Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084553.D
Acq On : 19 Jan 2016 15:43
Operator : SJ/UM
Sample : H1158-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-9-20160114

Quant Time: Jan 19 23:59:02 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	6.80	152	216859	20.00	ng		-0.03
21) Naphthalene-d8	8.08	136	877180	20.00	ng		-0.05
38) Acenaphthene-d10	9.84	164	426059	20.00	ng		-0.03
63) Phenanthrene-d10	11.31	188	725698	20.00	ng		-0.05
75) Chrysene-d12	13.95	240	487672	20.00	ng		-0.05
86) Perylene-d12	15.36	264	408689	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1286029	95.92	ng		-0.03
7) Phenol-d6	6.43	99	1600560	95.05	ng		-0.05
23) Nitrobenzene-d5	7.36	82	932110	59.14	ng		-0.05
41) 2,4,6-Tribromophenol	10.62	330	420721	97.81	ng		-0.05
44) 2-Fluorobiphenyl	9.16	172	1684331	68.30	ng		-0.03
78) Terphenyl-d14	12.90	244	1110265	50.82	ng		-0.05
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	127612	11.20	ng	#	71
25) Isophorone	7.36	82	784077	26.01	ng	#	66
32) Benzoic acid	7.88	122	580	6.30	ng	#	1
49) Dimethylphthalate	9.55	163	287847	9.45	ng	#	89
54) Dibenzofuran	10.03	168	44866	Below Cal			90
55) 4-Nitrophenol	10.03	139	18205	3.03	ng	#	14
56) 2,4-Dinitrotoluene	9.84	165	57486	6.80	ng	#	21
57) Fluorene	10.37	166	47944	Below Cal			96
64) 4,6-Dinitro-2-methylphenol	10.61	198	937	6.58	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	27083	3.47	ng	#	1
70) Phenanthrene	11.33	178	741023	19.52	ng		99
71) Anthracene	11.39	178	168071	4.52	ng		99
73) Di-n-butylphthalate	11.88	149	13313	Below Cal		#	93
74) Fluoranthene	12.52	202	737279	18.59	ng		98
77) Pyrene	12.75	202	648329	16.94	ng		99
80) Benzo(a)anthracene	13.94	228	277563	9.69	ng		98
82) Chrysene	13.97	228	184190	6.69	ng		98
85) Indeno(1,2,3-cd)pyrene	16.71	276	121394	5.57	ng		95
87) Benzo(b)fluoranthene	14.96	252	314207	11.75	ng	#	97
88) Benzo(k)fluoranthene	14.96	252	314207	14.37	ng		99
89) Benzo(a)pyrene	15.30	252	166108	7.33	ng		99
91) Benzo(g,h,i)perylene	17.12	276	108483	5.37	ng		98

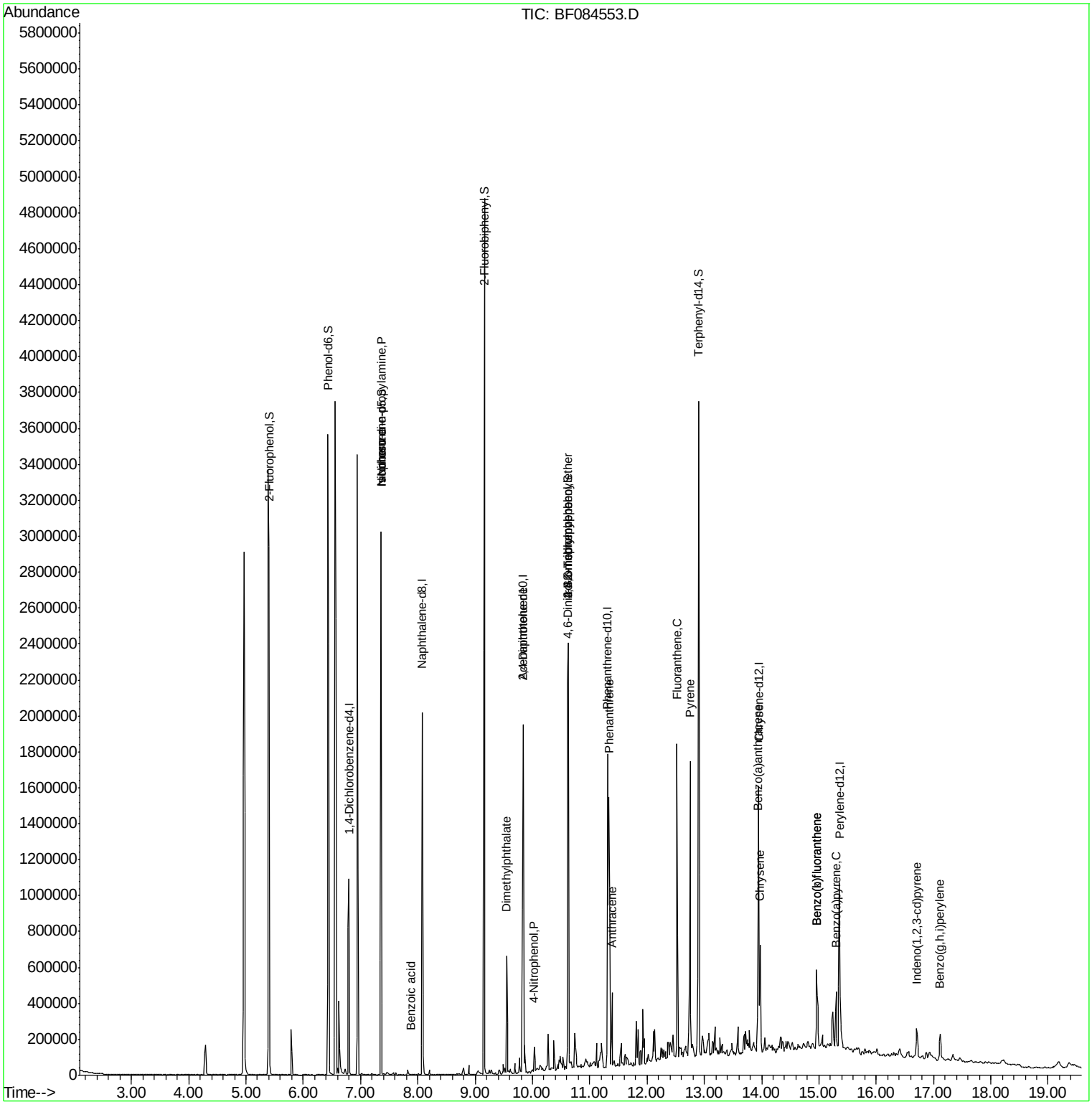
(#) = qualifier out of range (m) = manual integration (+) = signals summed

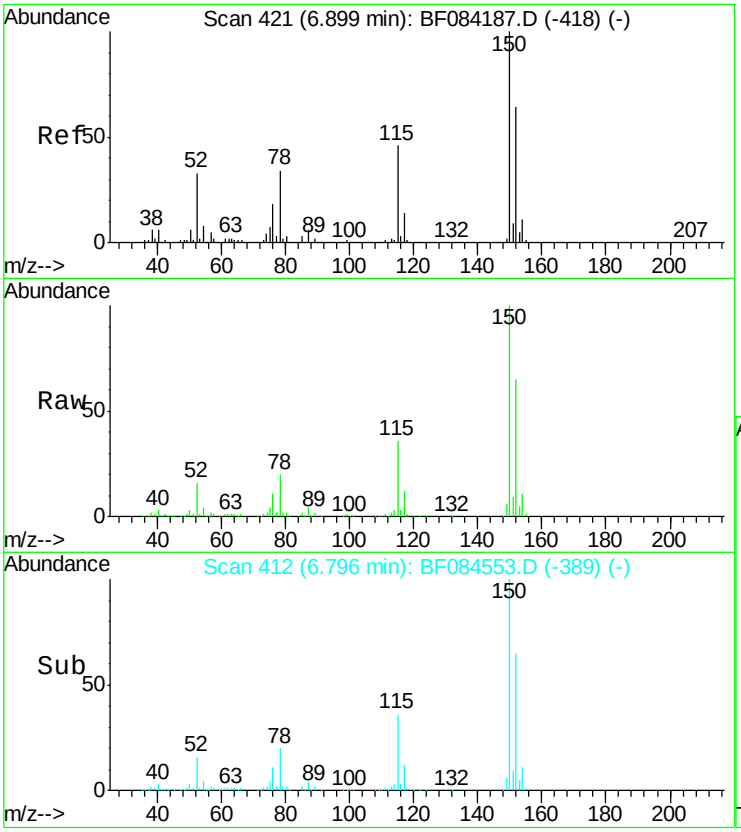
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084553.D
Acq On : 19 Jan 2016 15:43
Operator : SJ/UM
Sample : H1158-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Quant Time: Jan 19 23:59:02 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



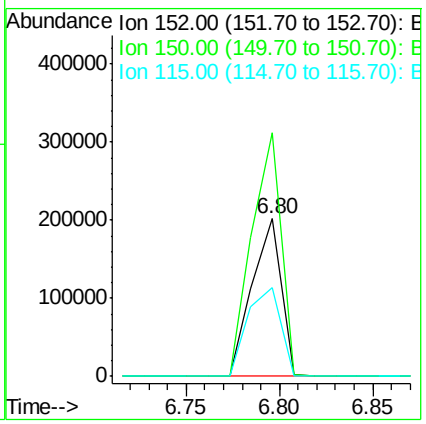


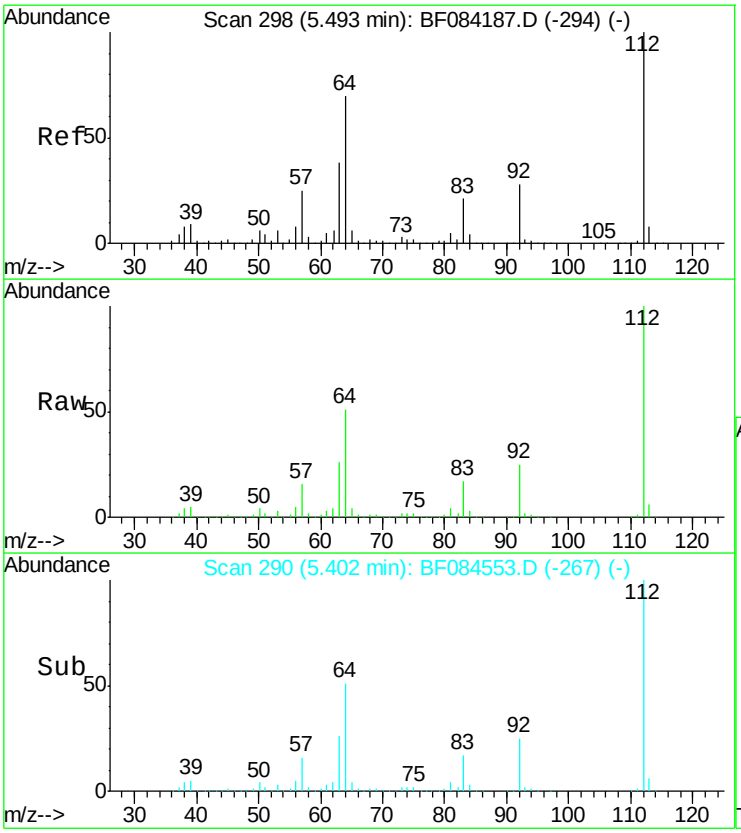
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tgt Ion:152 Resp: 216859

Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.0	184.4
115	56.0	51.4	77.2

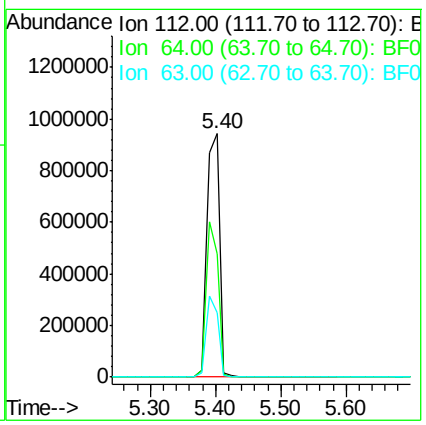


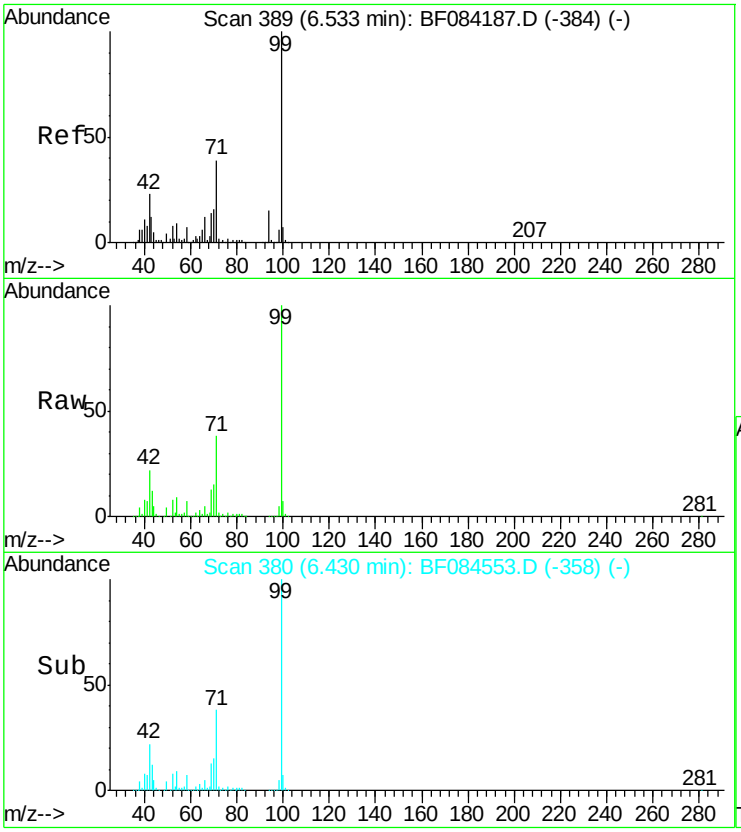


#5
2-Fluorophenol
Concen: 95.92 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.03 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion:112 Resp: 1286029

Ion	Ratio	Lower	Upper
112	100		
64	50.8	36.6	55.0
63	26.2	19.4	29.0



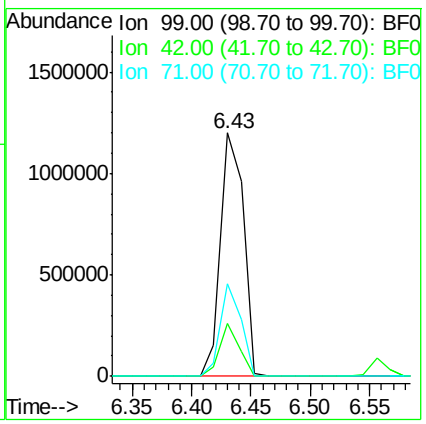


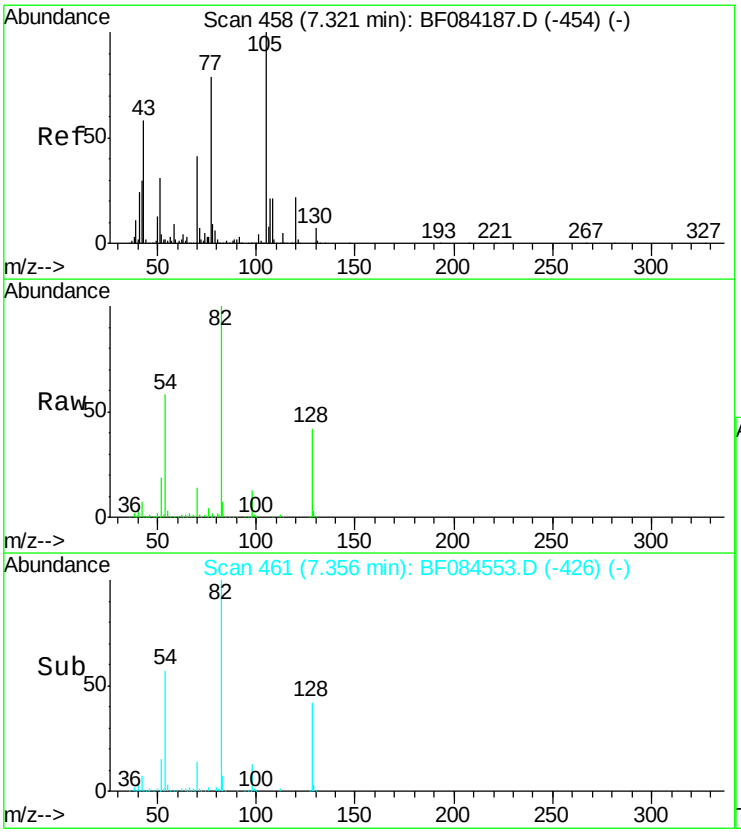
#7
Phenol-d6
Concen: 95.05 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.05 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tgt Ion: 99 Resp: 1600560

Ion	Ratio	Lower	Upper
99	100		
42	21.9	12.8	19.2#
71	37.9	30.9	46.3

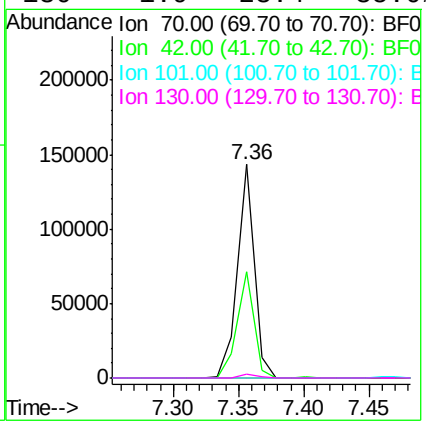


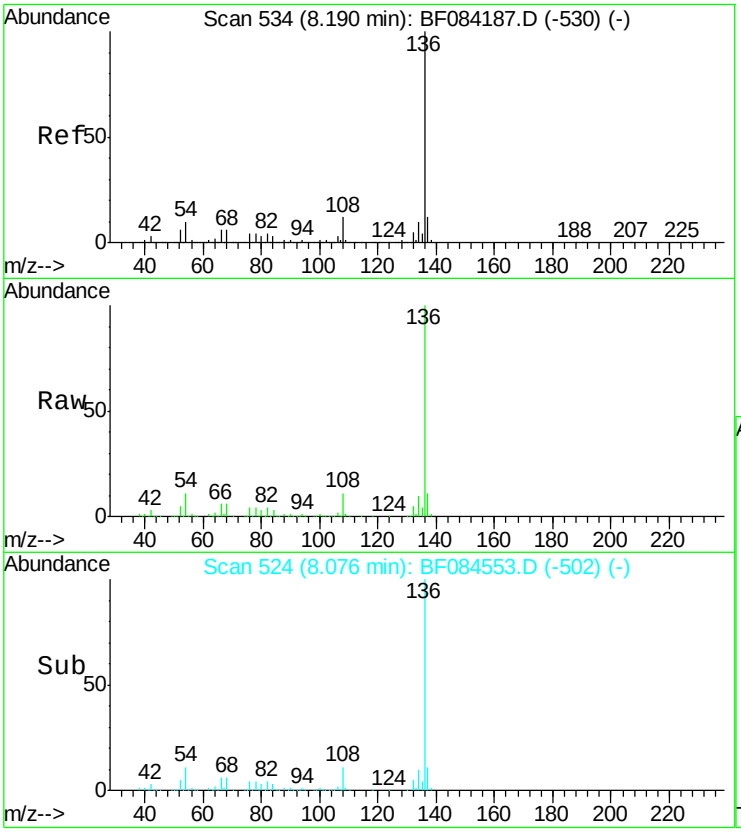


#19
n-Nitroso-di-n-propylamine
Concen: 11.20 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.10 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion: 70 Resp: 127612

Ion	Ratio	Lower	Upper
70	100		
42	49.8	33.3	49.9
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#



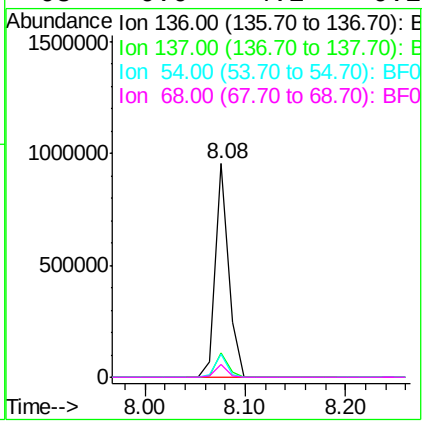


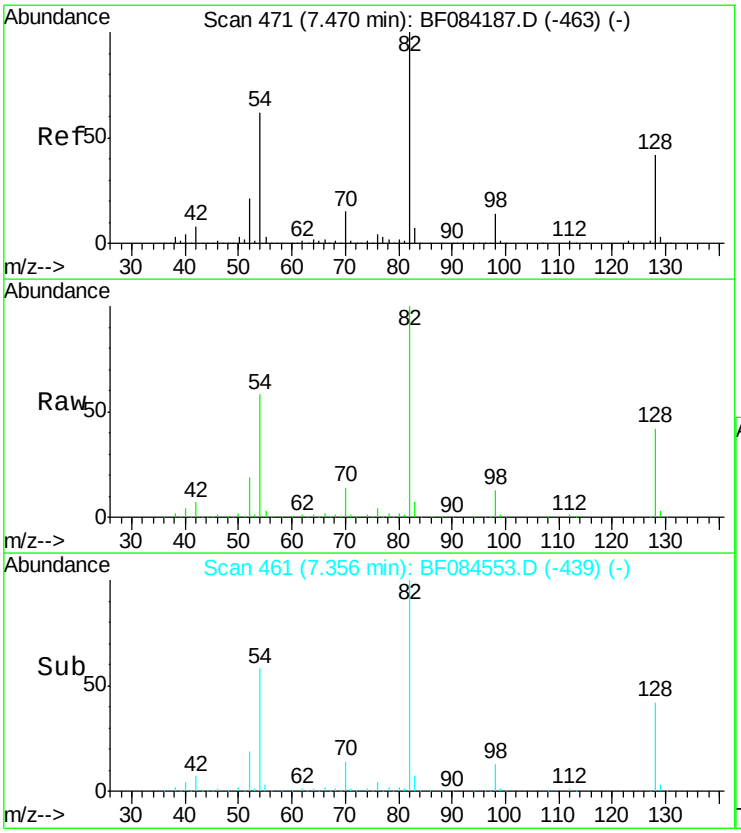
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.05 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tgt Ion:136 Resp: 877180

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.6	5.8	8.8#
68	6.0	4.2	6.2

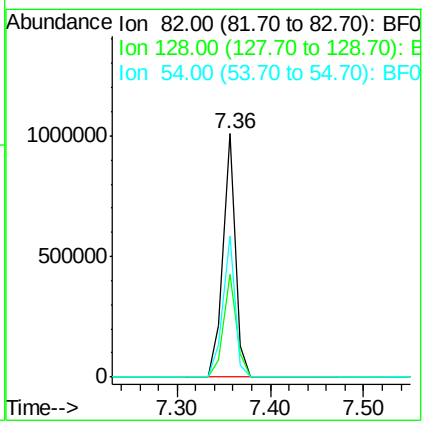


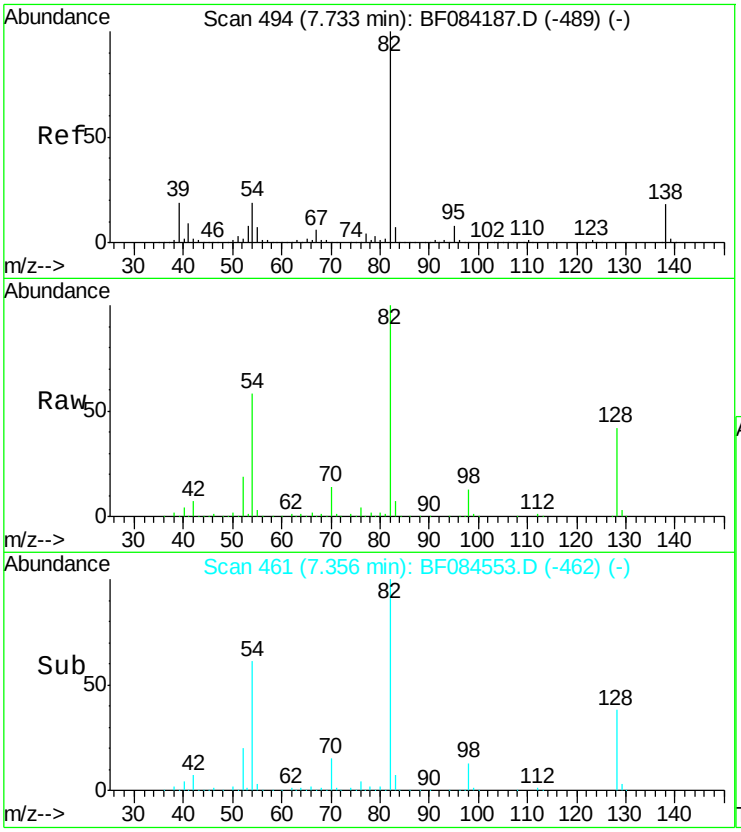


#23
Nitrobenzene-d5
Concen: 59.14 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion: 82 Resp: 932110

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	51.8
54	58.2	38.4	57.6#



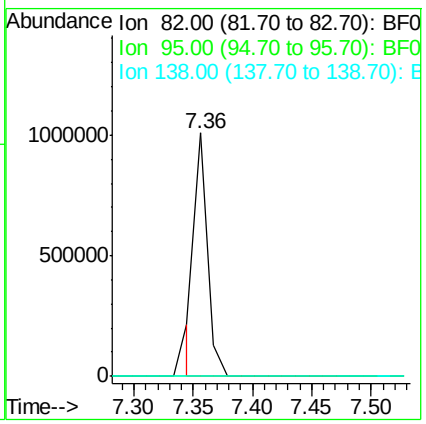


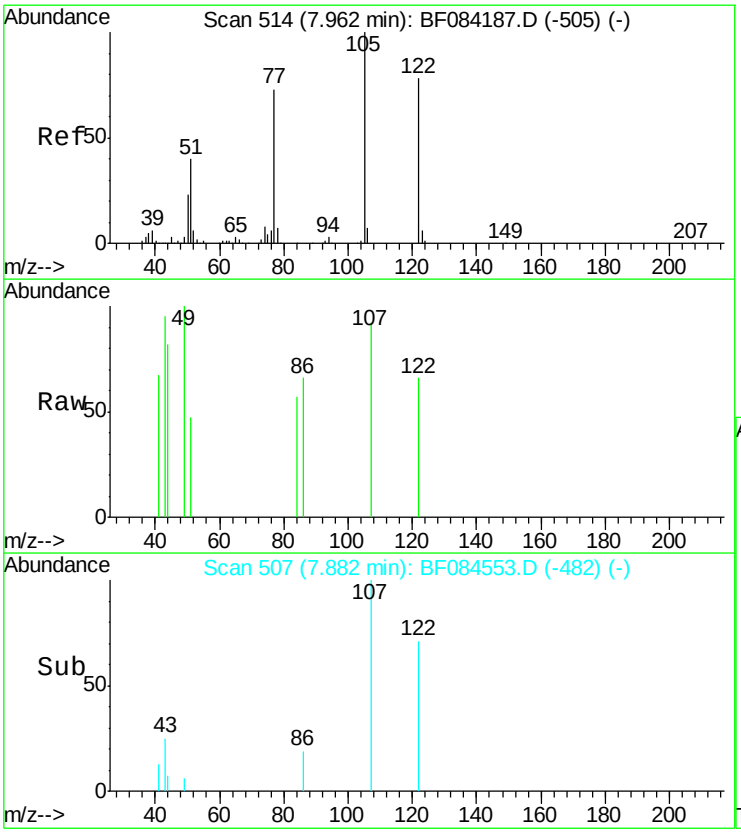
#25
Isophorone
Concen: 26.01 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.31 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tgt Ion: 82 Resp: 784077

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

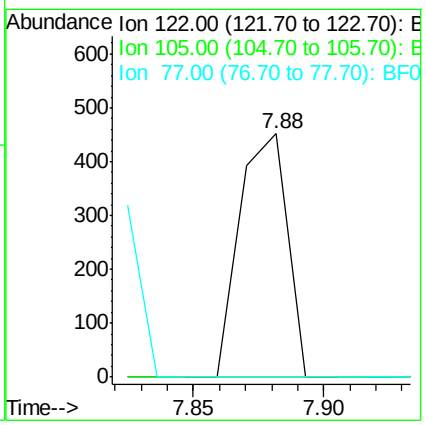


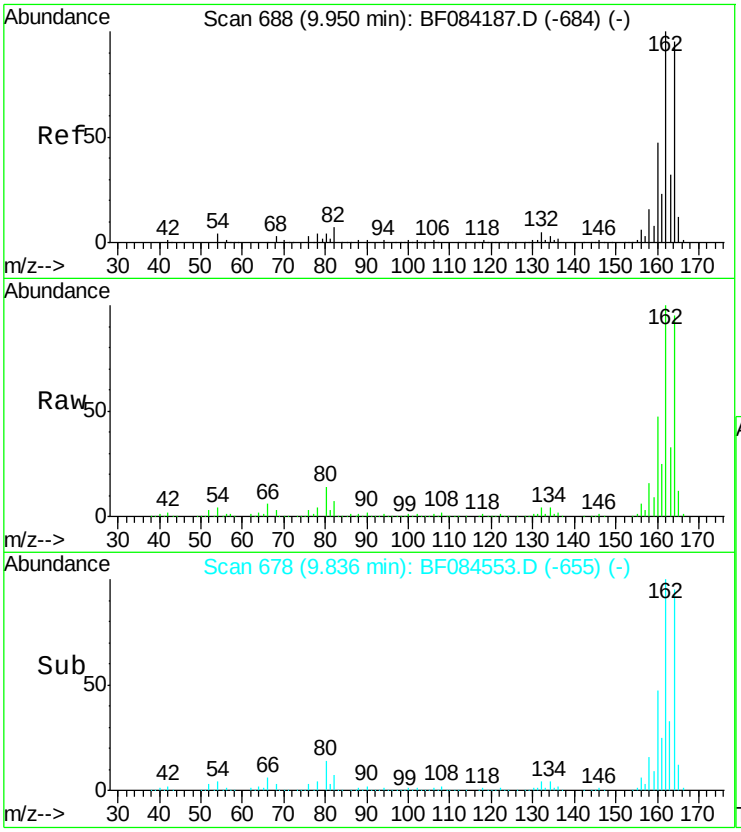


#32
Benzoic acid
Concen: 6.30 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion:122 Resp: 580

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



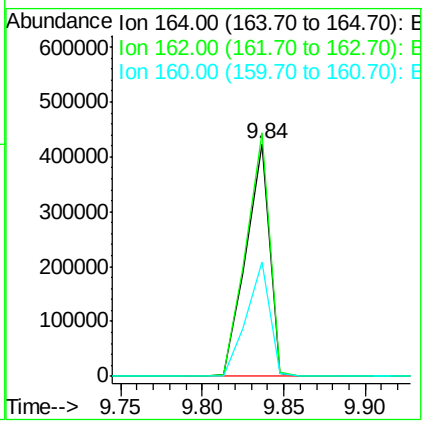


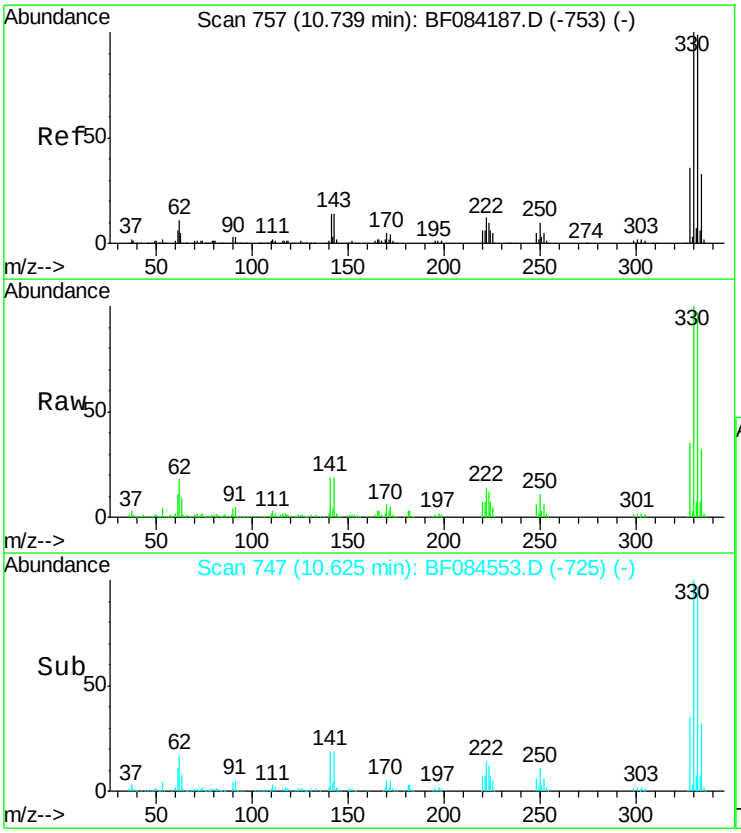
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tgt Ion:164 Resp: 426059

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.1	127.7
160	49.5	37.5	56.3

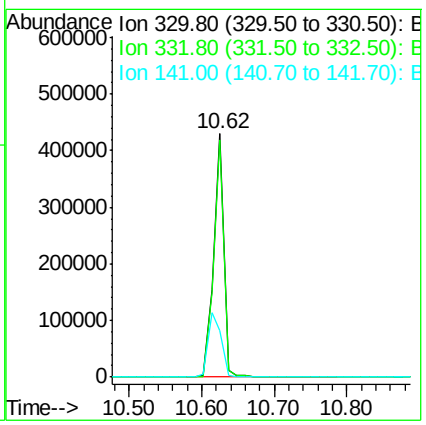


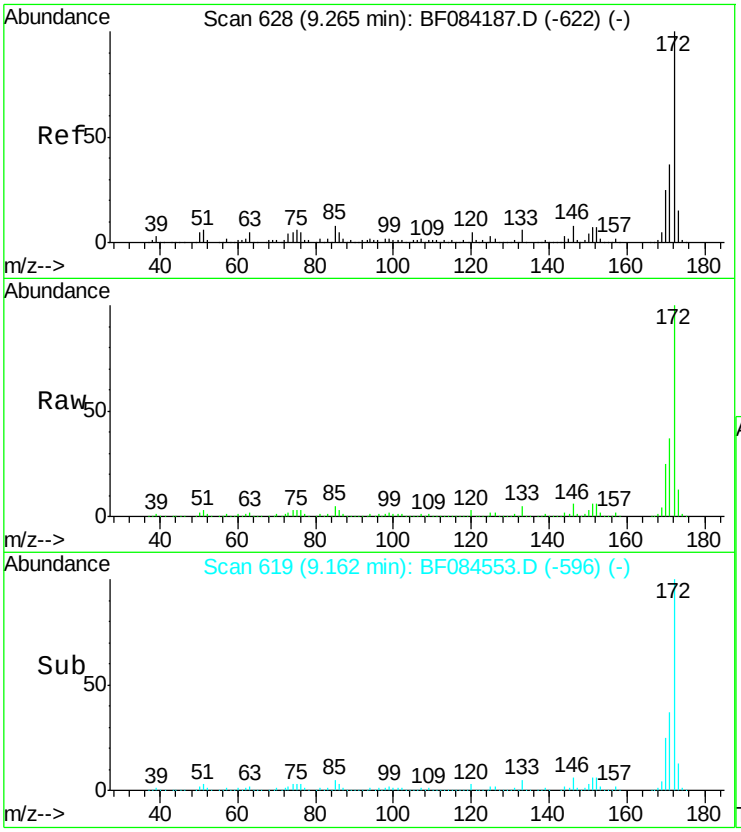


#41
2,4,6-Tribromophenol
Concen: 97.81 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion:330 Resp: 420721

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	34.0	27.8	41.6



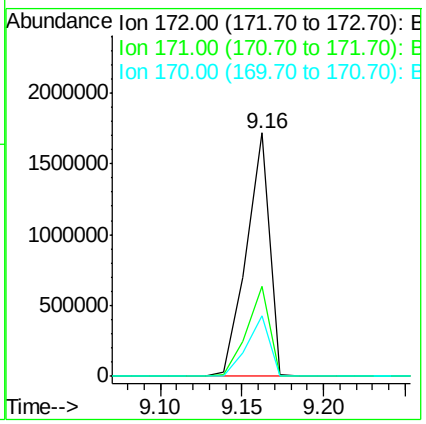


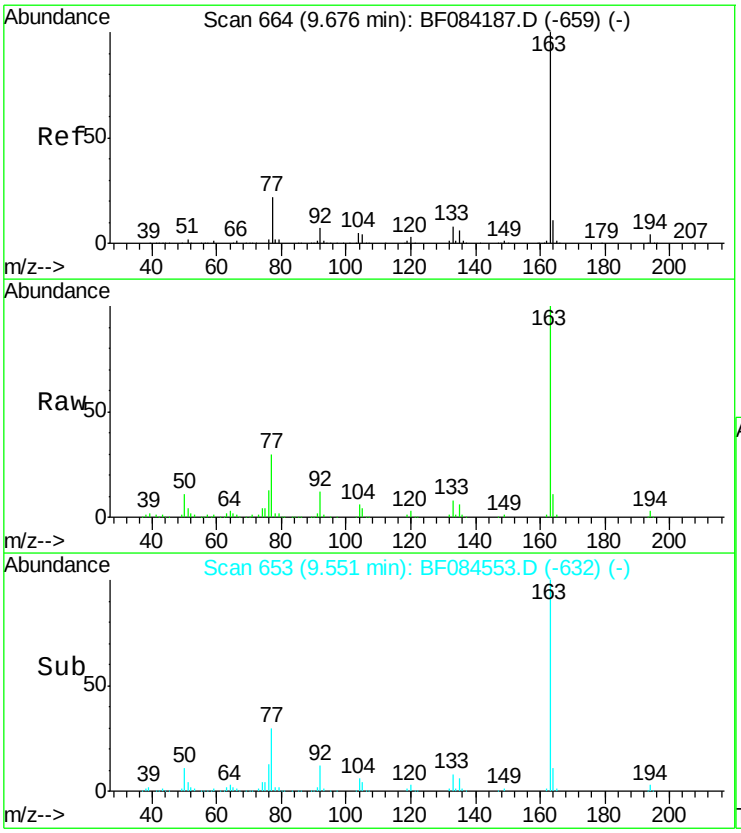
#44
2-Fluorobiphenyl
Concen: 68.30 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.03 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tgt Ion:172 Resp: 1684331

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	24.9	18.6	27.8

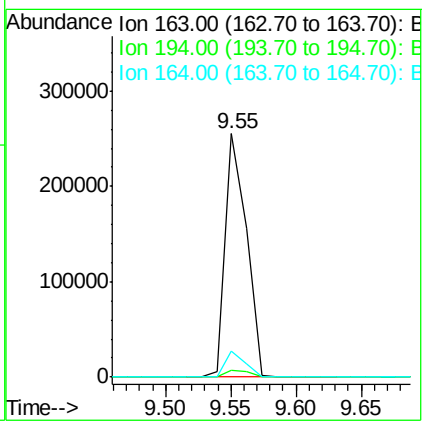


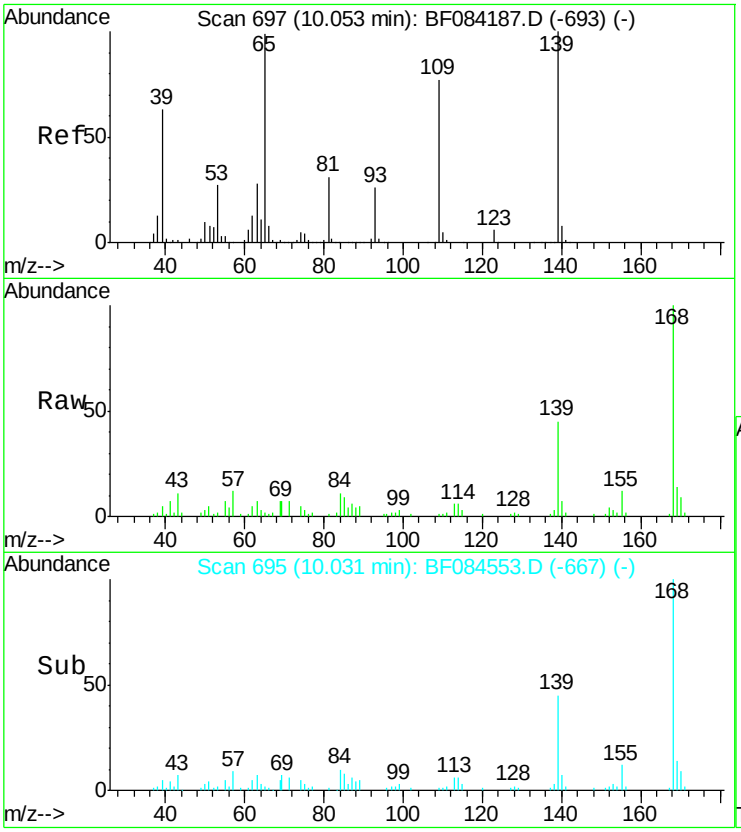


#49
Dimethylphthalate
Concen: 9.45 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.06 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion:163 Resp: 287847

Ion	Ratio	Lower	Upper
163	100		
194	2.7	8.0	12.0#
164	10.8	8.0	12.0



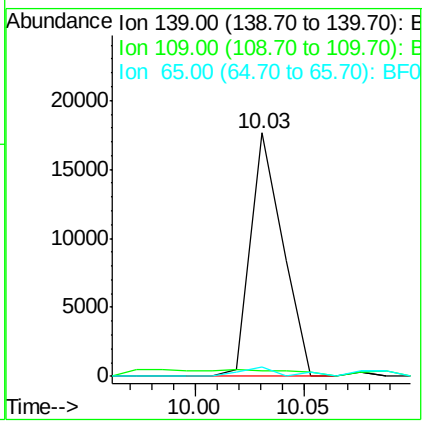


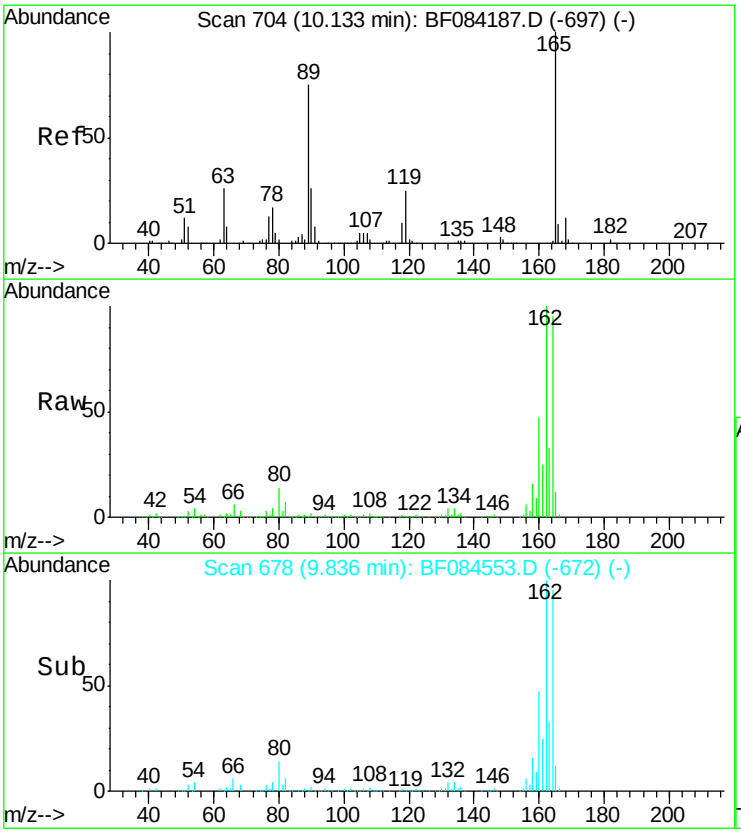
#55
4-Nitrophenol
Concen: 3.03 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.02 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tgt Ion:139 Resp: 18205

Ion	Ratio	Lower	Upper
139	100		
109	2.5	58.5	98.5#
65	4.0	57.6	97.6#

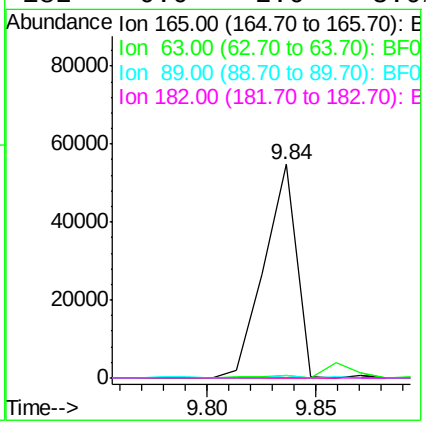


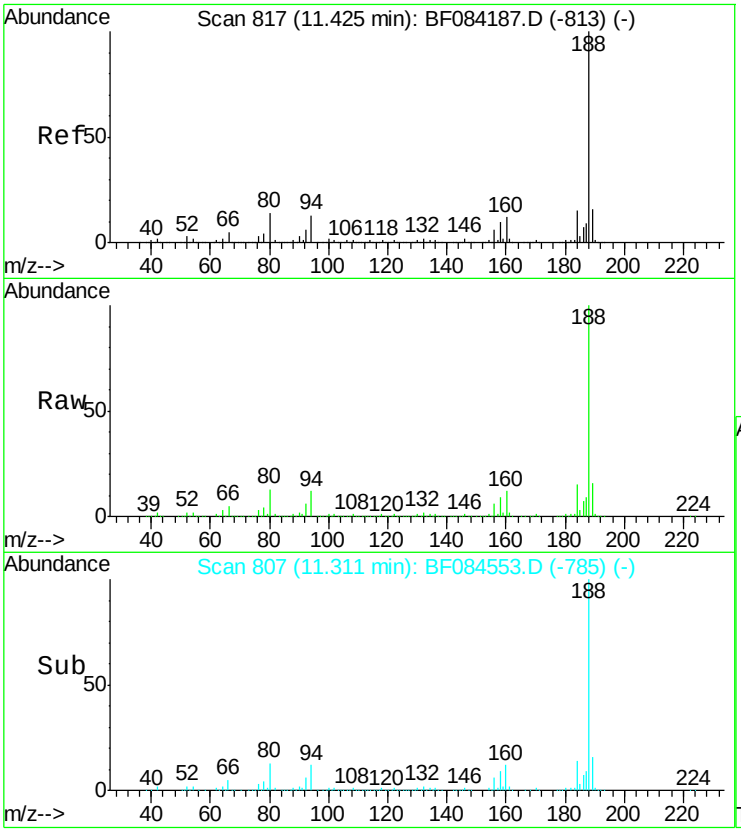


#56
2,4-Dinitrotoluene
Concen: 6.80 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.23 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion:165 Resp: 57486

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



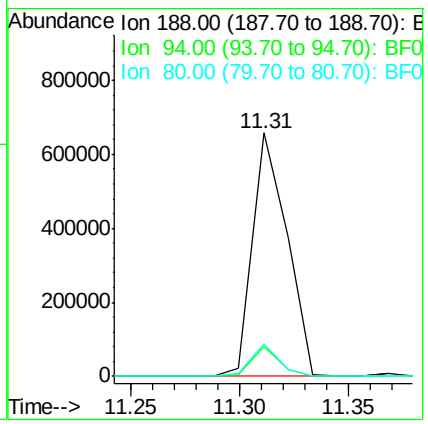


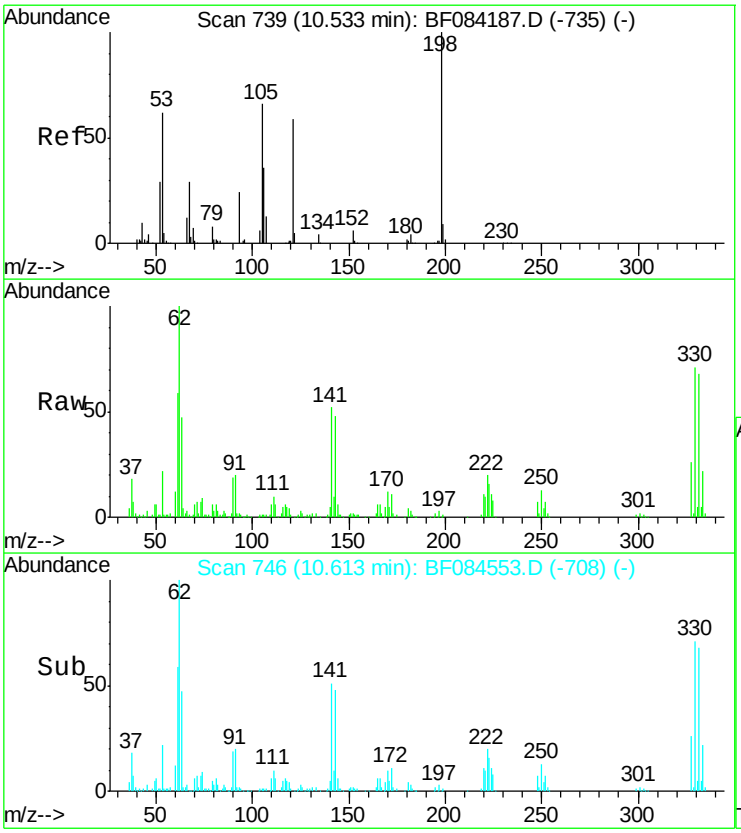
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tgt Ion:188 Resp: 725698

Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.0	13.4
80	13.3	9.6	14.4

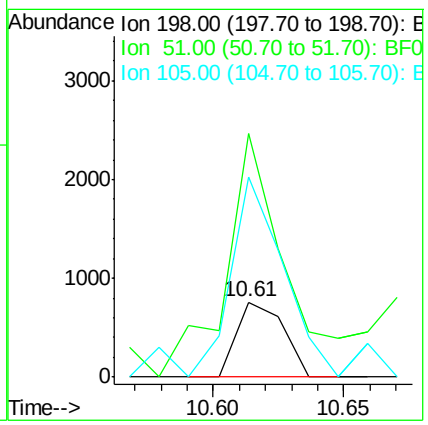


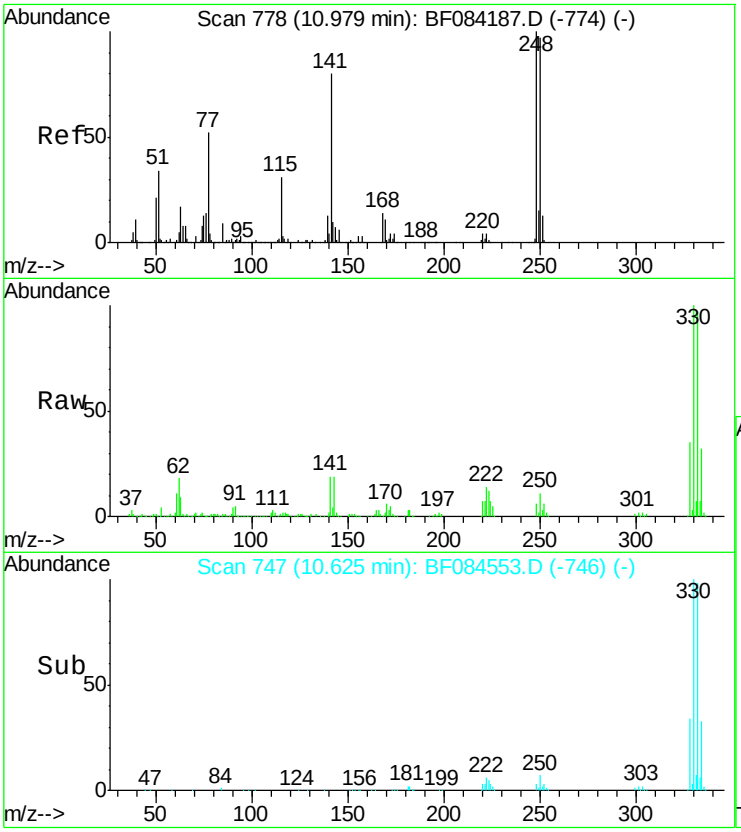


#64
4,6-Dinitro-2-methylphenol
Concen: 6.58 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.14 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion:198 Resp: 937

Ion	Ratio	Lower	Upper
198	100		
51	326.1	18.9	58.9#
105	267.9	26.4	66.4#



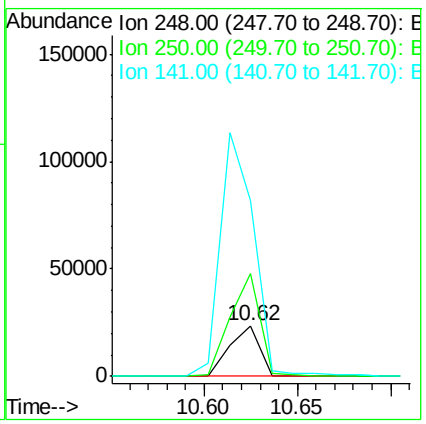


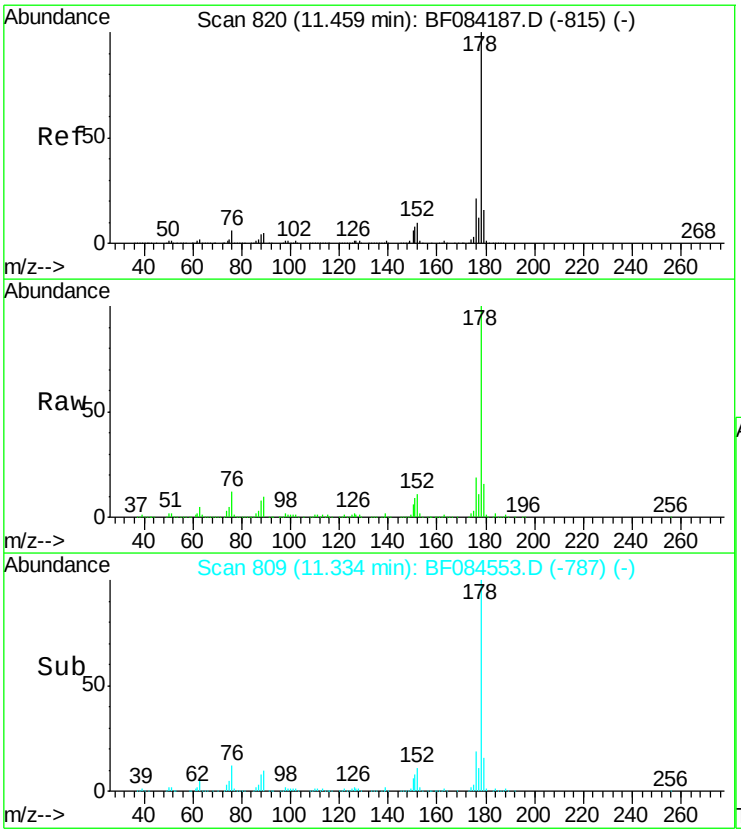
#66
4-Bromophenyl-phenylether
Concen: 3.47 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.29 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tgt Ion:248 Resp: 27083

Ion	Ratio	Lower	Upper
248	100		
250	202.6	78.4	117.6#
141	345.3	44.0	66.0#

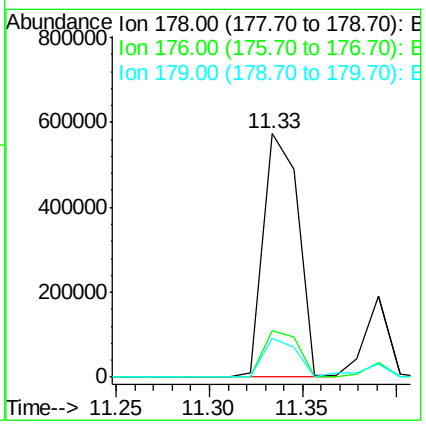


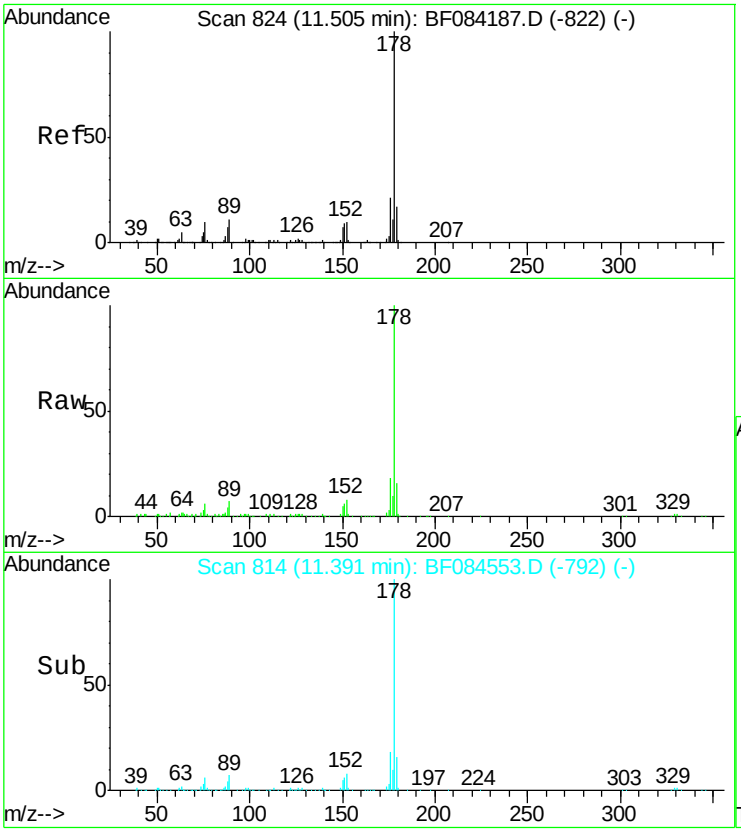


#70
Phenanthrene
Concen: 19.52 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion:178 Resp: 741023

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	16.2	12.0	18.0



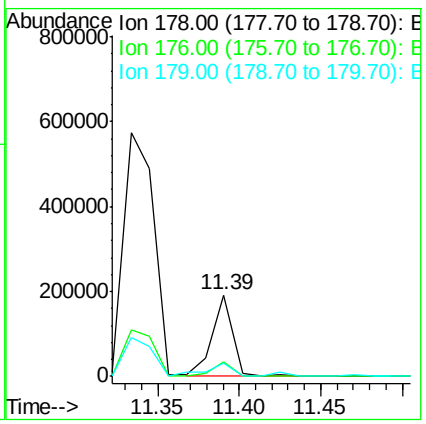


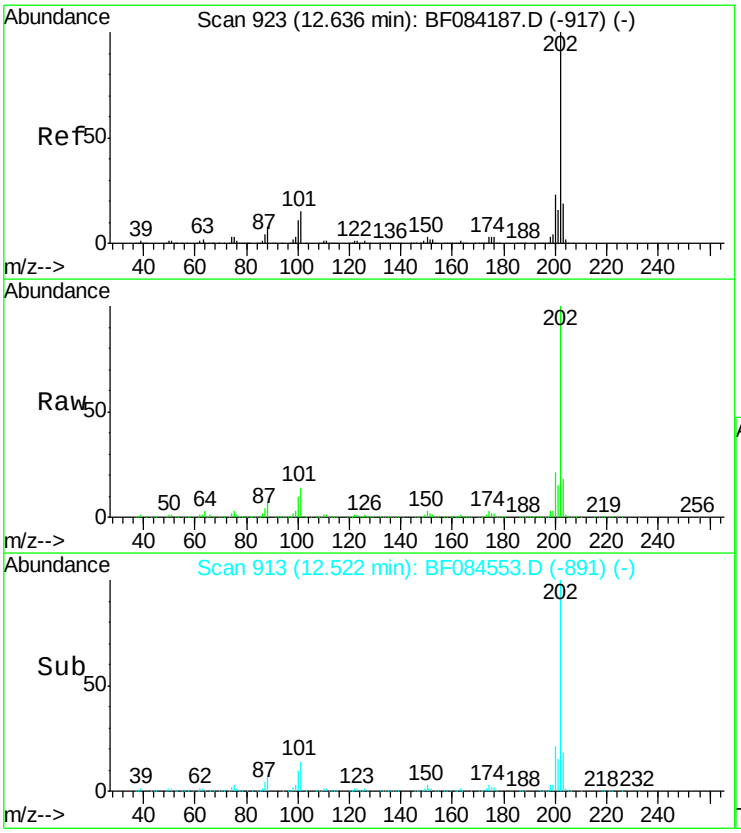
#71
Anthracene
Concen: 4.52 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tgt Ion:178 Resp: 168071

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.0
179	15.7	12.5	18.7

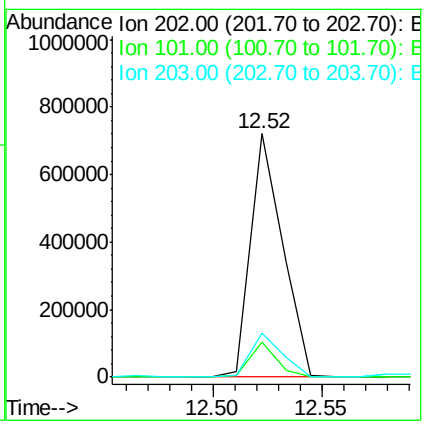


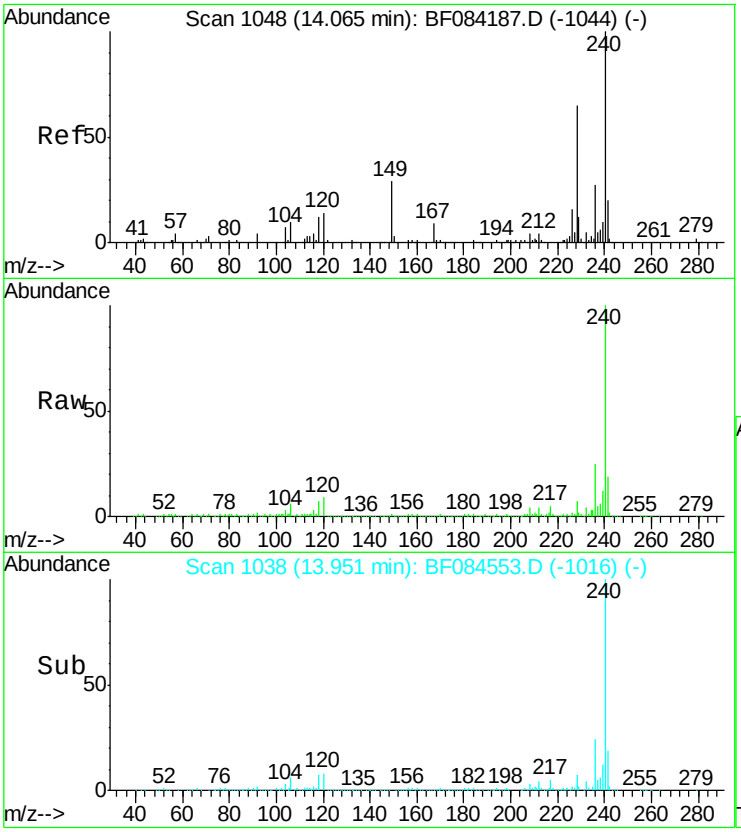


#74
Fluoranthene
Concen: 18.59 ng
RT: 12.52 min Scan# 913
Delta R.T. -0.05 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion:202 Resp: 737279

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	32.8
203	18.2	0.0	37.9



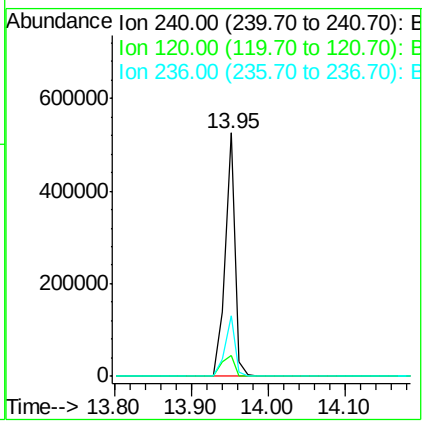


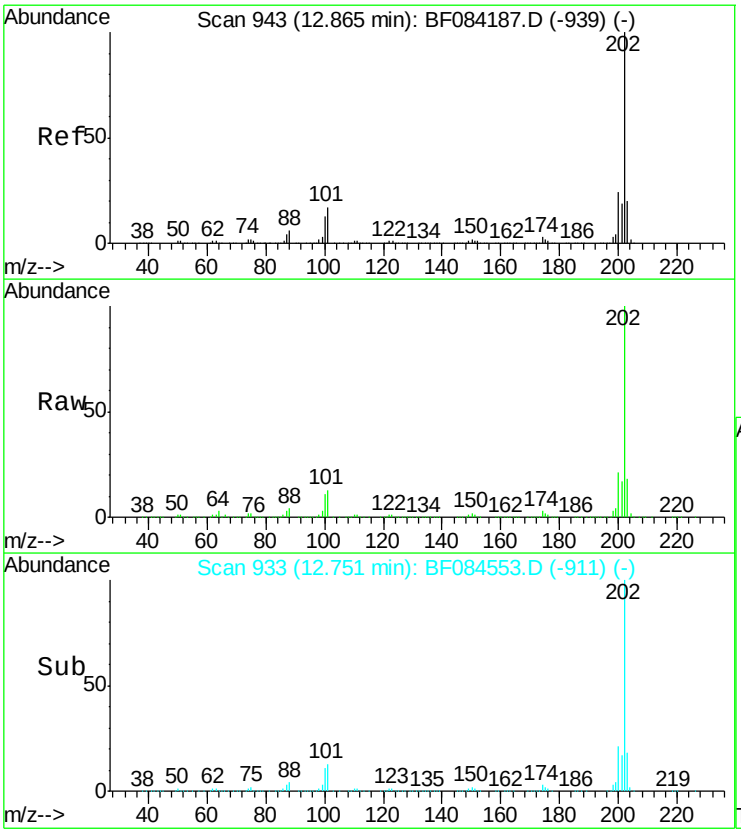
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tgt Ion:240 Resp: 487672

Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	24.6	20.6	31.0

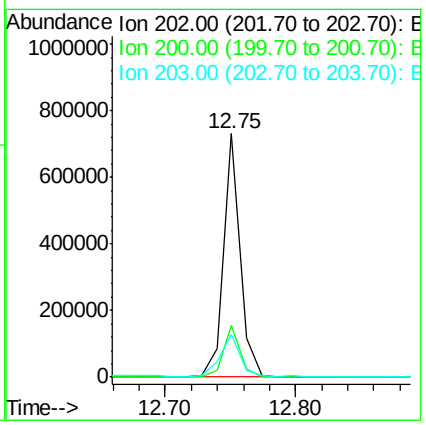


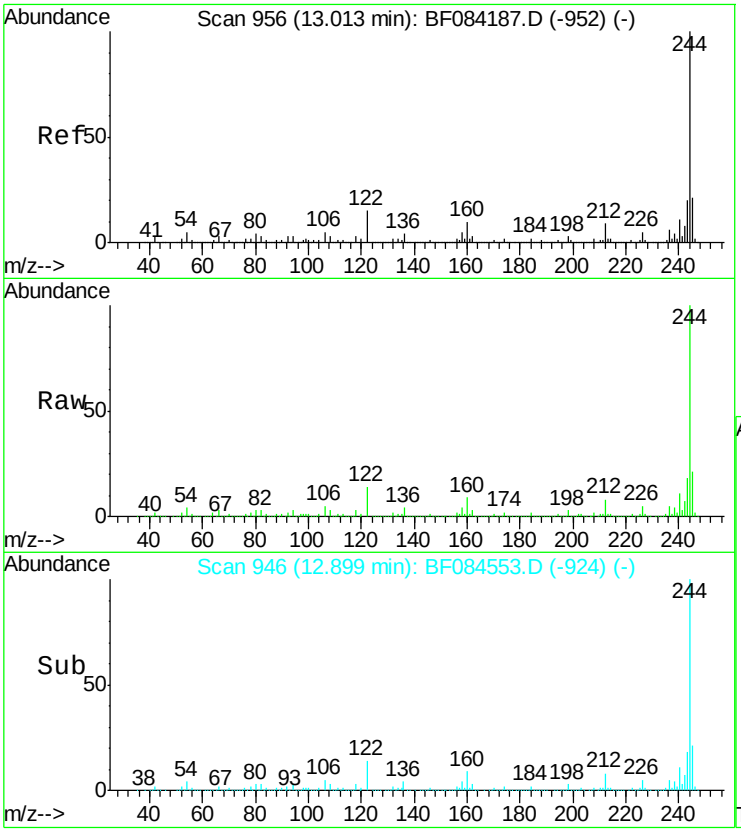


#77
Pyrene
Concen: 16.94 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.05 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion:202 Resp: 648329

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.7	14.3	21.5



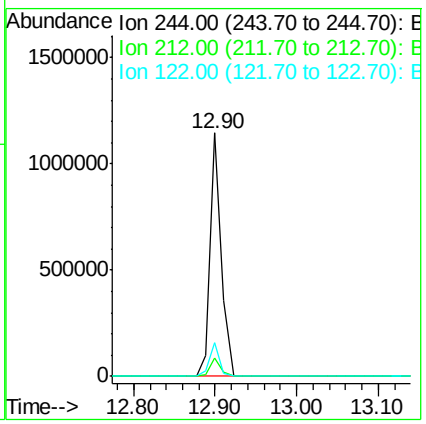


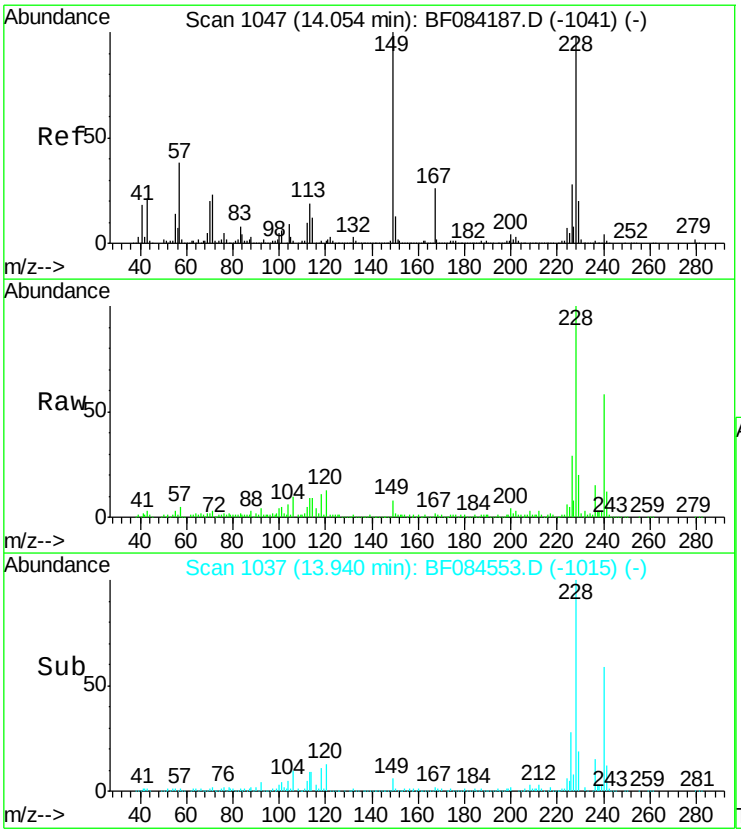
#78
Terphenyl-d14
Concen: 50.82 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.05 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tgt Ion:244 Resp: 1110265

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	14.0	7.4	11.0#

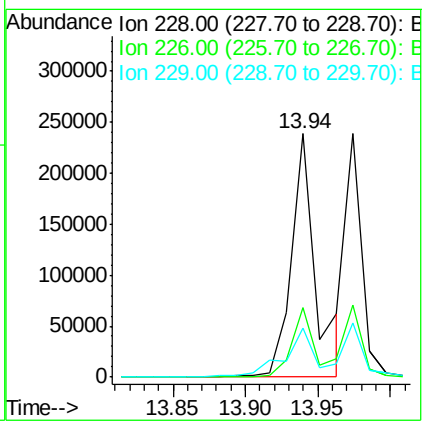


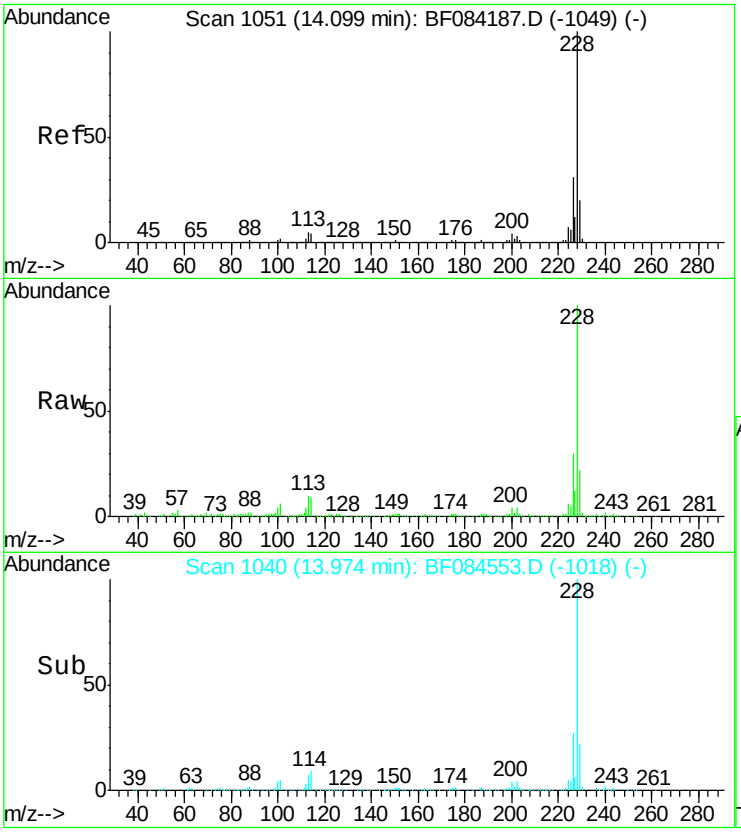


#80
Benzo(a)anthracene
Concen: 9.69 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion:228 Resp: 277563

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.8	32.6
229	20.4	15.8	23.8



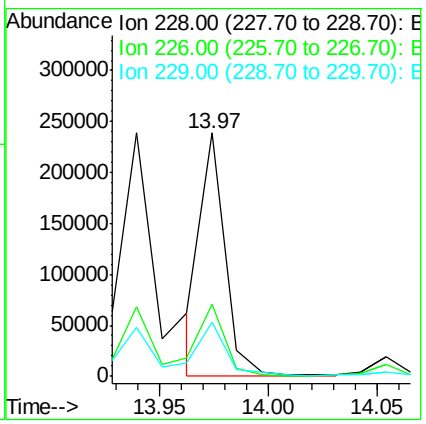


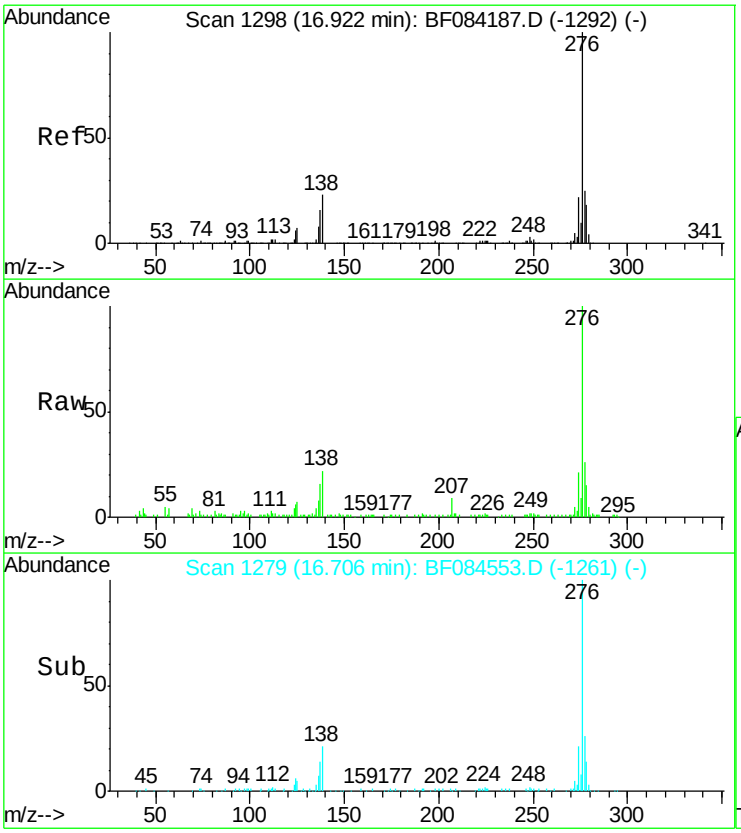
#82
Chrysene
Concen: 6.69 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tgt Ion:228 Resp: 184190

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	22.1	16.1	24.1

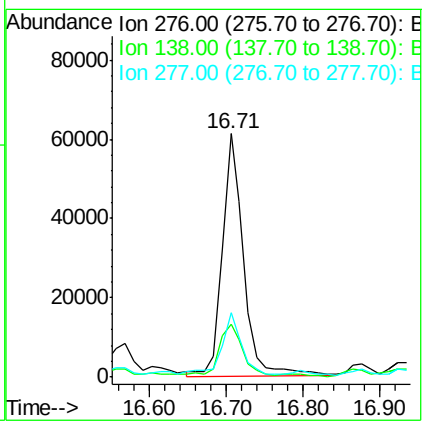


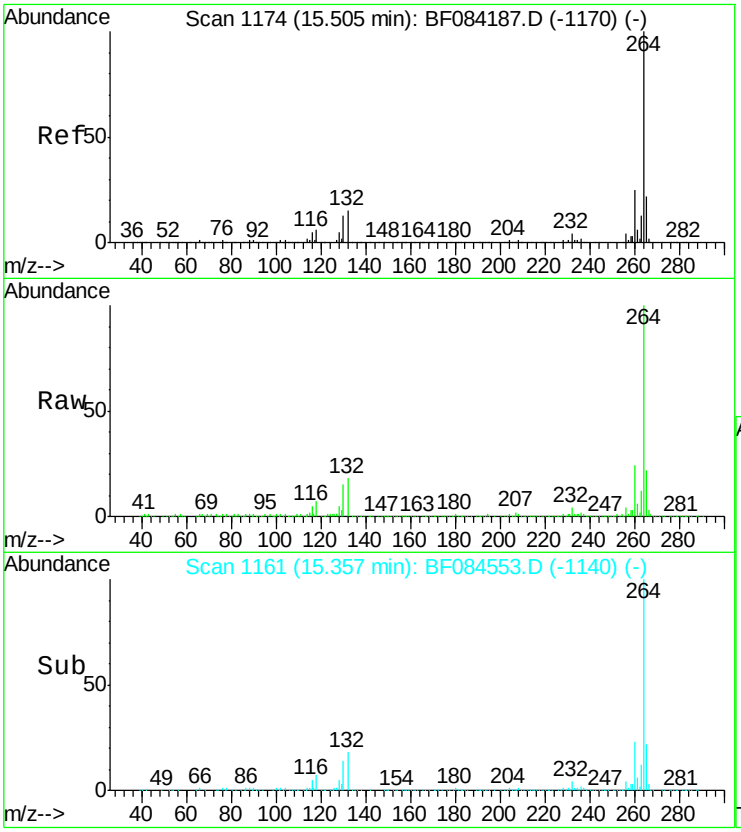


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.57 ng
RT: 16.71 min Scan# 1279
Delta R.T. -0.09 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion:276 Resp: 121394

Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.6	30.8
277	23.6	20.1	30.1



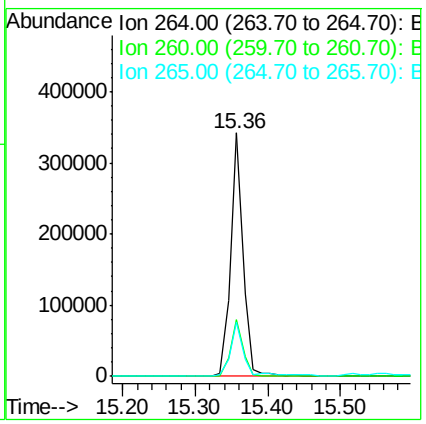


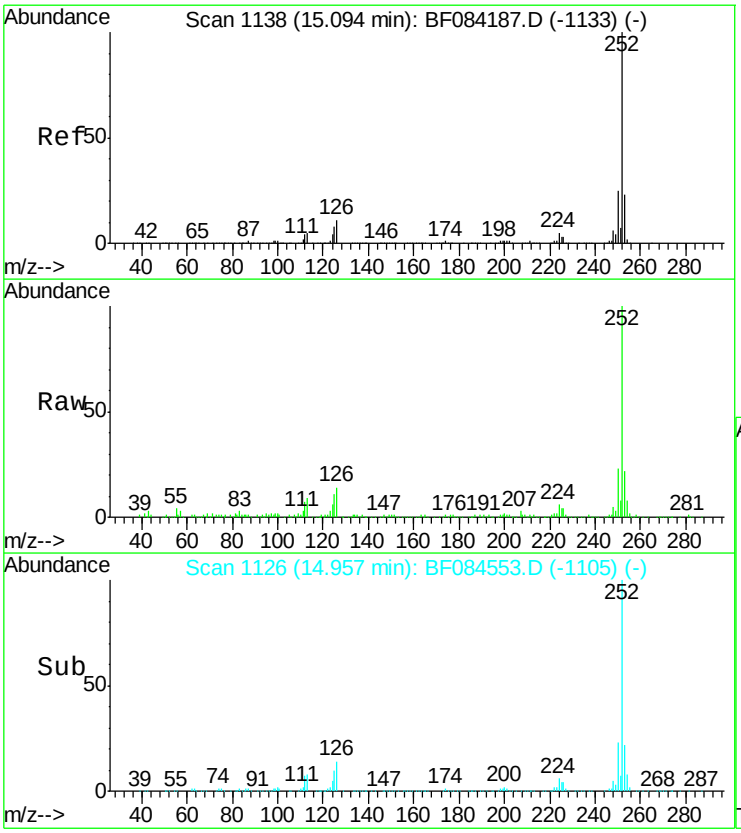
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.06 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tgt Ion:264 Resp: 408689

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	22.3	17.8	26.6

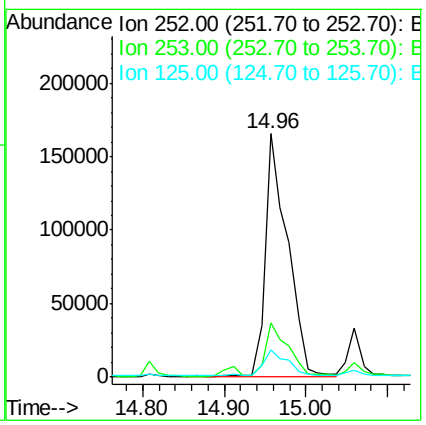


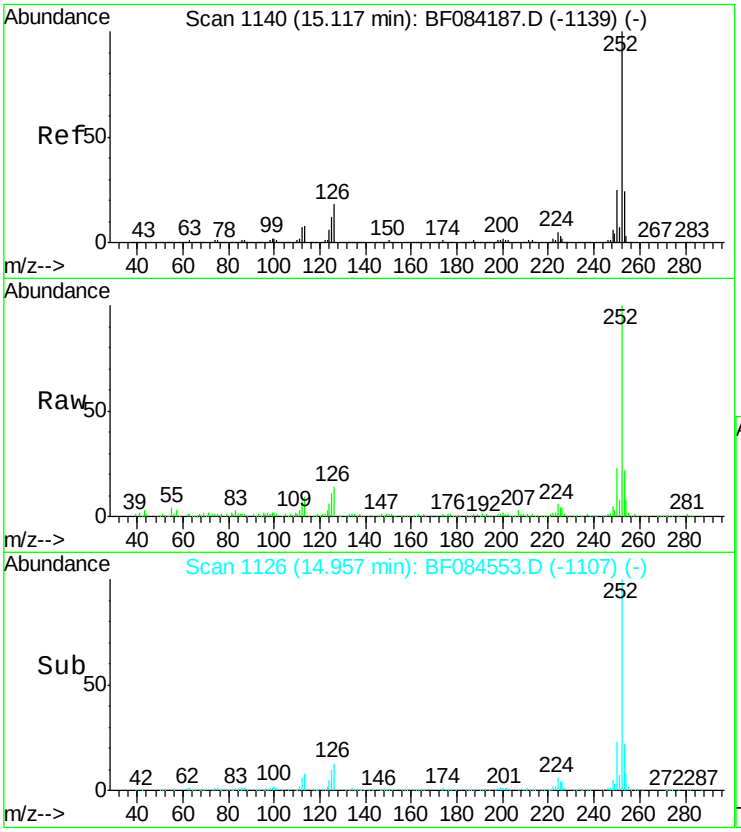


#87
Benzo(b)fluoranthene
Concen: 11.75 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.06 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion:252 Resp: 314207

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	11.0	6.5	9.7#



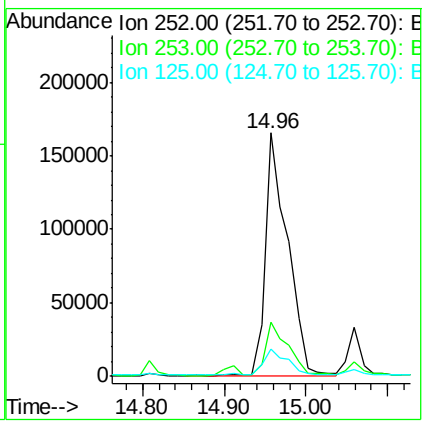


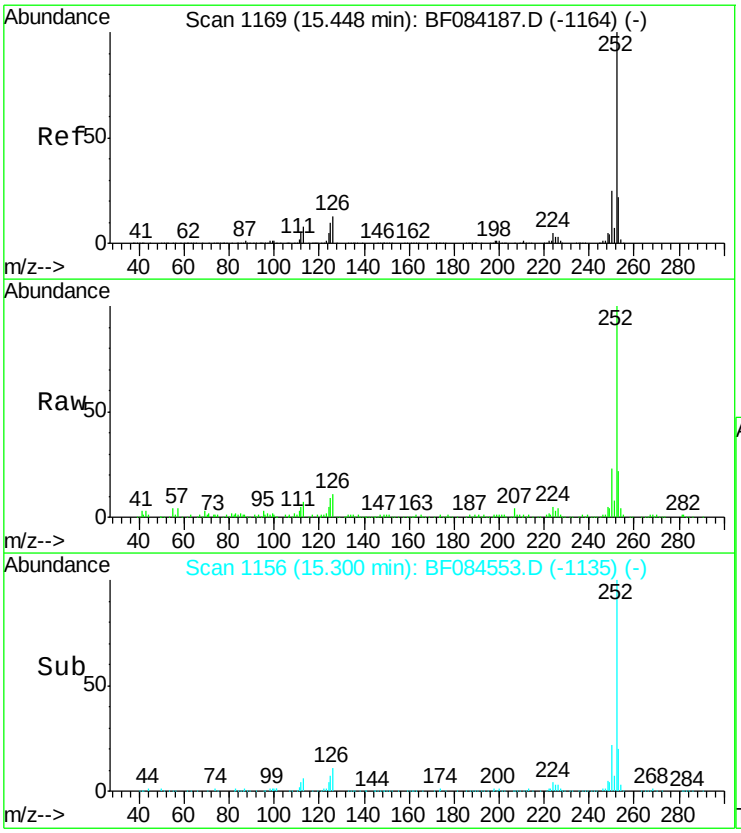
#88
Benzo(k)fluoranthene
Concen: 14.37 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.08 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tgt Ion:252 Resp: 314207

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	11.0	9.0	13.6

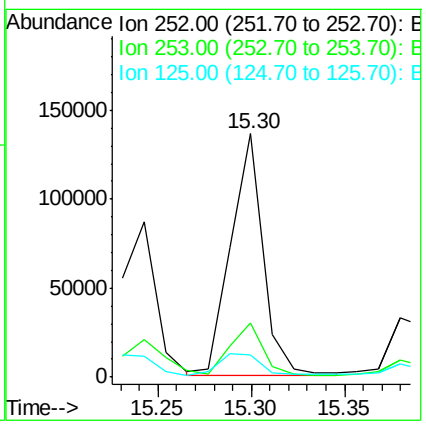


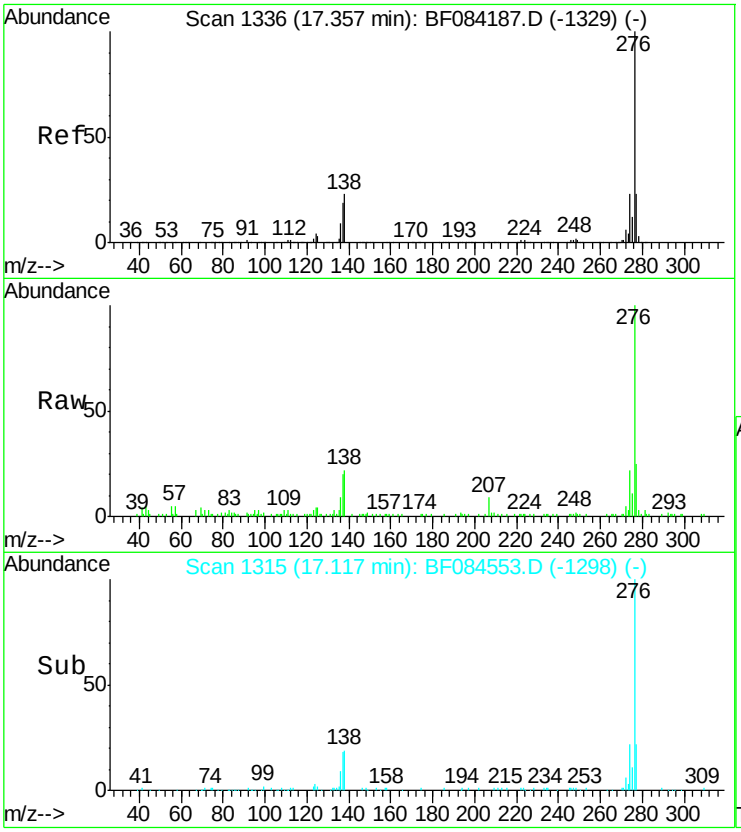


#89
Benzo(a)pyrene
Concen: 7.33 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion:252 Resp: 166108

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	8.8	7.0	10.4





#91
Benzo(g,h,i)perylene
Concen: 5.37 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.10 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tgt Ion:276 Resp: 108483

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	21.6	17.8	26.6