Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
Data File : BF087739.D
Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

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

Quant Time: Jun 06 07:54:29 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	136774	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	569956	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	224192	20.00	ng		-0.01
63) Phenanthrene-d10	11.38	188	364268	20.00	ng		0.00
75) Chrysene-d12	14.02	240	280849	20.00	ng		0.00
86) Perylene-d12	15.45	264	246095	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	694734	82.10	ng		0.01
7) Phenol-d6	6.49	99	813250	76.63	ng		0.00
23) Nitrobenzene-d5	7.43	82	528863	53.69	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	142563	63.35	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	812489	48.95	ng		-0.01
78) Terphenyl-d14	12.97	244	570422	49.56	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	69822	10.53	ng	#	71
48) Acenaphthylene	9.76	152	62265	2.76	ng		99
49) Dimethylphthalate	9.62	163	209659	12.86	ng		98
56) 2,4-Dinitrotoluene	9.90	165	28995	6.14	ng	#	38
64) 4,6-Dinitro-2-methylphenol	10.68	198	318	2.17	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	9303	2.58	ng	#	1
70) Phenanthrene	11.40	178	357237	18.09	ng		99
71) Anthracene	11.45	178	92113	4.65	ng		99
72) Carbazole	11.61	167	47486	2.53	ng		98
74) Fluoranthene	12.59	202	529921	27.27	ng		98
77) Pyrene	12.82	202	516709	25.84	ng		99
80) Benzo(a)anthracene	14.01	228	260616	16.08	ng		95
82) Chrysene	14.01	228	260616	16.15	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	53981	5.33	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	135064	10.13	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	382426	23.89	ng	#	94
88) Benzo(k)fluoranthene	15.04	252	382426	28.71	ng		99
89) Benzo(a)pyrene	15.39	252	197667	14.69	ng	#	96
90) Dibenzo(a,h)anthracene	16.86	278	30285	2.64	ng	#	89
91) Benzo(g,h,i)perylene	17.27	276	142255	12.31	ng		95

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

Quantitation Report (Not Reviewed)

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Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
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Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_F
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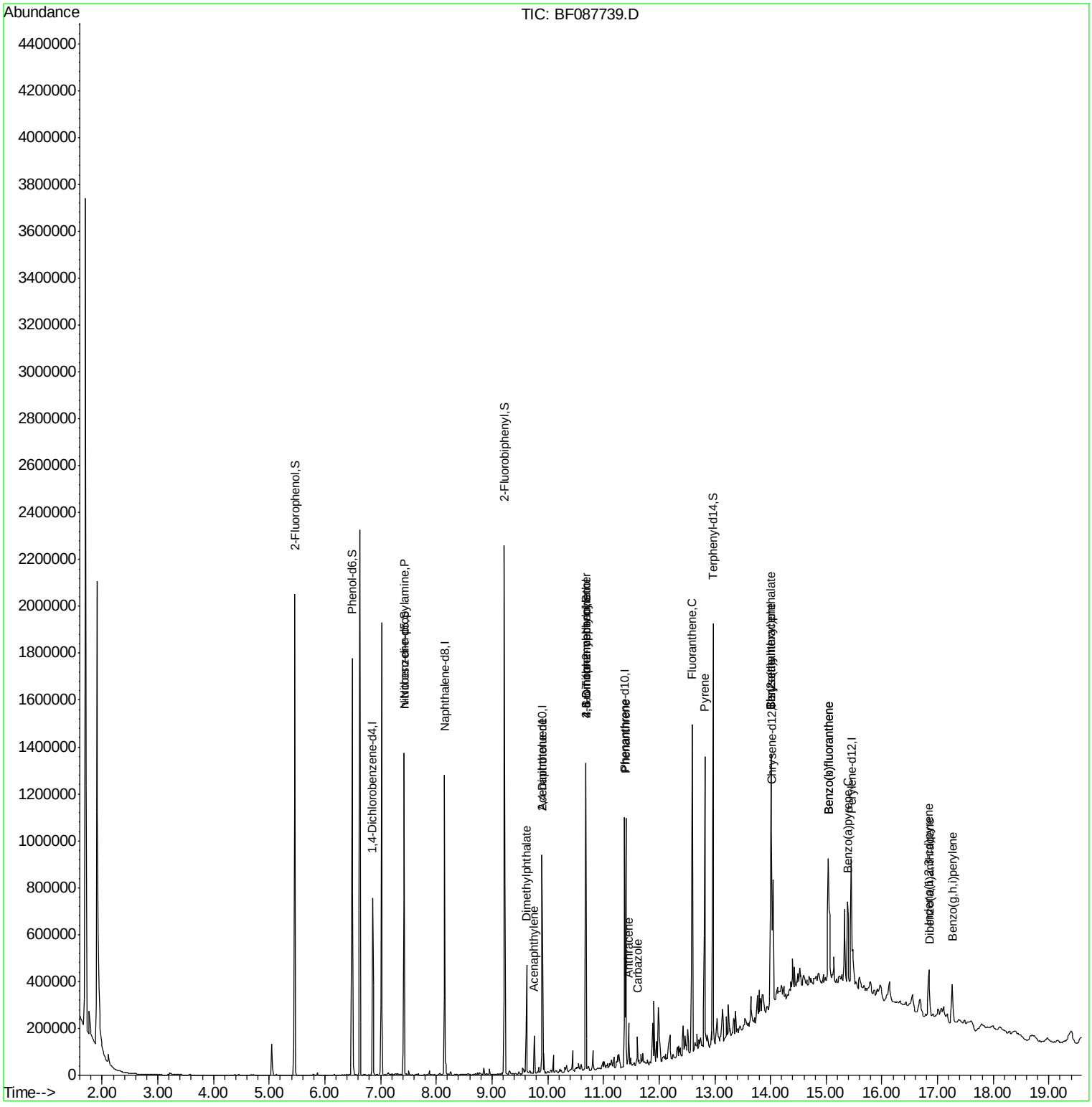
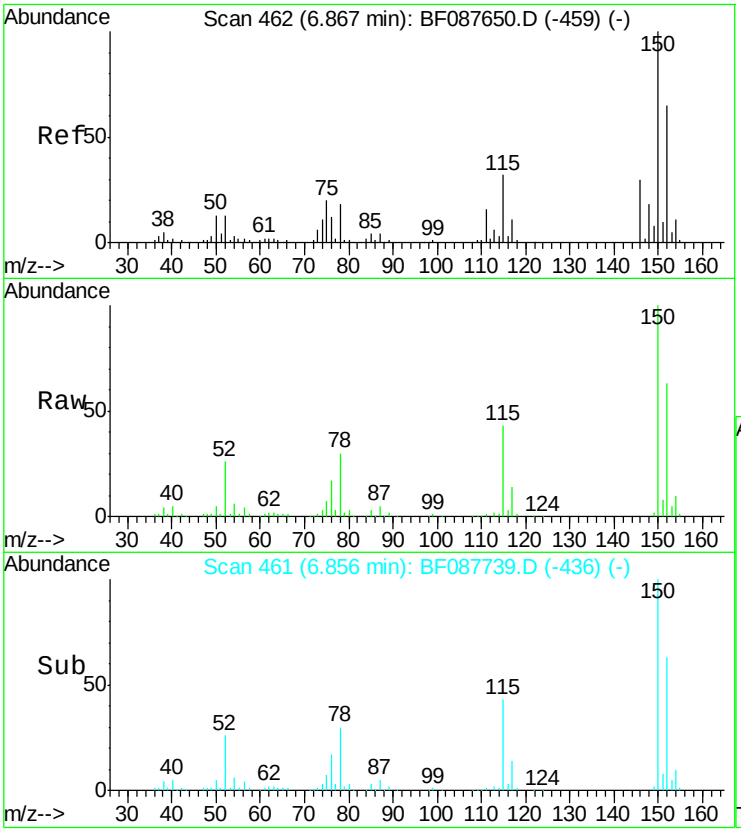


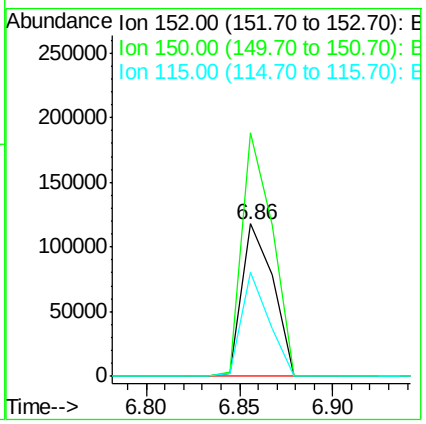


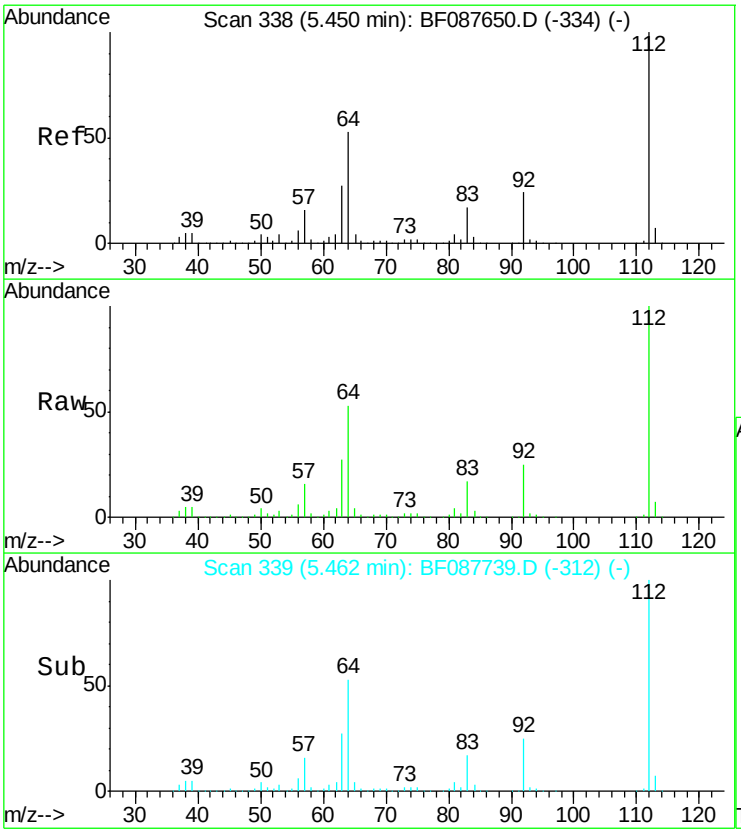
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

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

Tgt Ion:152 Resp: 136774

Ion	Ratio	Lower	Upper
152	100		
150	159.8	123.8	185.6
115	67.9	39.6	59.4#

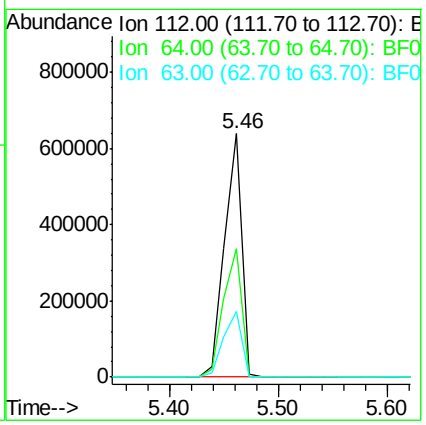


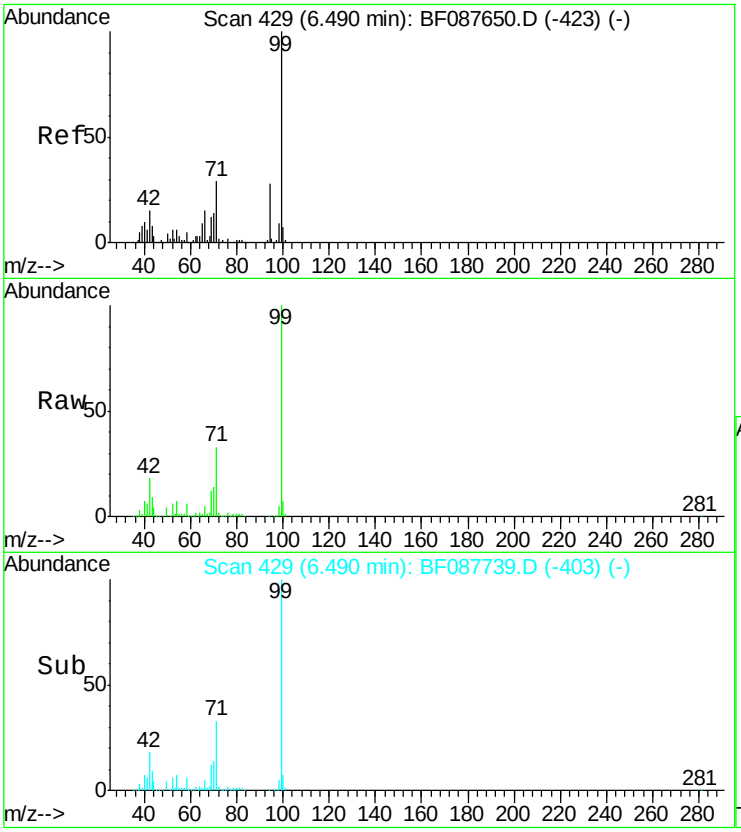


#5
2-Fluorophenol
Concen: 82.10 ng
RT: 5.46 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

Tgt Ion:112 Resp: 694734

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.2	63.2
63	27.1	21.8	32.8



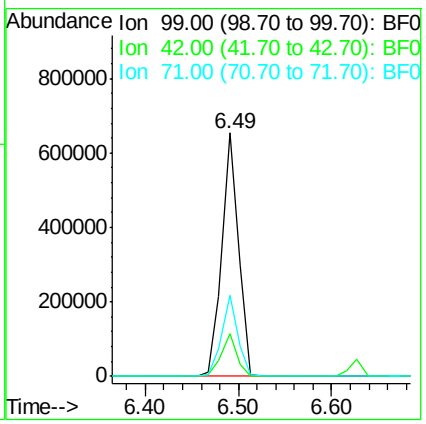


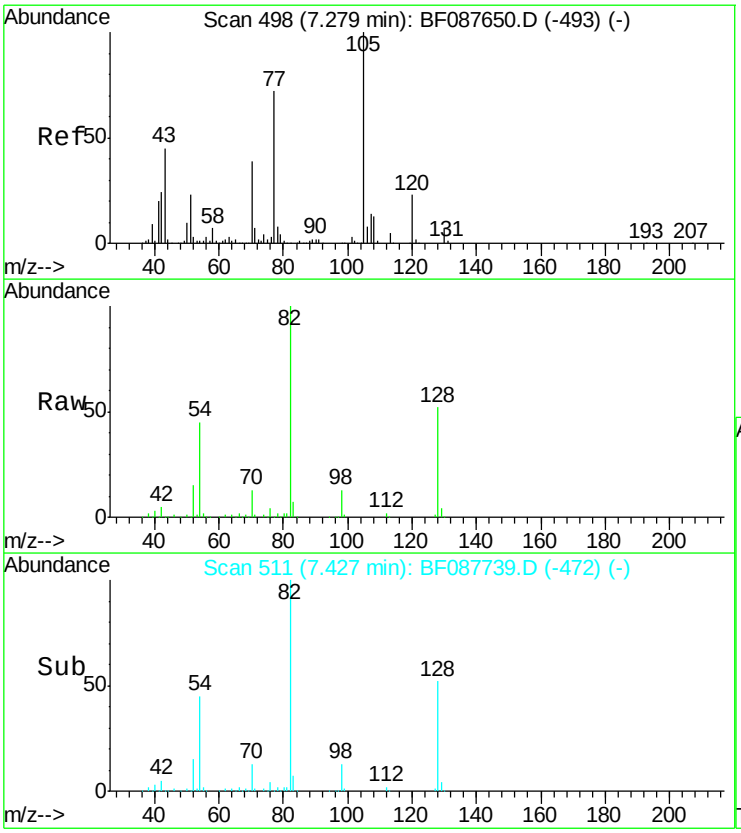
#7
Phenol-d6
Concen: 76.63 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

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

Tgt Ion: 99 Resp: 813250

Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.2	18.2
71	33.4	23.4	35.0

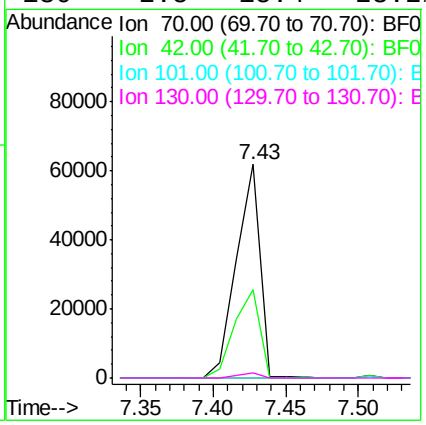


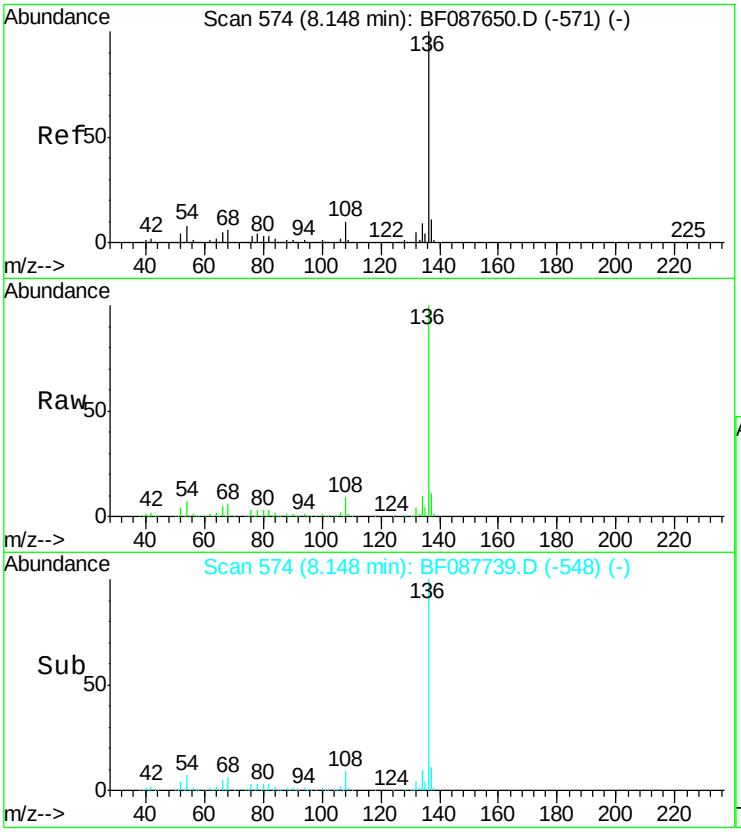


#19
n-Nitroso-di-n-propylamine
Concen: 10.53 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.15 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

Tgt Ion: 70 Resp: 69822

Ion	Ratio	Lower	Upper
70	100		
42	41.1	49.6	74.4#
101	0.0	7.1	10.7#
130	2.5	15.4	23.2#



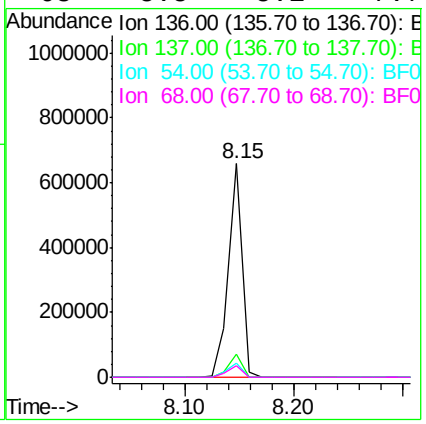


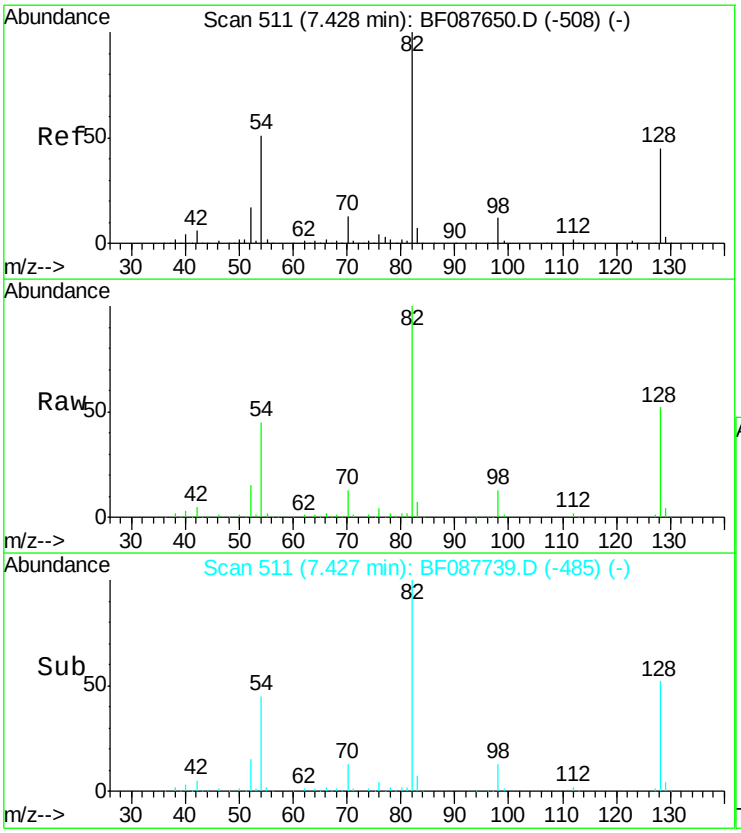
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

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

Tgt Ion:136 Resp: 569956

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.8	6.6	10.0
68	5.5	5.1	7.7

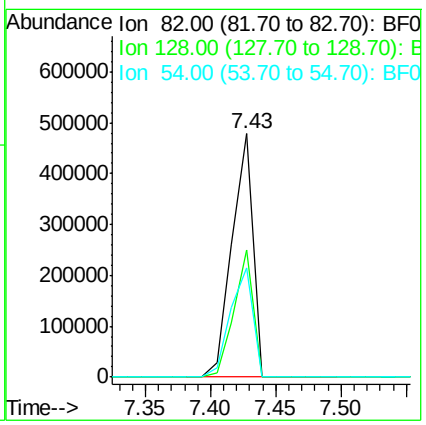


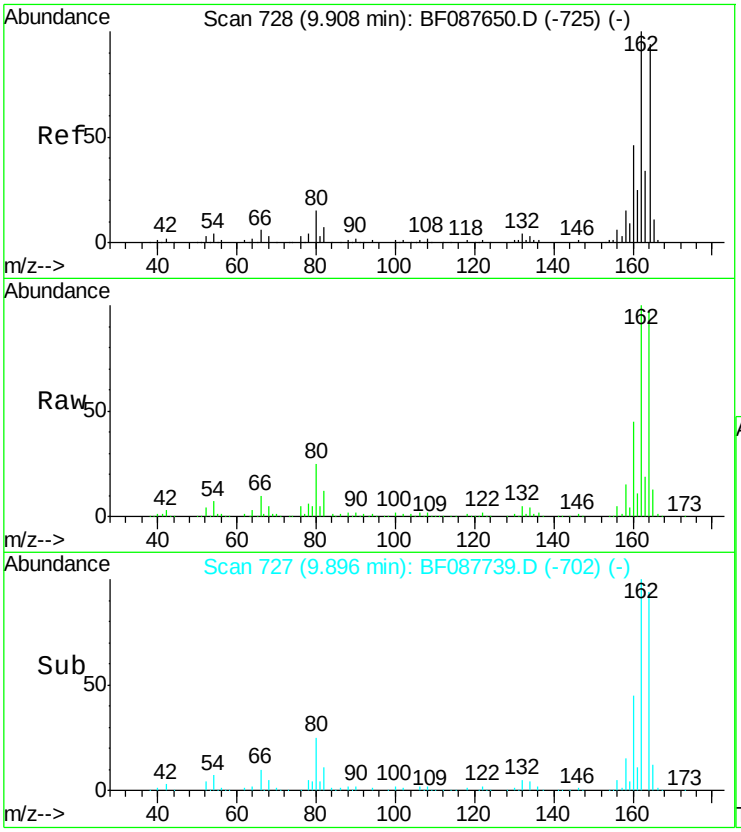


#23
Nitrobenzene-d5
Concen: 53.69 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

Tgt Ion: 82 Resp: 528863

Ion	Ratio	Lower	Upper
82	100		
128	52.5	35.9	53.9
54	45.1	40.9	61.3



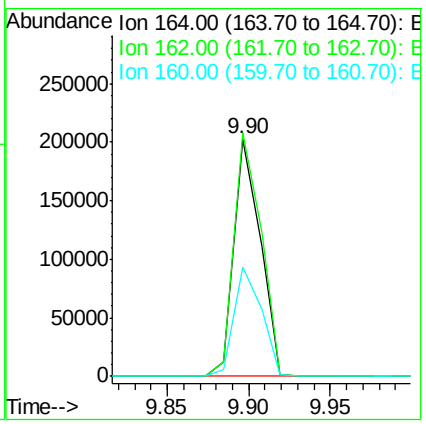


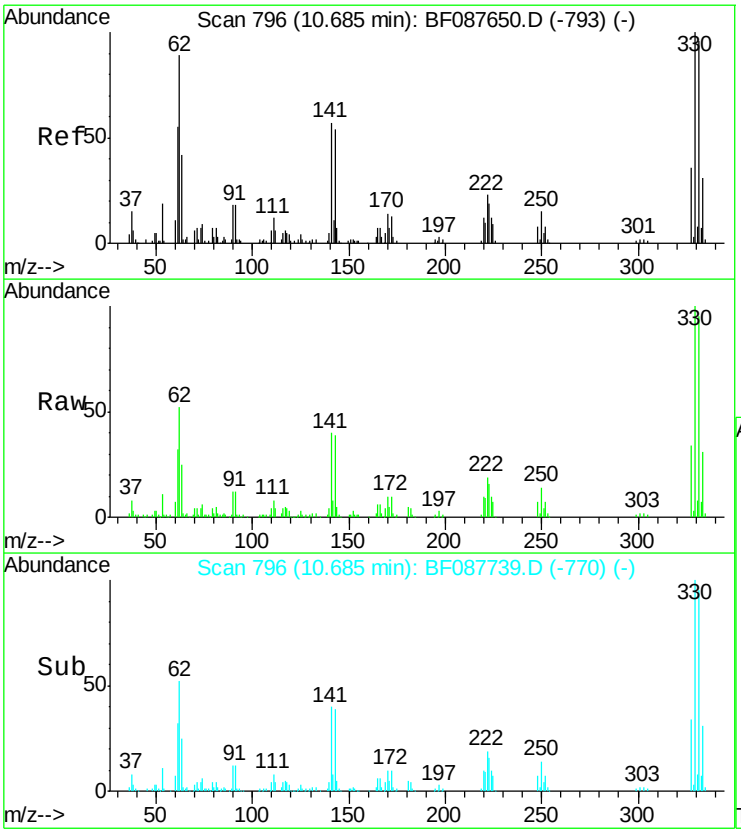
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

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

Tgt Ion:164 Resp: 224192

Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.4	128.2
160	46.1	39.5	59.3

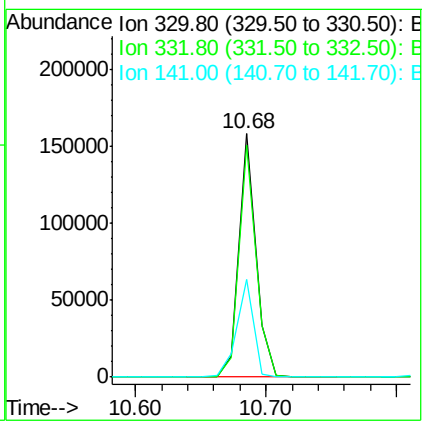


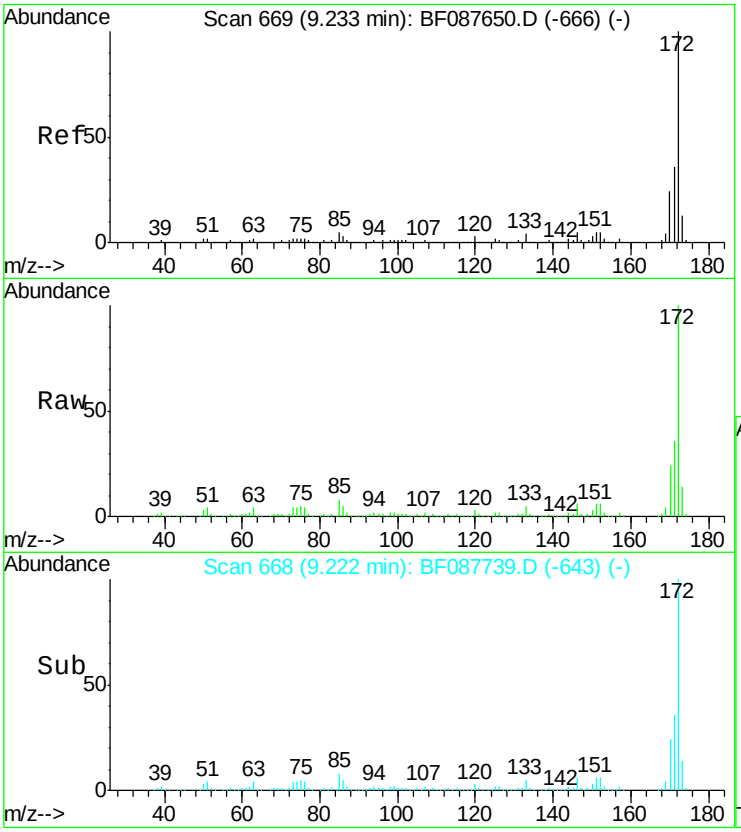


#41
2,4,6-Tribromophenol
Concen: 63.35 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

Tgt Ion:330 Resp: 142563

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	40.2	0.0	0.0#



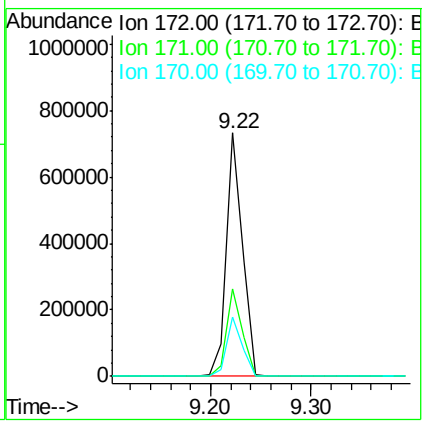


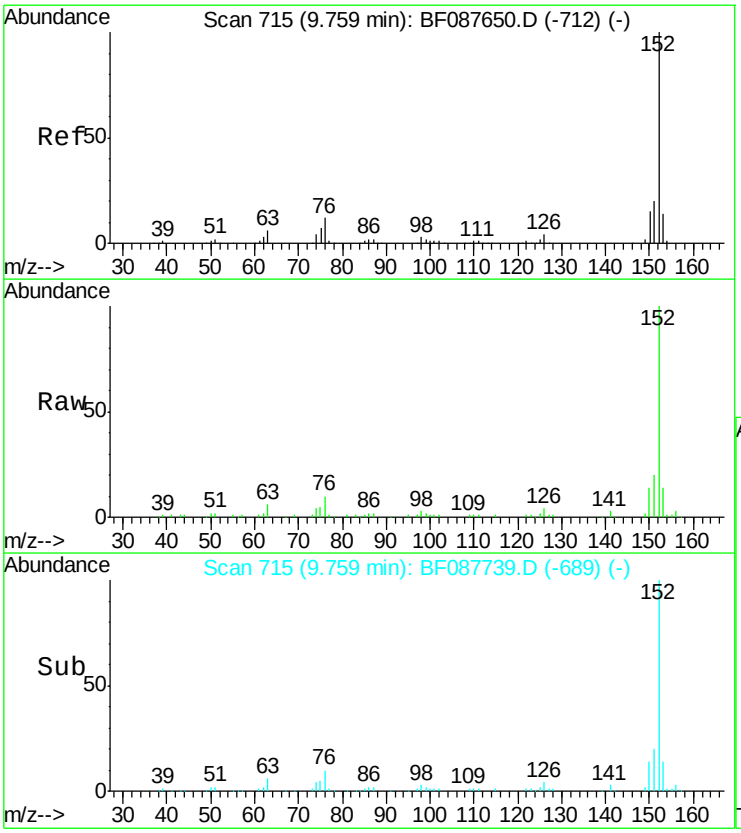
#44
2-Fluorobiphenyl
Concen: 48.95 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

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

Tgt Ion:172 Resp: 812489

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.3	19.2	28.8

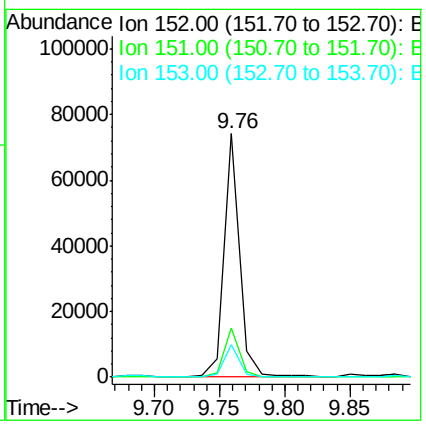


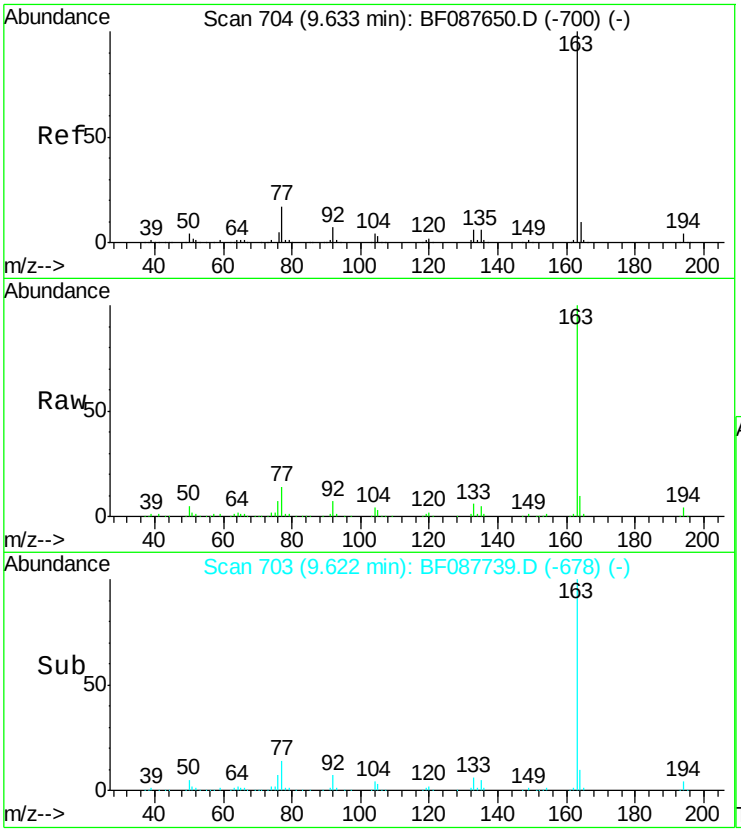


#48
Acenaphthylene
Concen: 2.76 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

Tgt Ion:152 Resp: 62265

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	13.6	11.0	16.6



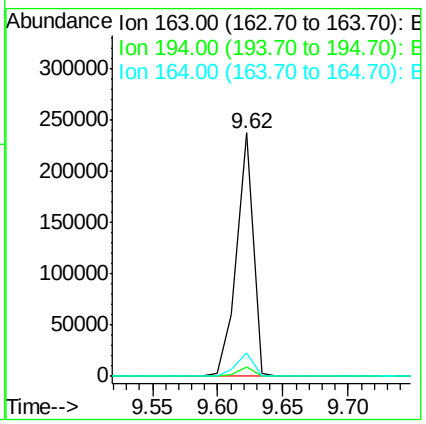


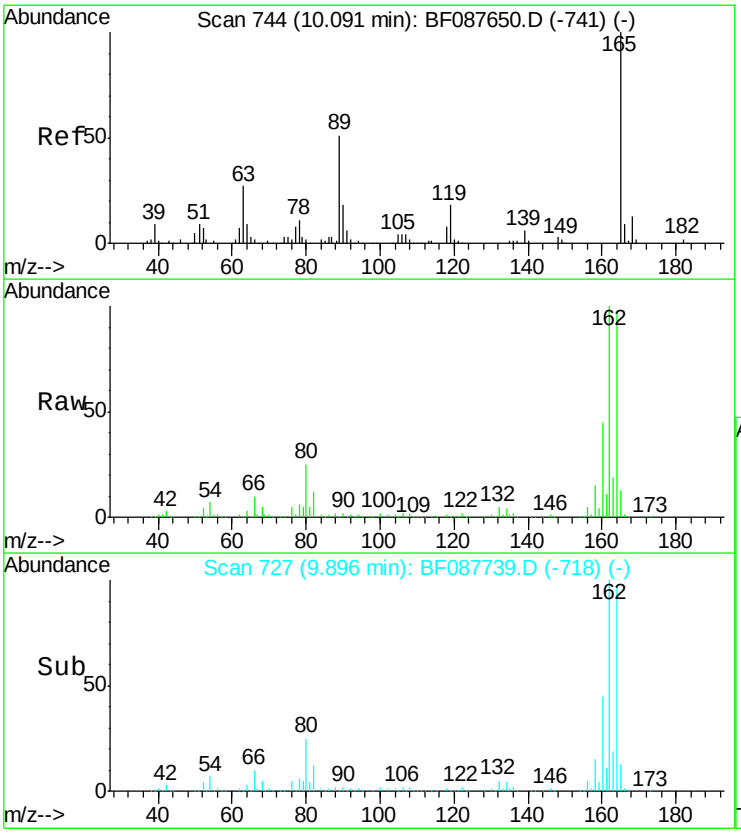
#49
Dimethylphthalate
Concen: 12.86 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

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

Tgt Ion:163 Resp: 209659

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.7	8.3	12.5

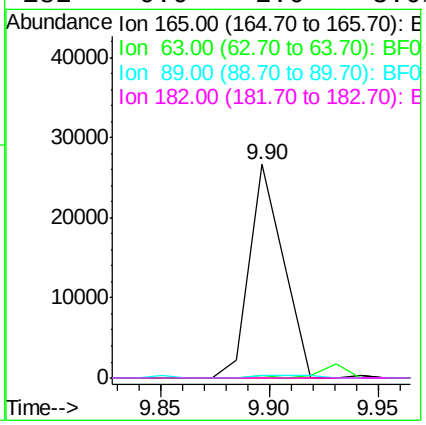


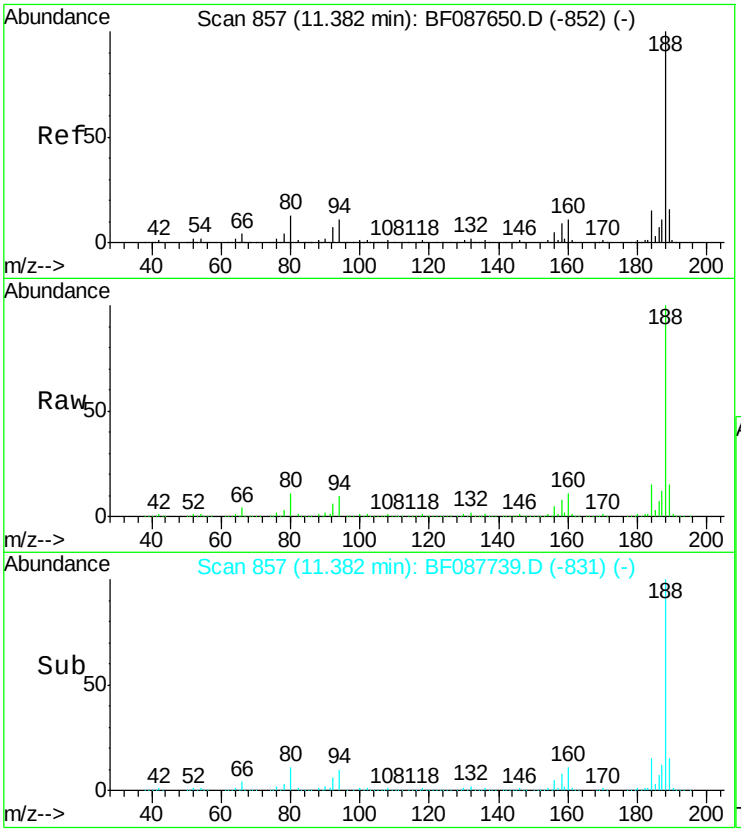


#56
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.19 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

Tgt Ion:165 Resp: 28995

Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.5	41.1	61.7#
182	0.0	2.0	3.0#



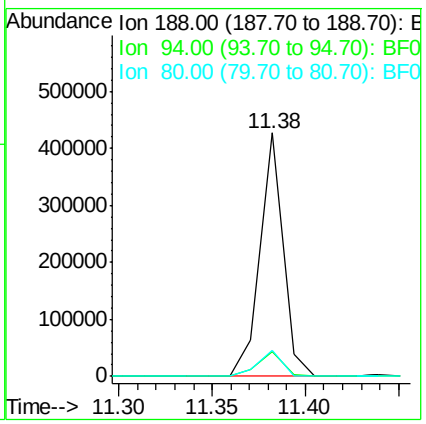


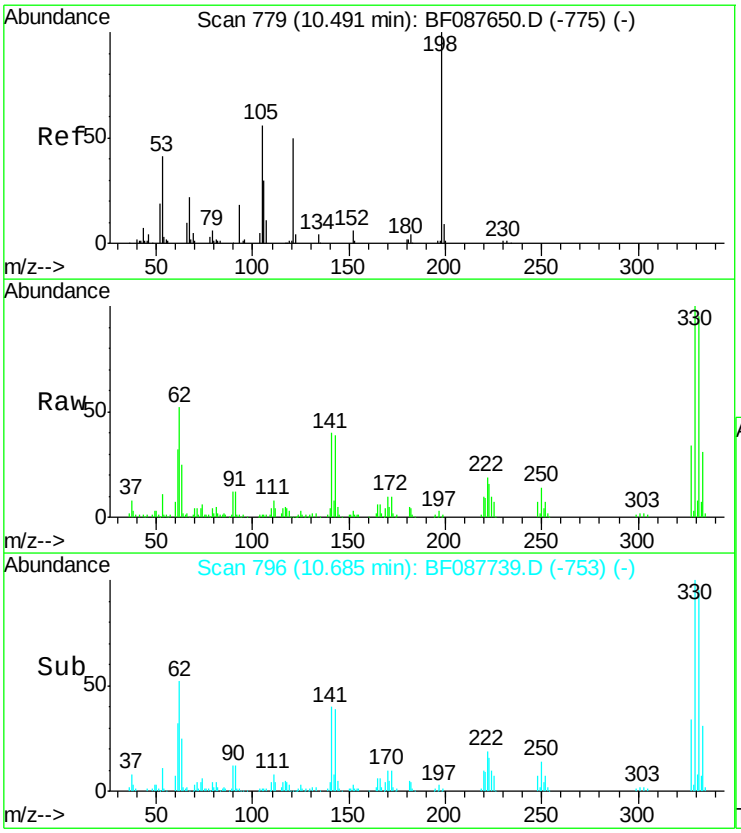
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

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

Tgt Ion:188 Resp: 364268

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.0	13.6
80	10.8	10.0	15.0

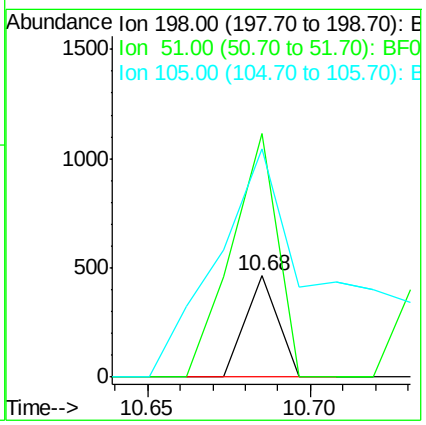


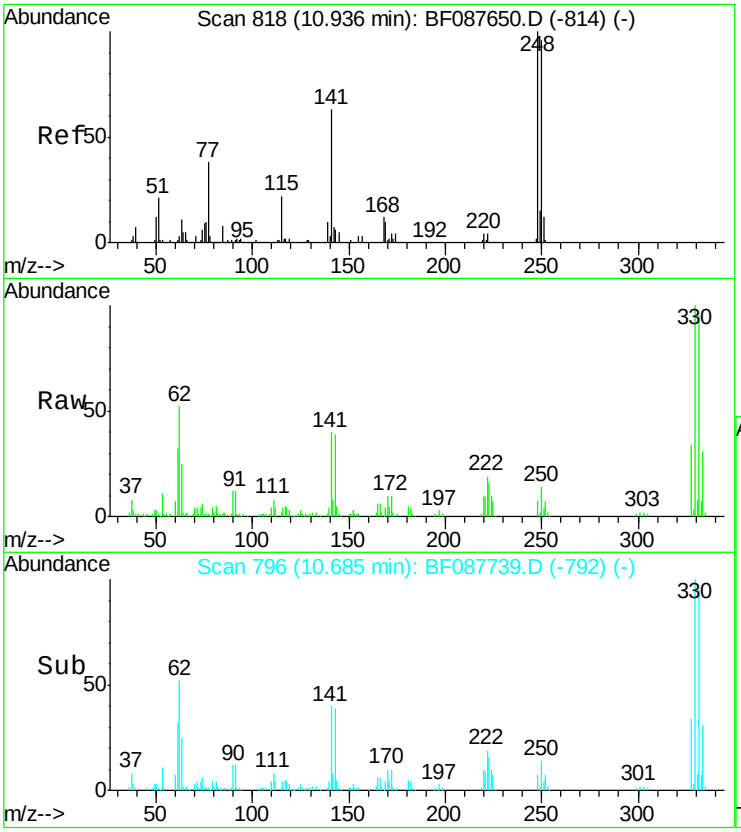


#64
4,6-Dinitro-2-methylphenol
Concen: 2.17 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.19 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

Tgt Ion:198 Resp: 318

Ion	Ratio	Lower	Upper
198	100		
51	240.1	39.6	79.6#
105	224.6	36.6	76.6#



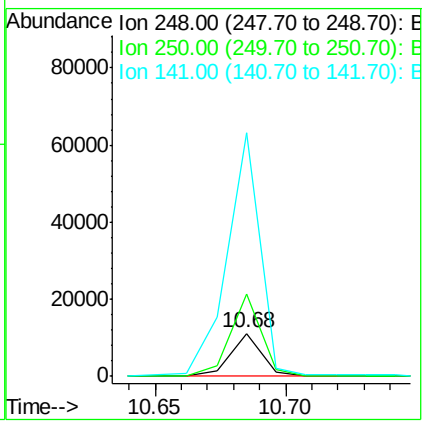


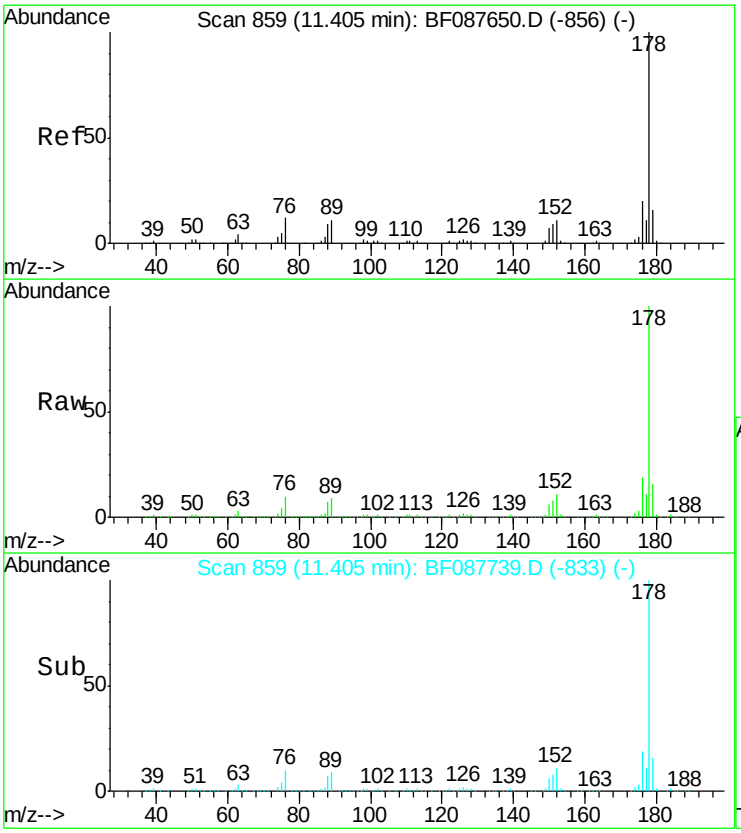
#66
4-Bromophenyl-phenylether
Concen: 2.58 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.25 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

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

Tgt Ion:248 Resp: 9303

Ion	Ratio	Lower	Upper
248	100		
250	191.2	77.1	115.7#
141	565.1	50.6	76.0#

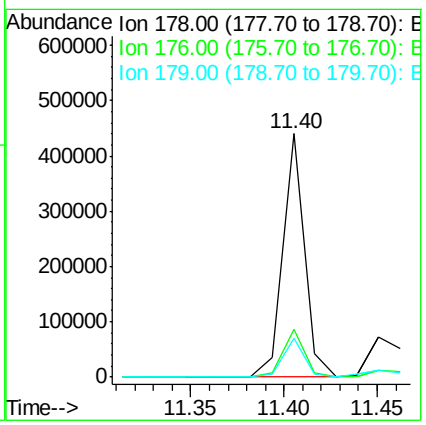


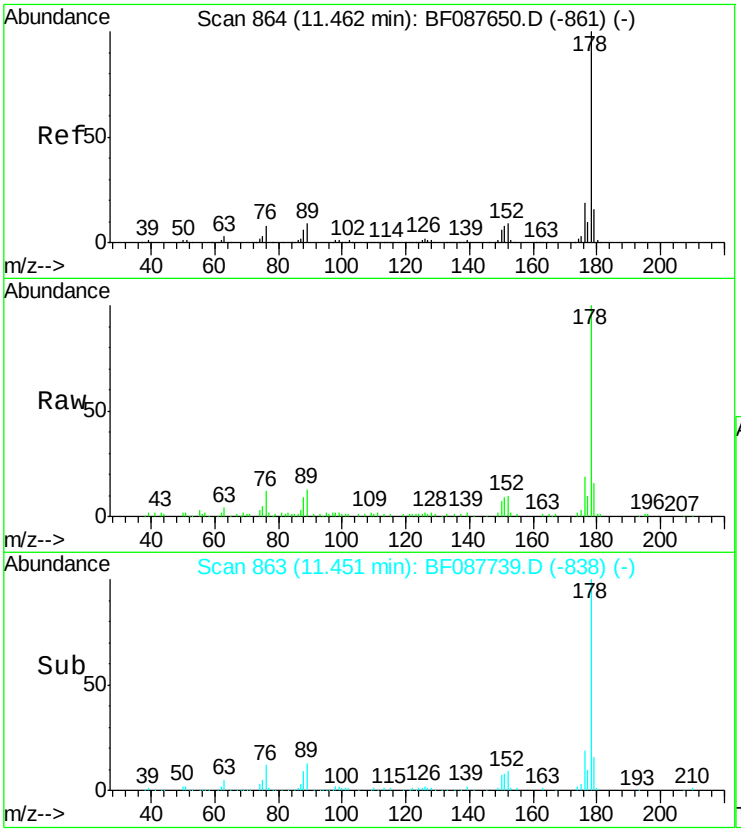


#70
Phenanthrene
Concen: 18.09 ng
RT: 11.40 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

Tgt Ion:178 Resp: 357237

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.7	13.0	19.4



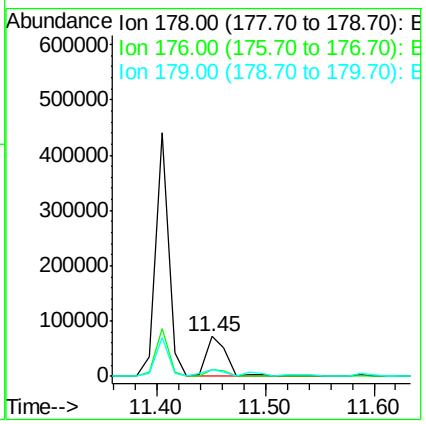


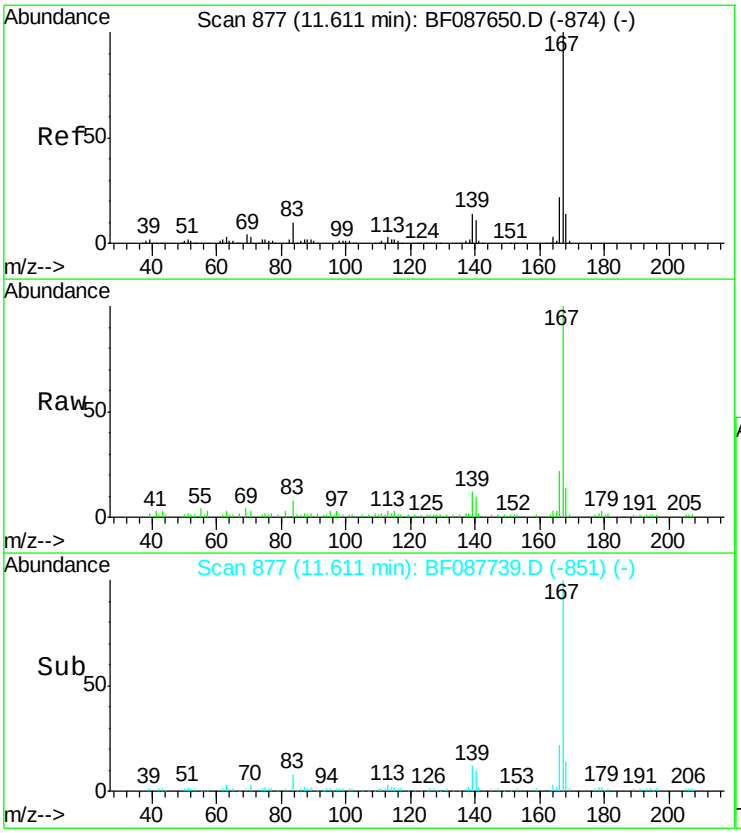
#71
Anthracene
Concen: 4.65 ng
RT: 11.45 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

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

Tgt Ion:178 Resp: 92113

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	16.3	12.8	19.2

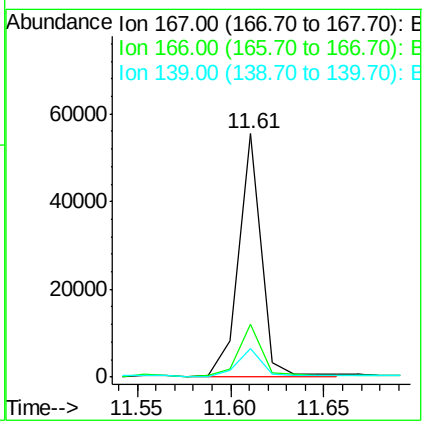


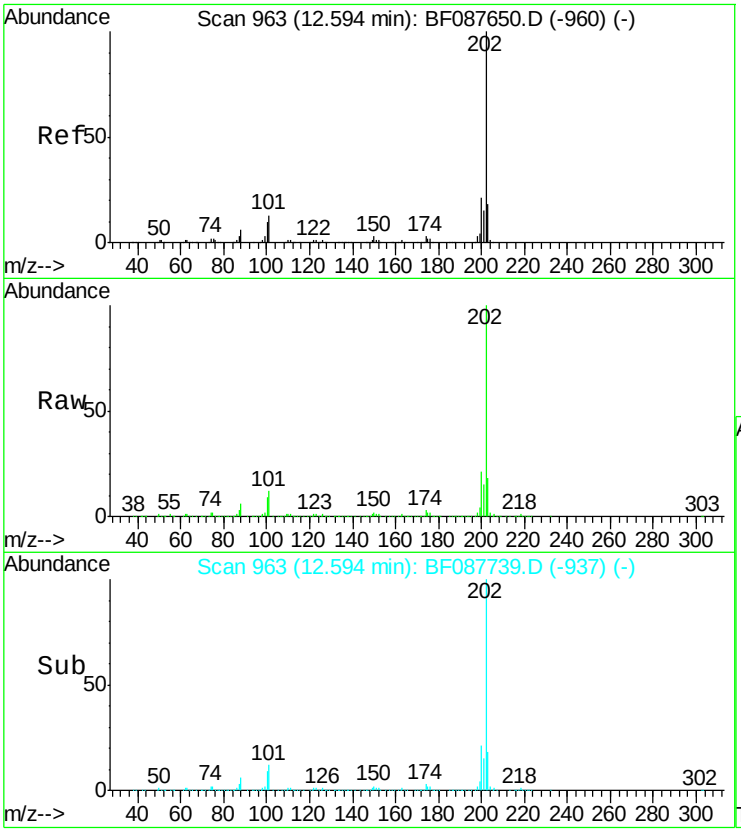


#72
Carbazole
Concen: 2.53 ng
RT: 11.61 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

Tgt Ion:167 Resp: 47486

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	12.0	11.2	16.8



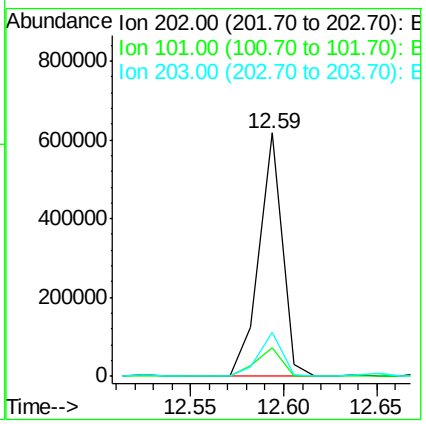


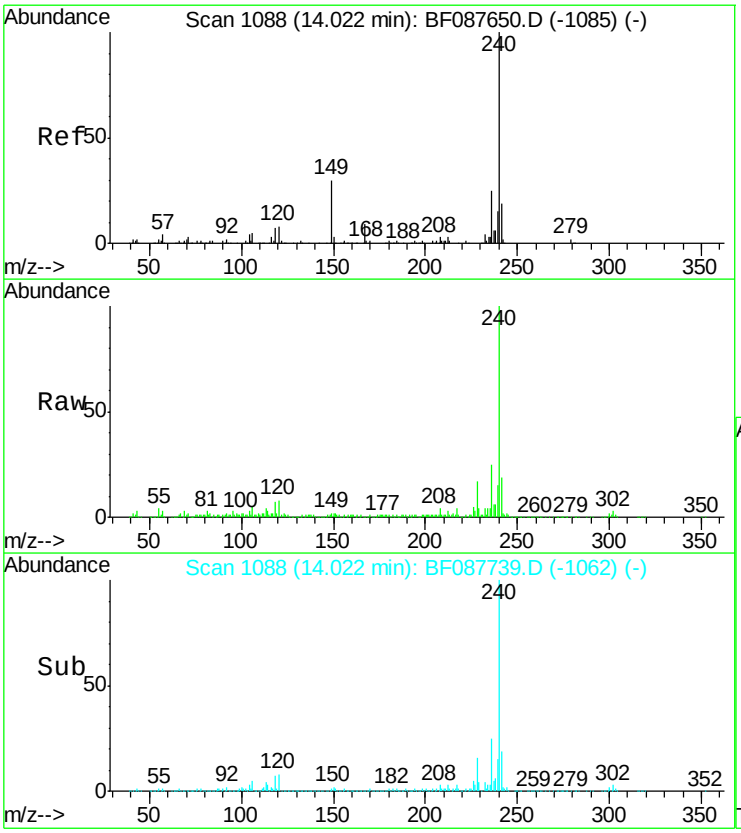
#74
Fluoranthene
Concen: 27.27 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

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

Tgt Ion:202 Resp: 529921

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.1
203	17.9	0.0	38.1

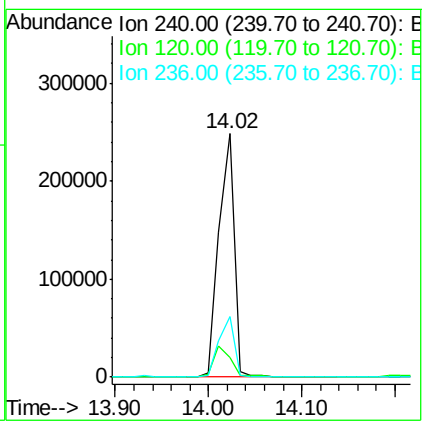


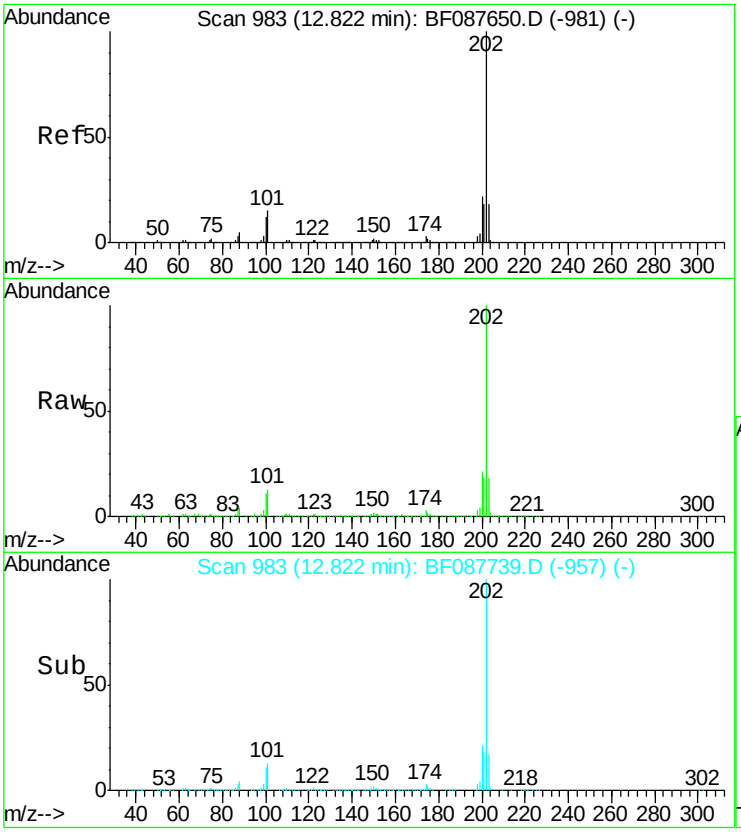


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

Tgt Ion:240 Resp: 280849

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.8	10.2
236	25.1	20.2	30.2



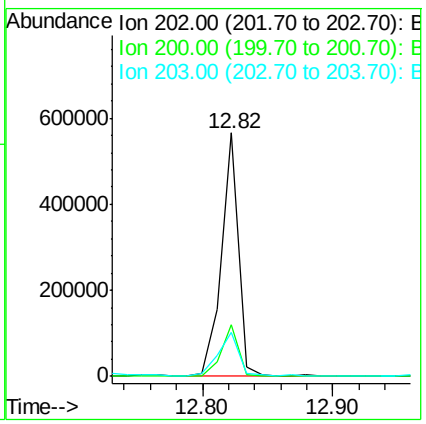


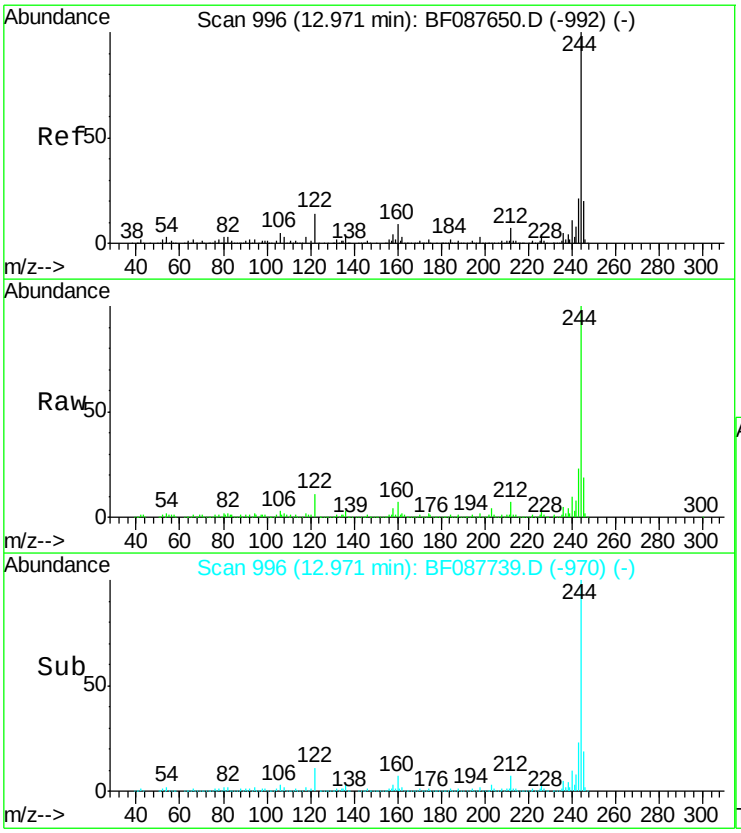
#77
Pyrene
Concen: 25.84 ng
RT: 12.82 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

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

Tgt Ion:202 Resp: 516709

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	18.0	14.5	21.7

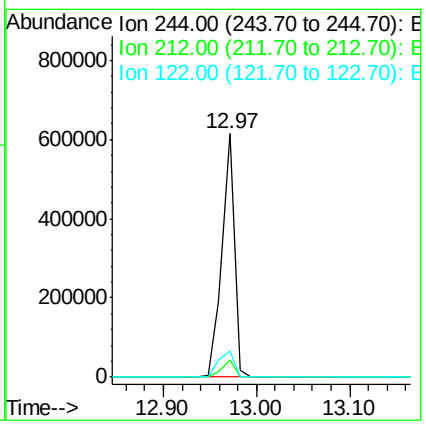


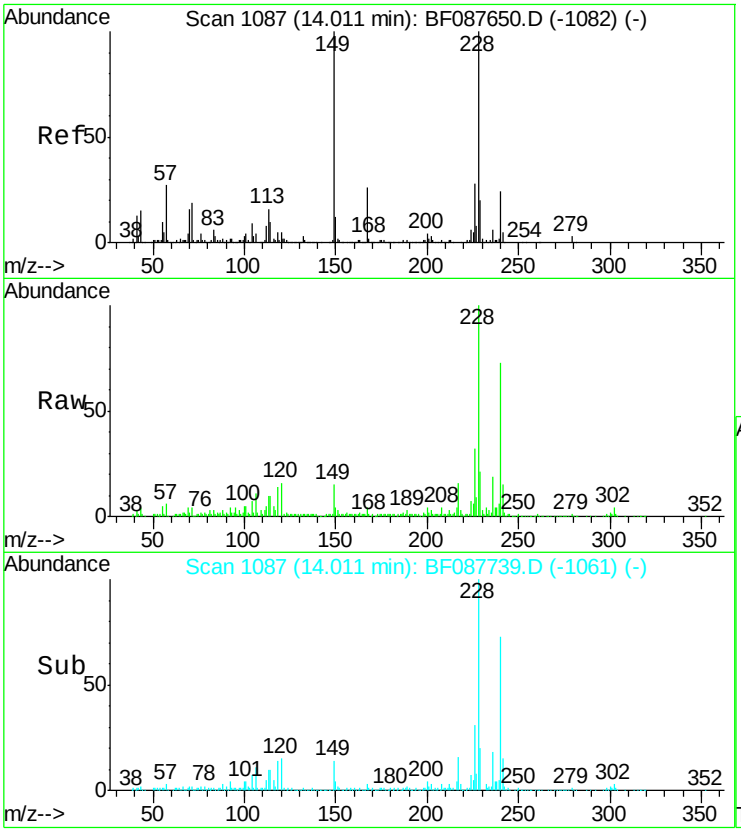


#78
Terphenyl-d14
Concen: 49.56 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

Tgt Ion:244 Resp: 570422

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	10.7	11.2	16.8#



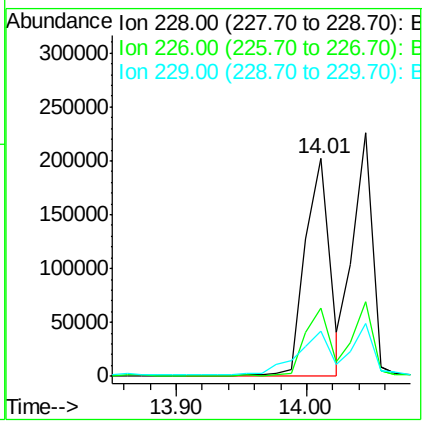


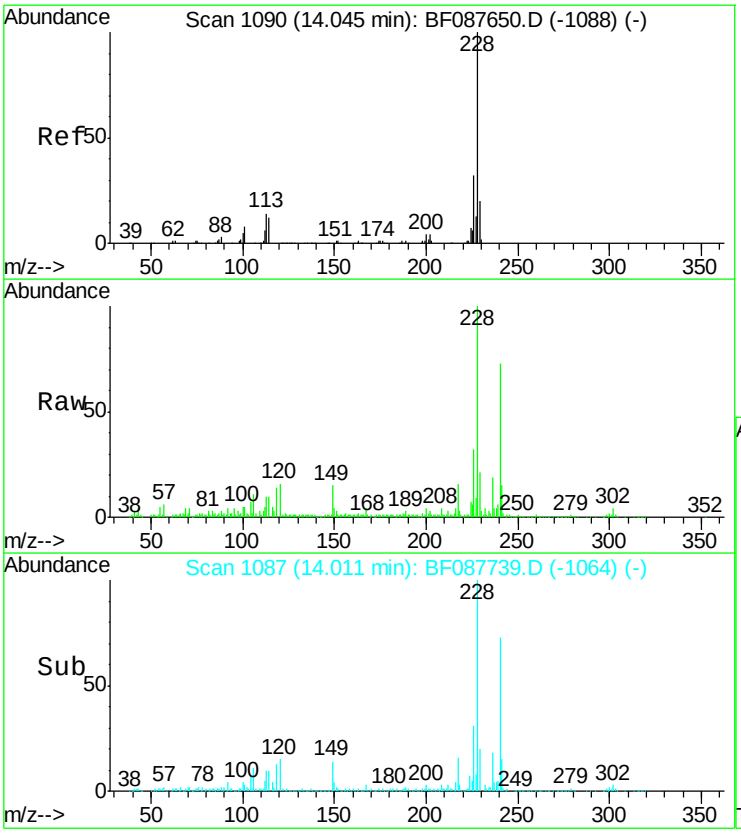
#80
Benzo(a)anthracene
Concen: 16.08 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

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

Tgt Ion:228 Resp: 260616

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.3	33.5
229	20.8	16.0	24.0

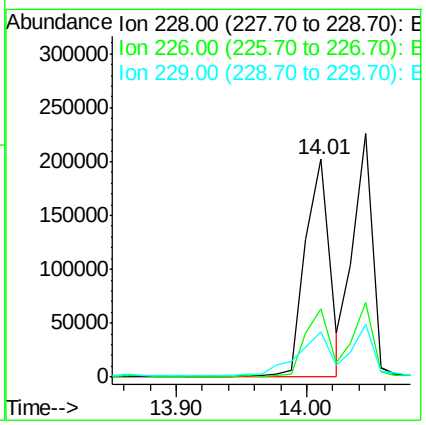


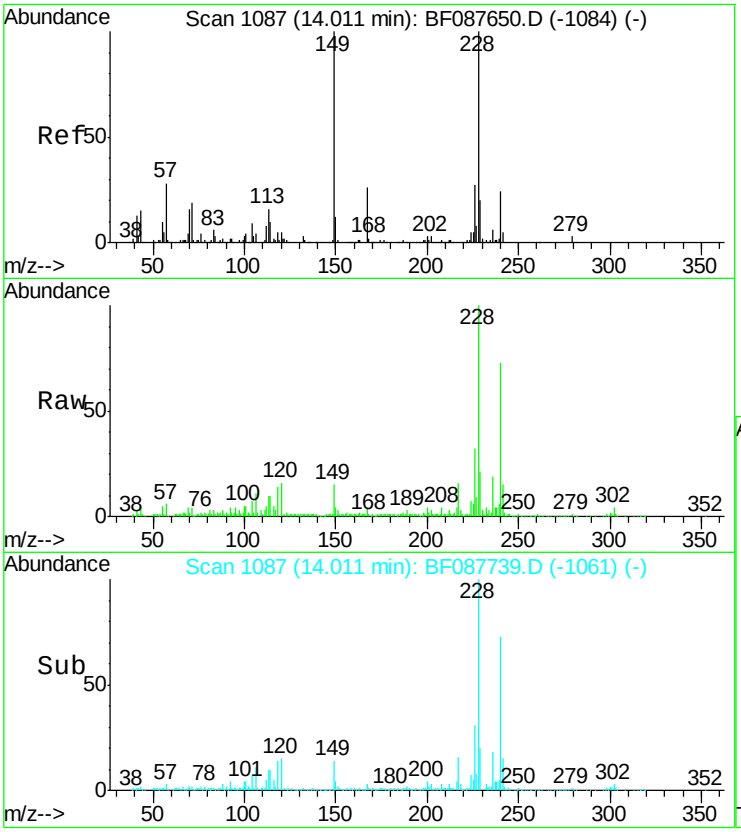


#82
Chrysene
Concen: 16.15 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.03 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

Tgt Ion:228 Resp: 260616

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.2
229	20.8	16.3	24.5



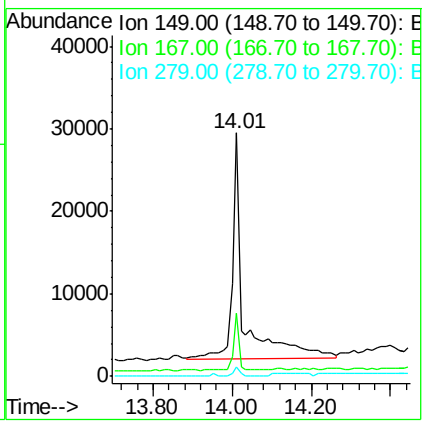


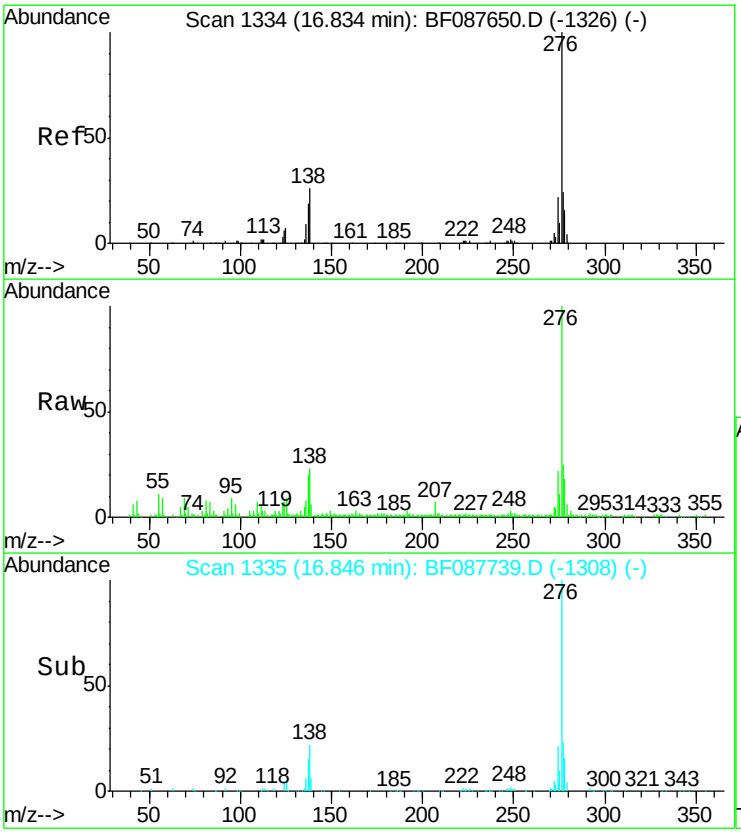
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.33 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

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

Tgt Ion:149 Resp: 53981

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.5	30.7
279	3.9	2.0	3.0#

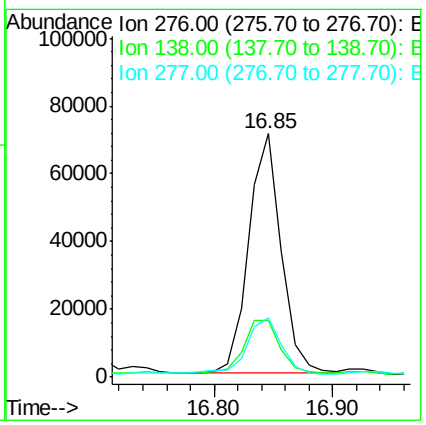


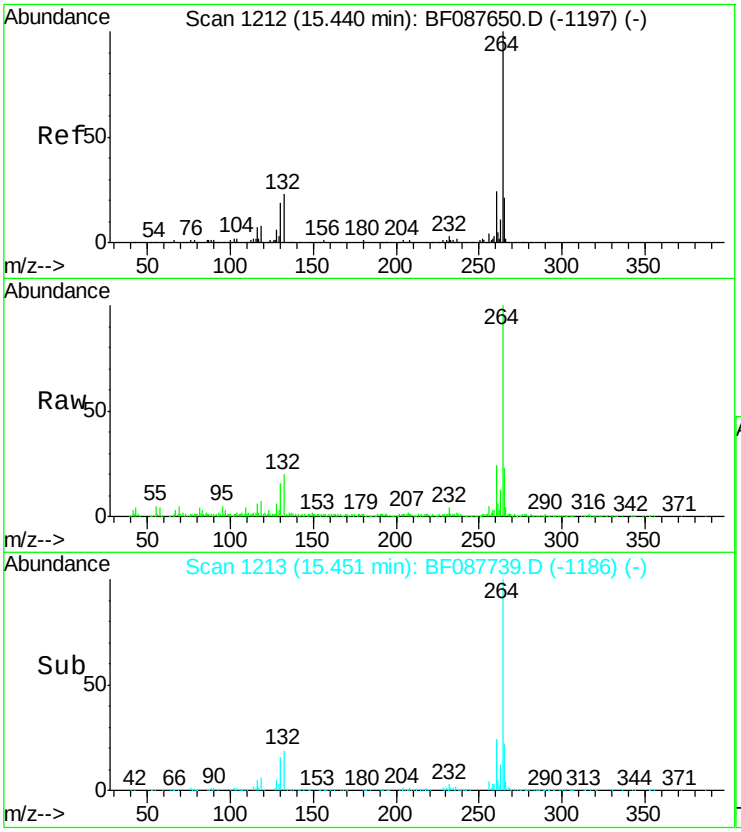


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.13 ng
RT: 16.85 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

Tgt Ion:276 Resp: 135064

Ion	Ratio	Lower	Upper
276	100		
138	24.6	0.0	0.0#
277	26.3	0.0	0.0#



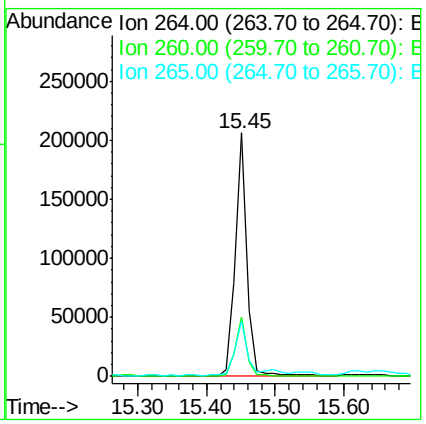


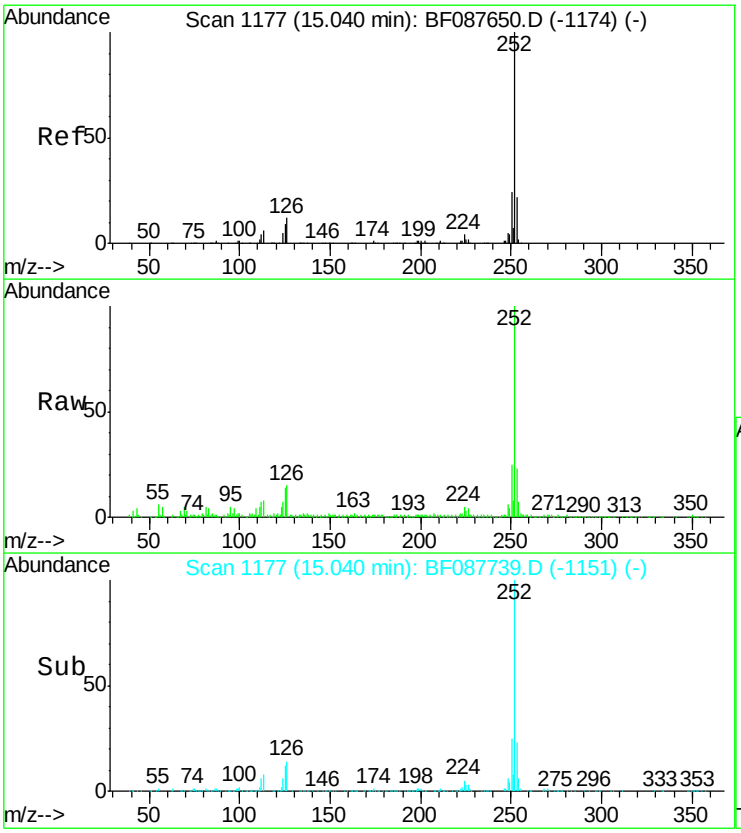
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

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

Tgt Ion:264 Resp: 246095

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.7	16.9	25.3

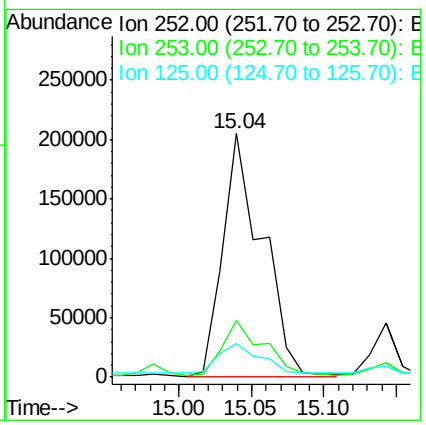


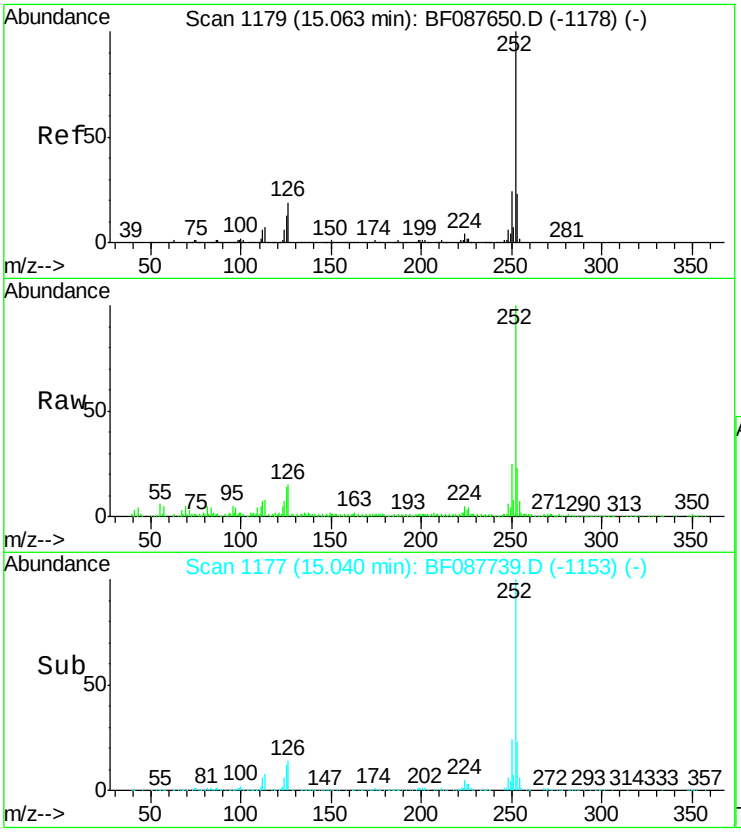


#87
Benzo(b)fluoranthene
Concen: 23.89 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

Tgt Ion:252 Resp: 382426

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	13.8	7.1	10.7#



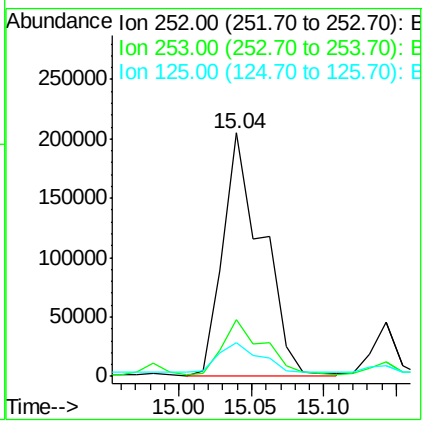


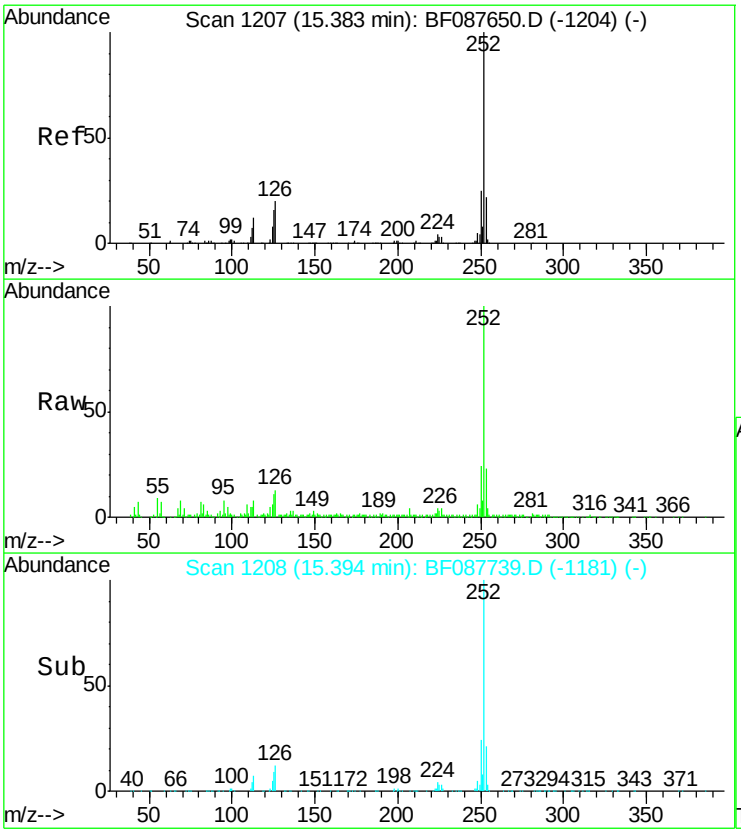
#88
Benzo(k)fluoranthene
Concen: 28.71 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

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

Tgt Ion:252 Resp: 382426

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	13.8	11.2	16.8

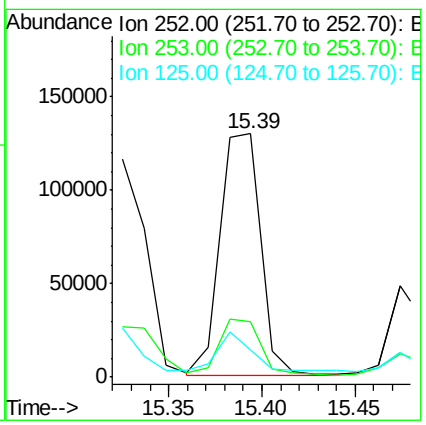


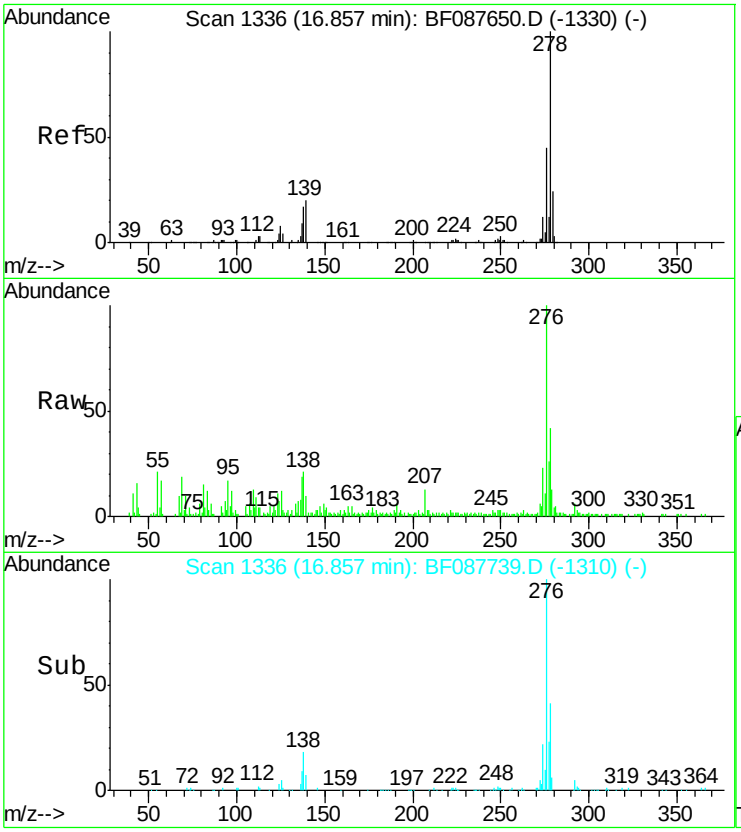


#89
Benzo(a)pyrene
Concen: 14.69 ng
RT: 15.39 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

Tgt Ion:252 Resp: 197667

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	11.4	12.5	18.7#



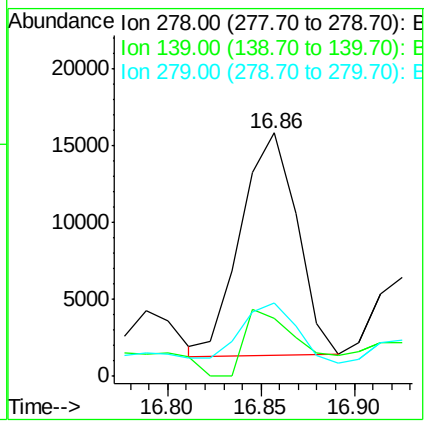


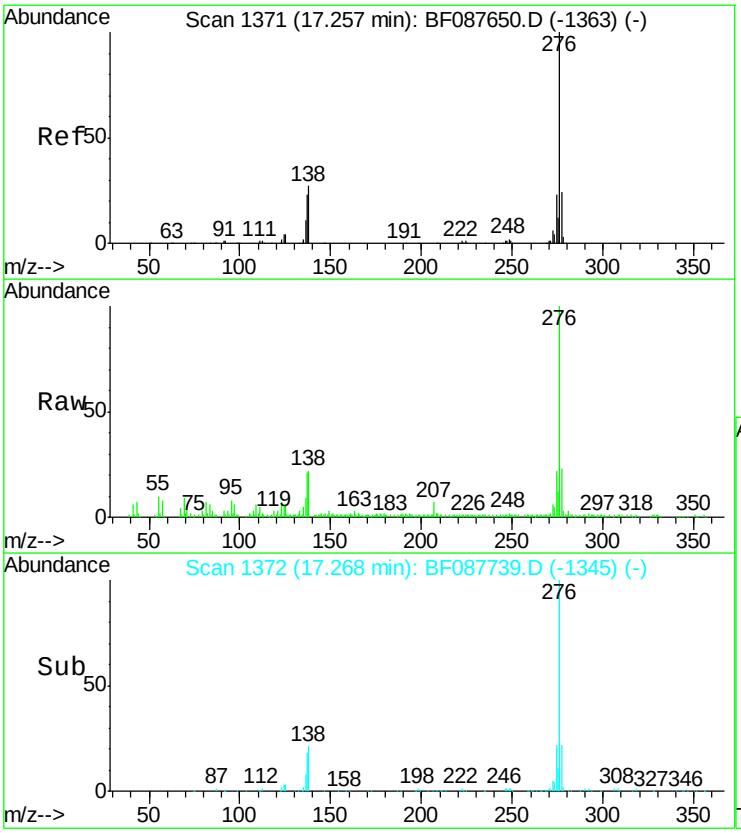
#90
Dibenzo(a,h)anthracene
Concen: 2.64 ng
RT: 16.86 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

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

Tgt Ion:278 Resp: 30285

Ion	Ratio	Lower	Upper
278	100		
139	23.8	15.7	23.5#
279	30.2	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 12.31 ng
RT: 17.27 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF087739.D
Acq: 6 Jun 2016 6:50

Tgt Ion:276 Resp: 142255

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	22.1	21.4	32.2