Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087764.D
Acq On : 6 Jun 2016 21:20
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-27-20160531

Quant Time: Jun 07 01:16:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125650	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	512247	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	188959	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	316755	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	247939	20.00	ng		-0.02
86) Perylene-d12	15.43	264	197968	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	641082	82.47	ng		0.00
7) Phenol-d6	6.48	99	783694	80.39	ng		-0.01
23) Nitrobenzene-d5	7.42	82	468966	52.97	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	131356	69.25	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	700428	50.29	ng		-0.02
78) Terphenyl-d14	12.96	244	529117	52.07	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	62215	10.22	ng	#	72
48) Acenaphthylene	9.75	152	59464	3.12	ng		98
49) Dimethylphthalate	9.61	163	175481	12.77	ng		99
56) 2,4-Dinitrotoluene	9.88	165	24657	6.20	ng	#	38
64) 4,6-Dinitro-2-methylphenol	10.67	198	267	2.16	ng	#	1
66) 4-Bromophenyl-phenylether	10.67	248	8755	2.79	ng	#	1
70) Phenanthrene	11.39	178	312134	18.17	ng		98
71) Anthracene	11.44	178	83797	4.87	ng		98
72) Carbazole	11.60	167	40551	2.49	ng		98
74) Fluoranthene	12.58	202	494615	29.27	ng		95
77) Pyrene	12.81	202	482775	27.34	ng		99
80) Benzo(a)anthracene	13.99	228	246108	17.20	ng		94
82) Chrysene	14.02	228	185885	13.05	ng		96
83) Bis(2-ethylhexyl)phthalate	13.99	149	23296	2.61	ng		98
85) Indeno(1,2,3-cd)pyrene	16.81	276	113422	9.63	ng	#	100
87) Benzo(b)fluoranthene	15.02	252	298458	23.18	ng	#	93
88) Benzo(k)fluoranthene	15.02	252	298458	27.86	ng		98
89) Benzo(a)pyrene	15.46	252	50260	4.64	ng		96
90) Dibenzo(a,h)anthracene	16.82	278	25748	2.79	ng	#	86
91) Benzo(g,h,i)perylene	17.23	276	119063	12.81	ng		97

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

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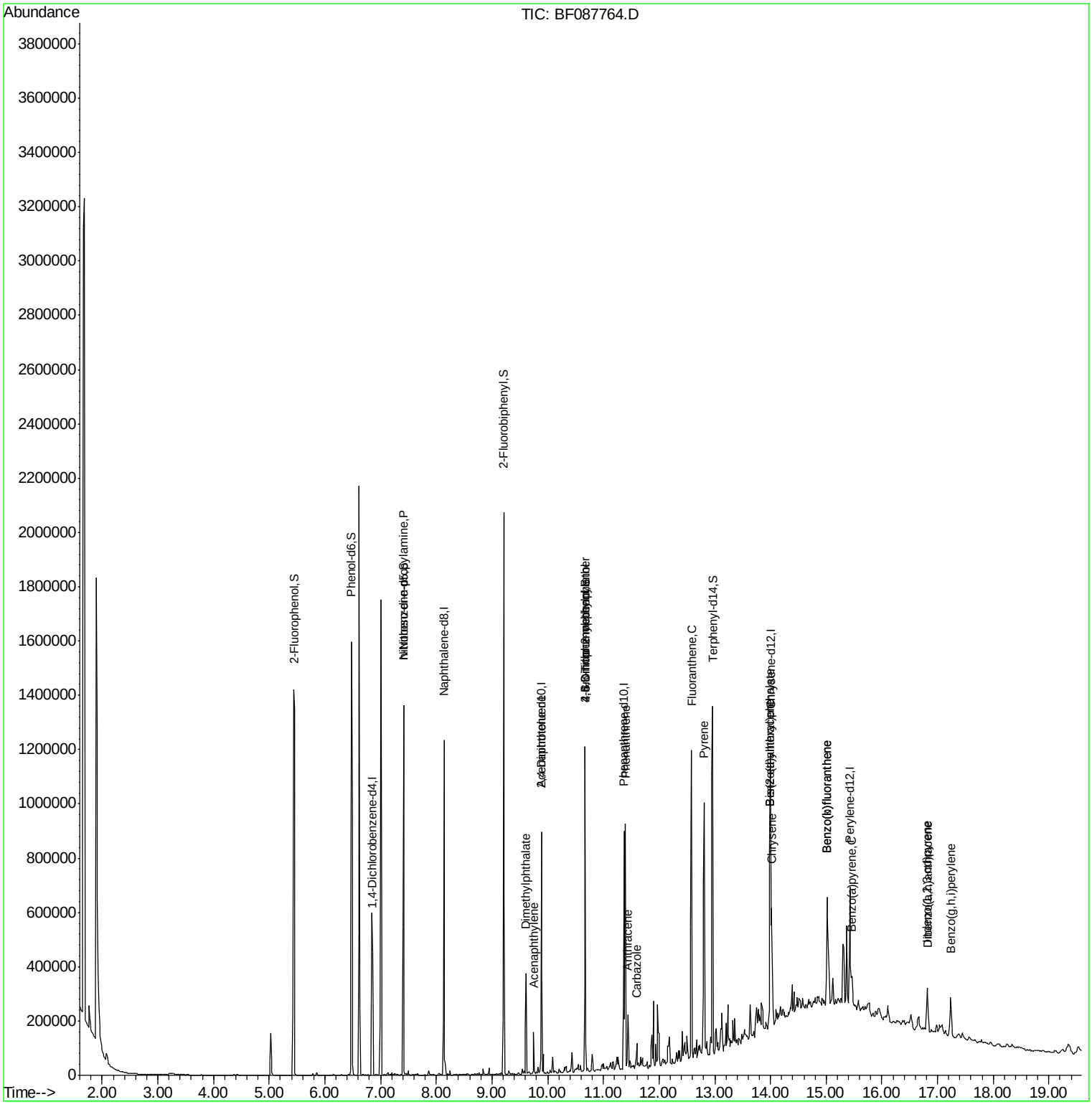
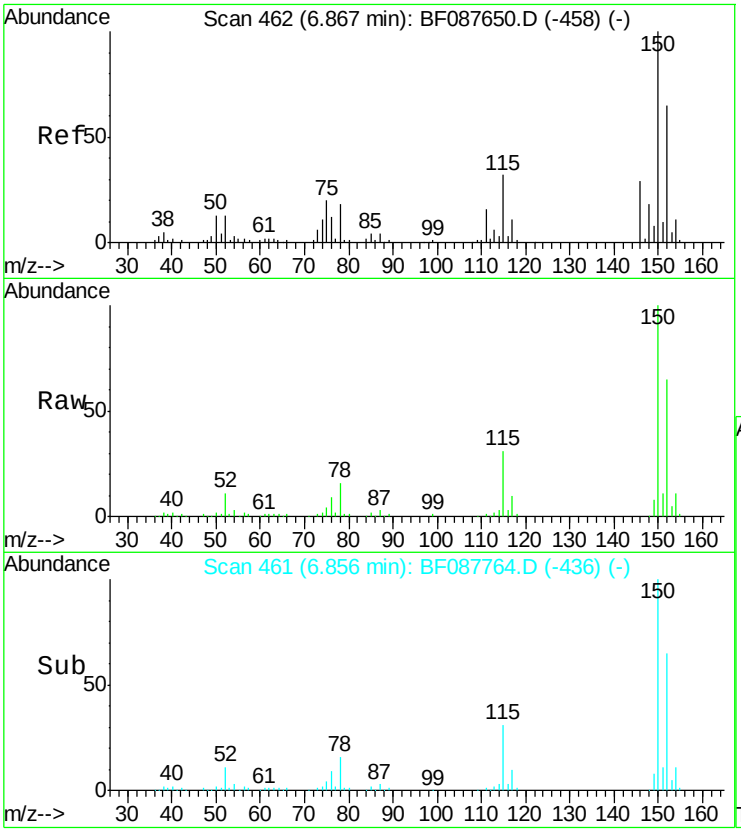


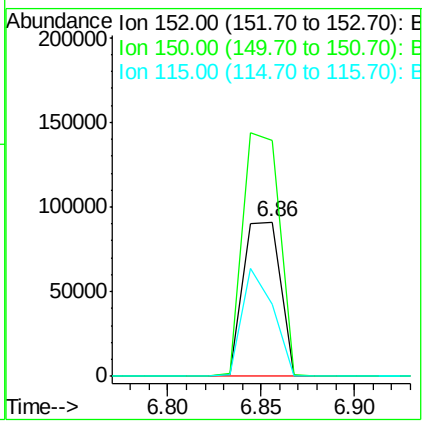


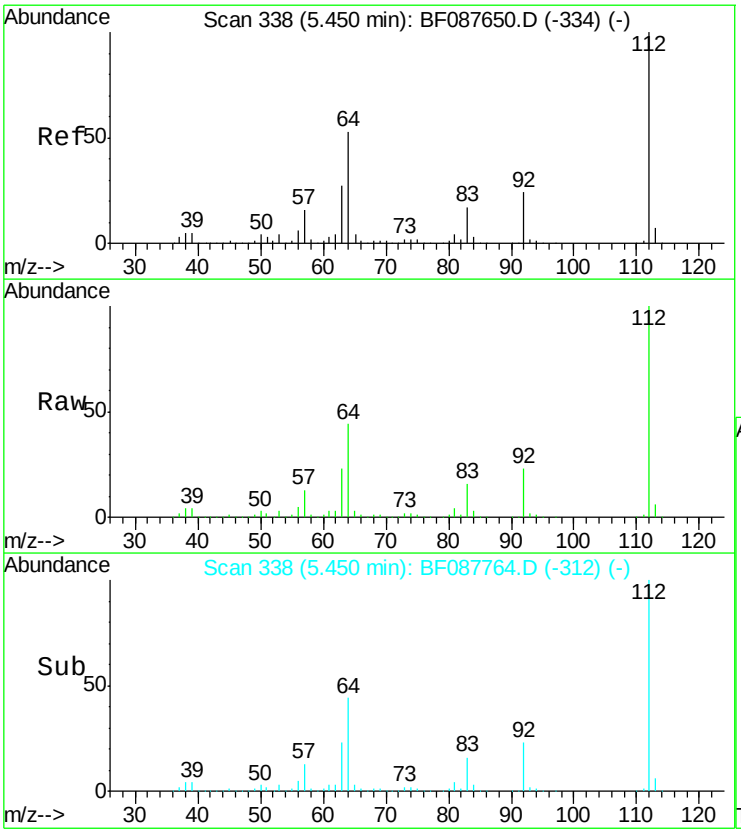
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Instrument :
BNA_F
ClientSampleId :
POST-EX-27-20160531

Tgt Ion:152 Resp: 125650

Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.8	185.6
115	46.9	39.6	59.4

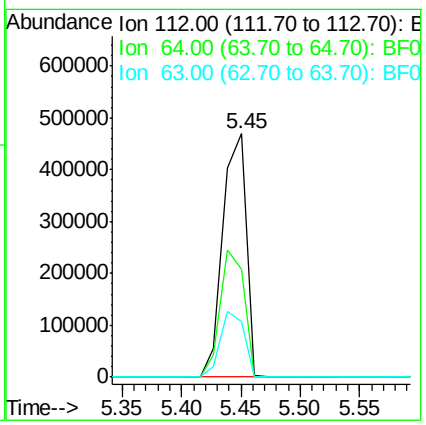


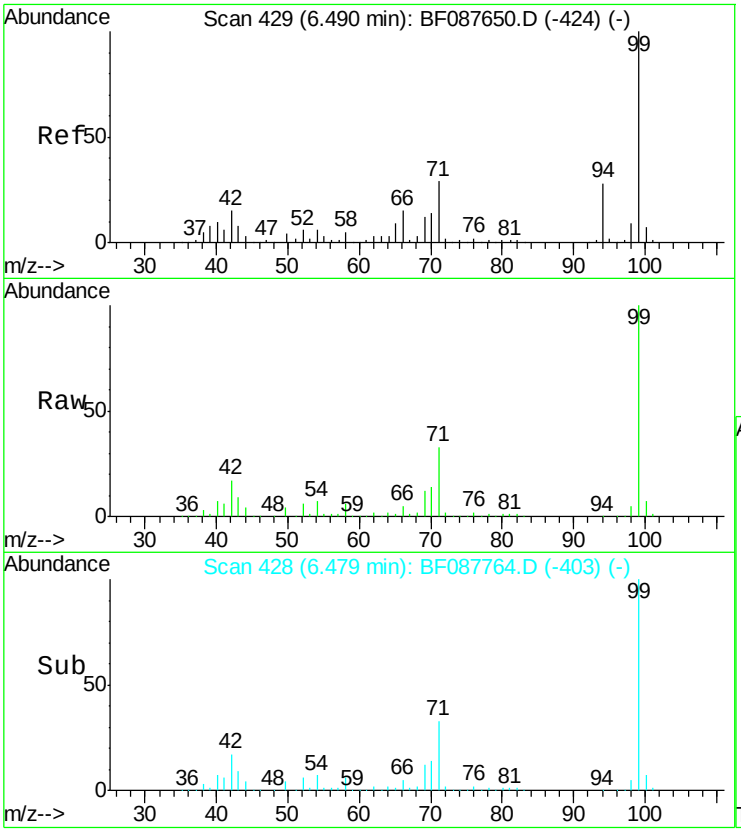


#5
2-Fluorophenol
Concen: 82.47 ng
RT: 5.45 min Scan# 338
Delta R.T. 0.00 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Tgt Ion:112 Resp: 641082

Ion	Ratio	Lower	Upper
112	100		
64	44.3	42.2	63.2
63	22.8	21.8	32.8



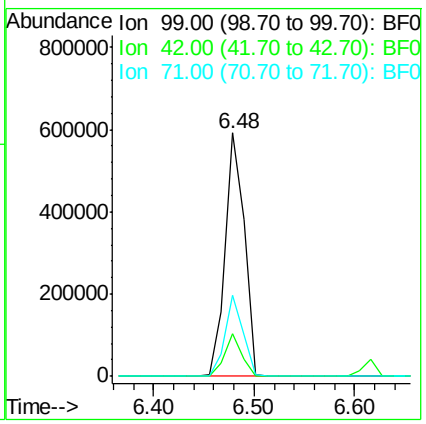


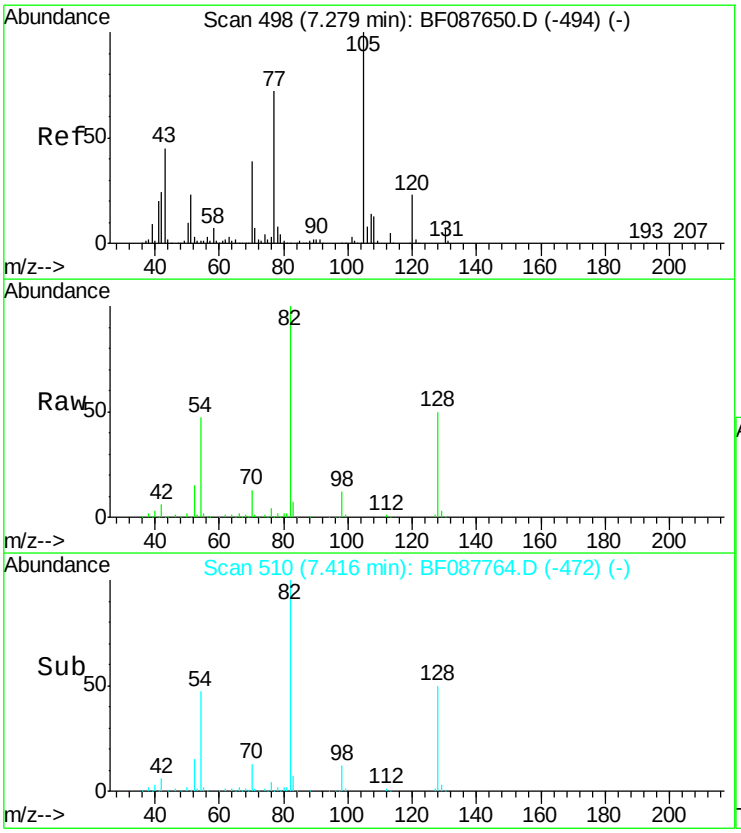
#7
Phenol-d6
Concen: 80.39 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Instrument :
BNA_F
ClientSampleId :
POST-EX-27-20160531

Tgt Ion: 99 Resp: 783694

Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.2	18.2
71	33.5	23.4	35.0

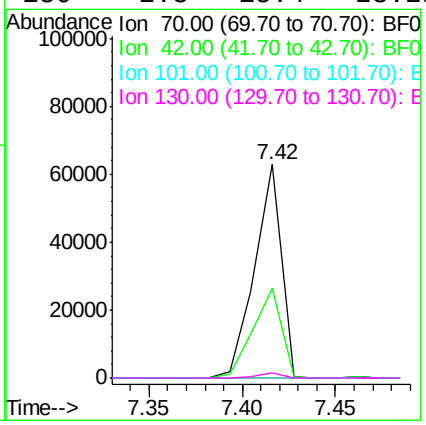


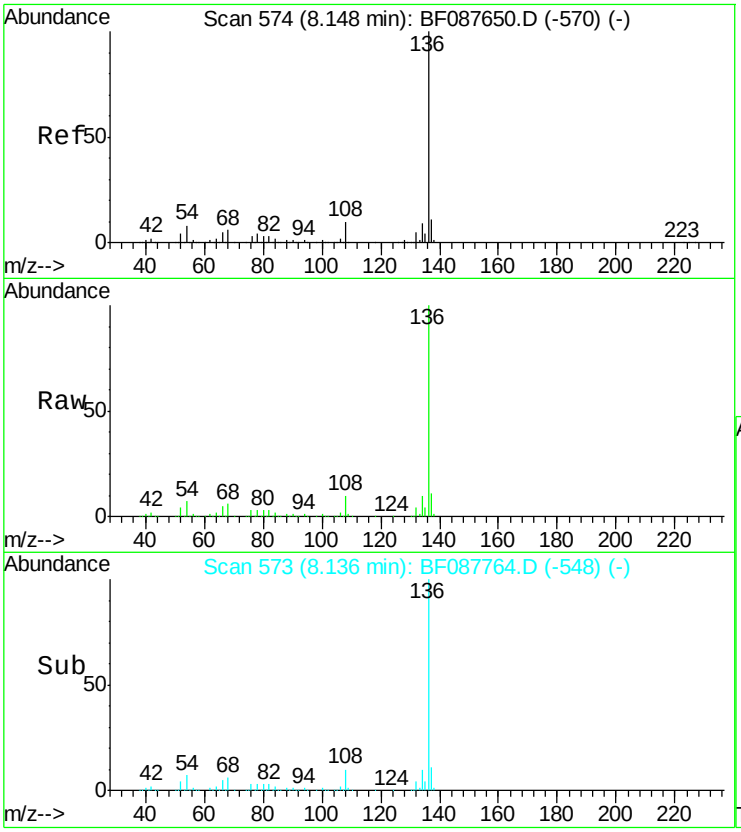


#19
n-Nitroso-di-n-propylamine
Concen: 10.22 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.14 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Tgt Ion: 70 Resp: 62215

Ion	Ratio	Lower	Upper
70	100		
42	42.2	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#



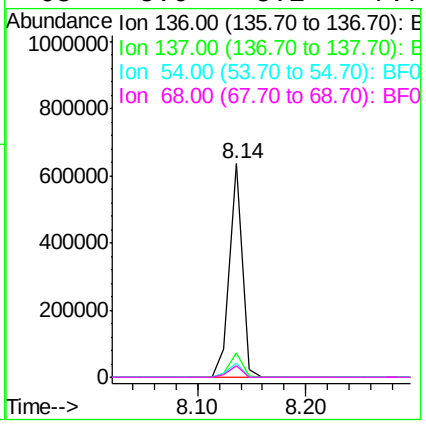


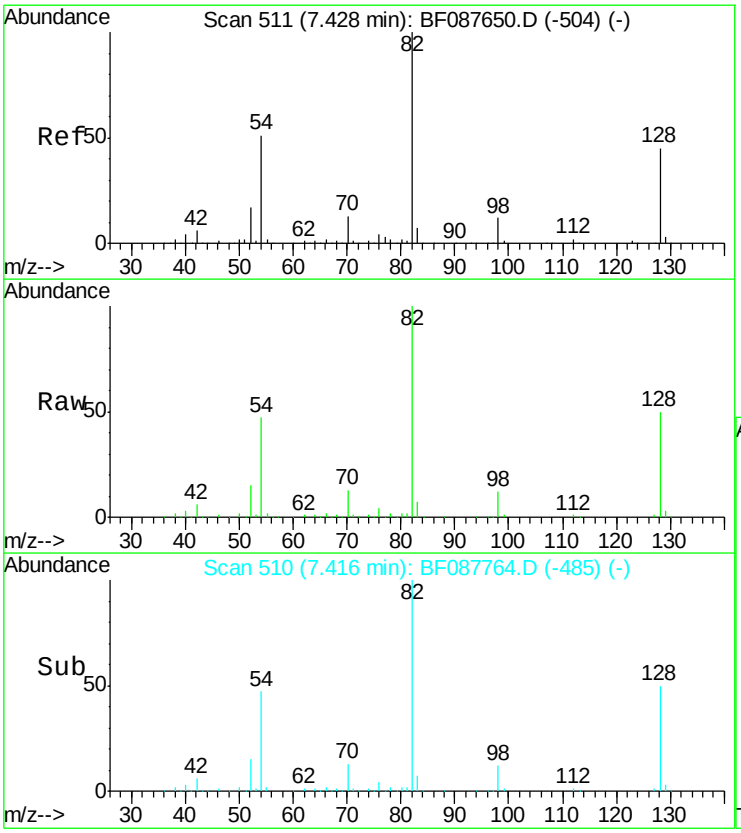
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Instrument :
BNA_F
ClientSampleId :
POST-EX-27-20160531

Tgt Ion:136 Resp: 512247

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.9	6.6	10.0
68	5.6	5.1	7.7

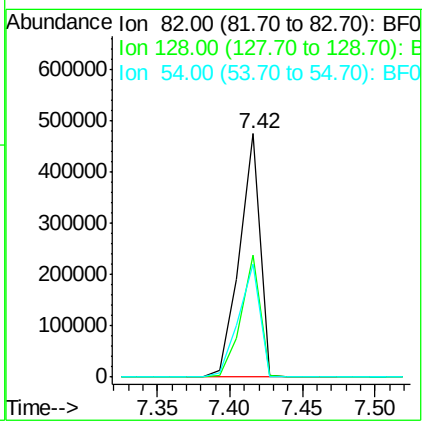


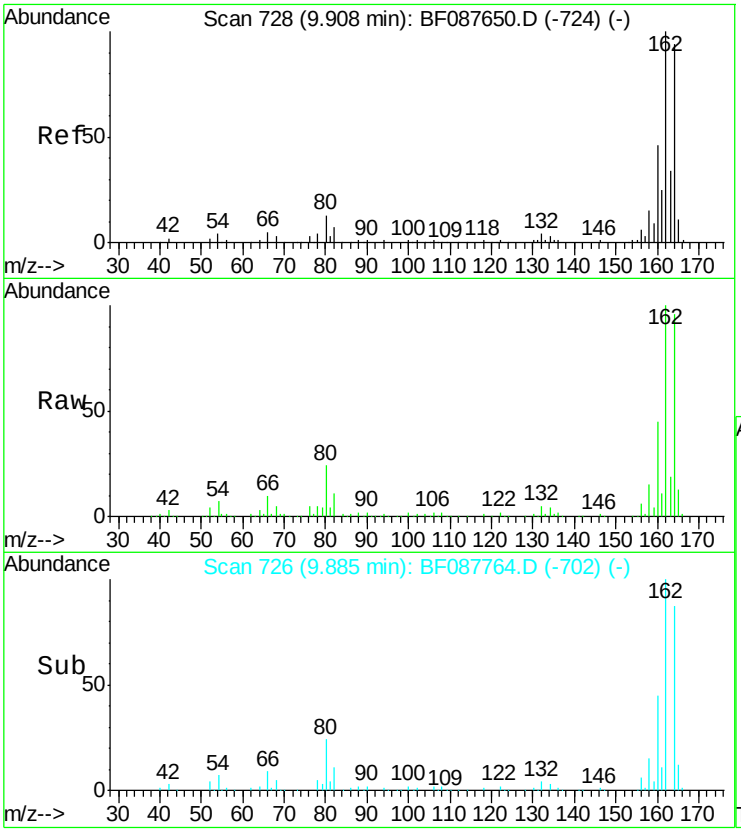


#23
Nitrobenzene-d5
Concen: 52.97 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Tgt Ion: 82 Resp: 468966

Ion	Ratio	Lower	Upper
82	100		
128	50.4	35.9	53.9
54	46.6	40.9	61.3



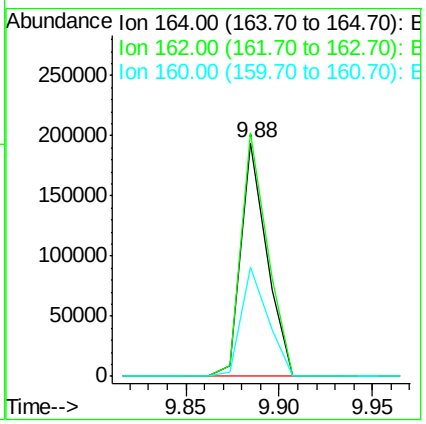


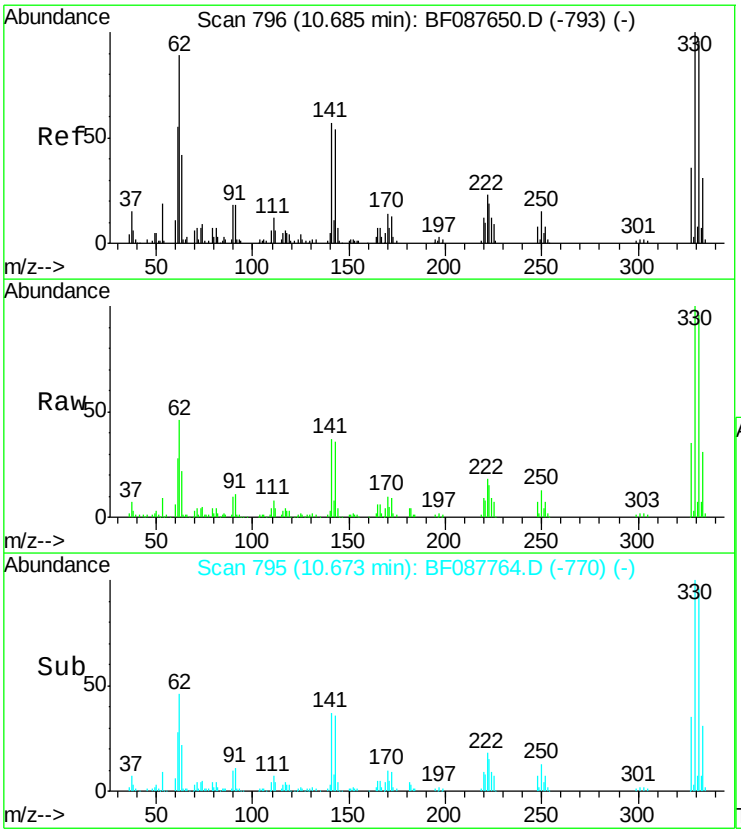
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Instrument :
BNA_F
ClientSampleId :
POST-EX-27-20160531

Tgt Ion:164 Resp: 188959

Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.4	128.2
160	46.4	39.5	59.3

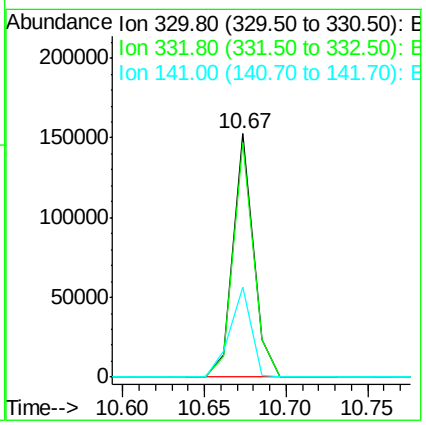


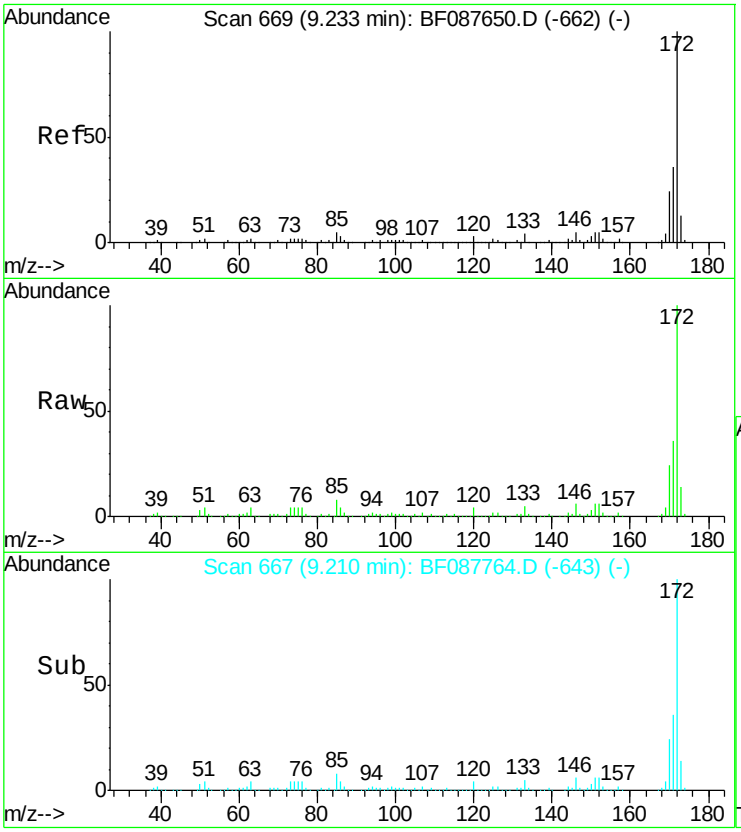


#41
2,4,6-Tribromophenol
Concen: 69.25 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Tgt Ion:330 Resp: 131356

Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	39.8	0.0	0.0#



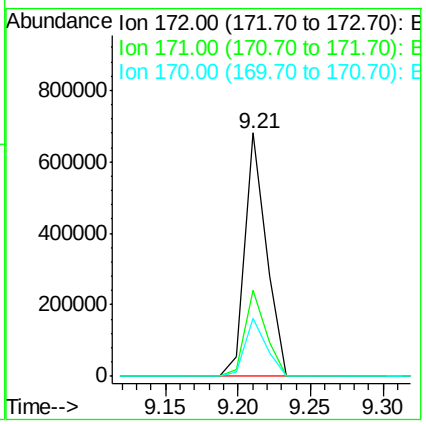


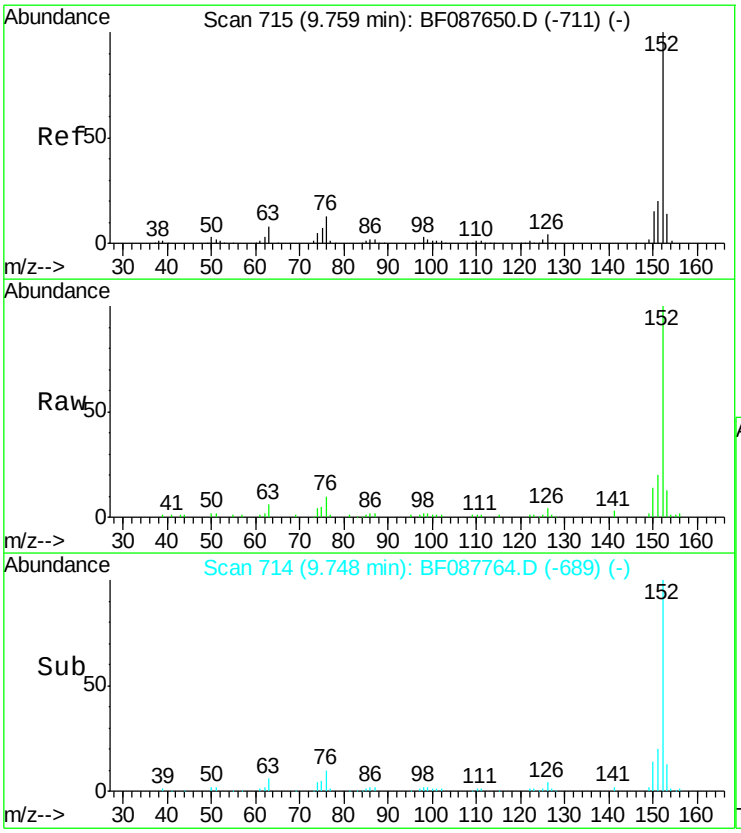
#44
2-Fluorobiphenyl
Concen: 50.29 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Instrument :
BNA_F
ClientSampleId :
POST-EX-27-20160531

Tgt Ion:172 Resp: 700428

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.9	19.2	28.8

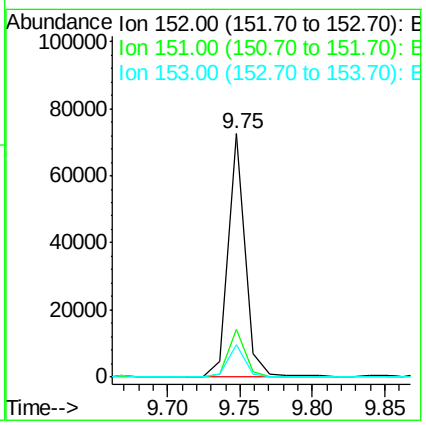


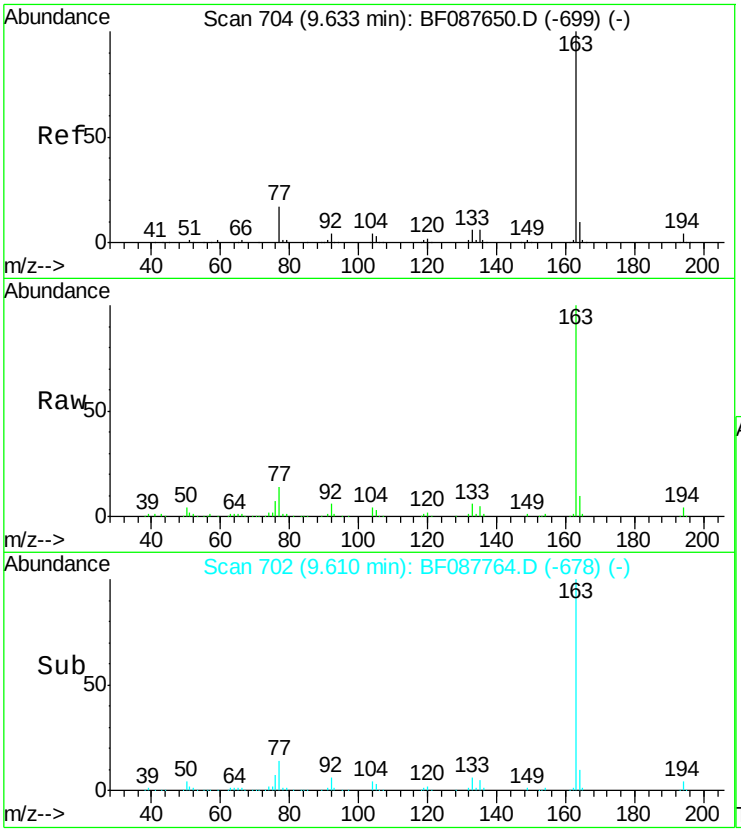


#48
Acenaphthylene
Concen: 3.12 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Tgt Ion:152 Resp: 59464

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4
153	13.1	11.0	16.6



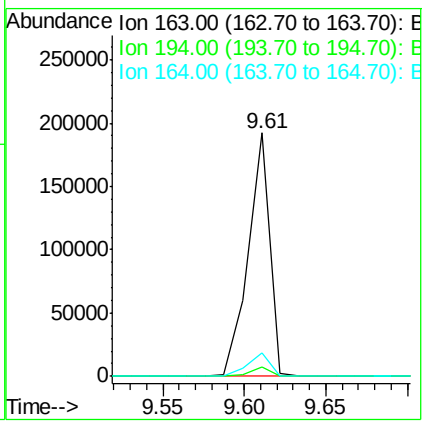


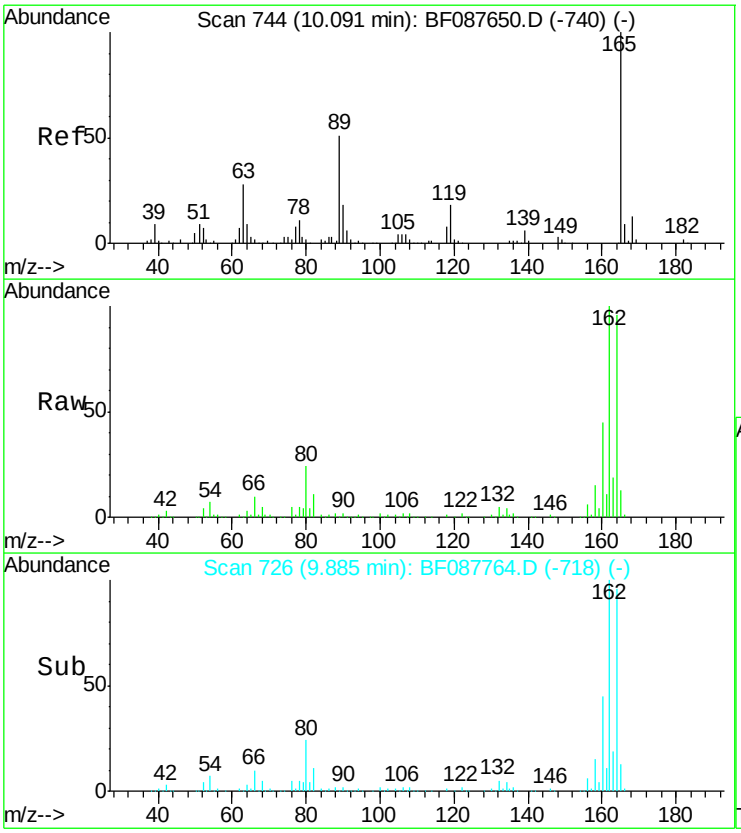
#49
Dimethylphthalate
Concen: 12.77 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Instrument :
BNA_F
ClientSampleId :
POST-EX-27-20160531

Tgt Ion:163 Resp: 175481

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.8	8.3	12.5

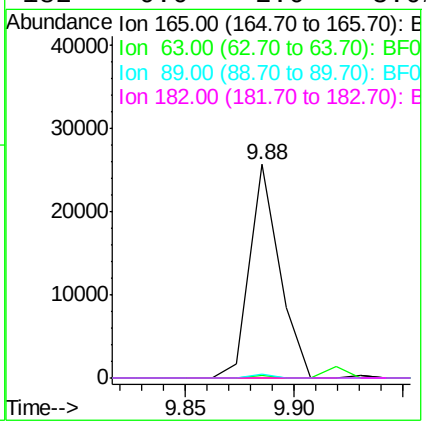


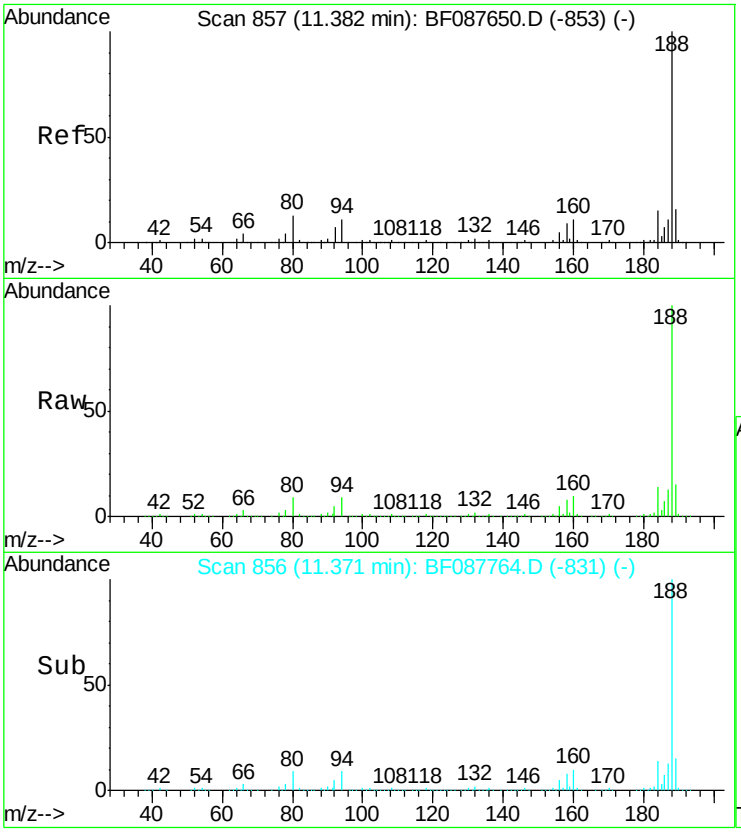


#56
2,4-Dinitrotoluene
Concen: 6.20 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.21 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Tgt Ion:165 Resp: 24657

Ion	Ratio	Lower	Upper
165	100		
63	1.3	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#



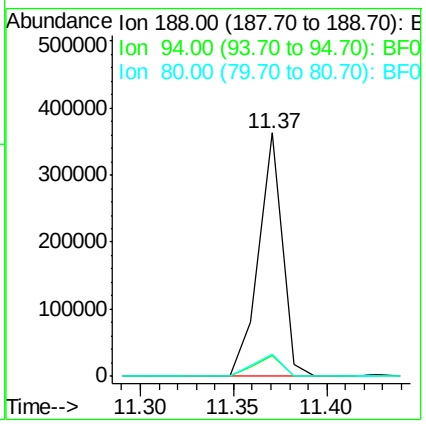


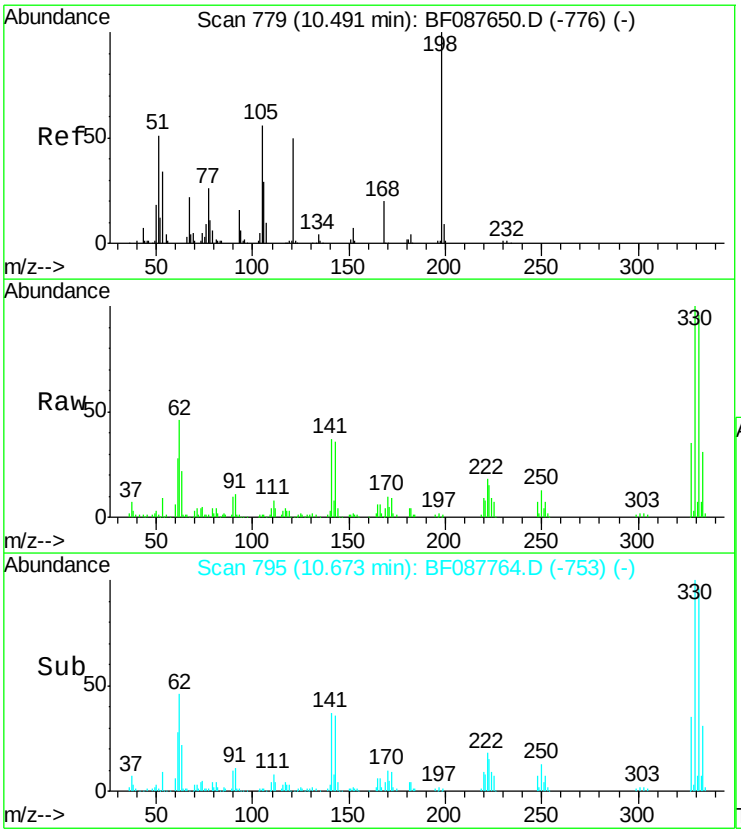
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Instrument :
BNA_F
ClientSampleId :
POST-EX-27-20160531

Tgt Ion:188 Resp: 316755

Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.0	13.6#
80	9.1	10.0	15.0#

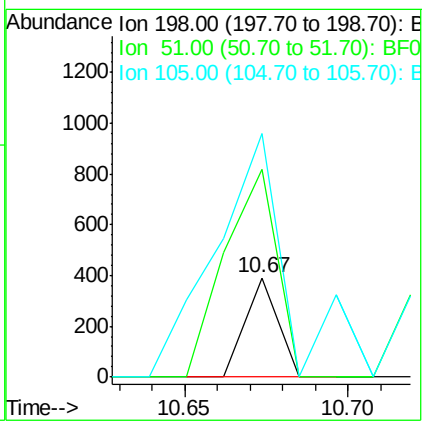


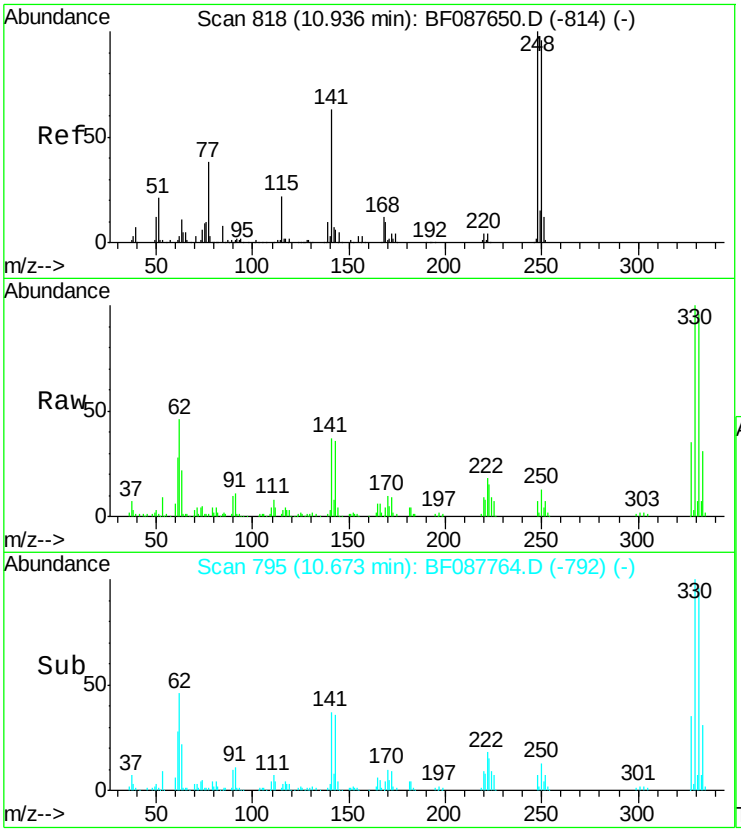


#64
4,6-Dinitro-2-methylphenol
Concen: 2.16 ng
RT: 10.67 min Scan# 795
Delta R.T. 0.18 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Tgt Ion:198 Resp: 267

Ion	Ratio	Lower	Upper
198	100		
51	210.5	39.6	79.6#
105	245.9	36.6	76.6#



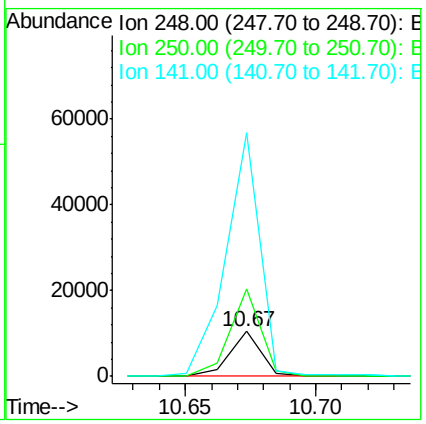


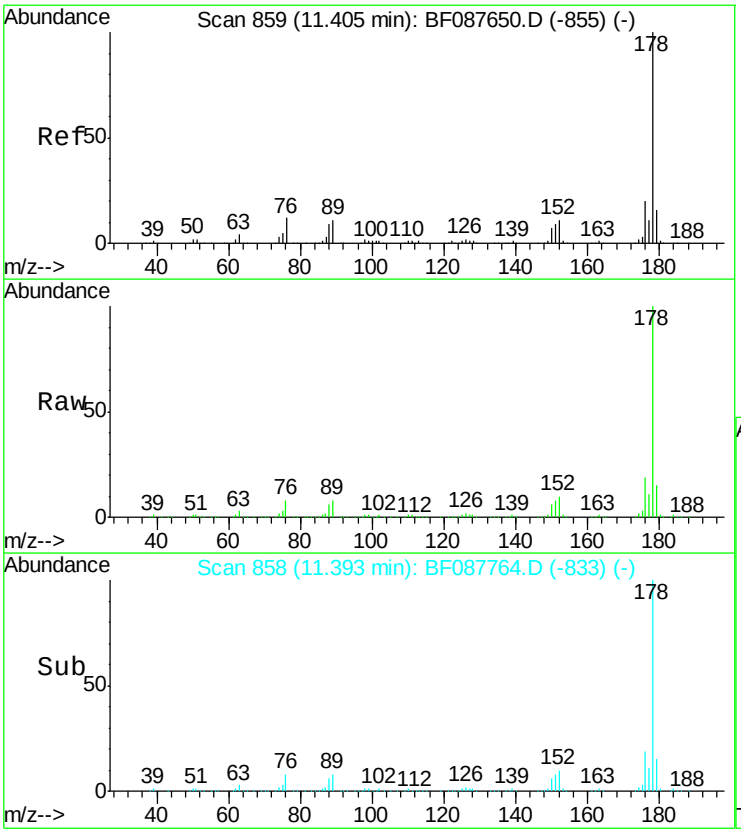
#66
4-Bromophenyl-phenylether
Concen: 2.79 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.26 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Instrument :
BNA_F
ClientSampleId :
POST-EX-27-20160531

Tgt Ion:248 Resp: 8755

Ion	Ratio	Lower	Upper
248	100		
250	194.5	77.1	115.7#
141	542.2	50.6	76.0#

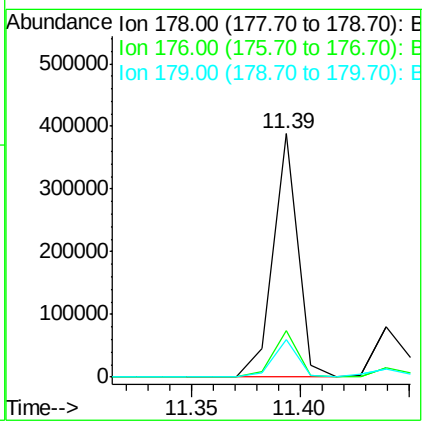


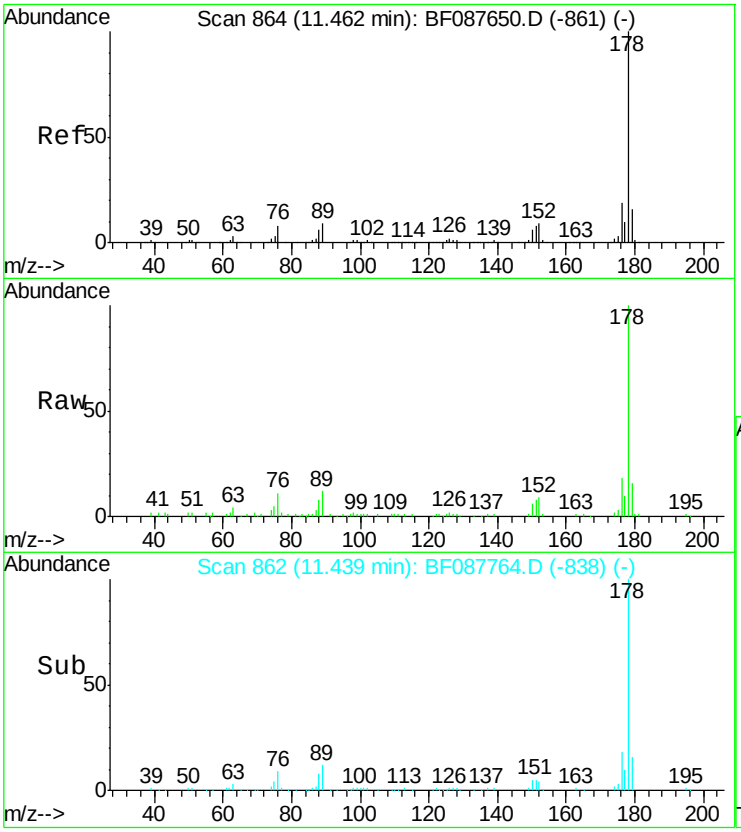


#70
Phenanthrene
Concen: 18.17 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Tgt Ion:178 Resp: 312134

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.5	13.0	19.4



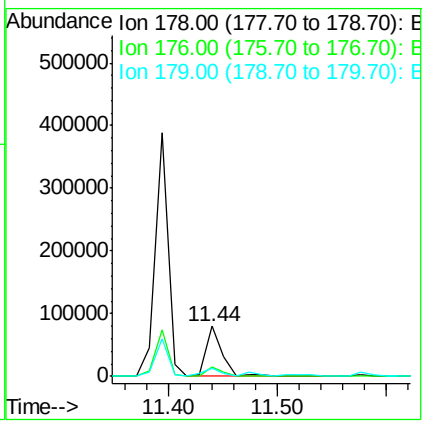


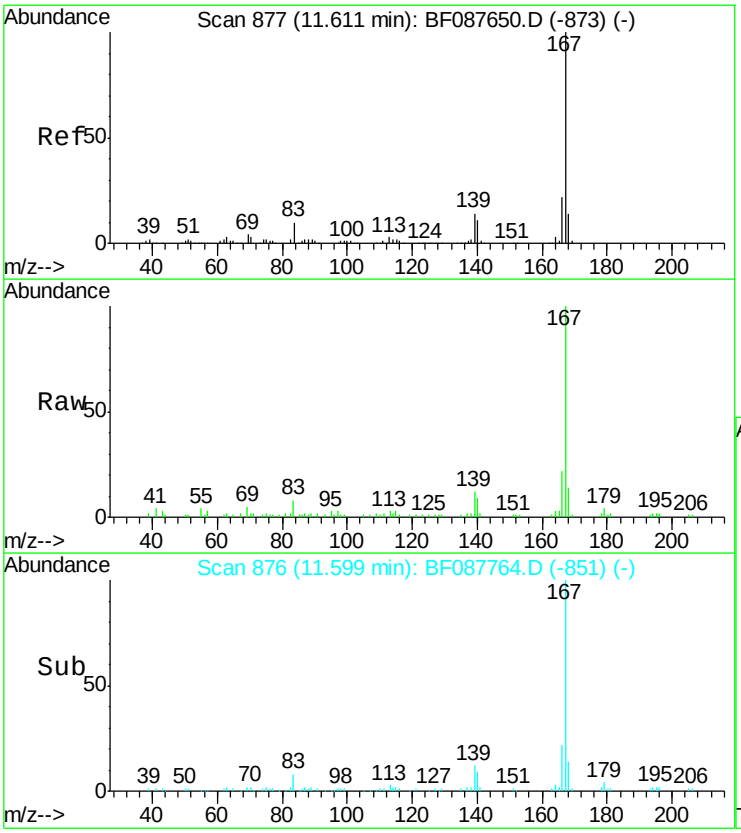
#71
Anthracene
Concen: 4.87 ng
RT: 11.44 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Instrument :
BNA_F
ClientSampleId :
POST-EX-27-20160531

Tgt Ion:178 Resp: 83797

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.6	23.4
179	15.9	12.8	19.2

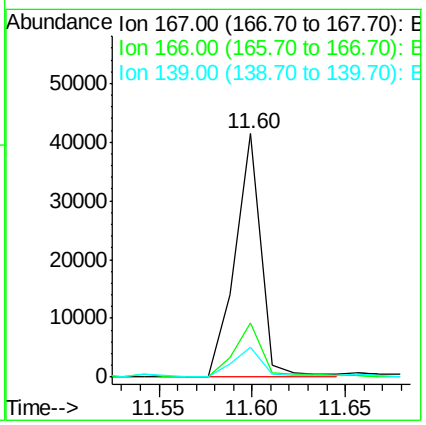


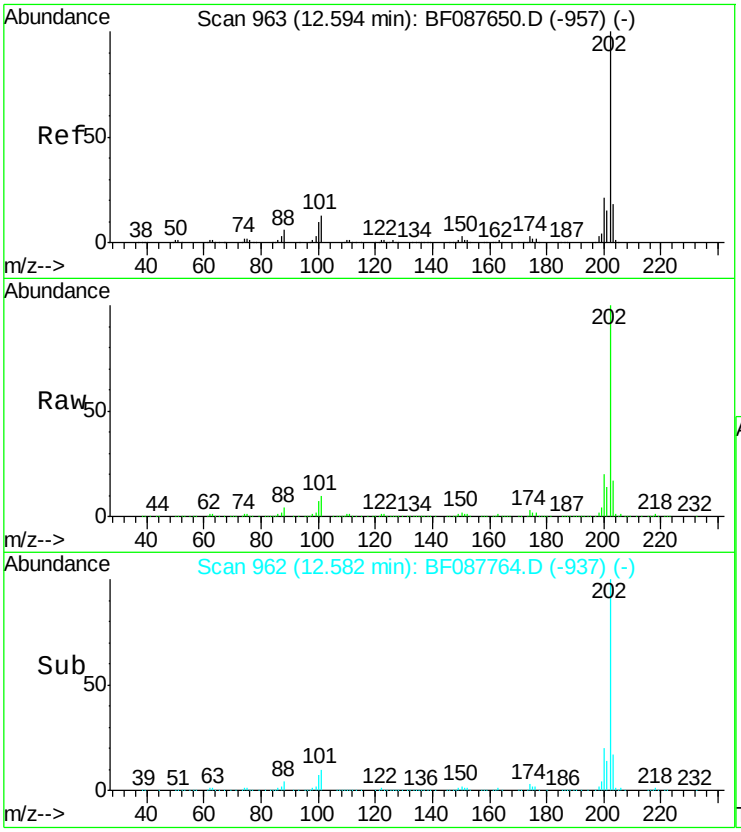


#72
Carbazole
Concen: 2.49 ng
RT: 11.60 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Tgt Ion:167 Resp: 40551

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	12.5	11.2	16.8



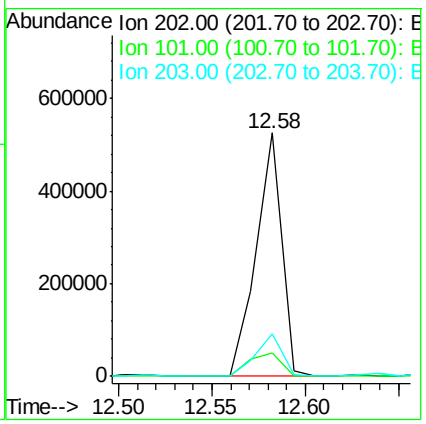


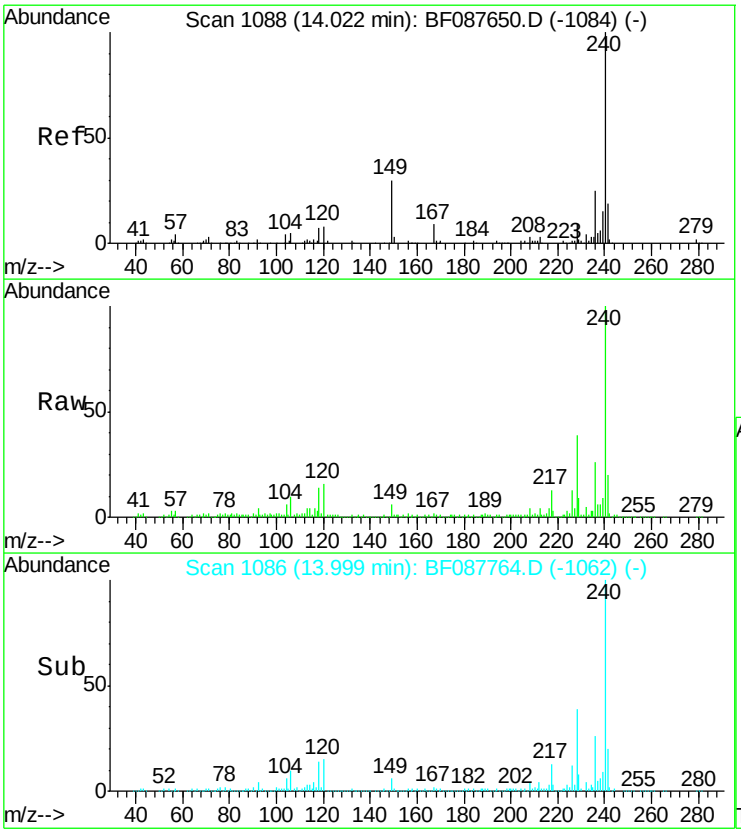
#74
Fluoranthene
Concen: 29.27 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Instrument :
BNA_F
ClientSampleId :
POST-EX-27-20160531

Tgt Ion:202 Resp: 494615

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	33.1
203	17.4	0.0	38.1

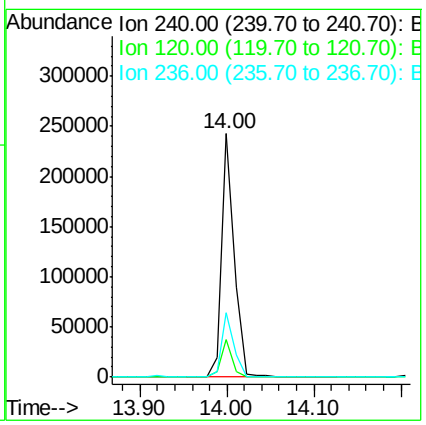


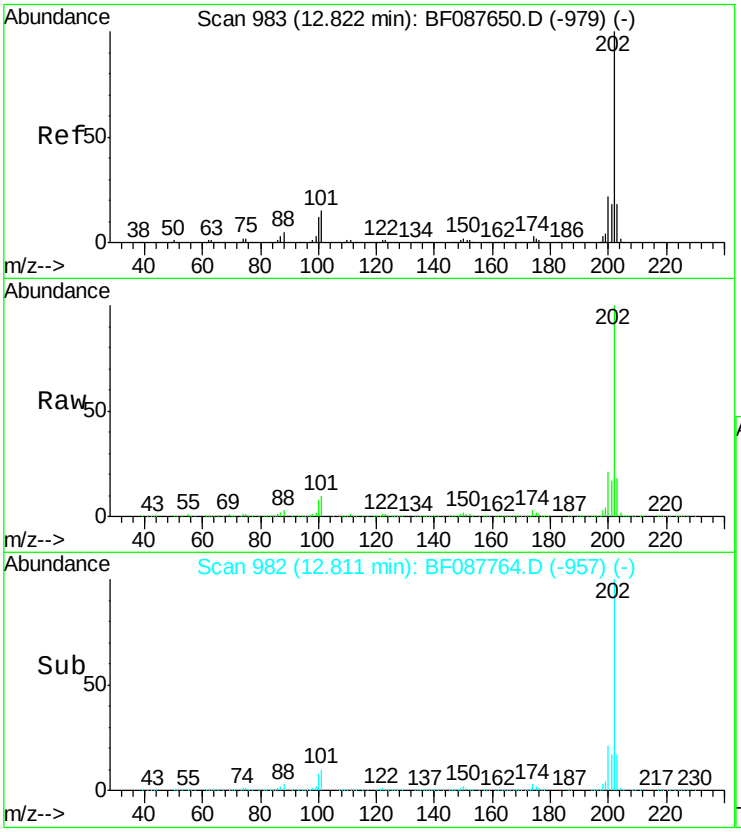


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Tgt Ion:240 Resp: 247939

Ion	Ratio	Lower	Upper
240	100		
120	15.6	6.8	10.2#
236	26.2	20.2	30.2



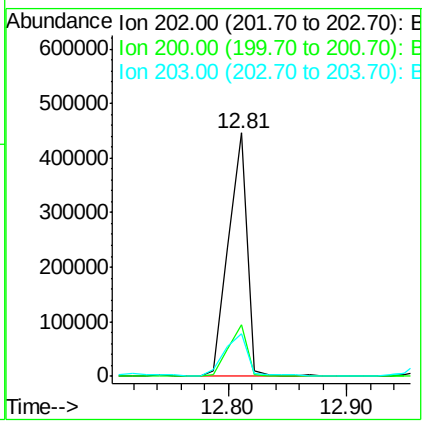


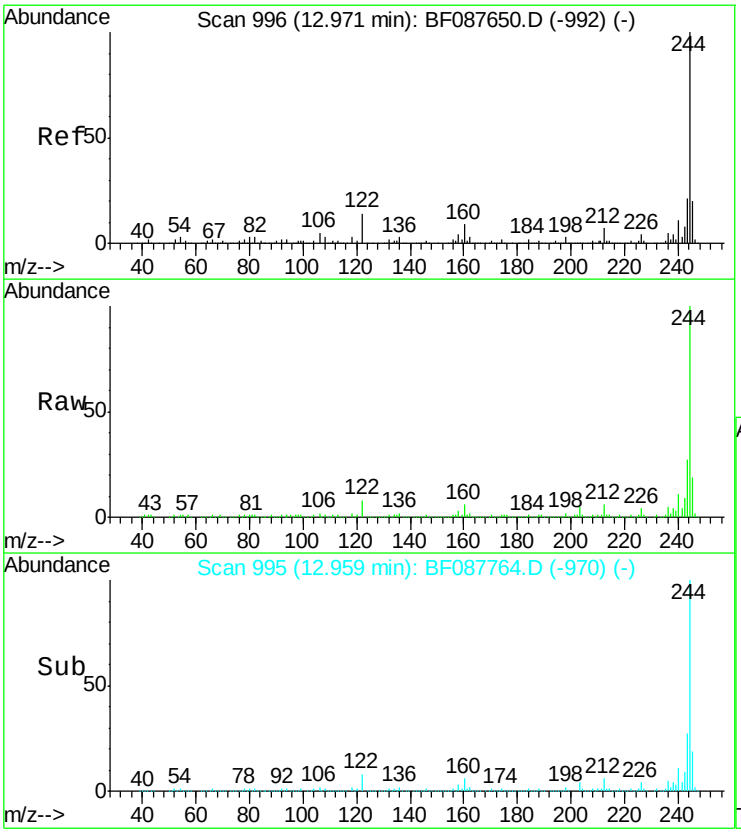
#77
Pyrene
Concen: 27.34 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Instrument :
BNA_F
ClientSampleId :
POST-EX-27-20160531

Tgt Ion:202 Resp: 482775

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.7	14.5	21.7

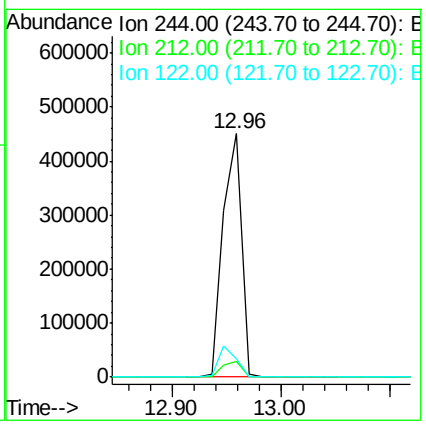


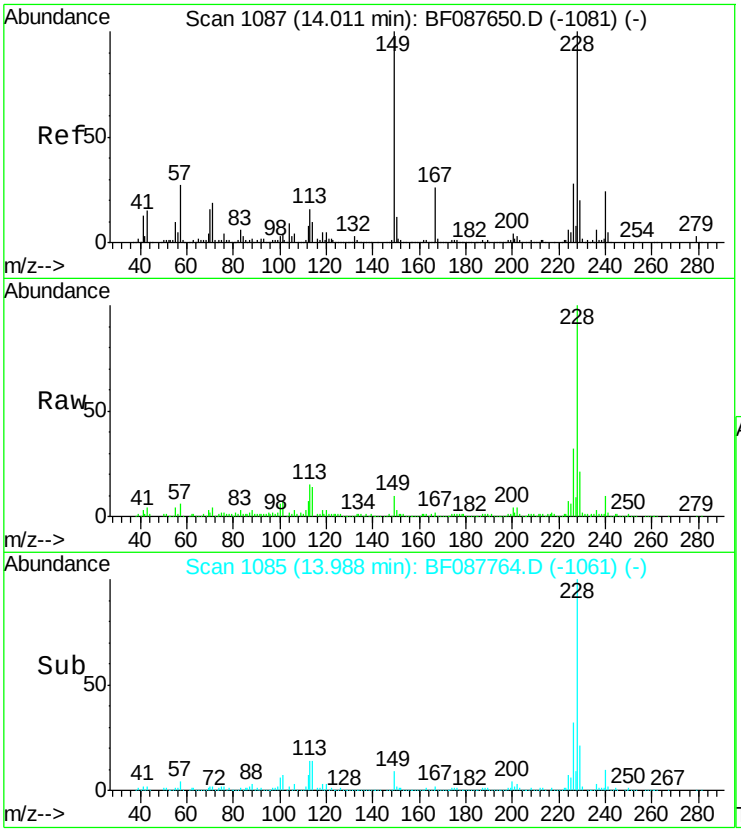


#78
Terphenyl-d14
Concen: 52.07 ng
RT: 12.96 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Tgt Ion:244 Resp: 529117

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.0	9.0
122	7.6	11.2	16.8#



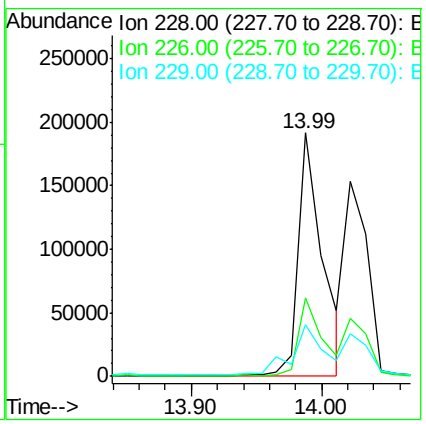


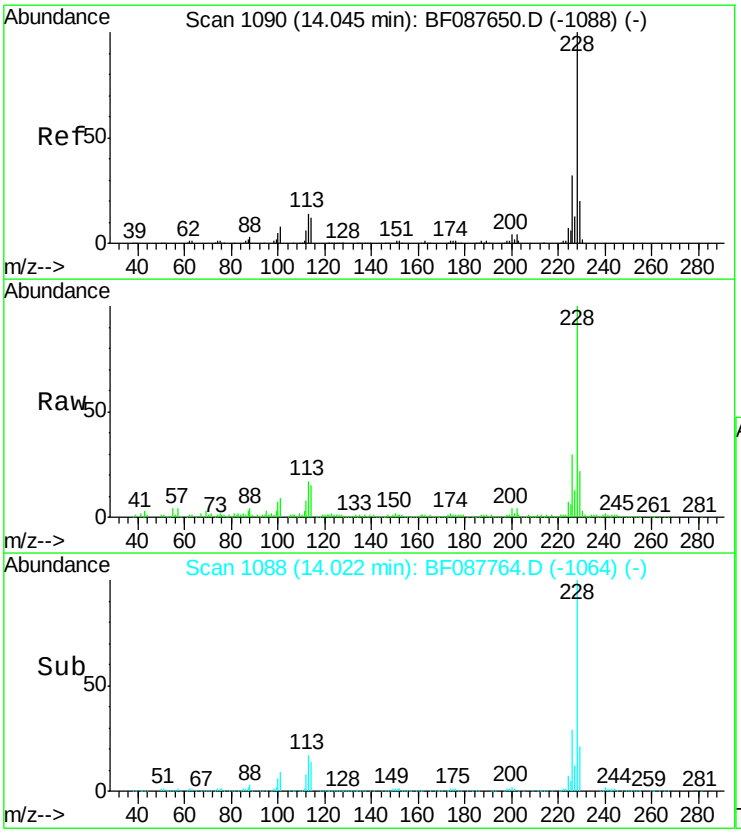
#80
Benzo(a)anthracene
Concen: 17.20 ng
RT: 13.99 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Instrument :
BNA_F
ClientSampleId :
POST-EX-27-20160531

Tgt Ion:228 Resp: 246108

Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.3	33.5
229	21.3	16.0	24.0

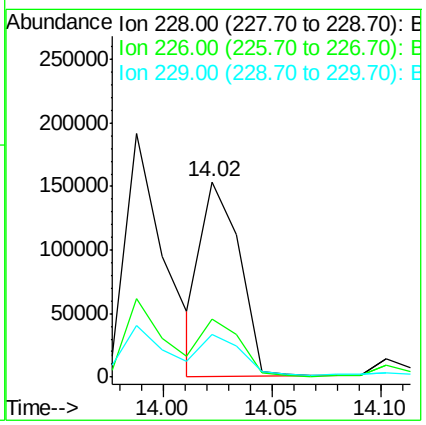


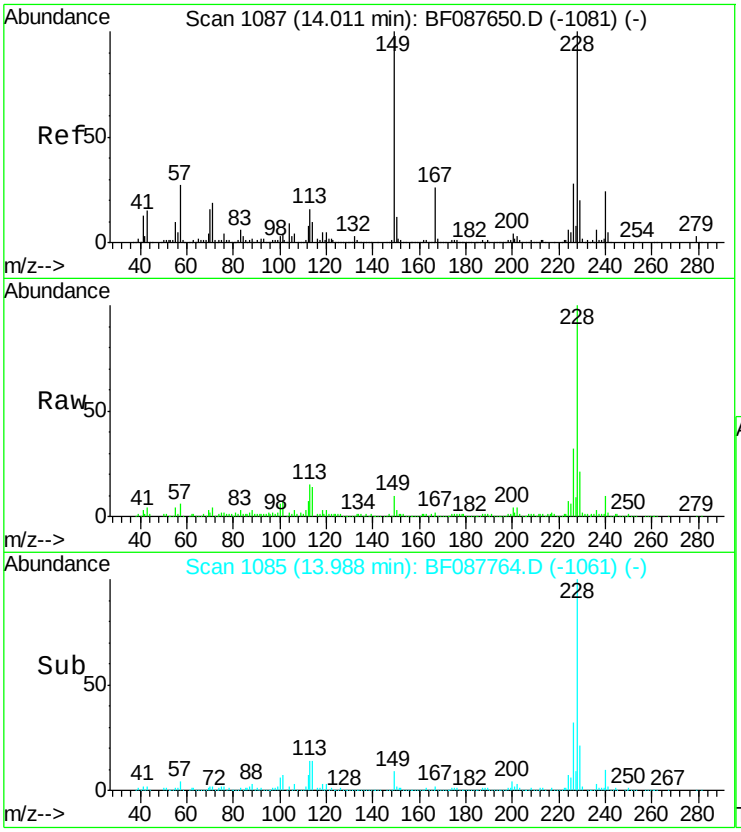


#82
Chrysene
Concen: 13.05 ng
RT: 14.02 min Scan# 1088
Delta R.T. -0.02 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Tgt Ion:228 Resp: 185885

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.4	38.2
229	22.1	16.3	24.5



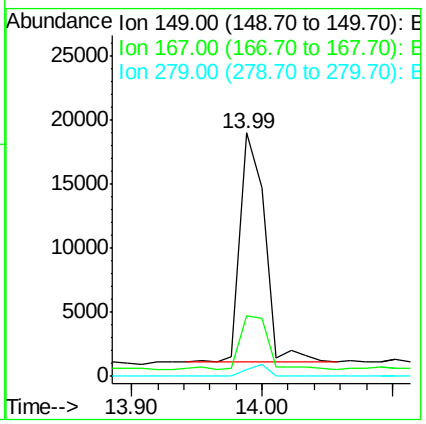


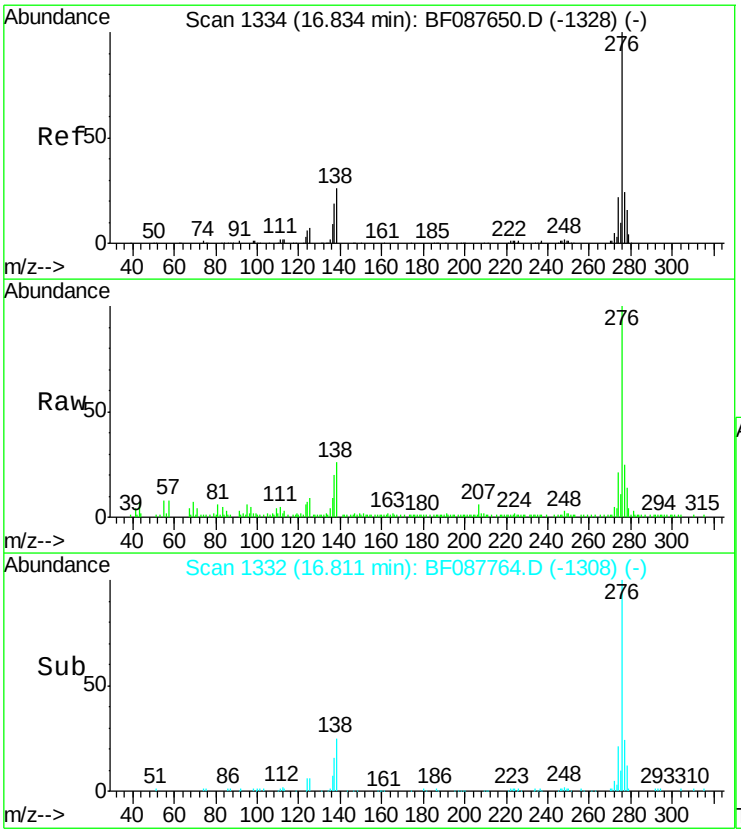
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.61 ng
RT: 13.99 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Instrument :
BNA_F
ClientSampleId :
POST-EX-27-20160531

Tgt Ion:149 Resp: 23296

Ion	Ratio	Lower	Upper
149	100		
167	24.7	20.5	30.7
279	2.6	2.0	3.0

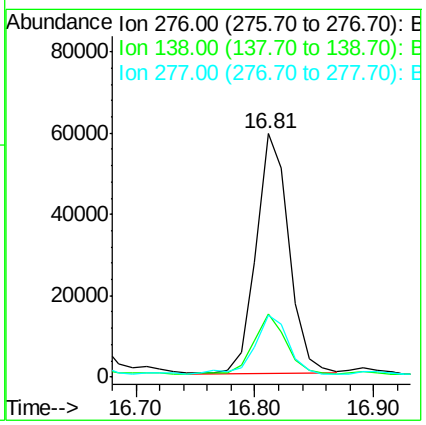


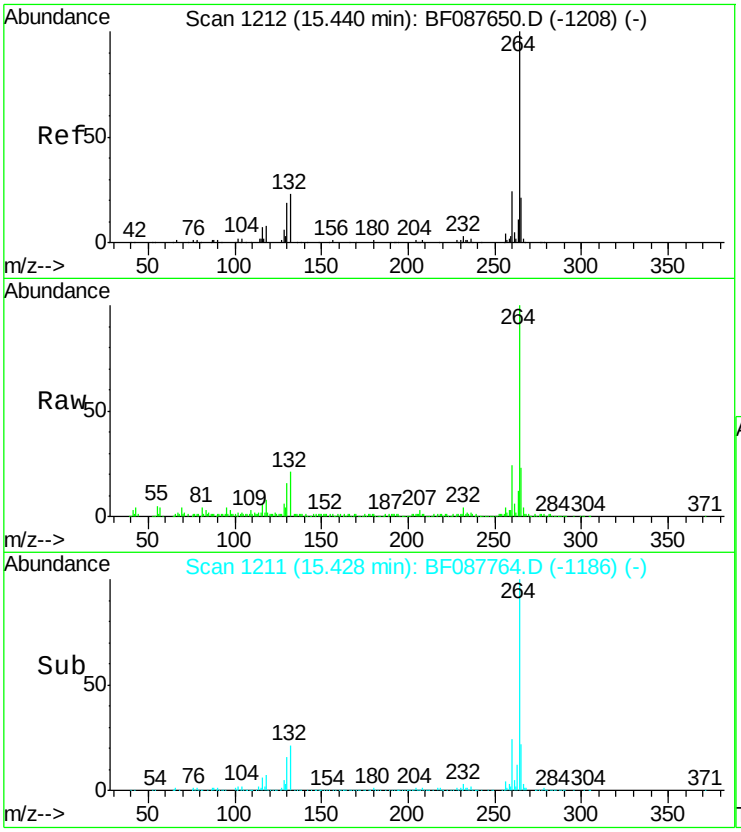


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.63 ng
RT: 16.81 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Tgt Ion:276 Resp: 113422

Ion	Ratio	Lower	Upper
276	100		
138	24.9	0.0	0.0#
277	25.9	0.0	0.0#



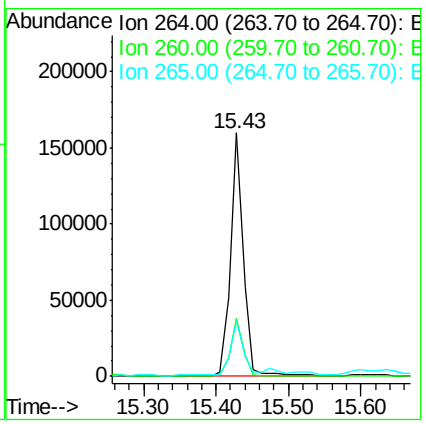


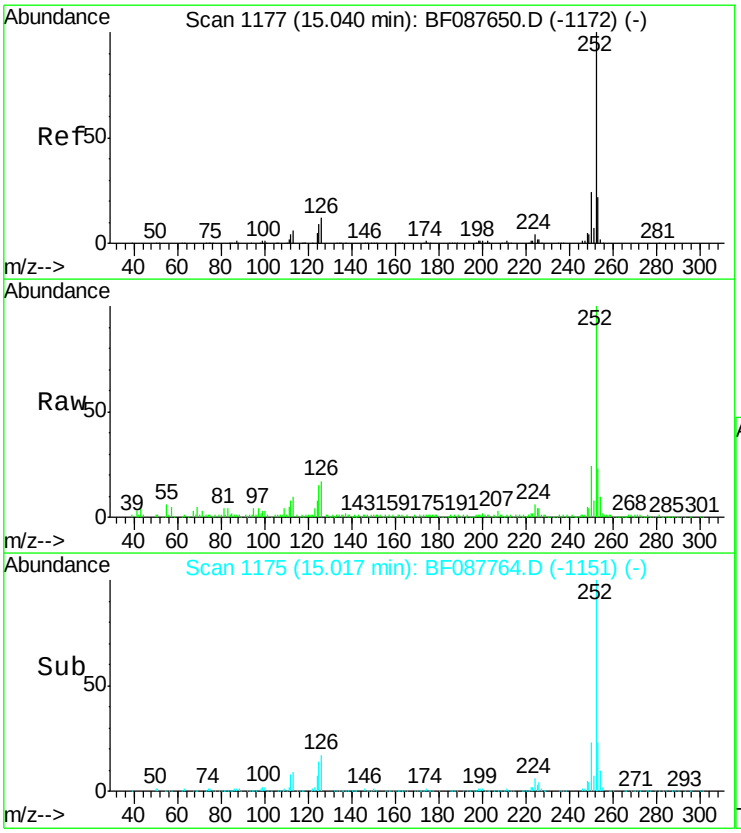
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Instrument :
BNA_F
ClientSampleId :
POST-EX-27-20160531

Tgt Ion:264 Resp: 197968

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.6	16.9	25.3

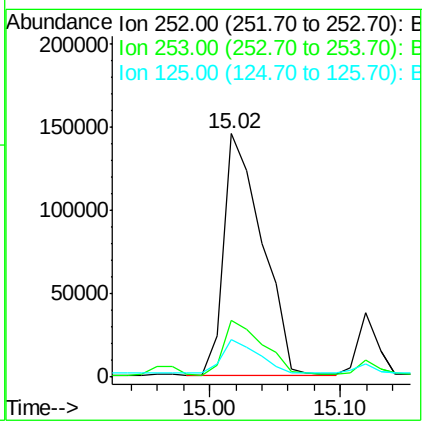


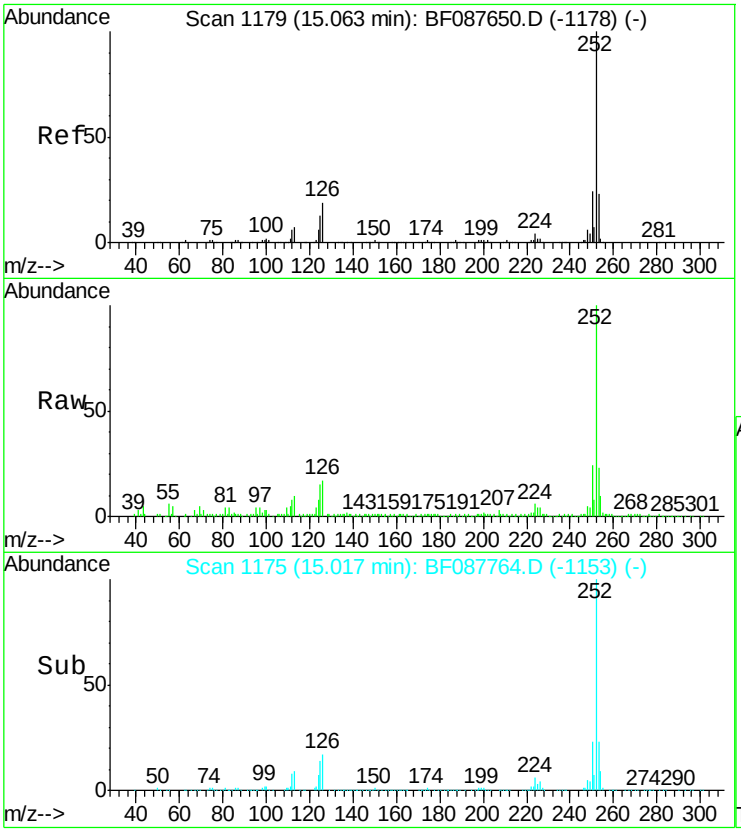


#87
Benzo(b)fluoranthene
Concen: 23.18 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Tgt Ion:252 Resp: 298458

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	15.2	7.1	10.7#



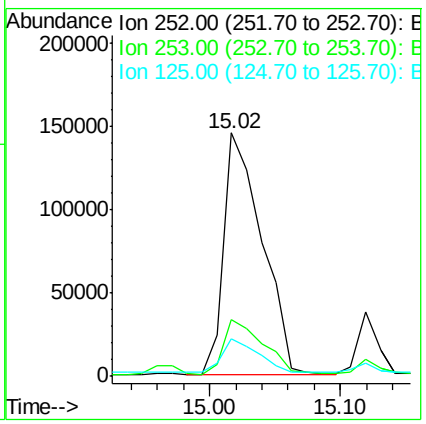


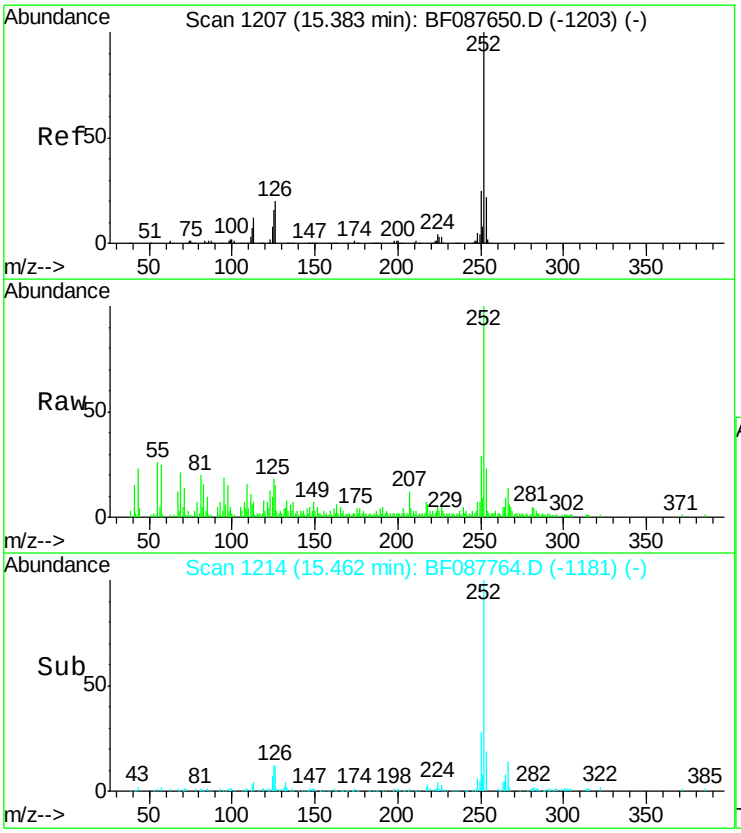
#88
Benzo(k)fluoranthene
Concen: 27.86 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.05 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Instrument :
BNA_F
ClientSampleId :
POST-EX-27-20160531

Tgt Ion:252 Resp: 298458

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	15.2	11.2	16.8

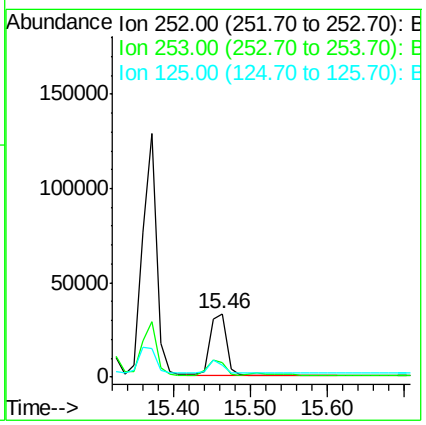


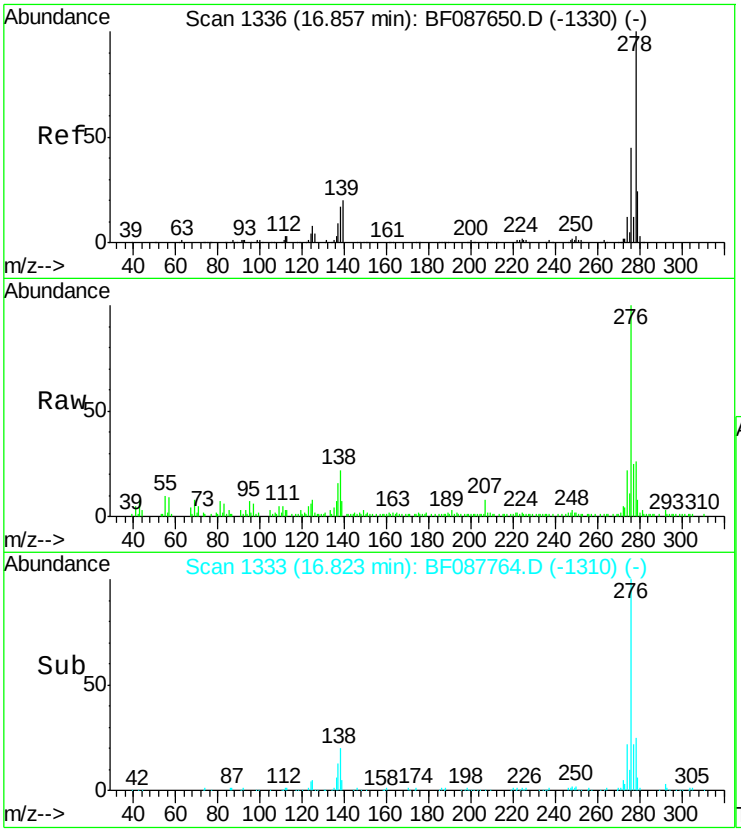


#89
Benzo(a)pyrene
Concen: 4.64 ng
RT: 15.46 min Scan# 1214
Delta R.T. 0.08 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Tgt Ion:252 Resp: 50260

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	18.4	12.5	18.7



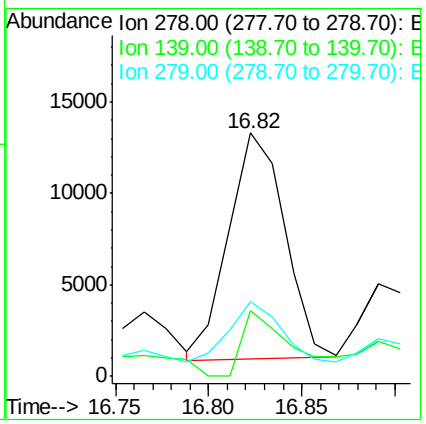


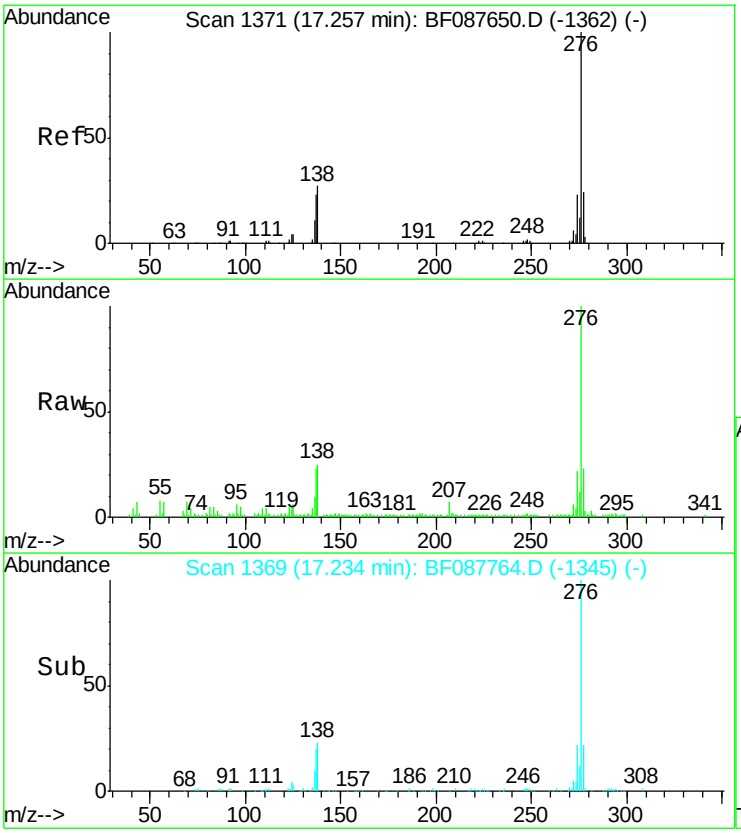
#90
Dibenzo(a,h)anthracene
Concen: 2.79 ng
RT: 16.82 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Instrument :
BNA_F
ClientSampleId :
POST-EX-27-20160531

Tgt Ion:278 Resp: 25748

Ion	Ratio	Lower	Upper
278	100		
139	26.8	15.7	23.5#
279	30.6	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 12.81 ng
RT: 17.23 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF087764.D
Acq: 6 Jun 2016 21:20

Tgt Ion:276 Resp: 119063

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.9	28.3
138	24.7	21.4	32.2