Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011716\
Data File : BF084535.D
Acq On : 17 Jan 2016 14:49
Operator : SJ/UM
Sample : G1143-03RE 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-8-20160114

Quant Time: Jan 18 01:25:03 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	6.81	152	339986	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	1242965	20.00	ng		-0.03
38) Acenaphthene-d10	9.85	164	598322	20.00	ng		-0.02
63) Phenanthrene-d10	11.33	188	988400	20.00	ng		-0.02
75) Chrysene-d12	13.96	240	696503	20.00	ng		-0.03
86) Perylene-d12	15.37	264	593278	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	510263	24.28	ng		-0.03
7) Phenol-d6	6.44	99	668261	25.31	ng		-0.03
23) Nitrobenzene-d5	7.37	82	420466	18.83	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	115384	19.10	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	576988	11.49	ng		-0.02
78) Terphenyl-d14	12.91	244	422299	13.53	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	56403	3.16	ng	#	73
25) Isophorone	7.37	82	366935	8.59	ng	#	66
32) Benzoic acid	7.88	122	247	6.26	ng	#	1
50) 2,6-Dinitrotoluene	9.85	165	79162	8.44	ng	#	37
54) Dibenzofuran	10.05	168	14380	Below Cal		#	95
56) 2,4-Dinitrotoluene	9.85	165	79162	6.67	ng	#	21
57) Fluorene	10.38	166	19793	Below Cal		#	94
64) 4,6-Dinitro-2-methylphenol	10.62	198	251	6.46	ng	#	1
70) Phenanthrene	11.35	178	287792	5.57	ng		98
73) Di-n-butylphthalate	11.89	149	62519	Below Cal		#	96
74) Fluoranthene	12.53	202	419337	7.76	ng		100
77) Pyrene	12.76	202	383967	7.03	ng		97
80) Benzo(a)anthracene	13.95	228	195119	4.77	ng		96
82) Chrysene	13.99	228	133262	3.39	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	64884	2.17	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	87599	2.81	ng		96
87) Benzo(b)fluoranthene	14.97	252	243588	6.28	ng	#	92
88) Benzo(k)fluoranthene	14.97	252	243588	7.67	ng	#	96
89) Benzo(a)pyrene	15.31	252	132933	4.04	ng	#	95
91) Benzo(g,h,i)perylene	17.14	276	81708	2.79	ng		96

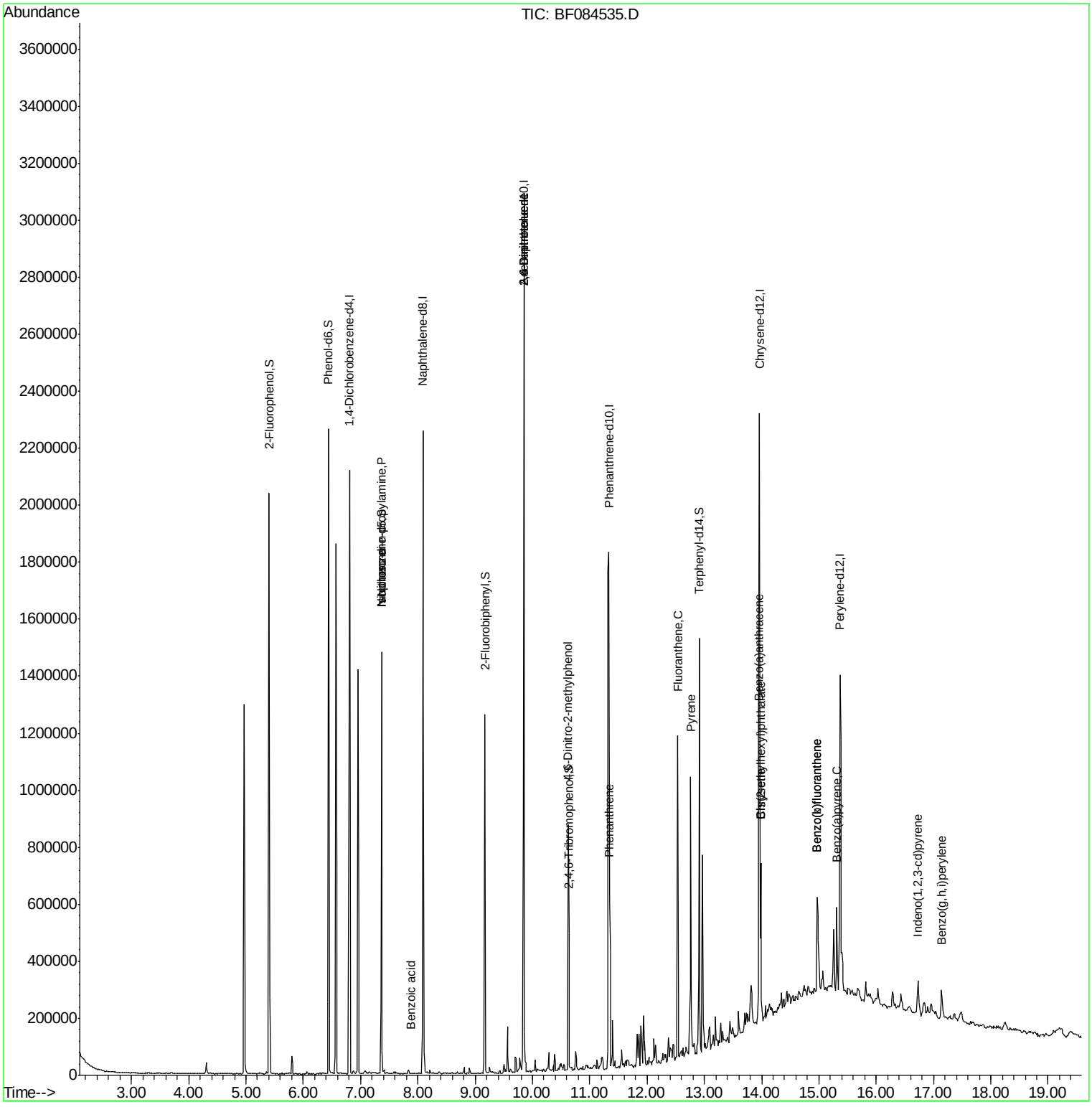
(#) = qualifier out of range (m) = manual integration (+) = signals summed

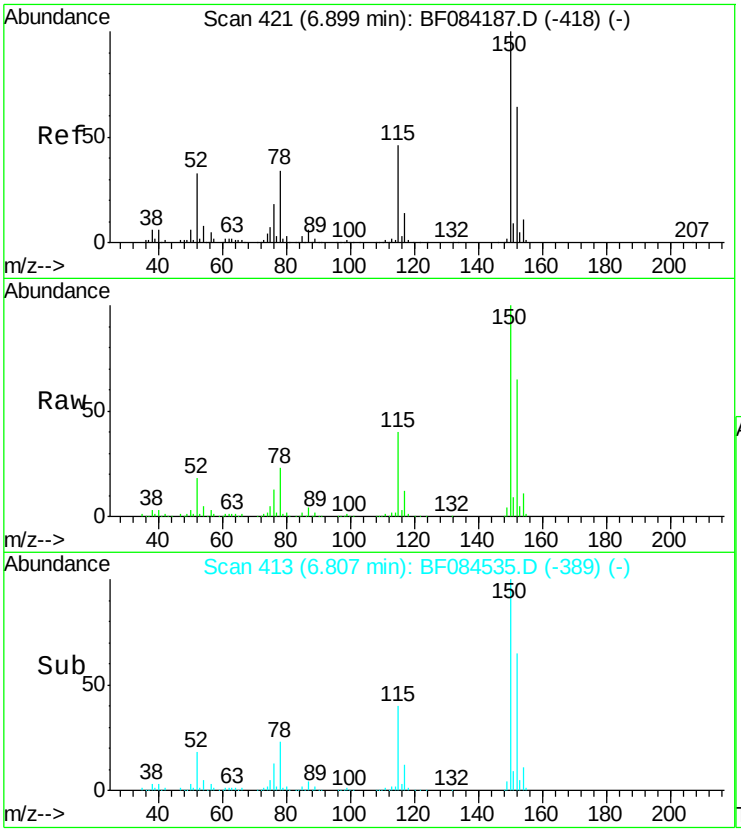
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011716\
Data File : BF084535.D
Acq On : 17 Jan 2016 14:49
Operator : SJ/UM
Sample : G1143-03RE 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-8-20160114

Quant Time: Jan 18 01:25:03 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



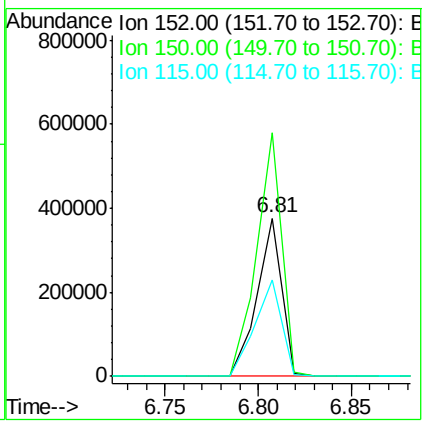


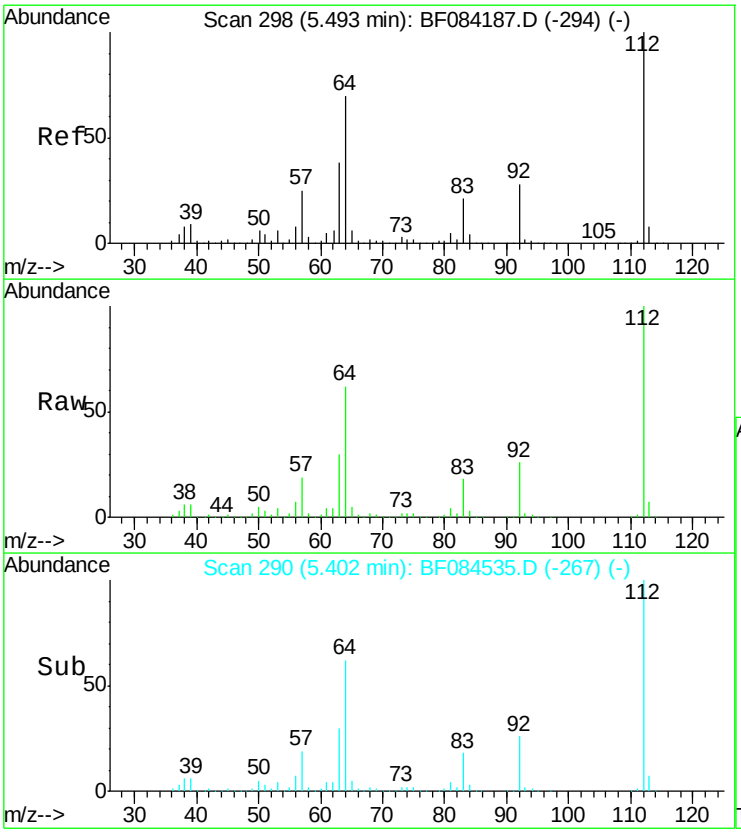
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:152 Resp: 339986

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.0	184.4
115	61.4	51.4	77.2

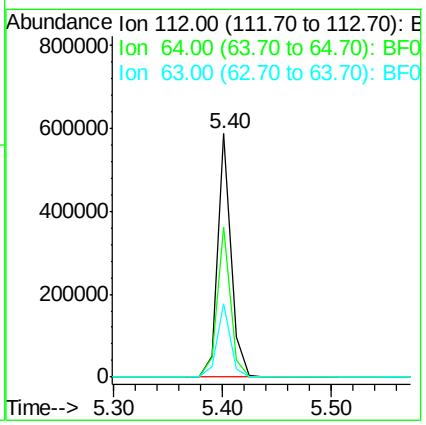


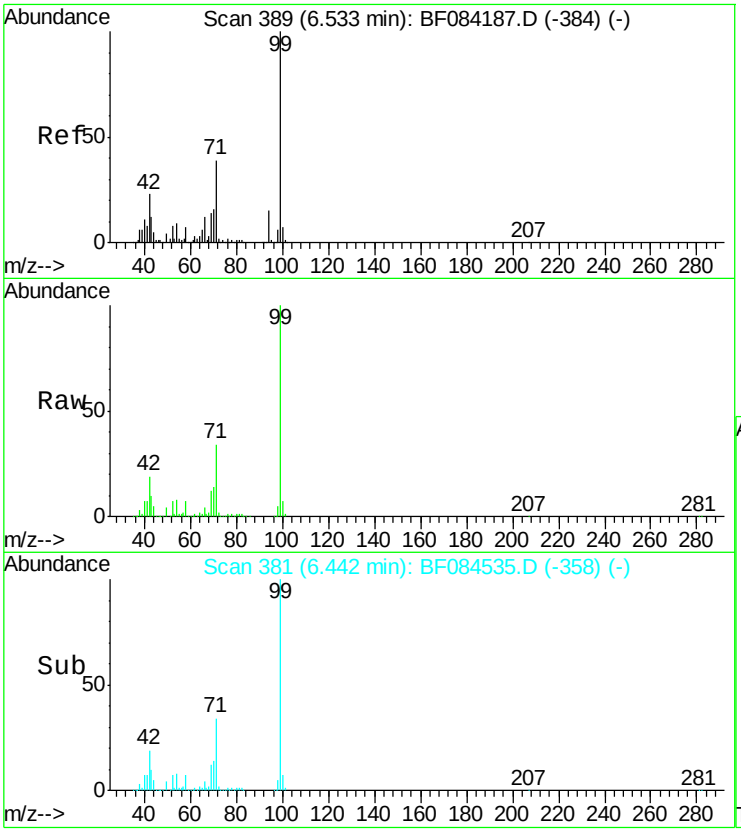


#5
2-Fluorophenol
Concen: 24.28 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.03 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Tgt Ion:112 Resp: 510263

Ion	Ratio	Lower	Upper
112	100		
64	61.5	36.6	55.0#
63	30.3	19.4	29.0#



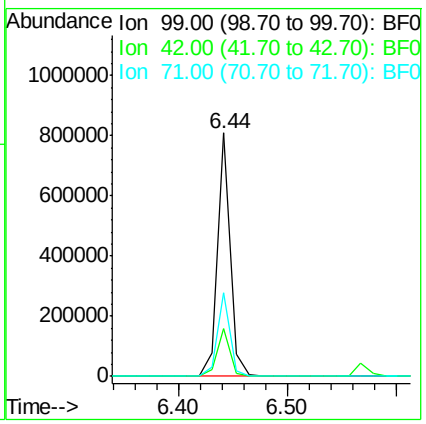


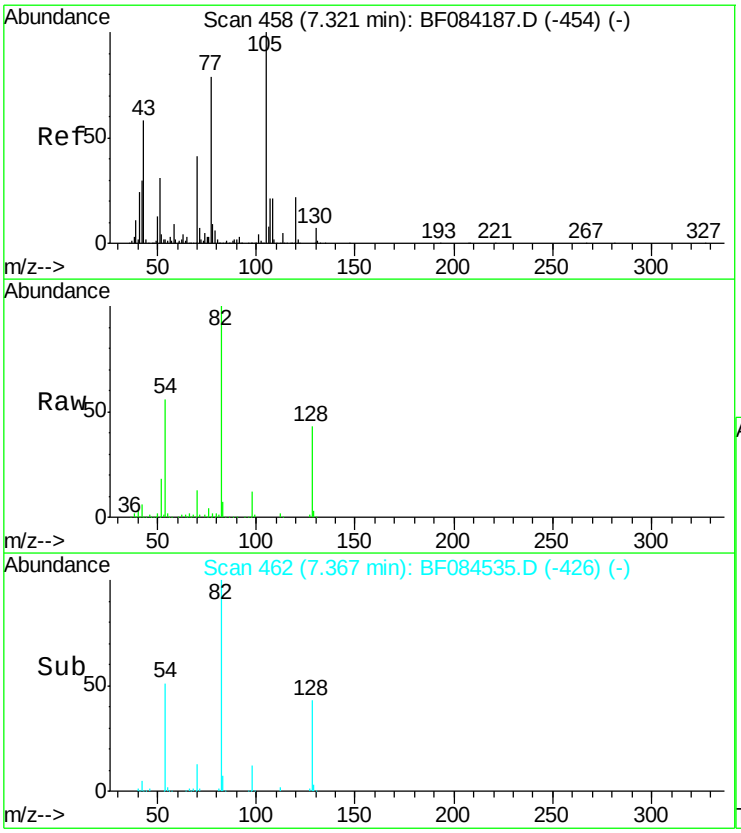
#7
Phenol-d6
Concen: 25.31 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.03 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion: 99 Resp: 668261

Ion	Ratio	Lower	Upper
99	100		
42	19.5	12.8	19.2#
71	34.3	30.9	46.3

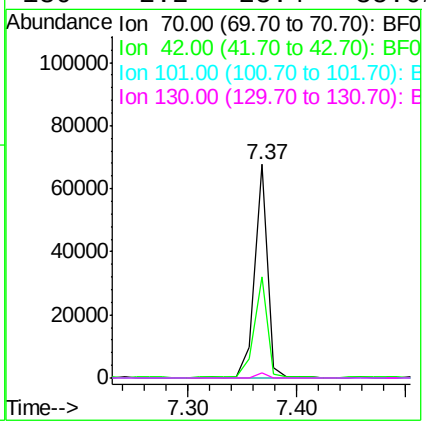


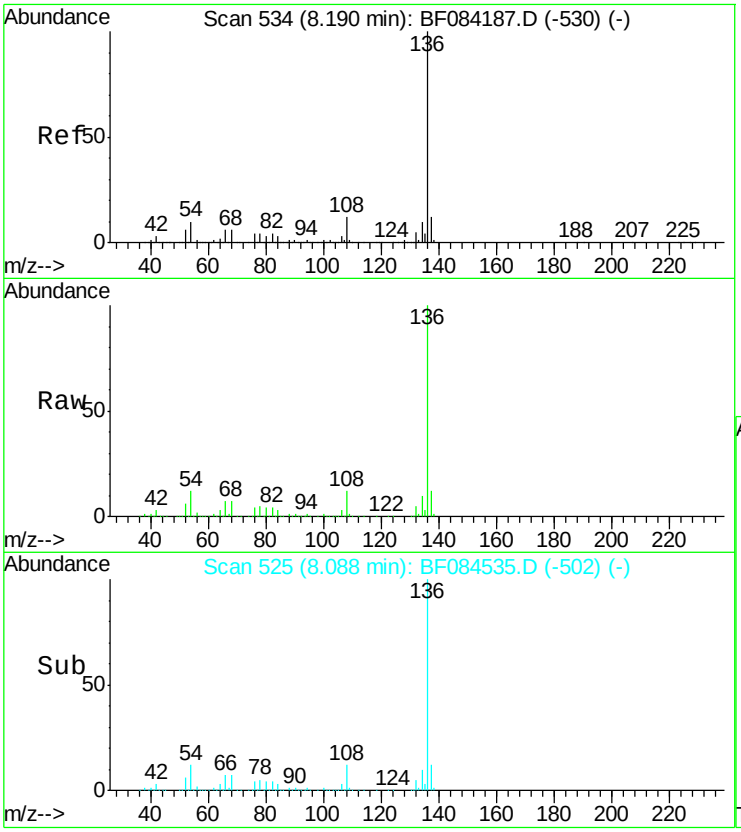


#19
n-Nitroso-di-n-propylamine
Concen: 3.16 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.11 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Tgt Ion: 70 Resp: 56403

Ion	Ratio	Lower	Upper
70	100		
42	47.3	33.3	49.9
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#



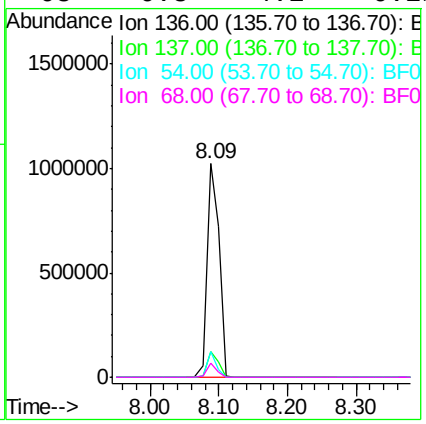


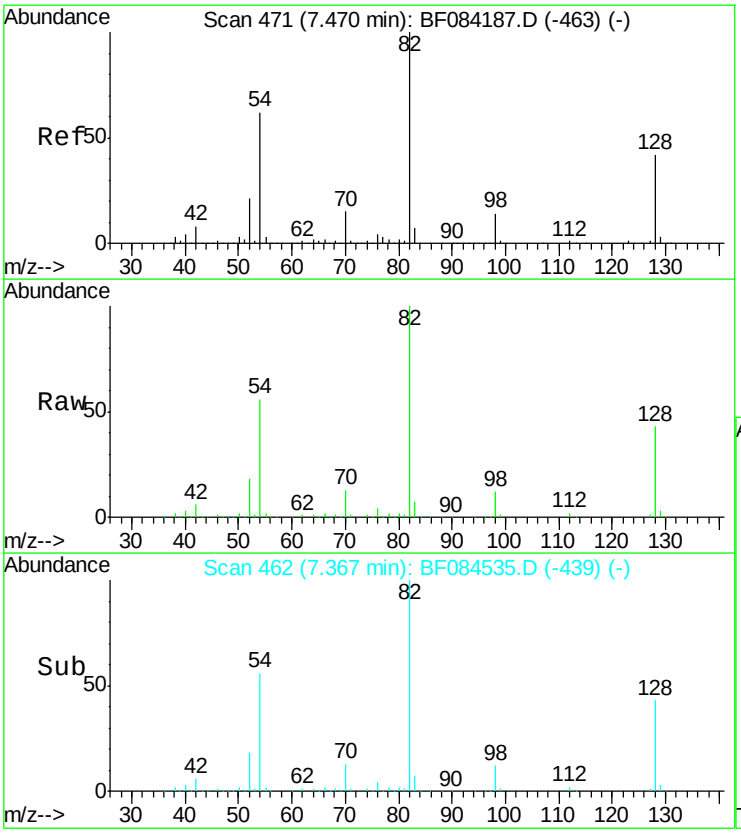
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:136 Resp: 1242965

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	11.7	5.8	8.8#
68	6.8	4.2	6.2#

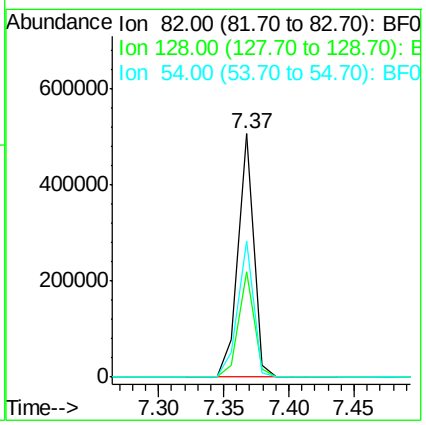


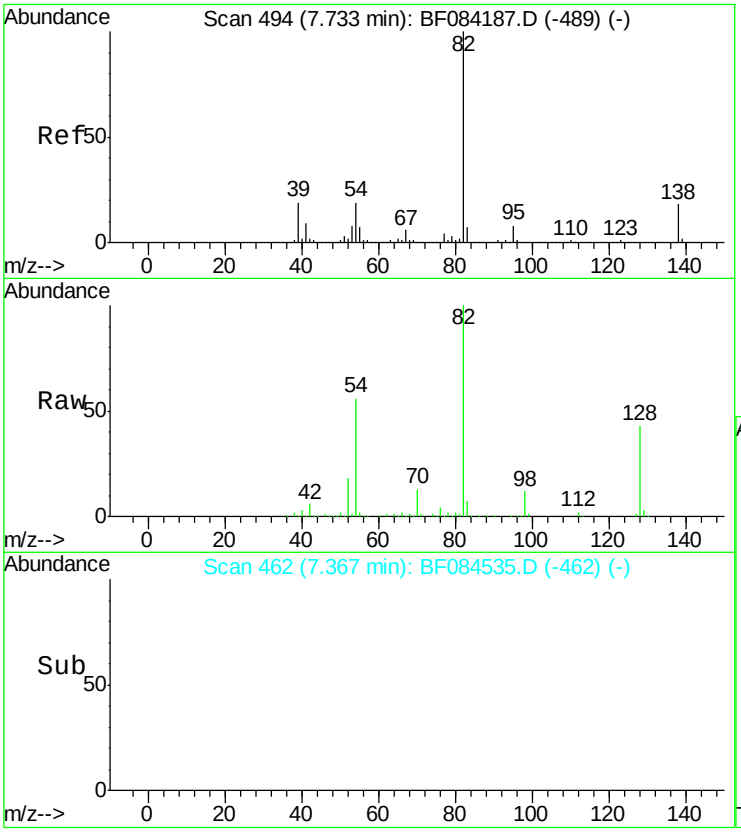


#23
Nitrobenzene-d5
Concen: 18.83 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Tgt Ion: 82 Resp: 420466

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	55.9	38.4	57.6



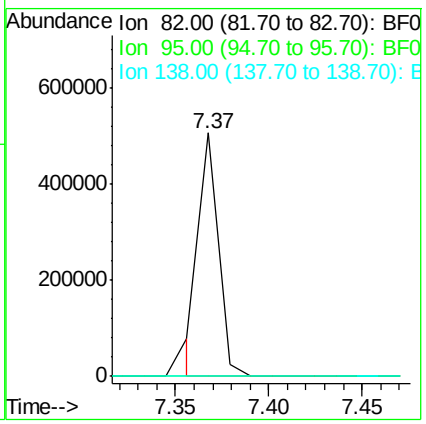


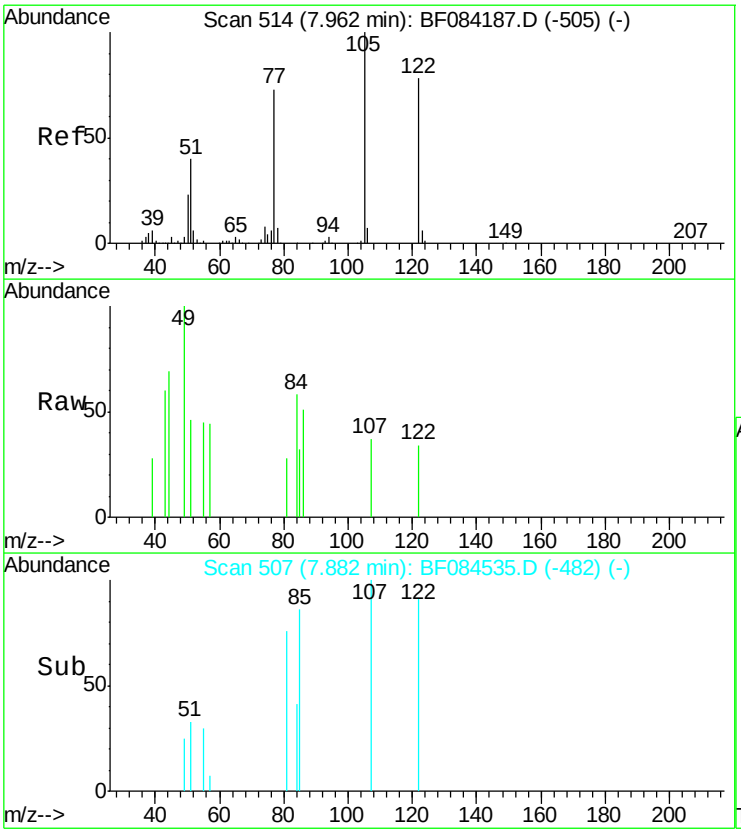
#25
Isophorone
Concen: 8.59 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.30 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion: 82 Resp: 366935

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#

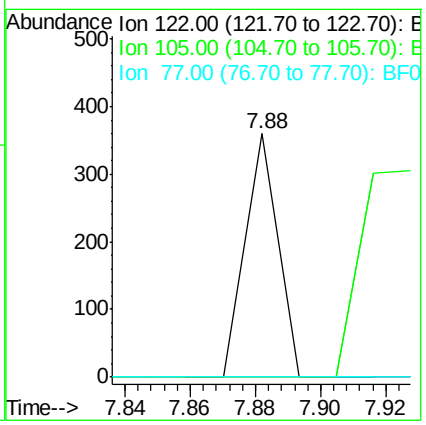


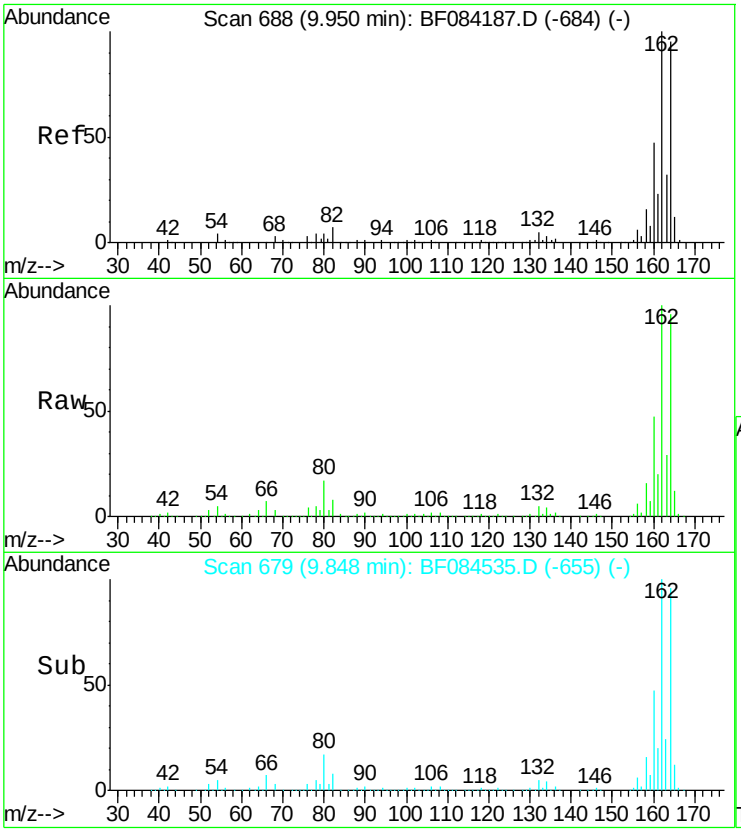


#32
Benzoic acid
Concen: 6.26 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Tgt Ion:122 Resp: 247

Ion	Ratio	Lower	Upper
122	100		
105	0.0	100.3	140.3#
77	0.0	63.5	103.5#



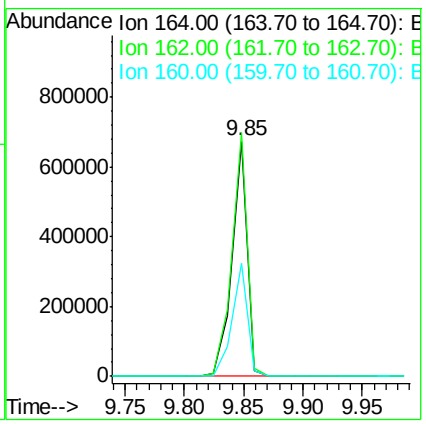


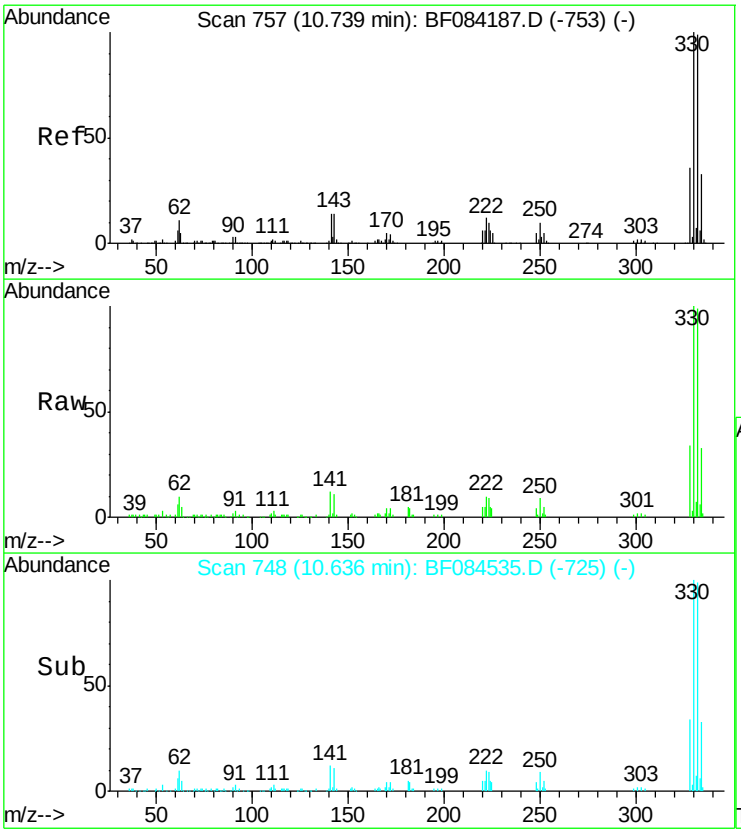
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:164 Resp: 598322

Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.1	127.7
160	48.3	37.5	56.3

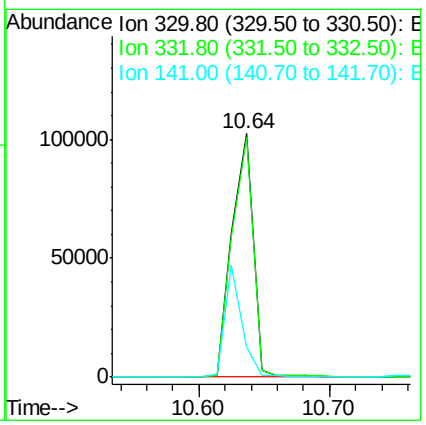


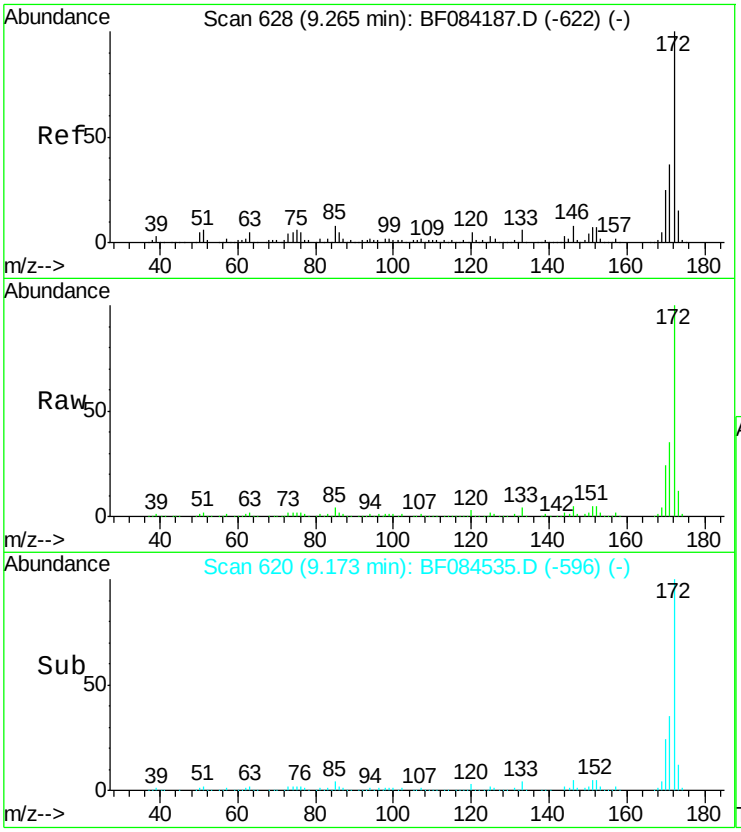


#41
2,4,6-Tribromophenol
Concen: 19.10 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.03 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Tgt Ion:330 Resp: 115384

Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.6	114.8
141	37.3	27.8	41.6



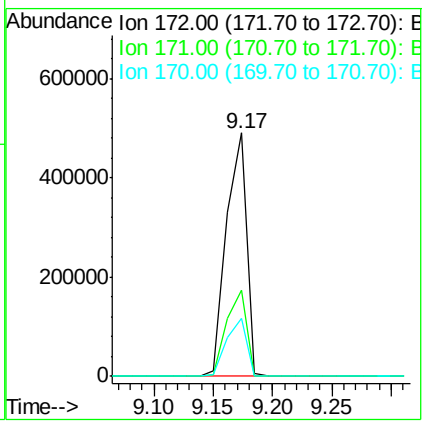


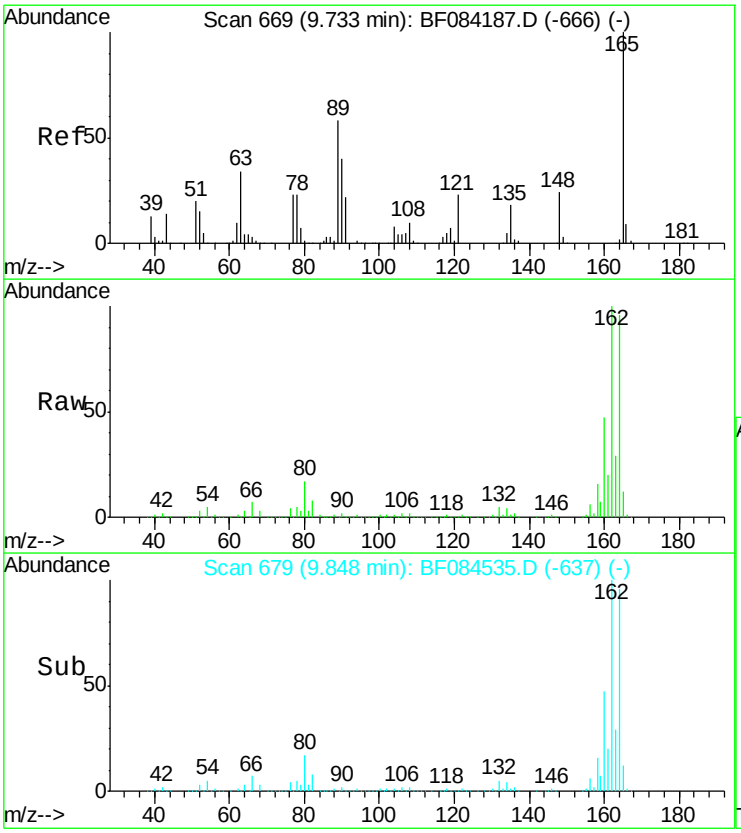
#44
2-Fluorobiphenyl
Concen: 11.49 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:172 Resp: 576988

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.7	18.6	27.8

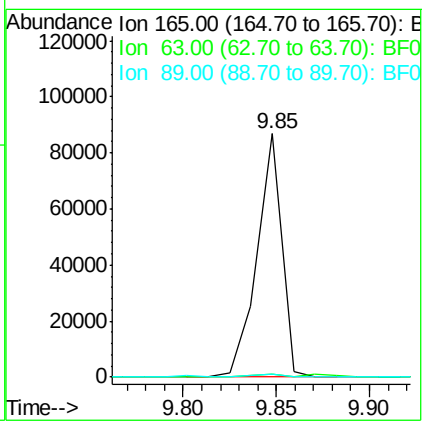


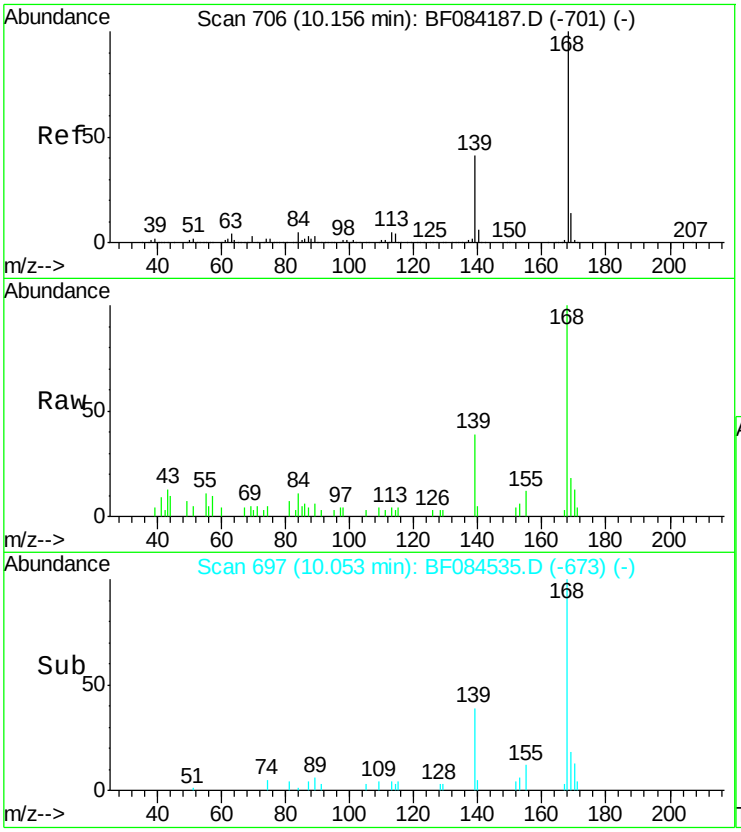


#50
2,6-Dinitrotoluene
Concen: 8.44 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.18 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Tgt Ion:165 Resp: 79162

Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.8	43.2#
89	1.4	35.1	52.7#



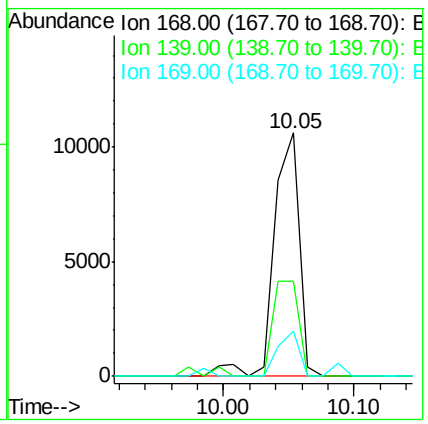


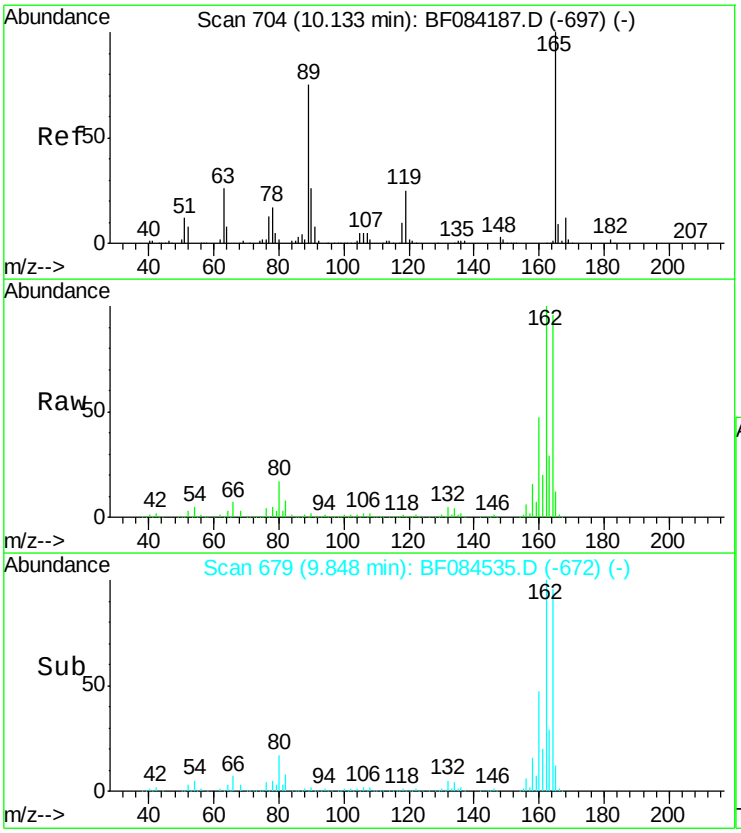
#54
Dibenzofuran
Concen: Below Cal
RT: 10.05 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:168 Resp: 14380

Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.5	45.7
169	18.4	10.4	15.6#

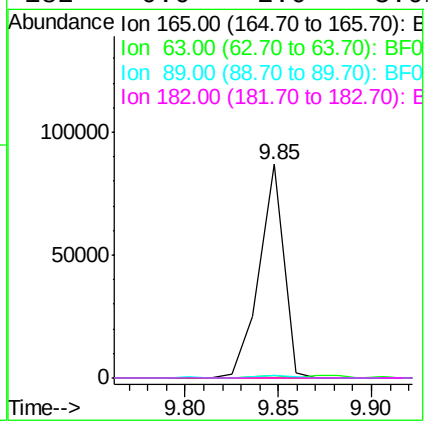


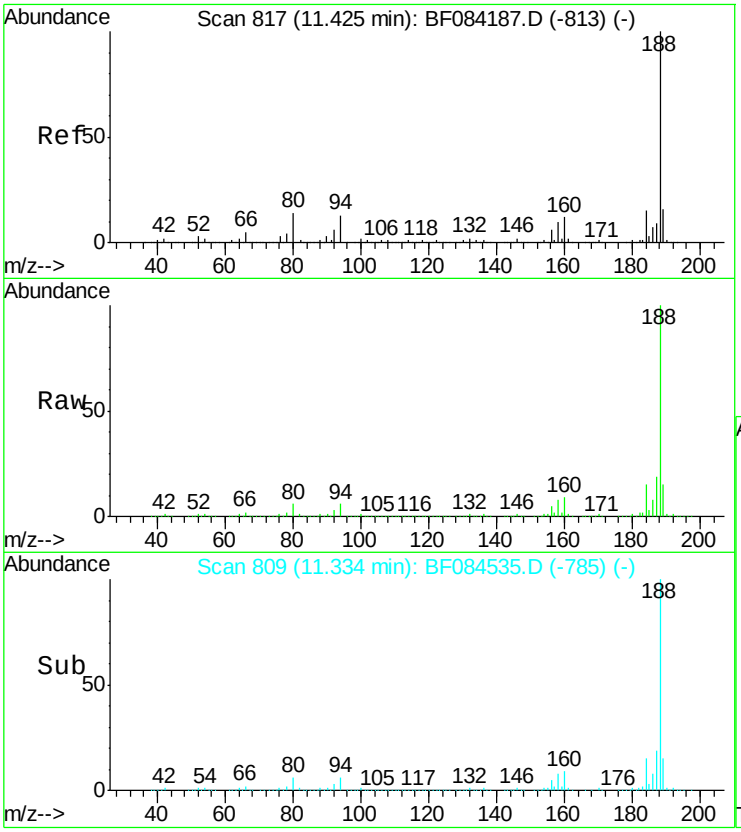


#56
2,4-Dinitrotoluene
Concen: 6.67 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.22 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Tgt Ion:165 Resp: 79162

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.4	61.9	92.9#
182	0.0	2.0	3.0#



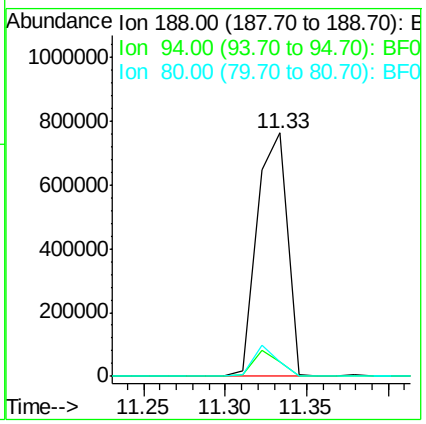


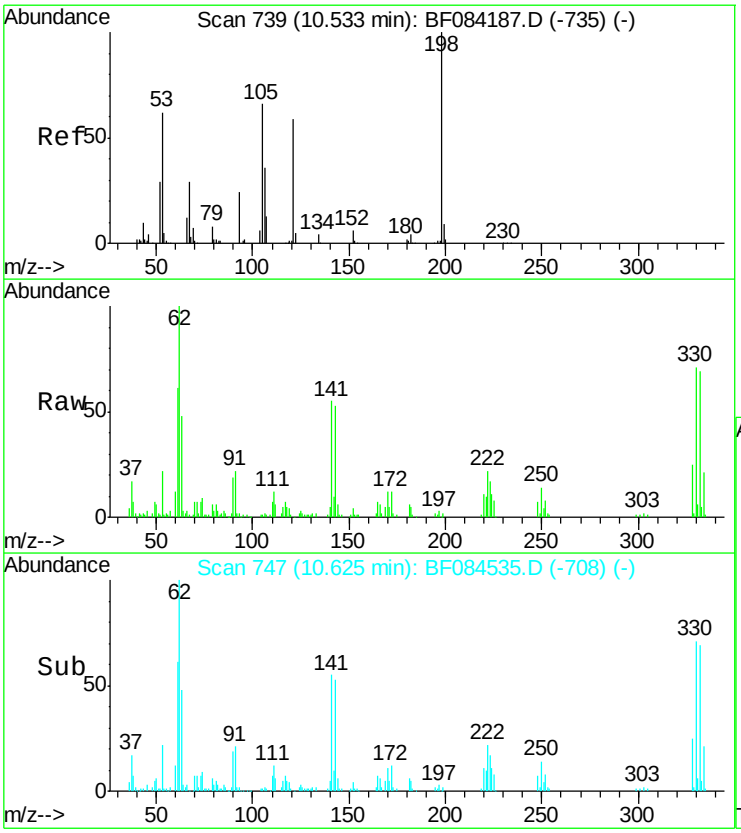
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:188 Resp: 988400

Ion	Ratio	Lower	Upper
188	100		
94	6.2	9.0	13.4#
80	5.9	9.6	14.4#

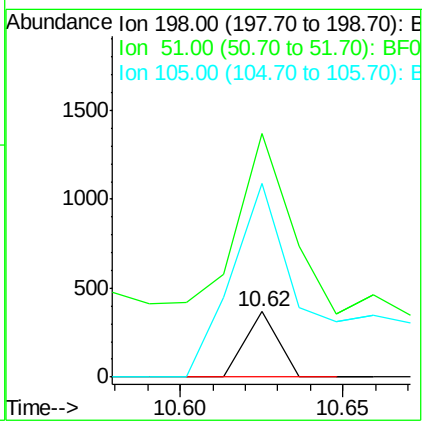


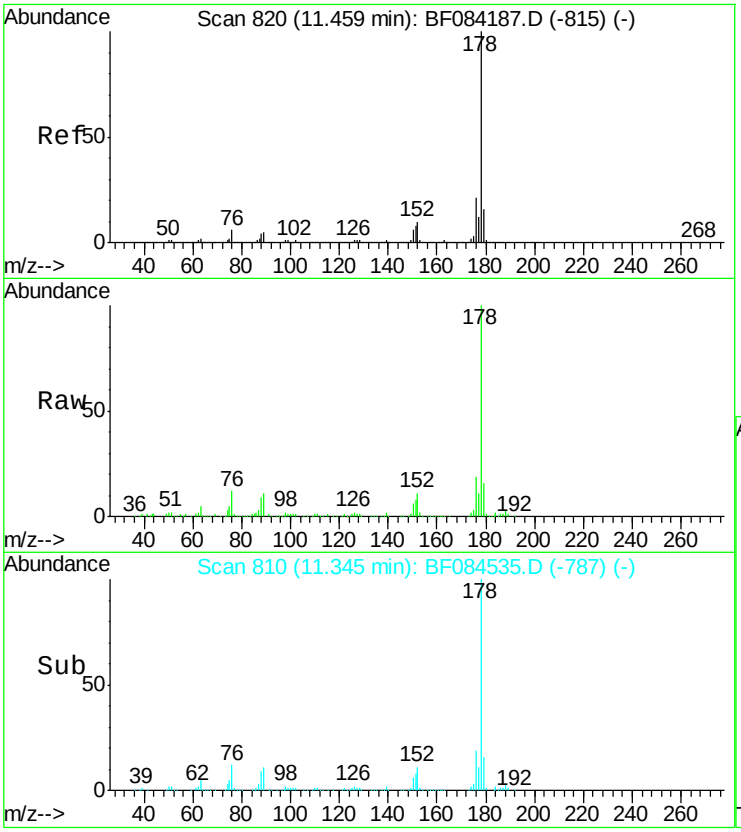


#64
4,6-Dinitro-2-methylphenol
Concen: 6.46 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.15 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Tgt Ion:198 Resp: 251

Ion	Ratio	Lower	Upper
198	100		
51	374.0	18.9	58.9#
105	296.7	26.4	66.4#



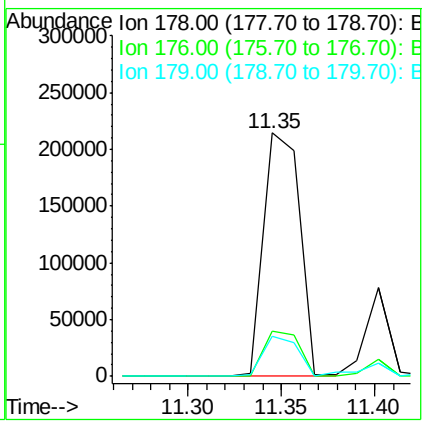


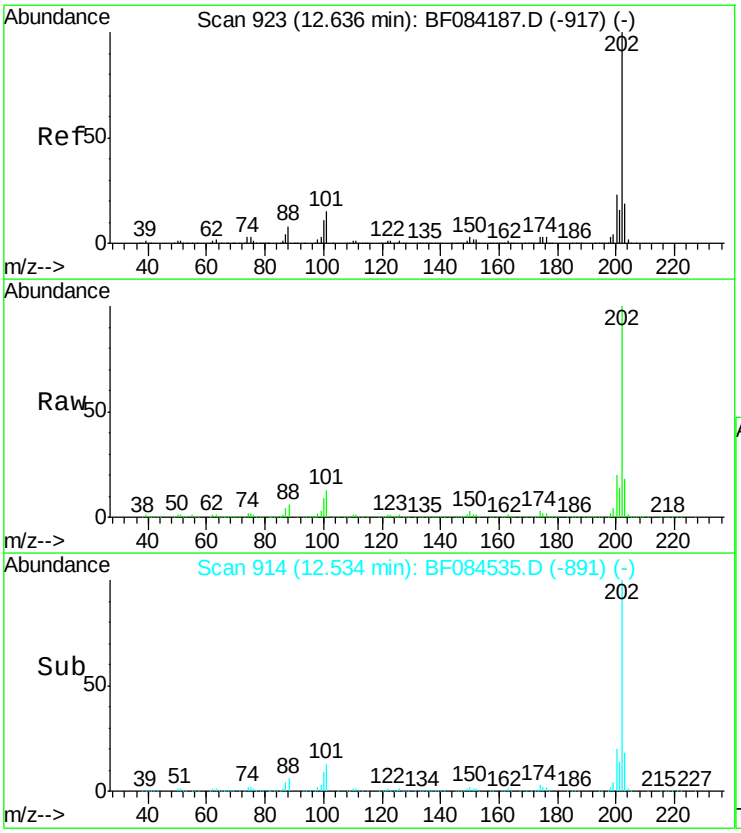
#70
Phenanthrene
Concen: 5.57 ng
RT: 11.35 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:178 Resp: 287792

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	16.5	12.0	18.0

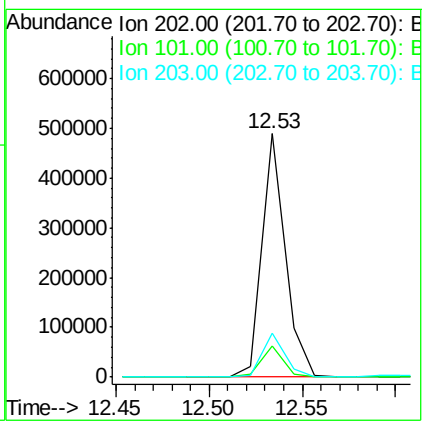


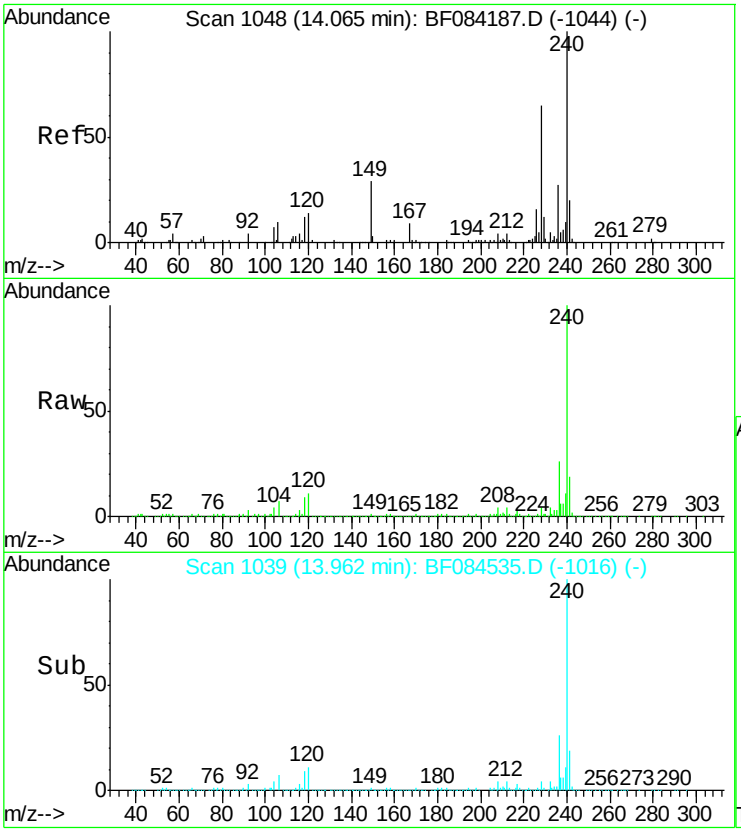


#74
Fluoranthene
Concen: 7.76 ng
RT: 12.53 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Tgt Ion:202 Resp: 419337

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.8
203	18.0	0.0	37.9



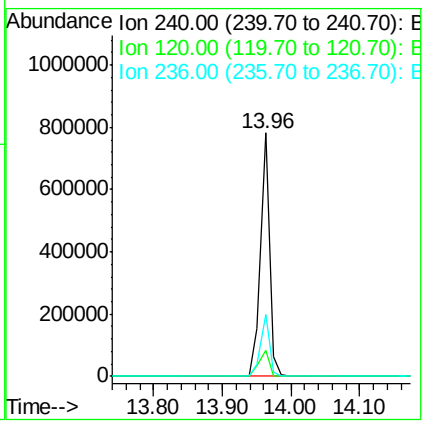


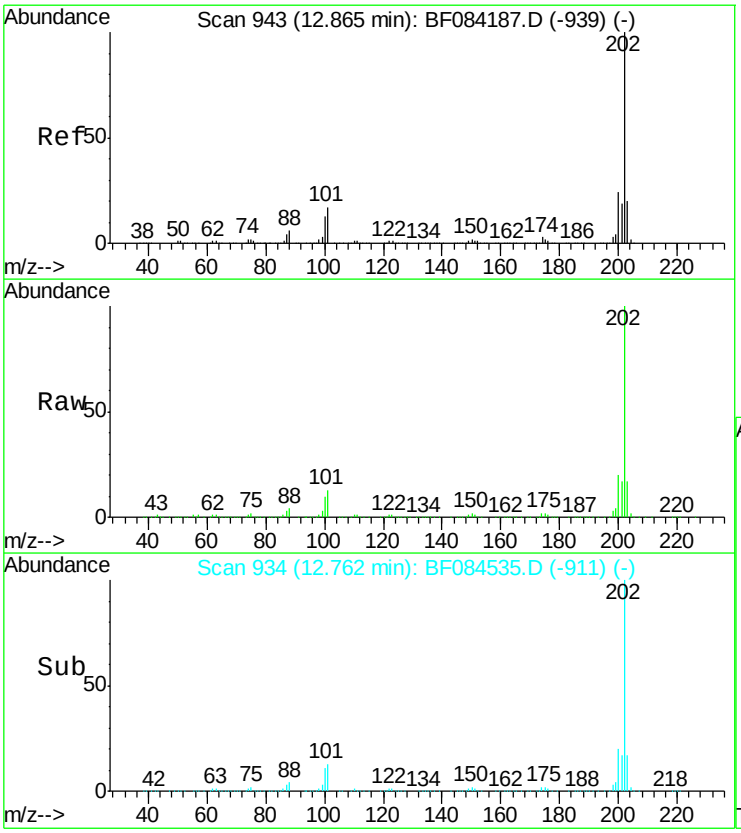
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:240 Resp: 696503

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.6	20.6	31.0

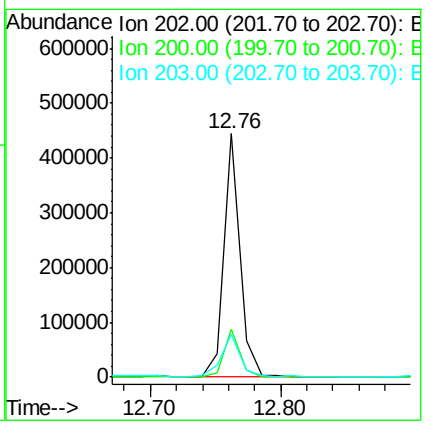


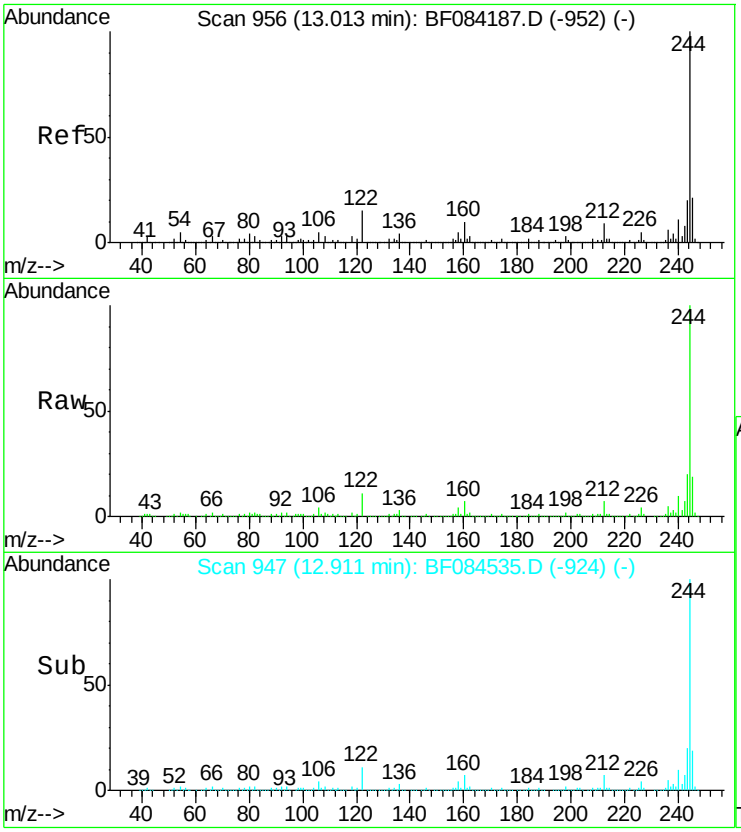


#77
Pyrene
Concen: 7.03 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Tgt Ion:202 Resp: 383967

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.2	25.8
203	17.3	14.3	21.5



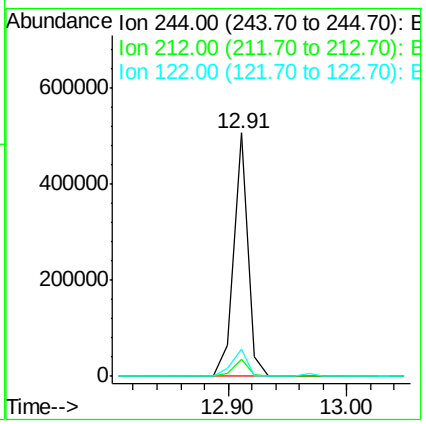


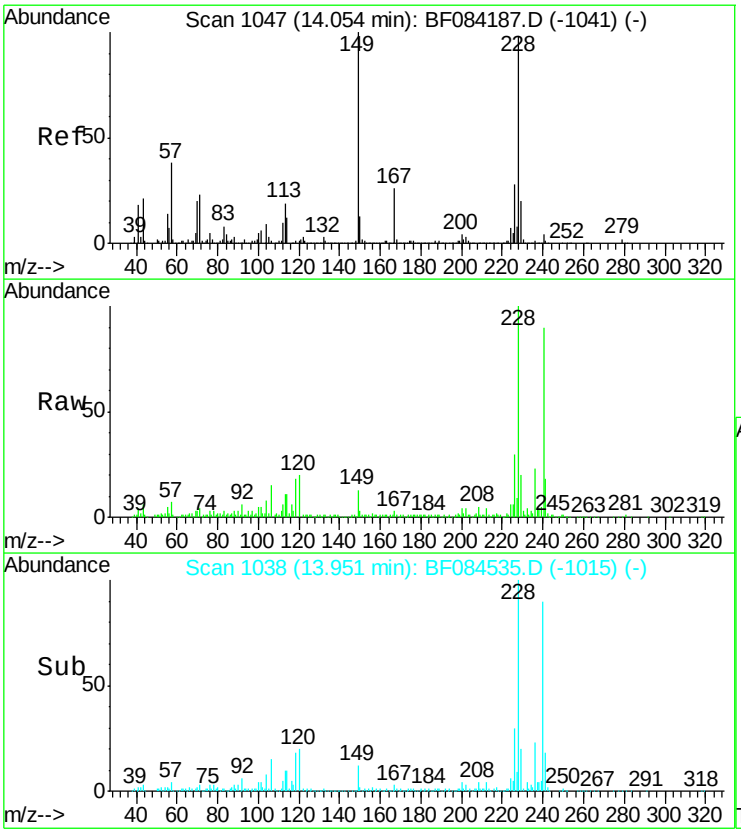
#78
Terphenyl-d14
Concen: 13.53 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.03 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:244 Resp: 422299

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.3	7.4	11.0#

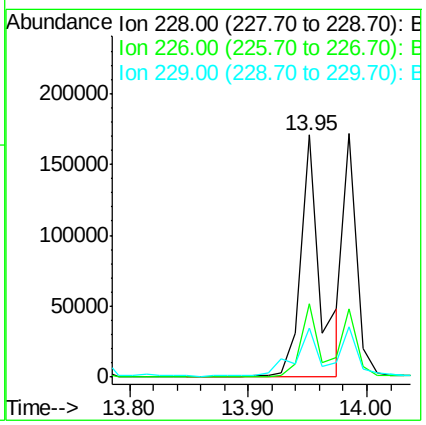


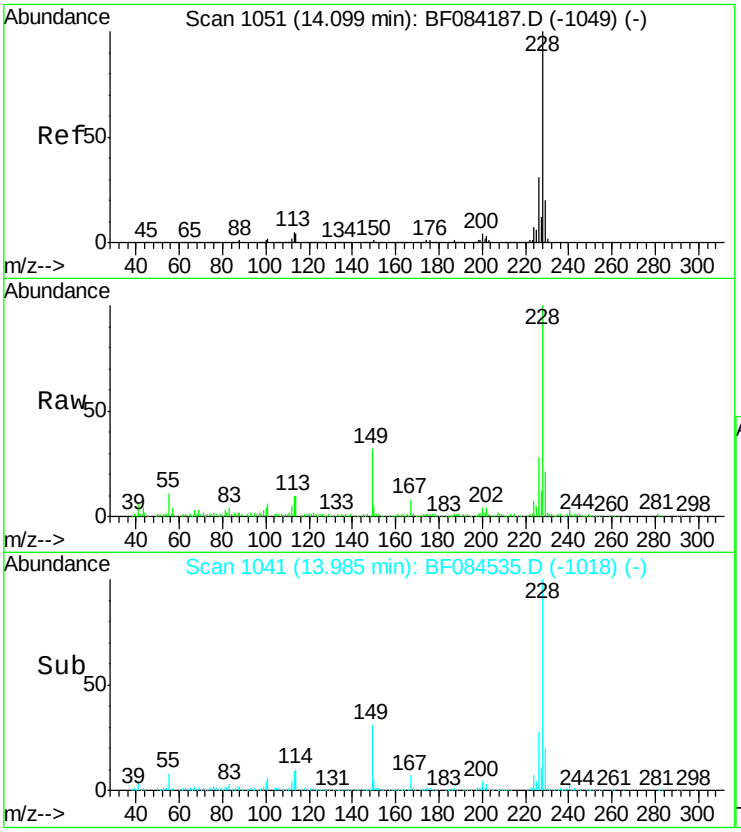


#80
Benzo(a)anthracene
Concen: 4.77 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Tgt Ion:228 Resp: 195119

Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.8	32.6
229	20.5	15.8	23.8



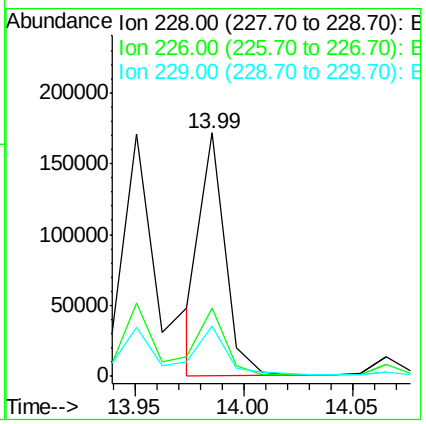


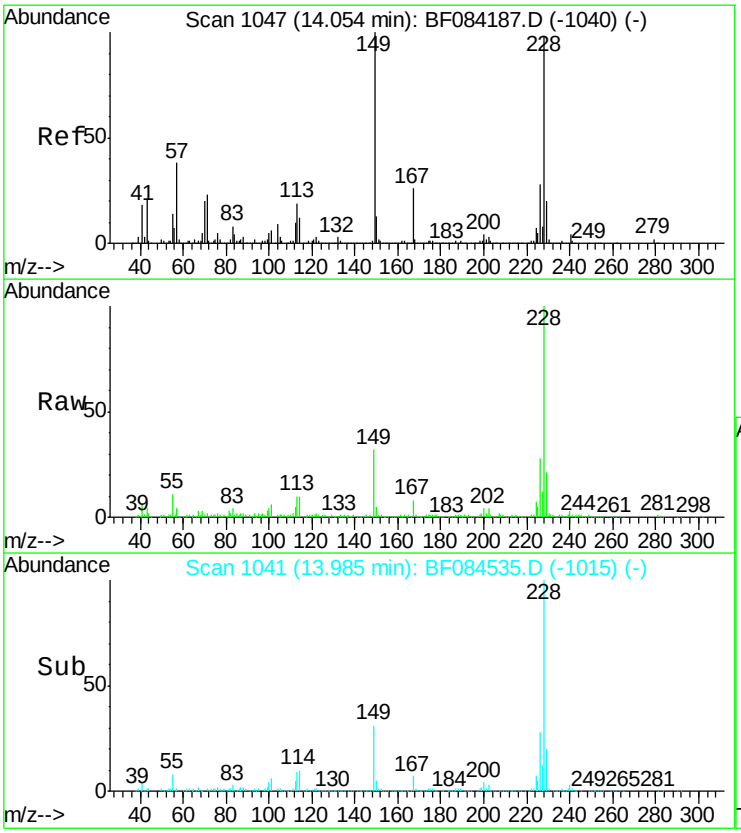
#82
Chrysene
Concen: 3.39 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:228 Resp: 133262

Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.3	36.5
229	20.7	16.1	24.1

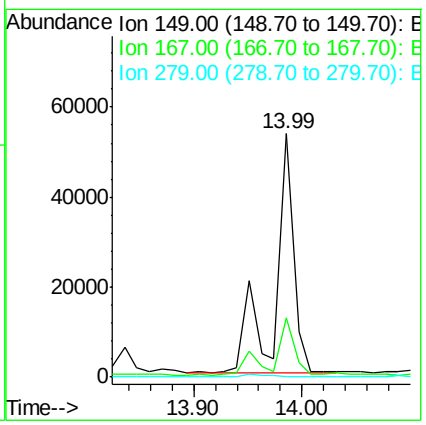


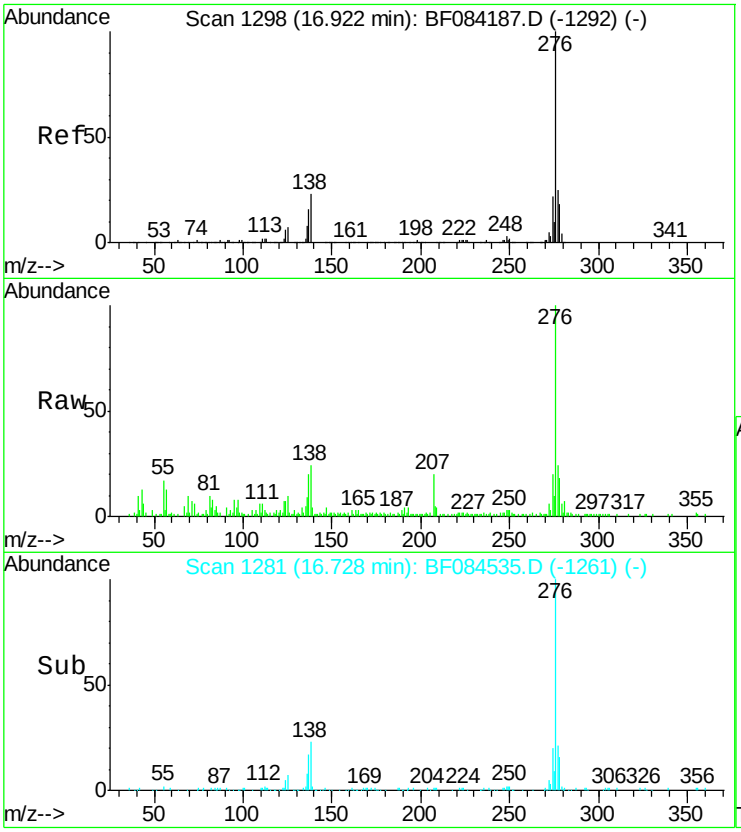


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.17 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Tgt Ion:149 Resp: 64884

Ion	Ratio	Lower	Upper
149	100		
167	24.5	19.7	29.5
279	0.0	1.8	2.6#



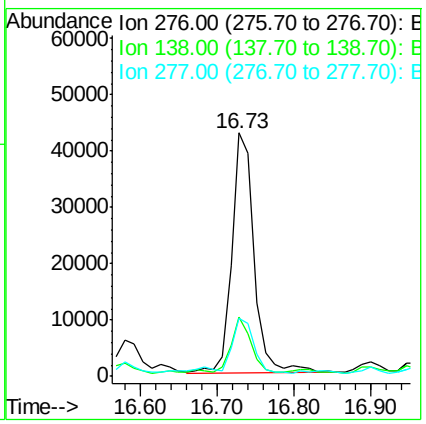


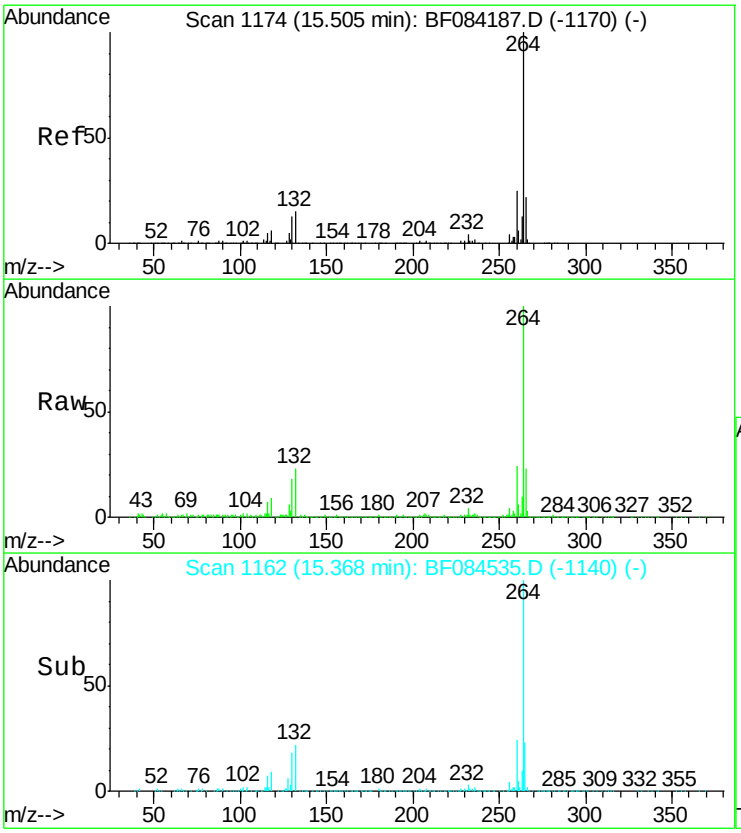
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.81 ng
RT: 16.73 min Scan# 1281
Delta R.T. -0.07 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:276 Resp: 87599

Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.6	30.8
277	25.6	20.1	30.1

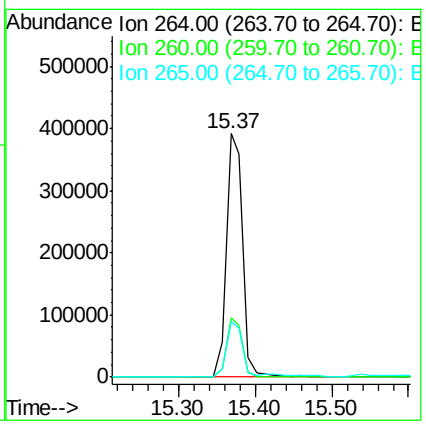


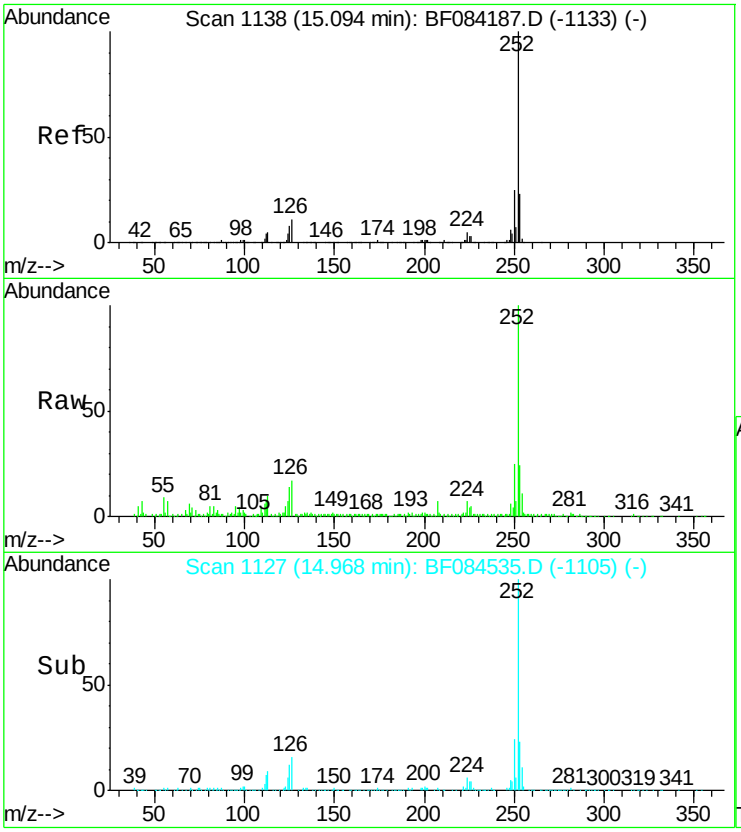


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Tgt Ion:264 Resp: 593278

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.9	17.8	26.6



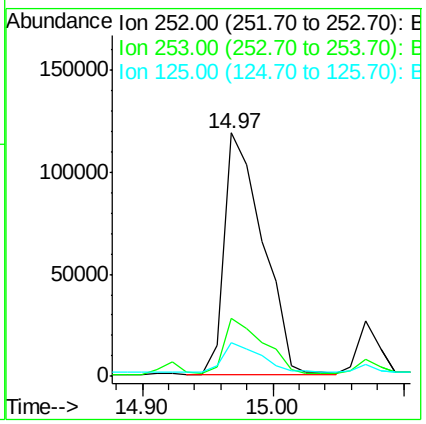


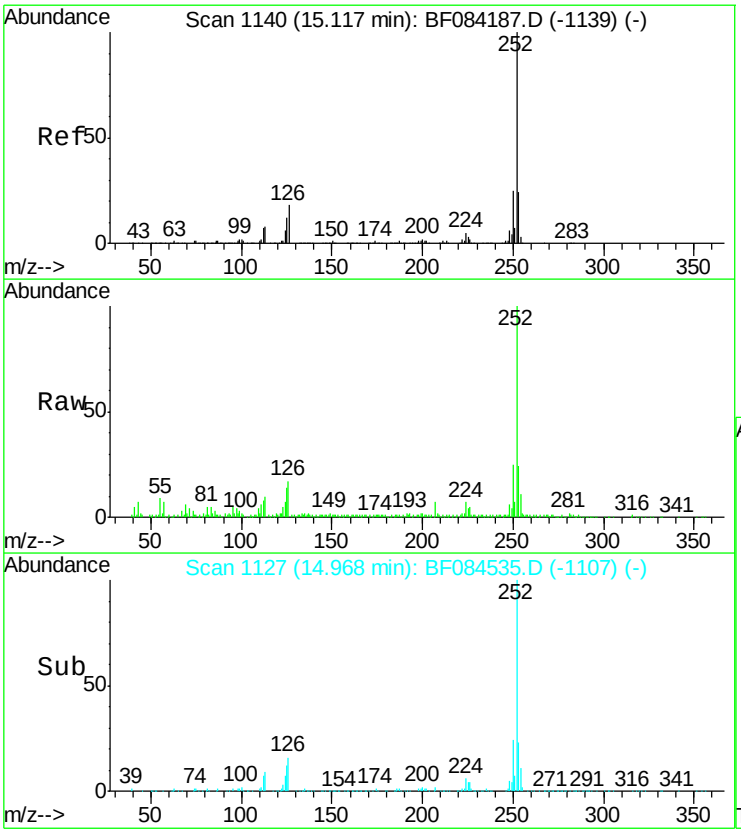
#87
Benzo(b)fluoranthene
Concen: 6.28 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.05 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:252 Resp: 243588

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	13.8	6.5	9.7#

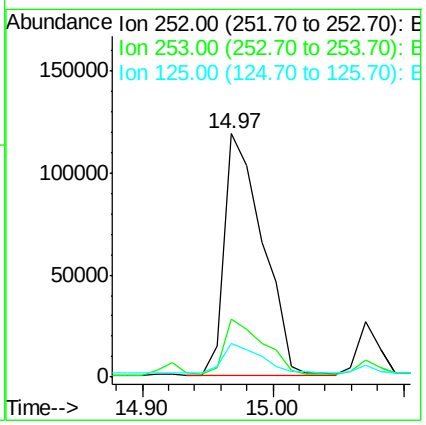


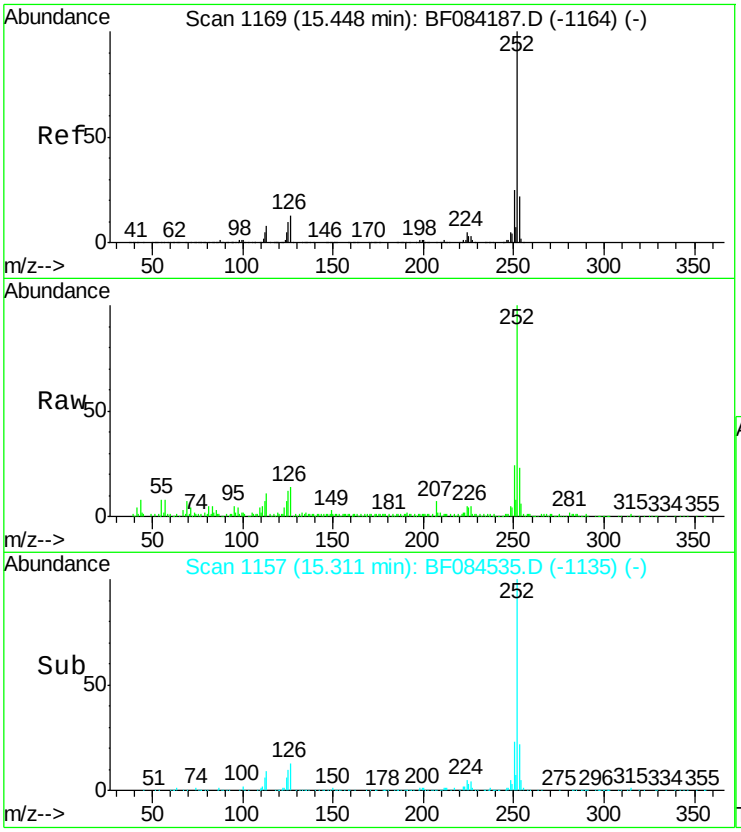


#88
Benzo(k)fluoranthene
Concen: 7.67 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.07 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Tgt Ion:252 Resp: 243588

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	13.8	9.0	13.6#



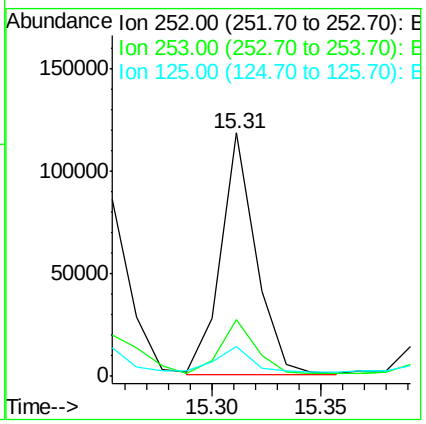


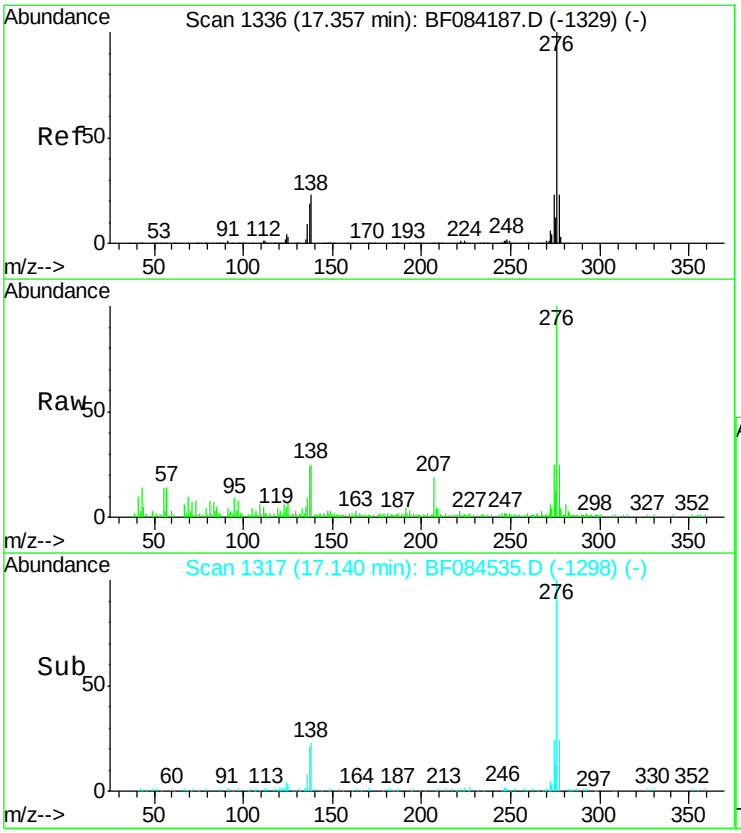
#89
Benzo(a)pyrene
Concen: 4.04 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.05 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:252 Resp: 132933

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	12.1	7.0	10.4#





#91
Benzo(g,h,i)perylene
Concen: 2.79 ng
RT: 17.14 min Scan# 1317
Delta R.T. -0.08 min
Lab File: BF084535.D
Acq: 17 Jan 2016 14:49

Tgt Ion:276 Resp: 81708

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	25.0	17.8	26.6