Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
Sample : H1721-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 11 04:35:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 02:49:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	127699	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	465815	20.00	ng		-0.01
38) Acenaphthene-d10	9.98	164	215353	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	349779	20.00	ng		0.00
75) Chrysene-d12	14.11	240	244756	20.00	ng		0.00
86) Perylene-d12	15.57	264	264537	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1162689	152.73	ng		0.00
7) Phenol-d6	6.57	99	1399292	140.29	ng		0.00
23) Nitrobenzene-d5	7.50	82	764459	87.82	ng		-0.01
41) 2,4,6-Tribromophenol	10.77	330	217962	118.28	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	1331765	94.05	ng		0.00
78) Terphenyl-d14	13.05	244	857966	81.37	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.71	77	24211	2.31	ng		90
19) n-Nitroso-di-n-propylamine	7.50	70	98658	15.18	ng	#	77
25) Isophorone	7.50	82	763097	47.30	ng	#	67
31) Naphthalene	8.24	128	61331	2.68	ng		98
48) Acenaphthylene	9.84	152	51721	2.37	ng		95
49) Dimethylphthalate	9.69	163	315719	19.10	ng		99
51) Acenaphthene	10.01	154	44753	3.38	ng		97
54) Dibenzofuran	10.18	168	75996	4.38	ng		90
55) 4-Nitrophenol	10.18	139	27916	8.40	ng	#	19
56) 2,4-Dinitrotoluene	9.98	165	30566	6.75	ng	#	21
57) Fluorene	10.53	166	110214	8.08	ng		100
66) 4-Bromophenyl-phenylether	10.77	248	15836	4.66	ng	#	1
70) Phenanthrene	11.49	178	1288828	70.31	ng		98
71) Anthracene	11.53	178	343487	17.65	ng		98
72) Carbazole	11.69	167	83529	4.90	ng		97
74) Fluoranthene	12.69	202	1603935	87.19	ng		94
77) Pyrene	12.90	202	1241768	67.41	ng		98
80) Benzo(a)anthracene	14.09	228	765721	52.26	ng		99
82) Chrysene	14.13	228	470557	34.76	ng		96
85) Indeno(1,2,3-cd)pyrene	17.02	276	273097	25.85	ng	#	92
87) Benzo(b)fluoranthene	15.15	252	946798	53.70	ng		97
88) Benzo(k)fluoranthene	15.15	252	946798	66.57	ng		98
89) Benzo(a)pyrene	15.51	252	519098	35.53	ng		98
90) Dibenzo(a,h)anthracene	17.03	278	66926	5.37	ng		95
91) Benzo(g,h,i)perylene	17.47	276	236200	18.83	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
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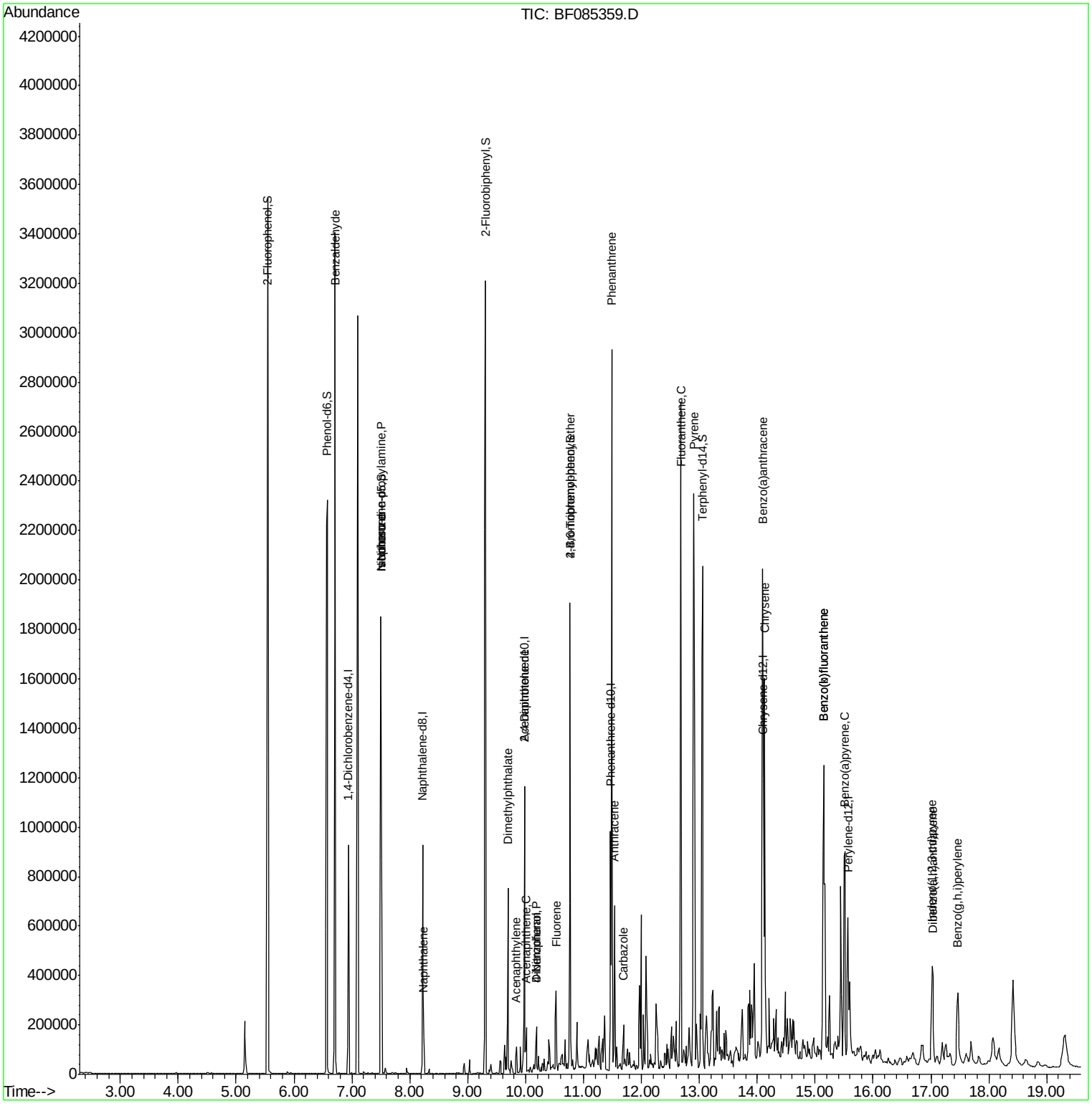
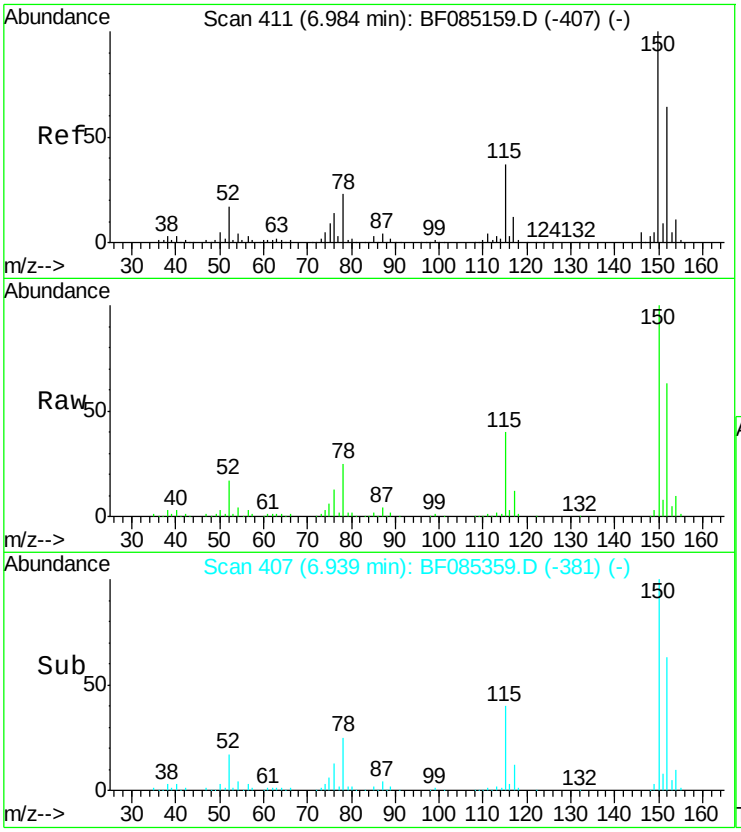
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 11 04:35:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 02:49:26 2016
Response via : Initial Calibration



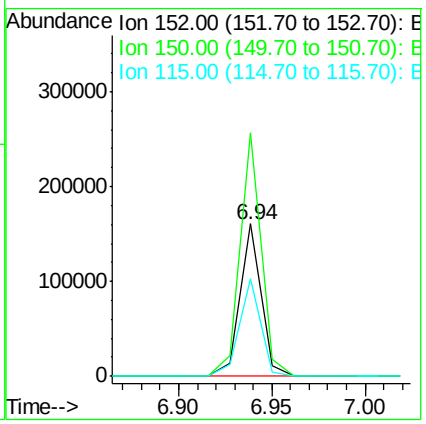


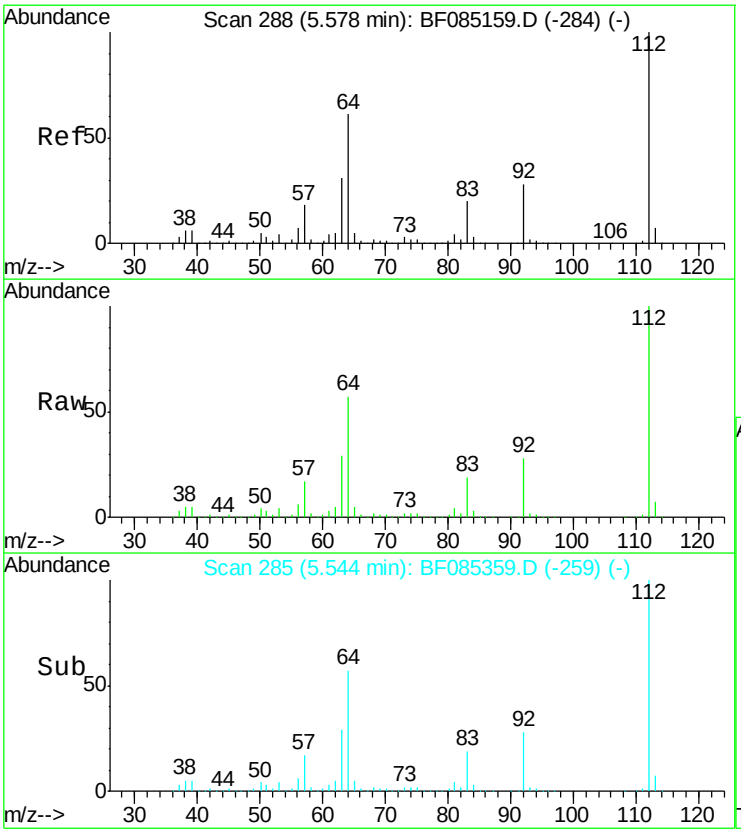
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 127699

Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	64.3	46.6	70.0

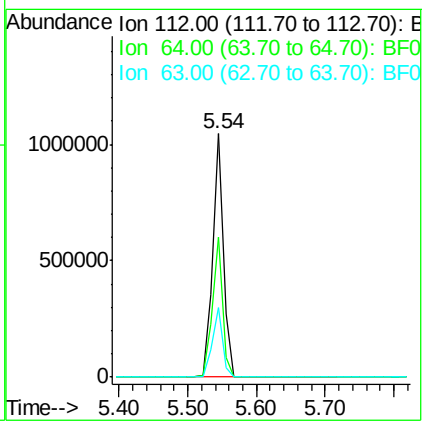


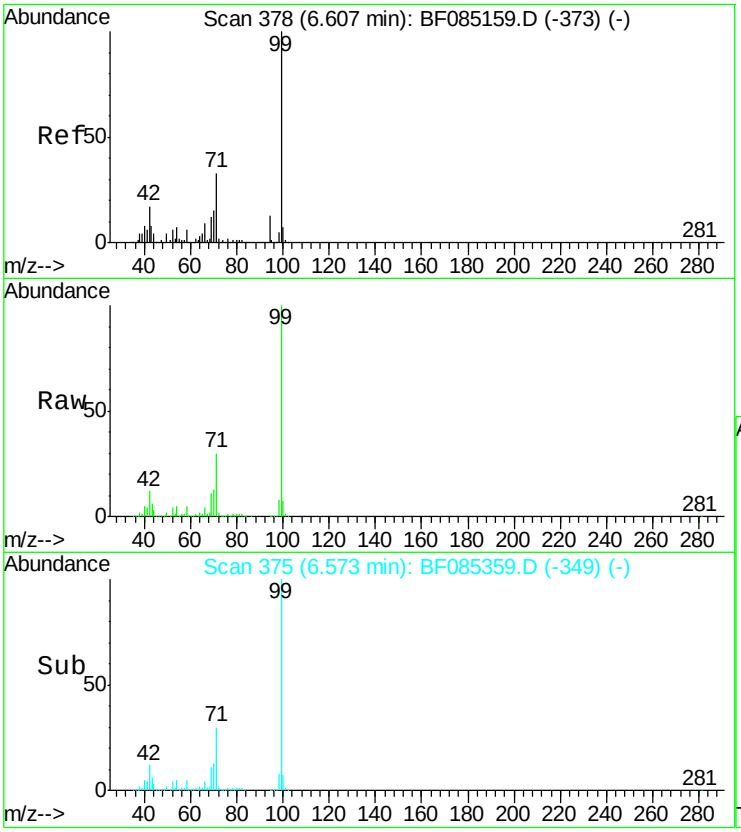


#5
2-Fluorophenol
Concen: 152.73 ng
RT: 5.54 min Scan# 285
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Tgt Ion:112 Resp: 1162689

Ion	Ratio	Lower	Upper
112	100		
64	57.3	49.0	73.4
63	28.7	24.8	37.2



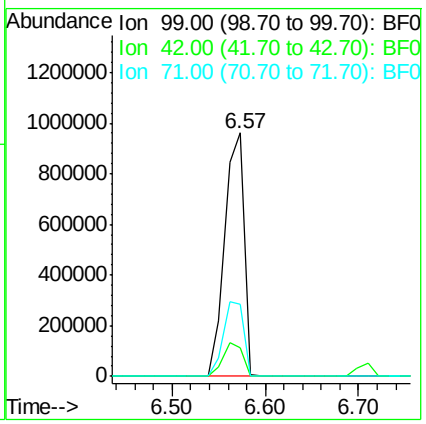


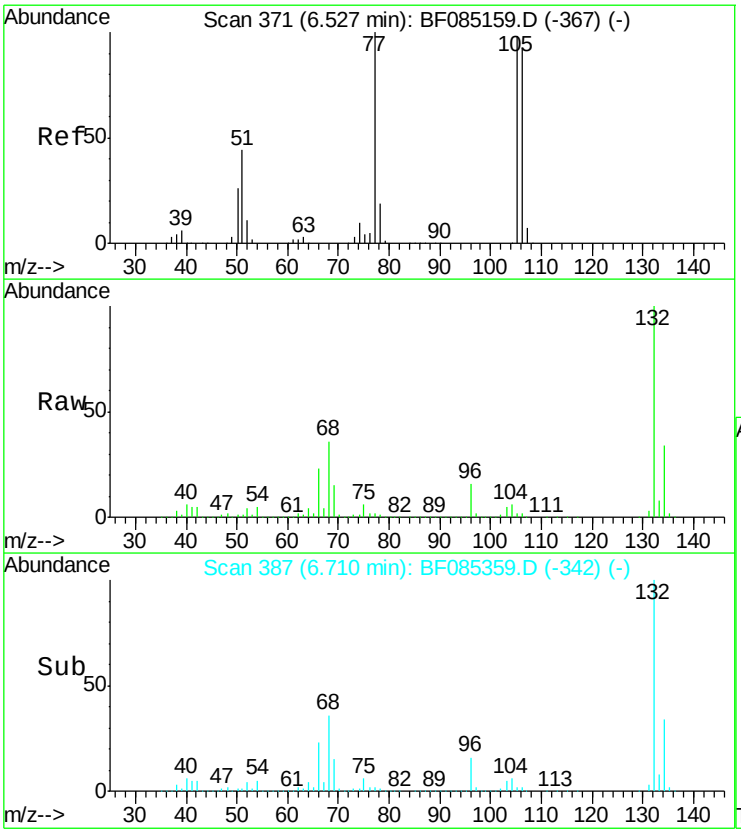
#7
Phenol-d6
Concen: 140.29 ng
RT: 6.57 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1399292

Ion	Ratio	Lower	Upper
99	100		
42	11.6	13.6	20.4#
71	29.8	26.7	40.1

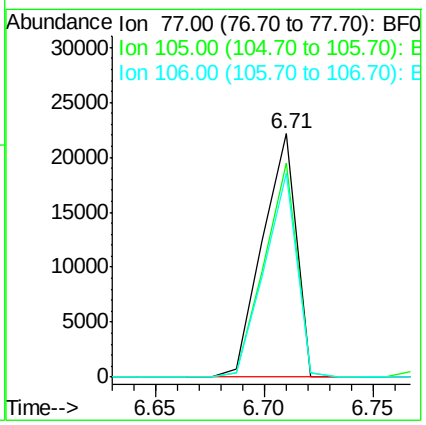


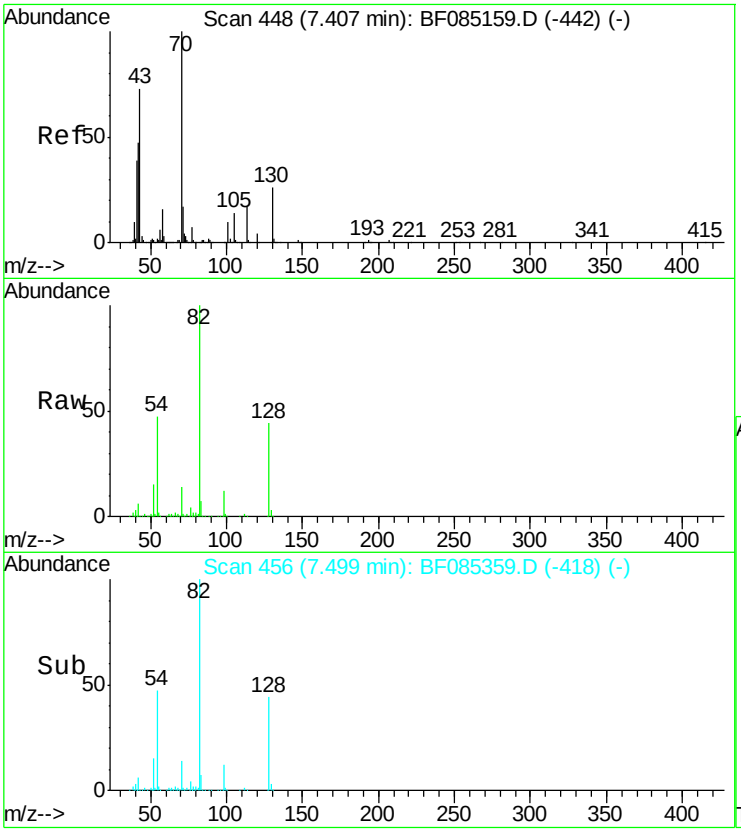


#9
Benzaldehyde
Concen: 2.31 ng
RT: 6.71 min Scan# 387
Delta R.T. 0.22 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Tgt Ion: 77 Resp: 24211

Ion	Ratio	Lower	Upper
77	100		
105	87.8	78.2	118.2
106	84.0	72.9	112.9



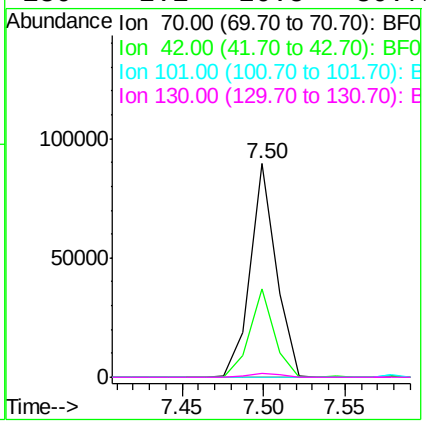


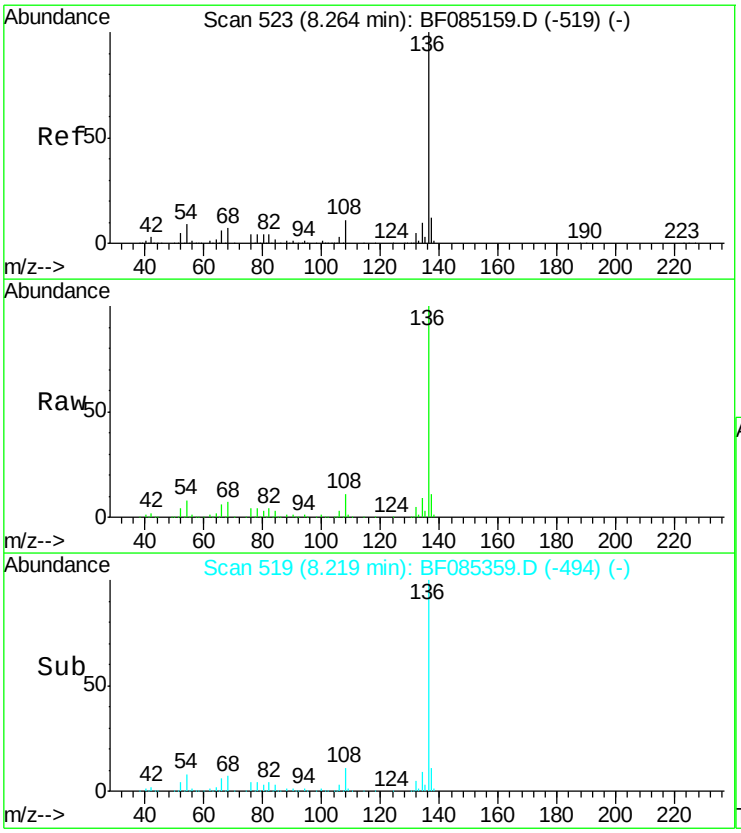
#19
n-Nitroso-di-n-propylamine
Concen: 15.18 ng
RT: 7.50 min Scan# 456
Delta R.T. 0.14 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 98658

Ion	Ratio	Lower	Upper
70	100		
42	41.4	37.7	56.5
101	0.0	8.2	12.4#
130	2.1	20.5	30.7#

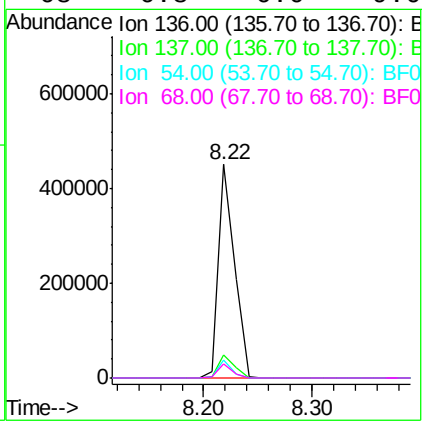


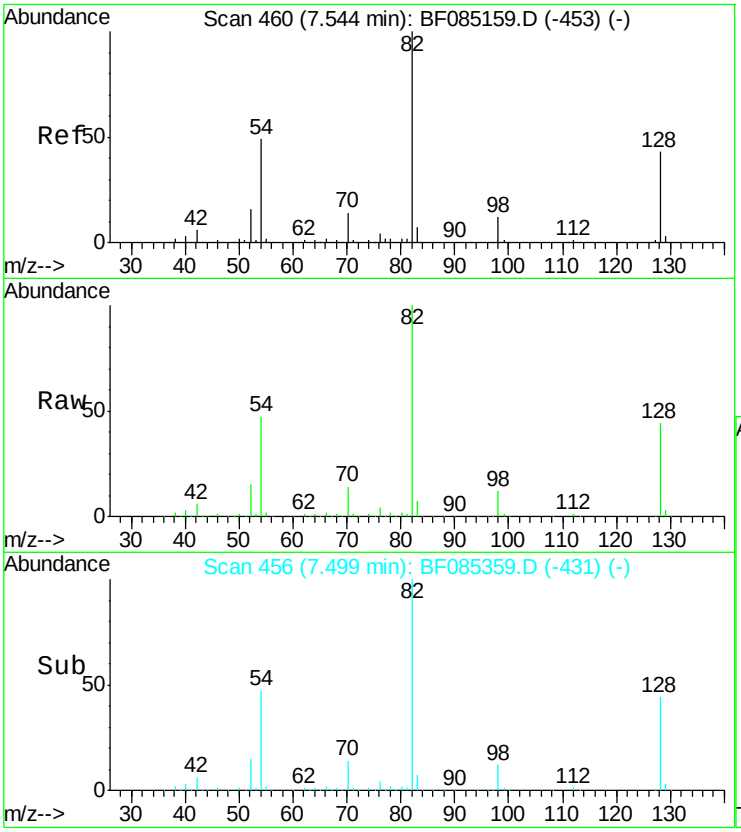


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Tgt Ion:136 Resp: 465815

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	8.5	7.4	11.2
68	6.8	6.0	9.0



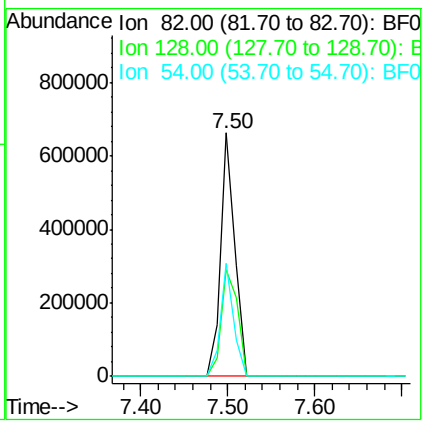


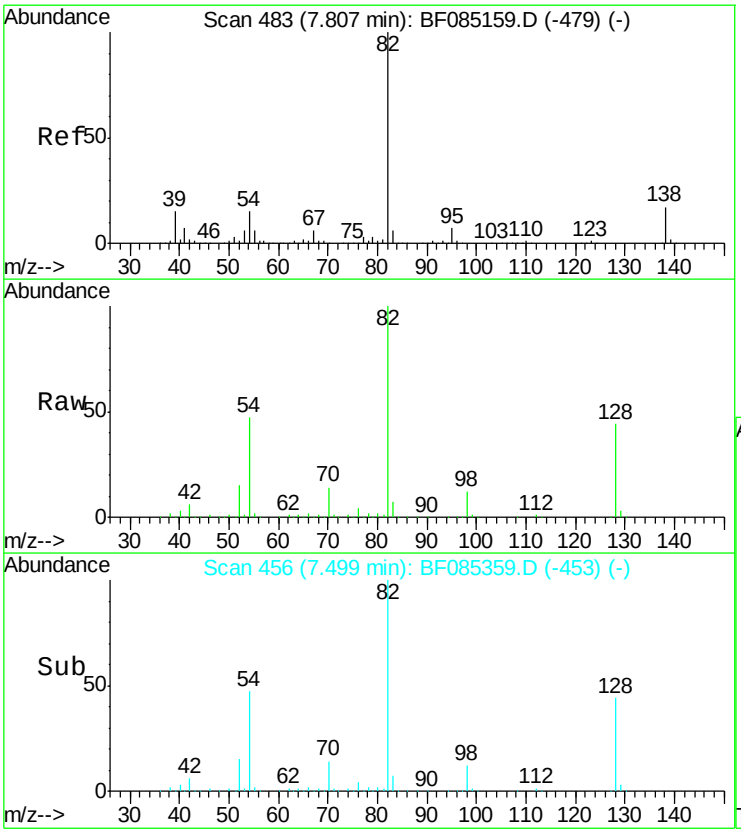
#23
Nitrobenzene-d5
Concen: 87.82 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 764459

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.5	51.7
54	46.6	39.3	58.9

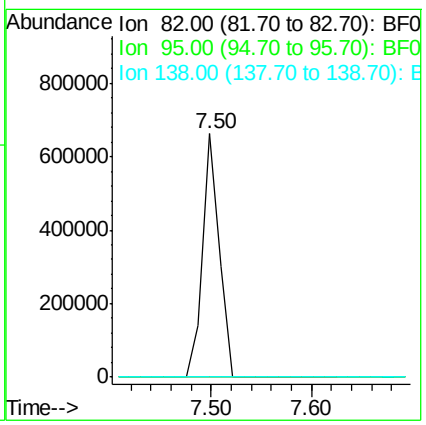


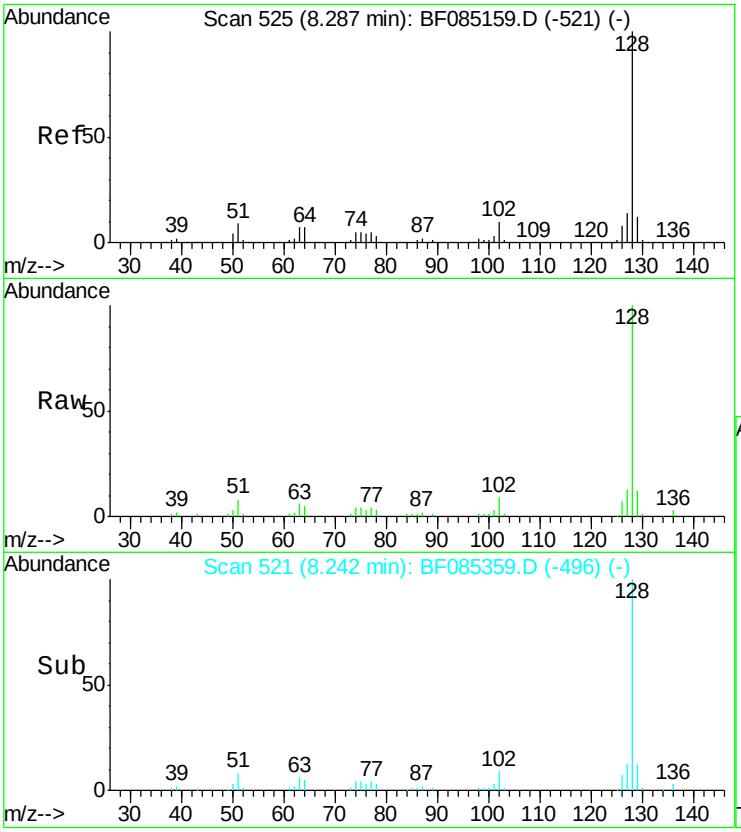


#25
Isophorone
Concen: 47.30 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.26 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Tgt Ion: 82 Resp: 763097

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	13.3	19.9#



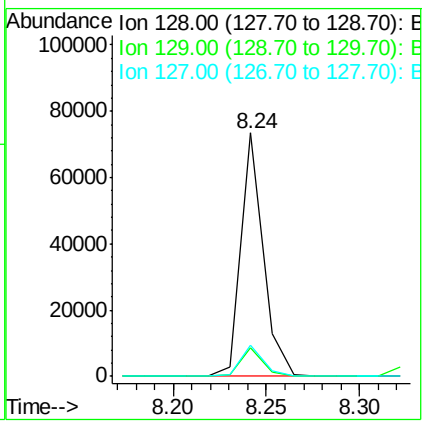


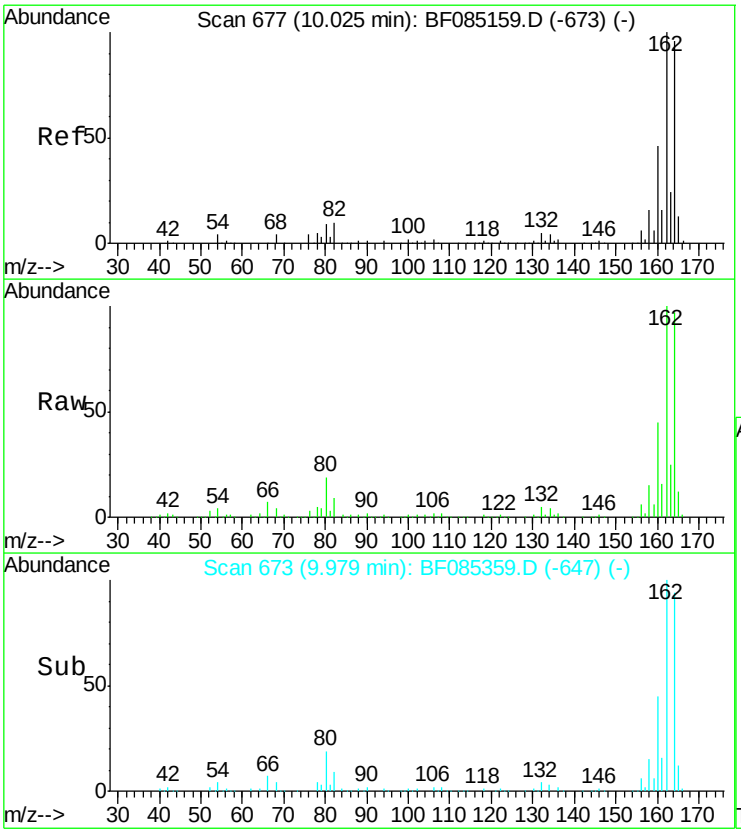
#31
Naphthalene
Concen: 2.68 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 61331

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.7	14.5
127	12.9	11.2	16.8

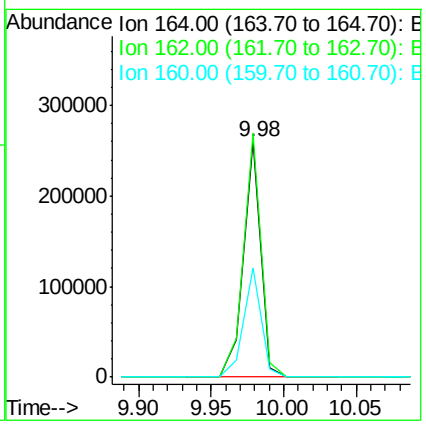


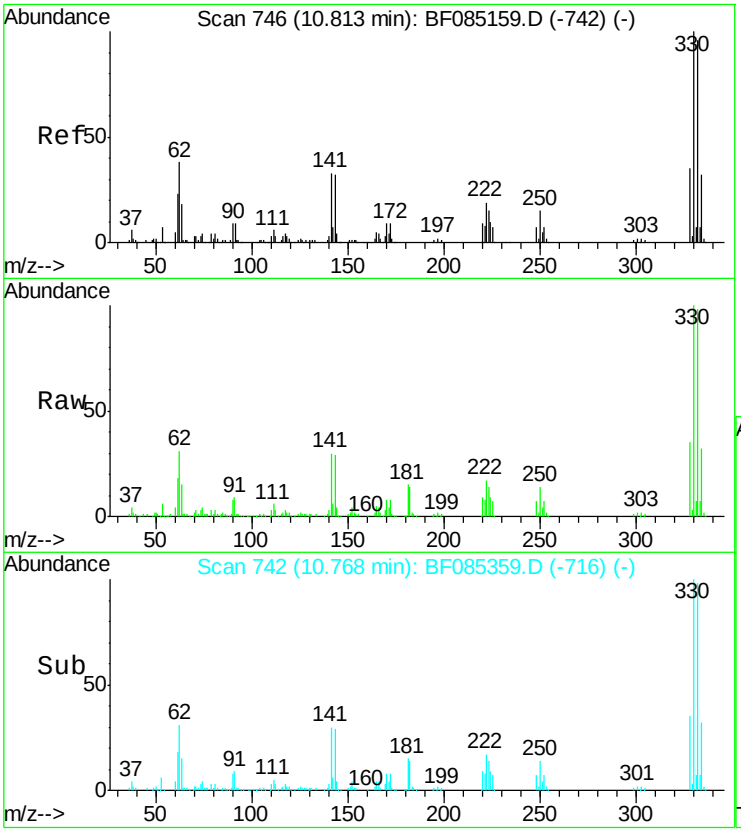


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Tgt Ion:164 Resp: 215353

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.3	124.9
160	46.6	37.9	56.9



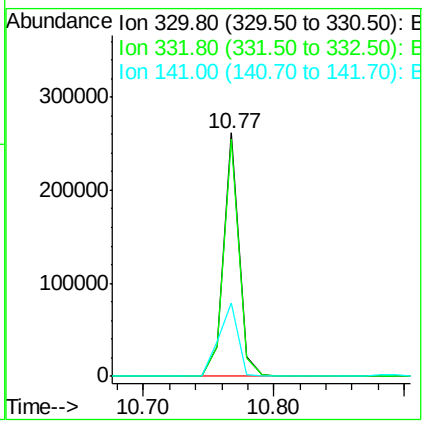


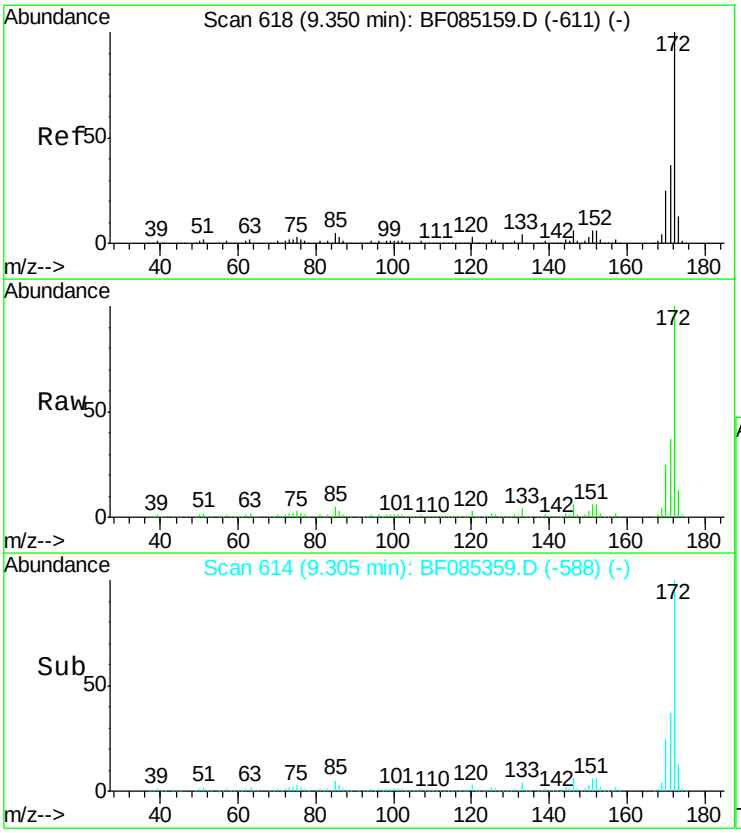
#41
2,4,6-Tribromophenol
Concen: 118.28 ng
RT: 10.77 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 217962

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.1	115.7
141	38.3	35.0	52.6

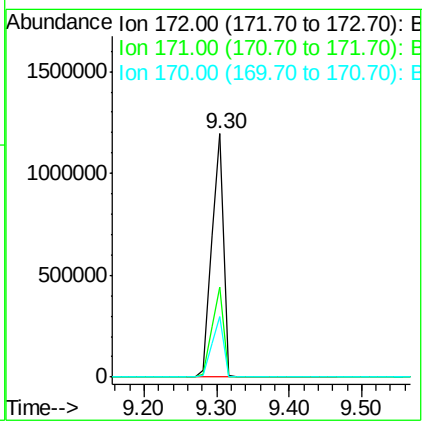


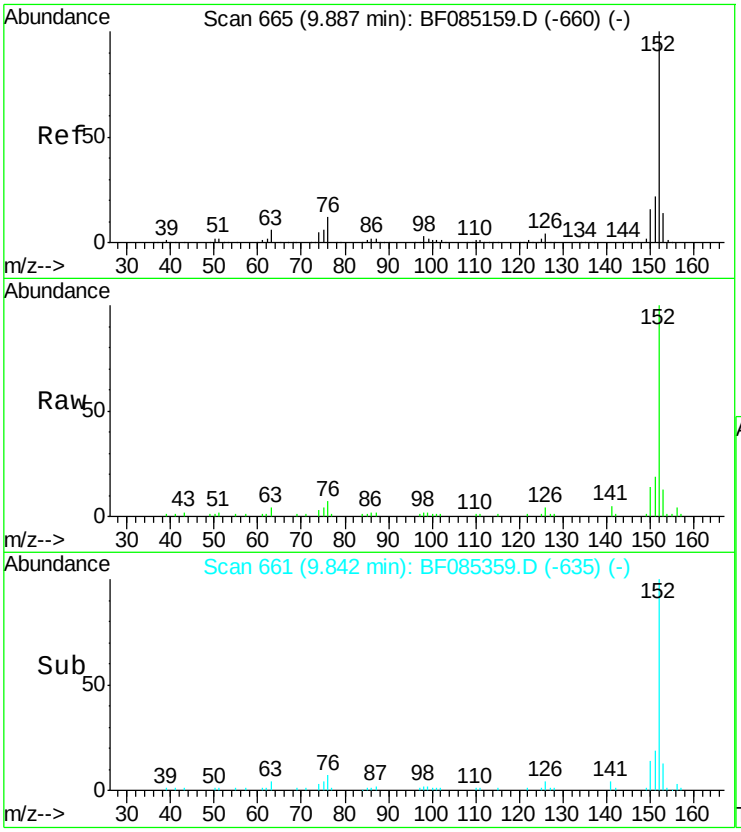


#44
2-Fluorobiphenyl
Concen: 94.05 ng
RT: 9.30 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Tgt Ion:172 Resp: 1331765

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.3	43.9
170	24.7	20.0	30.0



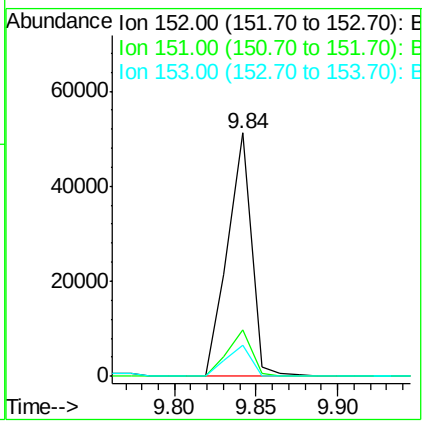


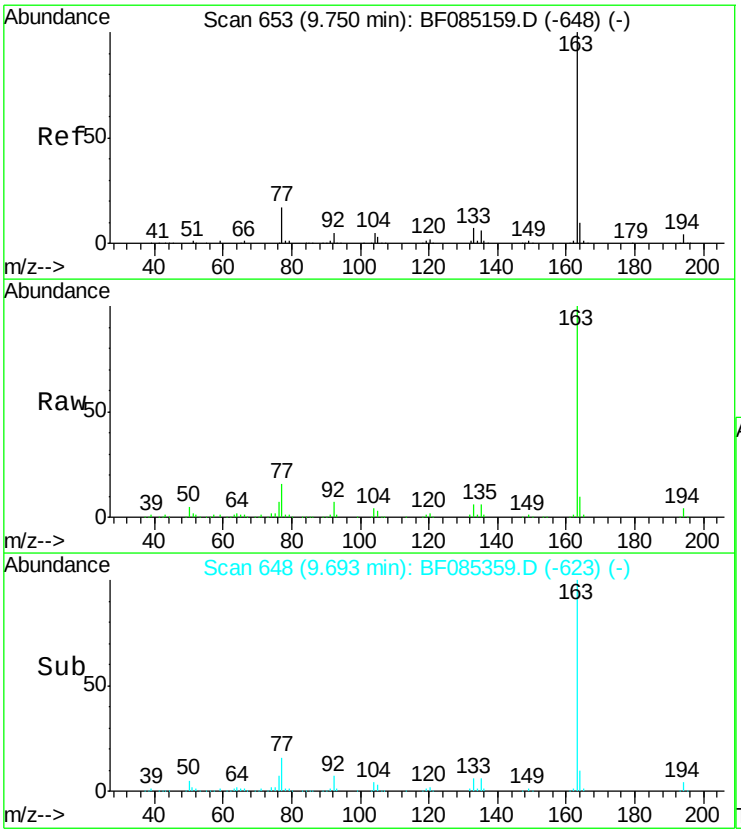
#48
Acenaphthylene
Concen: 2.37 ng
RT: 9.84 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 51721

Ion	Ratio	Lower	Upper
152	100		
151	19.1	17.5	26.3
153	13.0	11.3	16.9

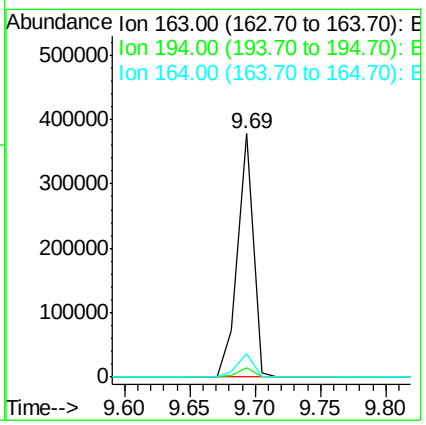


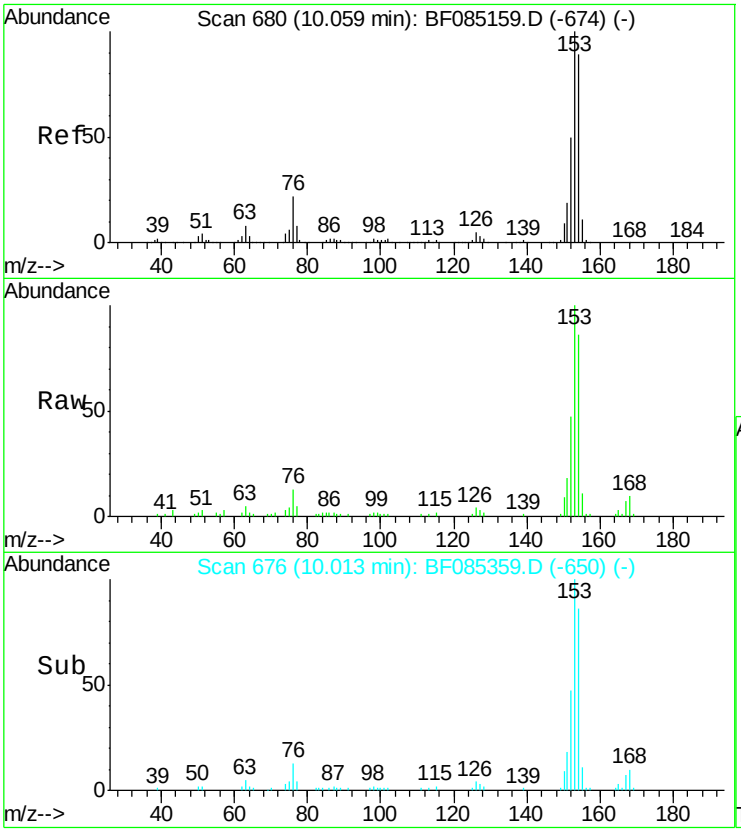


#49
Dimethylphthalate
Concen: 19.10 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Tgt Ion:163 Resp: 315719

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.7	8.2	12.4



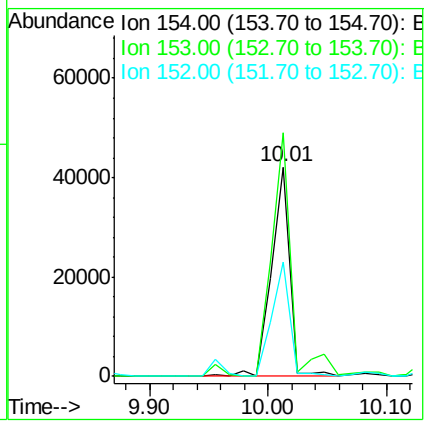


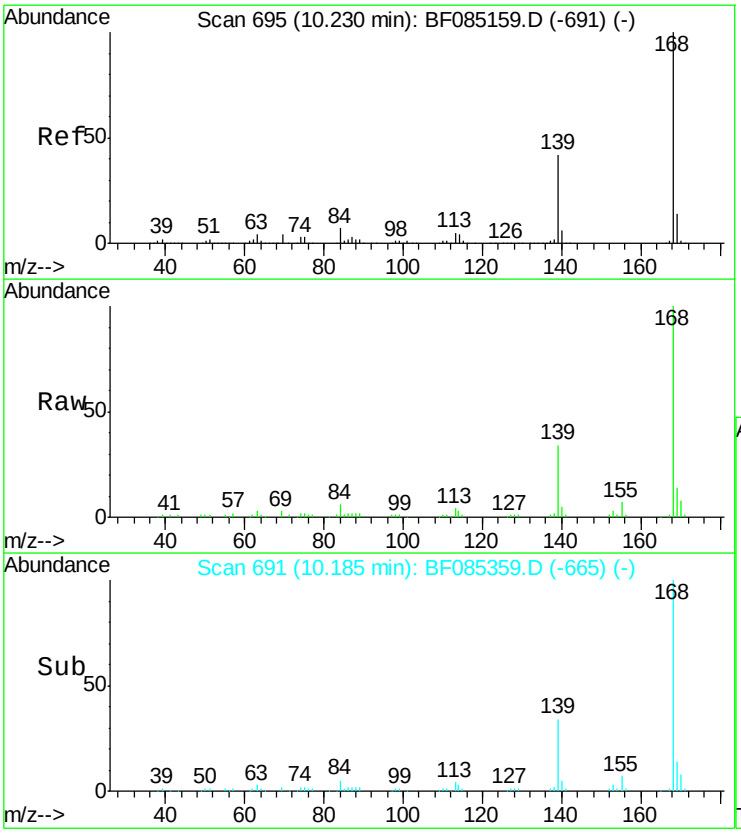
#51
Acenaphthene
Concen: 3.38 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 44753

Ion	Ratio	Lower	Upper
154	100		
153	116.3	89.8	134.8
152	54.7	44.6	66.8

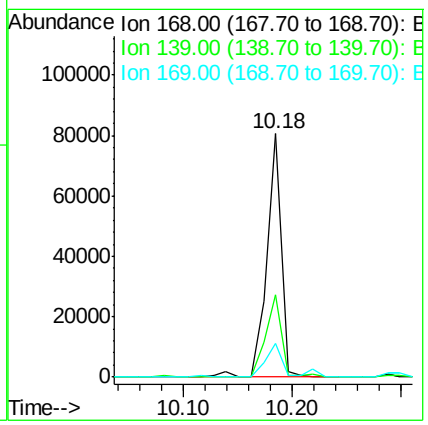


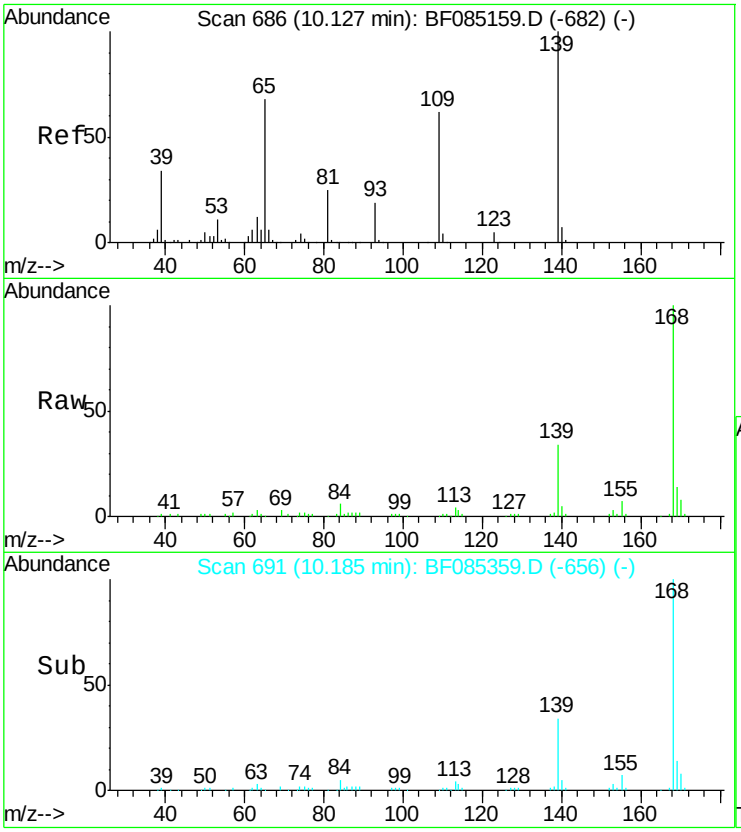


#54
Dibenzofuran
Concen: 4.38 ng
RT: 10.18 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Tgt Ion:168 Resp: 75996

Ion	Ratio	Lower	Upper
168	100		
139	33.8	33.6	50.4
169	13.7	11.2	16.8



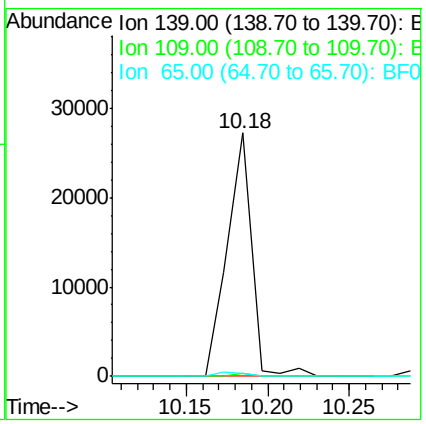


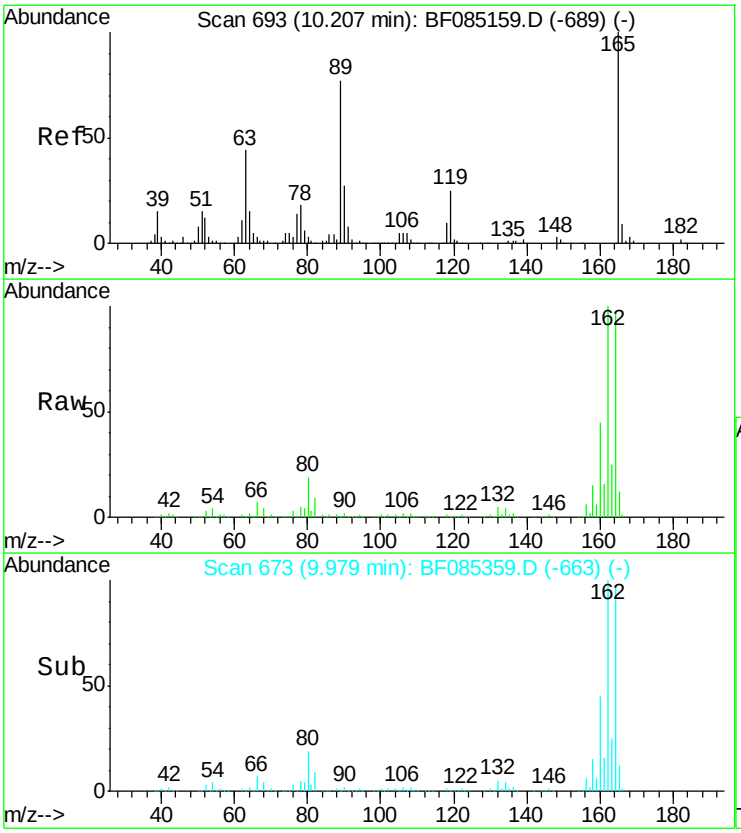
#55
4-Nitrophenol
Concen: 8.40 ng
RT: 10.18 min Scan# 691
Delta R.T. 0.10 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 27916

Ion	Ratio	Lower	Upper
139	100		
109	1.1	41.9	81.9#
65	1.1	48.3	88.3#

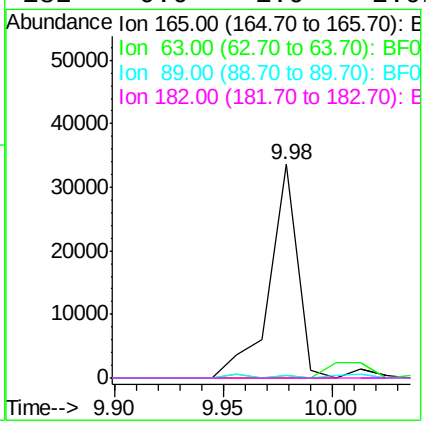


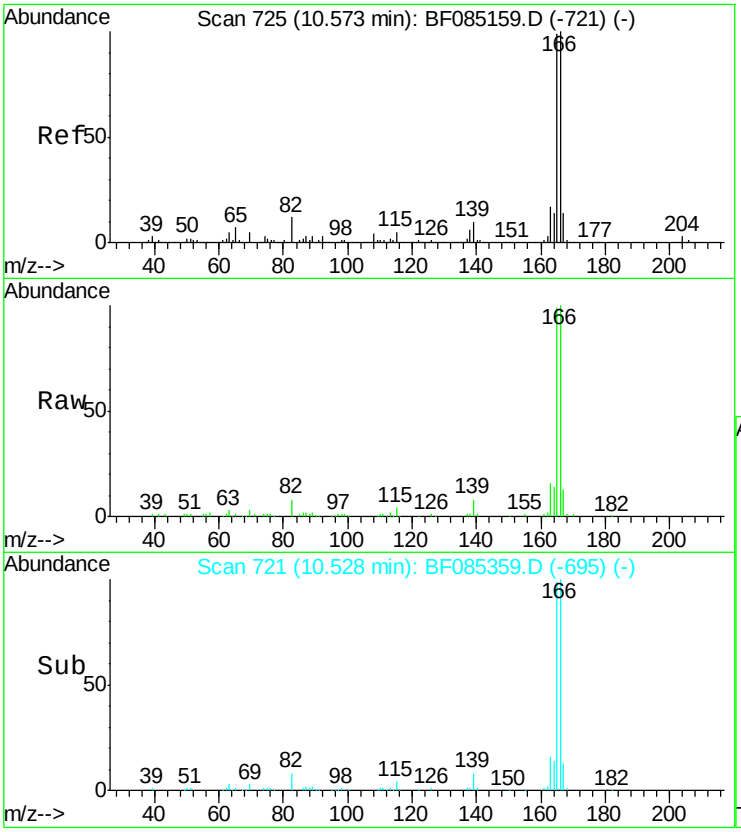


#56
2,4-Dinitrotoluene
Concen: 6.75 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.18 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Tgt Ion:165 Resp: 30566

Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.4	53.0#
89	1.2	61.9	92.9#
182	0.0	1.9	2.9#



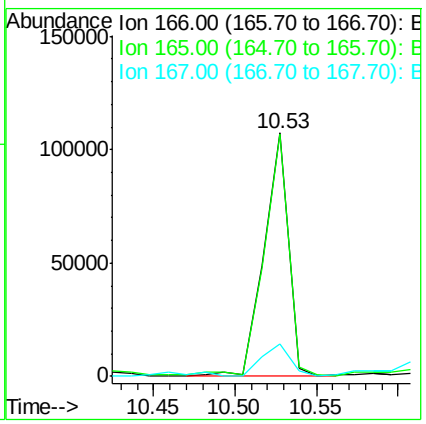


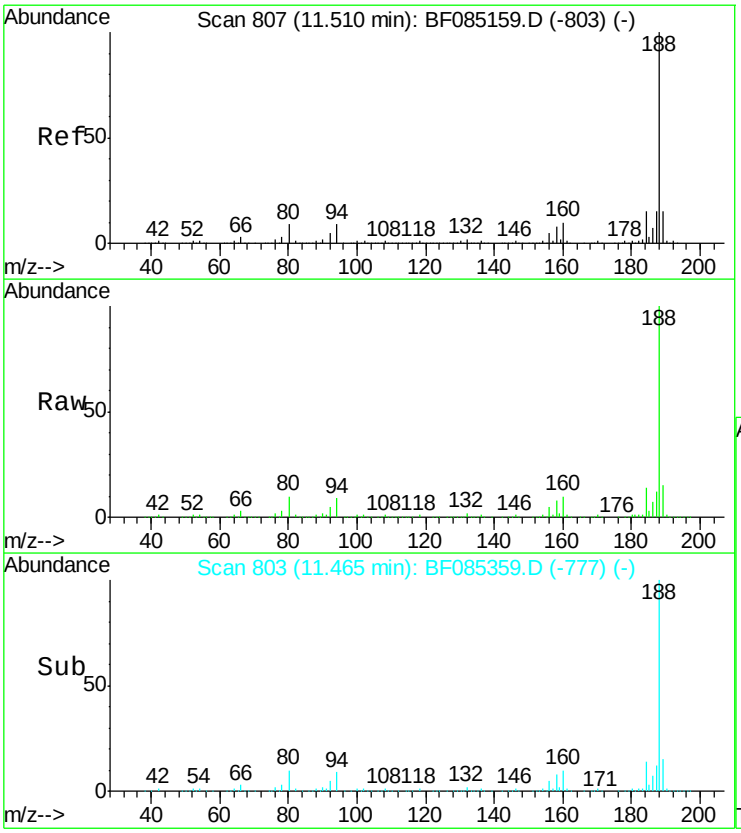
#57
Fluorene
Concen: 8.08 ng
RT: 10.53 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 110214

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.4	119.0
167	13.2	11.0	16.6

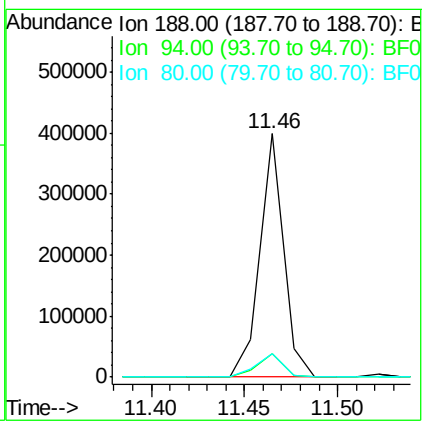


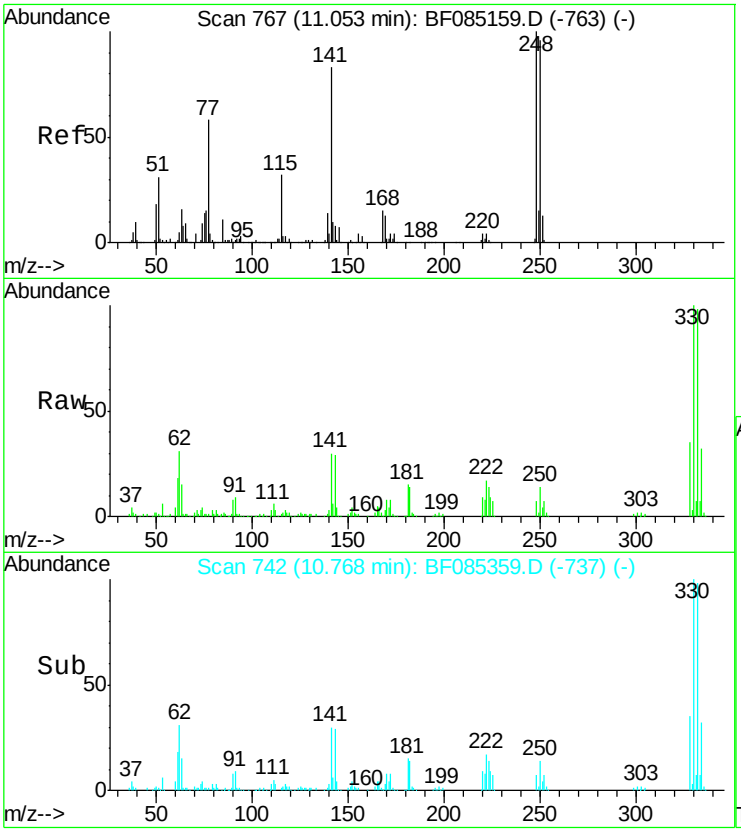


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Tgt Ion:188 Resp: 349779

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.6
80	9.8	7.4	11.0



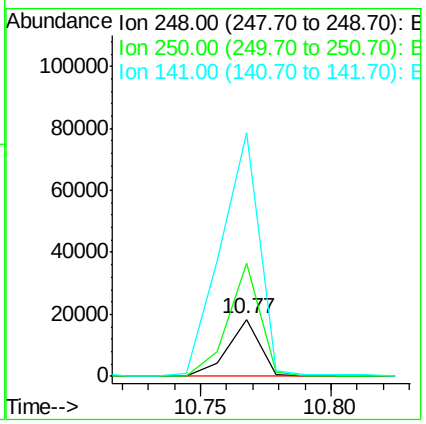


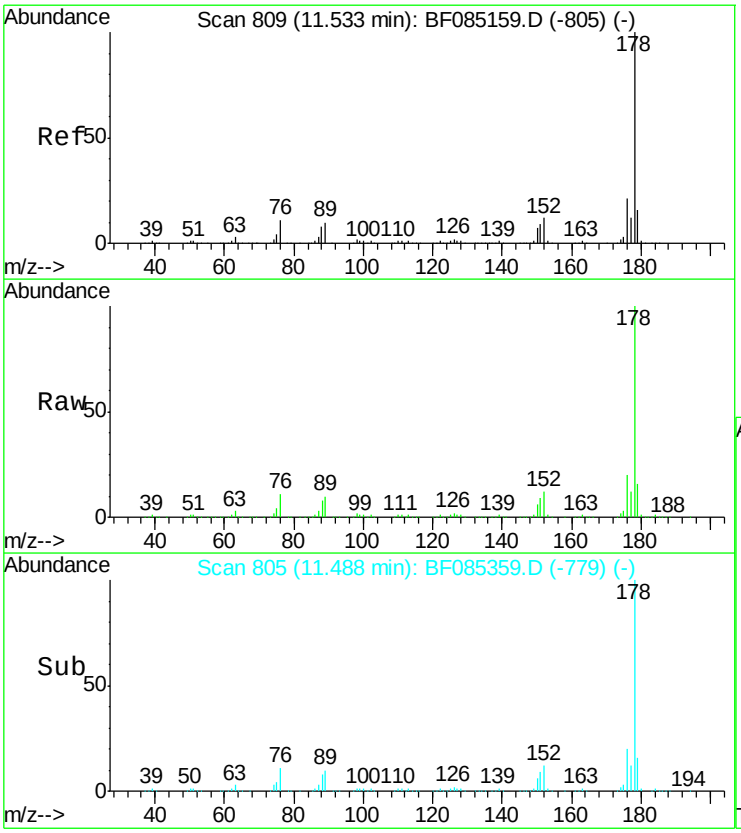
#66
4-Bromophenyl-phenylether
Concen: 4.66 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.24 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15836

Ion	Ratio	Lower	Upper
248	100		
250	198.9	77.1	115.7#
141	429.3	66.2	99.2#

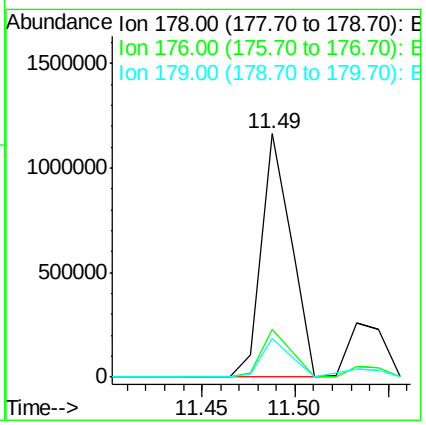


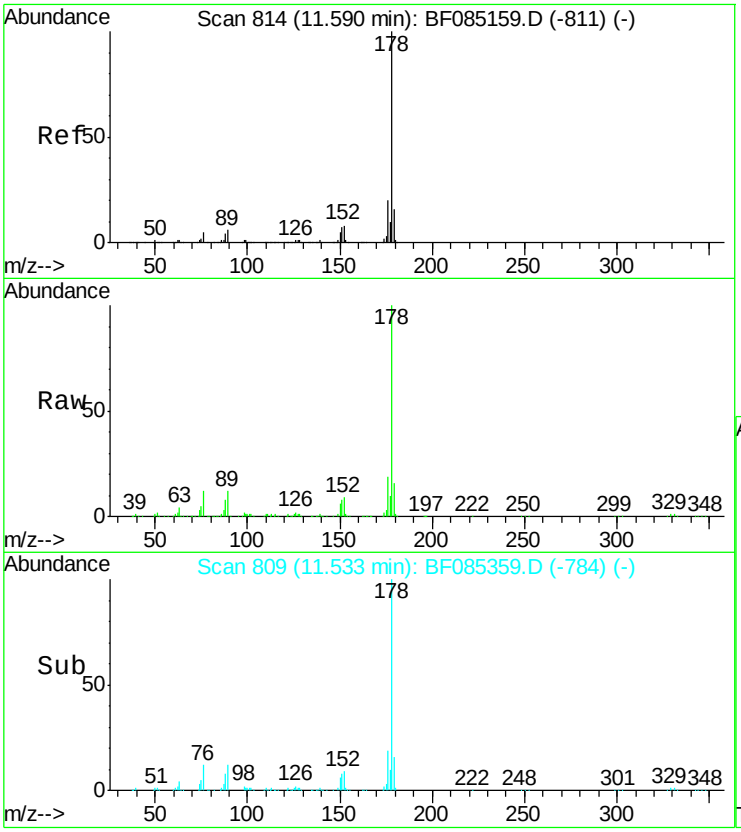


#70
Phenanthrene
Concen: 70.31 ng
RT: 11.49 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Tgt Ion:178 Resp: 1288828

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.8	25.2
179	16.1	13.1	19.7



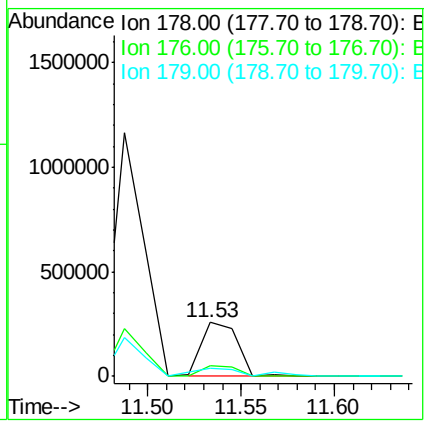


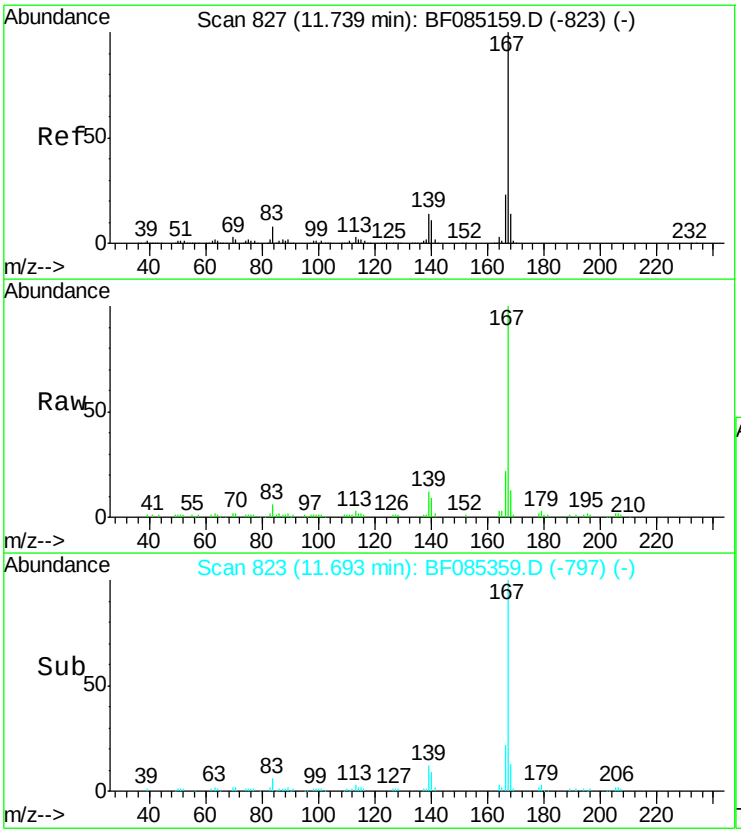
#71
Anthracene
Concen: 17.65 ng
RT: 11.53 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 343487

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	16.1	12.5	18.7

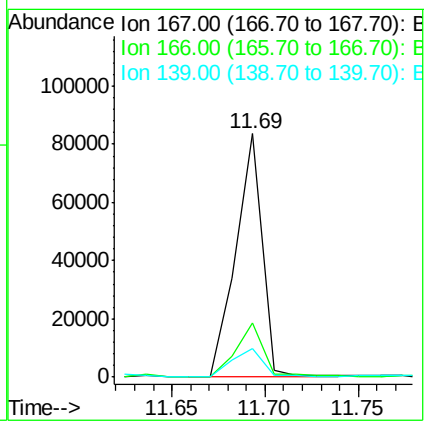


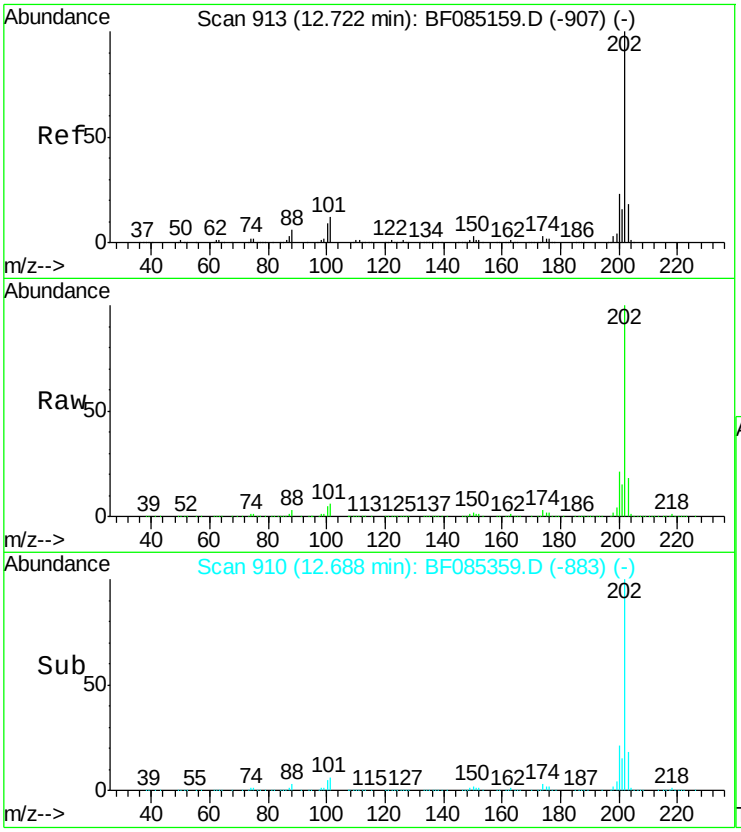


#72
Carbazole
Concen: 4.90 ng
RT: 11.69 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Tgt Ion:167 Resp: 83529

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	11.6	11.4	17.0



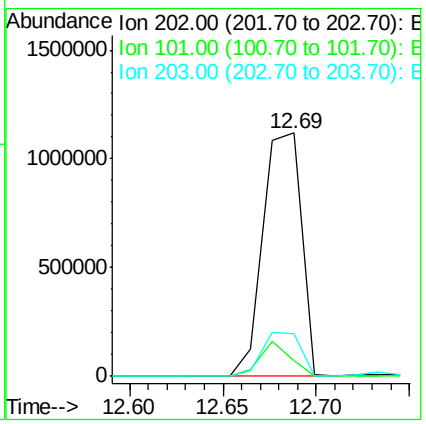


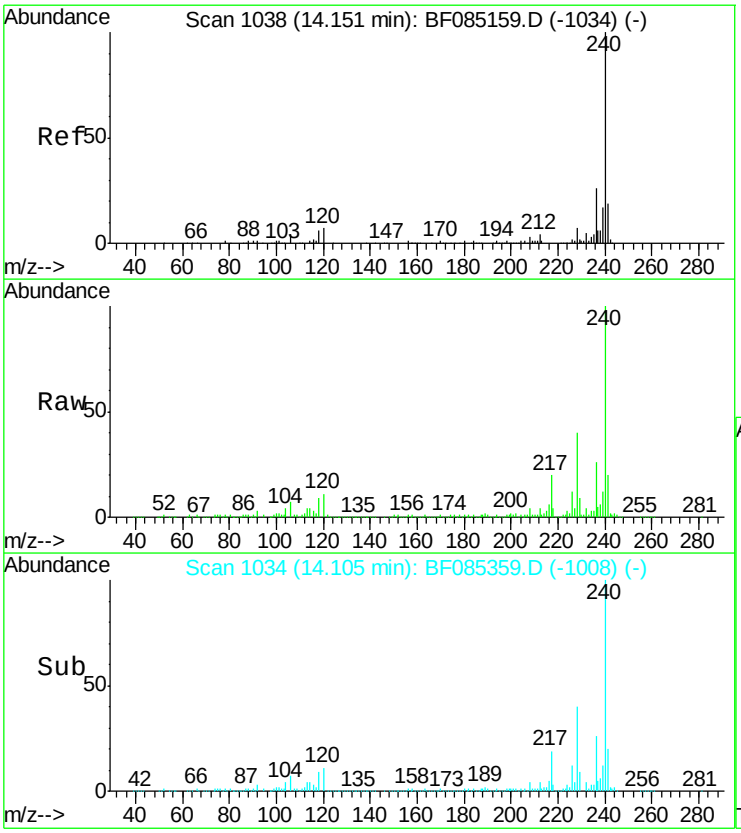
#74
Fluoranthene
Concen: 87.19 ng
RT: 12.69 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1603935

Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	31.8
203	17.8	0.0	38.4

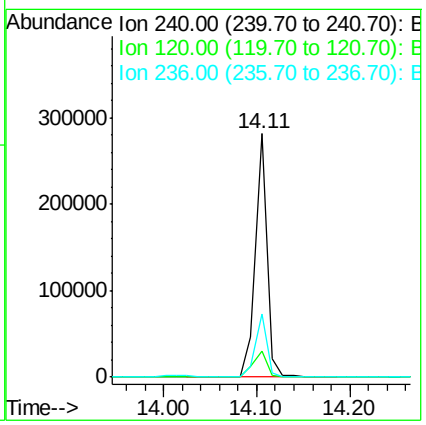


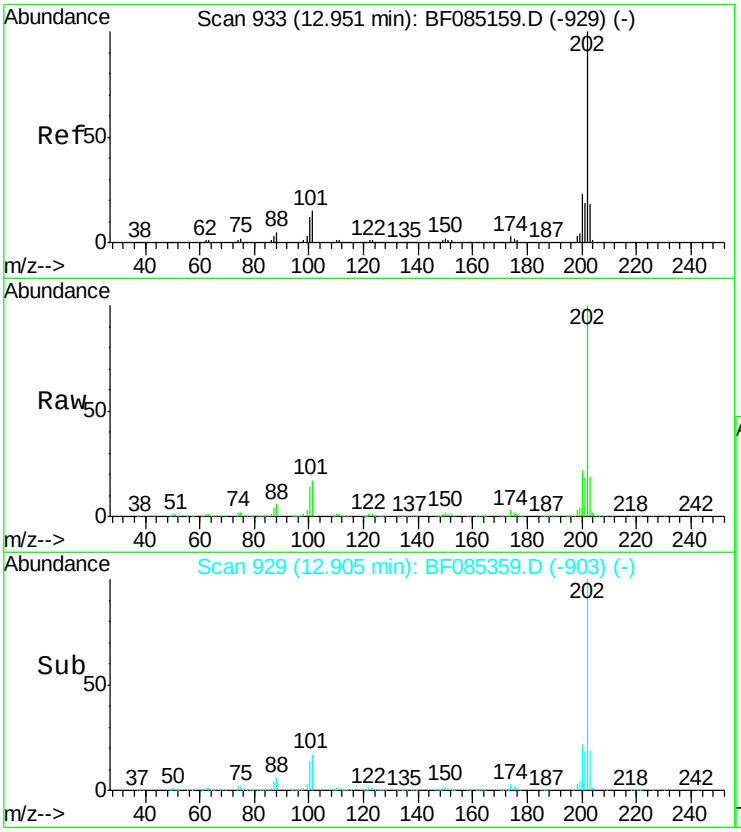


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Tgt Ion:240 Resp: 244756

Ion	Ratio	Lower	Upper
240	100		
120	10.9	5.3	7.9#
236	25.9	20.7	31.1



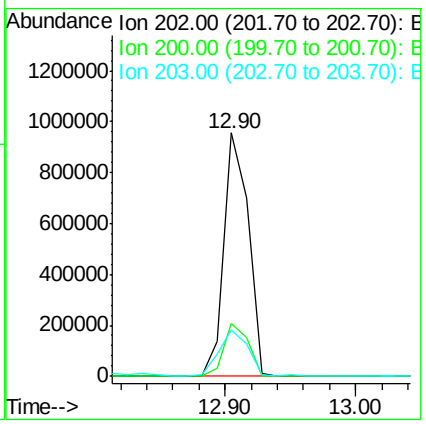


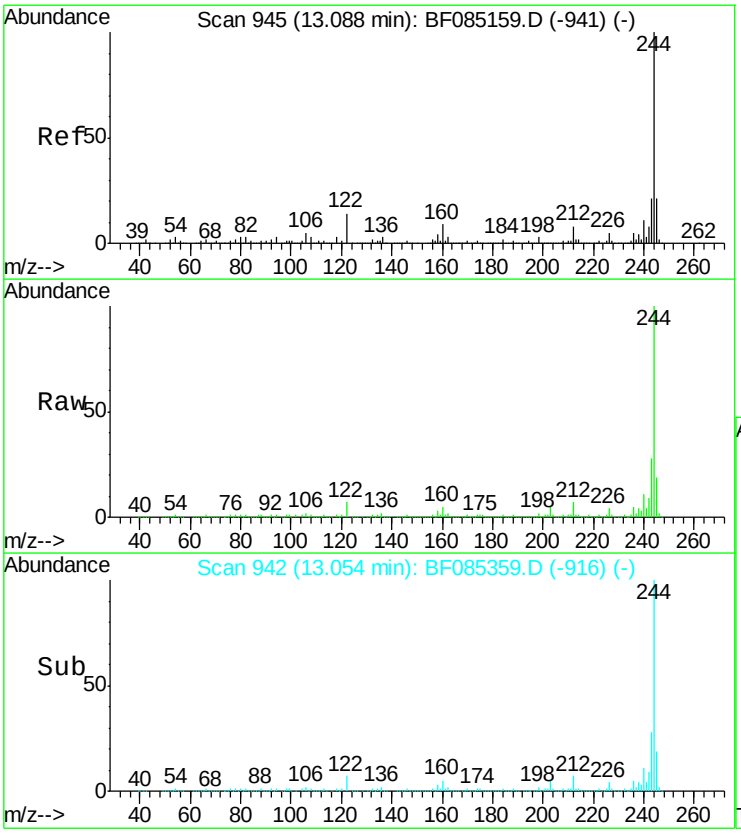
#77
Pyrene
Concen: 67.41 ng
RT: 12.90 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1241768

Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.2	27.4
203	19.1	14.7	22.1

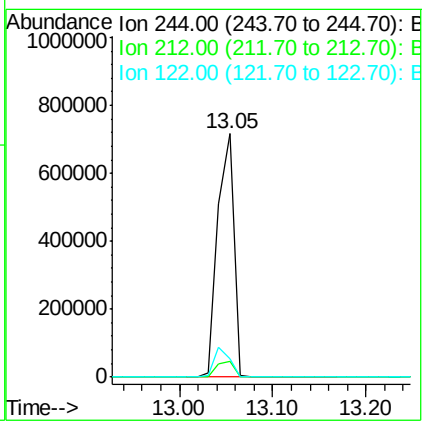


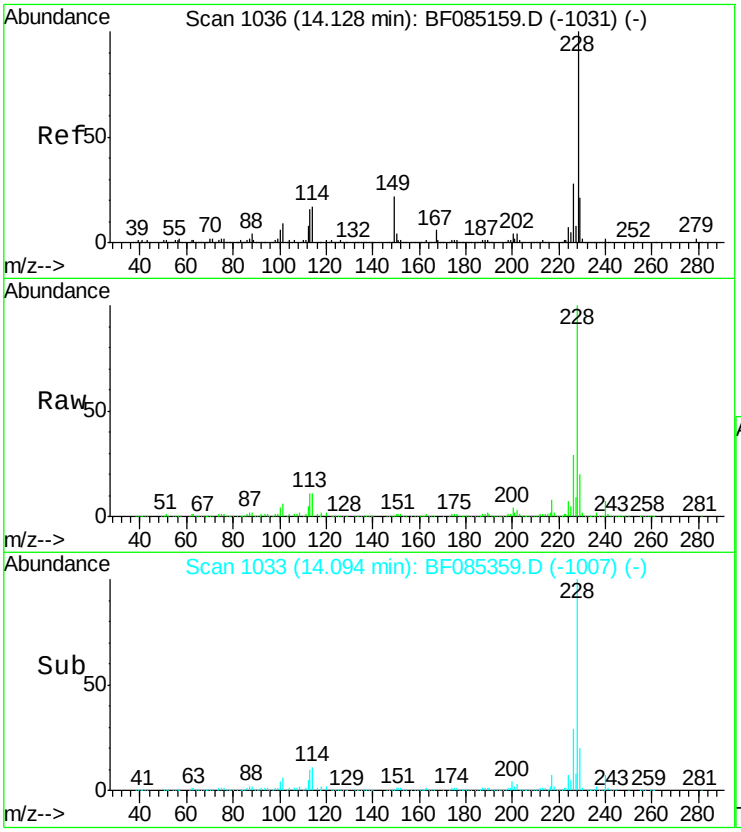


#78
Terphenyl-d14
Concen: 81.37 ng
RT: 13.05 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Tgt Ion:244 Resp: 857966

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.4	9.6
122	7.3	11.4	17.2#



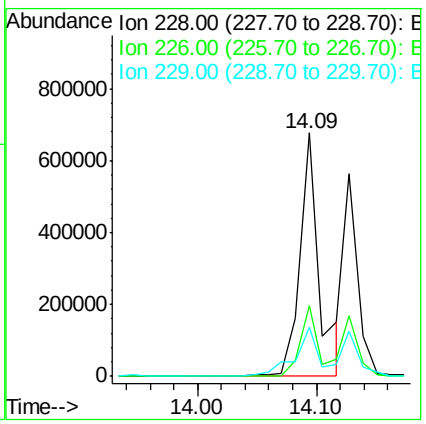


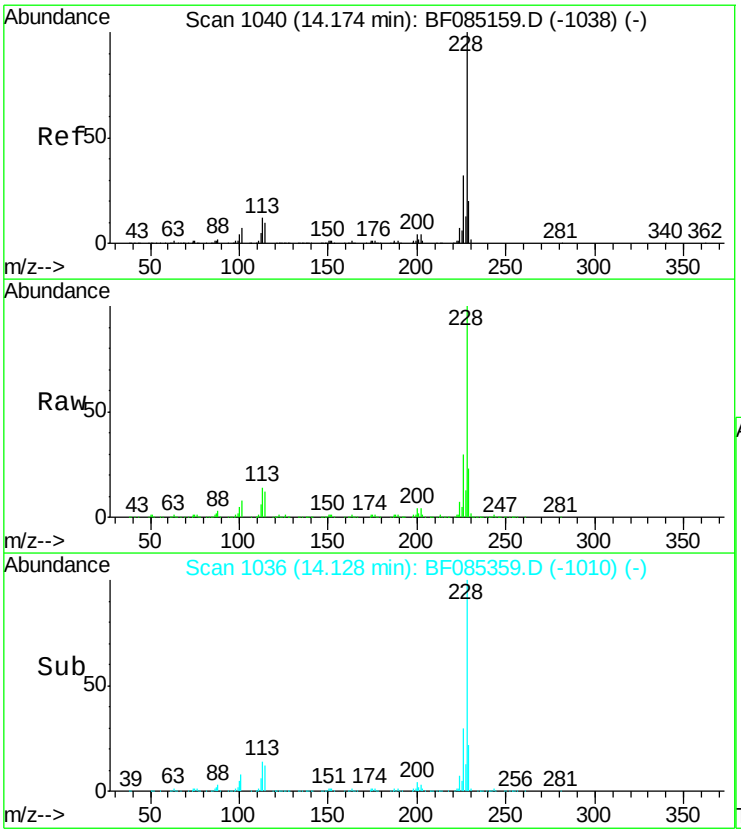
#80
Benzo(a)anthracene
Concen: 52.26 ng
RT: 14.09 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 765721

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.8	34.2
229	20.3	16.6	24.8

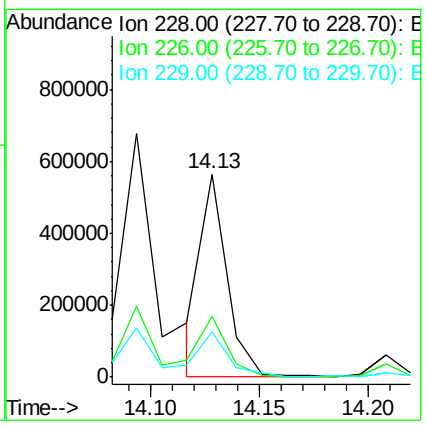


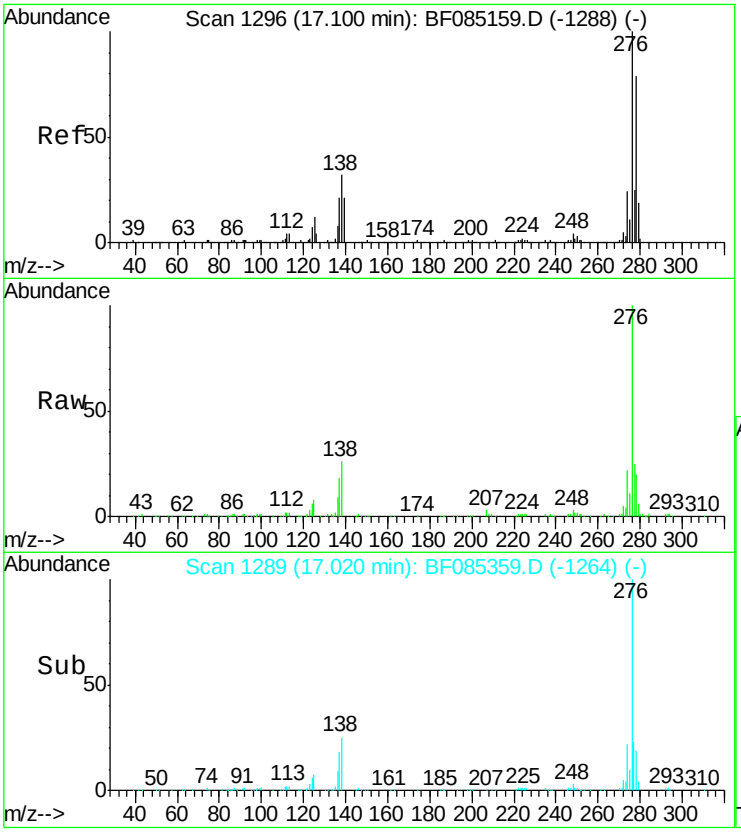


#82
Chrysene
Concen: 34.76 ng
RT: 14.13 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Tgt Ion:228 Resp: 470557

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.2	37.8
229	22.6	16.0	24.0



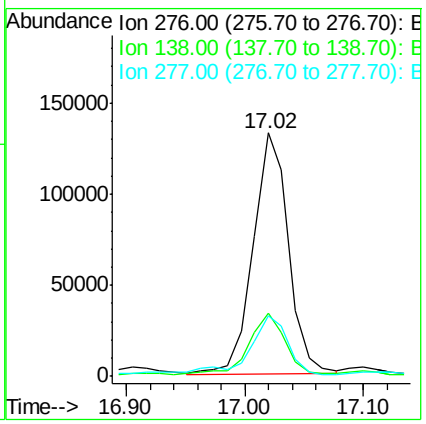


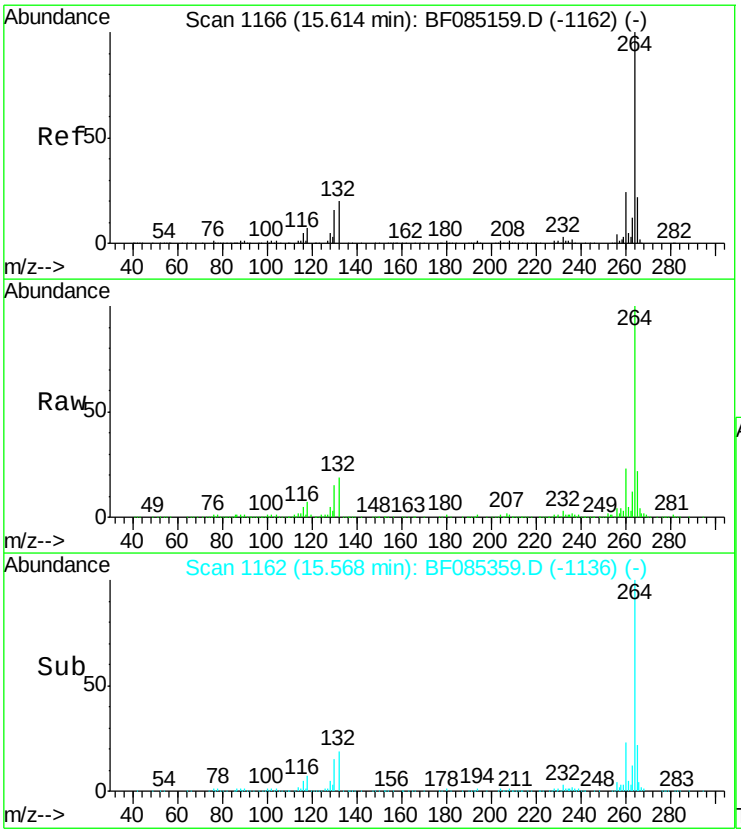
#85
Indeno(1,2,3-cd)pyrene
Concen: 25.85 ng
RT: 17.02 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 273097

Ion	Ratio	Lower	Upper
276	100		
138	25.8	26.4	39.6#
277	26.7	20.2	30.2

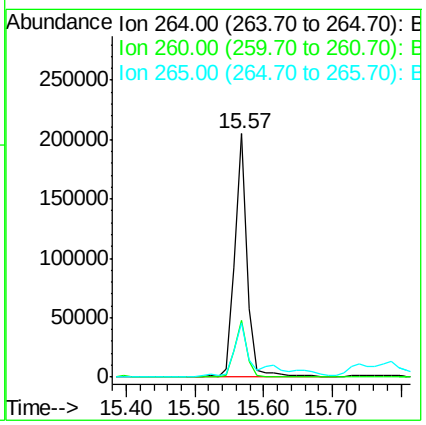


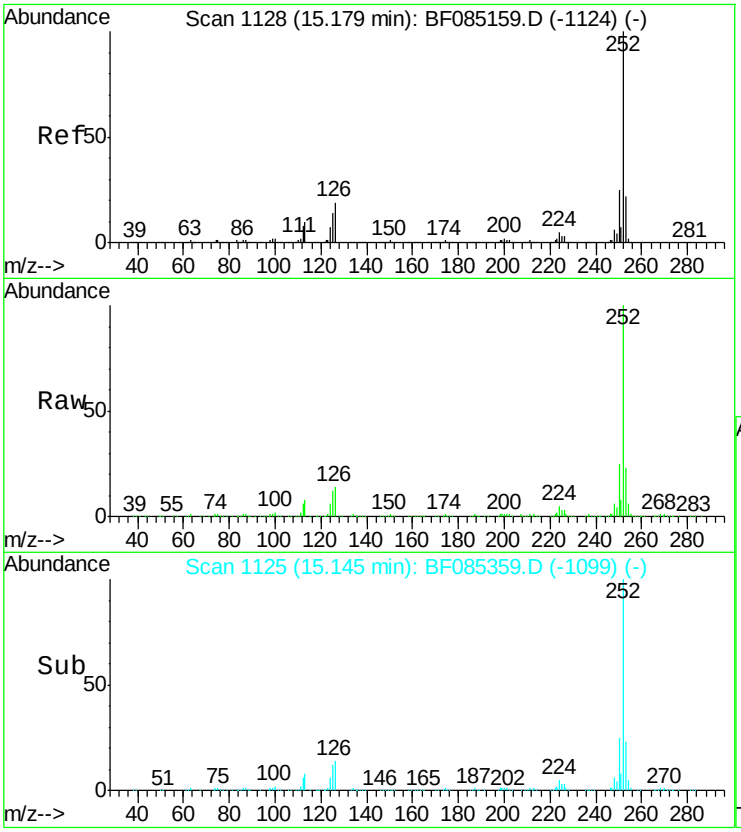


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Tgt Ion:264 Resp: 264537

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.3	17.3	25.9



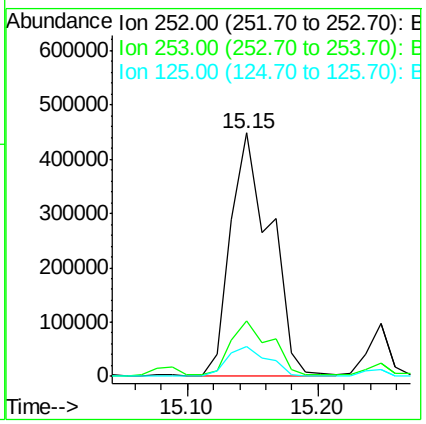


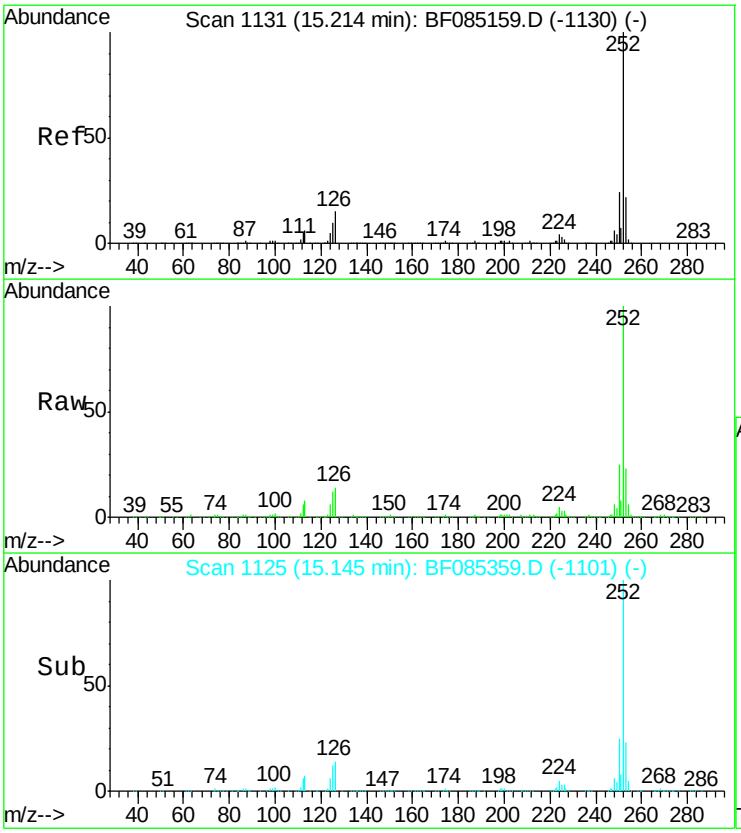
#87
Benzo(b)fluoranthene
Concen: 53.70 ng
RT: 15.15 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 946798

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	12.3	11.3	16.9

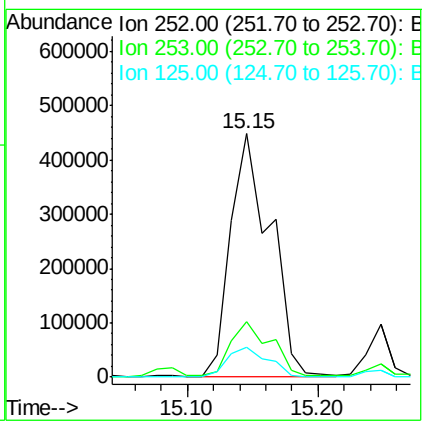


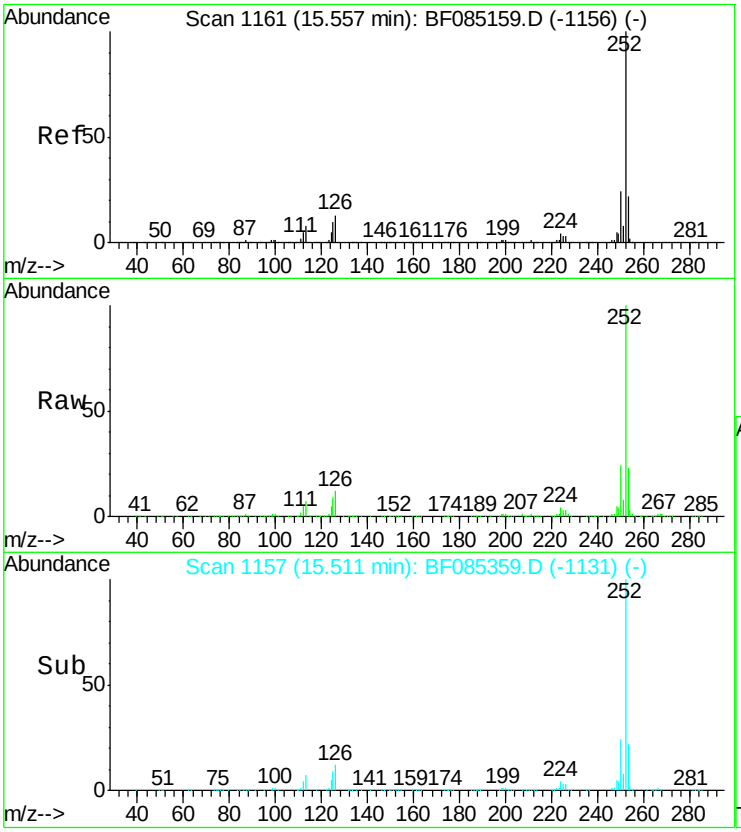


#88
Benzo(k)fluoranthene
Concen: 66.57 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Tgt Ion:252 Resp: 946798

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	12.3	10.4	15.6



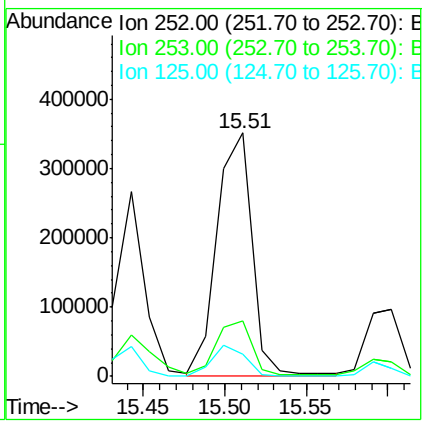


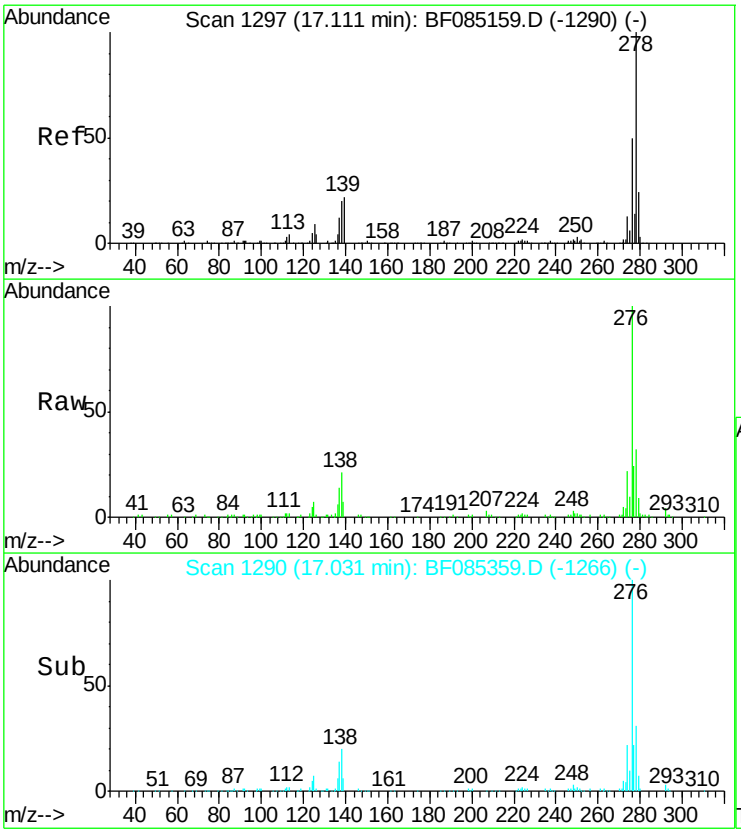
#89
Benzo(a)pyrene
Concen: 35.53 ng
RT: 15.51 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 519098

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	9.3	8.2	12.4

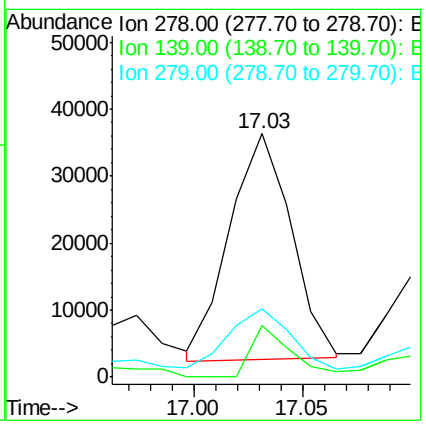


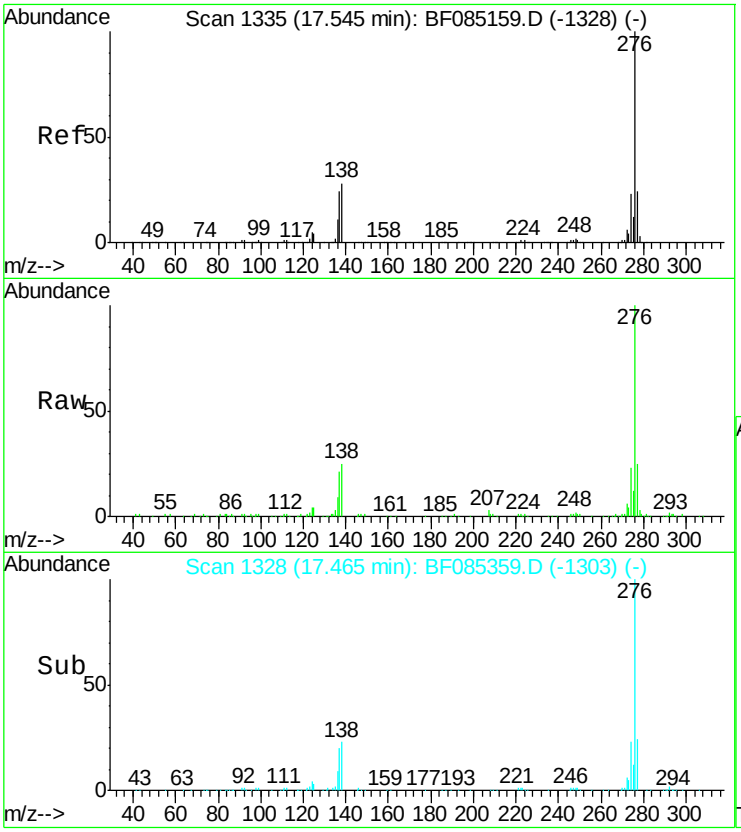


#90
Dibenzo(a,h)anthracene
Concen: 5.37 ng
RT: 17.03 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Tgt Ion:278 Resp: 66926

Ion	Ratio	Lower	Upper
278	100		
139	21.2	17.3	25.9
279	28.1	19.2	28.8





#91
Benzo(g,h,i)perylene
Concen: 18.83 ng
RT: 17.47 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF085359.D
Acq: 11 Mar 2016 3:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 236200

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.0	28.4
138	24.8	22.5	33.7