Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088337.D
Acq On : 24 Jun 2016 17:55
Operator : UM/SJ
Sample : H3598-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1398(0-4)

Quant Time: Jun 25 03:39:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	78650	20.00	ng		-0.02
21) Naphthalene-d8	7.87	136	304706	20.00	ng		-0.02
38) Acenaphthene-d10	9.61	164	139446	20.00	ng		-0.03
63) Phenanthrene-d10	11.10	188	253647	20.00	ng		-0.02
75) Chrysene-d12	13.73	240	153485	20.00	ng		-0.02
86) Perylene-d12	15.09	264	167416	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	609179	132.41	ng		0.00
7) Phenol-d6	6.25	99	764213	137.06	ng		-0.01
23) Nitrobenzene-d5	7.16	82	505955	96.96	ng		-0.01
41) 2,4,6-Tribromophenol	10.41	330	190820	129.60	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	821013	93.01	ng		-0.02
78) Terphenyl-d14	12.67	244	586146	86.90	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.26	94	10489	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.16	70	63644	17.84	ng	#	66
25) Isophorone	7.16	82	495178	51.23	ng	#	65
45) 1,1'-Biphenyl	9.05	154	1390	Below Cal			89
48) Acenaphthylene	9.47	152	102668	7.15	ng		98
49) Dimethylphthalate	9.35	163	94387	9.34	ng		99
56) 2,4-Dinitrotoluene	9.61	165	18486	6.22	ng	#	39
57) Fluorene	10.16	166	14634	Below Cal		#	93
64) 4,6-Dinitro-2-methylphenol	10.41	198	208	2.29	ng	#	1
66) 4-Bromophenyl-phenylether	10.41	248	12030	4.42	ng	#	1
70) Phenanthrene	11.12	178	185319	13.92	ng		97
71) Anthracene	11.16	178	107505	8.01	ng		98
72) Carbazole	11.34	167	28511	2.27	ng		99
74) Fluoranthene	12.30	202	668512	47.59	ng		97
76) Benzidine	12.67	184	8611	2.03	ng	#	93
77) Pyrene	12.53	202	632023	55.49	ng		100
80) Benzo(a)anthracene	13.71	228	405577	46.37	ng		94
82) Chrysene	13.71	228	405577	49.29	ng		99
85) Indeno(1,2,3-cd)pyrene	16.33	276	163445	21.38	ng	#	100
87) Benzo(b)fluoranthene	14.72	252	570608	48.90	ng	#	96
88) Benzo(k)fluoranthene	14.72	252	570608	64.83	ng		99
89) Benzo(a)pyrene	15.03	252	246497	26.11	ng		97
90) Dibenzo(a,h)anthracene	16.16	278	30874	3.52	ng		95
91) Benzo(g,h,i)perylene	16.70	276	134104	14.87	ng		98

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

Quantitation Report (Not Reviewed)

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Acq On : 24 Jun 2016 17:55
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Misc :
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Instrument :
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PM-STA-1398(0-4)

Quant Time: Jun 25 03:39:13 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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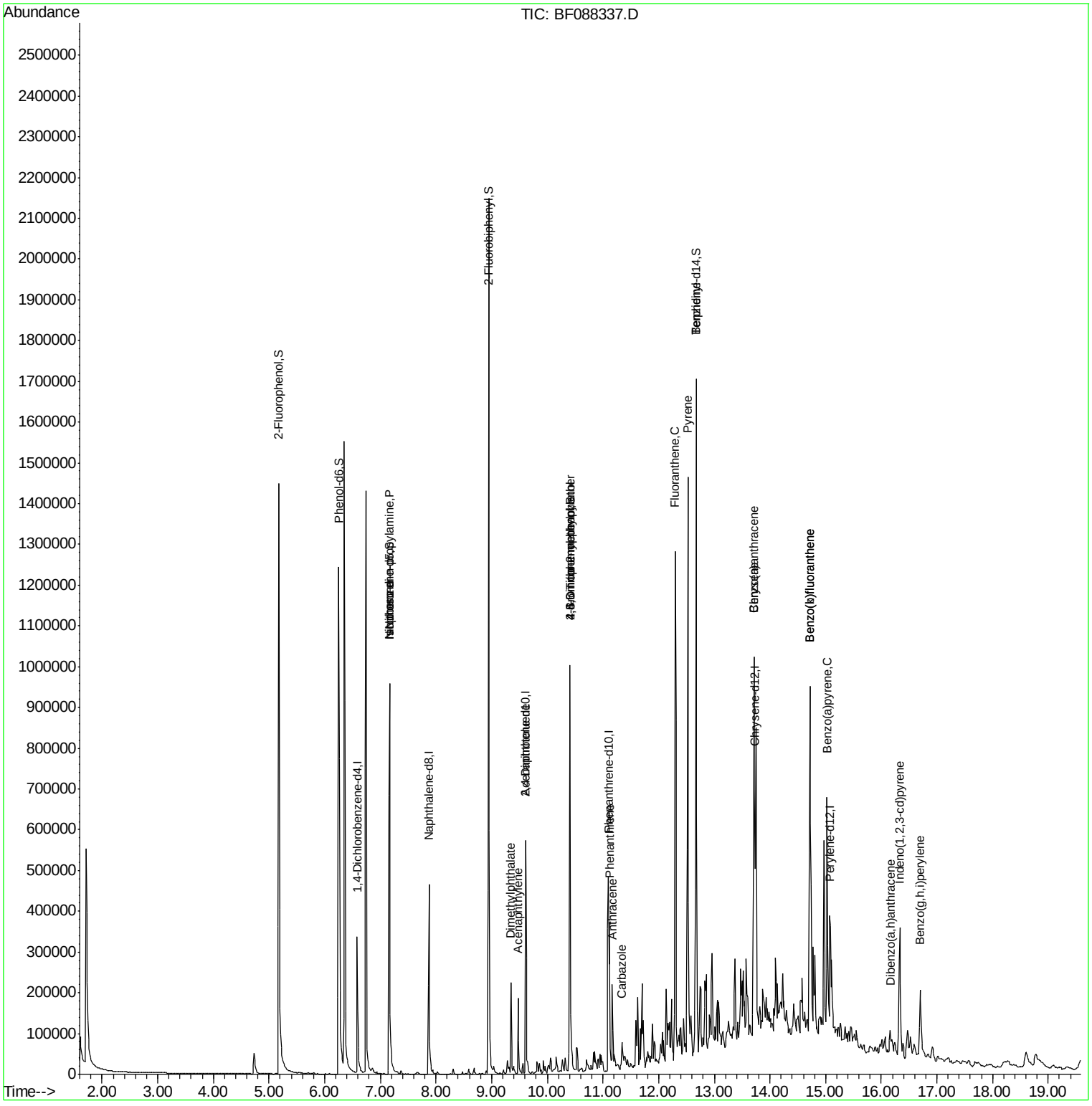
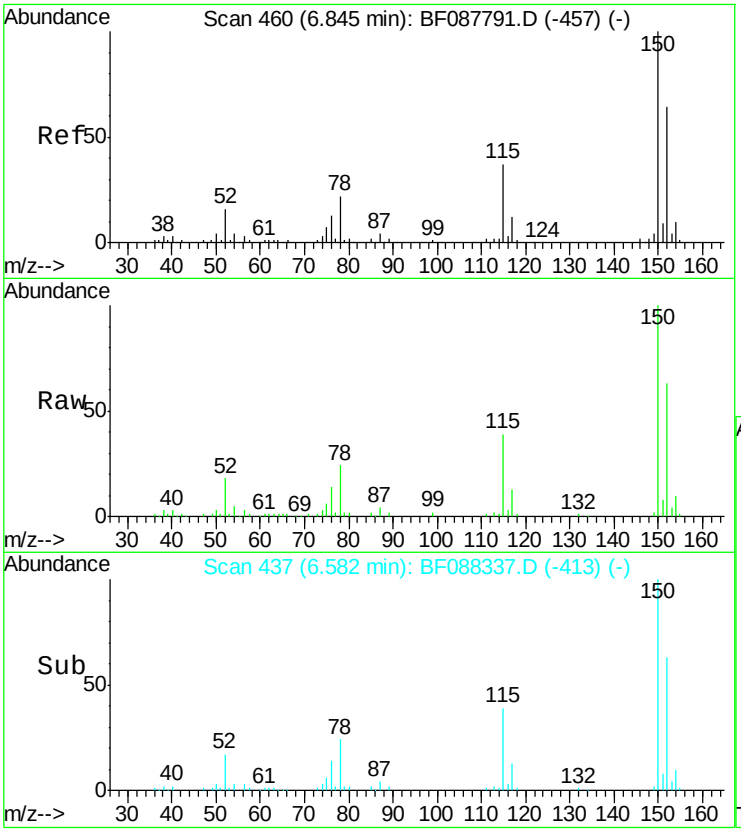


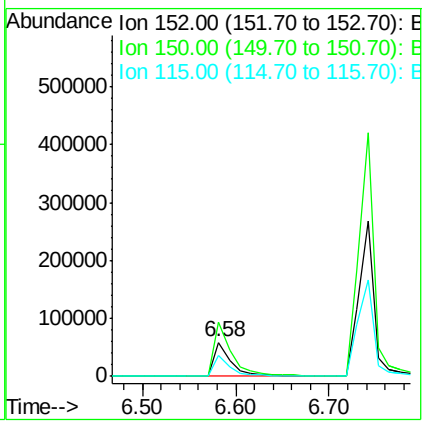


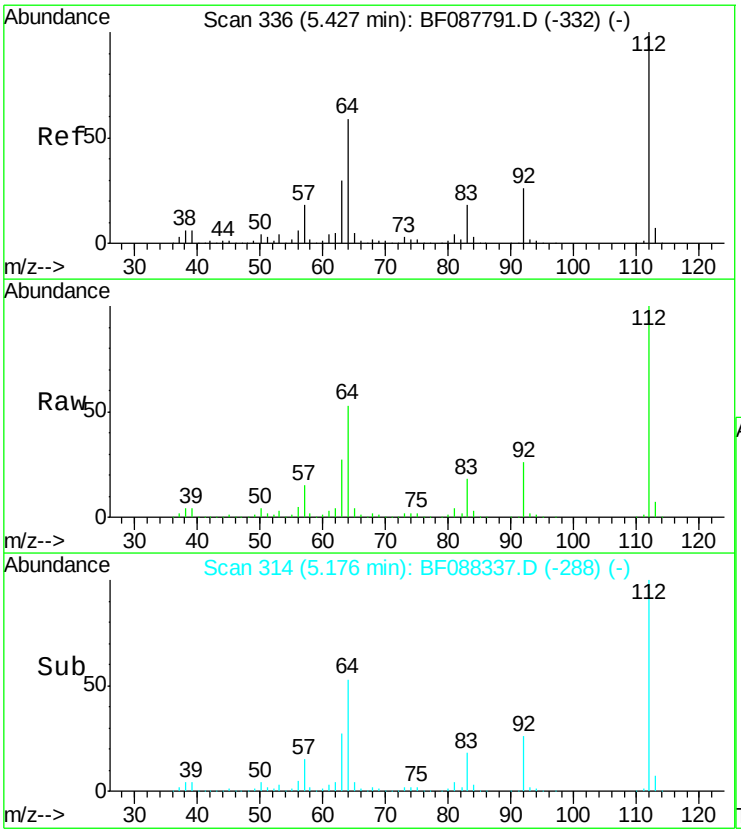
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion:152 Resp: 78650

Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.8	185.6
115	62.3	39.6	59.4#

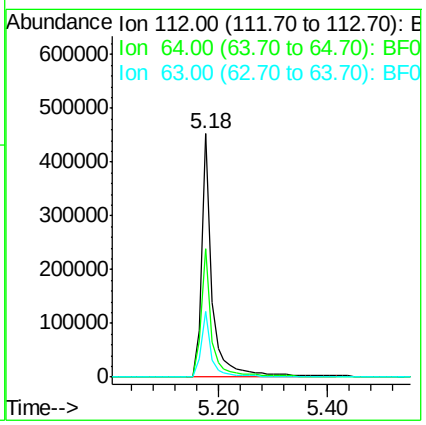


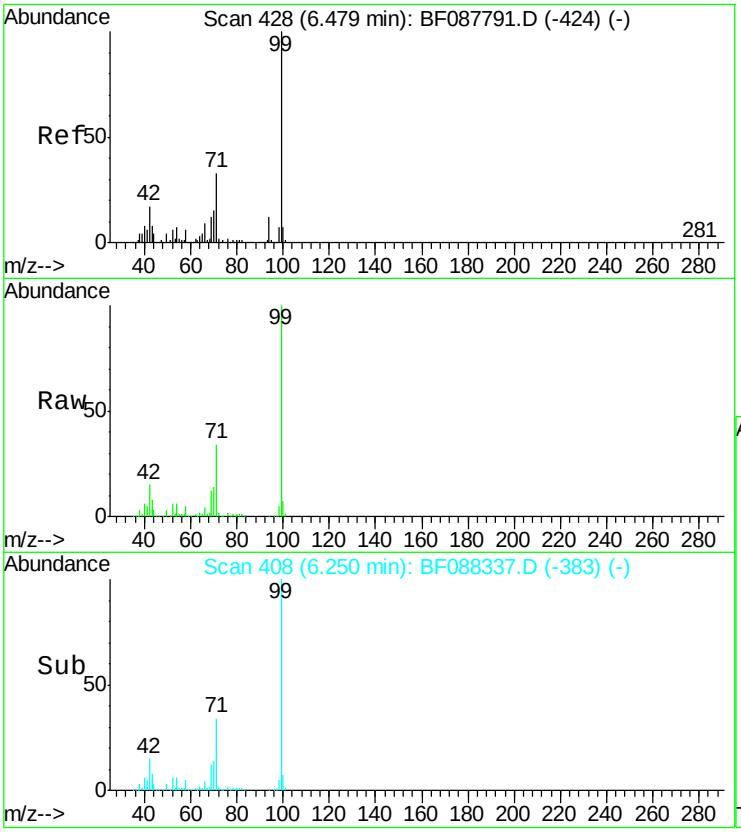


#5
2-Fluorophenol
Concen: 132.41 ng
RT: 5.18 min Scan# 314
Delta R.T. 0.00 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Tgt Ion:112 Resp: 609179

Ion	Ratio	Lower	Upper
112	100		
64	52.6	42.2	63.2
63	27.2	21.8	32.8



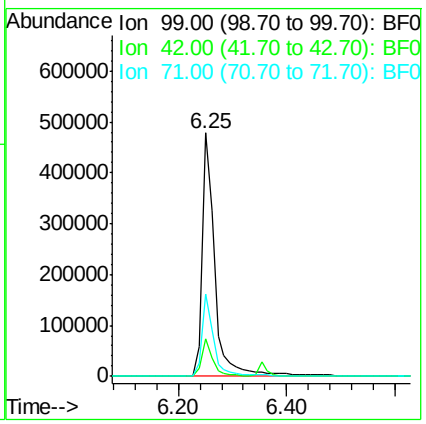


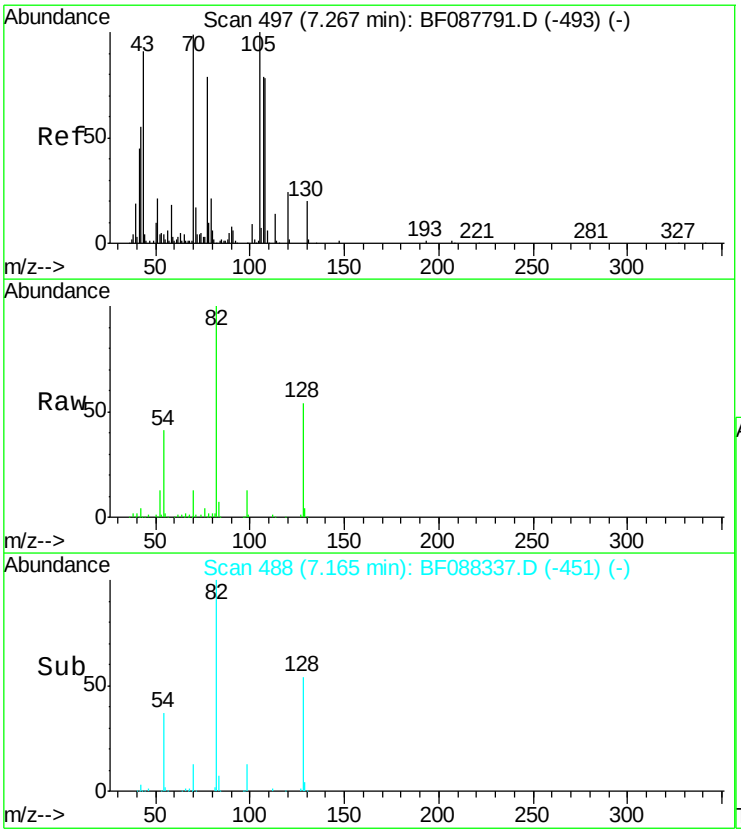
#7
Phenol-d6
Concen: 137.06 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion: 99 Resp: 764213

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.2	18.2
71	34.0	23.4	35.0

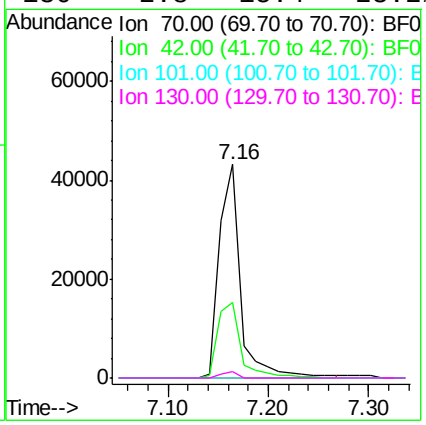


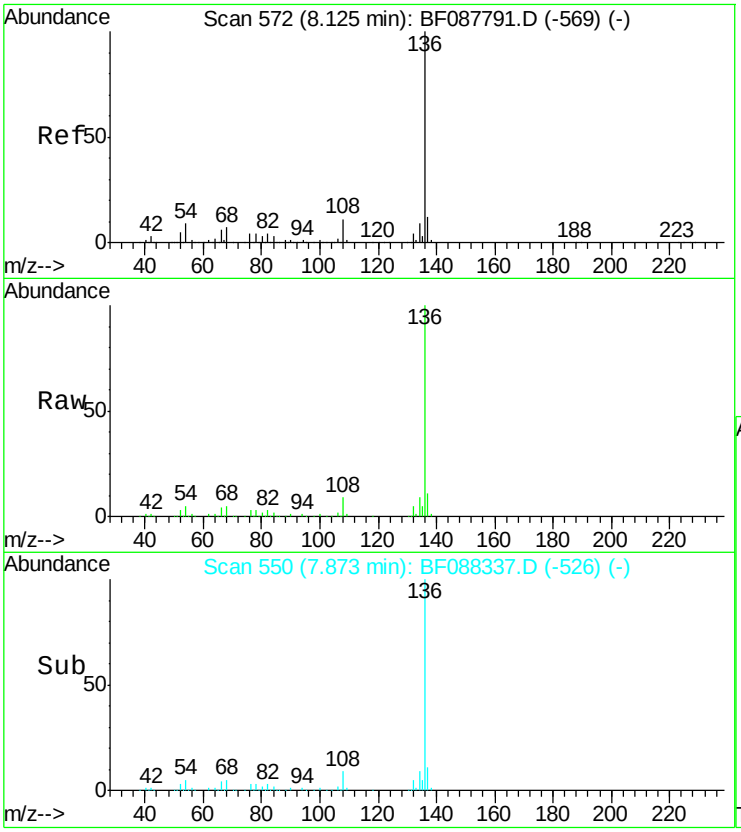


#19
n-Nitroso-di-n-propylamine
Concen: 17.84 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.13 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Tgt Ion: 70 Resp: 63644

Ion	Ratio	Lower	Upper
70	100		
42	35.4	49.6	74.4#
101	0.0	7.1	10.7#
130	2.8	15.4	23.2#



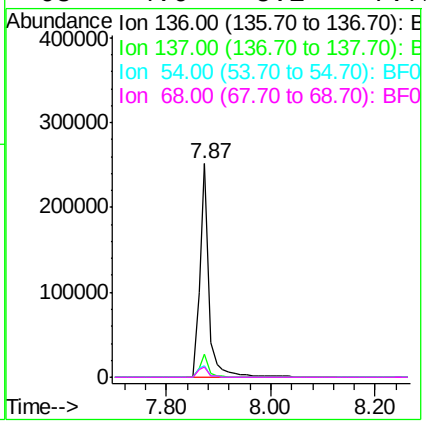


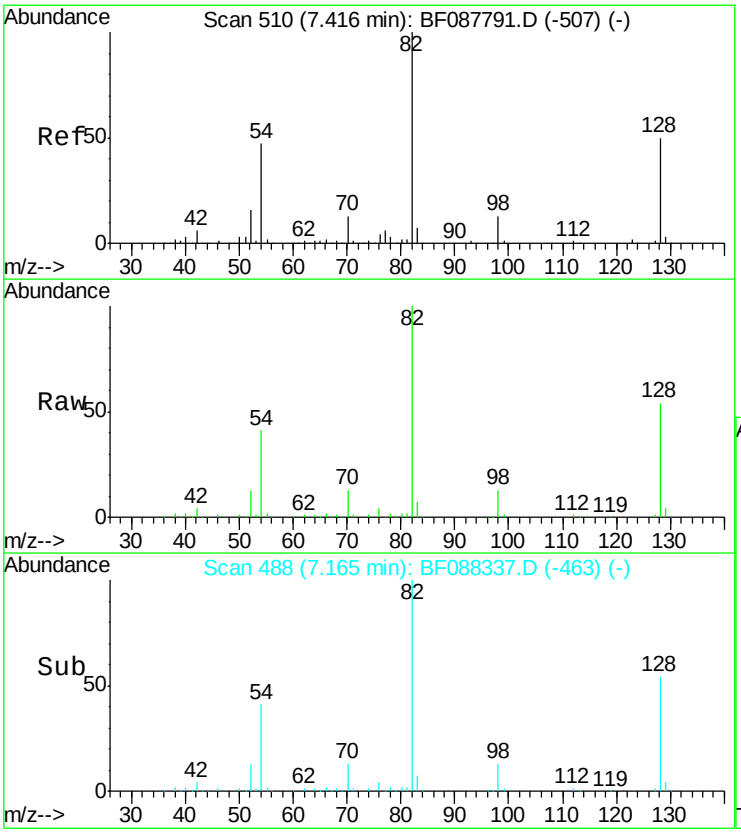
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion:136 Resp: 304706

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.3	6.6	10.0#
68	4.6	5.1	7.7#

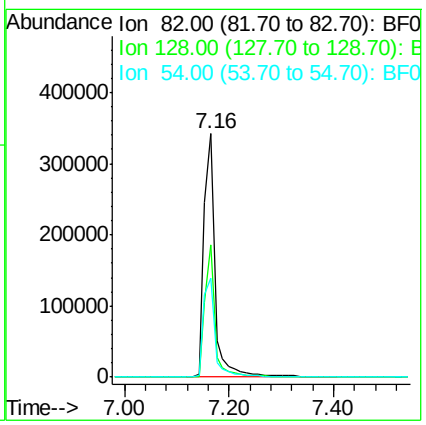


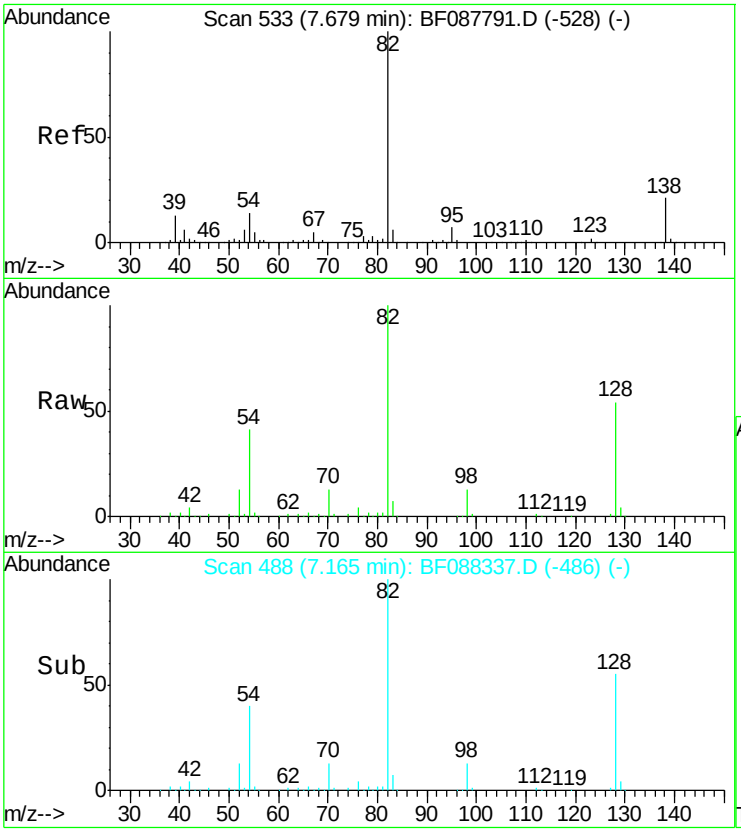


#23
Nitrobenzene-d5
Concen: 96.96 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Tgt Ion: 82 Resp: 505955

Ion	Ratio	Lower	Upper
82	100		
128	54.4	35.9	53.9#
54	40.8	40.9	61.3#



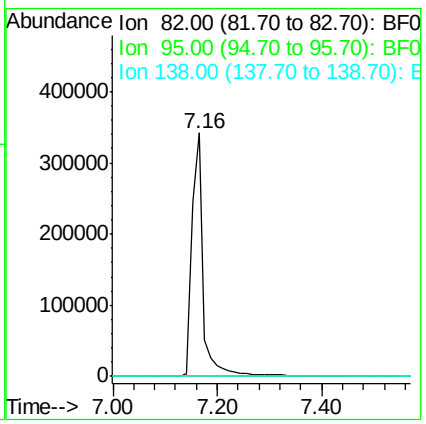


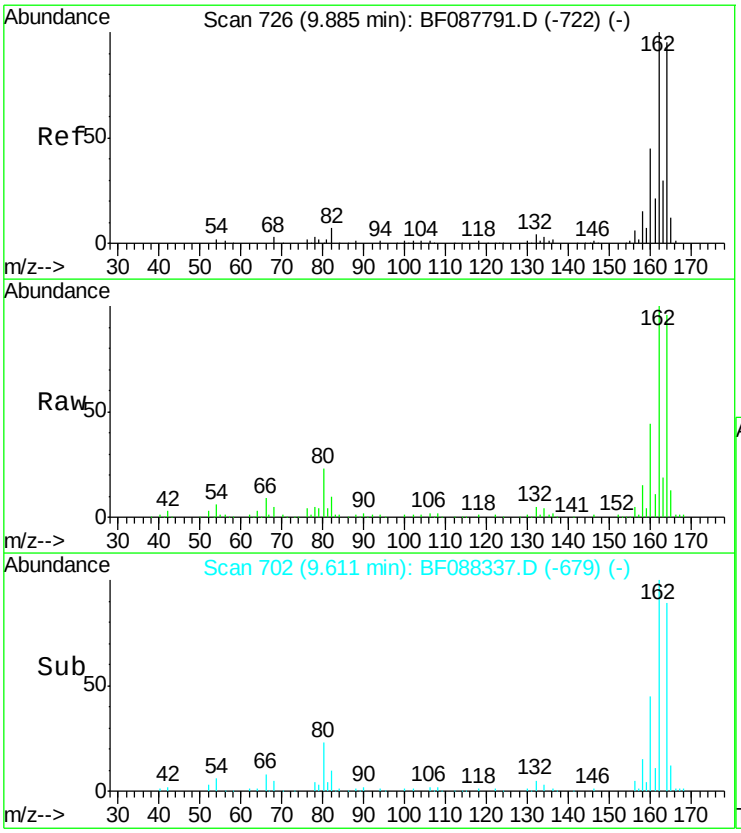
#25
Isophorone
Concen: 51.23 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.27 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion: 82 Resp: 495178

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

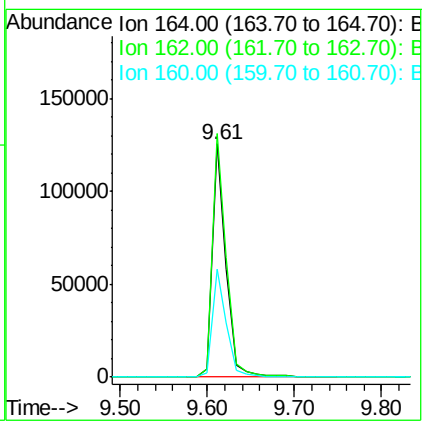


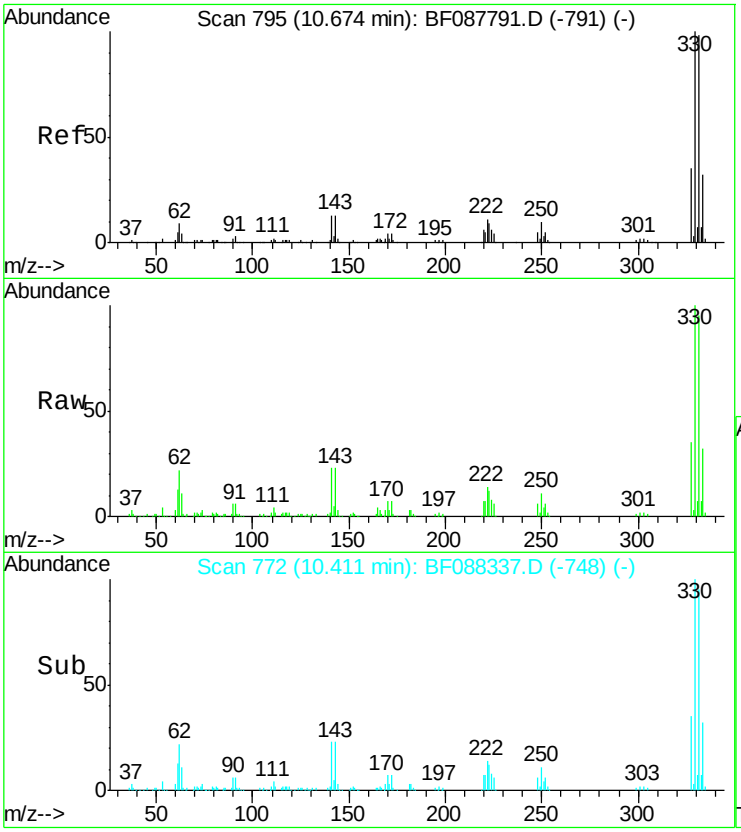


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Tgt Ion:164 Resp: 139446

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.4	128.2
160	46.3	39.5	59.3



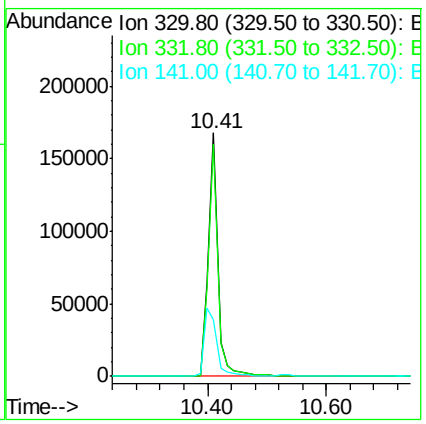


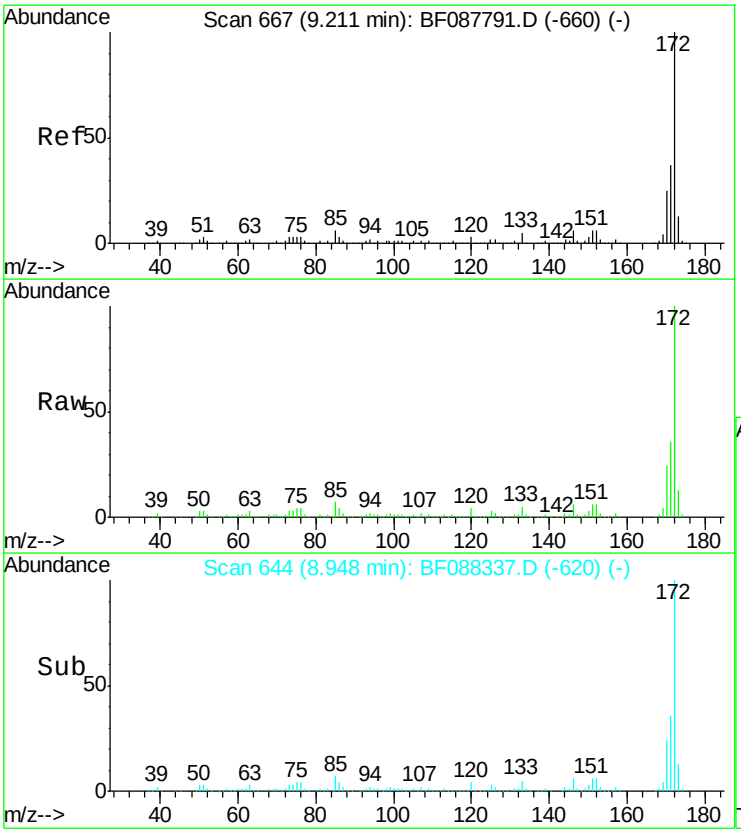
#41
2,4,6-Tribromophenol
Concen: 129.60 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion:330 Resp: 190820

Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	36.9	0.0	0.0#

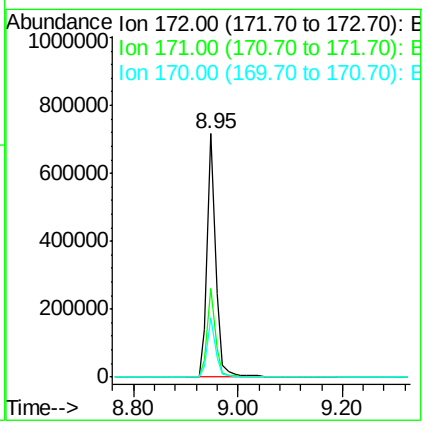


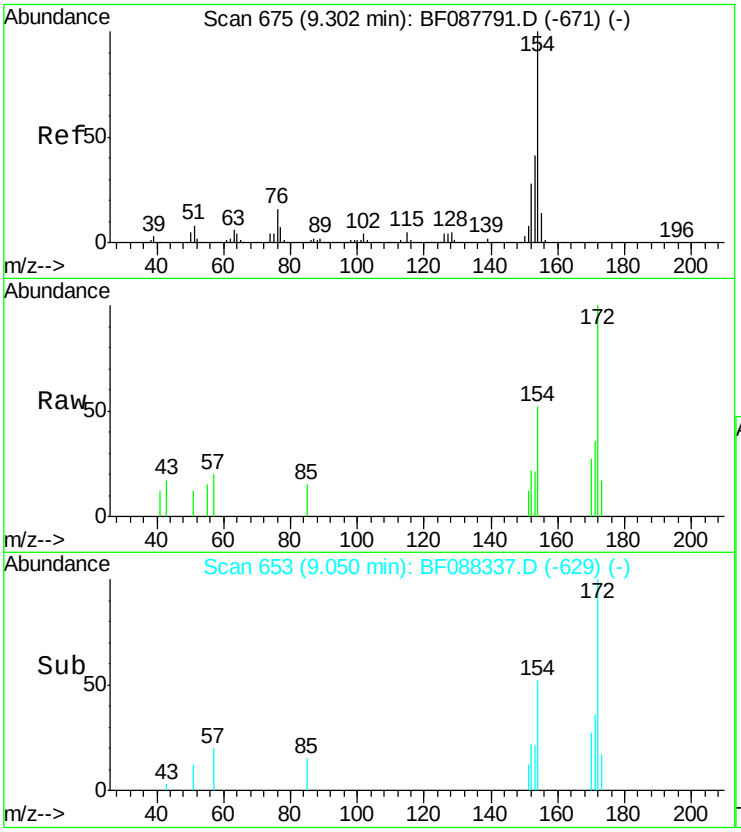


#44
2-Fluorobiphenyl
Concen: 93.01 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Tgt Ion:172 Resp: 821013

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.1	19.2	28.8



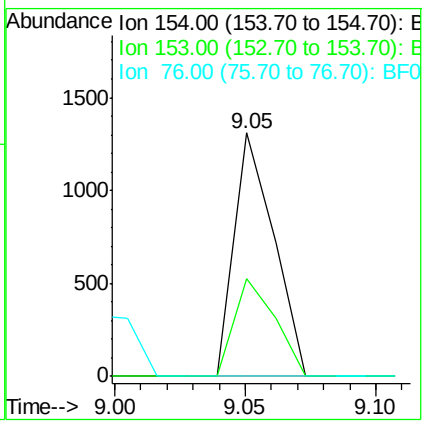


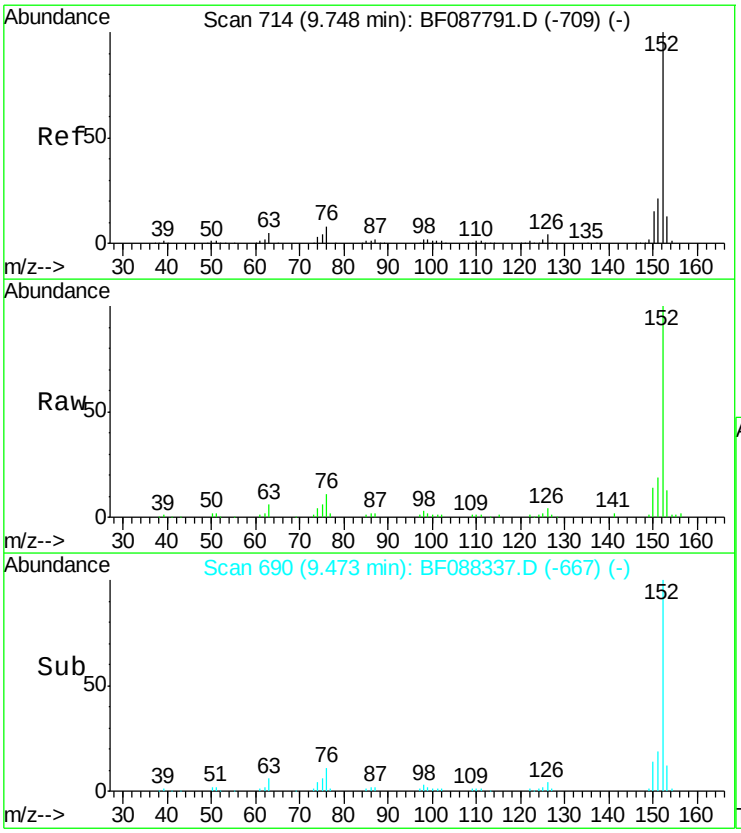
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion:154 Resp: 1390

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.6	60.6
76	0.0	0.0	35.1

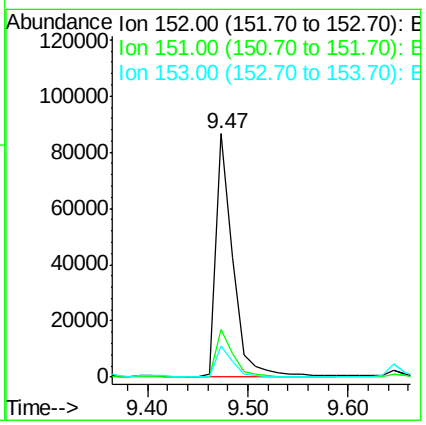


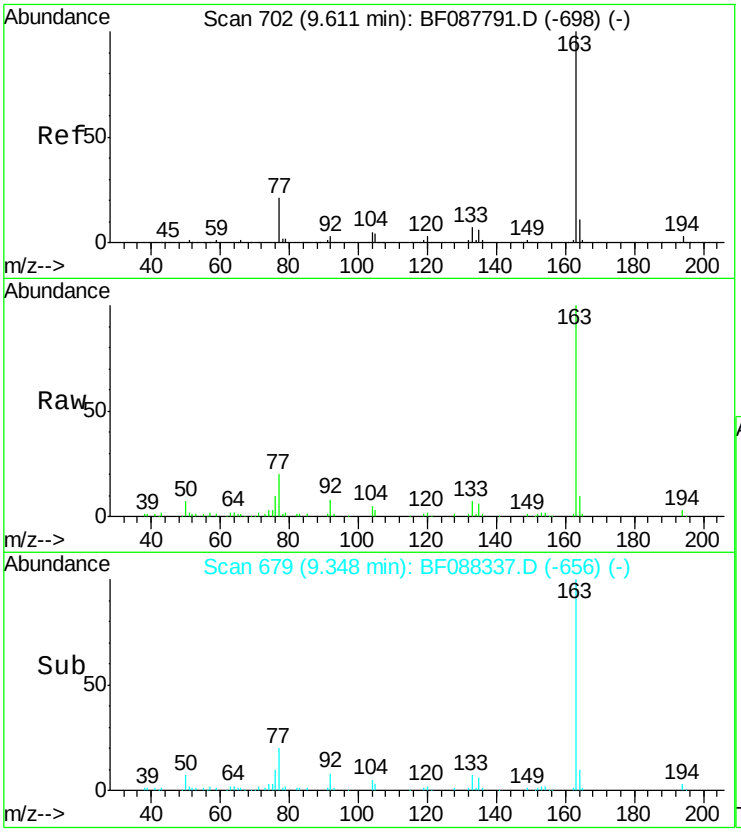


#48
Acenaphthylene
Concen: 7.15 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Tgt Ion:152 Resp: 102668

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4
153	13.0	11.0	16.6



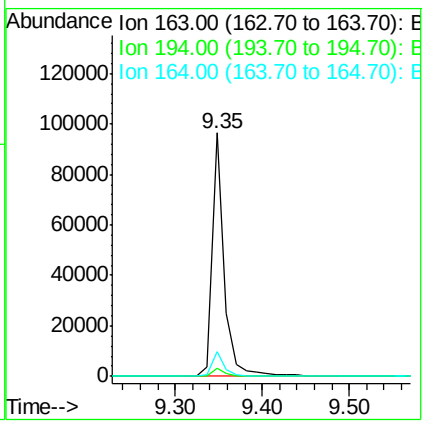


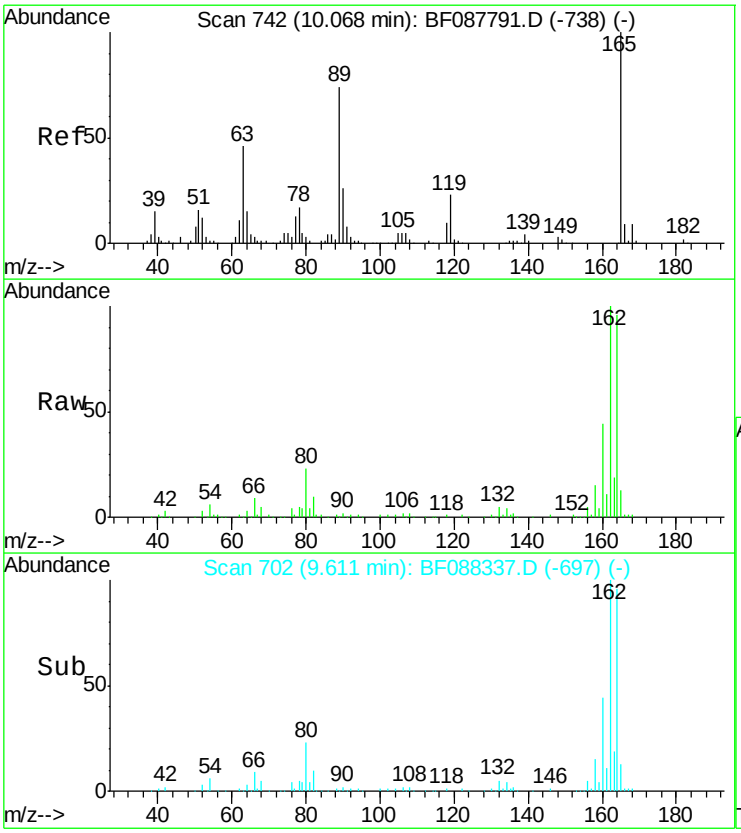
#49
Dimethylphthalate
Concen: 9.34 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion:163 Resp: 94387

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.2	8.3	12.5

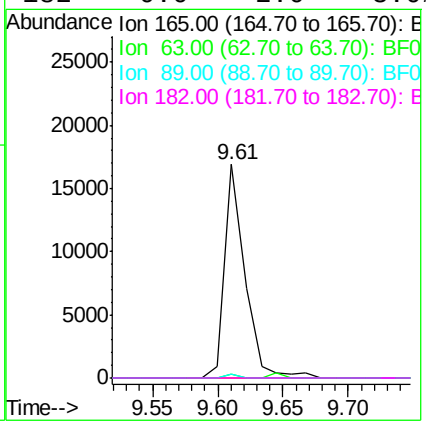


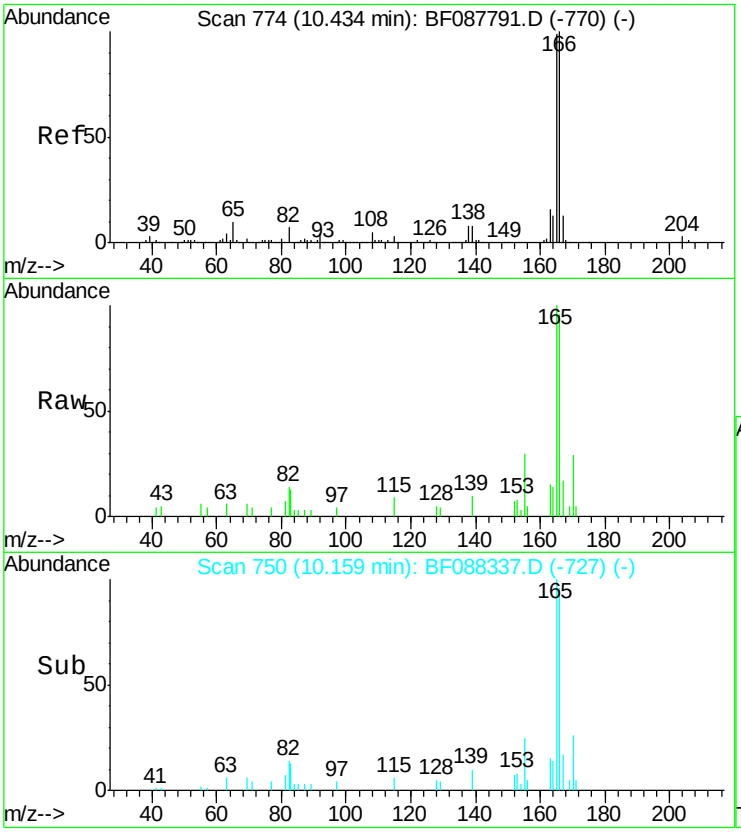


#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.24 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Tgt Ion:165 Resp: 18486

Ion	Ratio	Lower	Upper
165	100		
63	2.1	22.0	33.0#
89	2.0	41.1	61.7#
182	0.0	2.0	3.0#



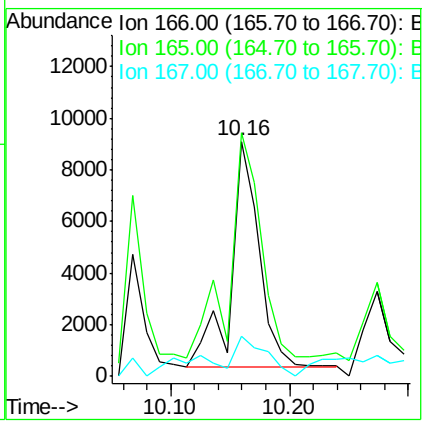


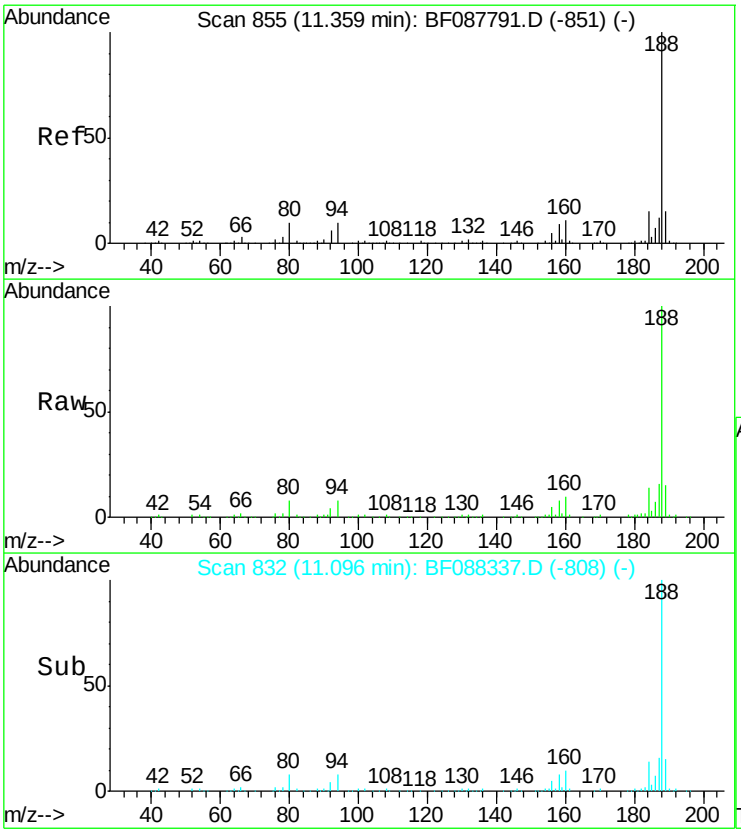
#57
Fluorene
Concen: Below Cal
RT: 10.16 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion:166 Resp: 14634

Ion	Ratio	Lower	Upper
166	100		
165	103.7	77.8	116.8
167	17.3	11.2	16.8#

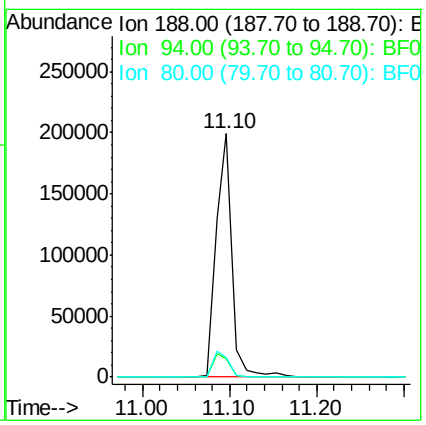


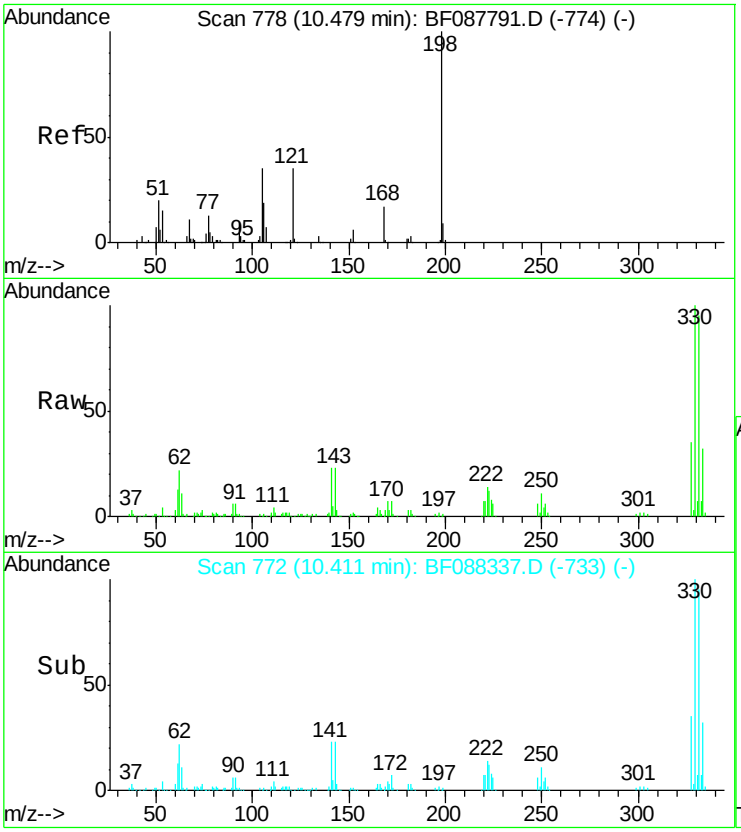


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Tgt Ion:188 Resp: 253647

Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.0	13.6#
80	7.8	10.0	15.0#



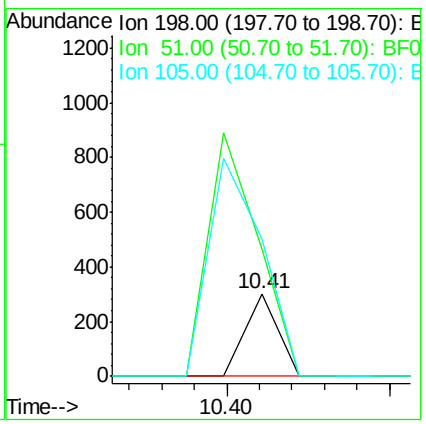


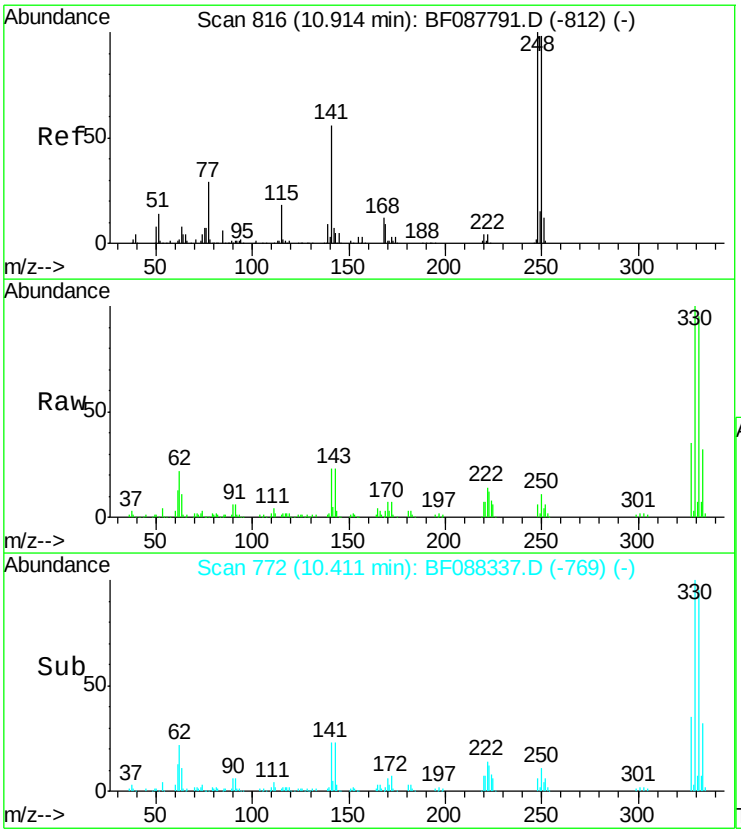
#64
4,6-Dinitro-2-methylphenol
Concen: 2.29 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.15 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion:198 Resp: 208

Ion	Ratio	Lower	Upper
198	100		
51	153.5	39.6	79.6#
105	166.3	36.6	76.6#

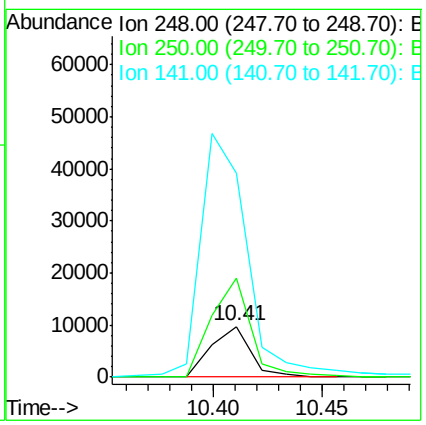


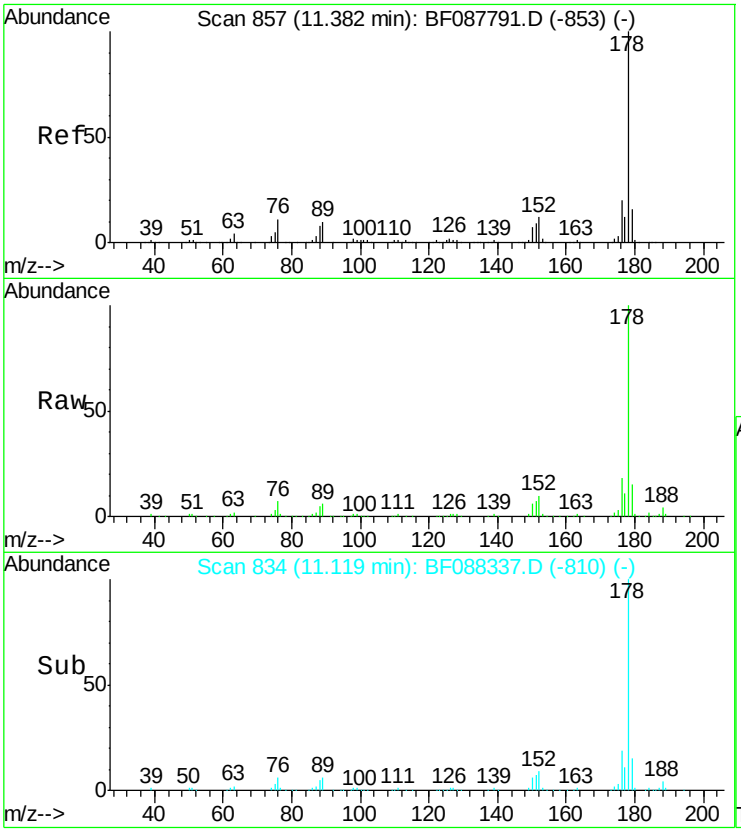


#66
4-Bromophenyl-phenylether
Concen: 4.42 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.26 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Tgt Ion:248 Resp: 12030

Ion	Ratio	Lower	Upper
248	100		
250	197.2	77.1	115.7#
141	403.8	50.6	76.0#



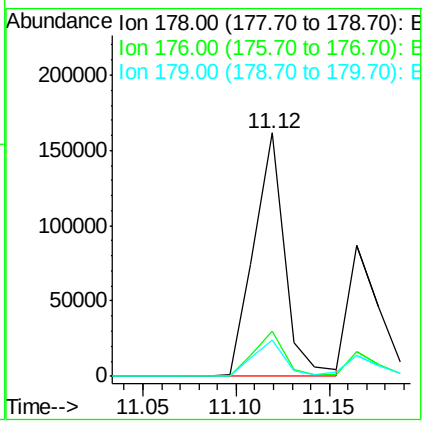


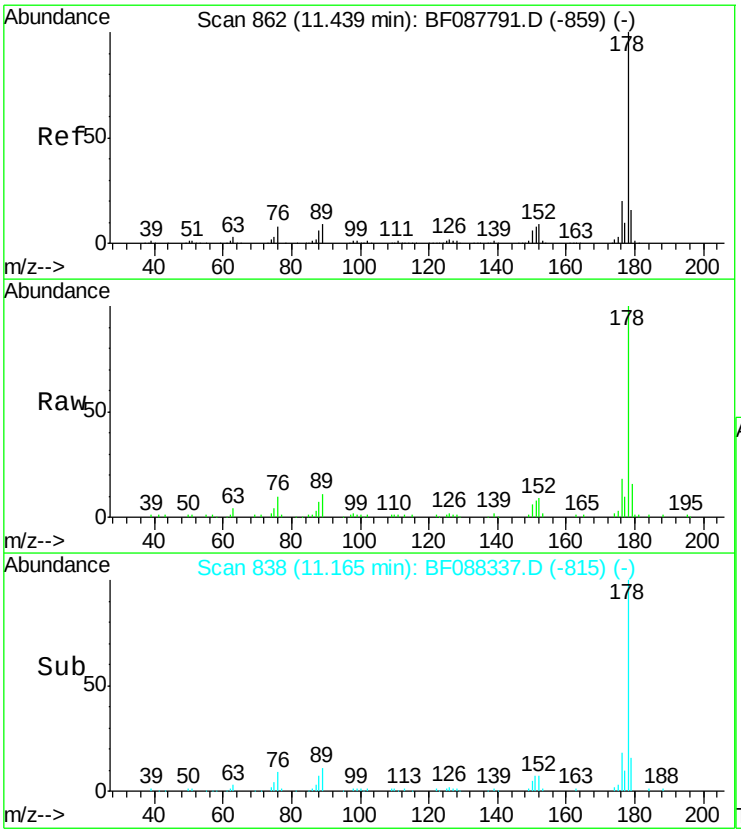
#70
Phenanthrene
Concen: 13.92 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion:178 Resp: 185319

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.6
179	14.8	13.0	19.4

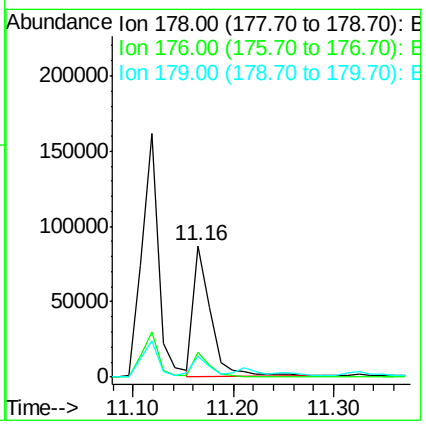


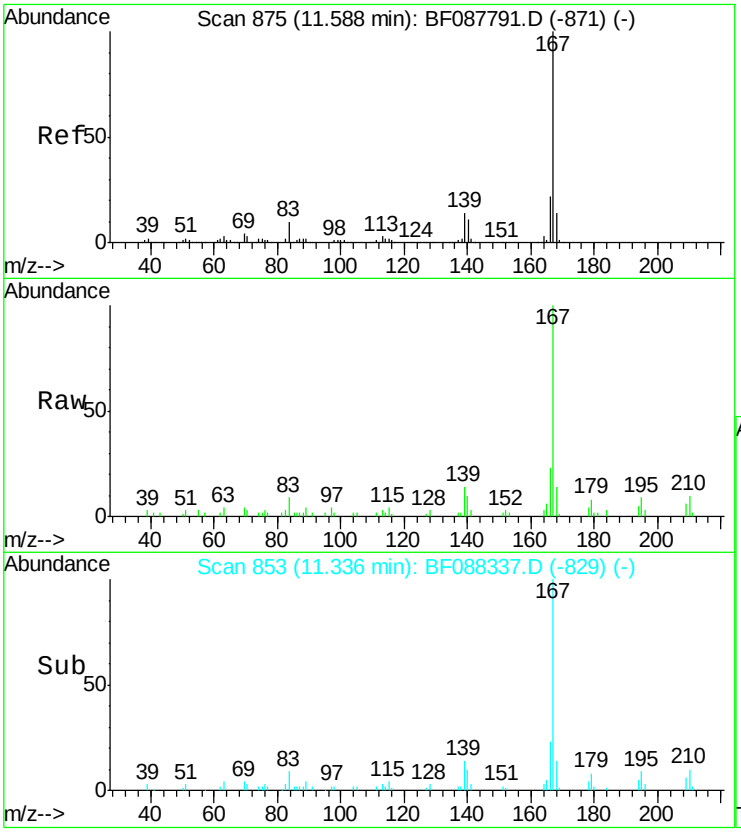


#71
Anthracene
Concen: 8.01 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.03 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Tgt Ion:178 Resp: 107505

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	16.2	12.8	19.2



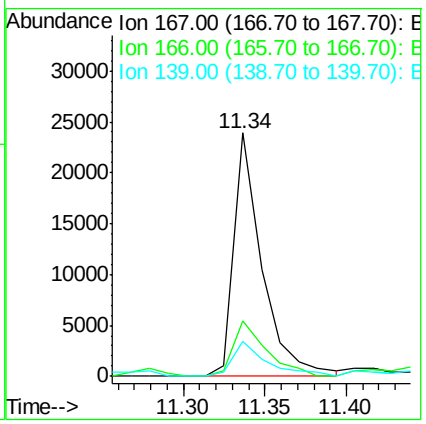


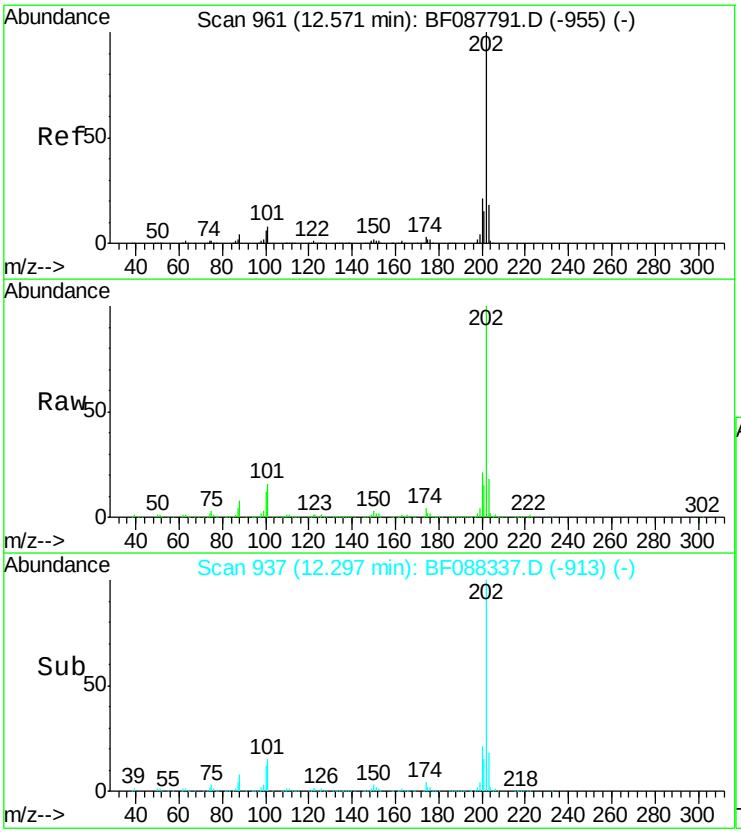
#72
Carbazole
Concen: 2.27 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion:167 Resp: 28511

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.8	26.6
139	14.2	11.2	16.8

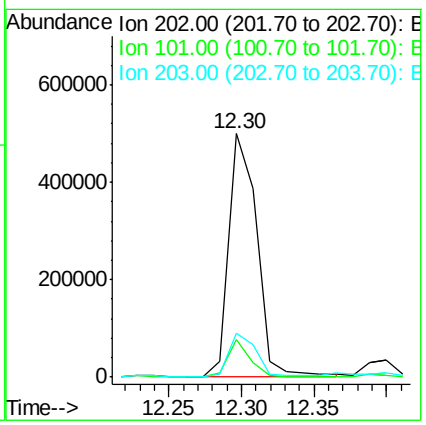


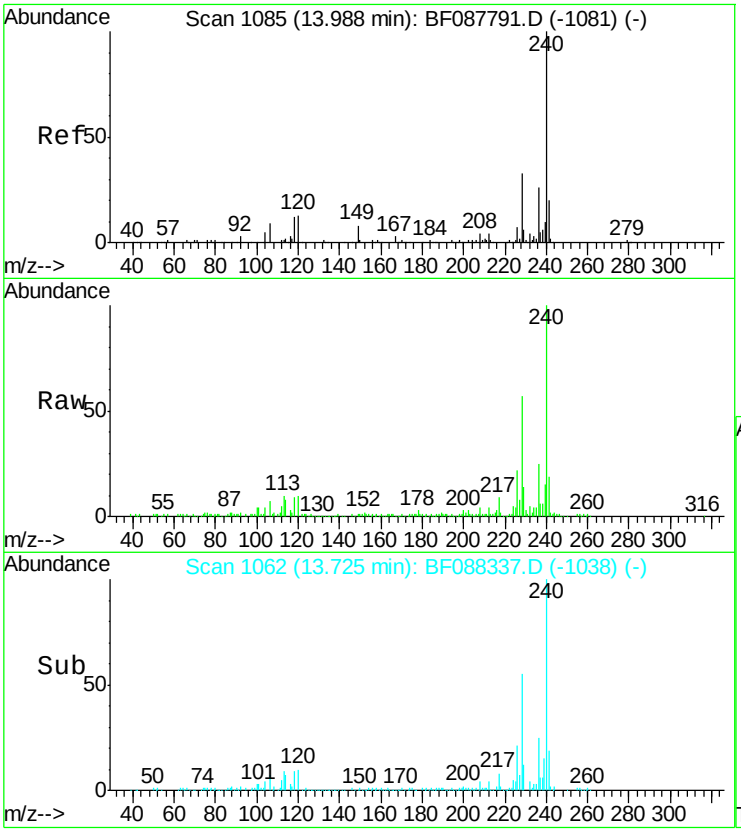


#74
Fluoranthene
Concen: 47.59 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Tgt Ion:202 Resp: 668512

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	33.1
203	18.1	0.0	38.1



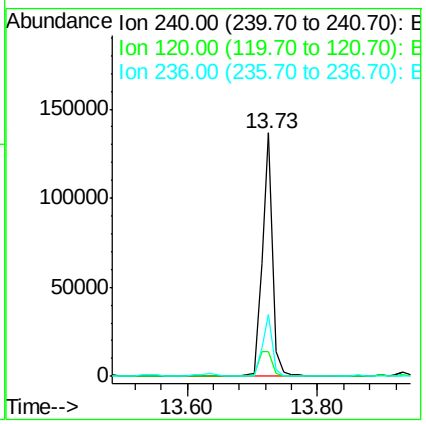


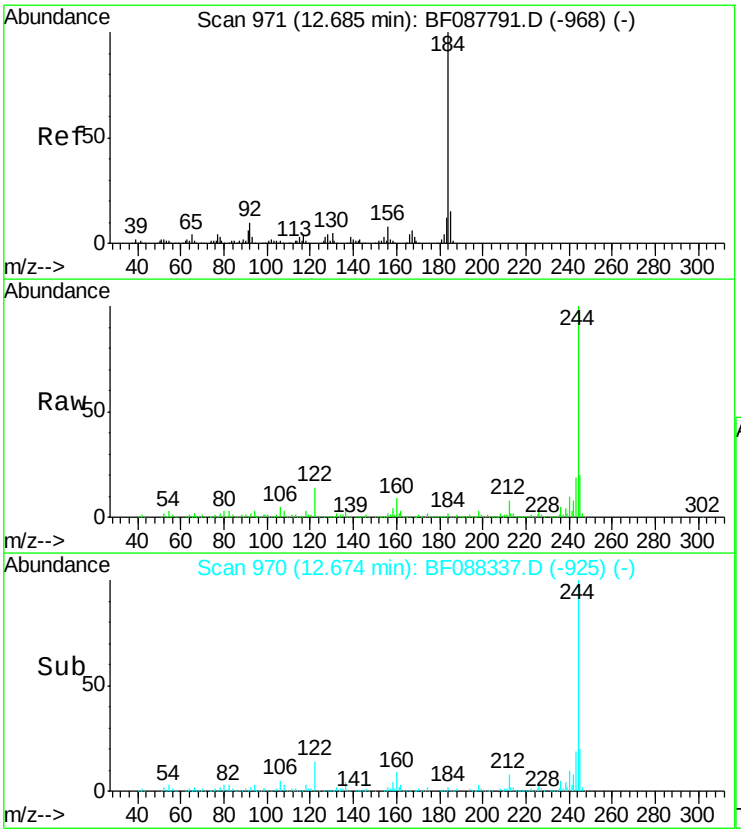
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion:240 Resp: 153485

Ion	Ratio	Lower	Upper
240	100		
120	10.1	6.8	10.2
236	25.3	20.2	30.2

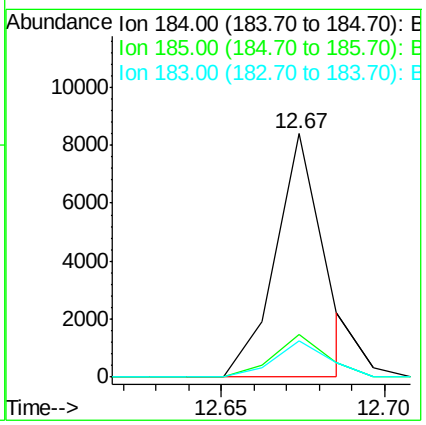


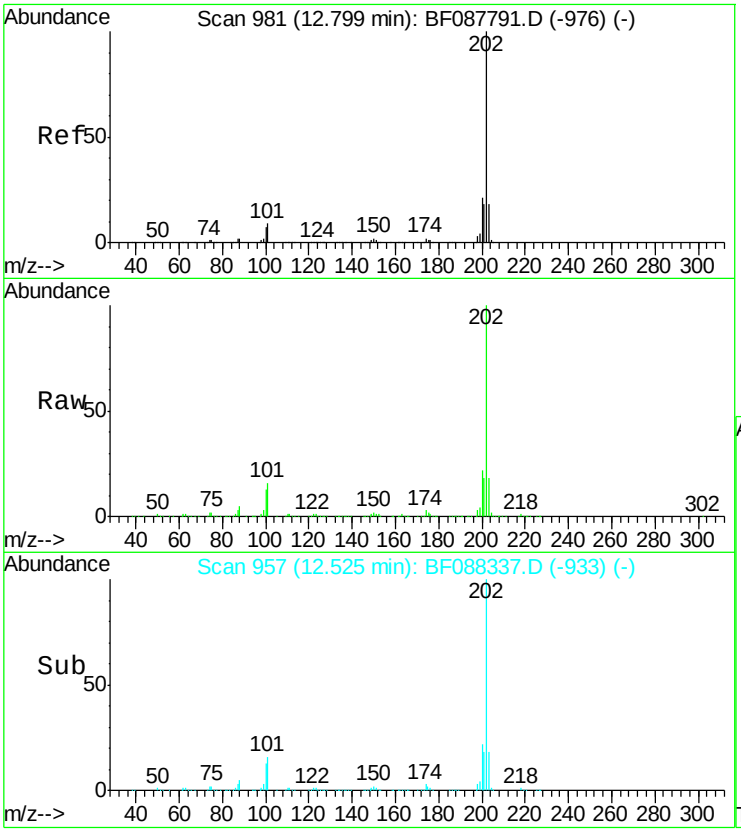


#76
Benzidine
Concen: 2.03 ng
RT: 12.67 min Scan# 970
Delta R.T. 0.22 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Tgt Ion:184 Resp: 8611

Ion	Ratio	Lower	Upper
184	100		
185	17.7	12.5	18.7
183	15.0	9.3	13.9#



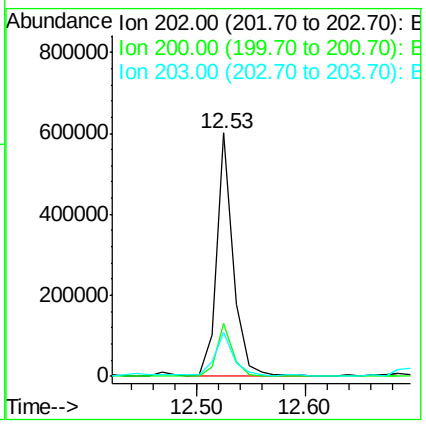


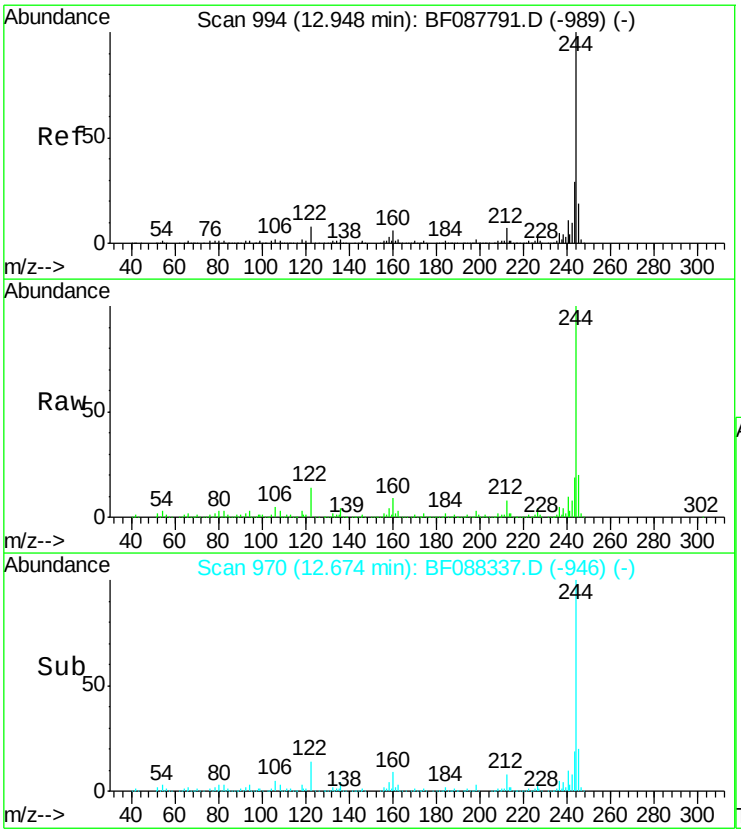
#77
Pyrene
Concen: 55.49 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.02 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion:202 Resp: 632023

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.3	14.5	21.7

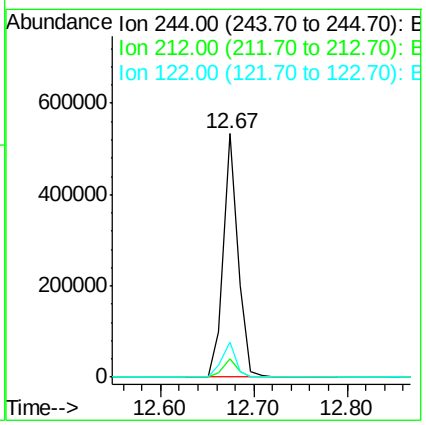


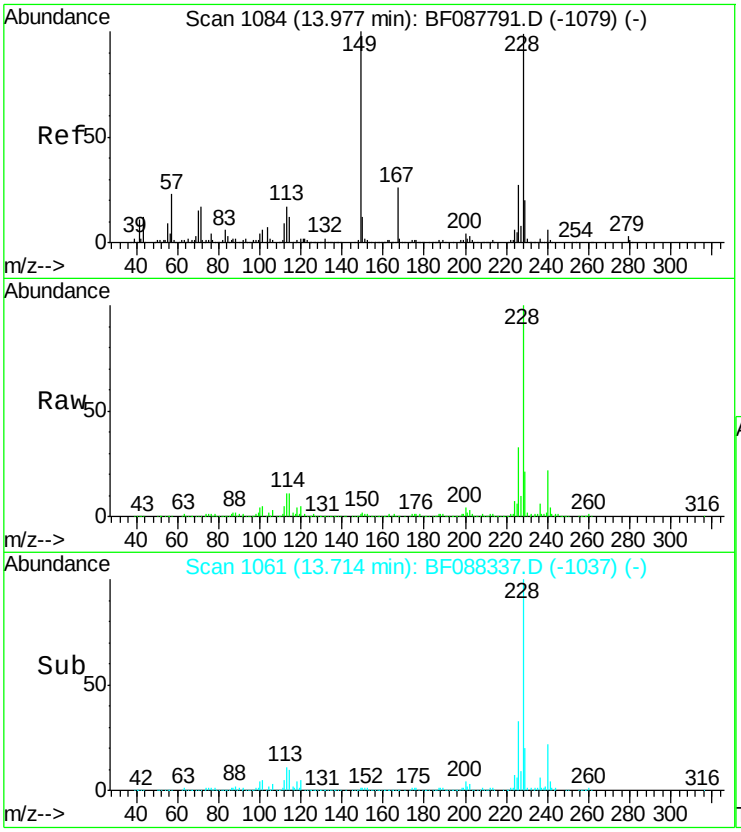


#78
Terphenyl-d14
Concen: 86.90 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Tgt Ion:244 Resp: 586146

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	14.2	11.2	16.8



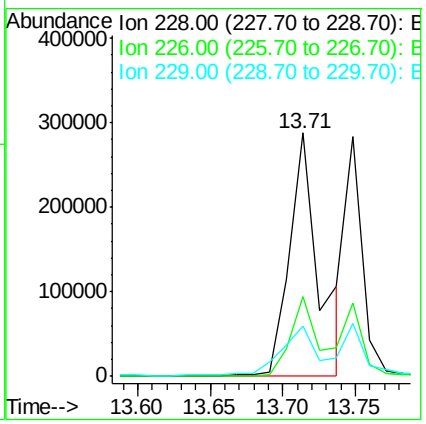


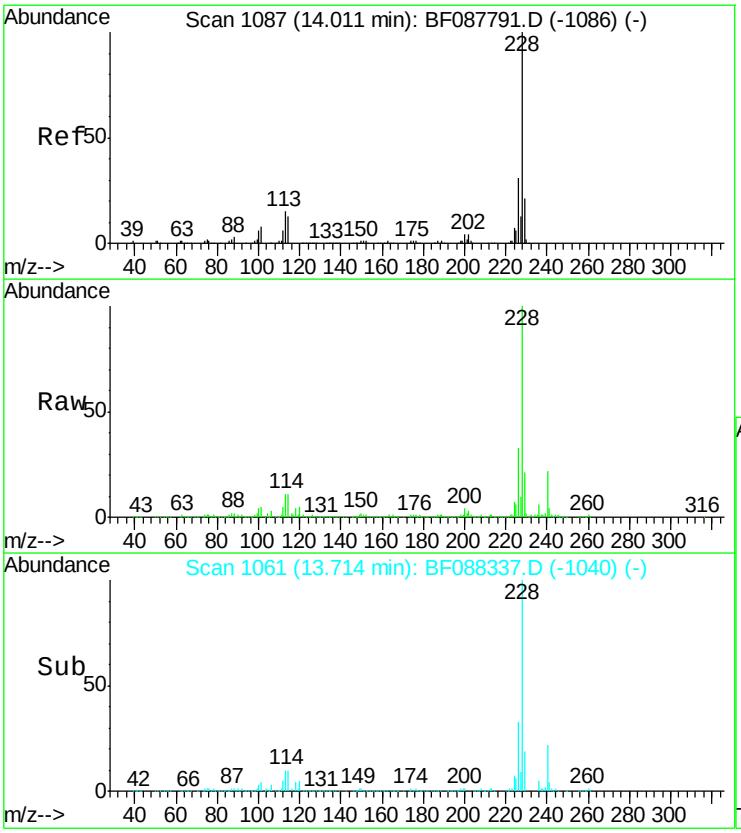
#80
Benzo(a)anthracene
Concen: 46.37 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion:228 Resp: 405577

Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.3	33.5
229	20.7	16.0	24.0

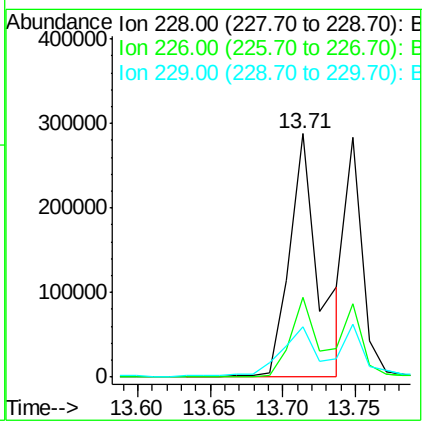


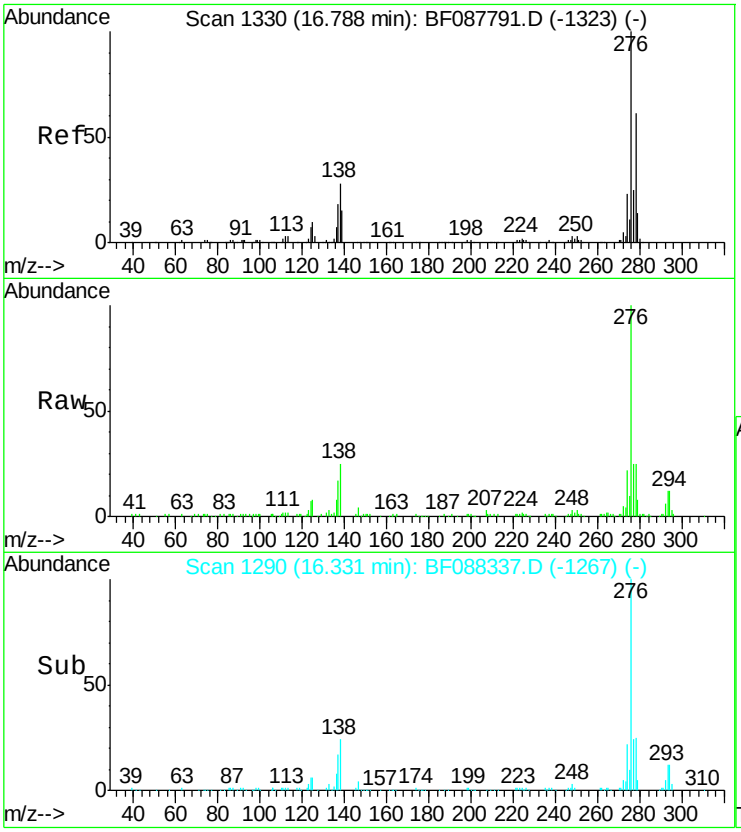


#82
Chrysene
Concen: 49.29 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.06 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Tgt Ion:228 Resp: 405577

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.4	38.2
229	20.7	16.3	24.5



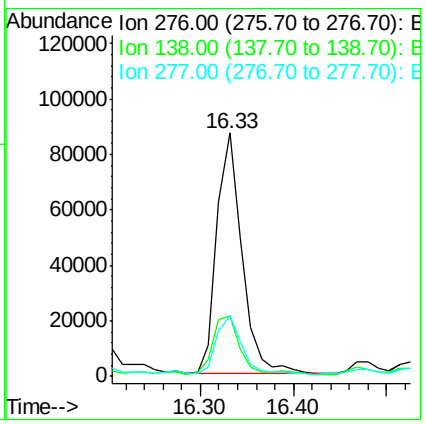


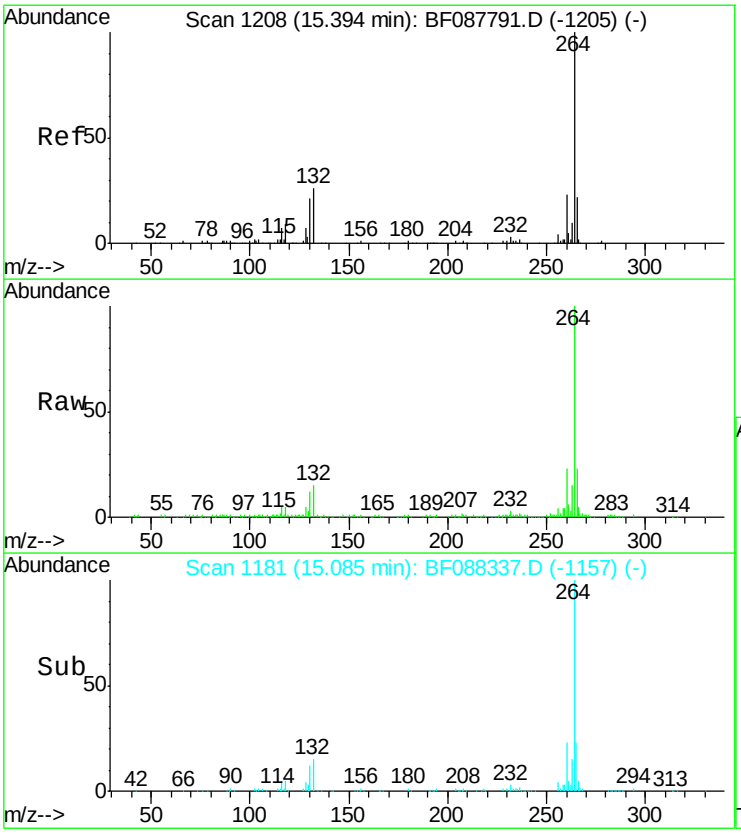
#85
Indeno(1,2,3-cd)pyrene
Concen: 21.38 ng
RT: 16.33 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion:276 Resp: 163445

Ion	Ratio	Lower	Upper
276	100		
138	27.3	0.0	0.0#
277	24.2	0.0	0.0#

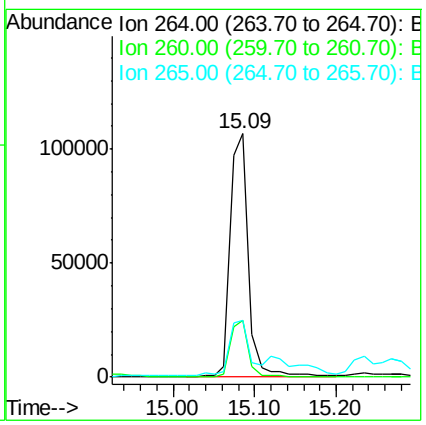


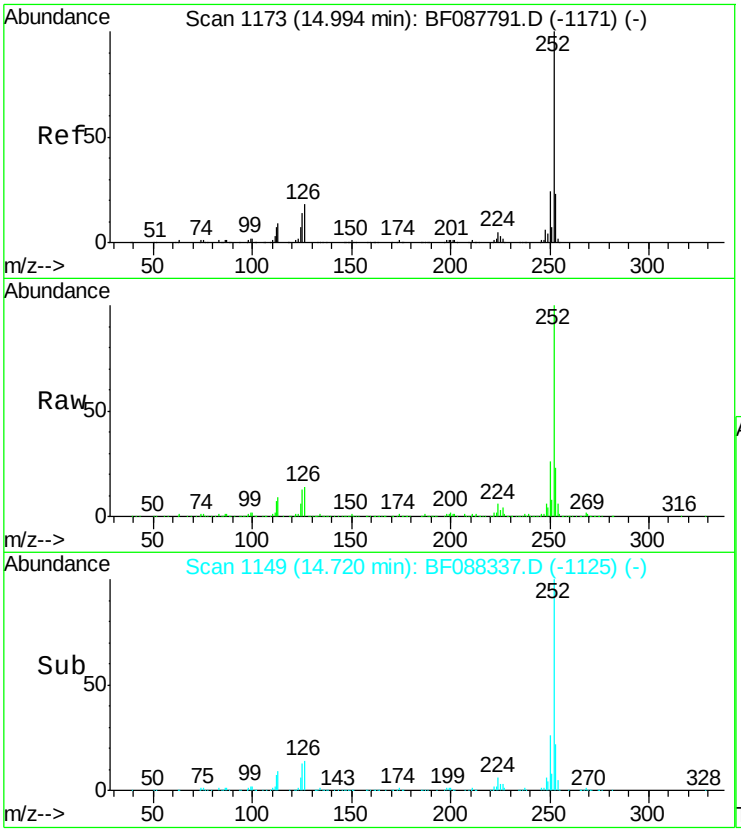


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Tgt Ion:264 Resp: 167416

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	23.1	16.9	25.3



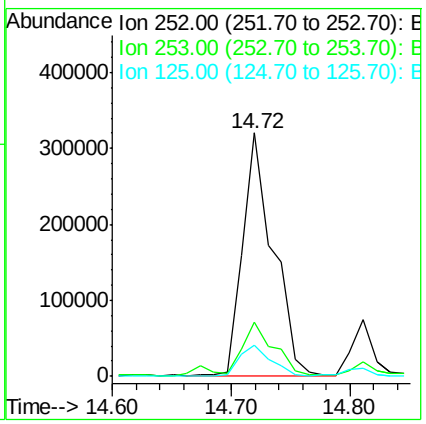


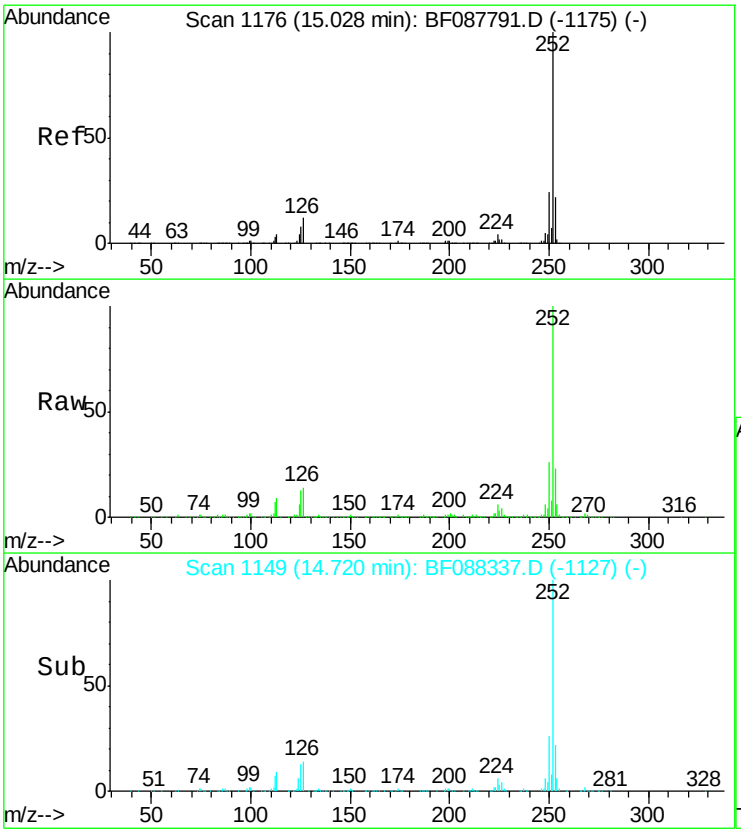
#87
Benzo(b)fluoranthene
Concen: 48.90 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion:252 Resp: 570608

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	12.9	7.1	10.7#

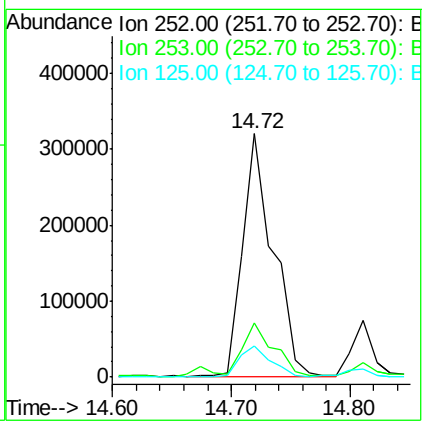


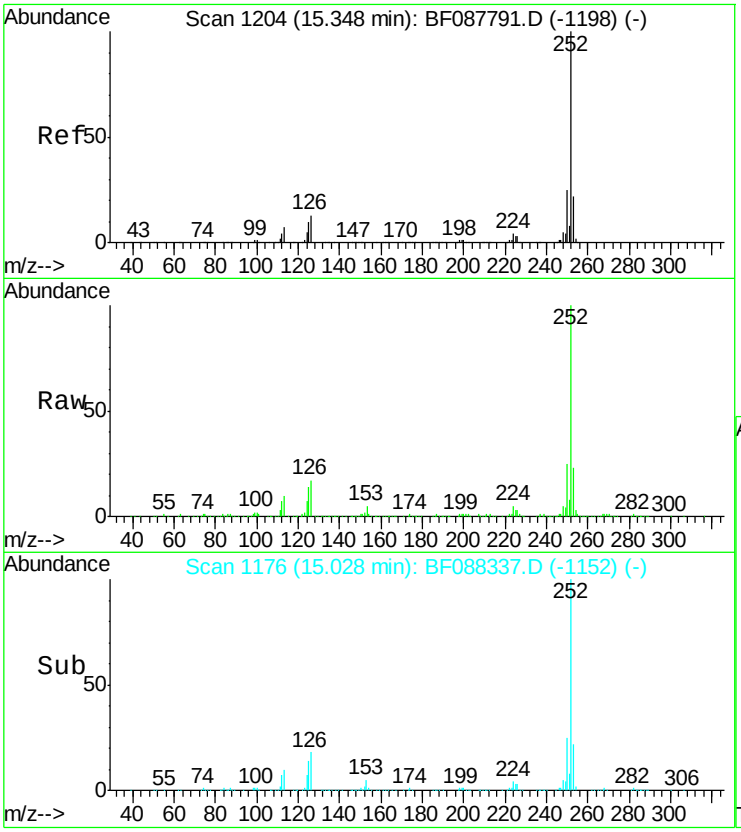


#88
Benzo(k)fluoranthene
Concen: 64.83 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Tgt Ion:252 Resp: 570608

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	12.9	11.2	16.8



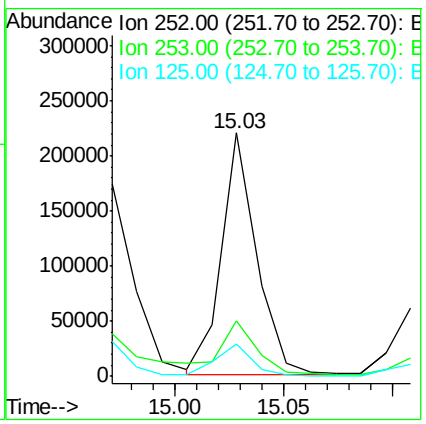


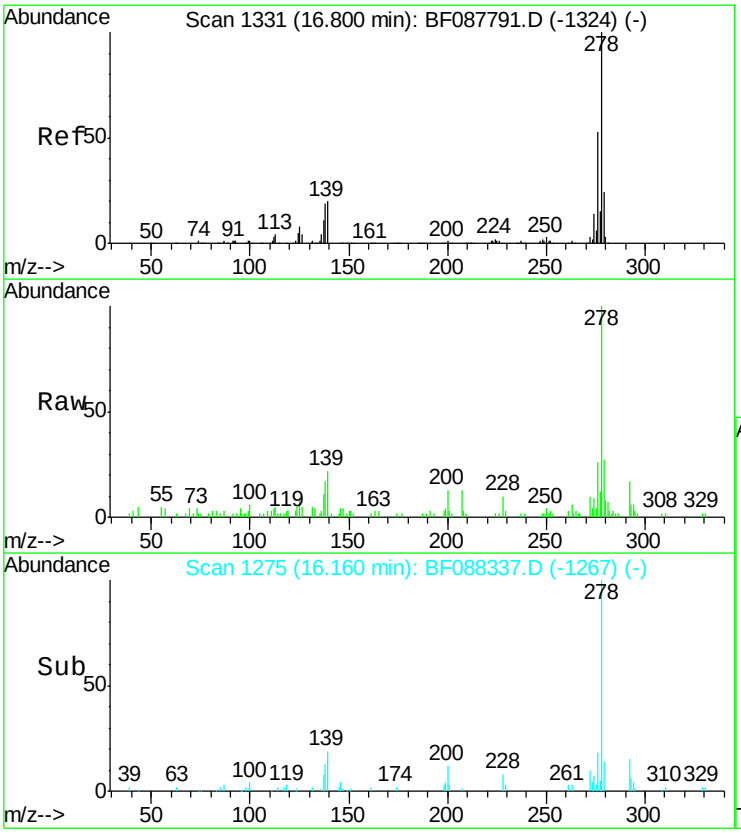
#89
Benzo(a)pyrene
Concen: 26.11 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion:252 Resp: 246497

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	13.5	12.5	18.7

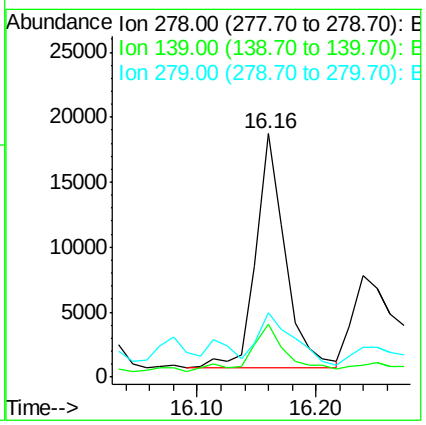


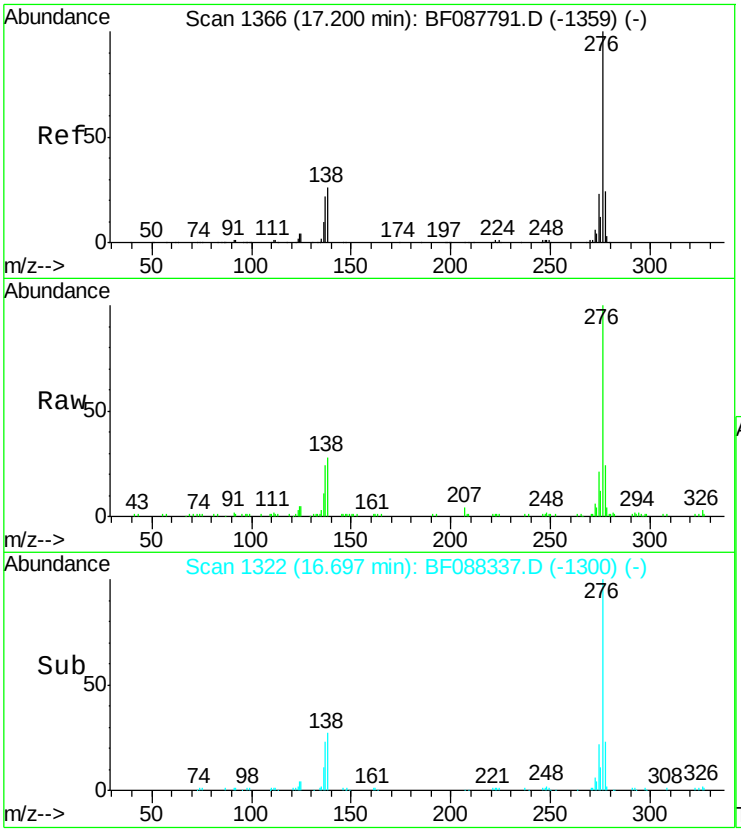


#90
Dibenzo(a,h)anthracene
Concen: 3.52 ng
RT: 16.16 min Scan# 1275
Delta R.T. -0.21 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Tgt Ion:278 Resp: 30874

Ion	Ratio	Lower	Upper
278	100		
139	21.9	15.7	23.5
279	26.6	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 14.87 ng
RT: 16.70 min Scan# 1322
Delta R.T. -0.05 min
Lab File: BF088337.D
Acq: 24 Jun 2016 17:55

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion:276 Resp: 134104

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	27.9	21.4	32.2