Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011516\
Data File : BF084524.D
Acq On : 16 Jan 2016 7:13
Operator : SJ/UM
Sample : H1143-01 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-6-20160113

Quant Time: Jan 18 00:10:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	232397	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	921285	20.00	ng		-0.01
38) Acenaphthene-d10	9.86	164	387201	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	664908	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	542312	20.00	ng		-0.01
86) Perylene-d12	15.40	264	540304	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	385354	26.82	ng		-0.01
7) Phenol-d6	6.45	99	465074	25.77	ng		-0.02
23) Nitrobenzene-d5	7.38	82	269821	16.30	ng		-0.02
41) 2,4,6-Tribromophenol	10.65	330	84428	21.60	ng		-0.02
44) 2-Fluorobiphenyl	9.18	172	502992	17.85	ng		-0.01
78) Terphenyl-d14	12.93	244	343930	14.16	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	36714	3.01	ng	#	70
50) 2,6-Dinitrotoluene	9.86	165	49143	8.09	ng	#	38
54) Dibenzofuran	10.06	168	9005	Below Cal		#	88
56) 2,4-Dinitrotoluene	9.86	165	49388	6.43	ng	#	22
57) Fluorene	10.41	166	13090	Below Cal		#	86
70) Phenanthrene	11.37	178	225288	6.48	ng		99
73) Di-n-butylphthalate	11.92	149	5484	Below Cal		#	86
74) Fluoranthene	12.56	202	328291	9.04	ng		97
77) Pyrene	12.78	202	311523	7.32	ng		97
80) Benzo(a)anthracene	13.97	228	181500	5.70	ng		96
82) Chrysene	14.01	228	114196	3.73	ng		97
85) Indeno(1,2,3-cd)pyrene	16.77	276	84862	3.50	ng		97
87) Benzo(b)fluoranthene	15.00	252	252185	7.14	ng	#	96
88) Benzo(k)fluoranthene	15.00	252	252185	8.72	ng		97
89) Benzo(a)pyrene	15.35	252	135747	4.53	ng		96
91) Benzo(g,h,i)perylene	17.19	276	79087	2.96	ng	#	95

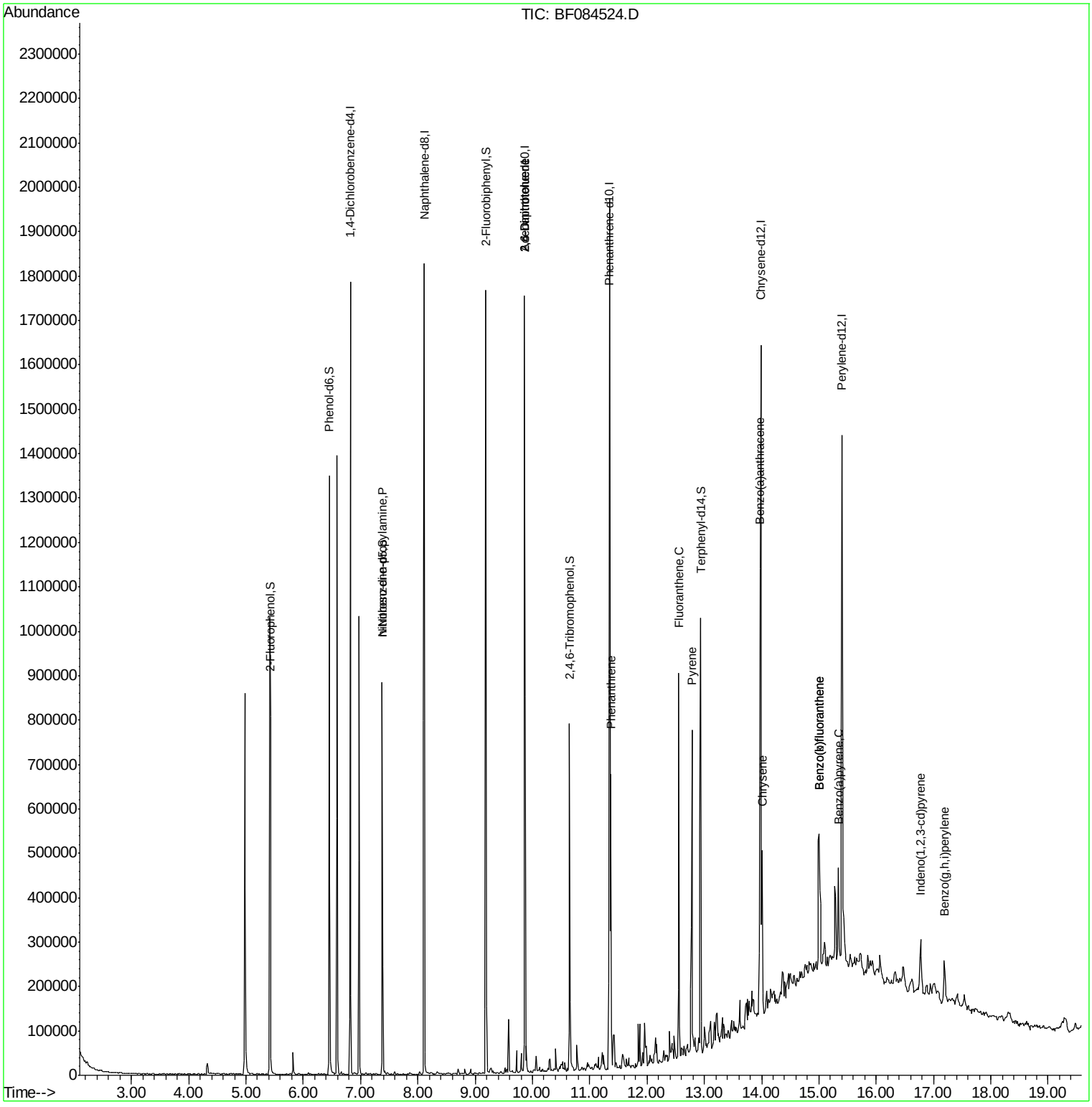
(#) = qualifier out of range (m) = manual integration (+) = signals summed

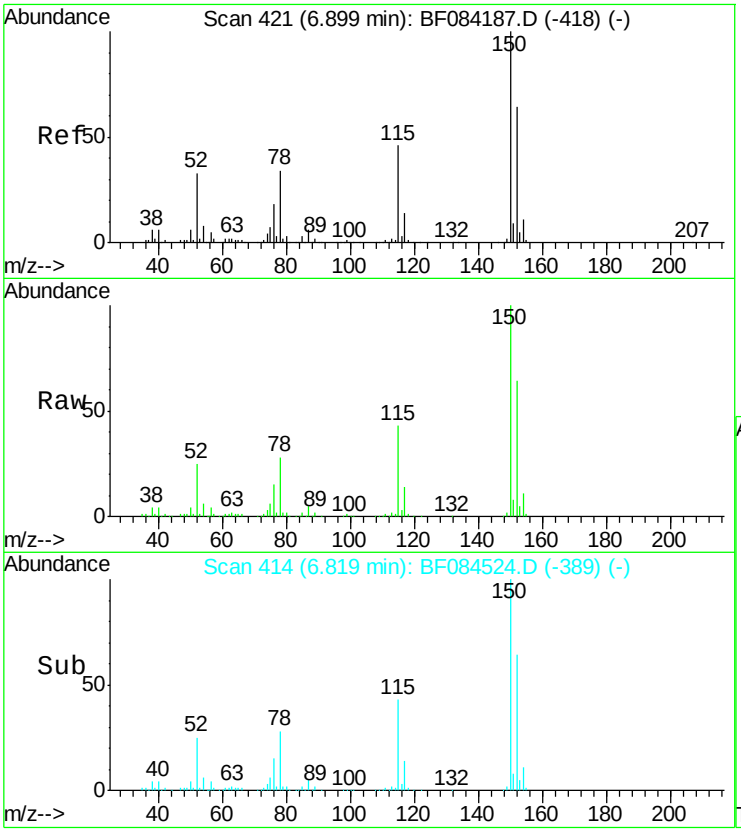
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011516\
Data File : BF084524.D
Acq On : 16 Jan 2016 7:13
Operator : SJ/UM
Sample : H1143-01 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Quant Time: Jan 18 00:10:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration



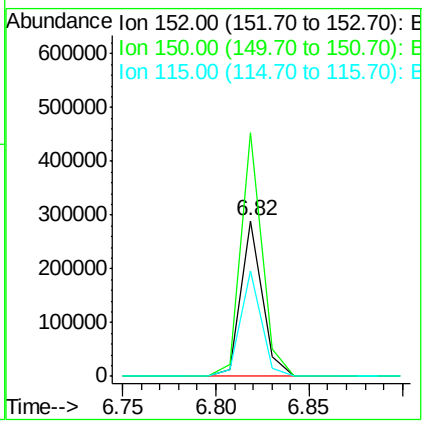


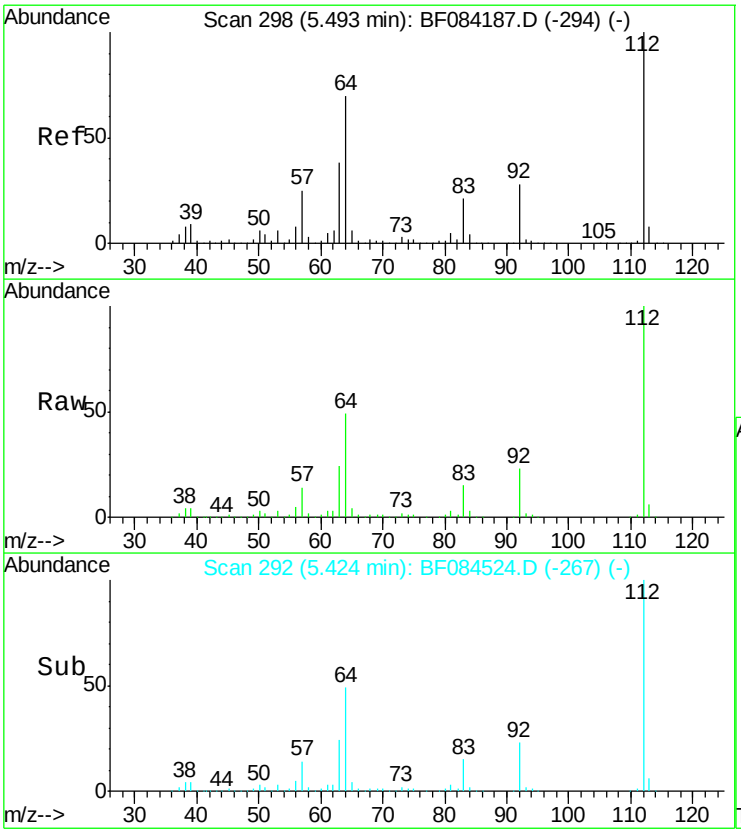
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:152 Resp: 232397

Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.0	184.4
115	67.5	51.4	77.2

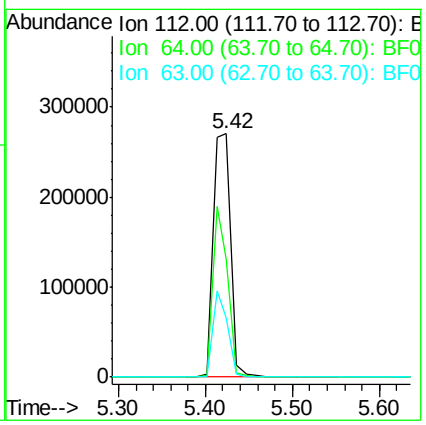


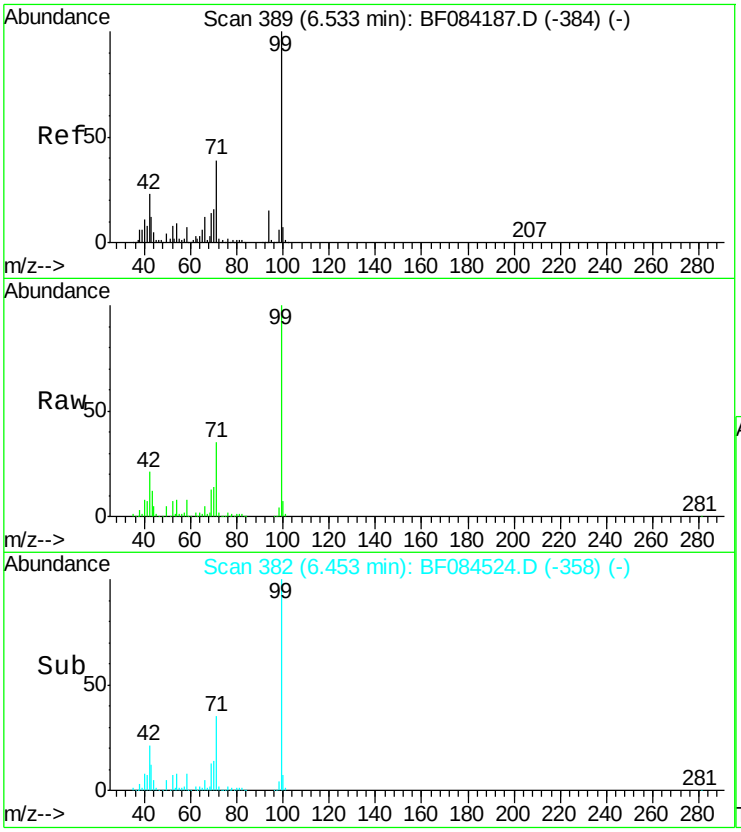


#5
2-Fluorophenol
Concen: 26.82 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.01 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Tgt Ion:112 Resp: 385354

Ion	Ratio	Lower	Upper
112	100		
64	48.7	36.6	55.0
63	24.2	19.4	29.0



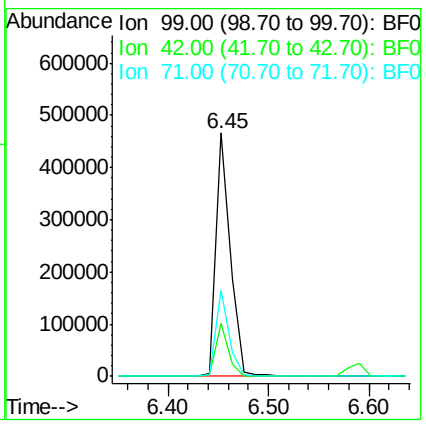


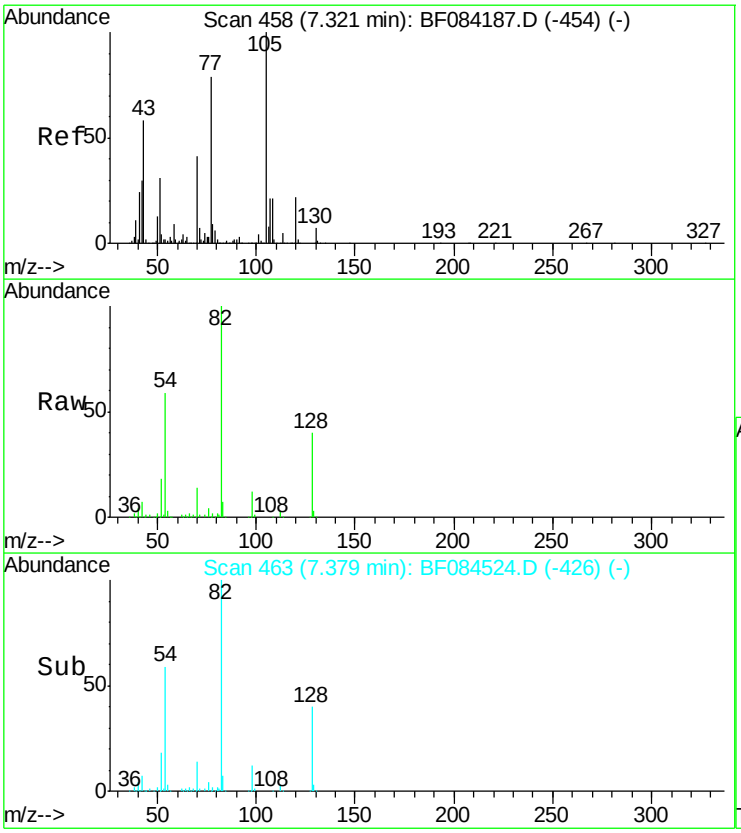
#7
Phenol-d6
Concen: 25.77 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion: 99 Resp: 465074

Ion	Ratio	Lower	Upper
99	100		
42	21.5	12.8	19.2#
71	35.5	30.9	46.3

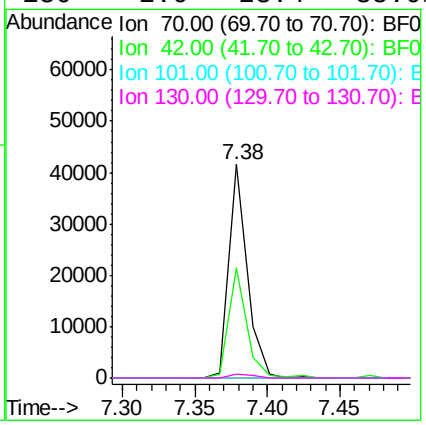


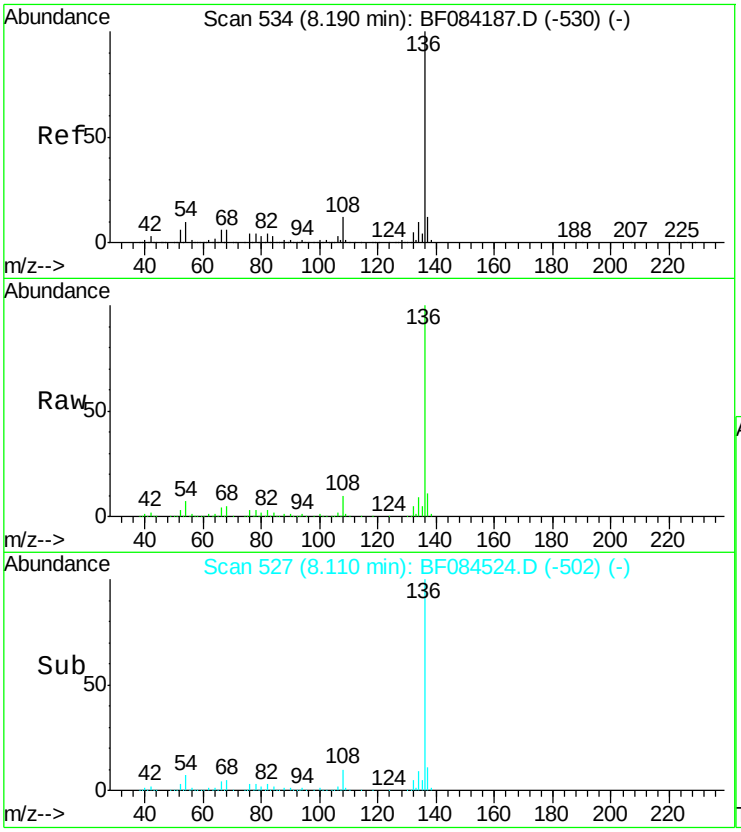


#19
n-Nitroso-di-n-propylamine
Concen: 3.01 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.13 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Tgt Ion: 70 Resp: 36714

Ion	Ratio	Lower	Upper
70	100		
42	51.6	33.3	49.9#
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#



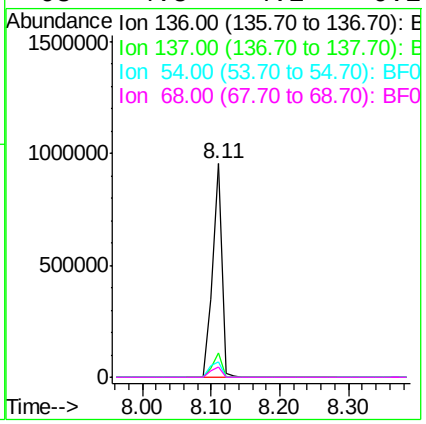


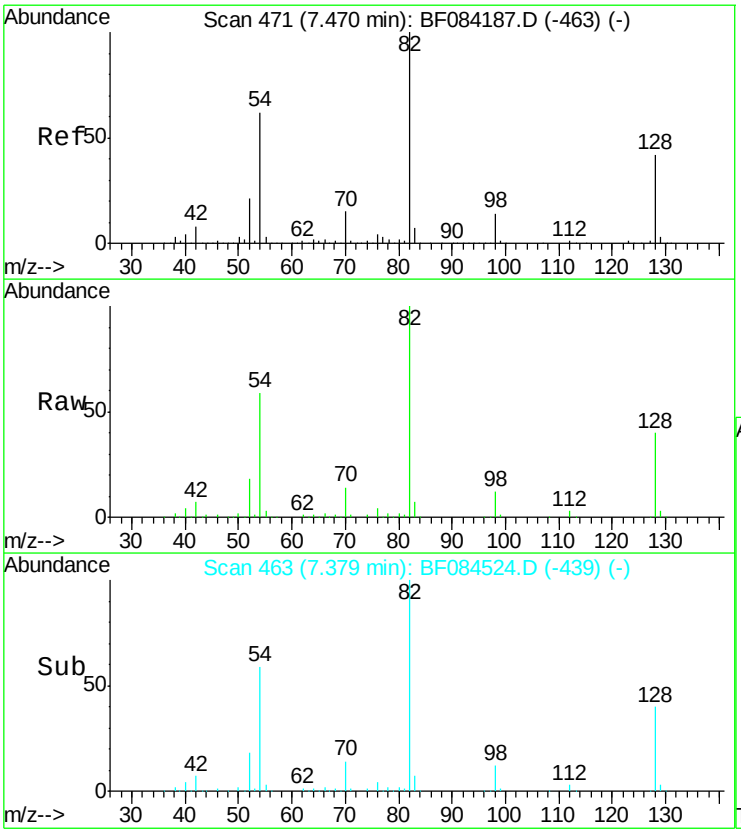
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:136 Resp: 921285

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.1	5.8	8.8
68	4.5	4.2	6.2

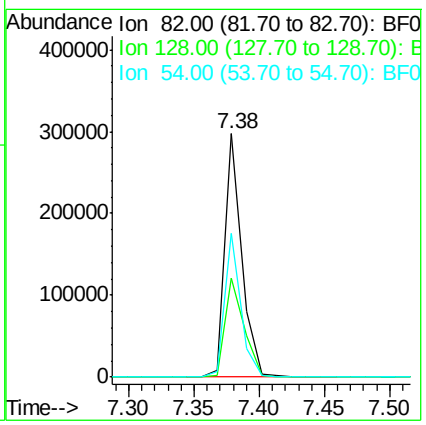


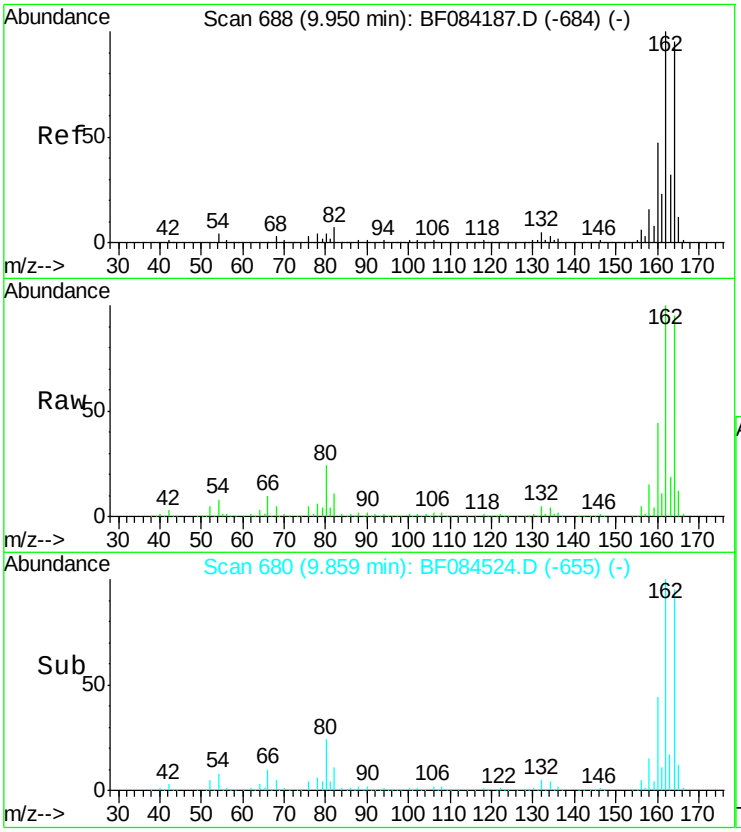


#23
Nitrobenzene-d5
Concen: 16.30 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Tgt Ion: 82 Resp: 269821

Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.6	51.8
54	59.0	38.4	57.6#



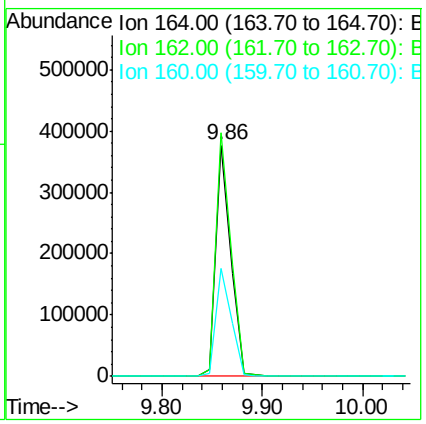


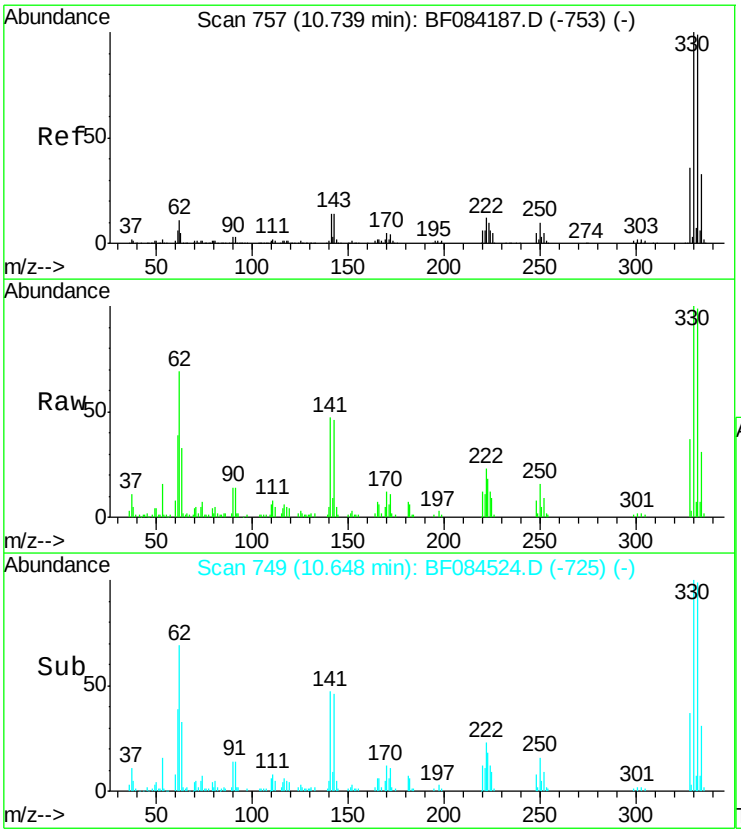
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:164 Resp: 387201

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.1	127.7
160	46.6	37.5	56.3

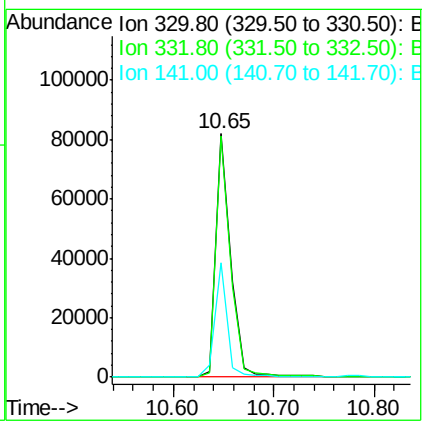


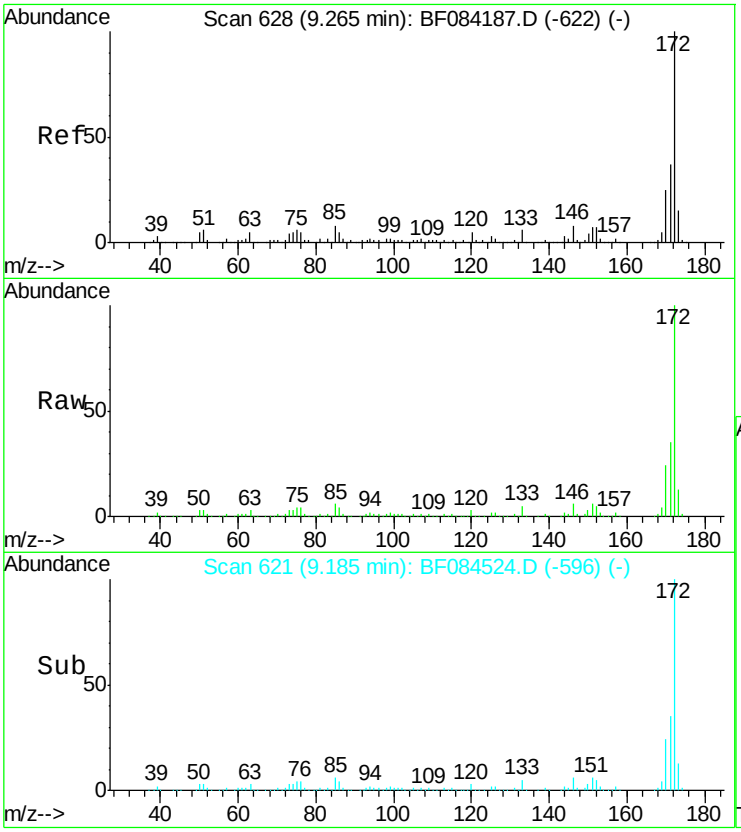


#41
2,4,6-Tribromophenol
Concen: 21.60 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Tgt Ion:330 Resp: 84428

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	38.6	27.8	41.6



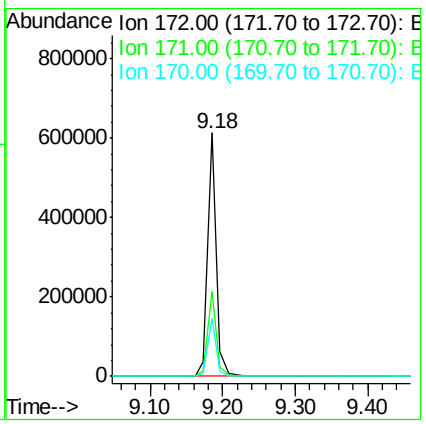


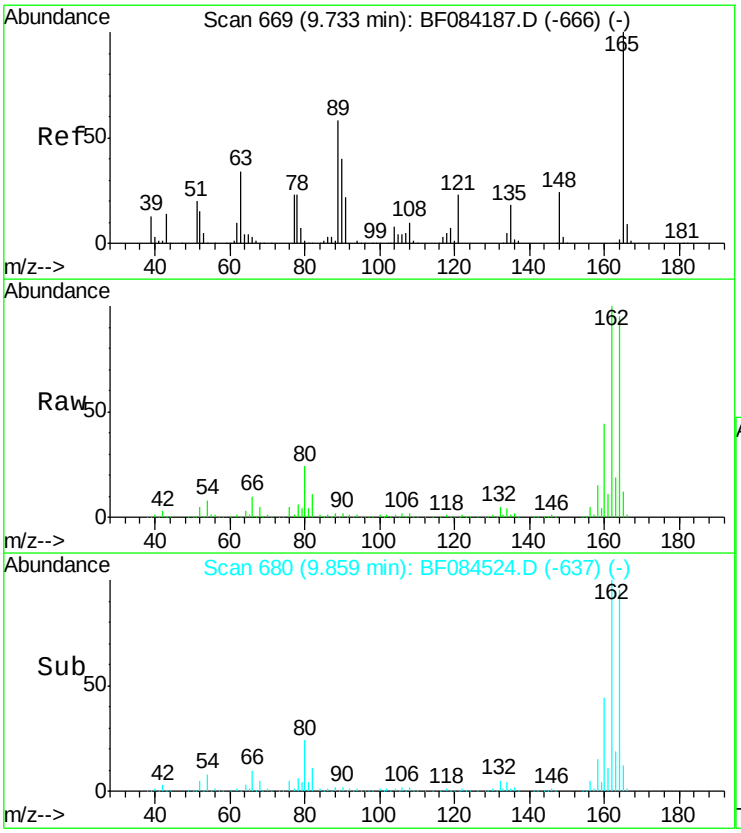
#44
2-Fluorobiphenyl
Concen: 17.85 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:172 Resp: 502992

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.9	43.3
170	23.7	18.6	27.8

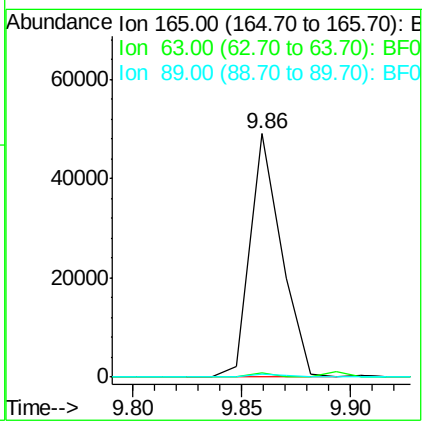


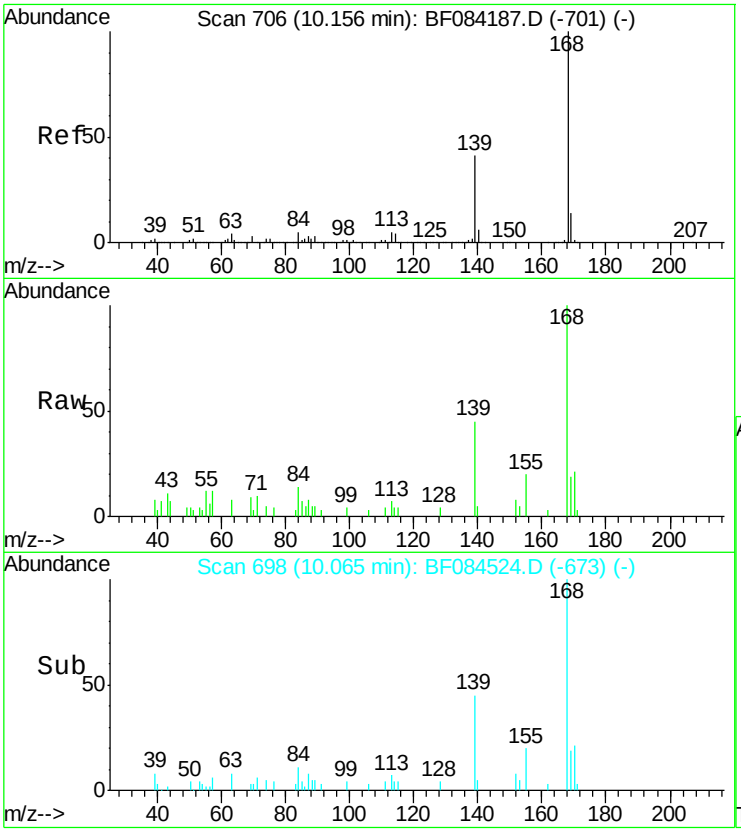


#50
2,6-Dinitrotoluene
Concen: 8.09 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.19 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Tgt Ion:165 Resp: 49143

Ion	Ratio	Lower	Upper
165	100		
63	1.9	28.8	43.2#
89	1.4	35.1	52.7#



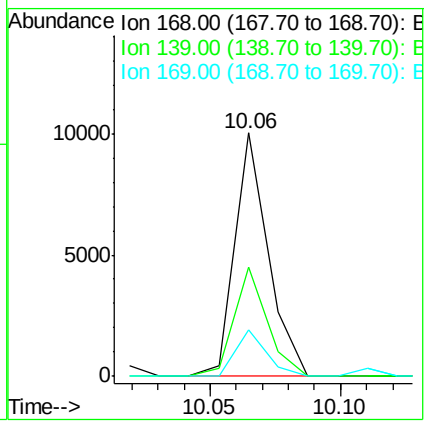


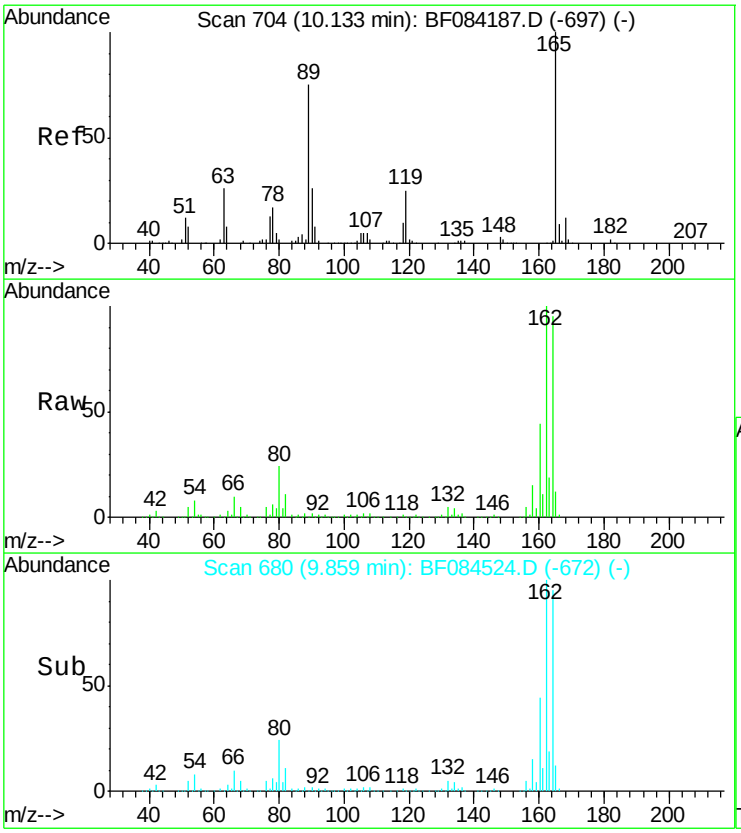
#54
Dibenzofuran
Concen: Below Cal
RT: 10.06 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:168 Resp: 9005

Ion	Ratio	Lower	Upper
168	100		
139	45.0	30.5	45.7
169	19.0	10.4	15.6#

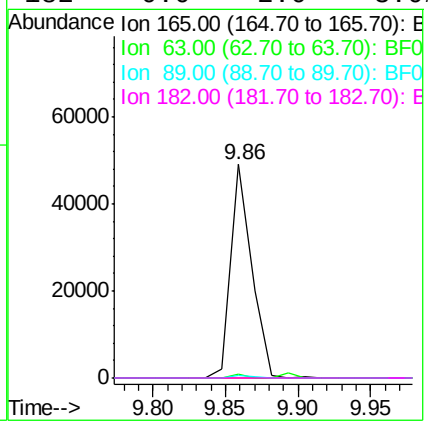


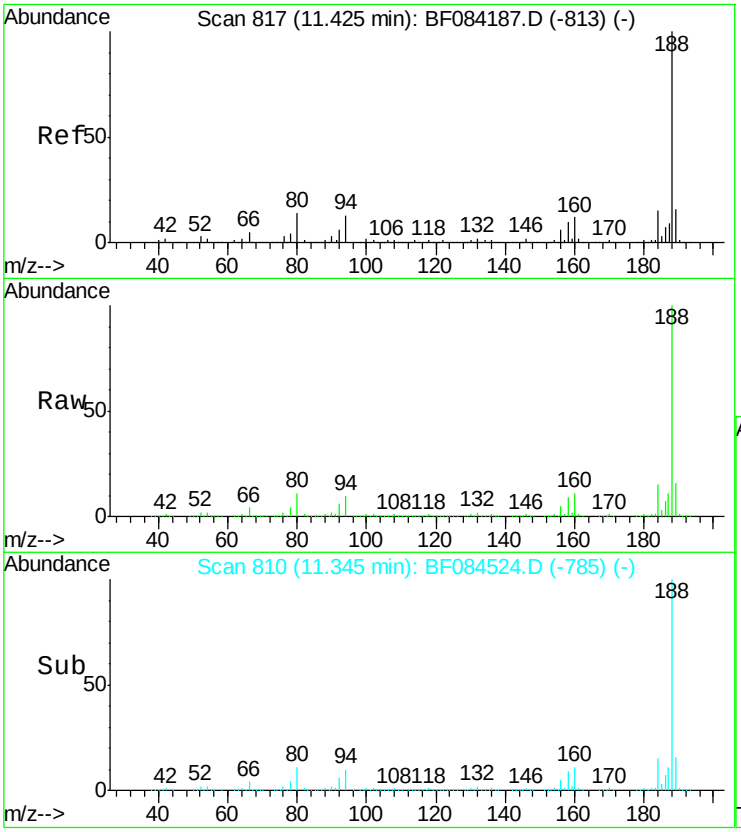


#56
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.21 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Tgt Ion:165 Resp: 49388

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.7	55.1#
89	1.4	61.9	92.9#
182	0.0	2.0	3.0#



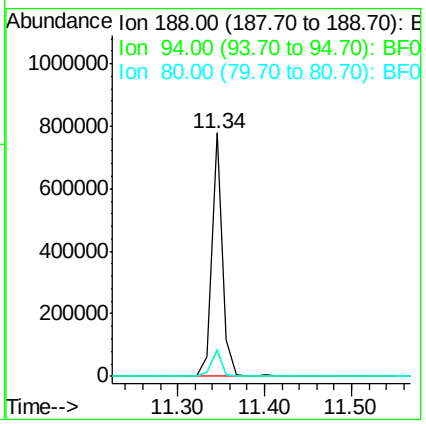


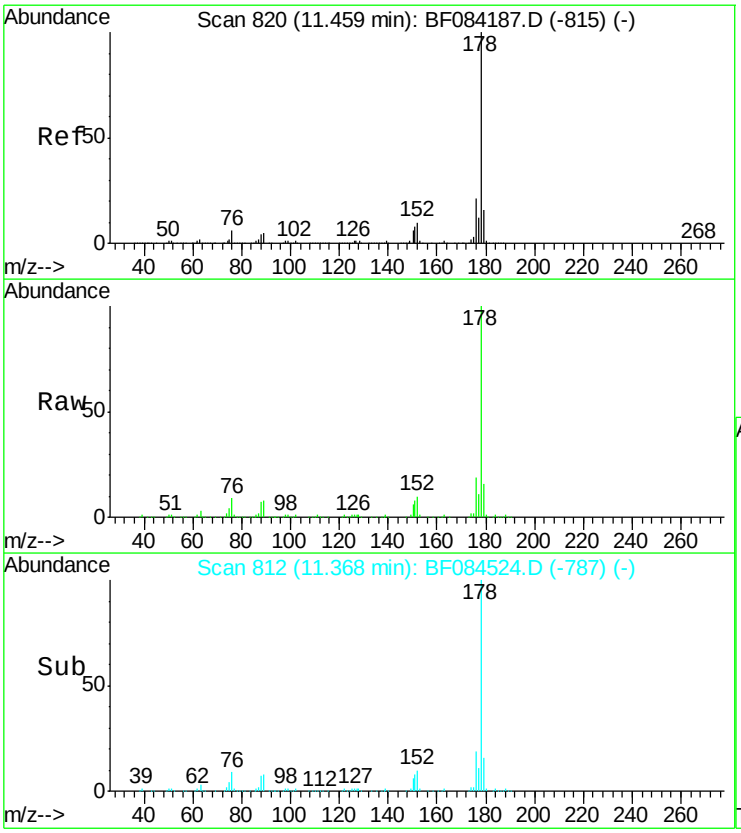
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:188 Resp: 664908

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.0	13.4
80	11.1	9.6	14.4

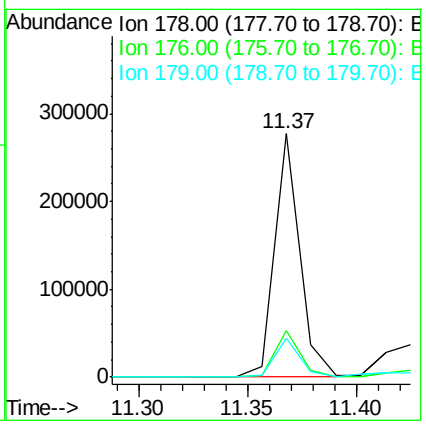


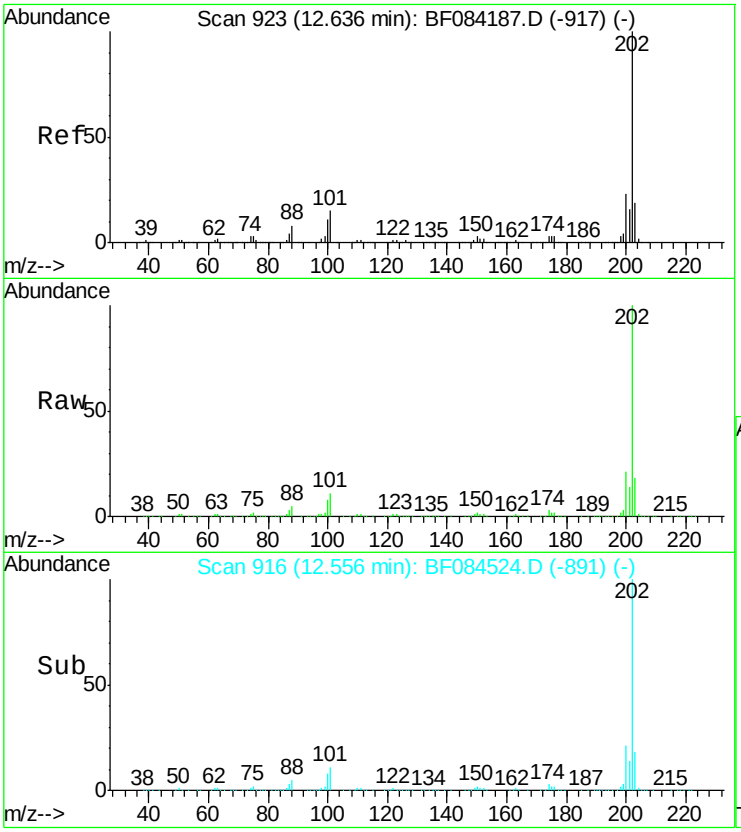


#70
Phenanthrene
Concen: 6.48 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Tgt Ion:178 Resp: 225288

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.9	12.0	18.0



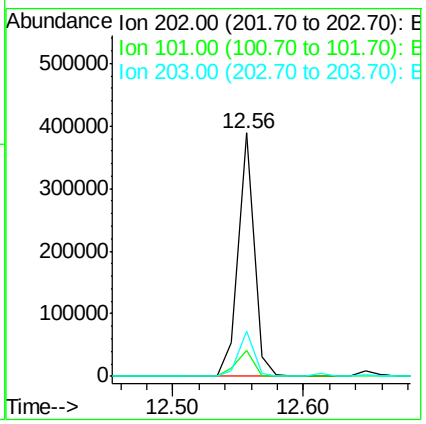


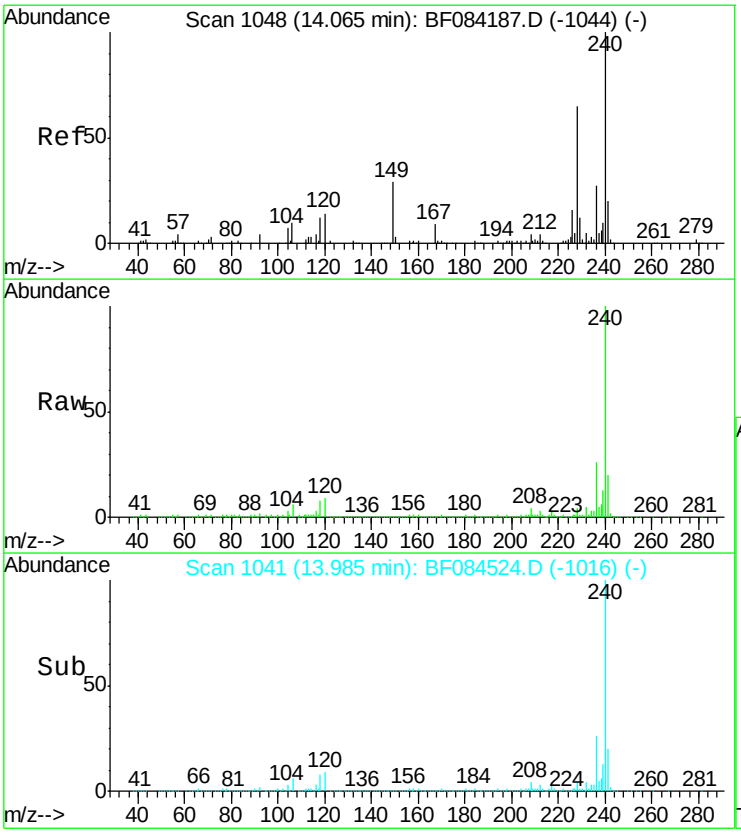
#74
Fluoranthene
Concen: 9.04 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:202 Resp: 328291

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	32.8
203	18.3	0.0	37.9

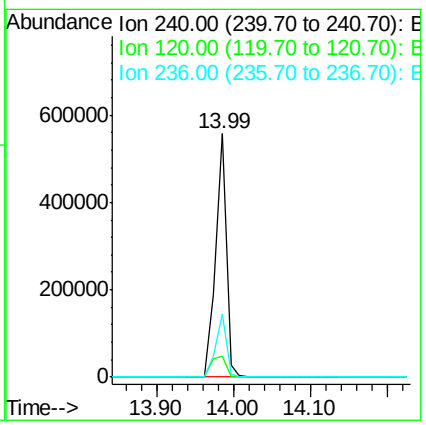


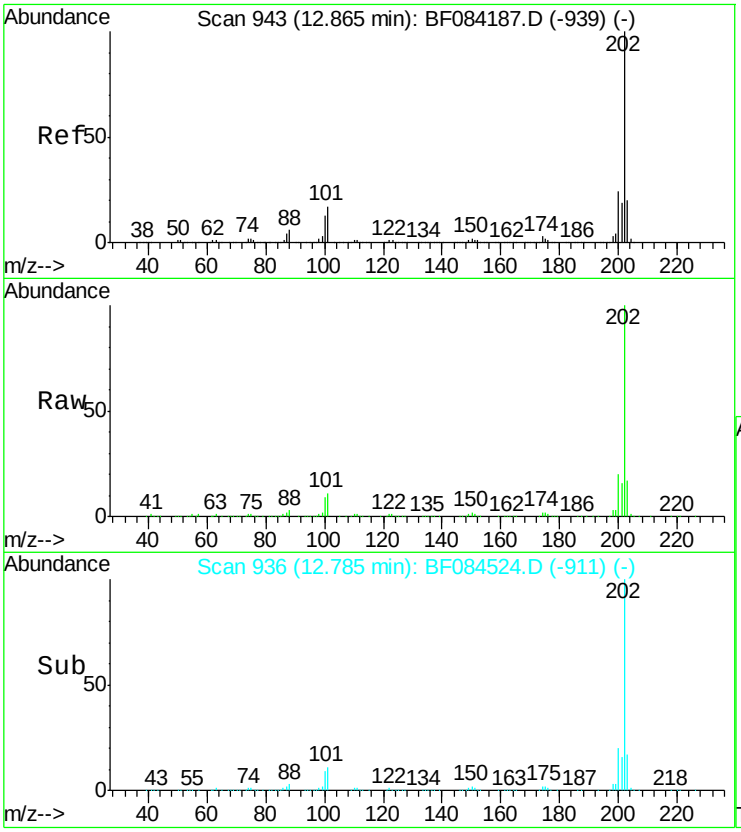


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Tgt Ion:240 Resp: 542312

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	26.0	20.6	31.0



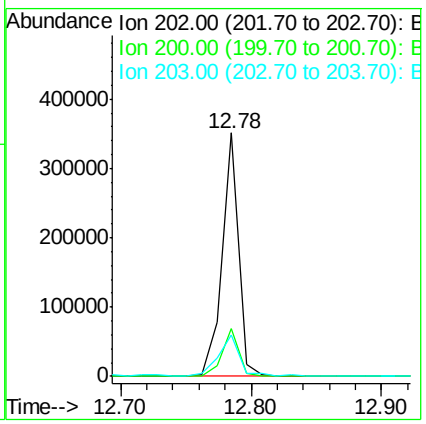


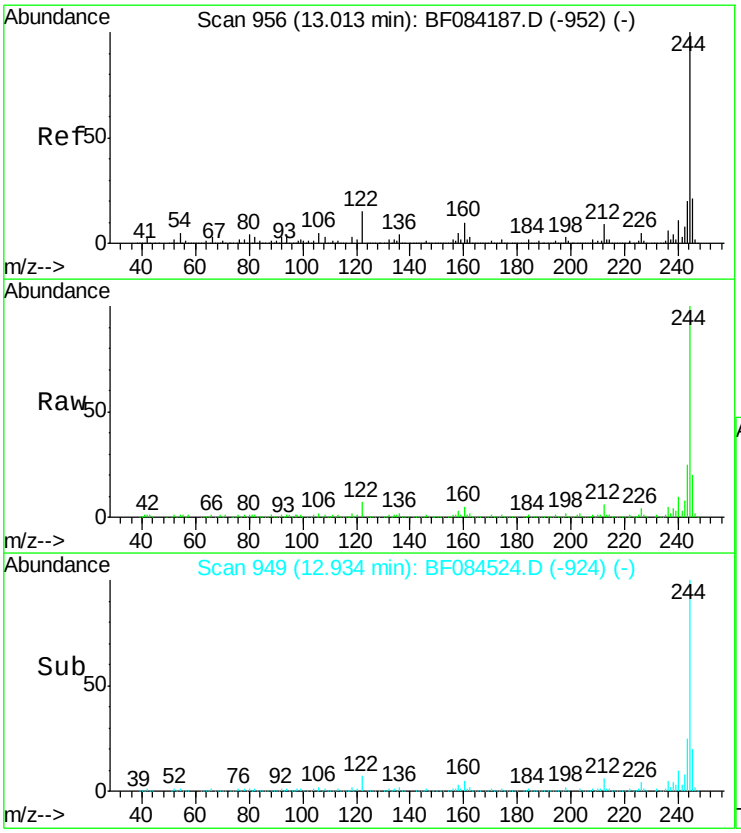
#77
Pyrene
Concen: 7.32 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:202 Resp: 311523

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.2	25.8
203	16.9	14.3	21.5

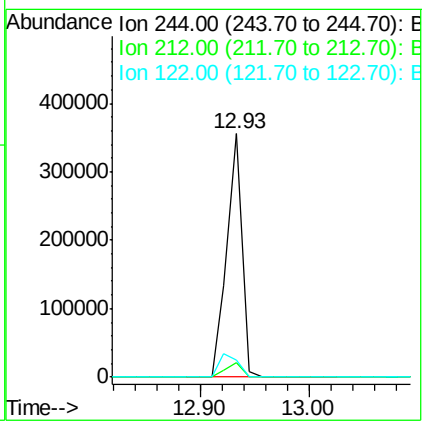


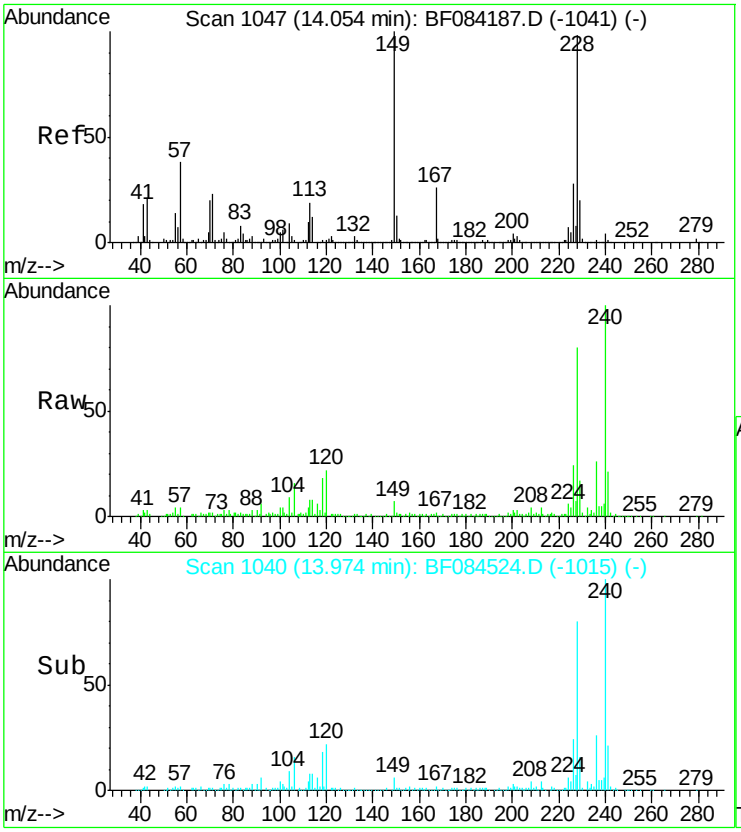


#78
Terphenyl-d14
Concen: 14.16 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Tgt Ion:244 Resp: 343930

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.7	8.5
122	7.2	7.4	11.0#



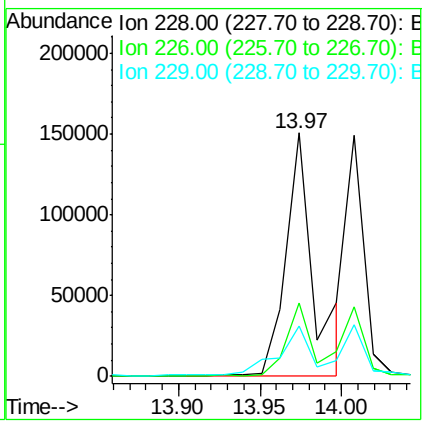


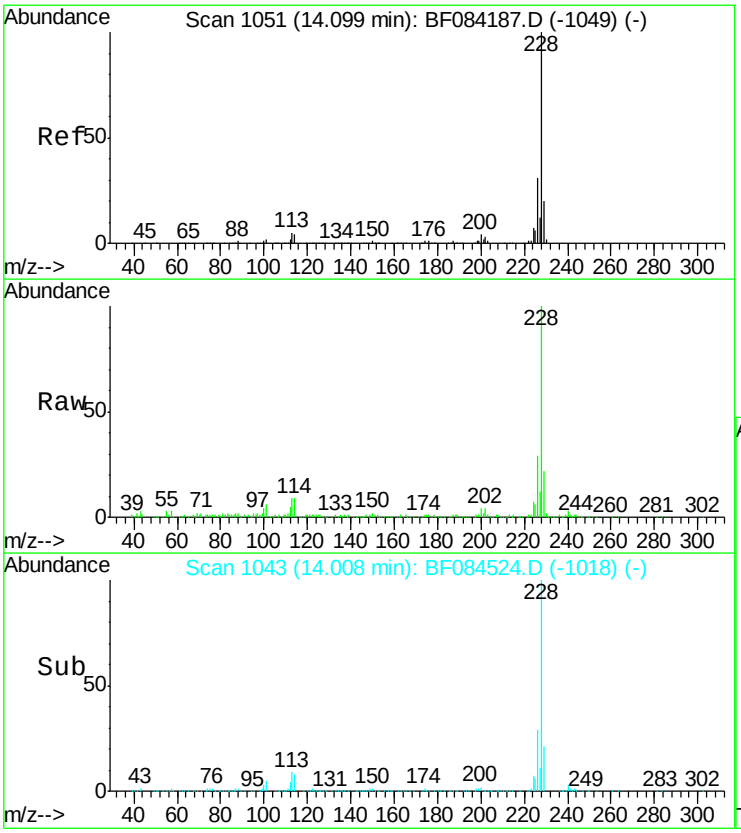
#80
Benzo(a)anthracene
Concen: 5.70 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:228 Resp: 181500

Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.8	32.6
229	20.8	15.8	23.8

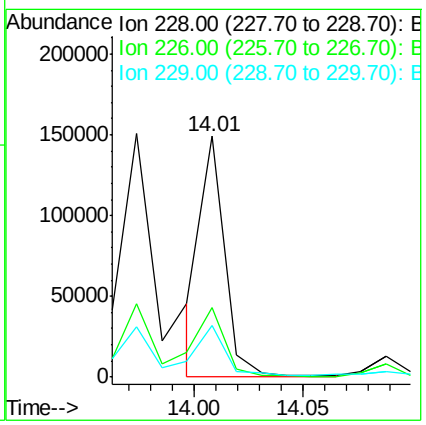


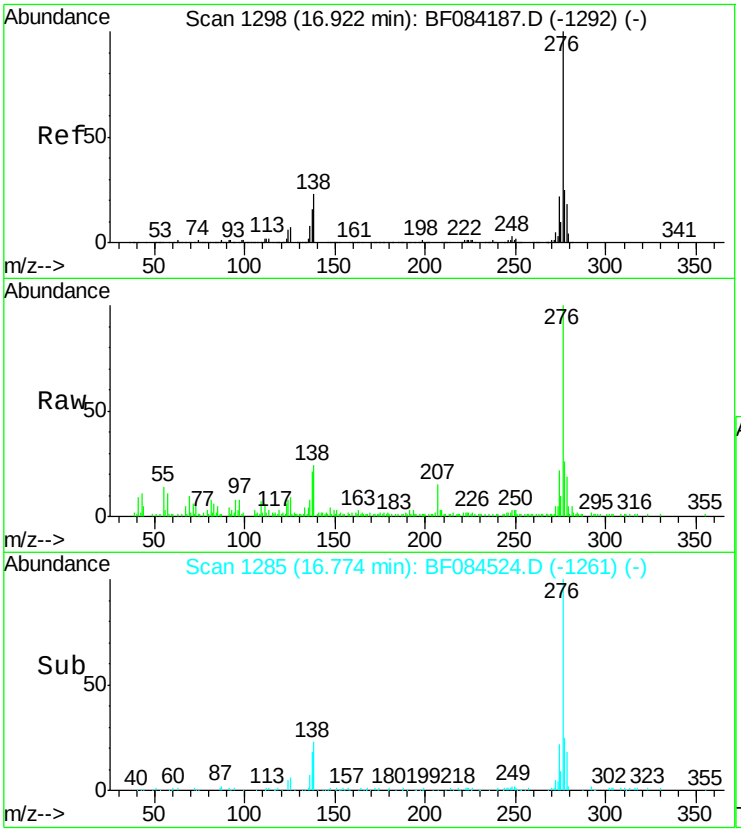


#82
Chrysene
Concen: 3.73 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Tgt Ion:228 Resp: 114196

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.3	36.5
229	21.7	16.1	24.1



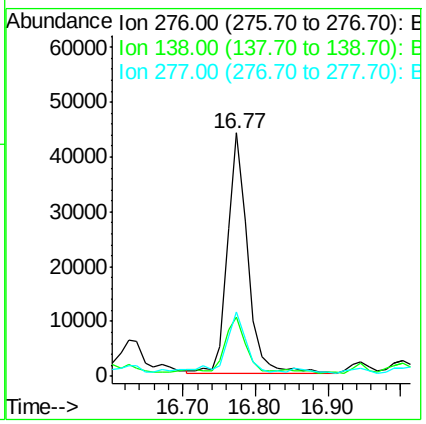


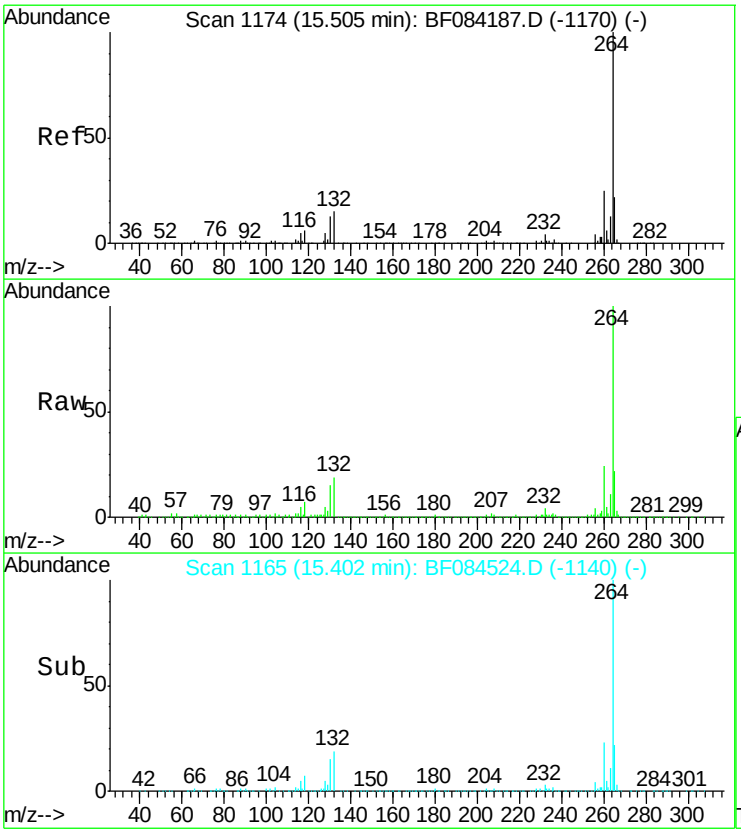
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.50 ng
RT: 16.77 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:276 Resp: 84862

Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.6	30.8
277	25.0	20.1	30.1

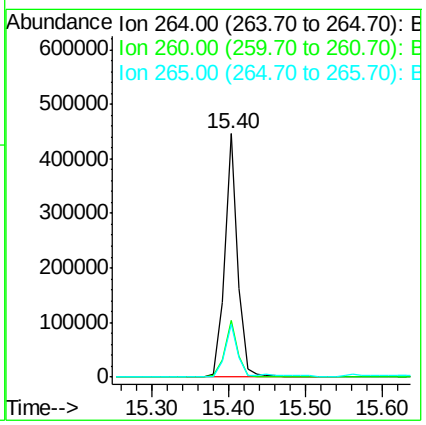


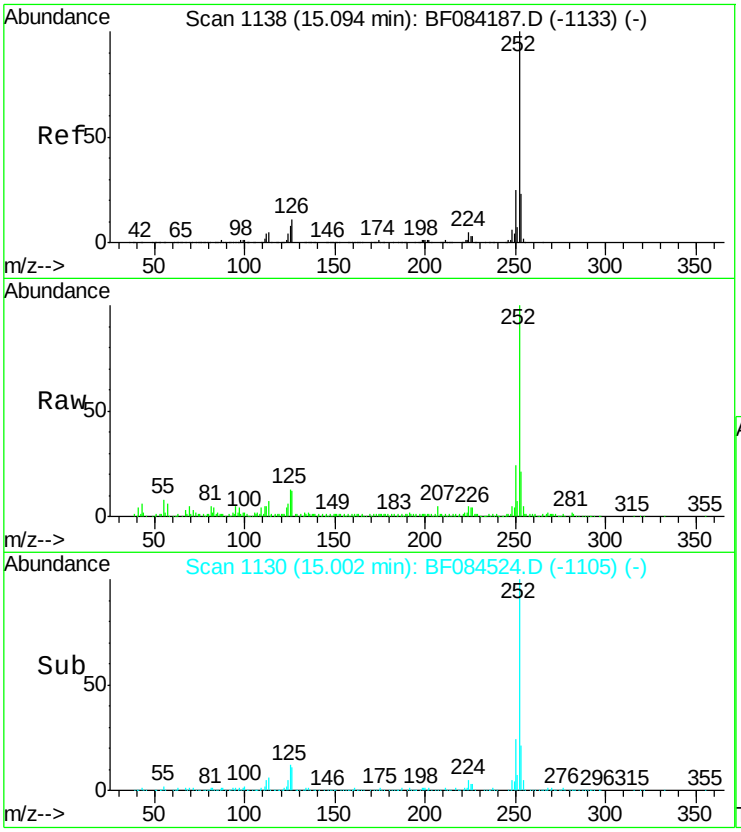


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Tgt Ion:264 Resp: 540304

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	22.0	17.8	26.6



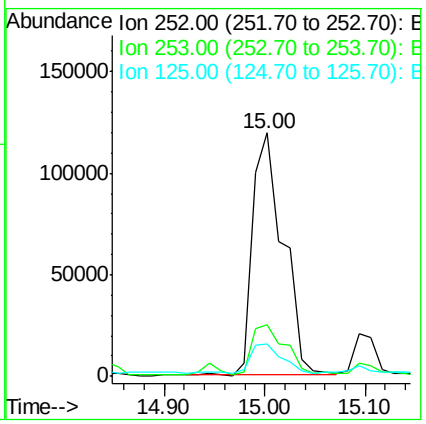


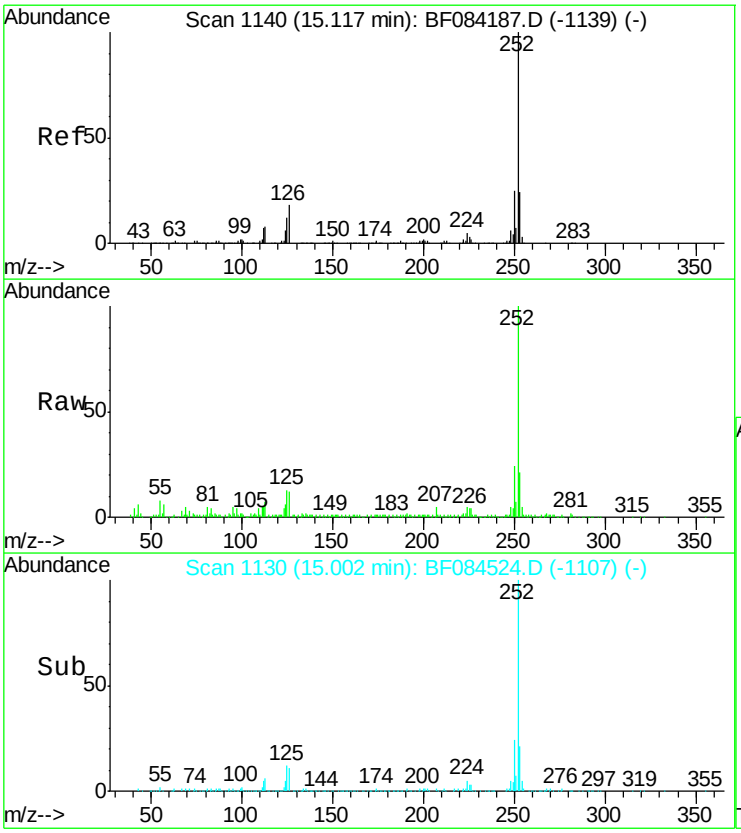
#87
Benzo(b)fluoranthene
Concen: 7.14 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:252 Resp: 252185

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.3	25.9
125	13.1	6.5	9.7#

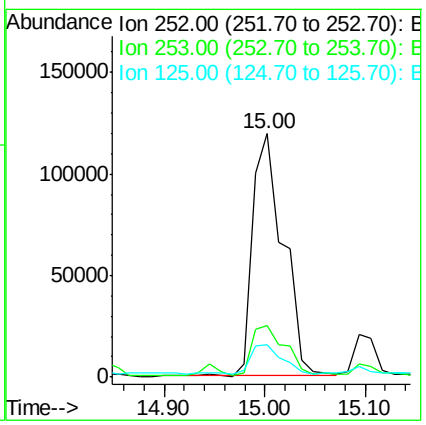


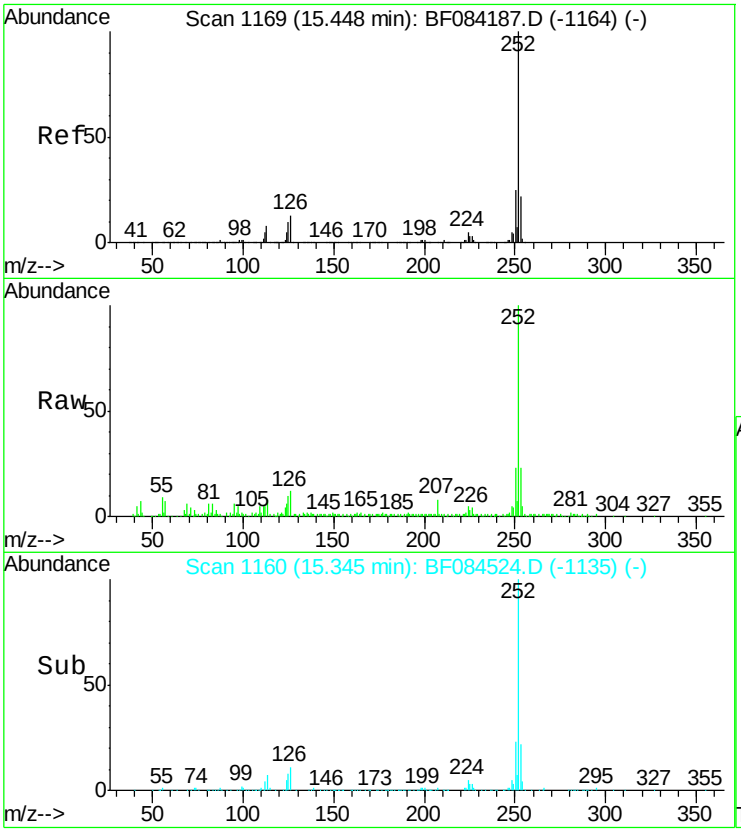


#88
Benzo(k)fluoranthene
Concen: 8.72 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Tgt Ion:252 Resp: 252185

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	13.1	9.0	13.6



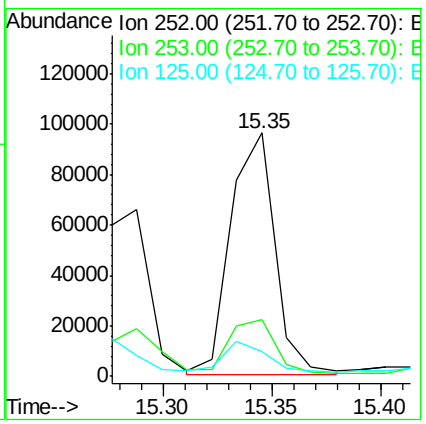


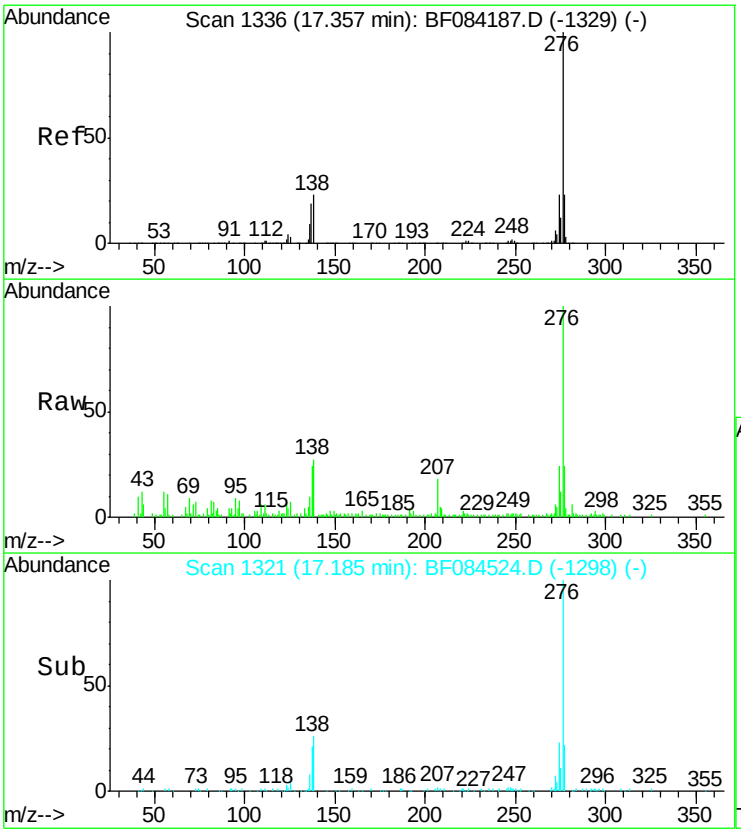
#89
Benzo(a)pyrene
Concen: 4.53 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:252 Resp: 135747

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	10.0	7.0	10.4





#91
Benzo(g,h,i)perylene
Concen: 2.96 ng
RT: 17.19 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF084524.D
Acq: 16 Jan 2016 7:13

Tgt Ion:276 Resp: 79087

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	27.3	17.8	26.6#