Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
Data File : BF087738.D
Acq On : 6 Jun 2016 6:20
Operator : UM/SJ
Sample : H3290-01RE
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GM-SP-(0-4)RE

Quant Time: Jun 06 06:47:59 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	151665	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	647927	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	254362	20.00	ng		-0.01
63) Phenanthrene-d10	11.38	188	414040	20.00	ng		0.00
75) Chrysene-d12	14.02	240	295639	20.00	ng		0.00
86) Perylene-d12	15.46	264	258524	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	993341	105.86	ng		0.02
7) Phenol-d6	6.50	99	1270233	107.94	ng		0.01
23) Nitrobenzene-d5	7.43	82	739714	66.05	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	233888	91.60	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1203687	68.28	ng		-0.01
78) Terphenyl-d14	12.97	244	698531	57.65	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	102616	13.96	ng	#	74
31) Naphthalene	8.17	128	134118	4.26	ng		98
37) 2-Methylnaphthalene	8.86	142	101279	4.87	ng		97
48) Acenaphthylene	9.76	152	265919	10.38	ng		99
49) Dimethylphthalate	9.62	163	200337	10.83	ng		98
53) 2,4-Dinitrophenol	10.18	184	728	4.24	ng		96
54) Dibenzofuran	10.10	168	64543	2.88	ng	#	91
60) 4-Chlorophenyl-phenylether	10.26	204	457	Below Cal		#	1
64) 4,6-Dinitro-2-methylphenol	10.72	198	1854	2.79	ng	#	17
66) 4-Bromophenyl-phenylether	10.68	248	13328	3.25	ng	#	1
70) Phenanthrene	11.40	178	397378	17.70	ng		99
71) Anthracene	11.45	178	243440	10.82	ng		98
72) Carbazole	11.61	167	74804	3.51	ng		99
74) Fluoranthene	12.59	202	969918	43.91	ng		97
77) Pyrene	12.82	202	872521	41.45	ng		99
79) Butylbenzylphthalate	13.45	149	48959	5.46	ng		97
80) Benzo(a)anthracene	14.01	228	614062	35.99	ng	#	87
82) Chrysene	14.01	228	614062	36.16	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.87	276	279904	19.94	ng	#	100
87) Benzo(b)fluoranthene	15.05	252	939190	55.85	ng	#	93
88) Benzo(k)fluoranthene	15.05	252	939190	67.12	ng		98
89) Benzo(a)pyrene	15.41	252	380518	26.92	ng		97
90) Dibenzo(a,h)anthracene	16.88	278	64569	5.37	ng	#	92
91) Benzo(g,h,i)perylene	17.29	276	251618	20.73	ng		99

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

Quantitation Report (Not Reviewed)

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Data File : BF087738.D
Acq On : 6 Jun 2016 6:20
Operator : UM/SJ
Sample : H3290-01RE
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_F
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GM-SP-(0-4)RE

Quant Time: Jun 06 06:47:59 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
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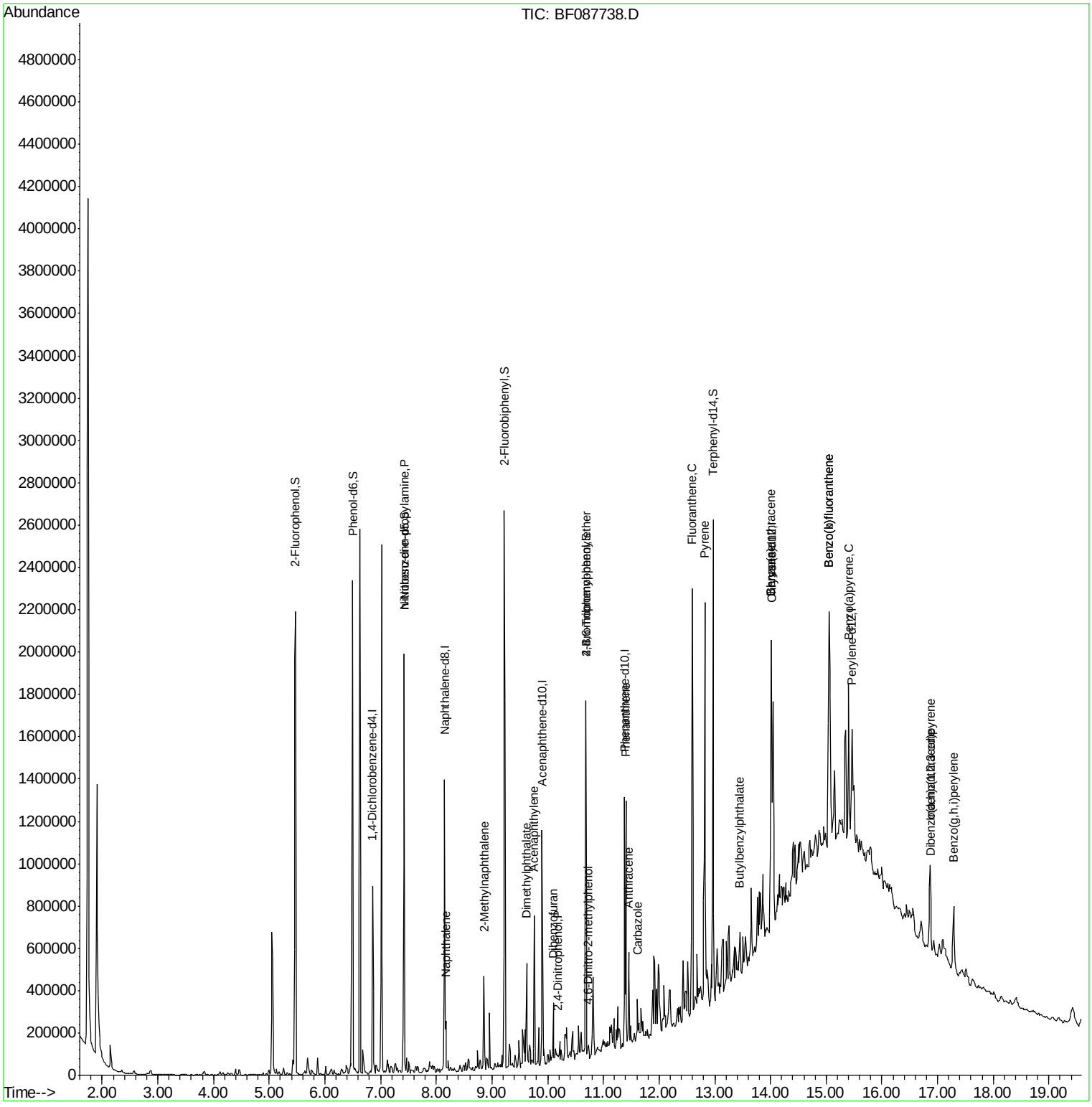
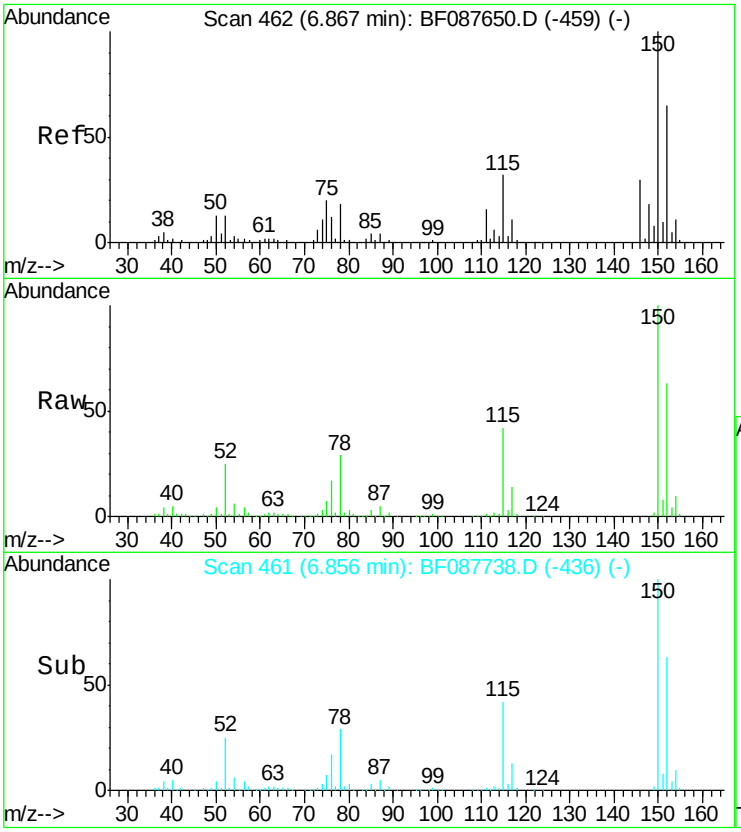


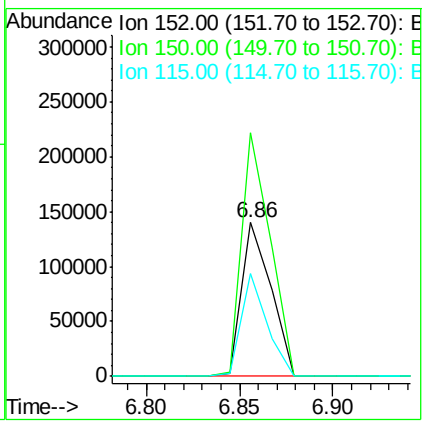


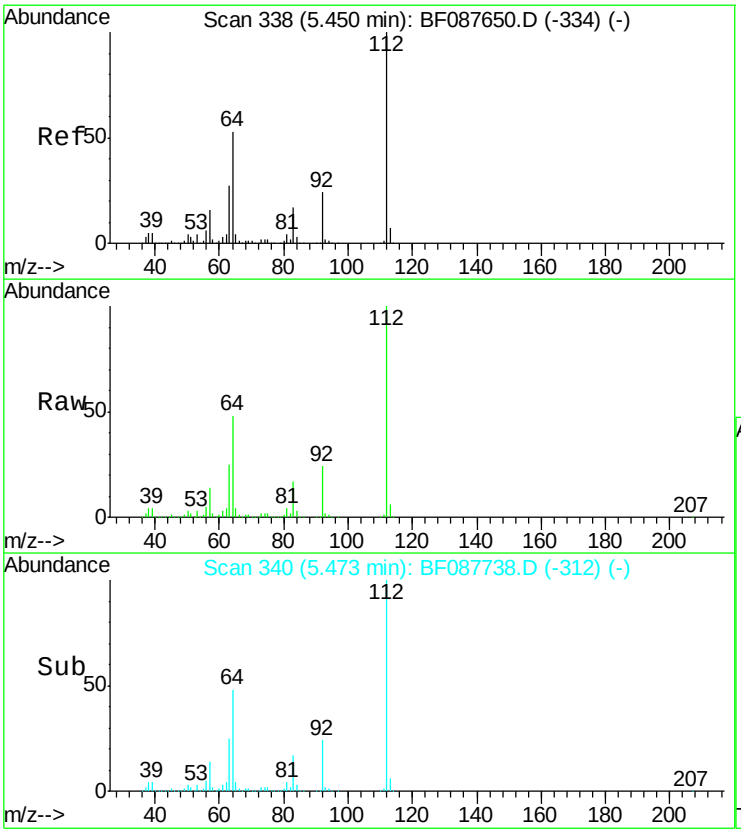
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:152 Resp: 151665

Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.8	185.6
115	66.6	39.6	59.4#

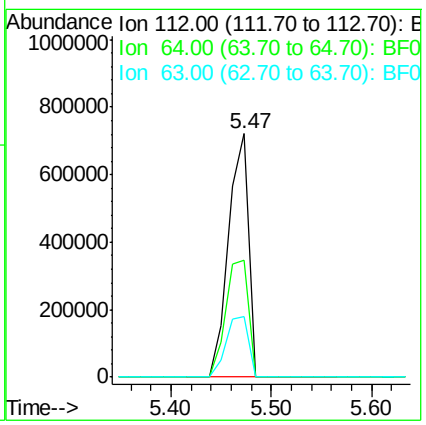


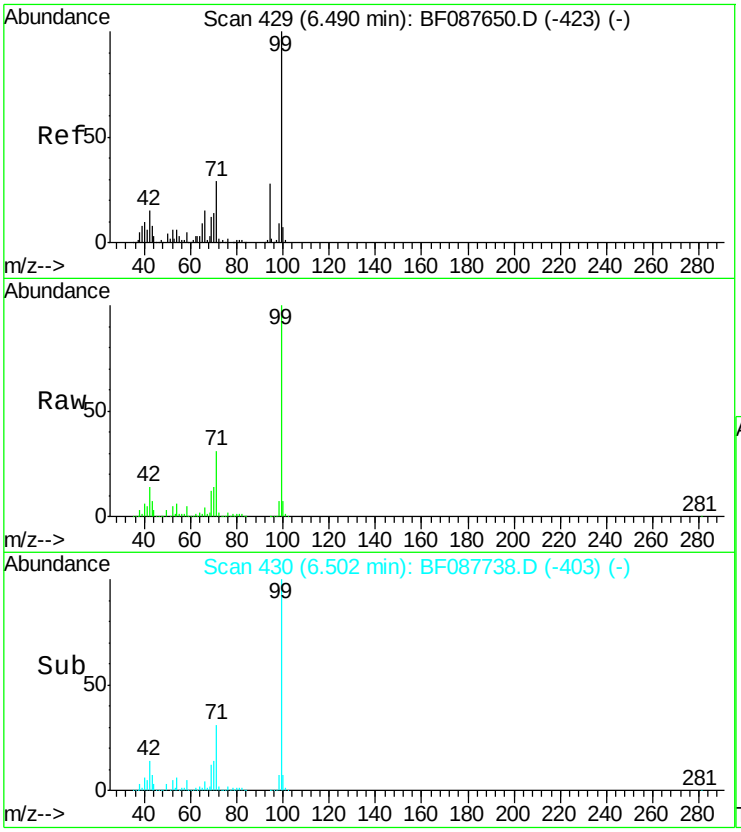


#5
2-Fluorophenol
Concen: 105.86 ng
RT: 5.47 min Scan# 340
Delta R.T. 0.02 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Tgt Ion:112 Resp: 993341

Ion	Ratio	Lower	Upper
112	100		
64	47.9	42.2	63.2
63	24.9	21.8	32.8



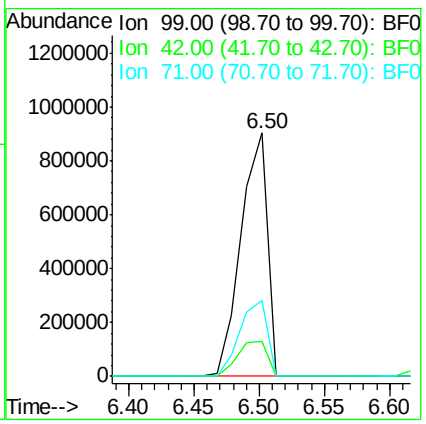


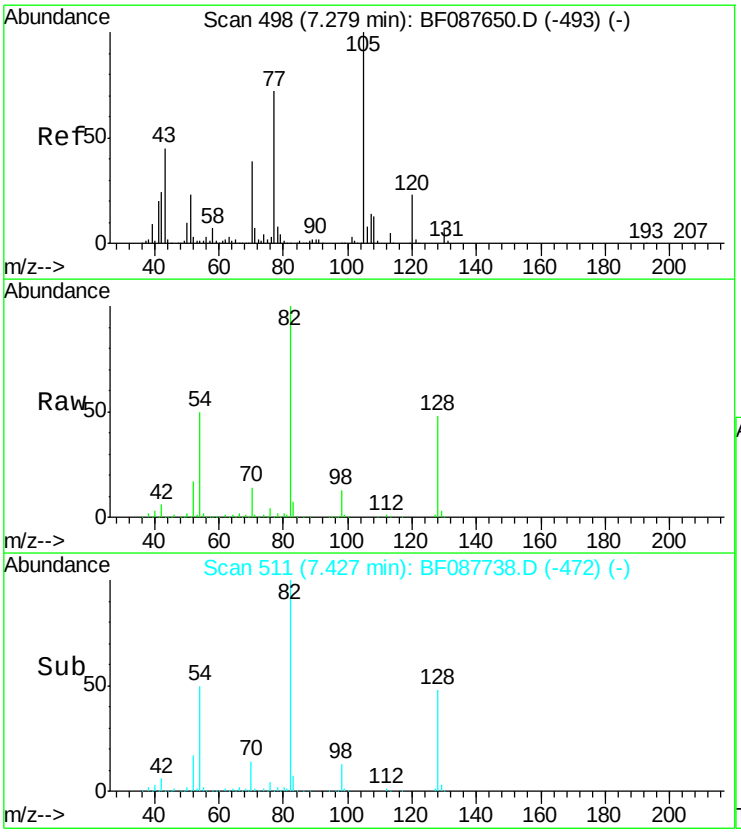
#7
Phenol-d6
Concen: 107.94 ng
RT: 6.50 min Scan# 430
Delta R.T. 0.01 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion: 99 Resp: 1270233

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.2	18.2
71	31.4	23.4	35.0

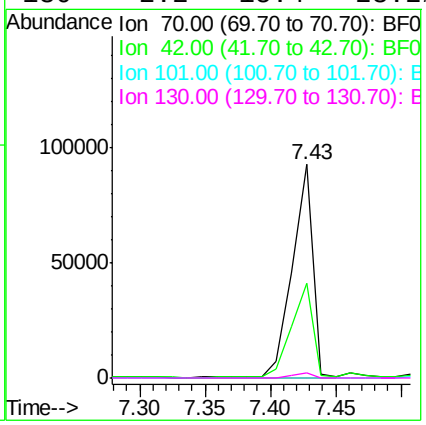


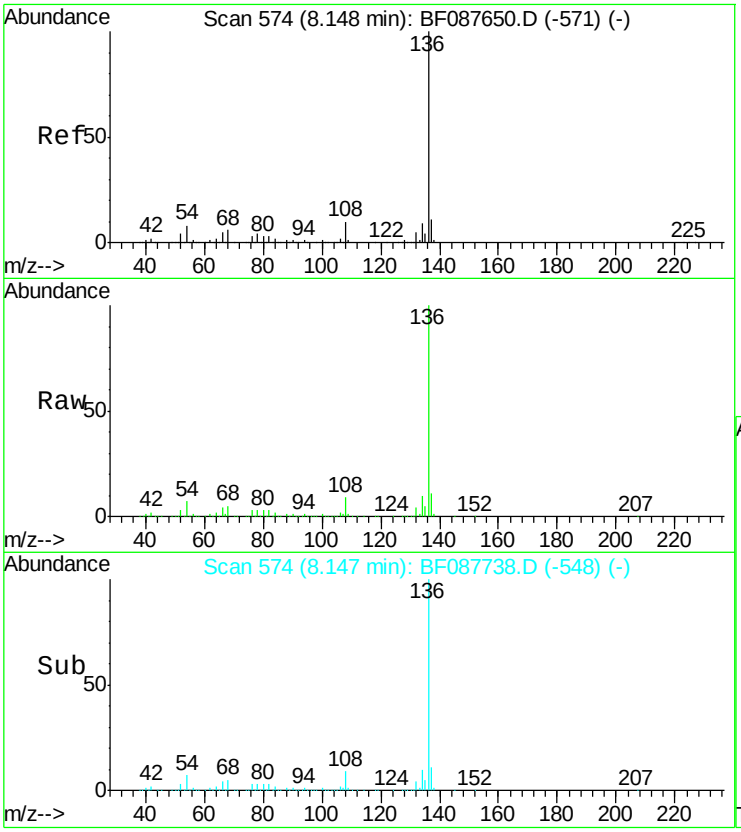


#19
n-Nitroso-di-n-propylamine
Concen: 13.96 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.15 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Tgt Ion: 70 Resp: 102616

Ion	Ratio	Lower	Upper
70	100		
42	44.5	49.6	74.4#
101	0.0	7.1	10.7#
130	2.2	15.4	23.2#



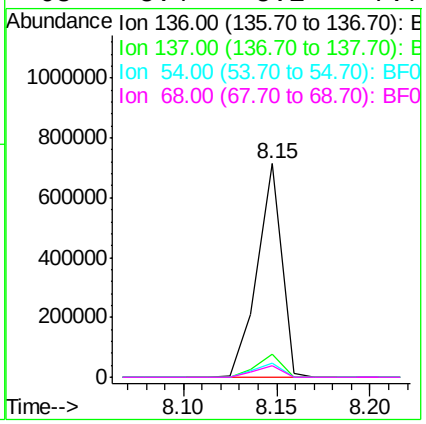


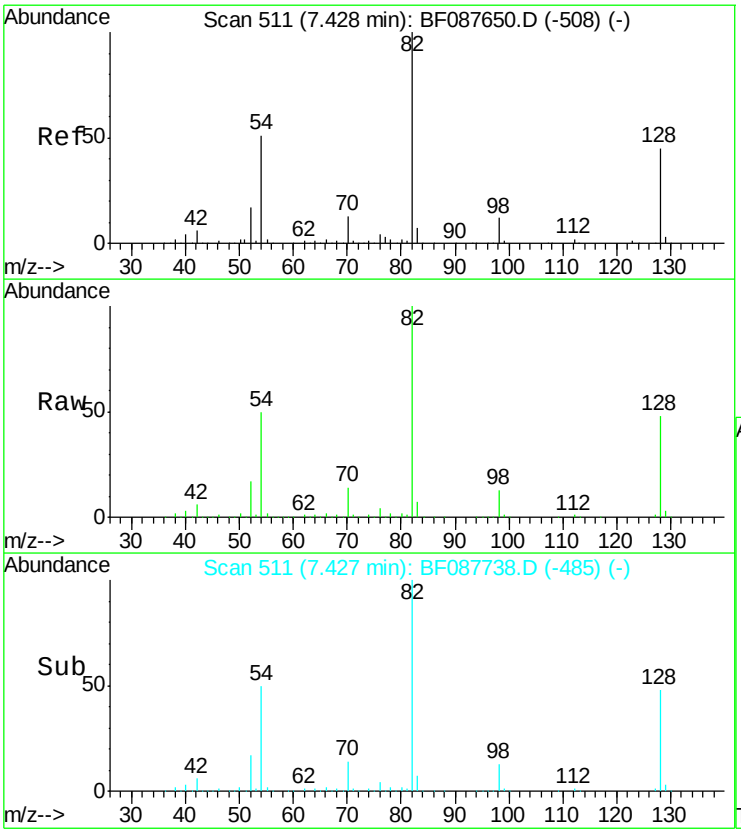
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:136 Resp: 647927

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.6	6.6	10.0#
68	5.4	5.1	7.7

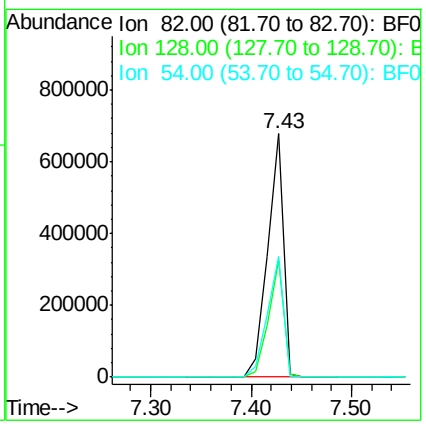


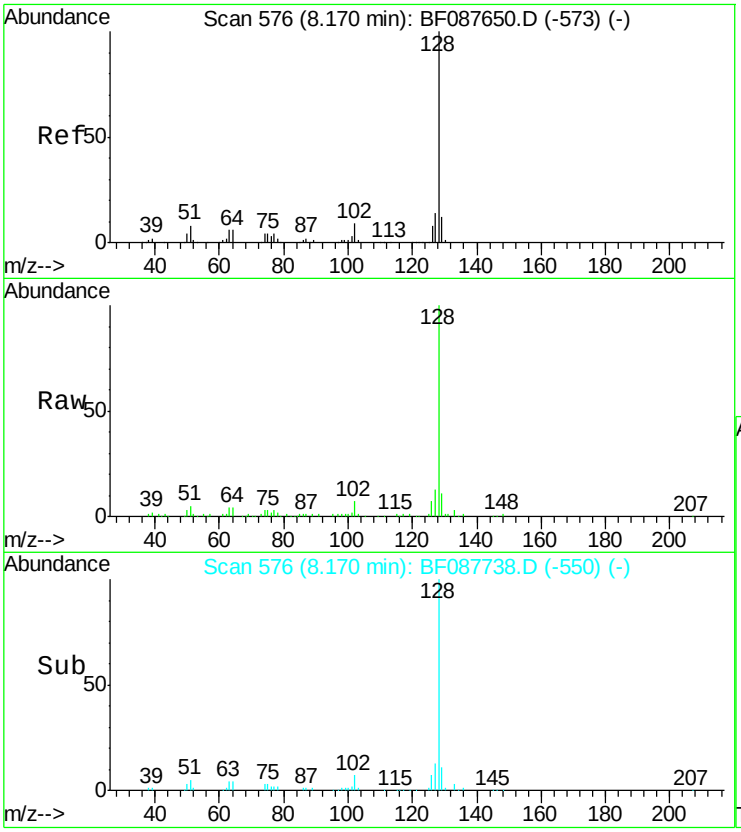


#23
Nitrobenzene-d5
Concen: 66.05 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Tgt Ion: 82 Resp: 739714

Ion	Ratio	Lower	Upper
82	100		
128	47.9	35.9	53.9
54	49.7	40.9	61.3



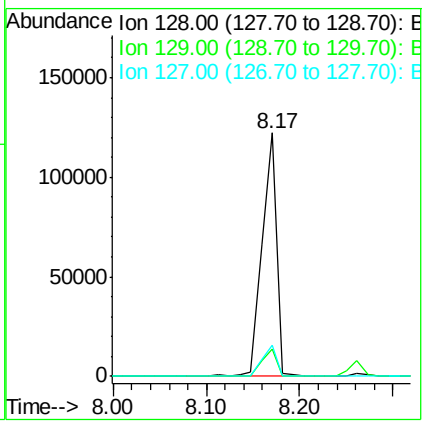


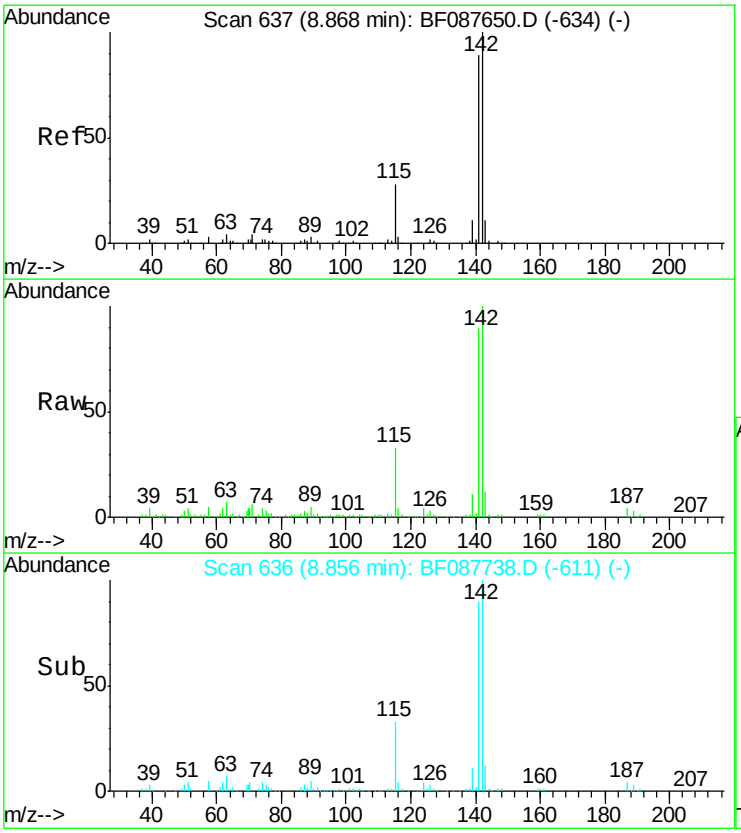
#31
Naphthalene
Concen: 4.26 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:128 Resp: 134118

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	12.7	10.9	16.3

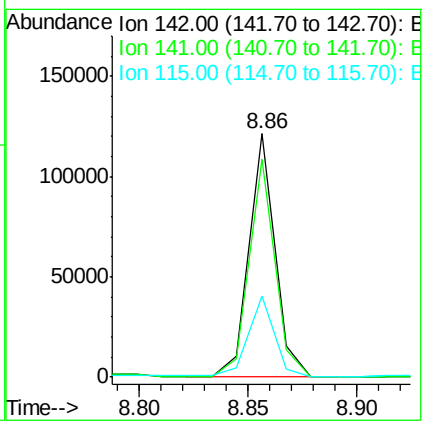


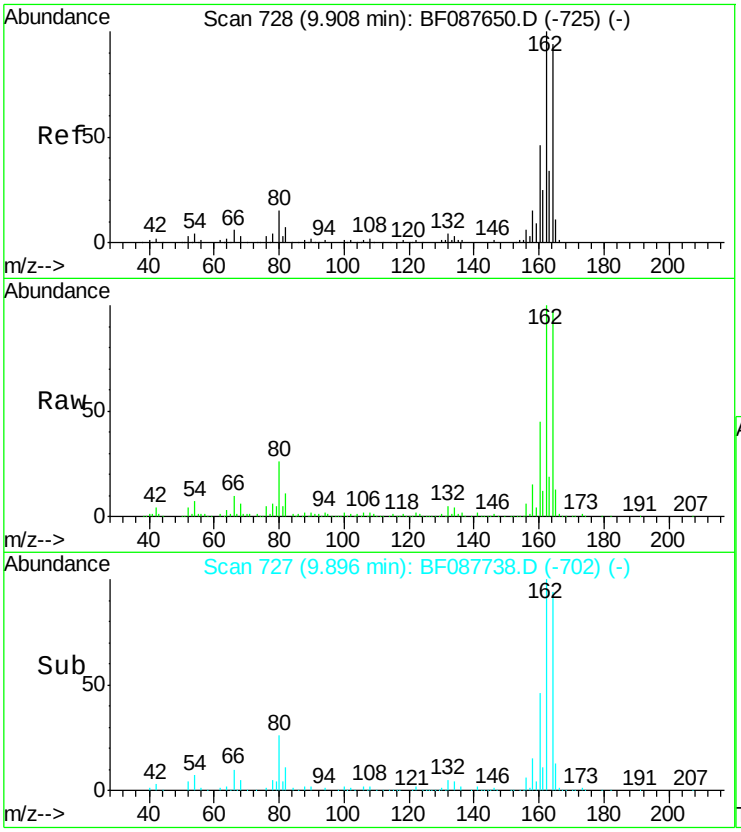


#37
2-Methylnaphthalene
Concen: 4.87 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Tgt Ion:142 Resp: 101279

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.6
115	33.3	22.6	33.8



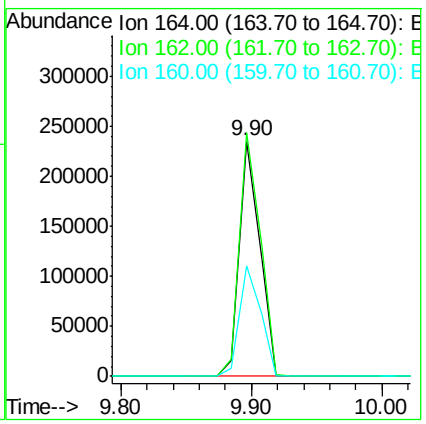


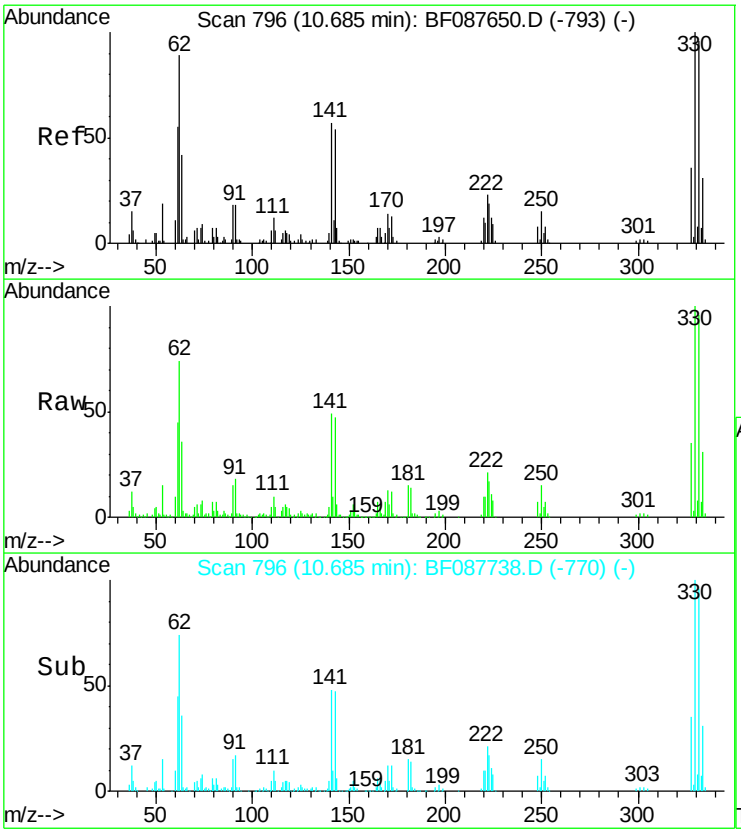
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:164 Resp: 254362

Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.4	128.2
160	46.9	39.5	59.3

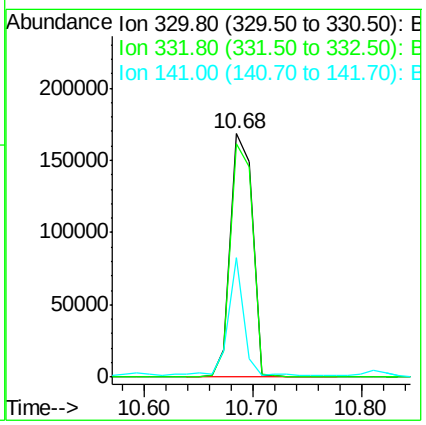


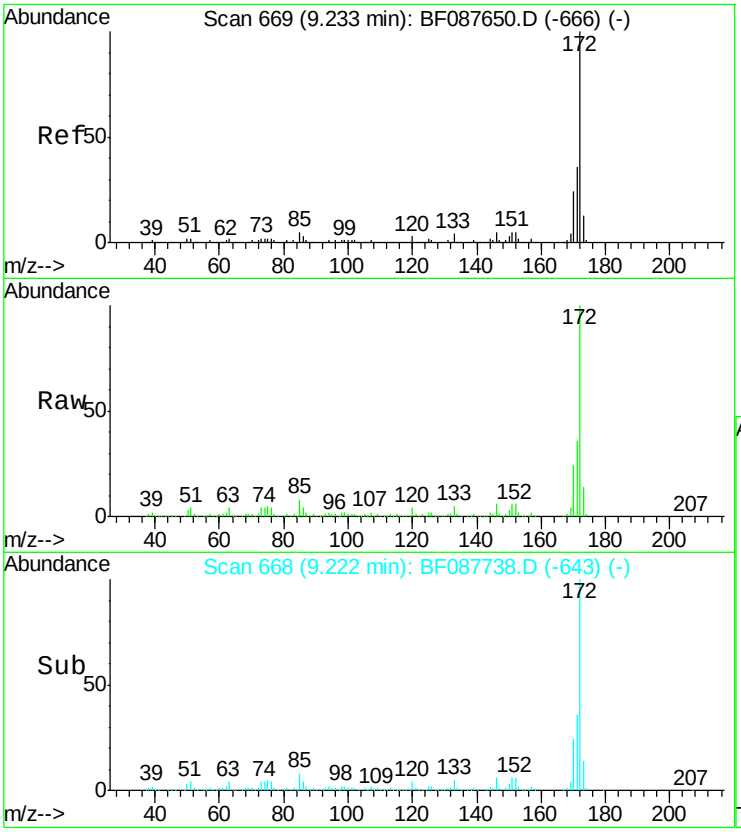


#41
2,4,6-Tribromophenol
Concen: 91.60 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Tgt Ion:330 Resp: 233888

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	35.1	0.0	0.0#



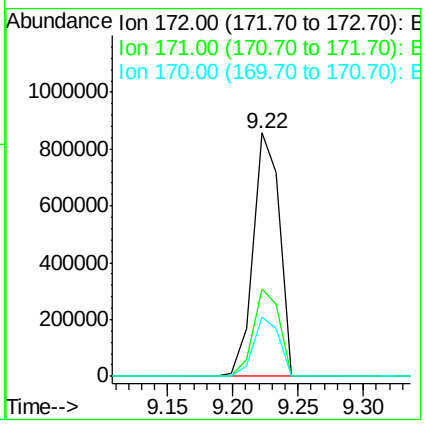


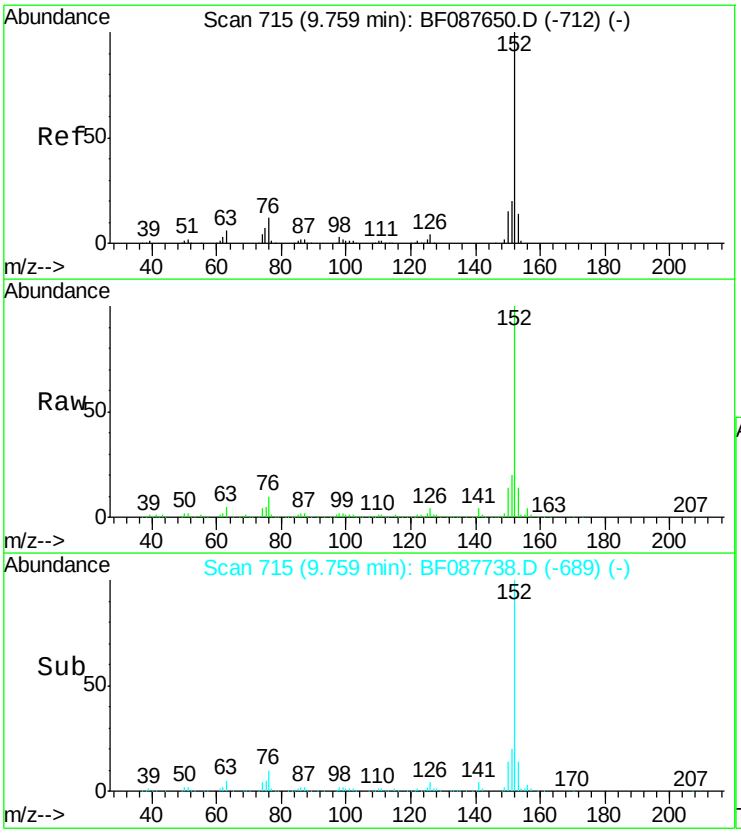
#44
2-Fluorobiphenyl
Concen: 68.28 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:172 Resp: 1203687

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.2	19.2	28.8

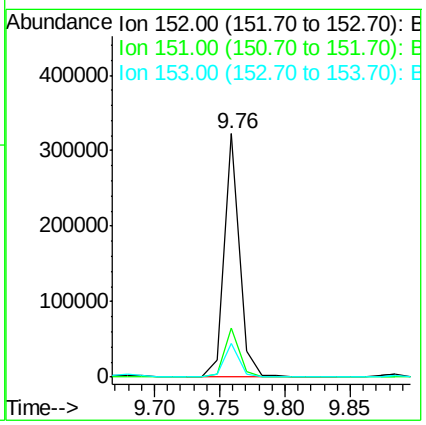


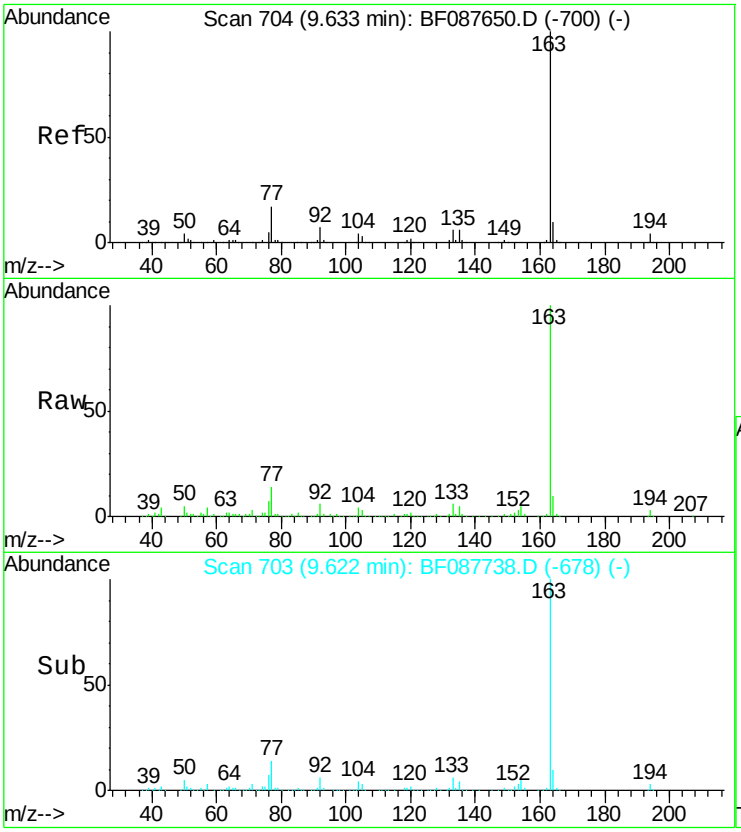


#48
Acenaphthylene
Concen: 10.38 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Tgt Ion:152 Resp: 265919

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



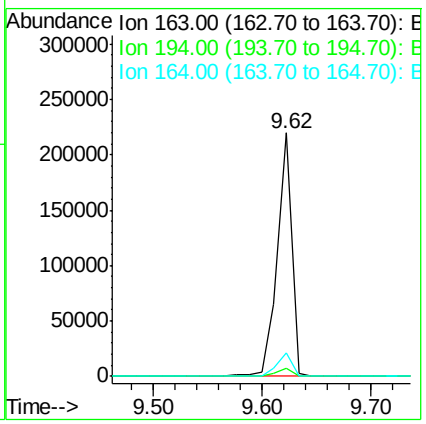


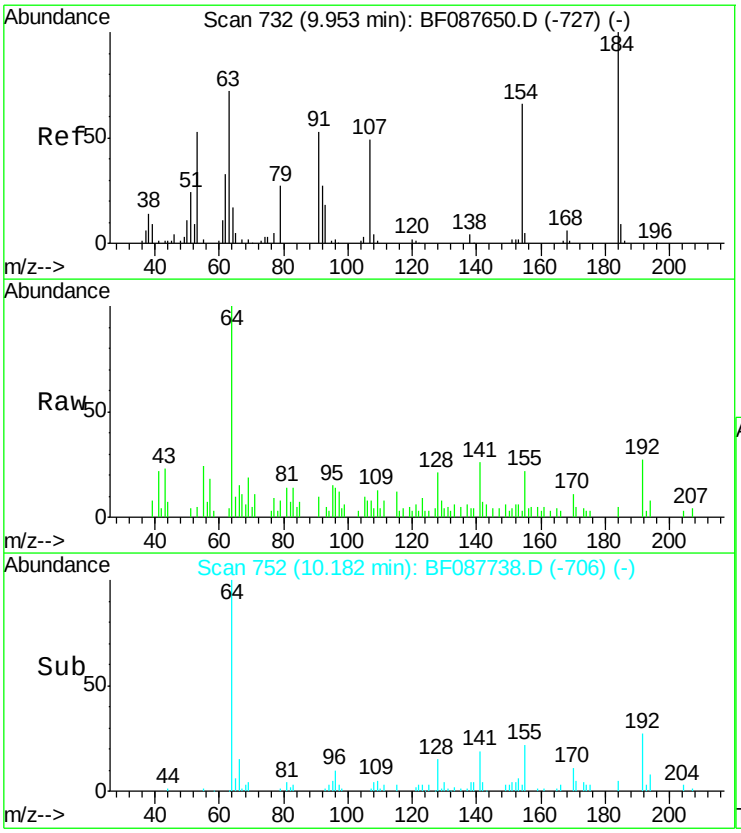
#49
Dimethylphthalate
Concen: 10.83 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:163 Resp: 200337

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	9.6	8.3	12.5

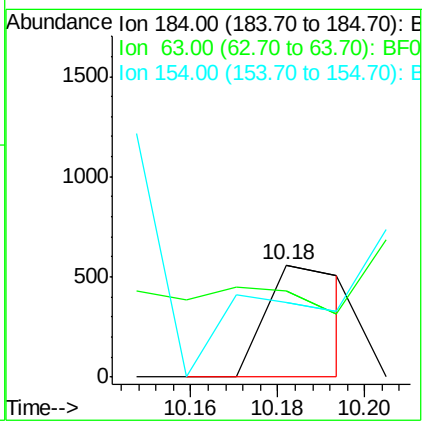


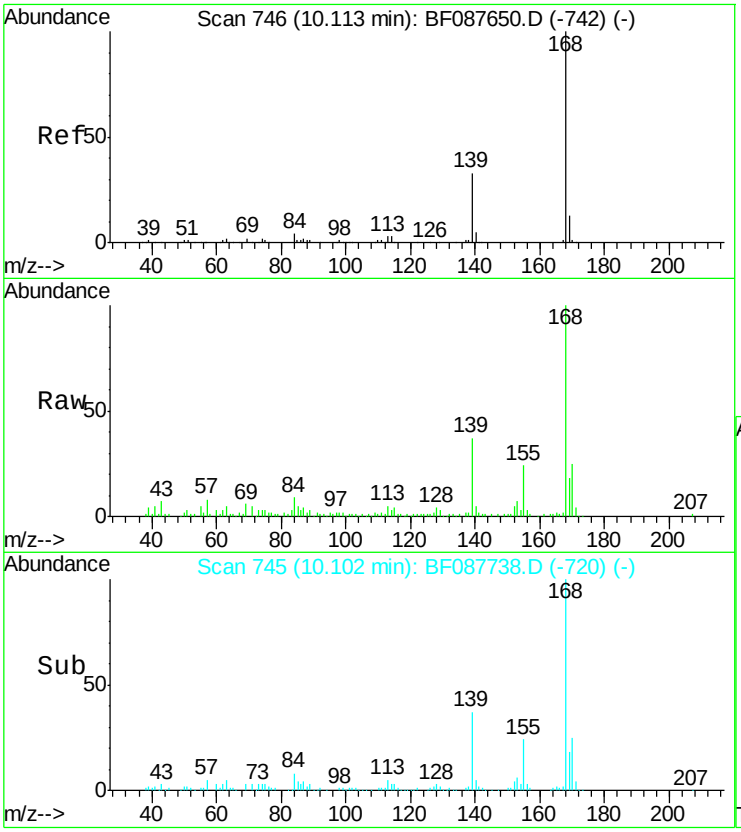


#53
2,4-Dinitrophenol
Concen: 4.24 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.23 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Tgt Ion:184 Resp: 728

Ion	Ratio	Lower	Upper
184	100		
63	77.4	57.6	86.4
154	66.7	53.5	80.3



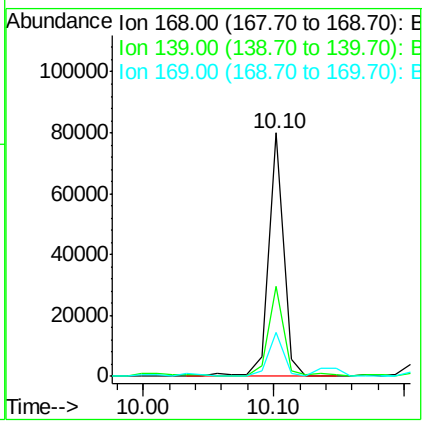


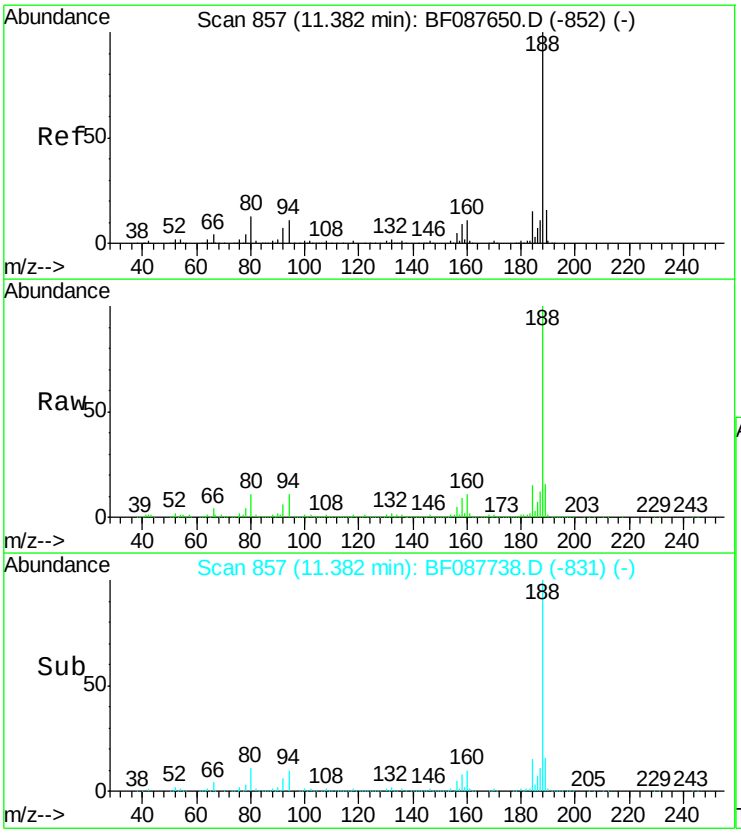
#54
Dibenzofuran
Concen: 2.88 ng
RT: 10.10 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:168 Resp: 64543

Ion	Ratio	Lower	Upper
168	100		
139	37.0	26.4	39.6
169	17.9	10.4	15.6#

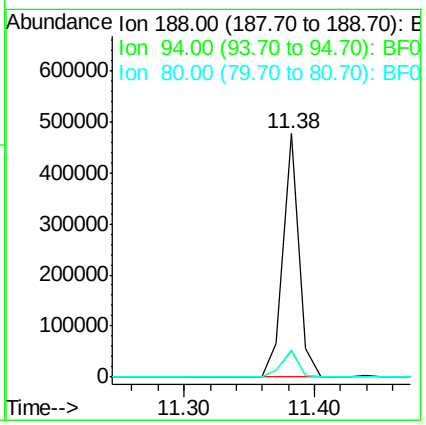


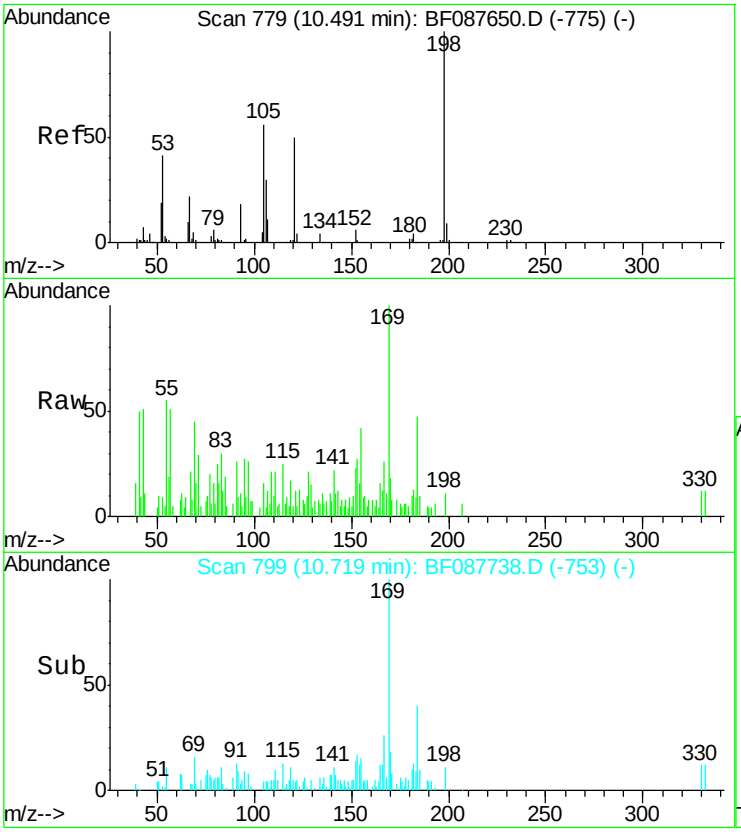


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Tgt Ion:188 Resp: 414040

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.0	13.6
80	11.2	10.0	15.0



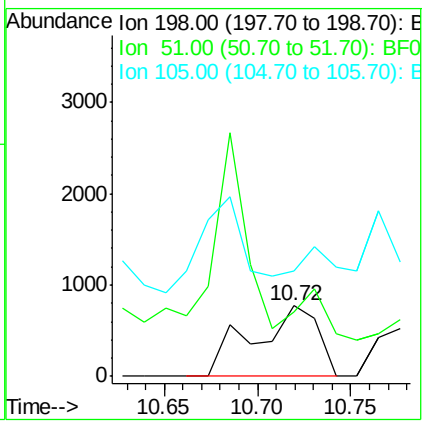


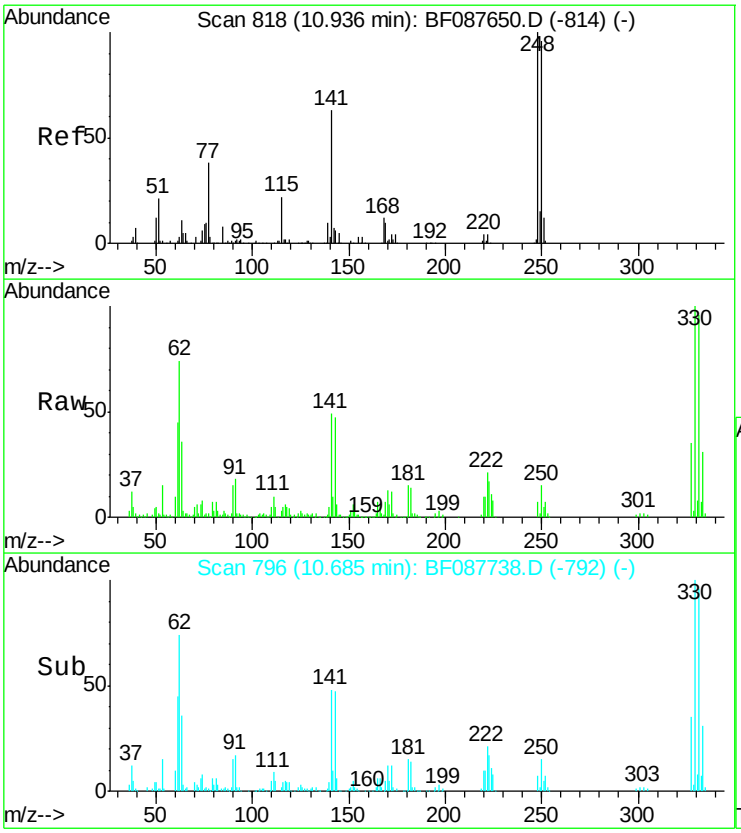
#64
4,6-Dinitro-2-methylphenol
Concen: 2.79 ng
RT: 10.72 min Scan# 799
Delta R.T. 0.23 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:198 Resp: 1854

Ion	Ratio	Lower	Upper
198	100		
51	91.2	39.6	79.6#
105	149.9	36.6	76.6#

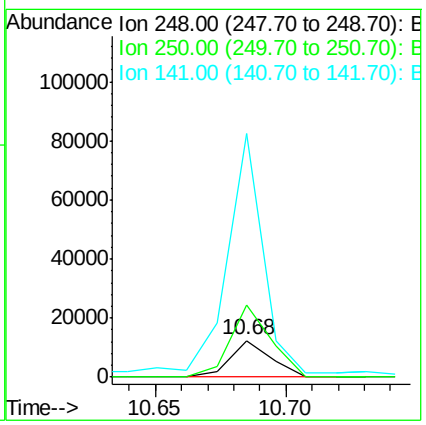


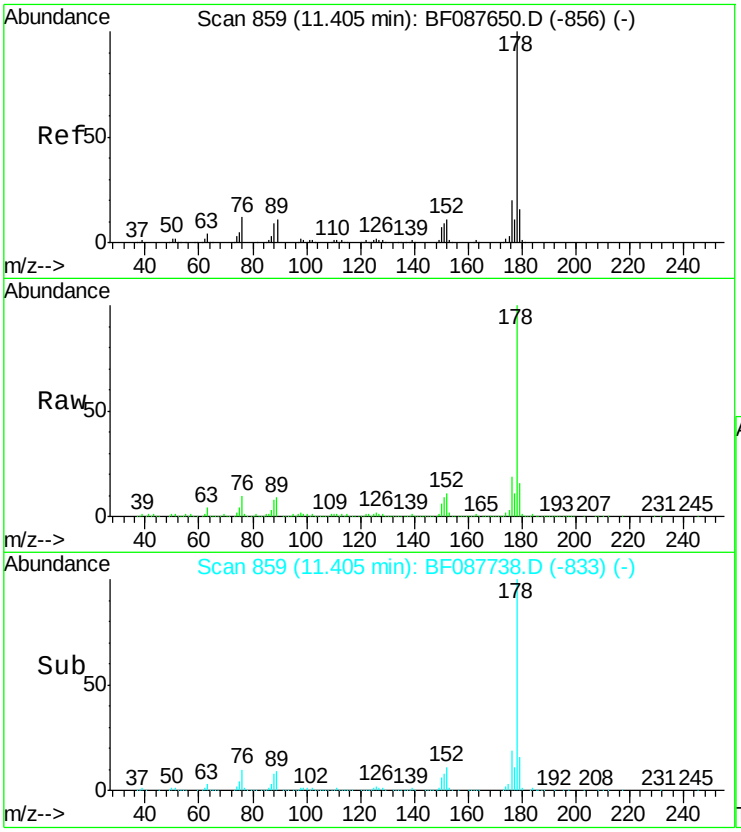


#66
4-Bromophenyl-phenylether
Concen: 3.25 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.25 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Tgt Ion:248 Resp: 13328

Ion	Ratio	Lower	Upper
248	100		
250	196.9	77.1	115.7#
141	661.0	50.6	76.0#



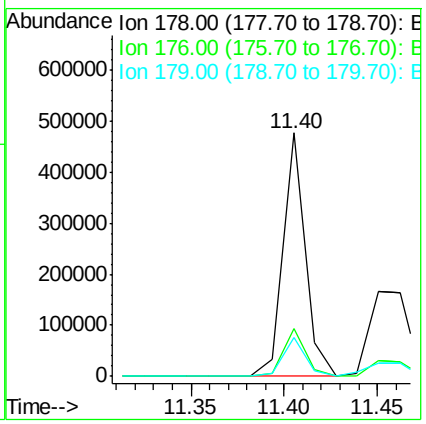


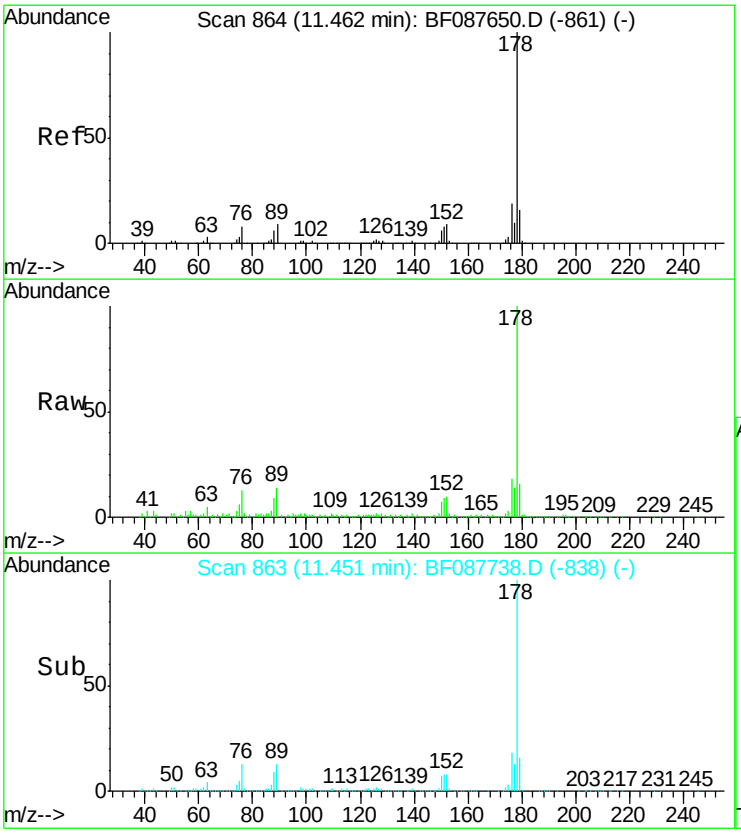
#70
Phenanthrene
Concen: 17.70 ng
RT: 11.40 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:178 Resp: 397378

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.9	13.0	19.4

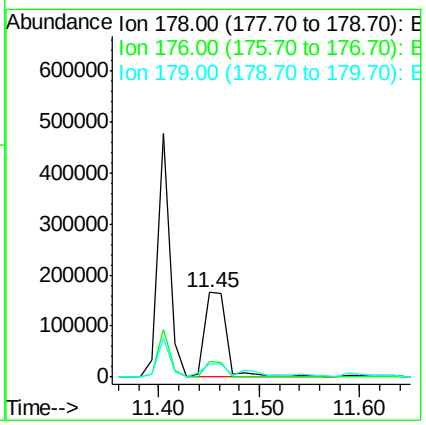


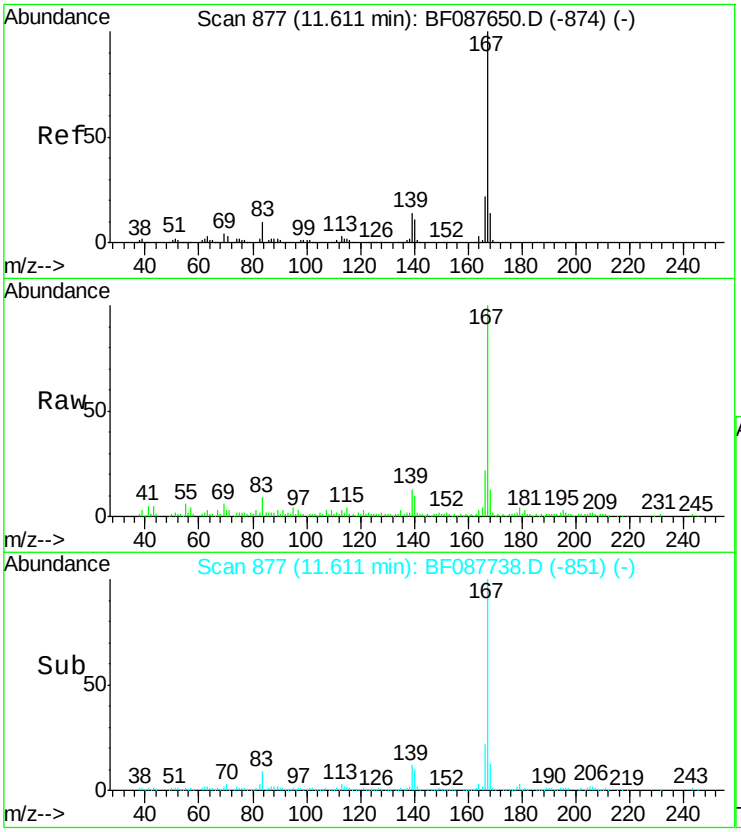


#71
Anthracene
Concen: 10.82 ng
RT: 11.45 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Tgt Ion:178 Resp: 243440

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	16.4	12.8	19.2



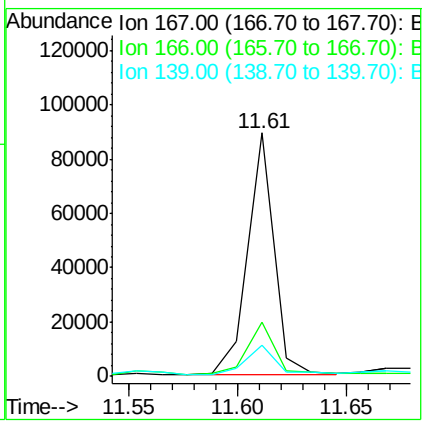


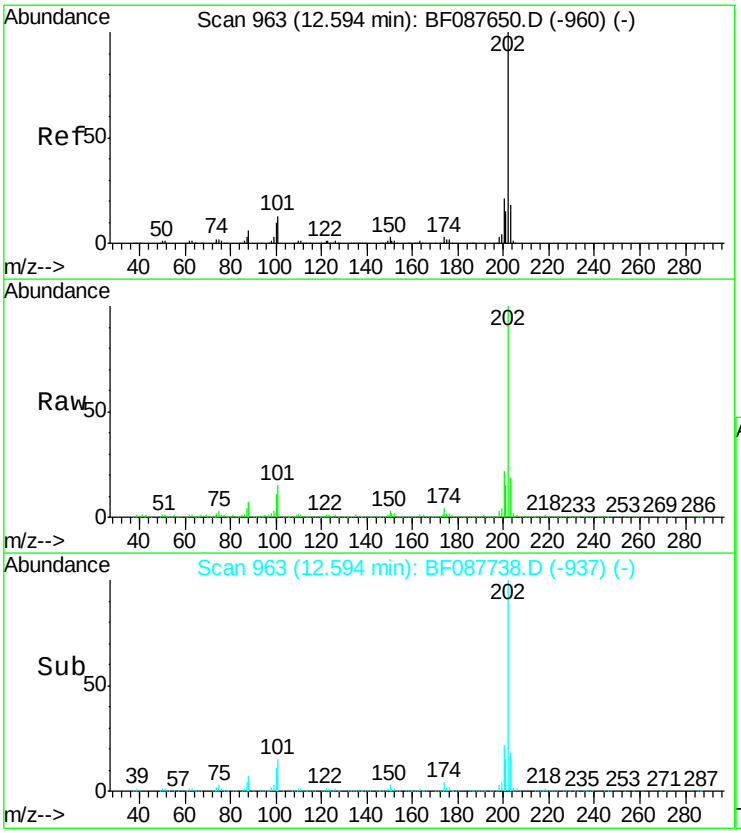
#72
Carbazole
Concen: 3.51 ng
RT: 11.61 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:167 Resp: 74804

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	12.6	11.2	16.8

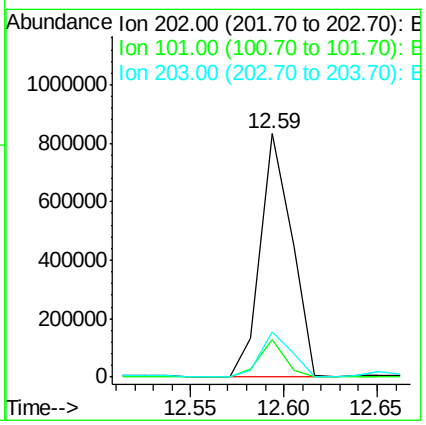


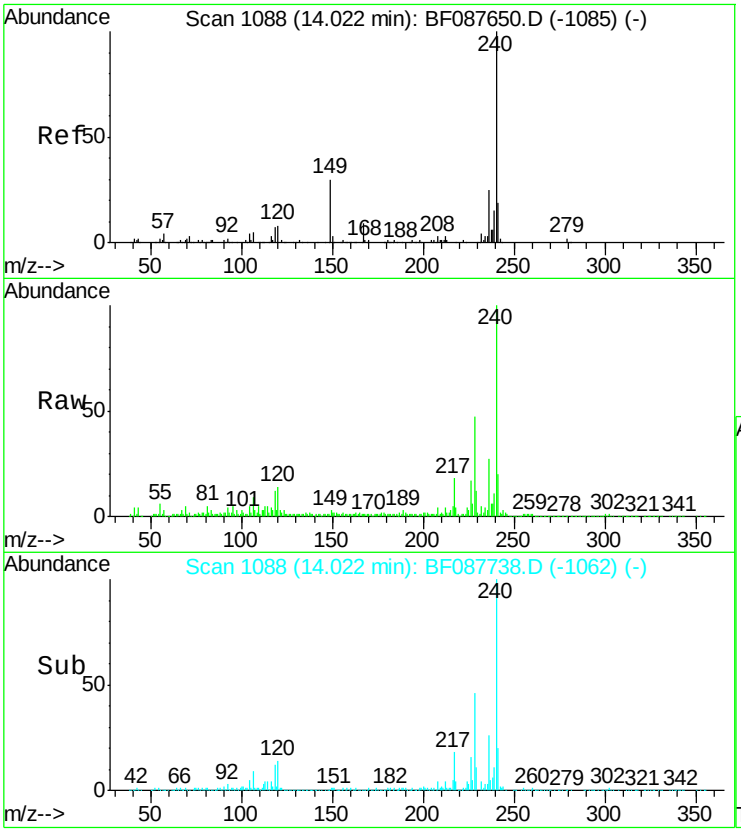


#74
Fluoranthene
Concen: 43.91 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Tgt Ion:202 Resp: 969918

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	33.1
203	18.6	0.0	38.1



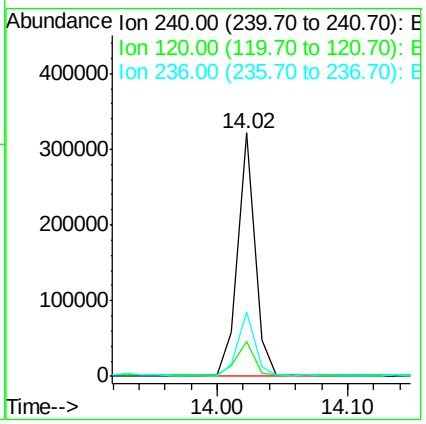


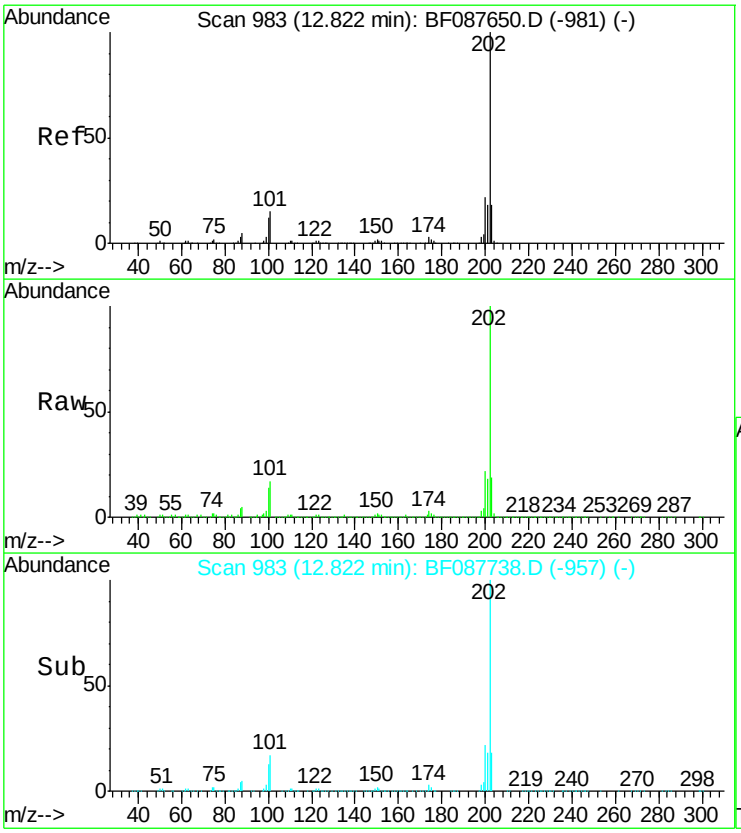
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:240 Resp: 295639

Ion	Ratio	Lower	Upper
240	100		
120	14.1	6.8	10.2#
236	26.6	20.2	30.2

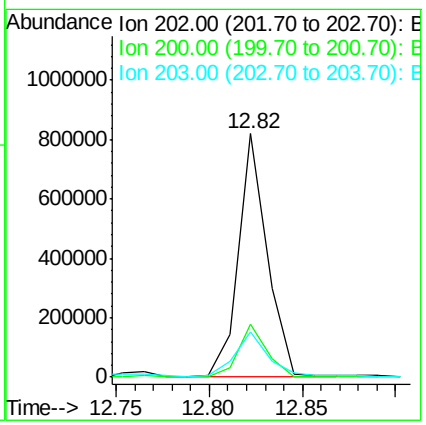


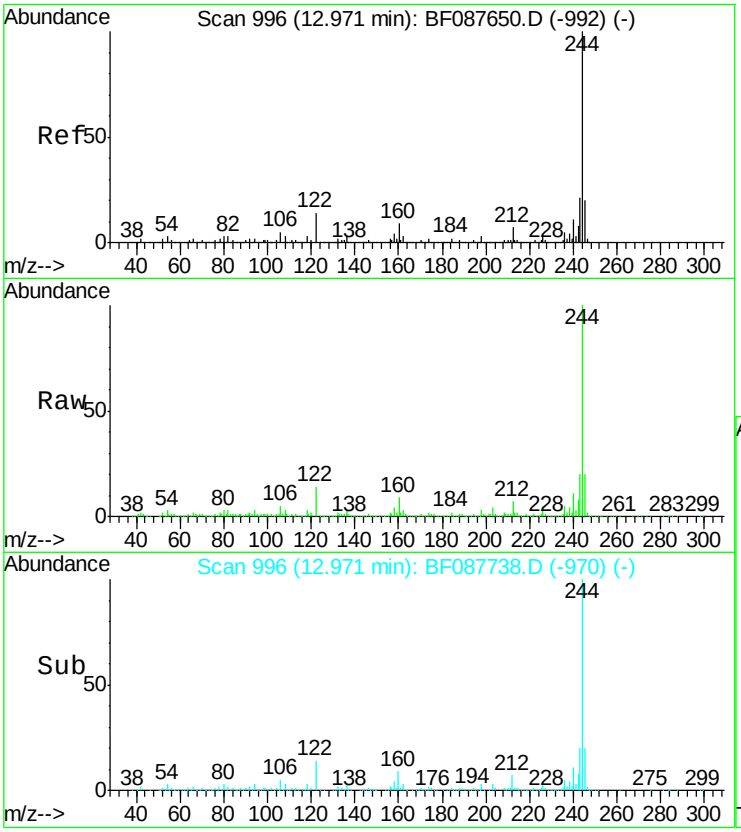


#77
Pyrene
Concen: 41.45 ng
RT: 12.82 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Tgt Ion:202 Resp: 872521

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.8	14.5	21.7



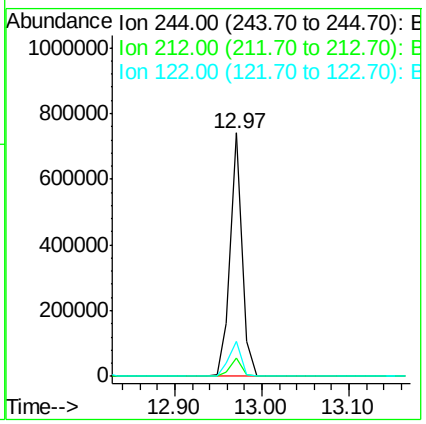


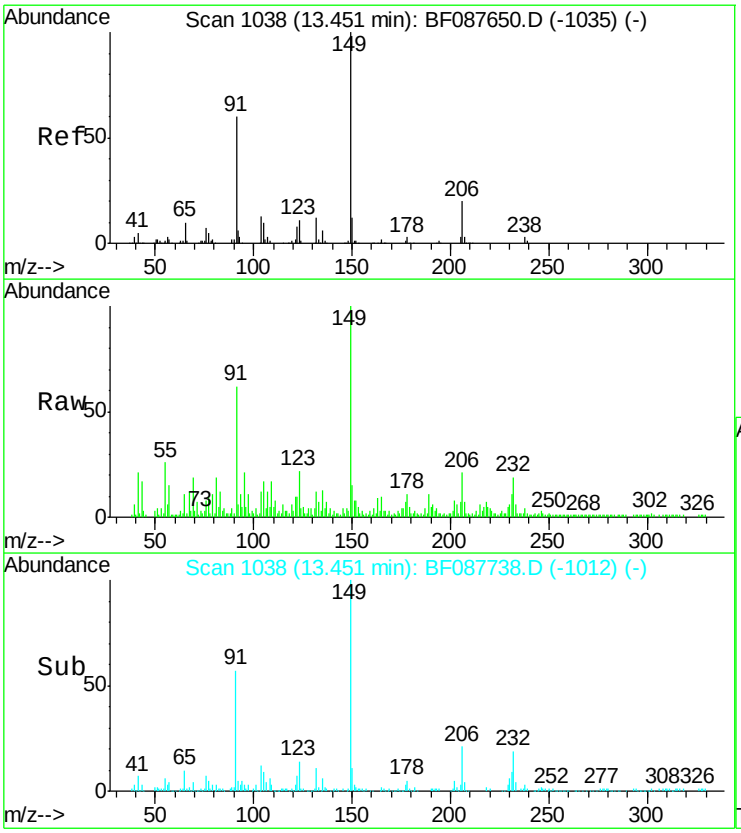
#78
Terphenyl-d14
Concen: 57.65 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:244 Resp: 698531

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	14.3	11.2	16.8

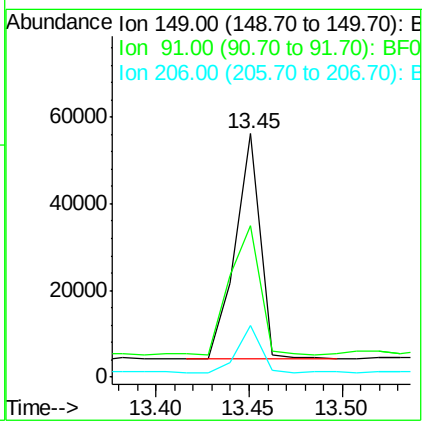


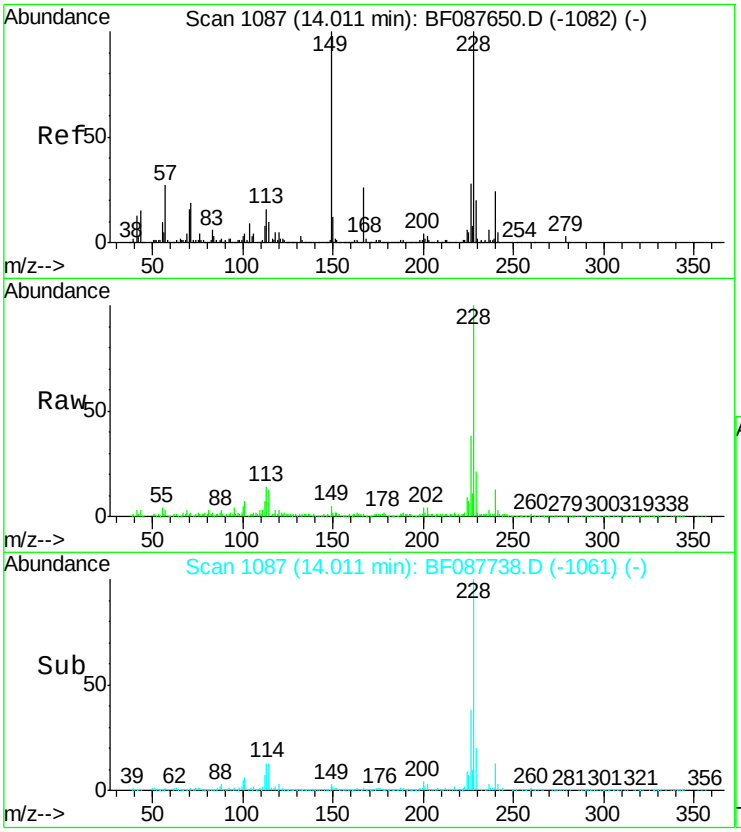


#79
Butylbenzylphthalate
Concen: 5.46 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Tgt Ion:149 Resp: 48959

Ion	Ratio	Lower	Upper
149	100		
91	62.1	48.0	72.0
206	21.4	16.0	24.0



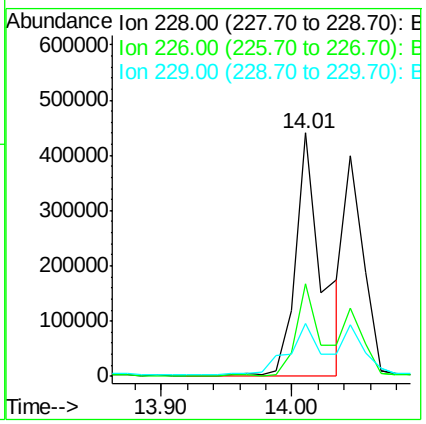


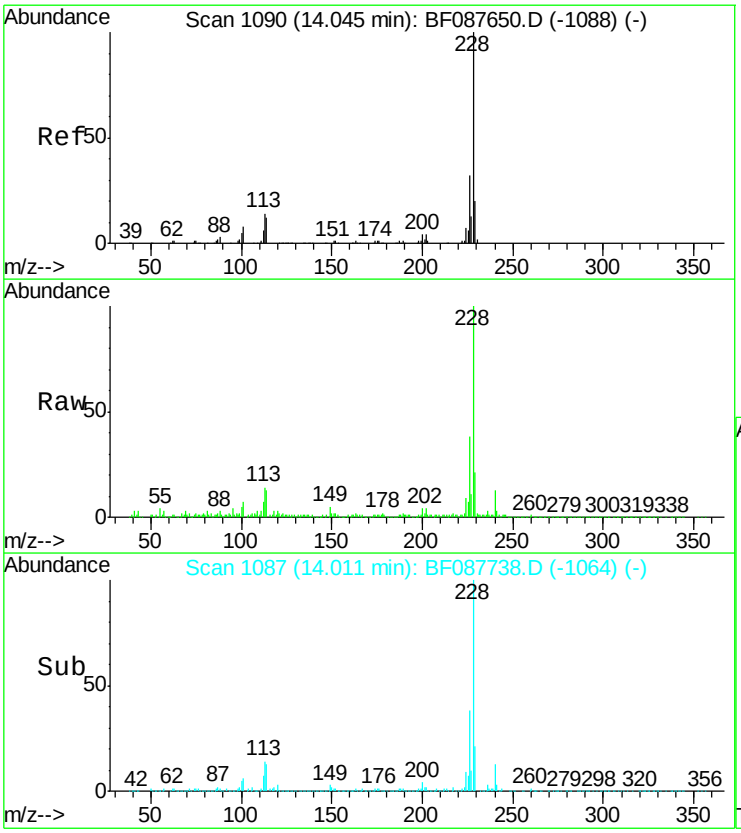
#80
Benzo(a)anthracene
Concen: 35.99 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:228 Resp: 614062

Ion	Ratio	Lower	Upper
228	100		
226	38.3	22.3	33.5#
229	21.5	16.0	24.0

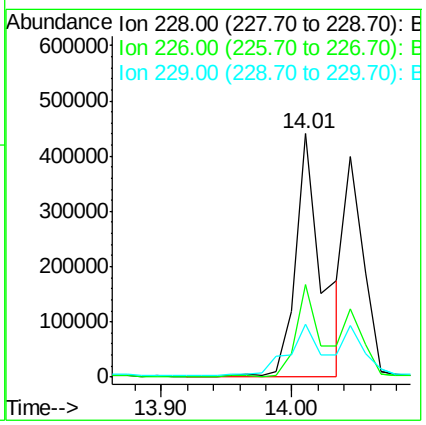


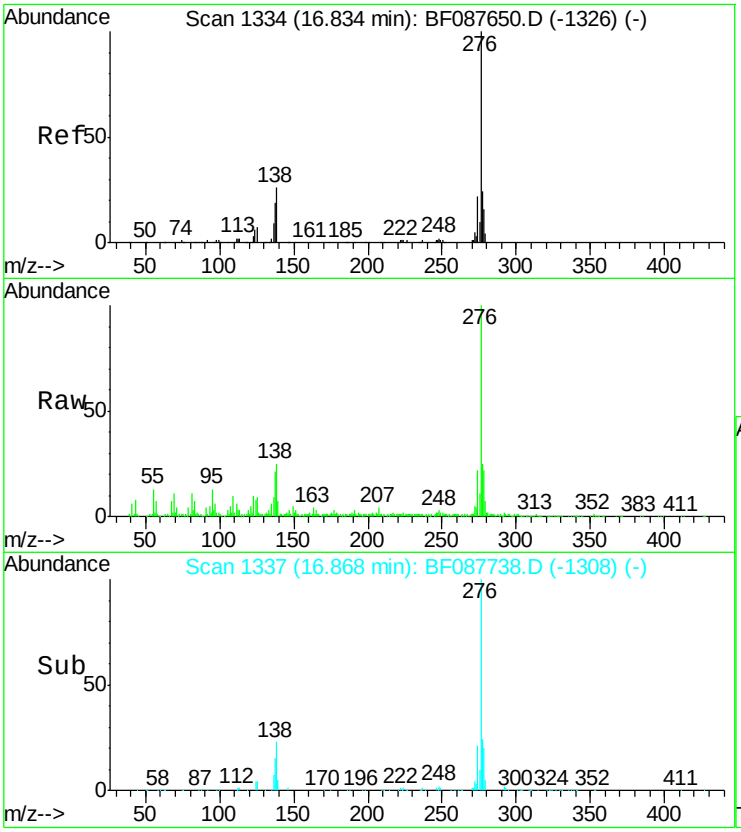


#82
Chrysene
Concen: 36.16 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.03 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Tgt Ion:228 Resp: 614062

Ion	Ratio	Lower	Upper
228	100		
226	38.3	25.4	38.2#
229	21.5	16.3	24.5



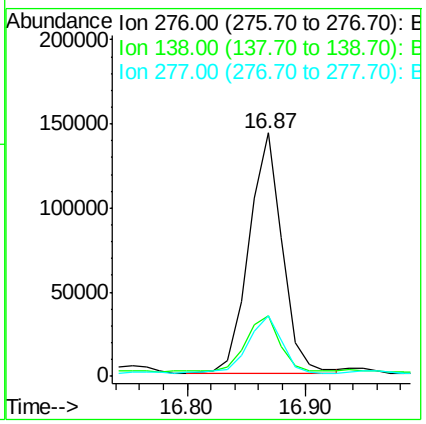


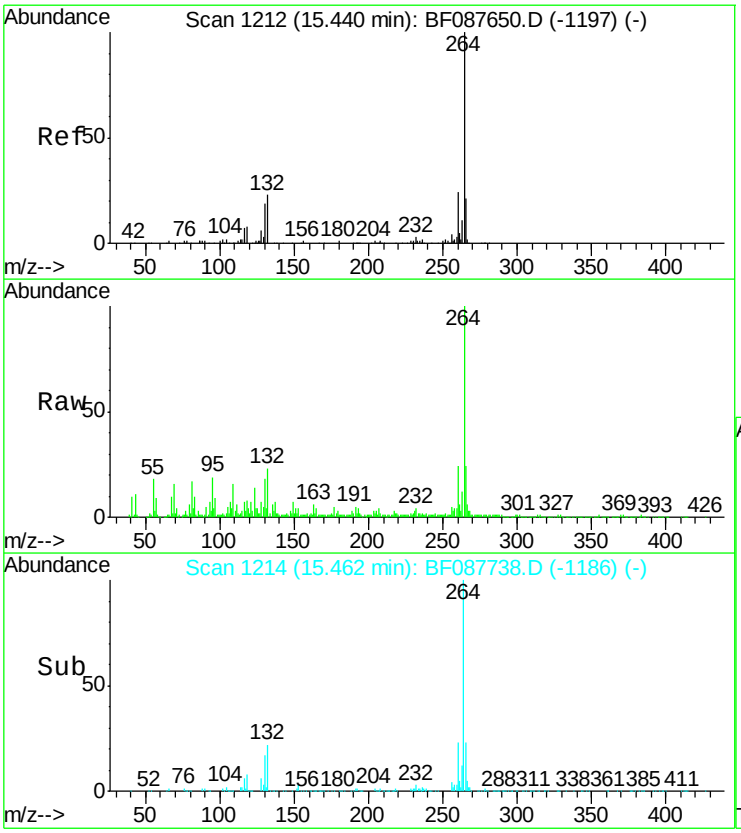
#85
Indeno(1,2,3-cd)pyrene
Concen: 19.94 ng
RT: 16.87 min Scan# 1337
Delta R.T. 0.03 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:276 Resp: 279904

Ion	Ratio	Lower	Upper
276	100		
138	23.7	0.0	0.0#
277	24.9	0.0	0.0#

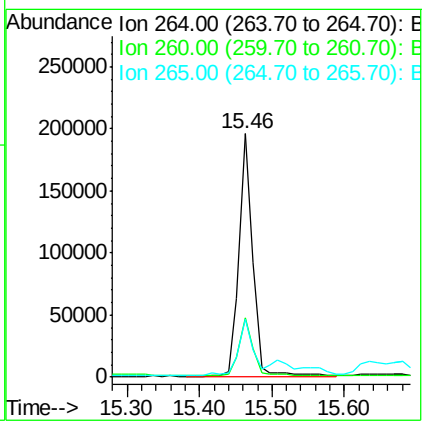


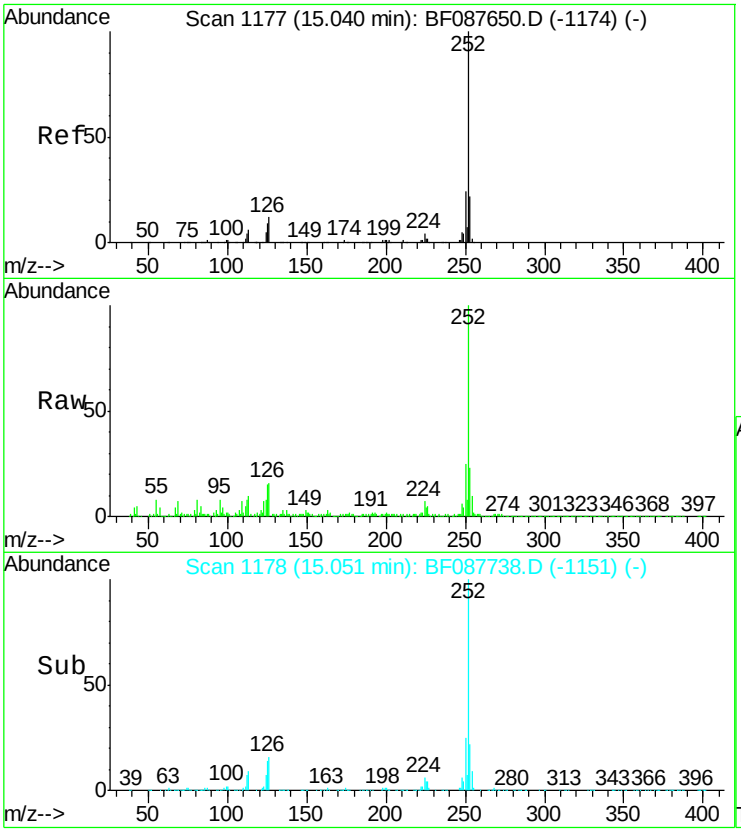


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Tgt Ion:264 Resp: 258524

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	24.1	16.9	25.3



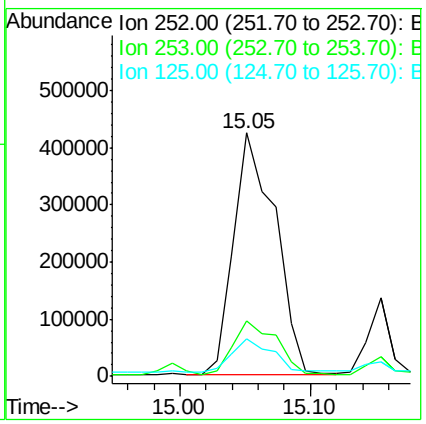


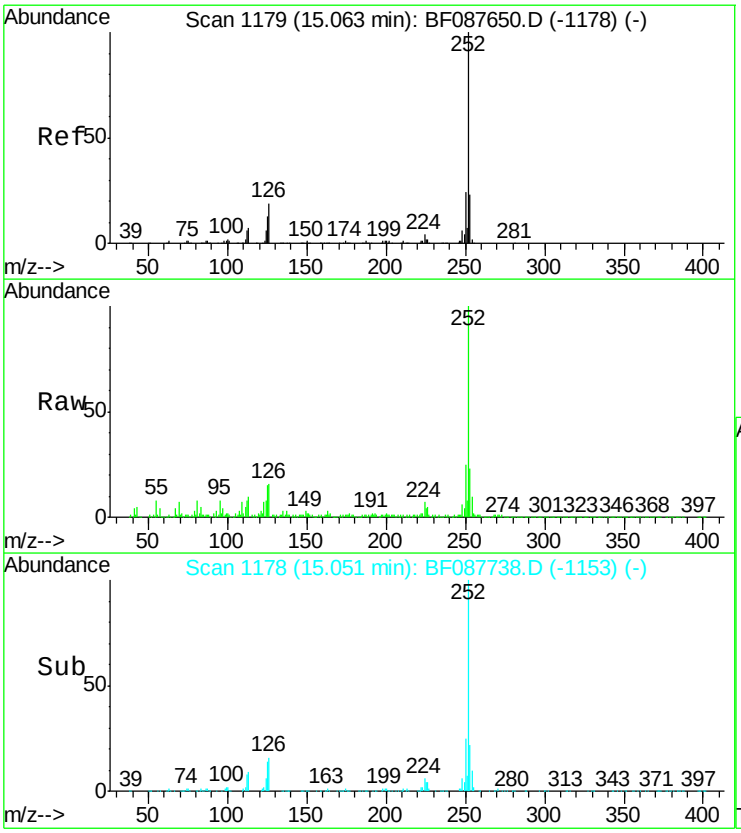
#87
Benzo(b)fluoranthene
Concen: 55.85 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:252 Resp: 939190

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	15.4	7.1	10.7#

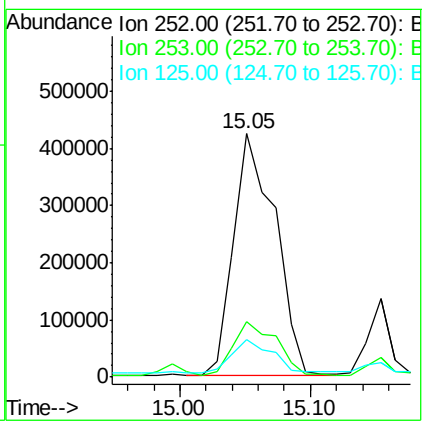


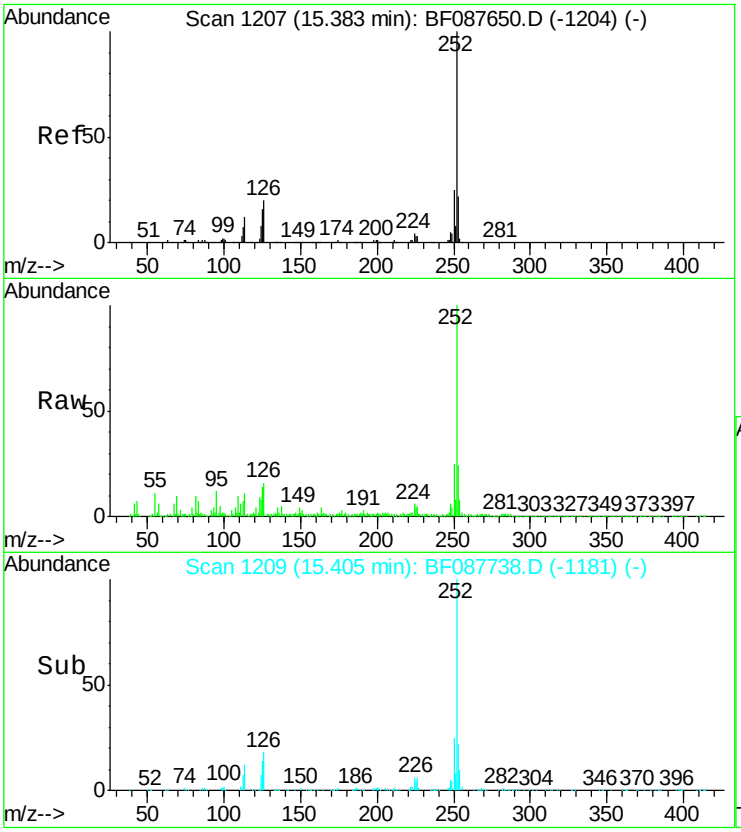


#88
Benzo(k)fluoranthene
Concen: 67.12 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Tgt Ion:252 Resp: 939190

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	15.4	11.2	16.8



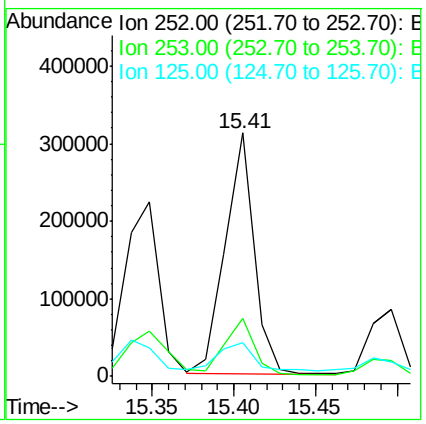


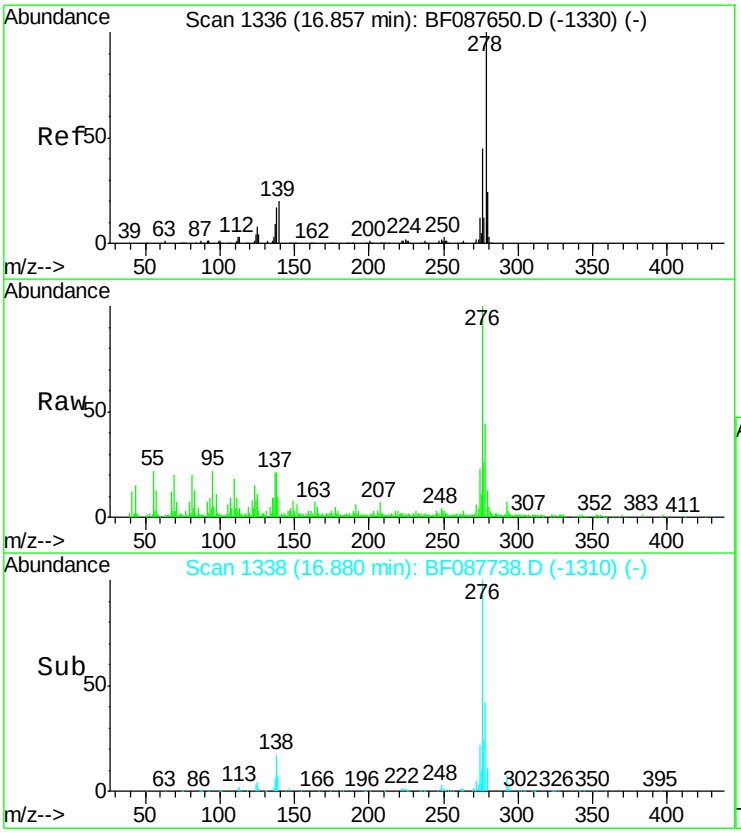
#89
Benzo(a)pyrene
Concen: 26.92 ng
RT: 15.41 min Scan# 1209
Delta R.T. 0.02 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:252 Resp: 380518

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	14.0	12.5	18.7

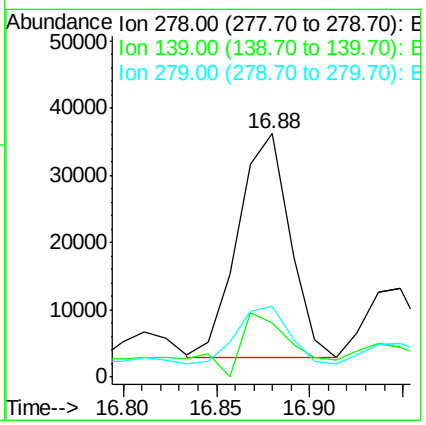


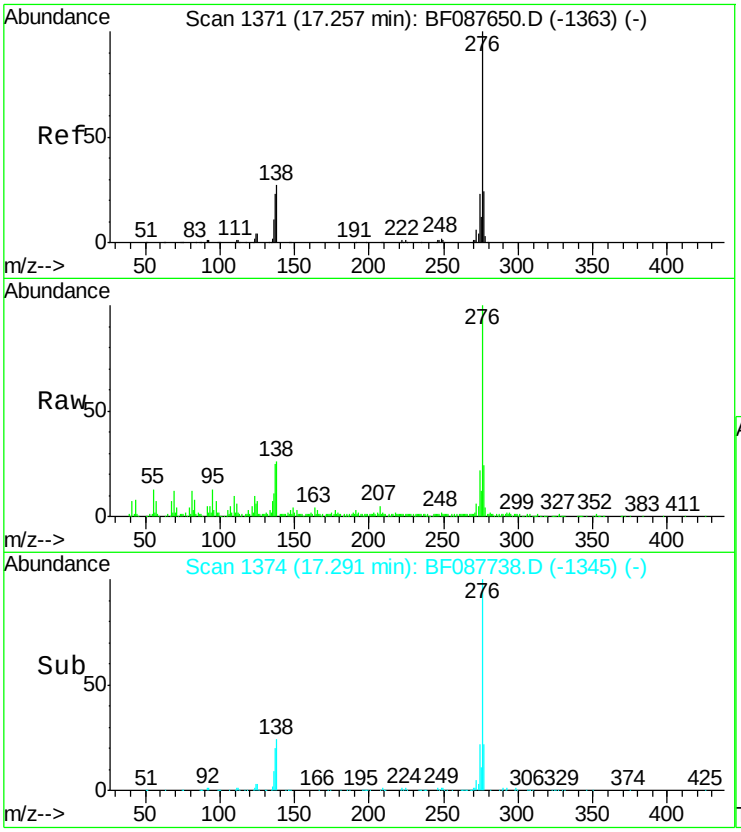


#90
Dibenzo(a,h)anthracene
Concen: 5.37 ng
RT: 16.88 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Tgt Ion:278 Resp: 64569

Ion	Ratio	Lower	Upper
278	100		
139	22.2	15.7	23.5
279	29.3	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 20.73 ng
RT: 17.29 min Scan# 1374
Delta R.T. 0.03 min
Lab File: BF087738.D
Acq: 6 Jun 2016 6:20

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:276 Resp: 251618

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	26.1	21.4	32.2