Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085385.D
Acq On : 11 Mar 2016 21:27
Operator : UM/SJ
Sample : H1758-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-17-20160309

Quant Time: Mar 11 22:02:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	141184	20.00	ng		-0.05
21) Naphthalene-d8	8.22	136	526531	20.00	ng		-0.05
38) Acenaphthene-d10	9.98	164	231357	20.00	ng		-0.05
63) Phenanthrene-d10	11.46	188	356241	20.00	ng		-0.05
75) Chrysene-d12	14.11	240	270564	20.00	ng		-0.05
86) Perylene-d12	15.57	264	271917	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	743535	88.34	ng		-0.05
7) Phenol-d6	6.56	99	1162887	105.45	ng		-0.05
23) Nitrobenzene-d5	7.50	82	735411	74.74	ng		-0.05
41) 2,4,6-Tribromophenol	10.77	330	117498	59.35	ng		-0.05
44) 2-Fluorobiphenyl	9.30	172	1158218	76.14	ng		-0.05
78) Terphenyl-d14	13.05	244	768557	65.94	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	1968	Below Cal		#	2
19) n-Nitroso-di-n-propylamine	7.50	70	100585	13.99	ng	#	78
25) Isophorone	7.50	82	558223	30.61	ng	#	67
49) Dimethylphthalate	9.69	163	108712	6.12	ng		98
66) 4-Bromophenyl-phenylether	10.77	248	8578	2.48	ng	#	1
70) Phenanthrene	11.49	178	310221	16.62	ng		98
71) Anthracene	11.53	178	61954	3.13	ng		97
74) Fluoranthene	12.68	202	326090	17.40	ng		98
77) Pyrene	12.90	202	318516	15.64	ng		97
80) Benzo(a)anthracene	14.09	228	160637	9.92	ng		98
82) Chrysene	14.13	228	117089	7.83	ng		97
85) Indeno(1,2,3-cd)pyrene	17.03	276	64483	5.52	ng		92
87) Benzo(b)fluoranthene	15.15	252	213421	11.78	ng	#	95
88) Benzo(k)fluoranthene	15.15	252	213421	14.60	ng	#	94
89) Benzo(a)pyrene	15.51	252	120504	8.02	ng	#	92
91) Benzo(g,h,i)perylene	17.47	276	62179	4.82	ng		96

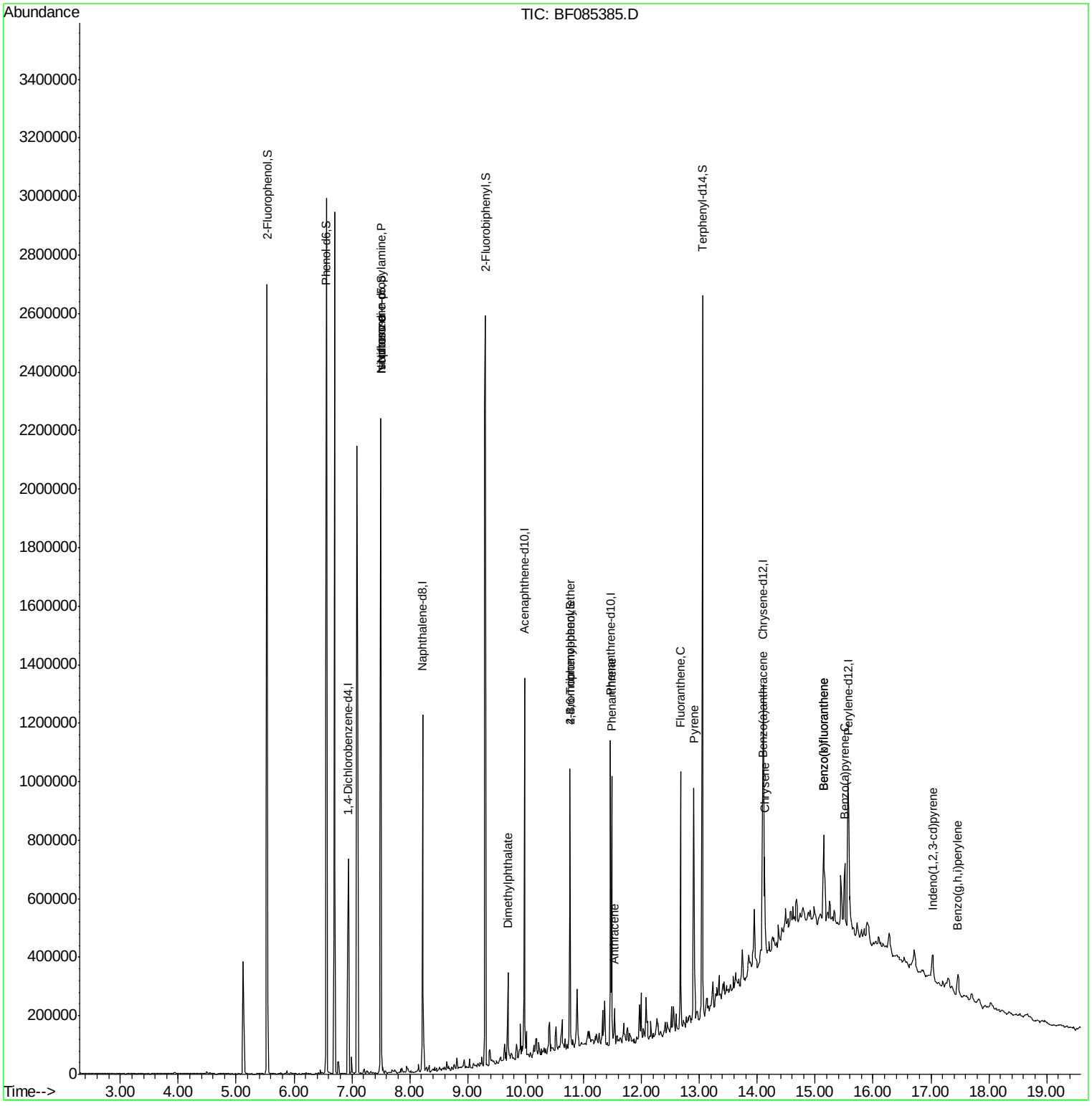
(#) = qualifier out of range (m) = manual integration (+) = signals summed

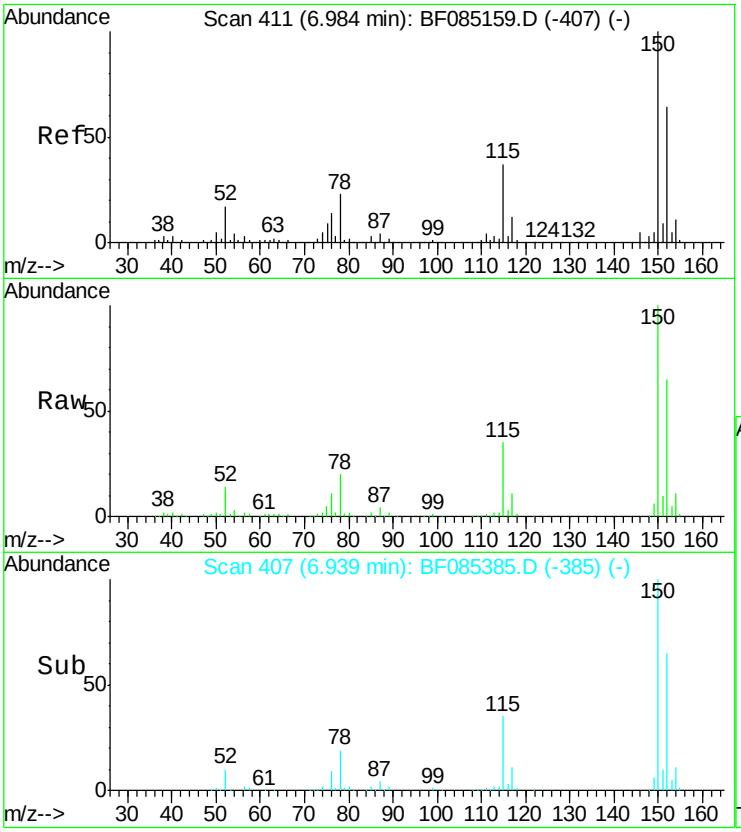
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085385.D
Acq On : 11 Mar 2016 21:27
Operator : UM/SJ
Sample : H1758-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Quant Time: Mar 11 22:02:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration



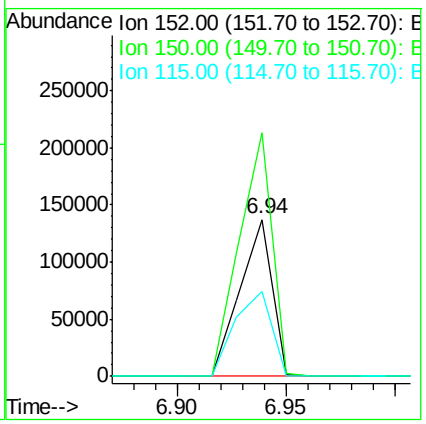


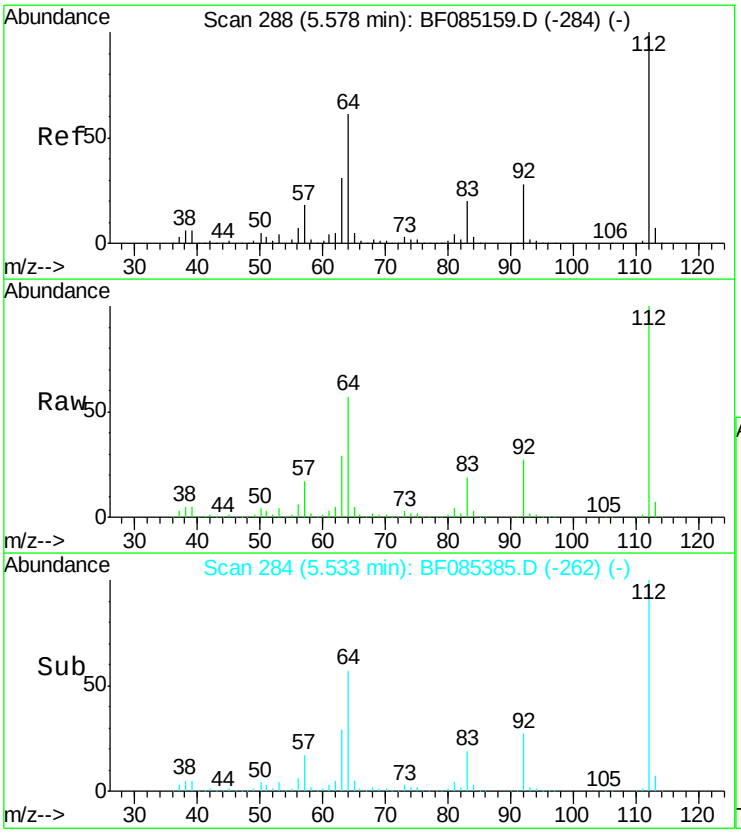
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Tgt Ion:152 Resp: 141184

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	54.2	46.6	70.0

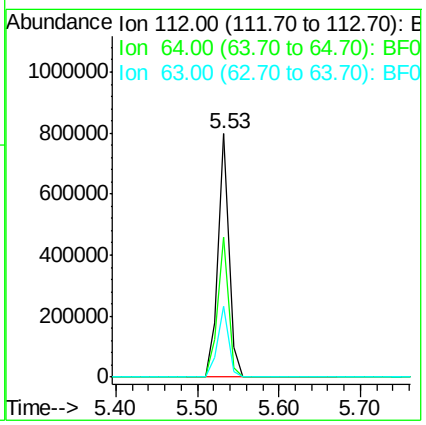


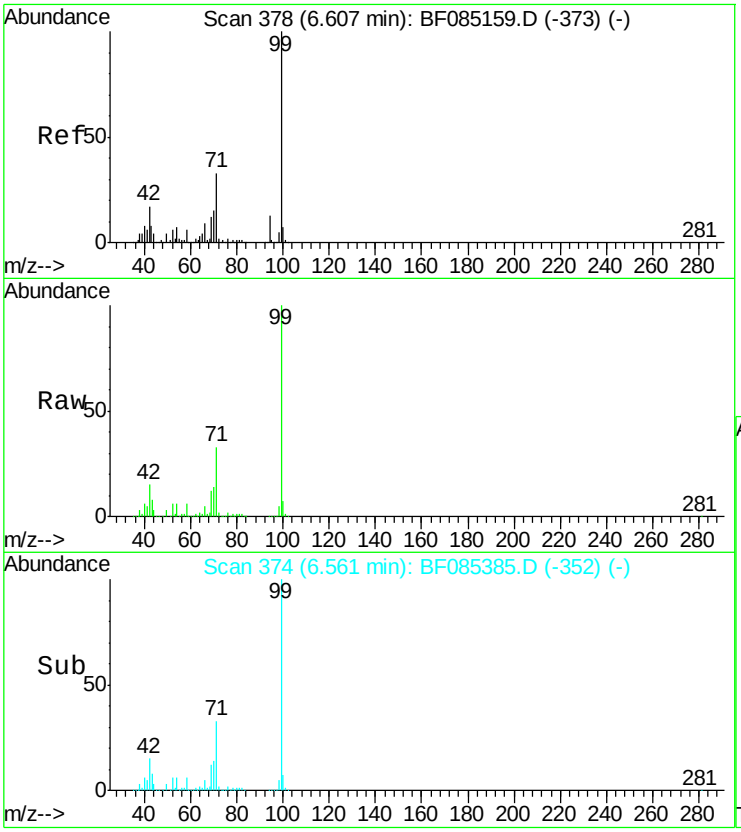


#5
2-Fluorophenol
Concen: 88.34 ng
RT: 5.53 min Scan# 284
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Tgt Ion:112 Resp: 743535

Ion	Ratio	Lower	Upper
112	100		
64	57.5	49.0	73.4
63	29.2	24.8	37.2



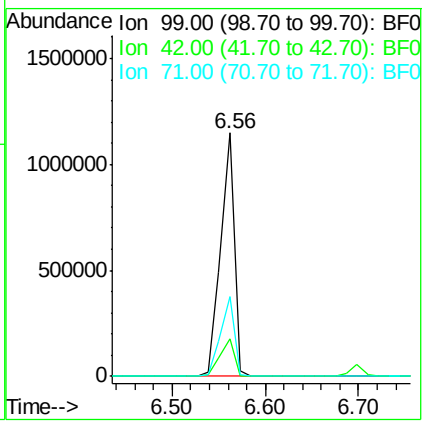


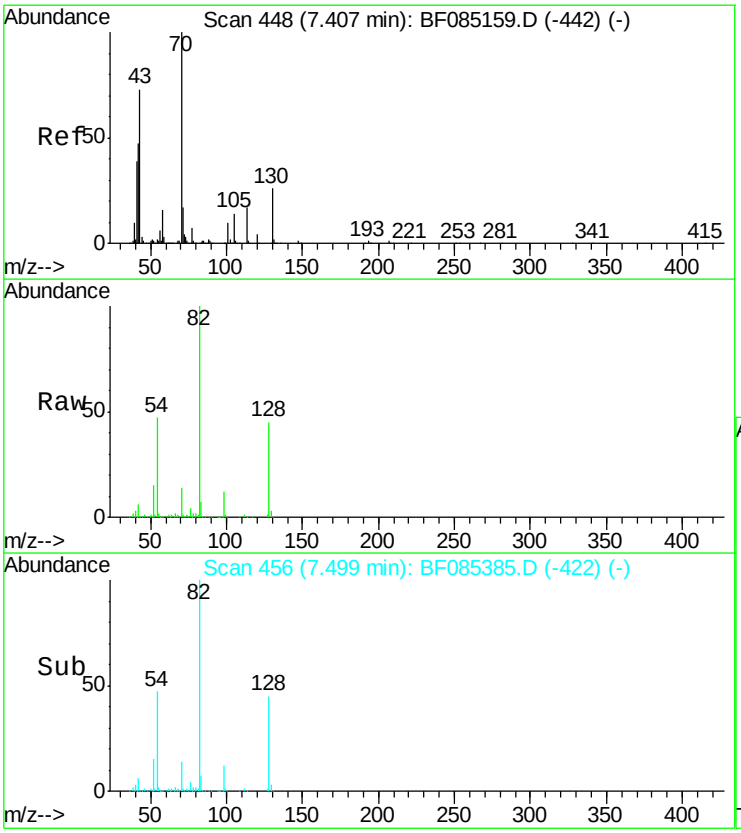
#7
Phenol-d6
Concen: 105.45 ng
RT: 6.56 min Scan# 374
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Tgt Ion: 99 Resp: 1162887

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.6	20.4
71	32.6	26.7	40.1

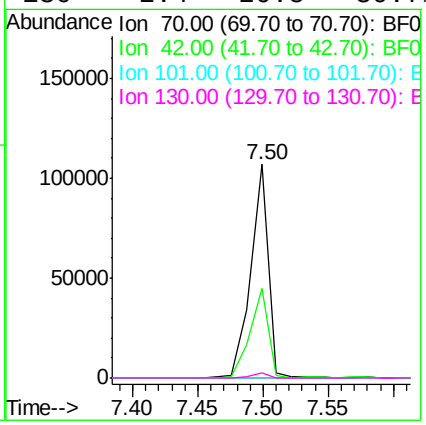


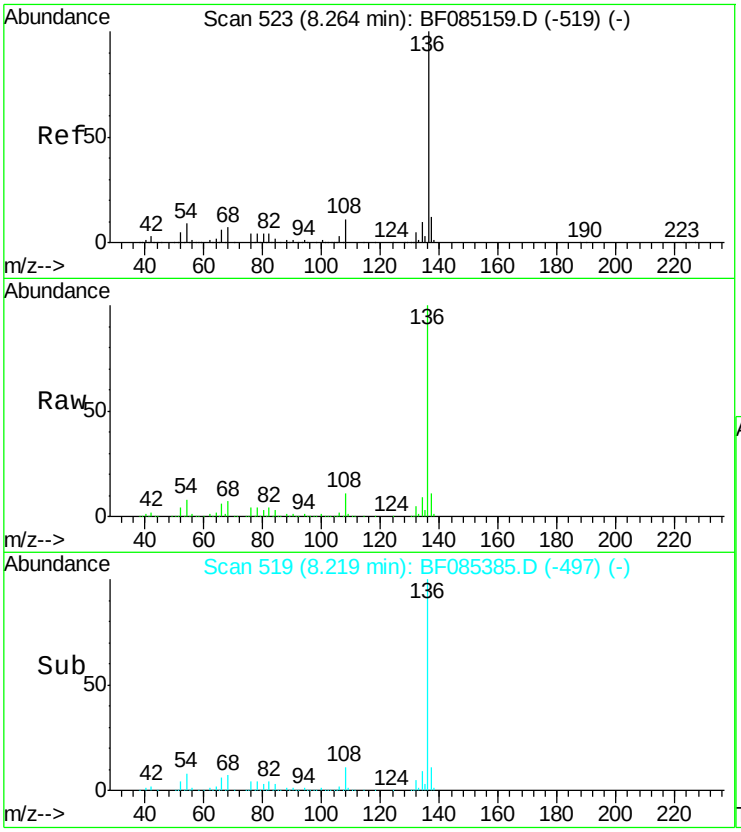


#19
n-Nitroso-di-n-propylamine
Concen: 13.99 ng
RT: 7.50 min Scan# 456
Delta R.T. 0.09 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Tgt Ion: 70 Resp: 100585

Ion	Ratio	Lower	Upper
70	100		
42	42.0	37.7	56.5
101	0.0	8.2	12.4#
130	2.4	20.5	30.7#



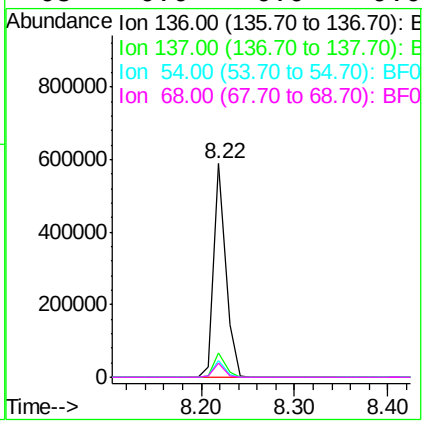


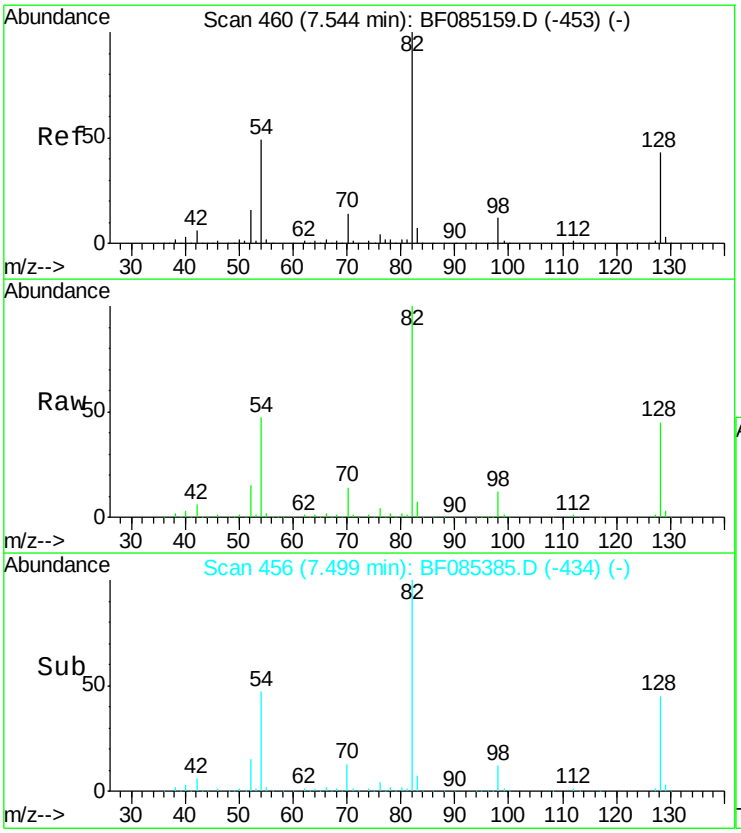
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Tgt Ion:136 Resp: 526531

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.1	7.4	11.2
68	6.6	6.0	9.0

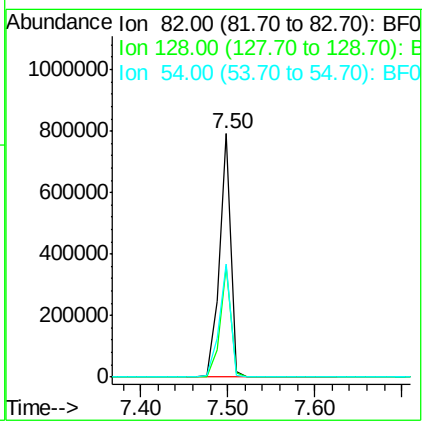


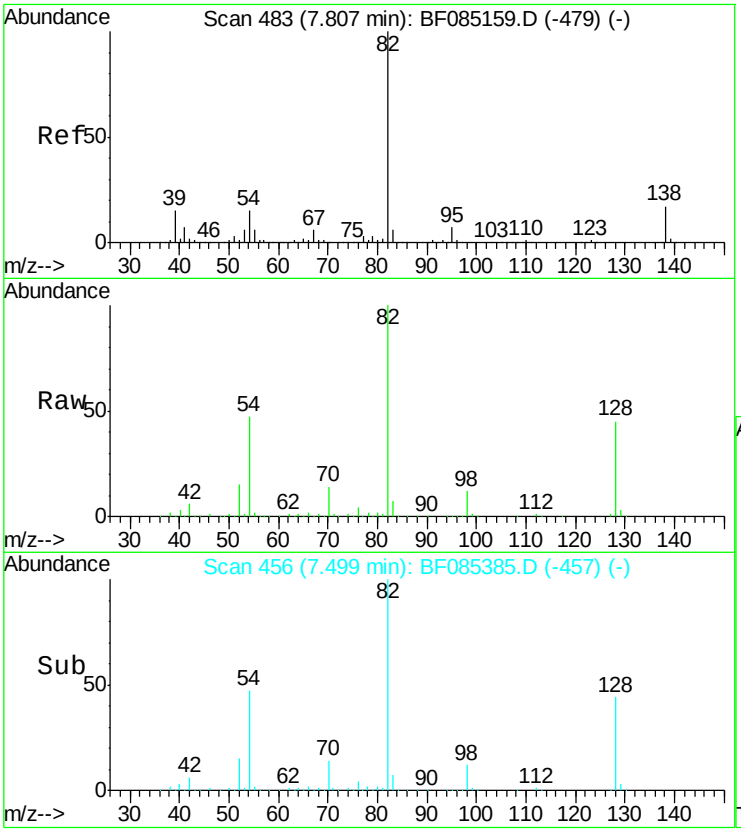


#23
Nitrobenzene-d5
Concen: 74.74 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Tgt Ion: 82 Resp: 735411

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.5	51.7
54	46.6	39.3	58.9



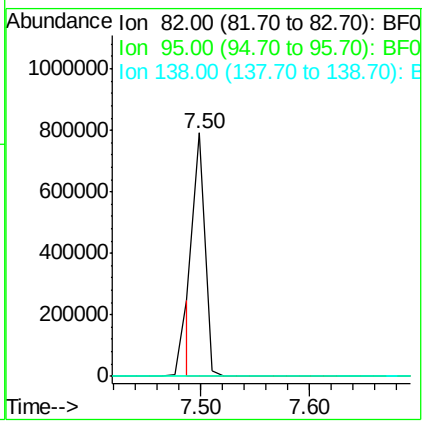


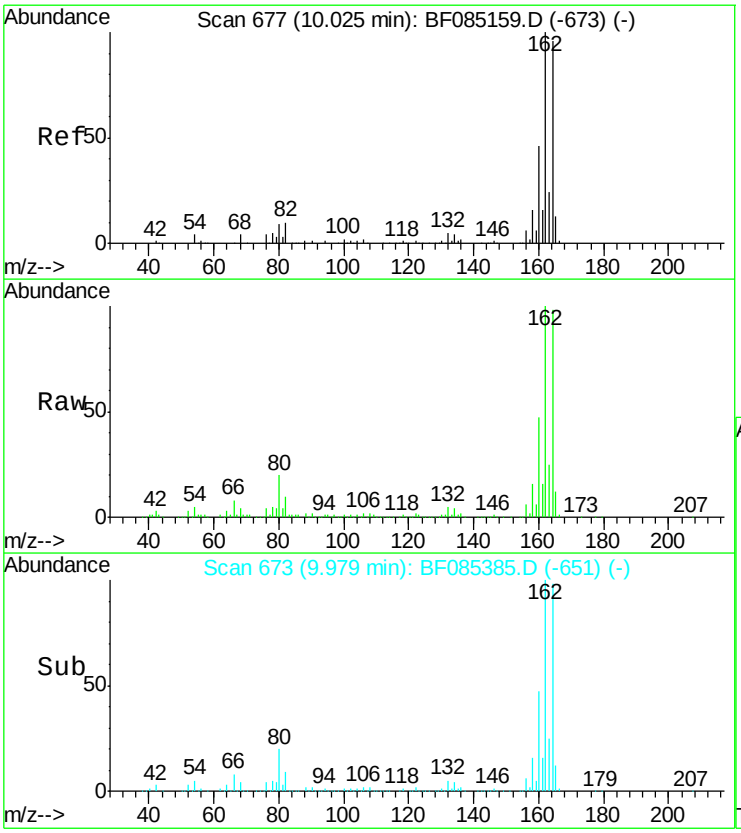
#25
Isophorone
Concen: 30.61 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.31 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Tgt Ion: 82 Resp: 558223

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

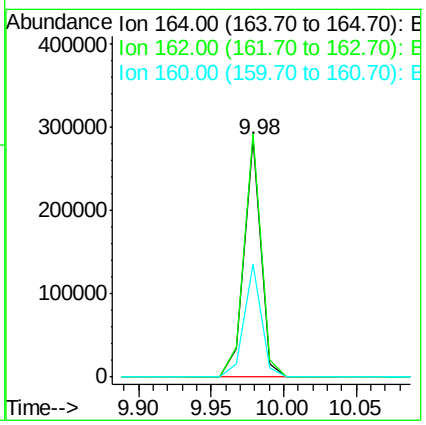


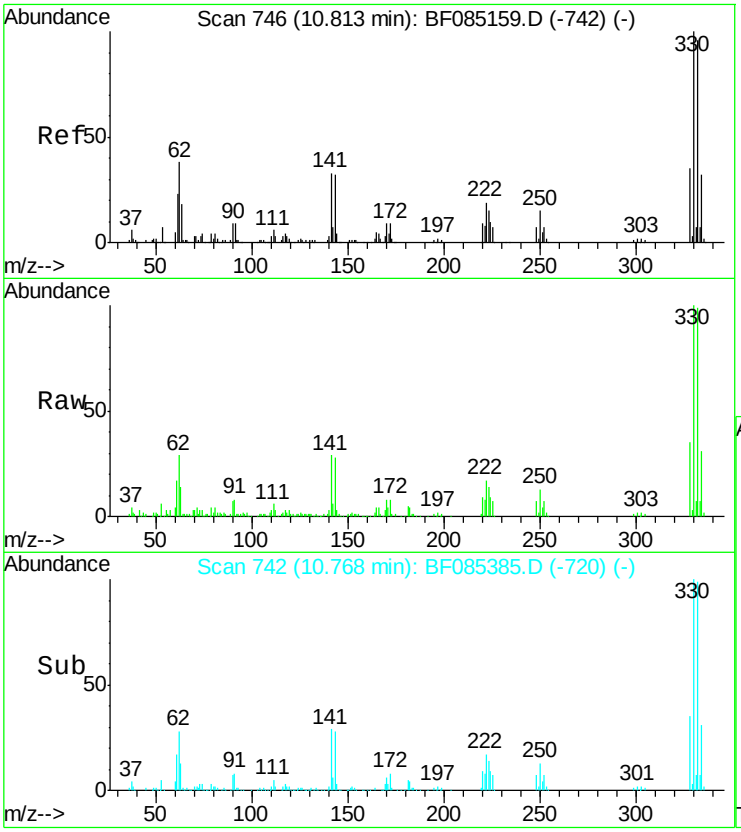


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Tgt Ion:164 Resp: 231357

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.3	124.9
160	47.6	37.9	56.9



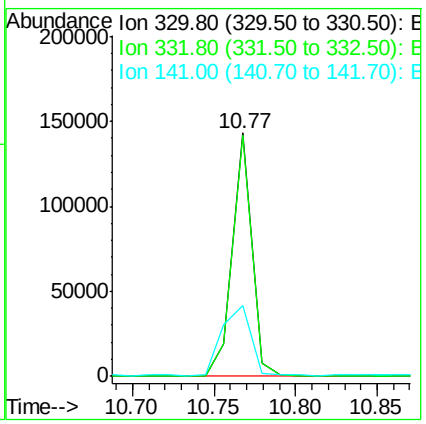


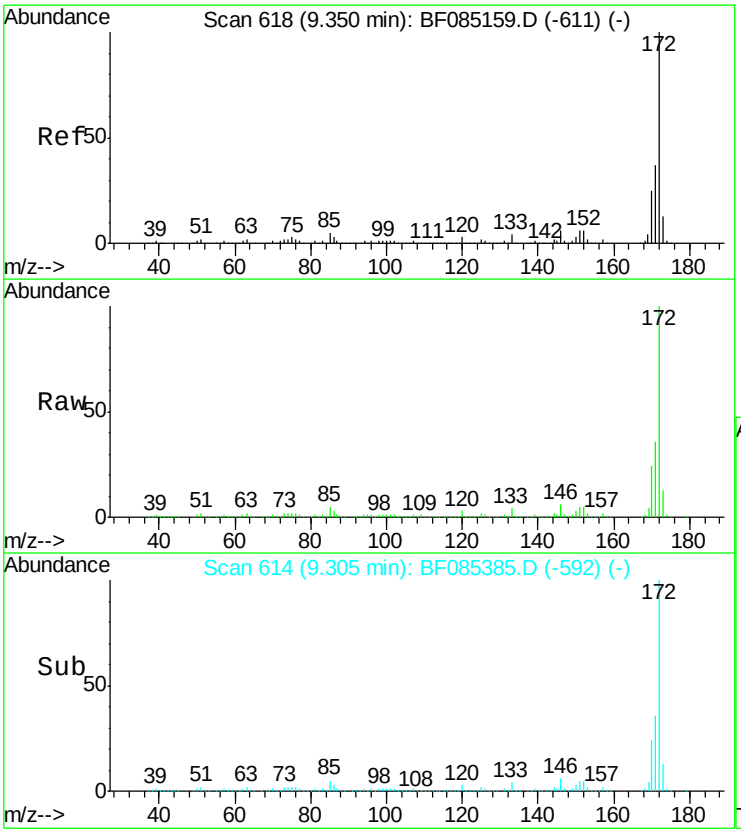
#41
2,4,6-Tribromophenol
Concen: 59.35 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Tgt Ion:330 Resp: 117498

Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.1	115.7
141	42.9	35.0	52.6

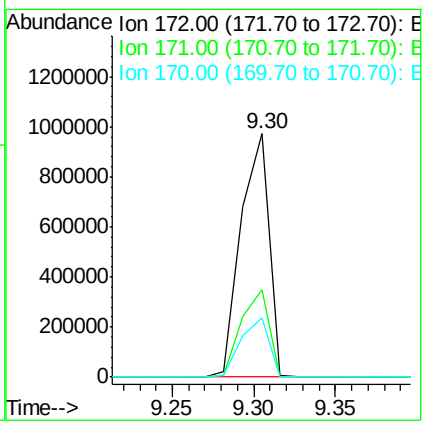


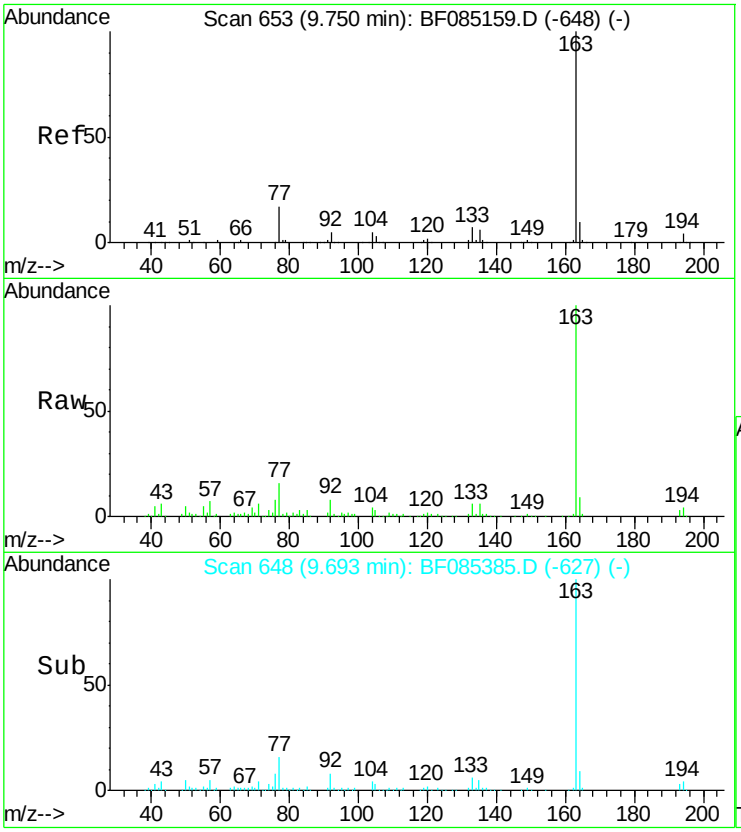


#44
2-Fluorobiphenyl
Concen: 76.14 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Tgt Ion:172 Resp: 1158218

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	24.2	20.0	30.0



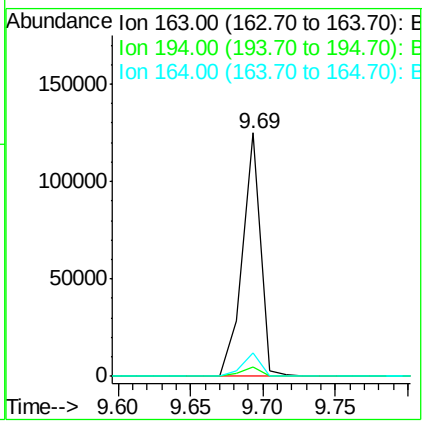


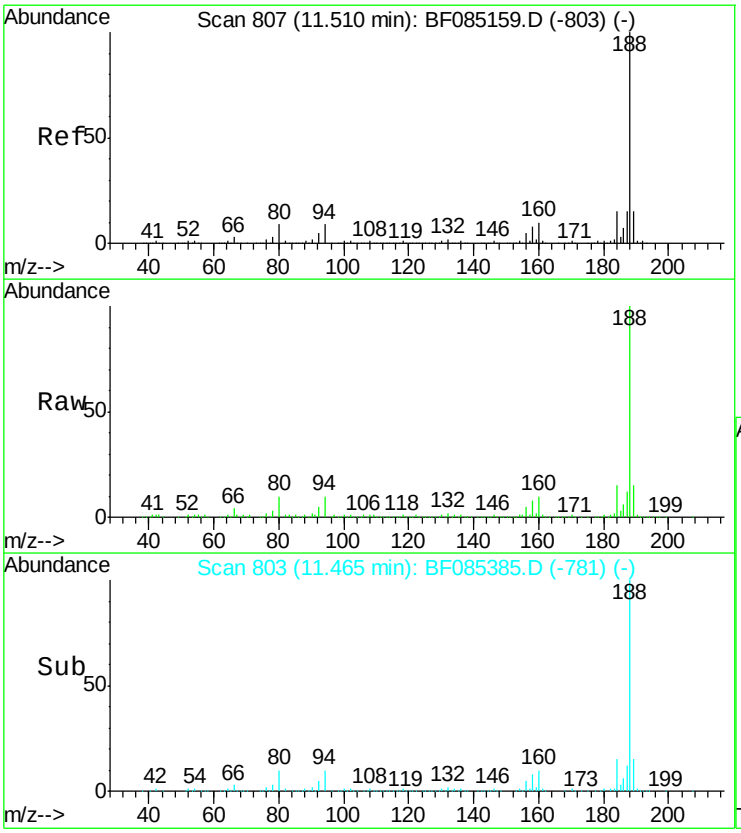
#49
Dimethylphthalate
Concen: 6.12 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Tgt Ion:163 Resp: 108712

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.4	8.2	12.4

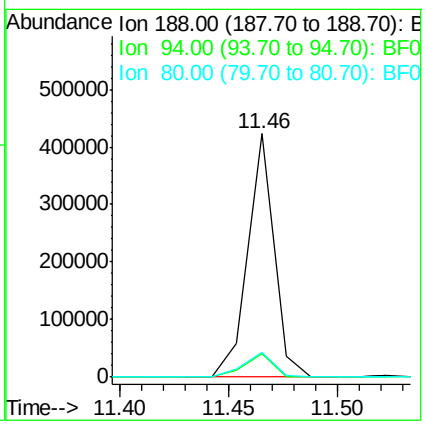


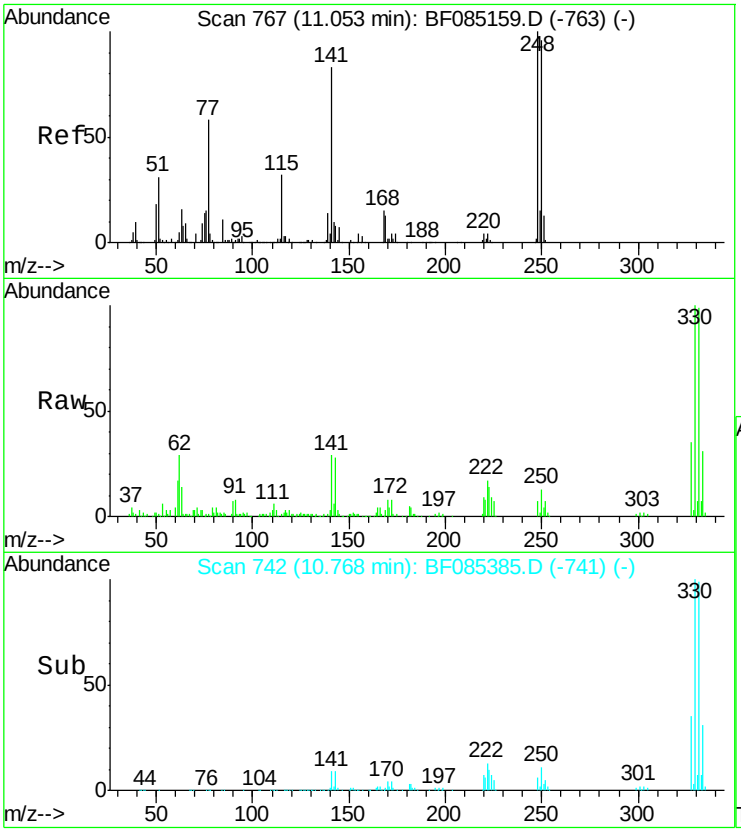


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Tgt Ion:188 Resp: 356241

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.6
80	10.2	7.4	11.0



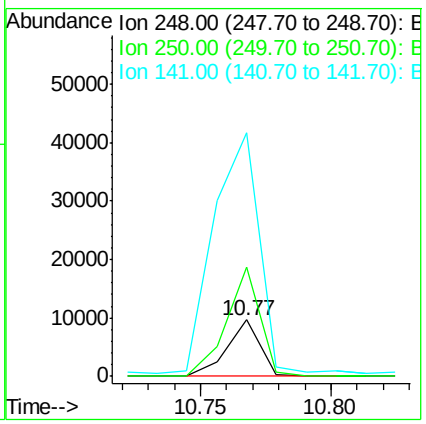


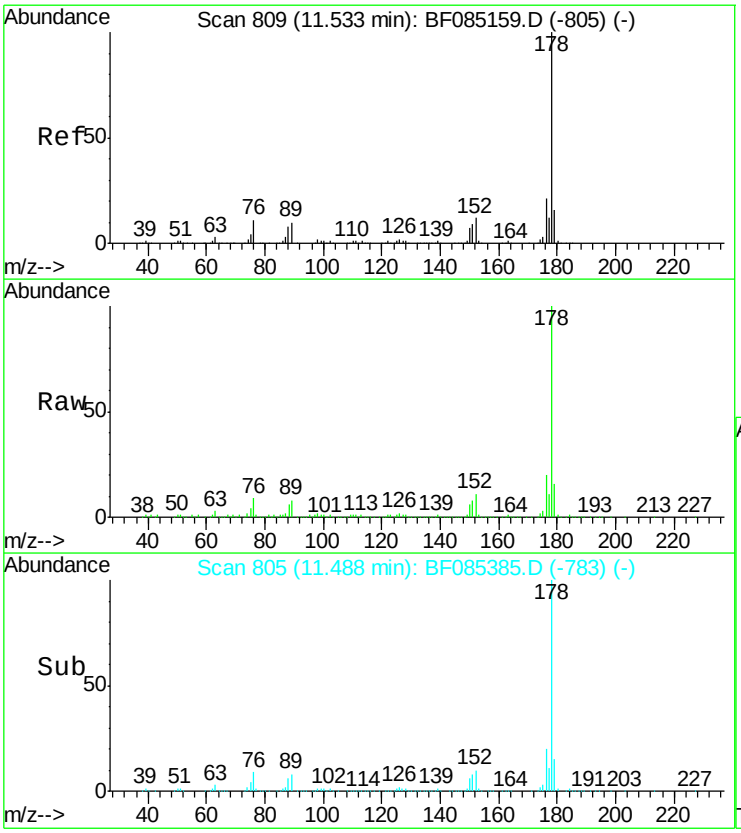
#66
4-Bromophenyl-phenylether
Concen: 2.48 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.29 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Tgt Ion:248 Resp: 8578

Ion	Ratio	Lower	Upper
248	100		
250	192.3	77.1	115.7#
141	430.1	66.2	99.2#

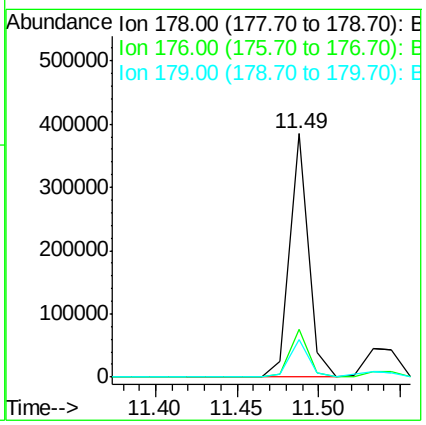


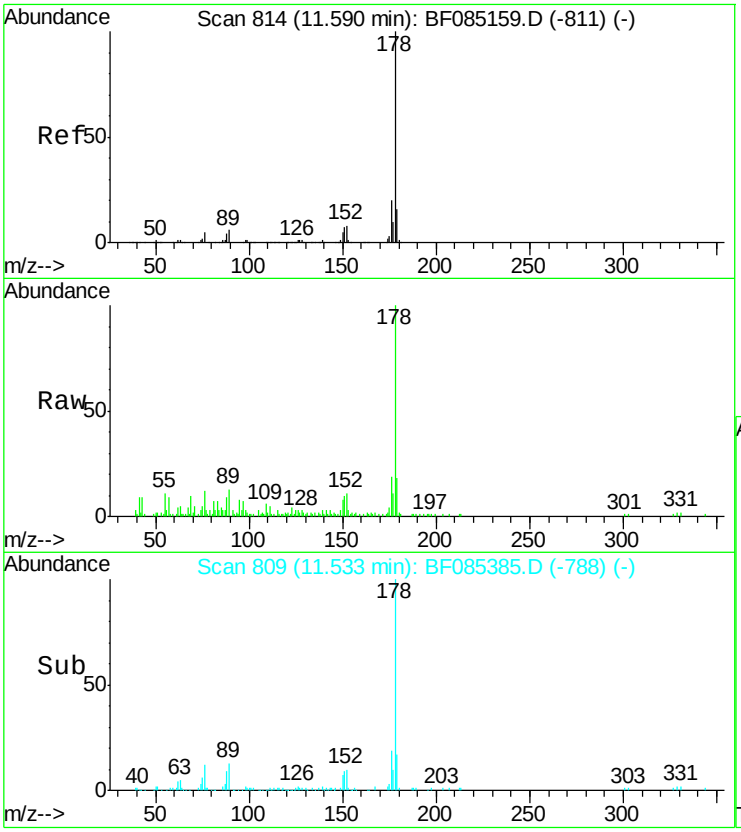


#70
Phenanthrene
Concen: 16.62 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Tgt Ion:178 Resp: 310221

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.8	25.2
179	15.5	13.1	19.7



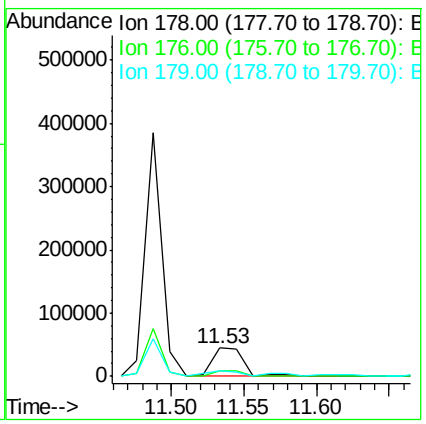


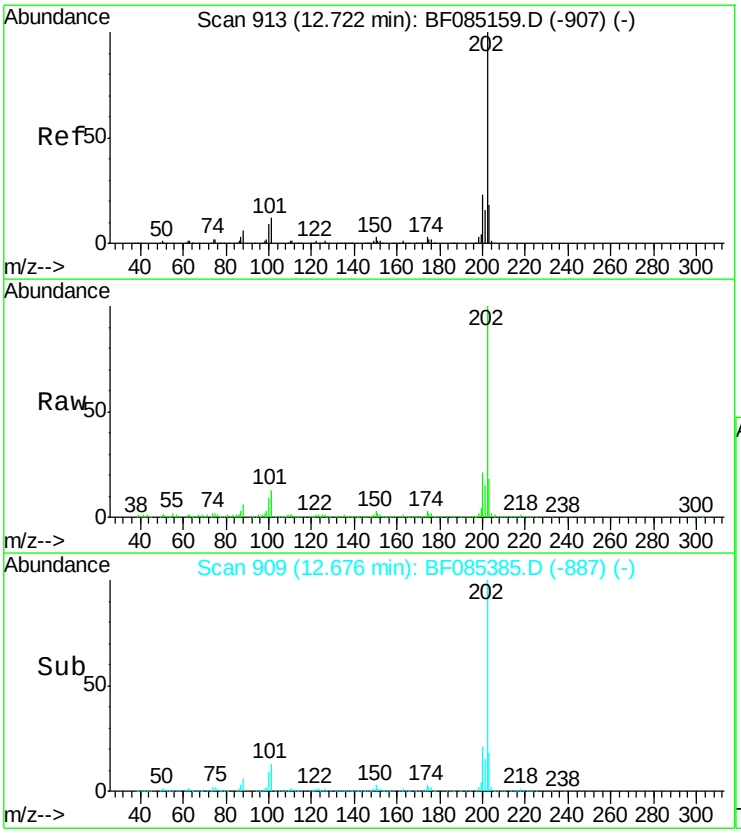
#71
Anthracene
Concen: 3.13 ng
RT: 11.53 min Scan# 809
Delta R.T. -0.06 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Tgt Ion:178 Resp: 61954

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	17.8	12.5	18.7

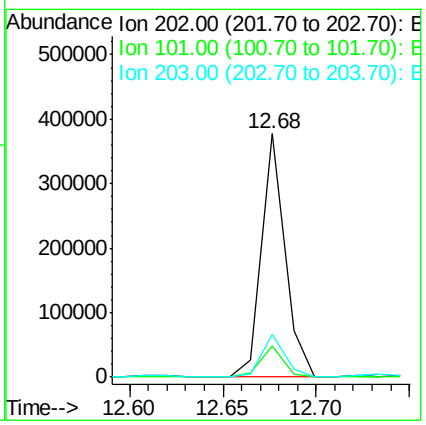


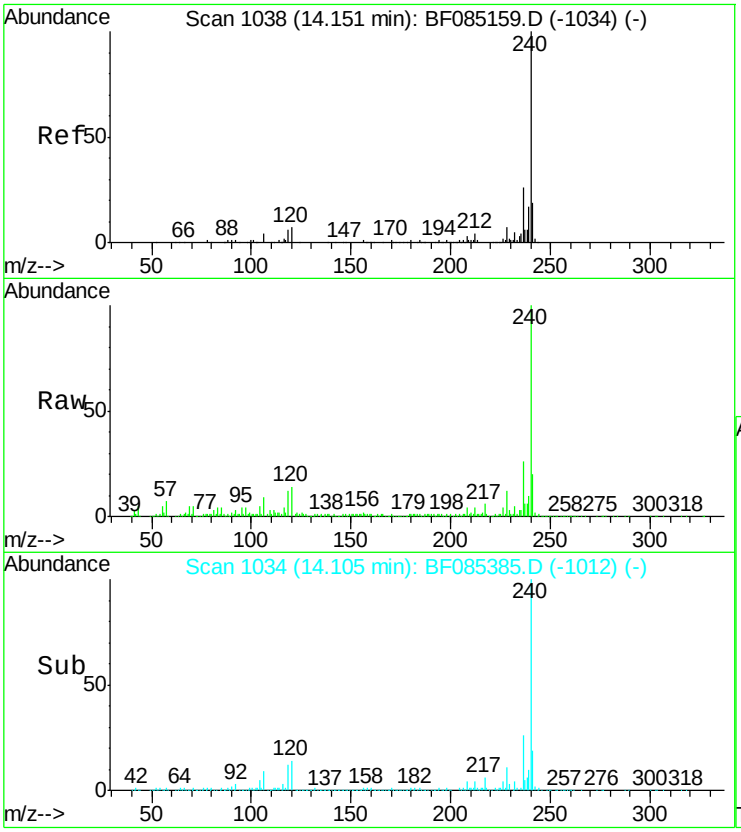


#74
Fluoranthene
Concen: 17.40 ng
RT: 12.68 min Scan# 909
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Tgt Ion:202 Resp: 326090

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.8
203	17.7	0.0	38.4



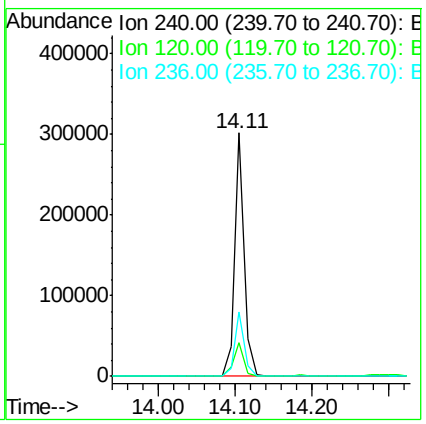


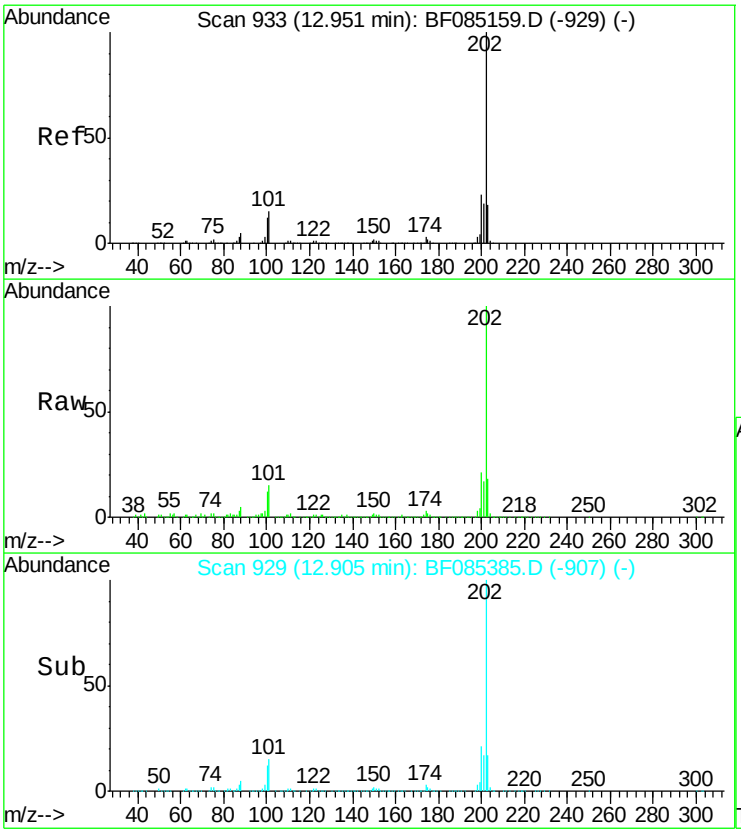
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Tgt Ion:240 Resp: 270564

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.3	7.9#
236	26.4	20.7	31.1

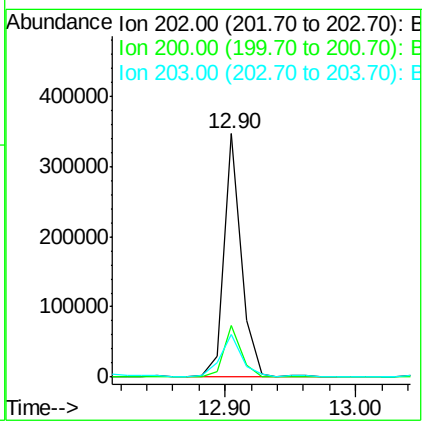


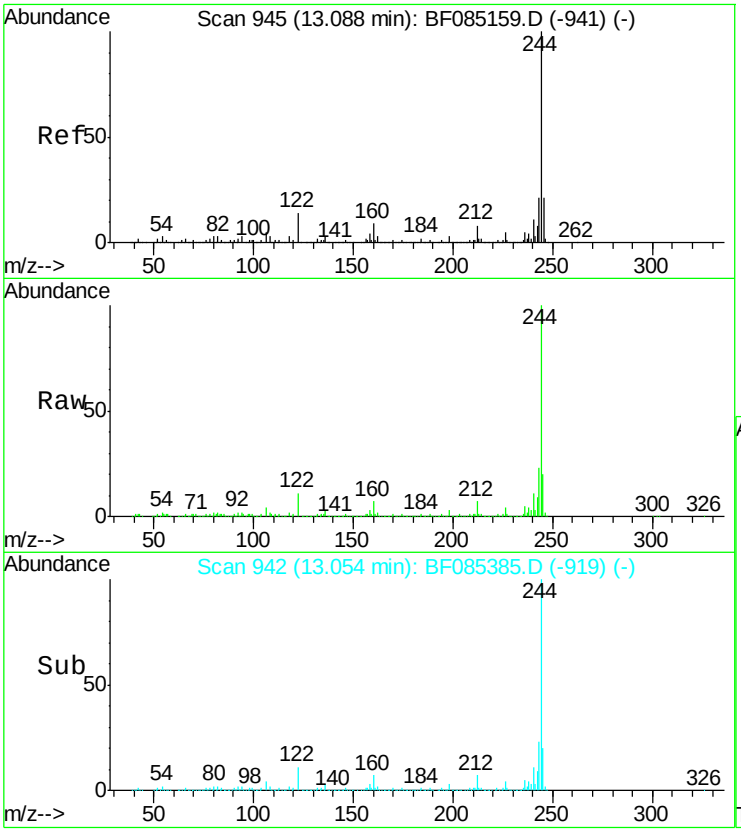


#77
Pyrene
Concen: 15.64 ng
RT: 12.90 min Scan# 929
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Tgt Ion:202 Resp: 318516

Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.2	27.4
203	17.6	14.7	22.1



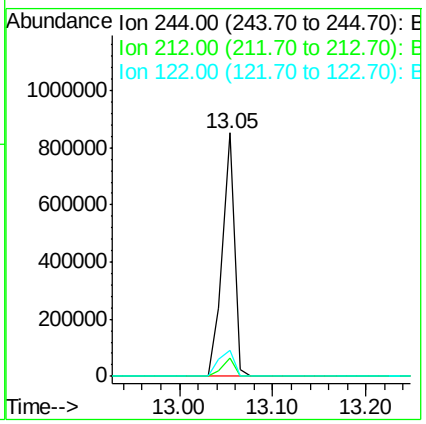


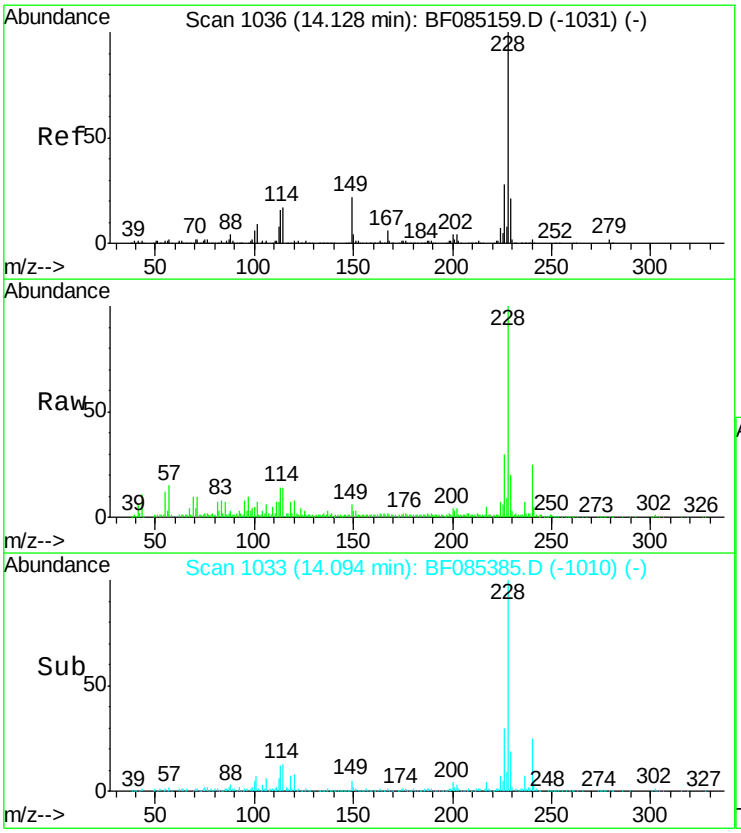
#78
Terphenyl-d14
Concen: 65.94 ng
RT: 13.05 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Tgt Ion:244 Resp: 768557

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	10.9	11.4	17.2#

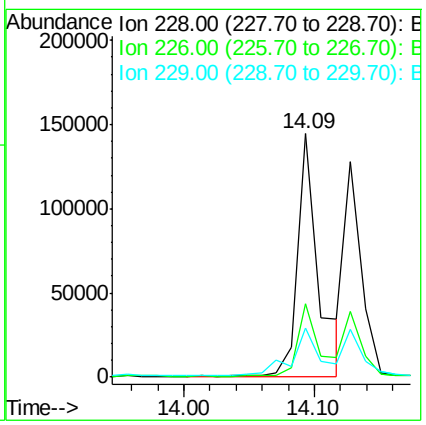


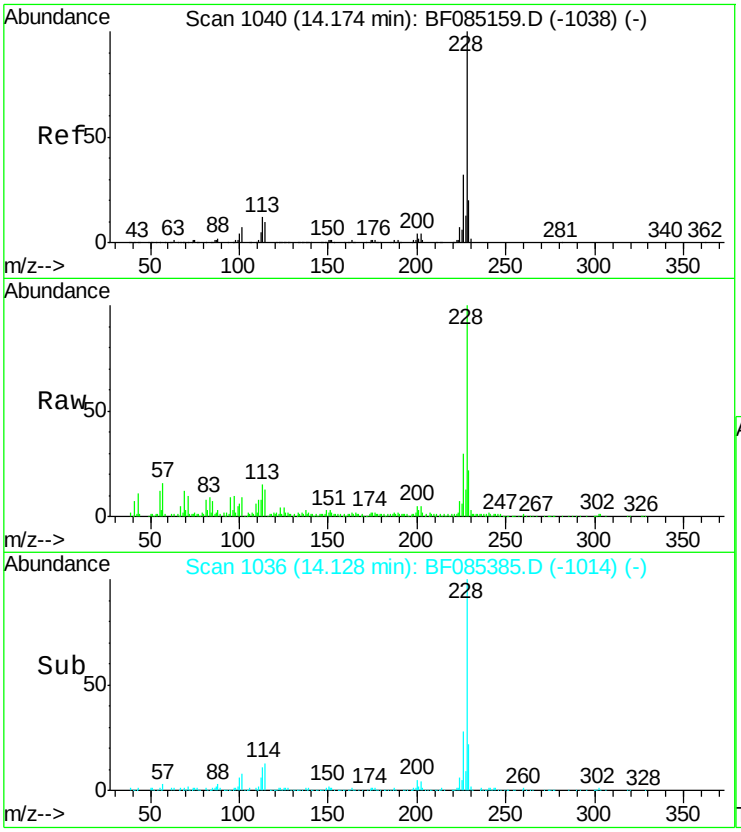


#80
Benzo(a)anthracene
Concen: 9.92 ng
RT: 14.09 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Tgt Ion:228 Resp: 160637

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.8	34.2
229	19.9	16.6	24.8



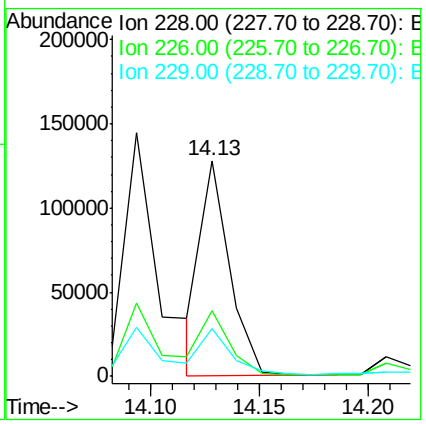


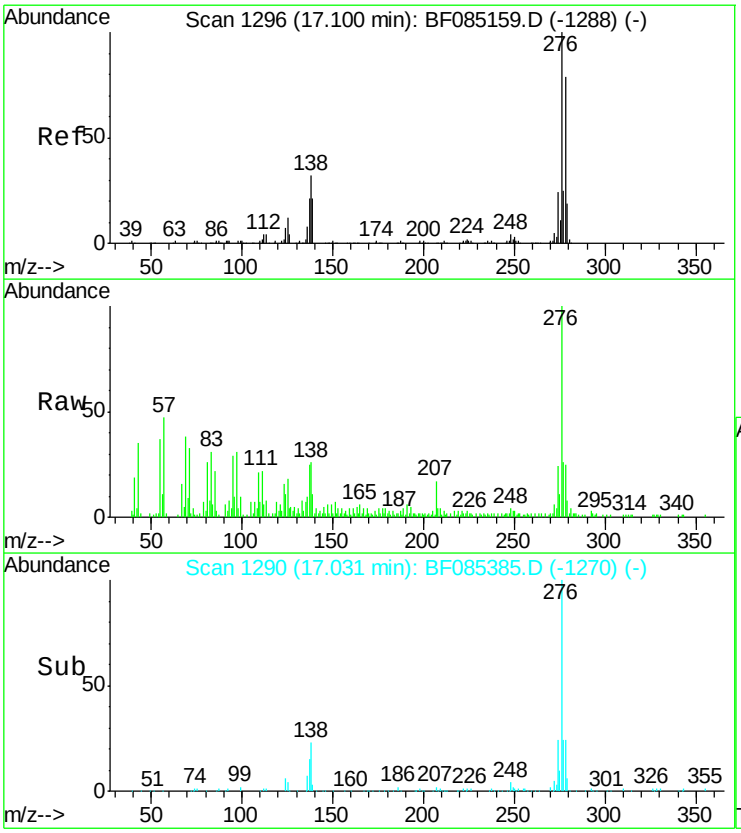
#82
Chrysene
Concen: 7.83 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Tgt Ion:228 Resp: 117089

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.2	37.8
229	22.2	16.0	24.0

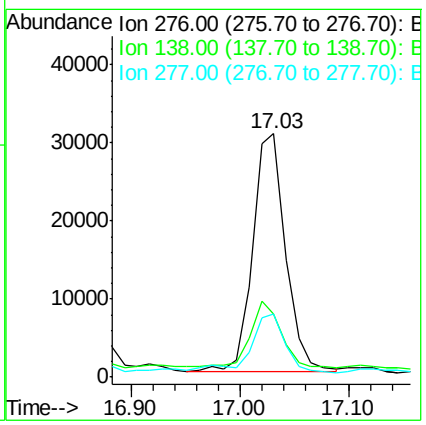


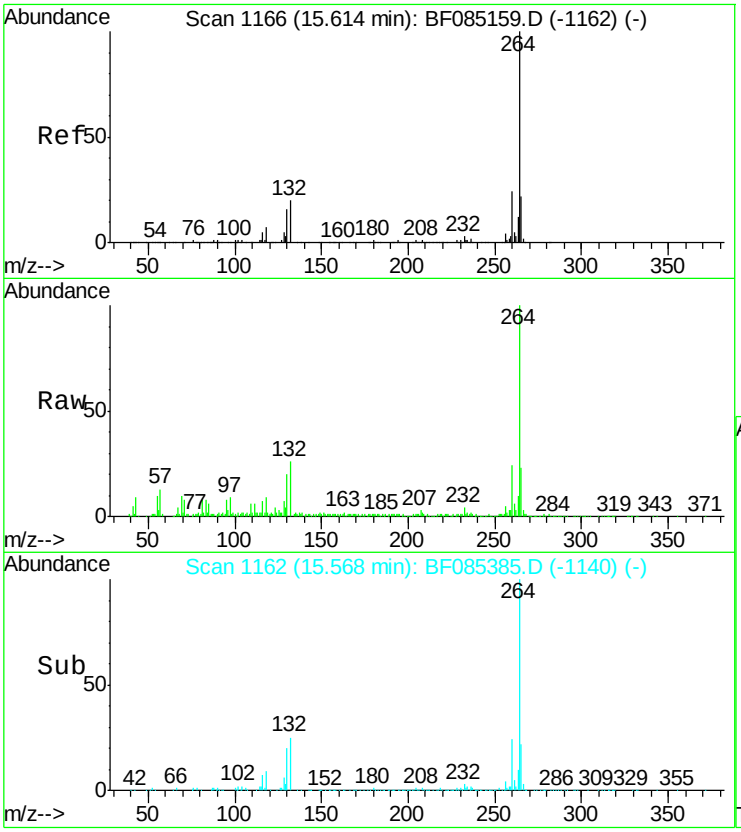


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.52 ng
RT: 17.03 min Scan# 1290
Delta R.T. -0.07 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Tgt Ion:276 Resp: 64483

Ion	Ratio	Lower	Upper
276	100		
138	27.7	26.4	39.6
277	28.4	20.2	30.2



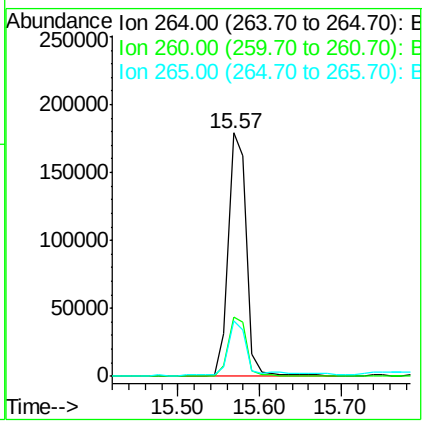


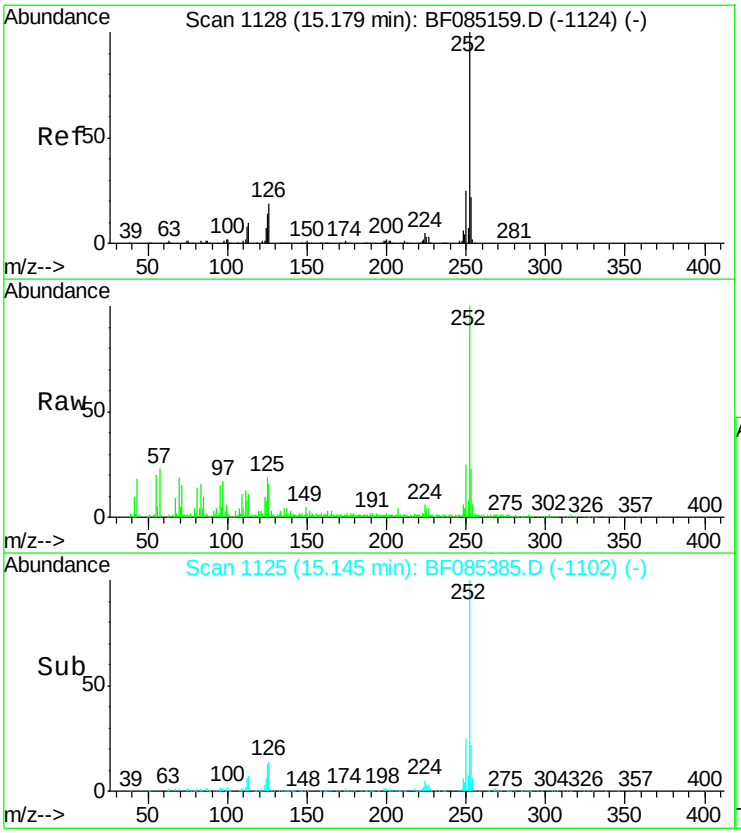
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Tgt Ion:264 Resp: 271917

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.7	17.3	25.9

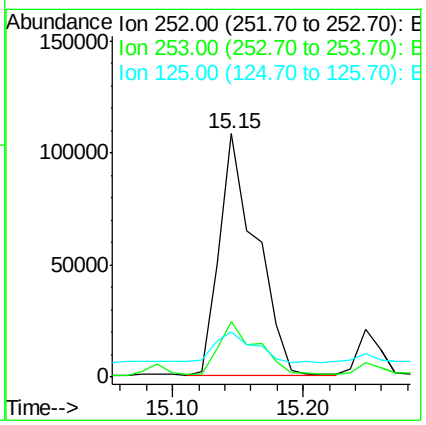


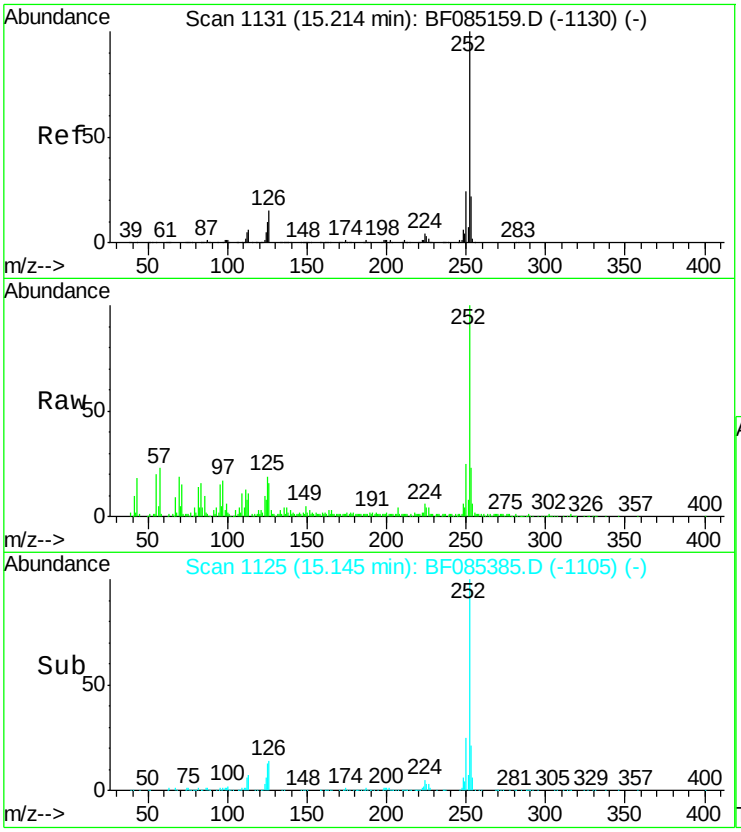


#87
Benzo(b)fluoranthene
Concen: 11.78 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Tgt Ion:252 Resp: 213421

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	18.8	11.3	16.9#



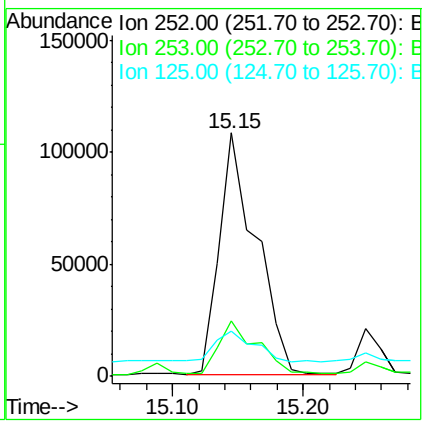


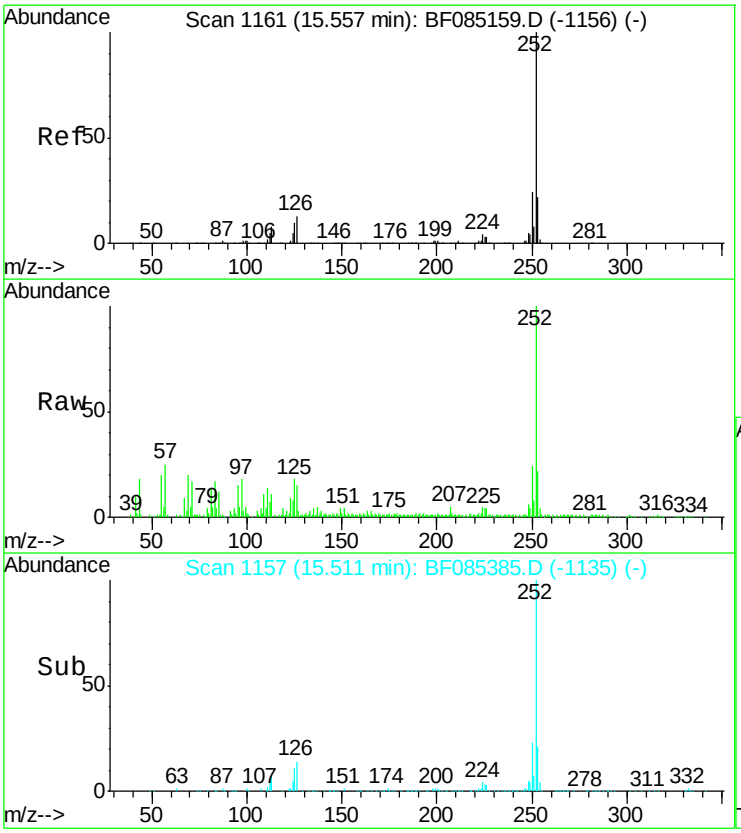
#88
Benzo(k)fluoranthene
Concen: 14.60 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.07 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Tgt Ion:252 Resp: 213421

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	18.8	10.4	15.6#

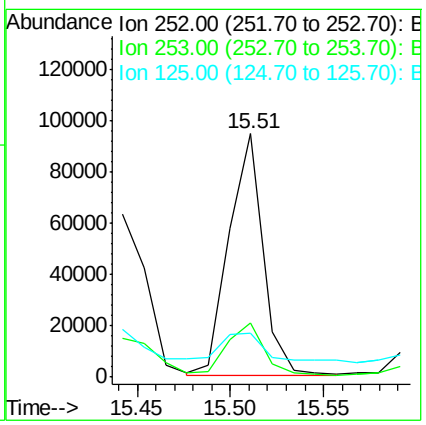


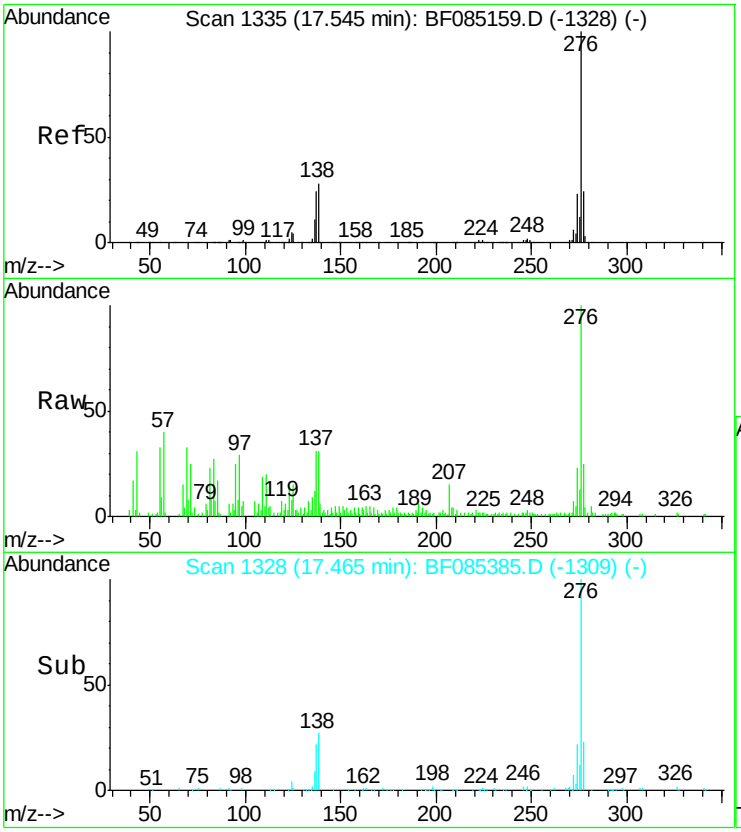


#89
Benzo(a)pyrene
Concen: 8.02 ng
RT: 15.51 min Scan# 1157
Delta R.T. -0.05 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Tgt Ion:252 Resp: 120504

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	17.9	8.2	12.4#





#91
Benzo(g,h,i)perylene
Concen: 4.82 ng
RT: 17.47 min Scan# 1328
Delta R.T. -0.08 min
Lab File: BF085385.D
Acq: 11 Mar 2016 21:27

Instrument :
BNA_F
ClientSampleId :
POST-EX-17-20160309

Tgt Ion:276 Resp: 62179

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.4
138	31.0	22.5	33.7