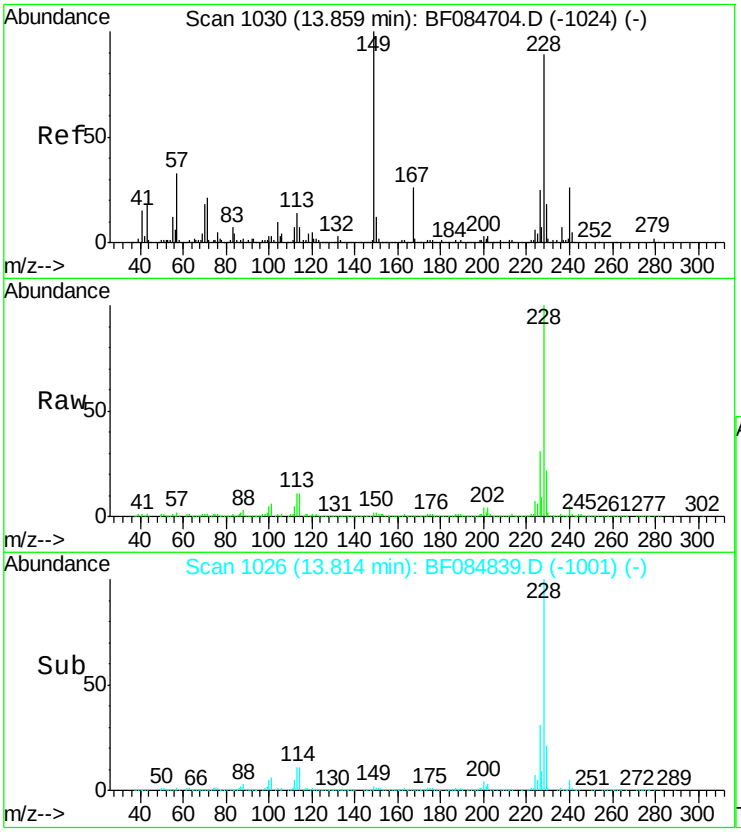


#78
Terphenyl-d14
Concen: 94.44 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:244 Resp: 1287365

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	5.9	7.4	11.0#



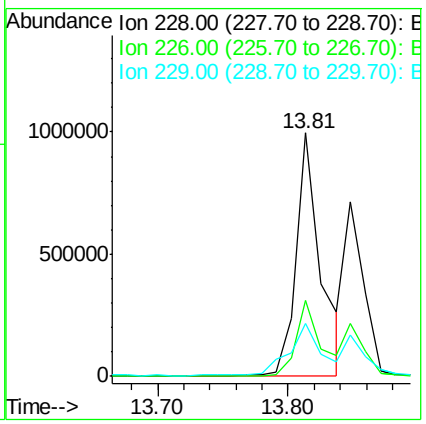


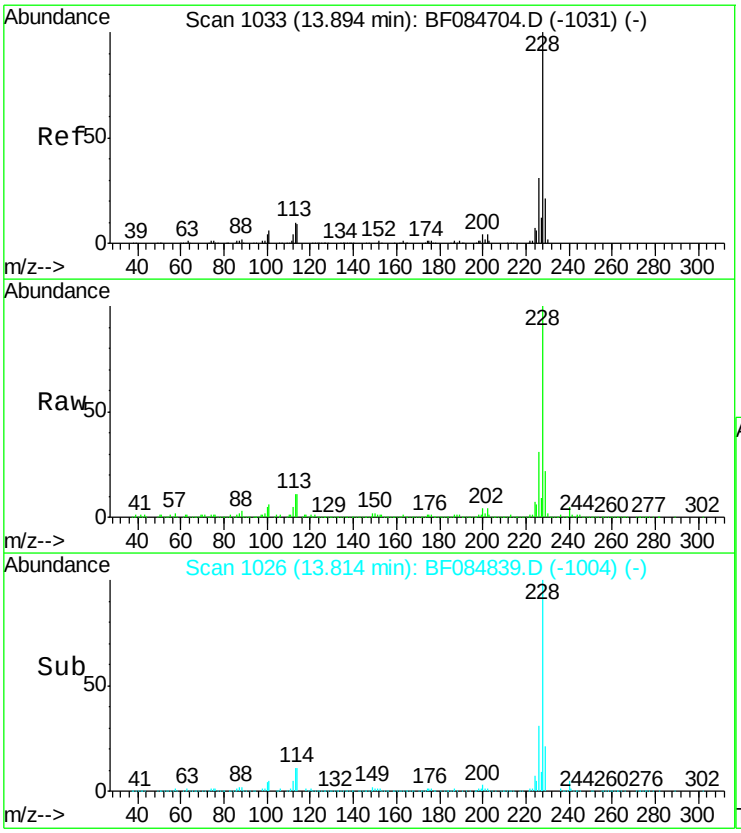
#80
Benzo(a)anthracene
Concen: 68.10 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion:228 Resp: 1305585

Ion	Ratio	Lower	Upper
228	100		
226	31.2	21.8	32.6
229	21.7	15.8	23.8

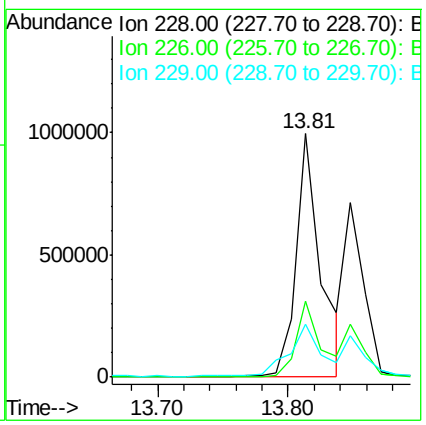


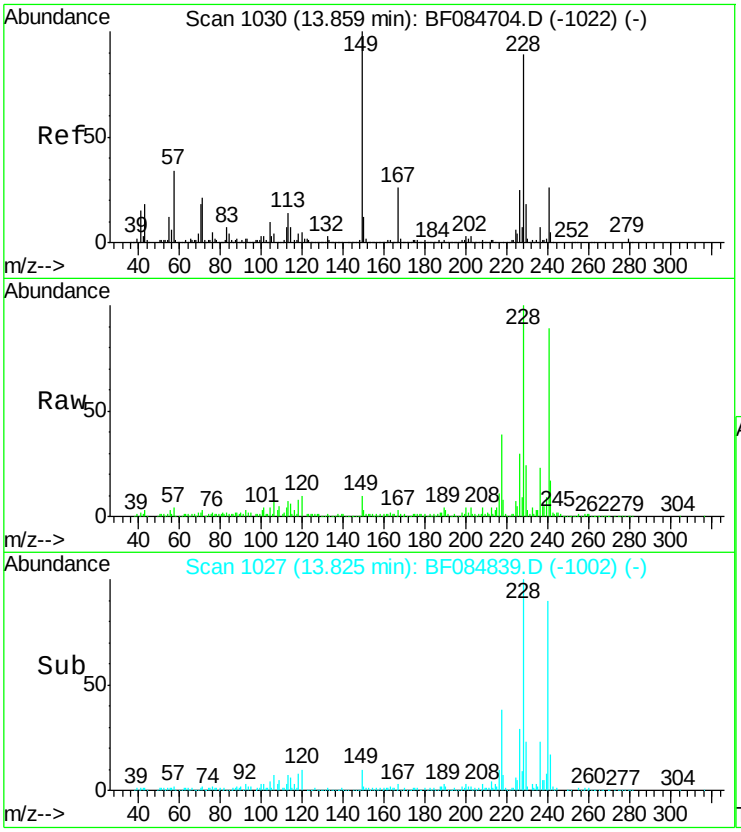


#82
Chrysene
Concen: 70.22 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:228 Resp: 1305585

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.3	36.5
229	21.7	16.1	24.1



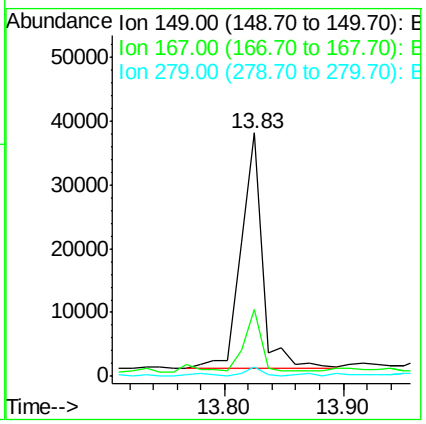


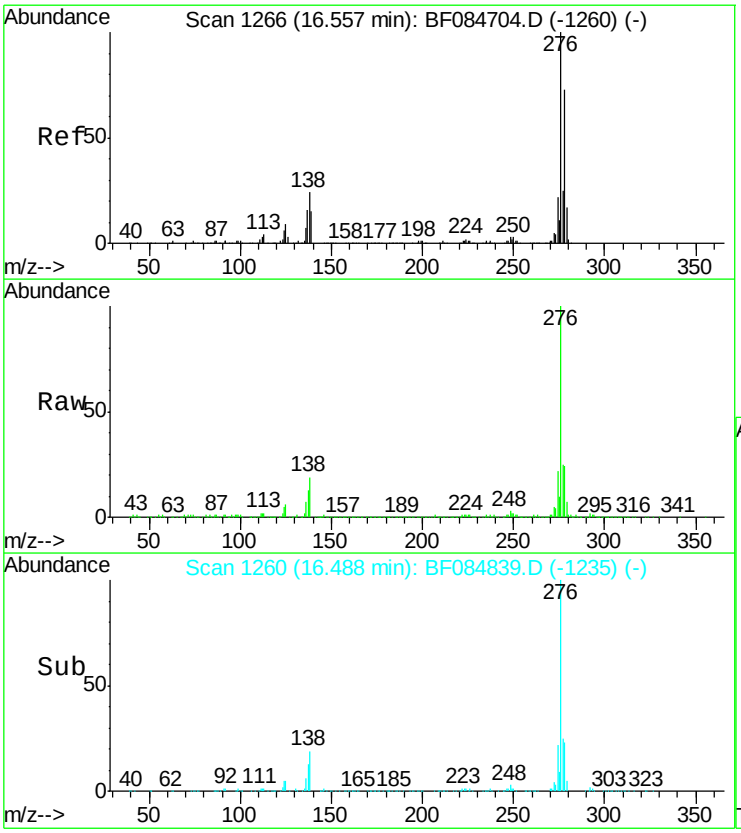
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.47 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion:149 Resp: 46279

Ion	Ratio	Lower	Upper
149	100		
167	27.3	19.7	29.5
279	3.7	1.8	2.6#

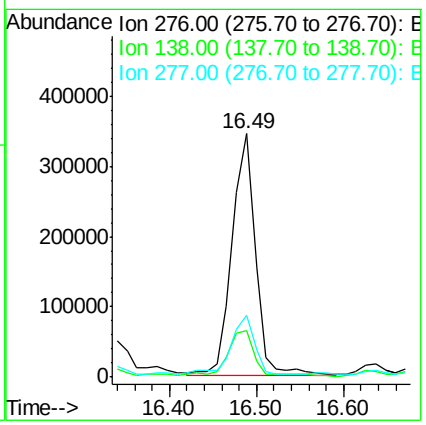


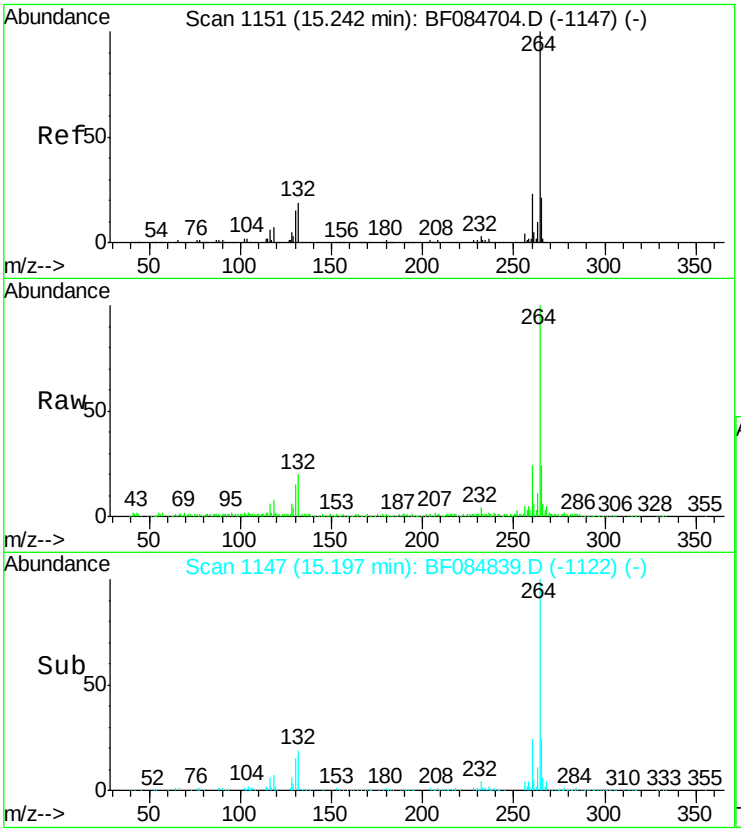


#85
Indeno(1,2,3-cd)pyrene
Concen: 44.31 ng
RT: 16.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:276 Resp: 648392

Ion	Ratio	Lower	Upper
276	100		
138	21.6	20.6	30.8
277	26.0	20.1	30.1



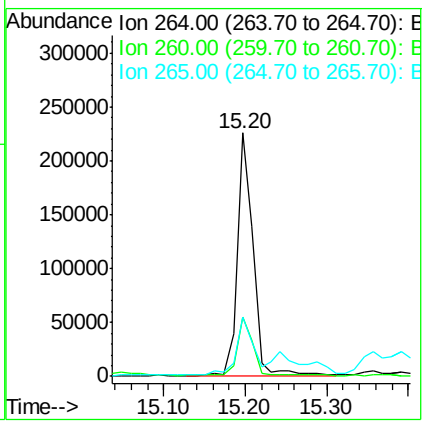


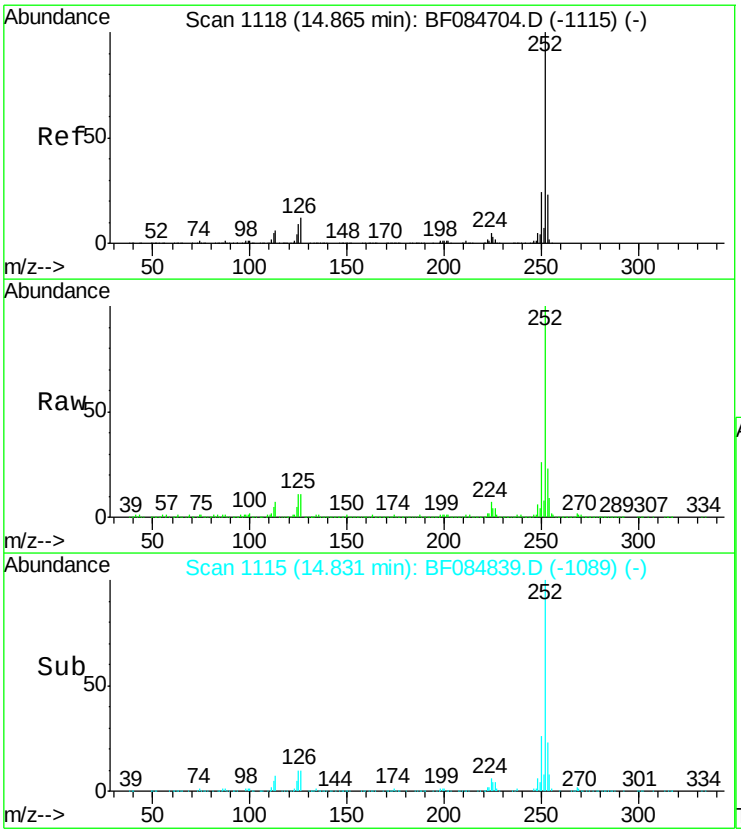
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion:264 Resp: 301213

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	24.1	17.8	26.6

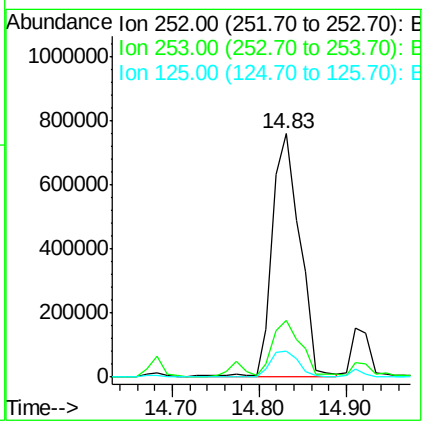


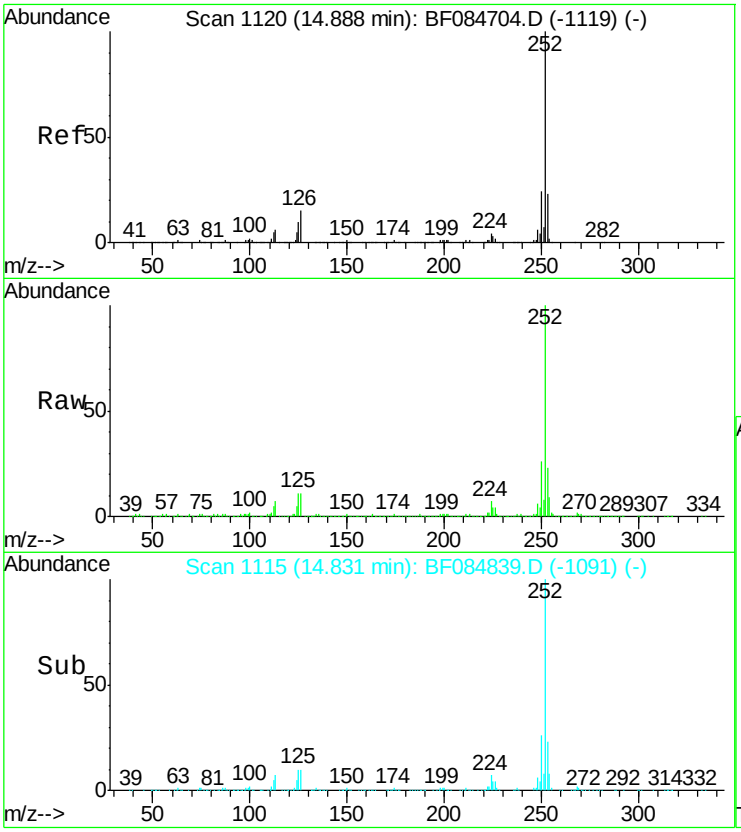


#87
Benzo(b)fluoranthene
Concen: 81.04 ng
RT: 14.83 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:252 Resp: 1640057

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	10.7	6.5	9.7#



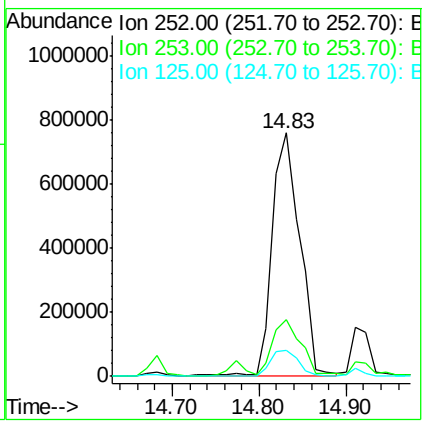


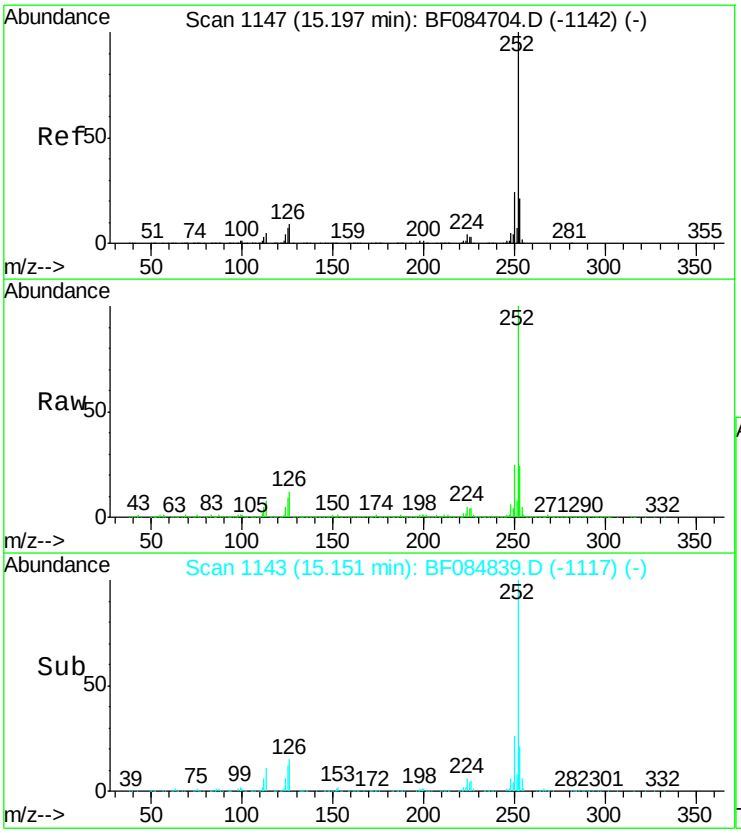
#88
Benzo(k)fluoranthene
Concen: 98.01 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion:252 Resp: 1640057

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	10.7	9.0	13.6

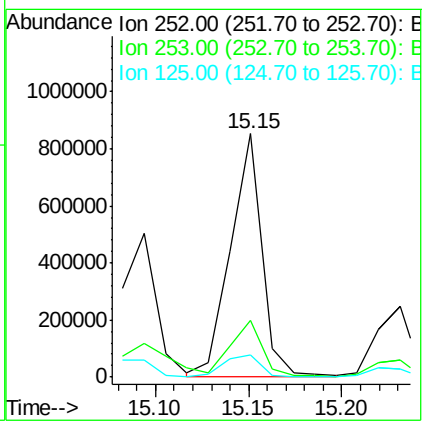


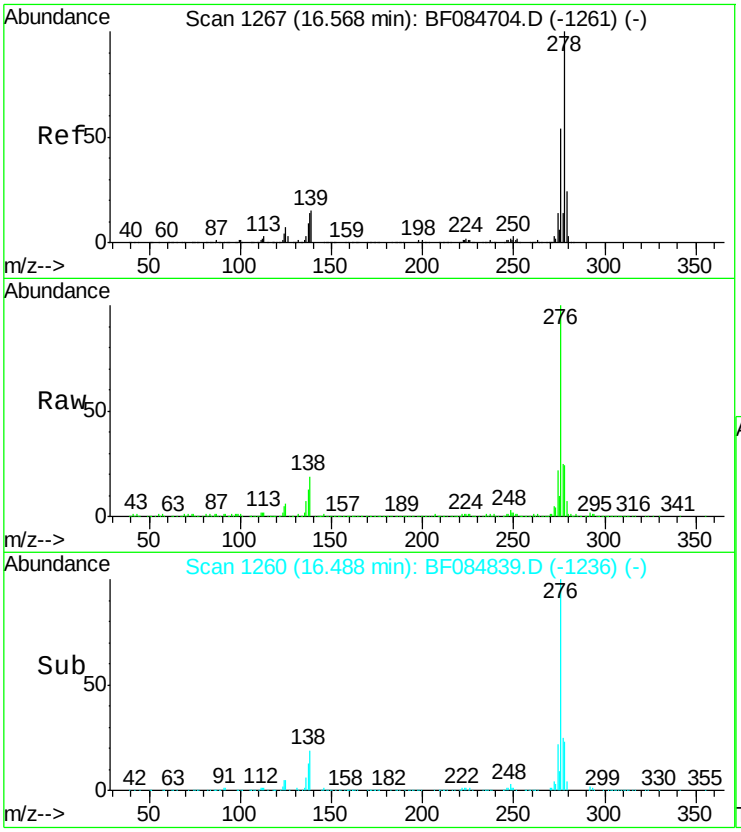


#89
Benzo(a)pyrene
Concen: 57.83 ng
RT: 15.15 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:252 Resp: 997271

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	9.4	7.0	10.4



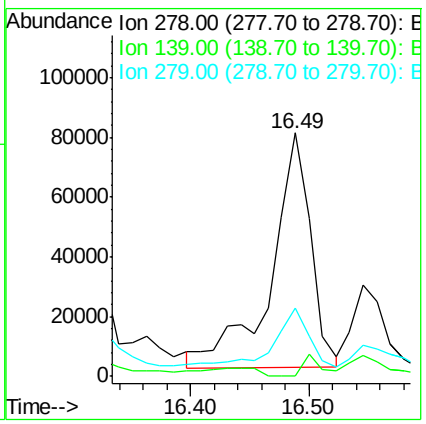


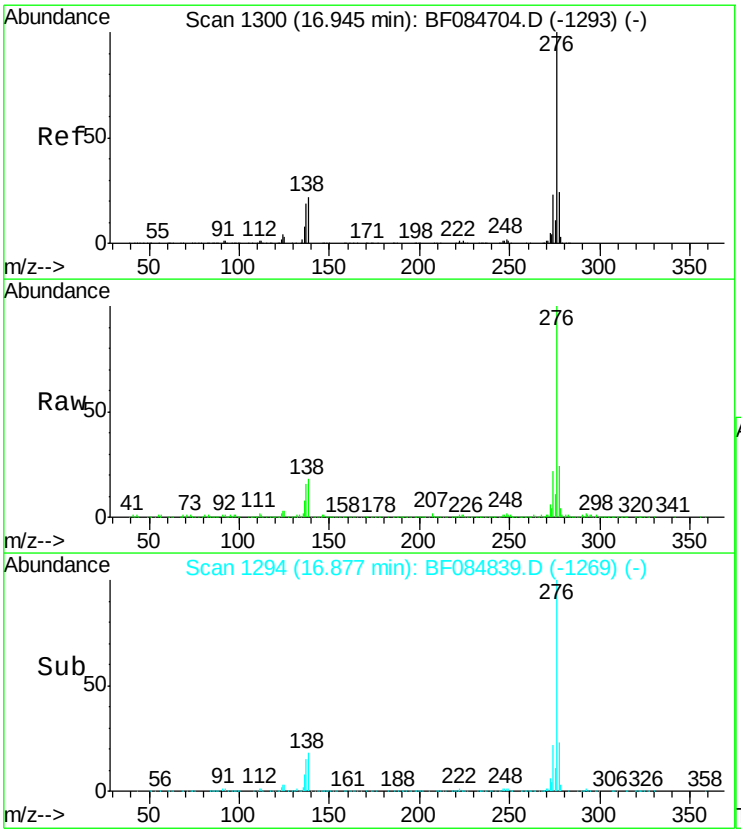
#90
Dibenzo(a,h)anthracene
Concen: 12.55 ng
RT: 16.49 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

Tgt Ion:278 Resp: 182146

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.0	22.4#
279	27.8	18.9	28.3





#91
Benzo(g,h,i)perylene
Concen: 41.62 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:276 Resp: 608570

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	18.4	17.8	26.6