Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087749.D
Acq On : 6 Jun 2016 13:44
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 06 16:02:54 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	6.84	152	147344	20.00	ng		-0.02
21) Naphthalene-d8	8.14	136	632584	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	254494	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	426815	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	297364	20.00	ng		-0.01
86) Perylene-d12	15.44	264	265286	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	821355	90.10	ng		0.00
7) Phenol-d6	6.49	99	1220448	106.75	ng		0.00
23) Nitrobenzene-d5	7.42	82	679836	62.18	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	212735	83.27	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1189930	67.21	ng		-0.02
78) Terphenyl-d14	12.96	244	782420	64.20	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	95720	13.41	ng	#	74
31) Naphthalene	8.16	128	126433	4.11	ng		98
37) 2-Methylnaphthalene	8.84	142	100280	4.94	ng		96
48) Acenaphthylene	9.75	152	260256	10.15	ng		100
49) Dimethylphthalate	9.61	163	192865	10.42	ng		99
53) 2,4-Dinitrophenol	10.17	184	684	4.22	ng	#	54
54) Dibenzofuran	10.09	168	63612	2.83	ng	#	93
60) 4-Chlorophenyl-phenylether	10.25	204	230	Below Cal		#	1
64) 4,6-Dinitro-2-methylphenol	10.67	198	517	2.22	ng	#	1
66) 4-Bromophenyl-phenylether	10.67	248	13133	3.10	ng	#	1
70) Phenanthrene	11.39	178	420614	18.18	ng		99
71) Anthracene	11.44	178	228970	9.87	ng		99
72) Carbazole	11.60	167	73300	3.34	ng		98
74) Fluoranthene	12.58	202	925631	40.65	ng		98
77) Pyrene	12.81	202	901056	42.55	ng		99
79) Butylbenzylphthalate	13.43	149	52020	5.77	ng	#	70
80) Benzo(a)anthracene	14.03	228	528552	30.80	ng		94
82) Chrysene	14.03	228	528797	30.96	ng		97
85) Indeno(1,2,3-cd)pyrene	16.83	276	281909	19.97	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	960903	55.68	ng	#	94
88) Benzo(k)fluoranthene	15.04	252	960903	66.92	ng		100
89) Benzo(a)pyrene	15.38	252	378773	26.11	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	63709	5.16	ng	#	90
91) Benzo(g,h,i)perylene	17.26	276	255179	20.49	ng		99

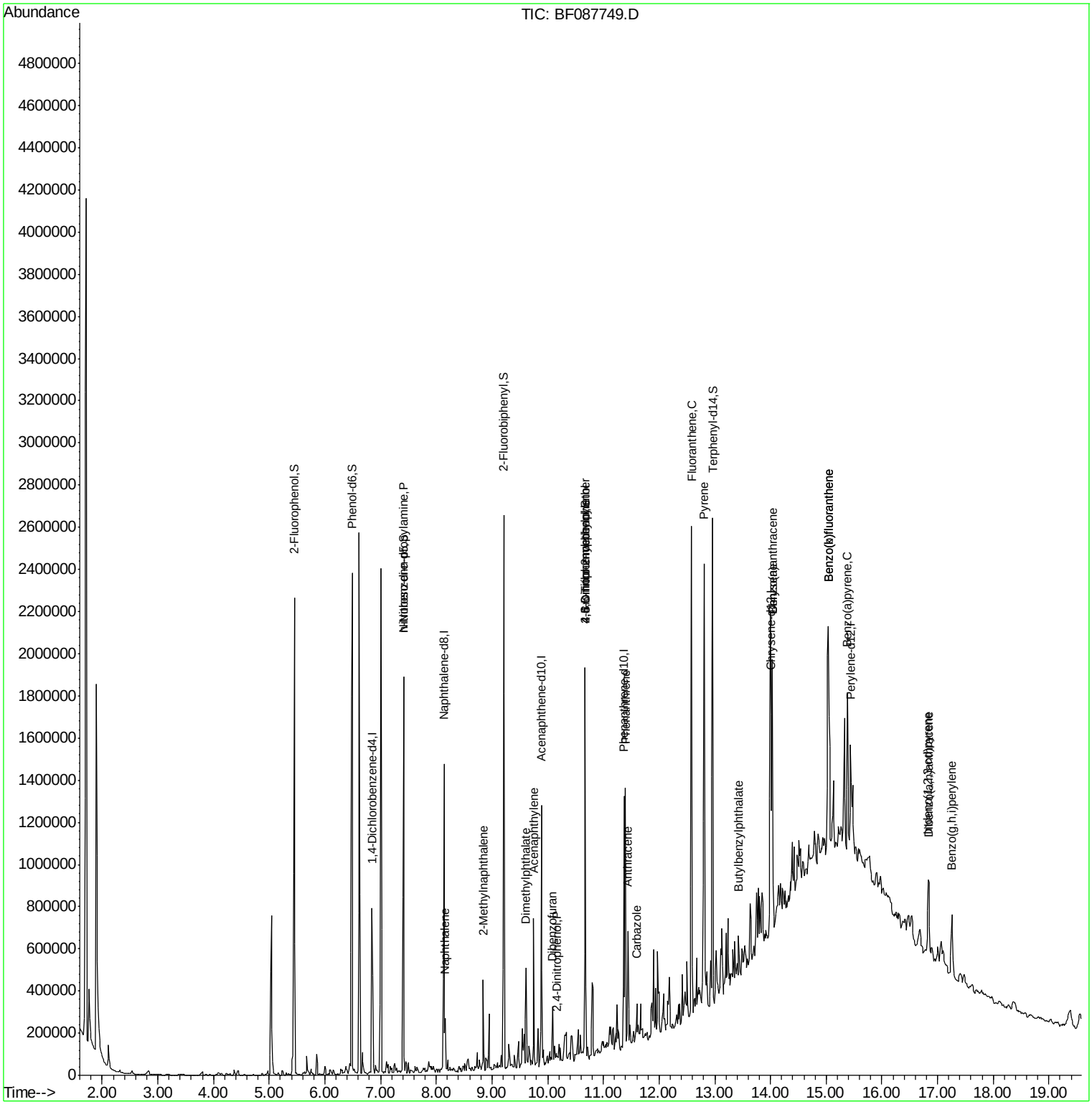
(#) = qualifier out of range (m) = manual integration (+) = signals summed

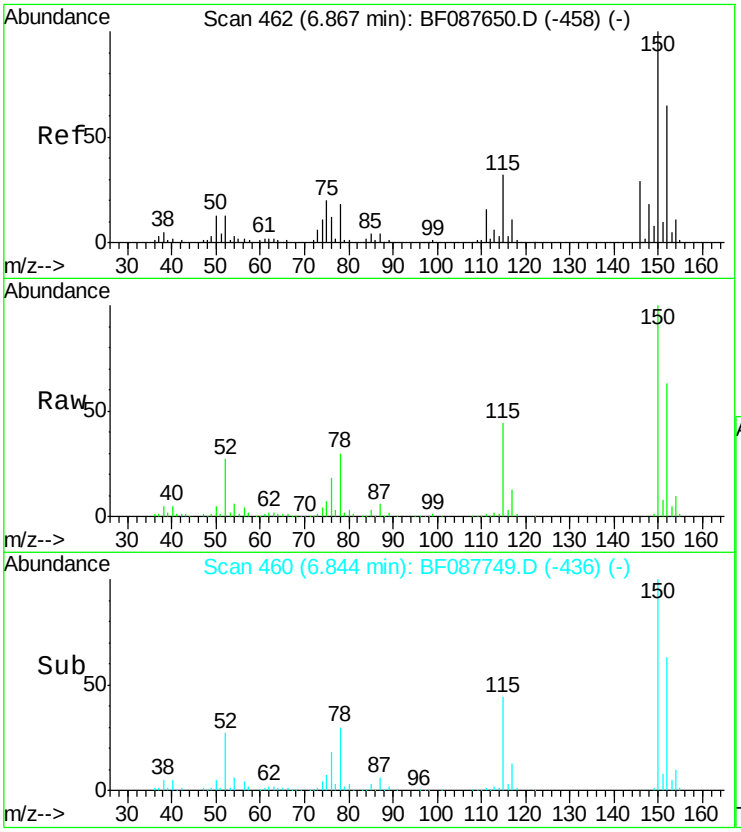
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087749.D
Acq On : 6 Jun 2016 13:44
Operator : UM/SJ
Sample : H3290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 06 16:02:54 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



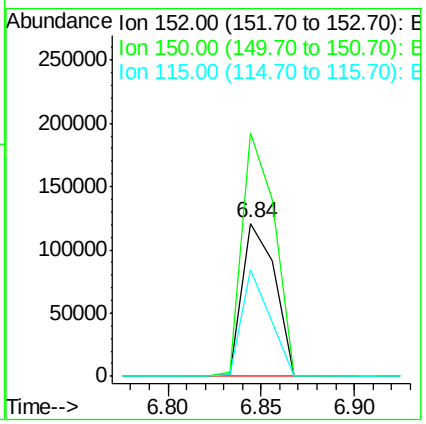


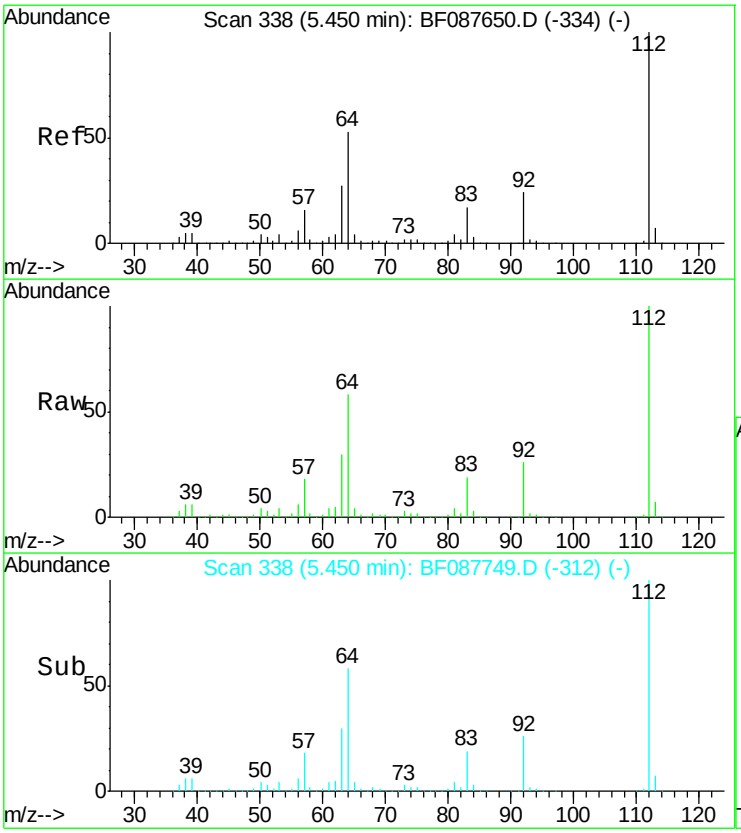
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

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

Tgt Ion:152 Resp: 147344

Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.8	185.6
115	69.8	39.6	59.4#

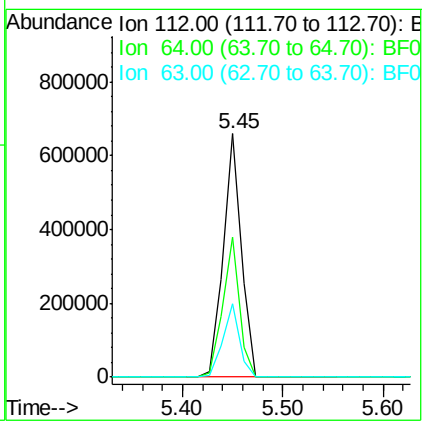


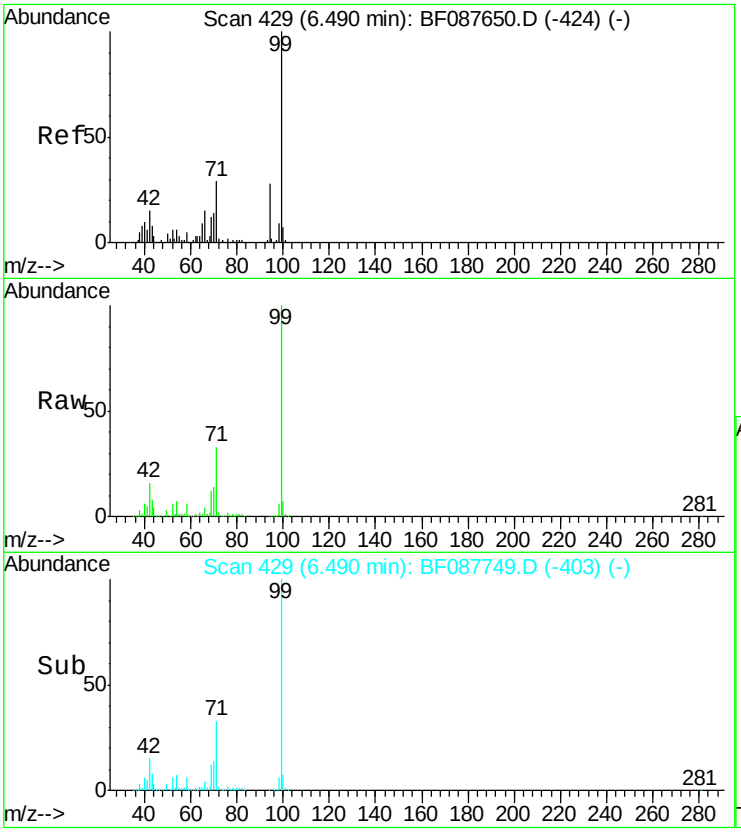


#5
2-Fluorophenol
Concen: 90.10 ng
RT: 5.45 min Scan# 338
Delta R.T. 0.00 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion:112 Resp: 821355

Ion	Ratio	Lower	Upper
112	100		
64	57.6	42.2	63.2
63	30.2	21.8	32.8



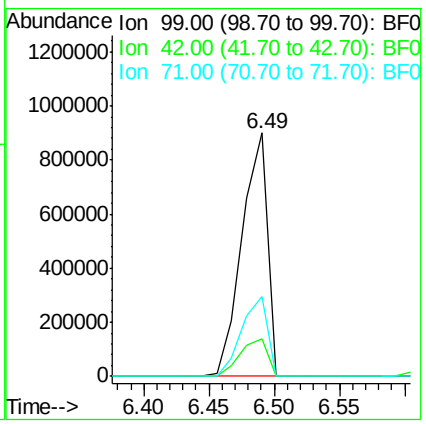


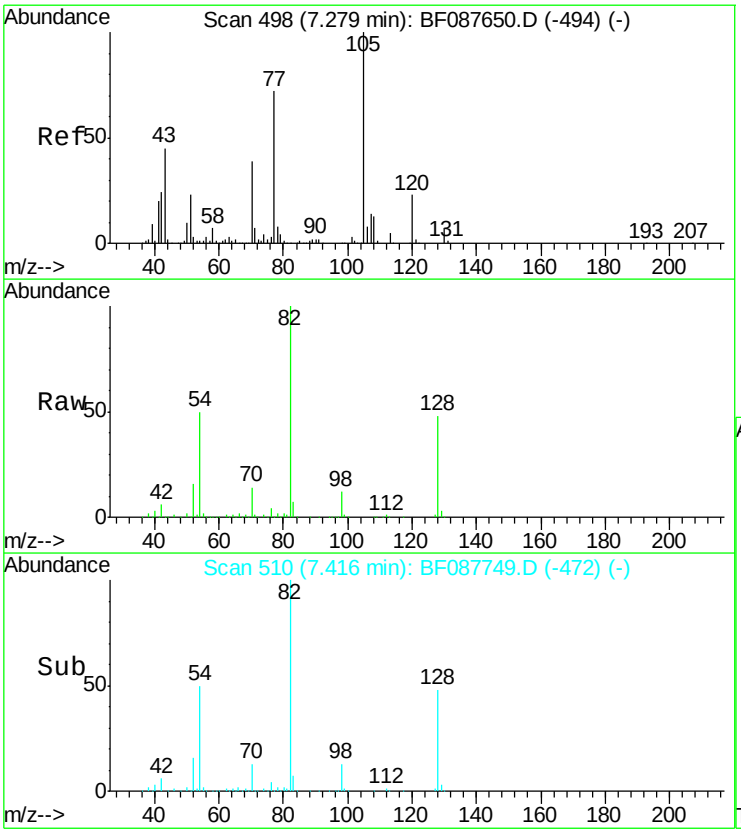
#7
Phenol-d6
Concen: 106.75 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

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

Tgt Ion: 99 Resp: 1220448

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.2	18.2
71	32.8	23.4	35.0

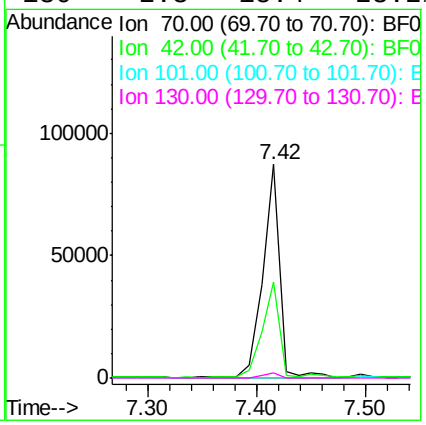


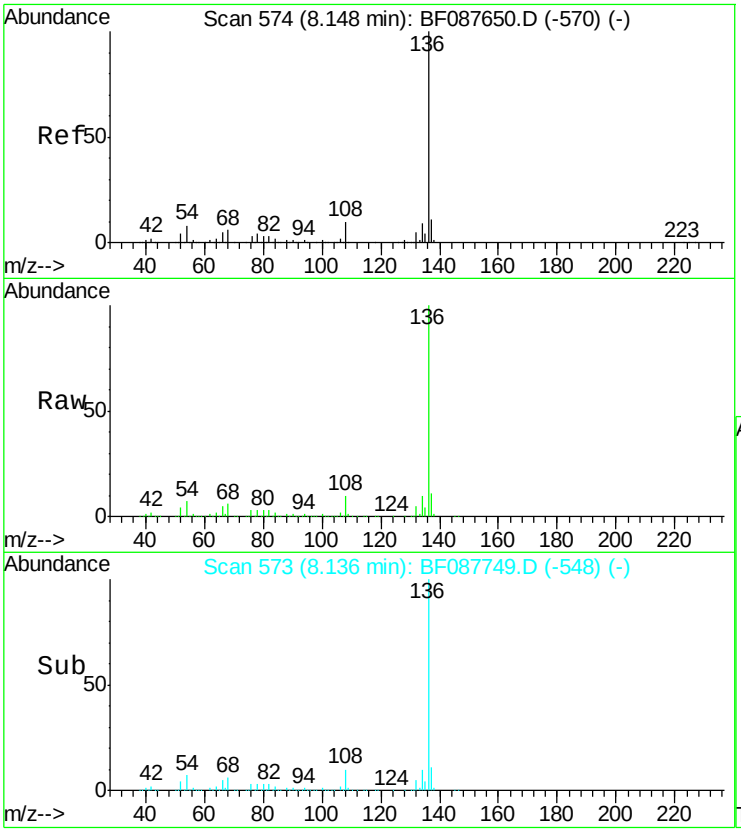


#19
n-Nitroso-di-n-propylamine
Concen: 13.41 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.14 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion: 70 Resp: 95720

Ion	Ratio	Lower	Upper
70	100		
42	44.9	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#



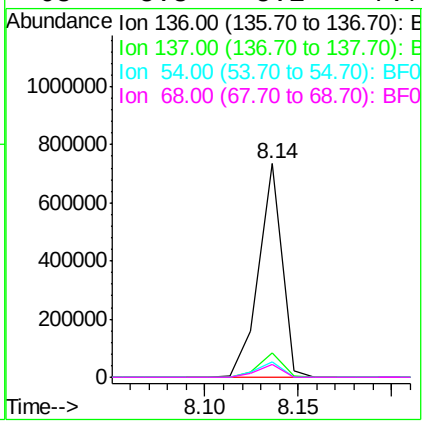


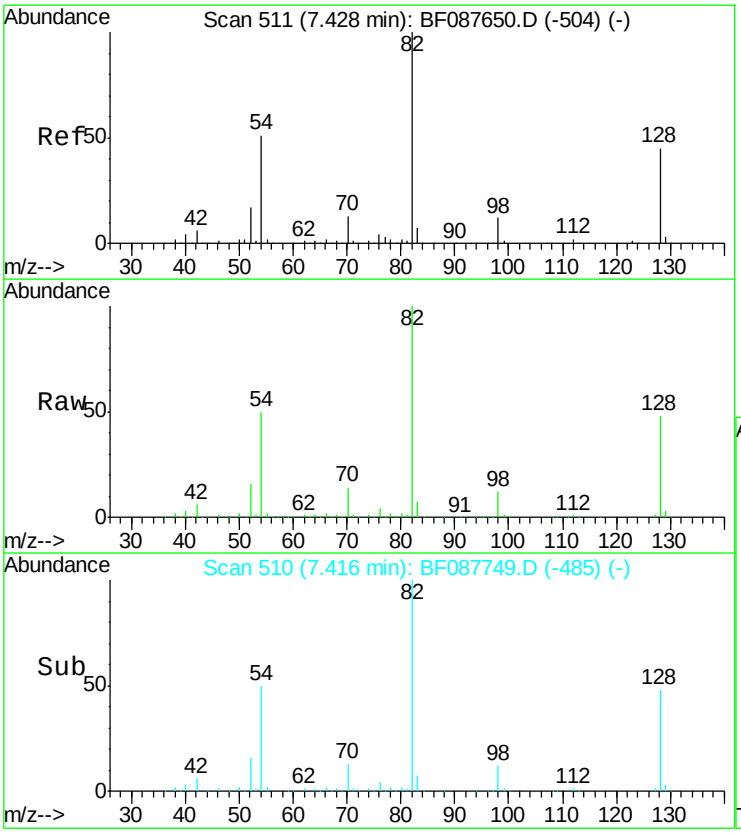
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

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

Tgt Ion:136 Resp: 632584

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.1	6.6	10.0
68	5.8	5.1	7.7

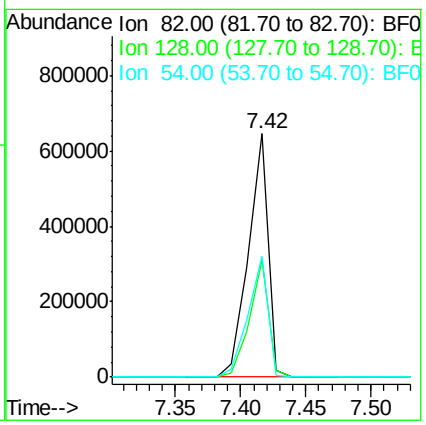


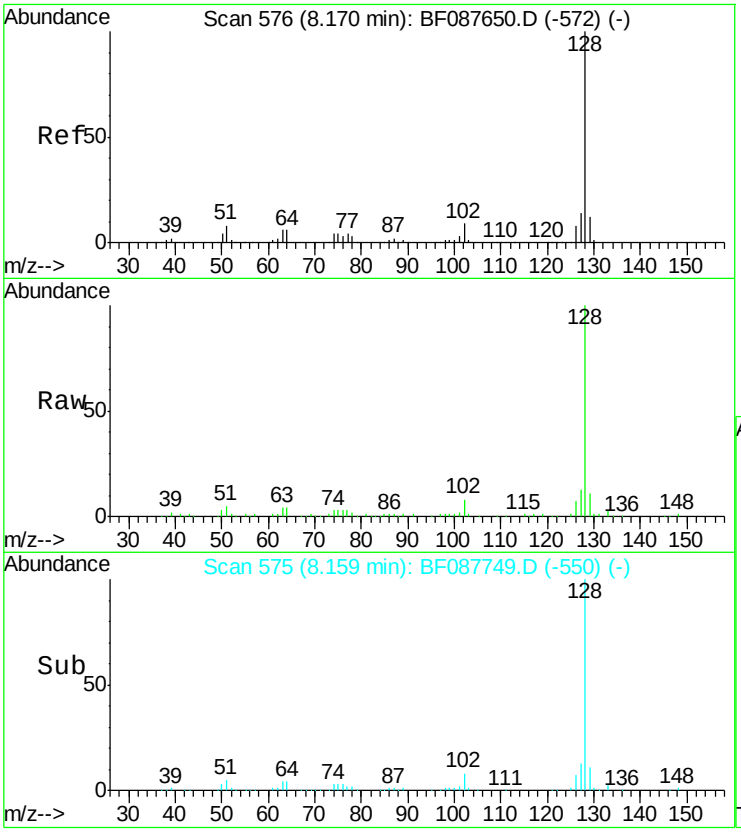


#23
Nitrobenzene-d5
Concen: 62.18 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion: 82 Resp: 679836

Ion	Ratio	Lower	Upper
82	100		
128	48.1	35.9	53.9
54	49.5	40.9	61.3



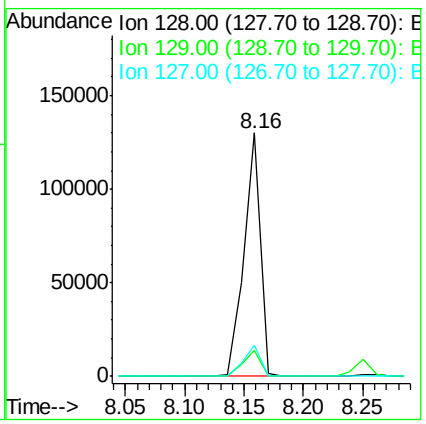


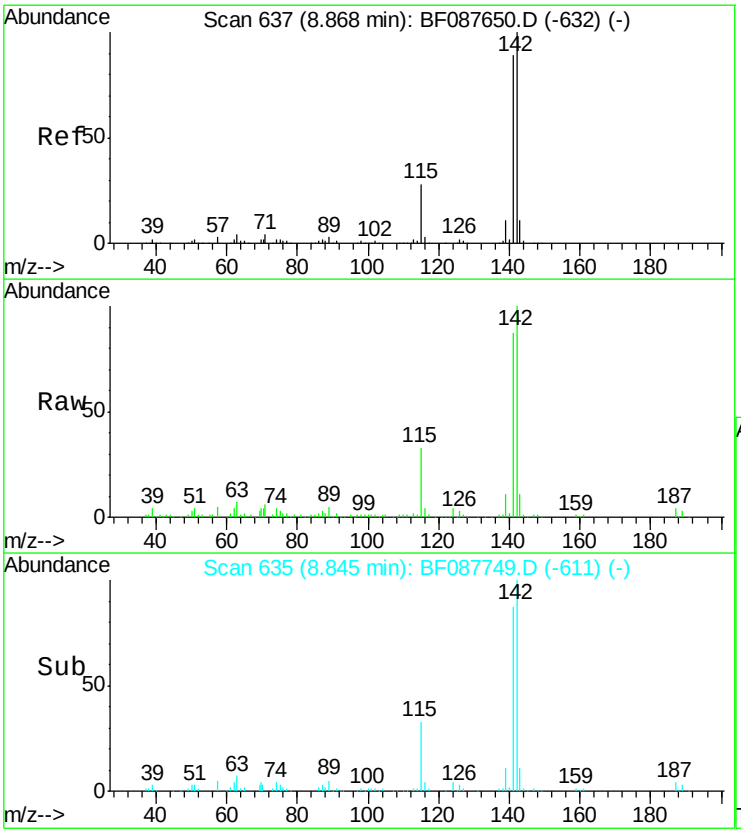
#31
Naphthalene
Concen: 4.11 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

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

Tgt Ion:128 Resp: 126433

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	12.7	10.9	16.3

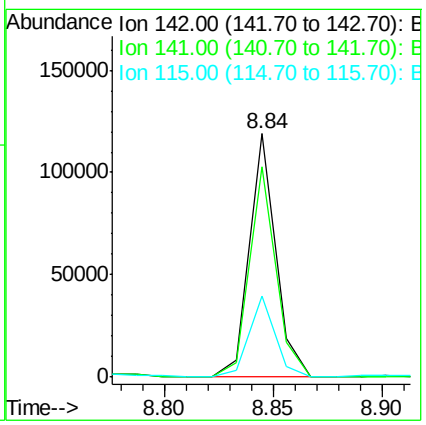


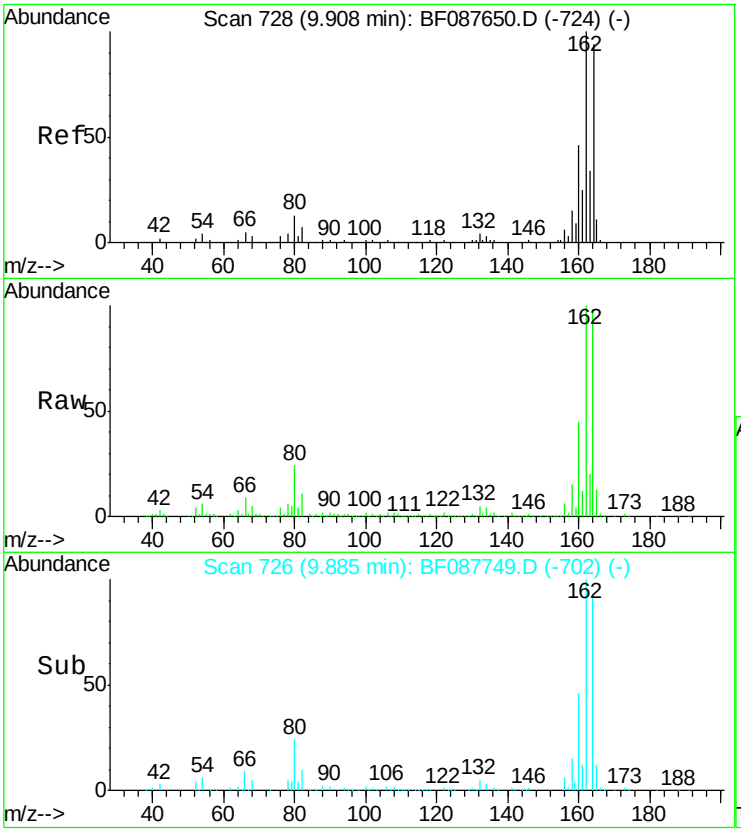


#37
2-Methylnaphthalene
Concen: 4.94 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion:142 Resp: 100280

Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.0	106.6
115	33.2	22.6	33.8



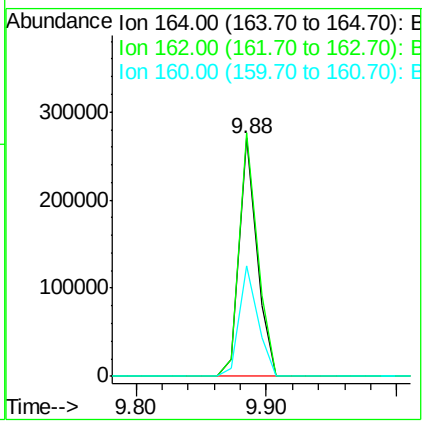


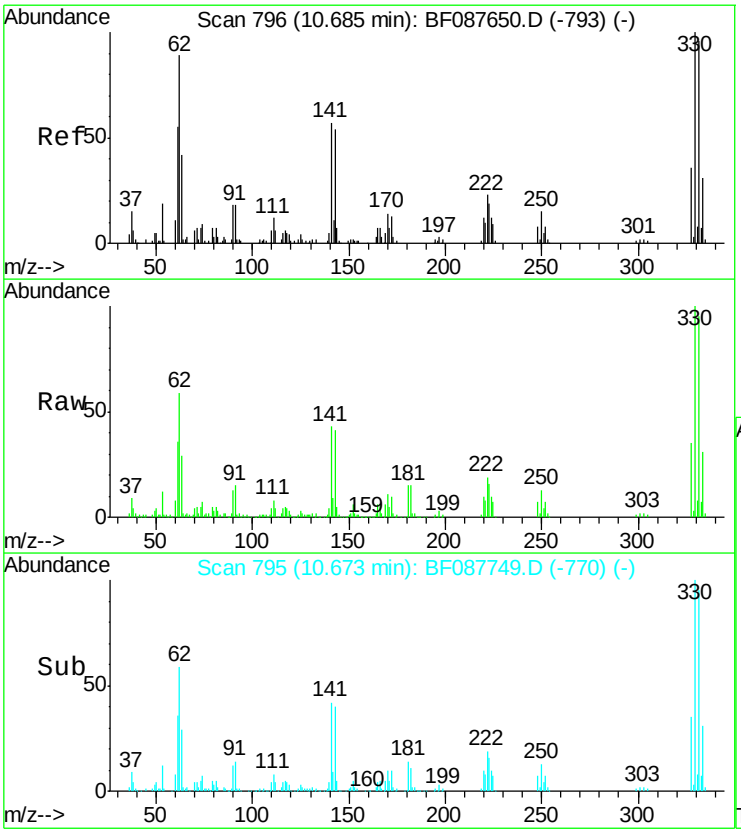
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

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

Tgt Ion:164 Resp: 254494

Ion	Ratio	Lower	Upper
164	100		
162	102.3	85.4	128.2
160	46.5	39.5	59.3

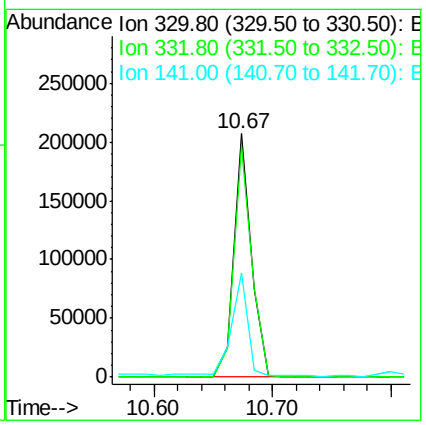


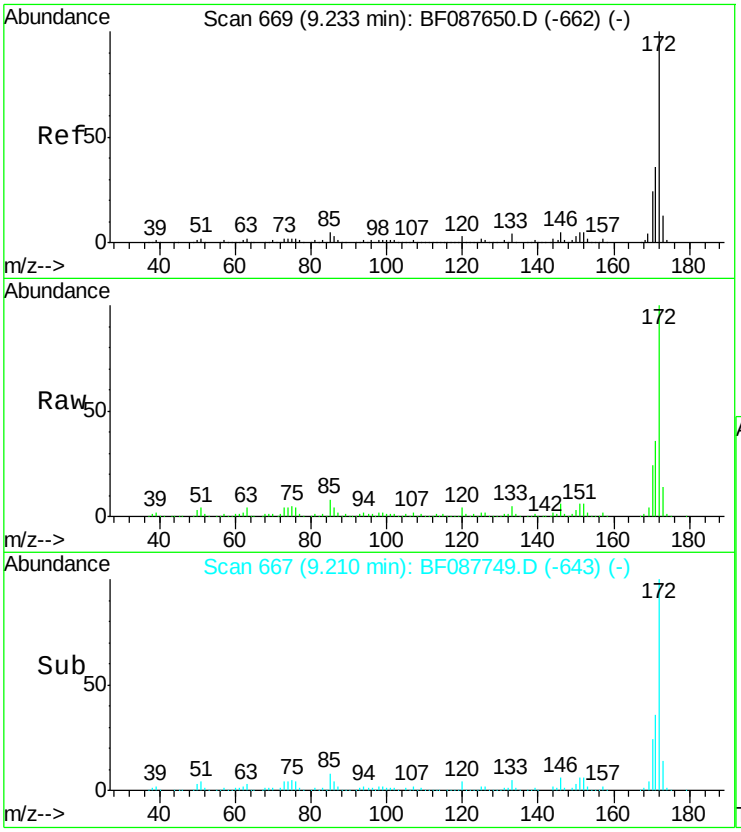


#41
2,4,6-Tribromophenol
Concen: 83.27 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion:330 Resp: 212735

Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	41.0	0.0	0.0#



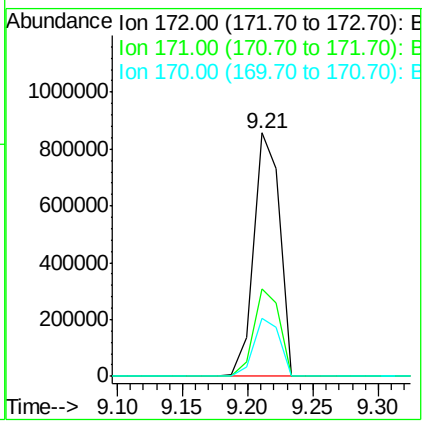


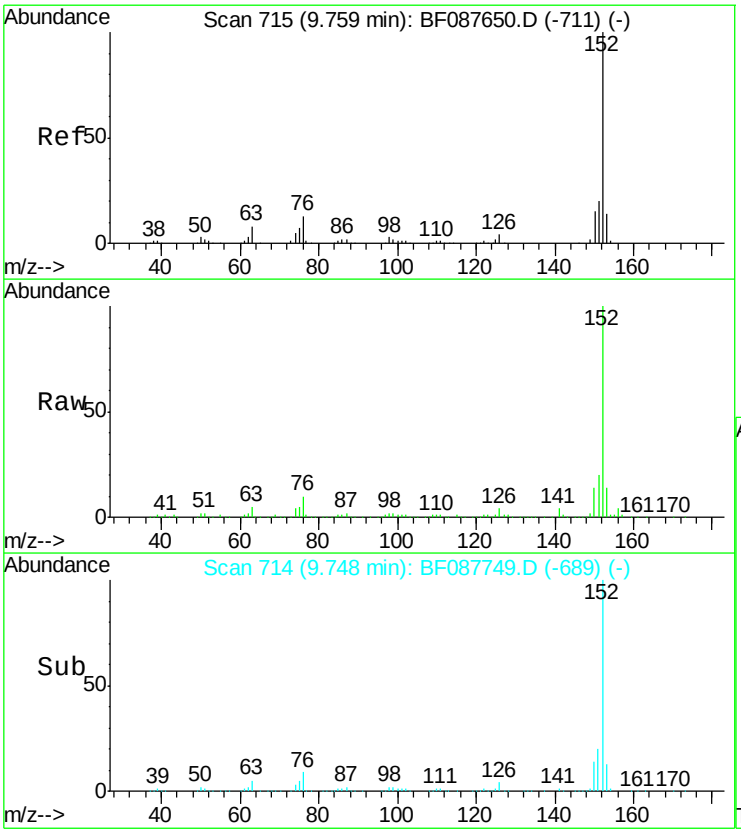
#44
2-Fluorobiphenyl
Concen: 67.21 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

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

Tgt Ion:172 Resp: 1189930

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.8	19.2	28.8

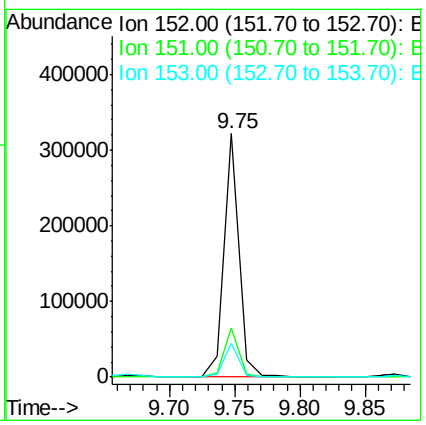


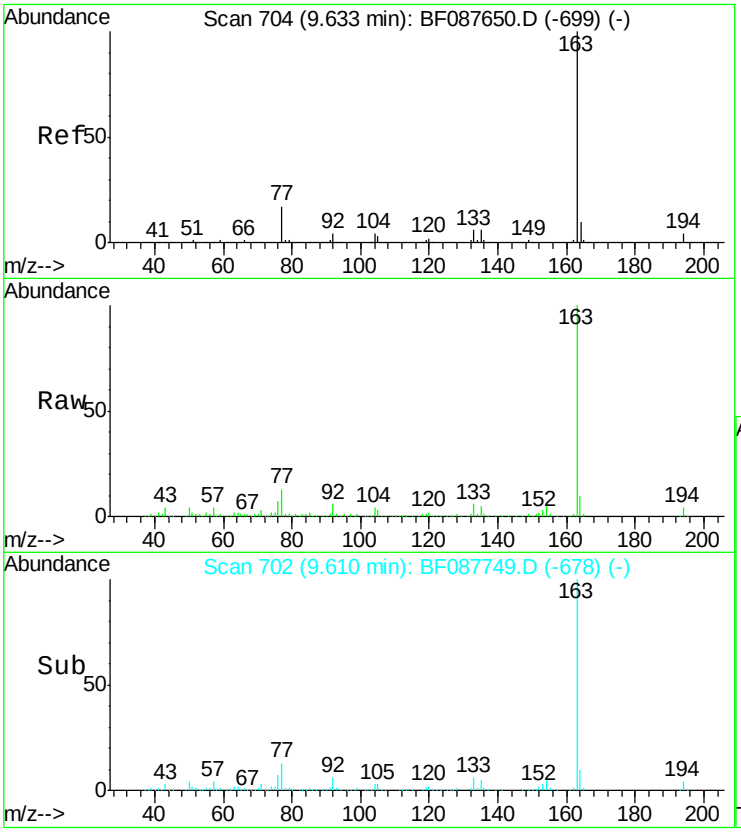


#48
Acenaphthylene
Concen: 10.15 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion:152 Resp: 260256

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.7	11.0	16.6



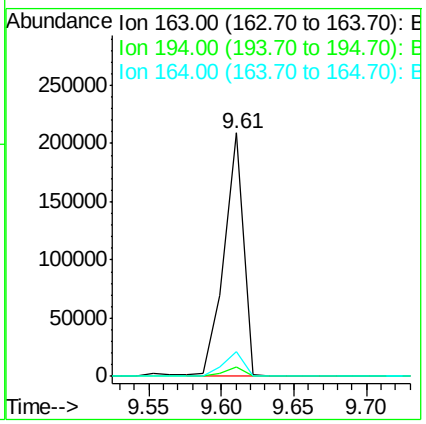


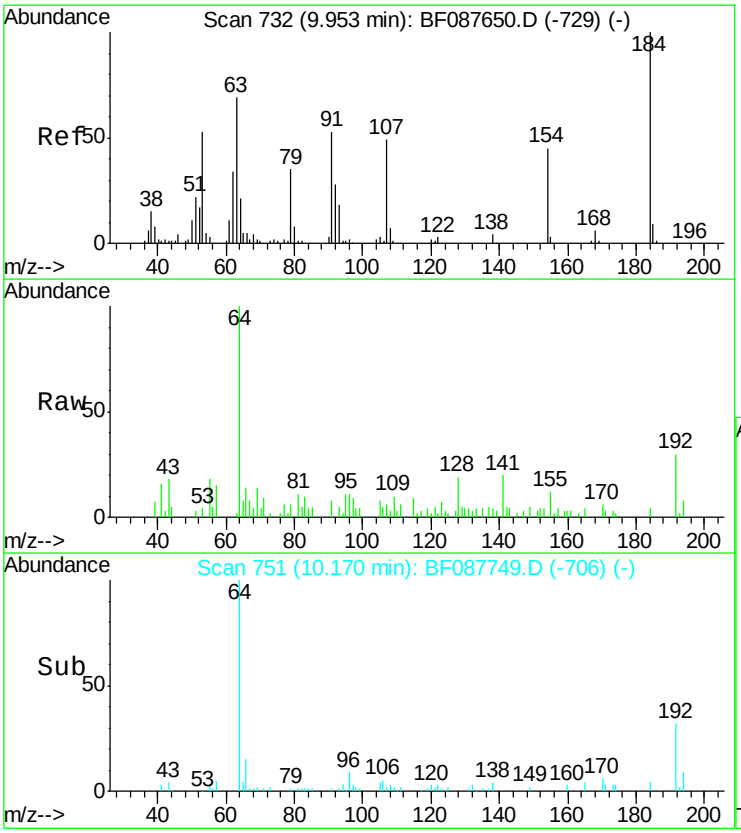
#49
Dimethylphthalate
Concen: 10.42 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

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

Tgt Ion:163 Resp: 192865

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.9	8.3	12.5

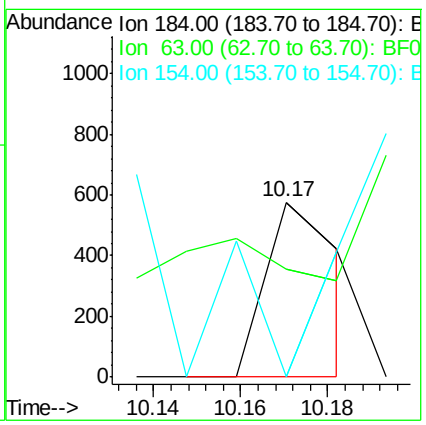


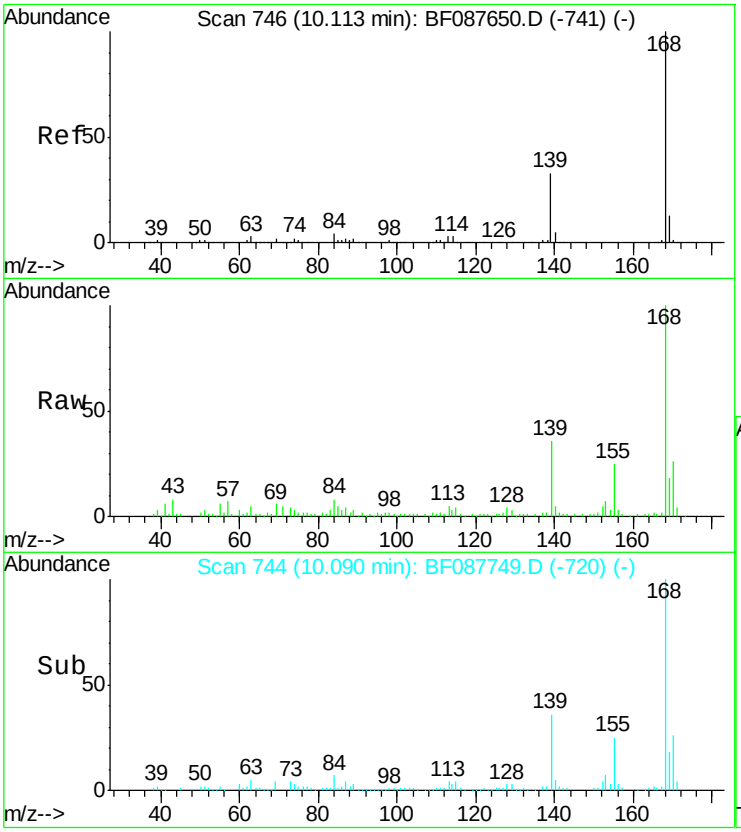


#53
2,4-Dinitrophenol
Concen: 4.22 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.22 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion:184 Resp: 684

Ion	Ratio	Lower	Upper
184	100		
63	62.1	57.6	86.4
154	0.0	53.5	80.3#



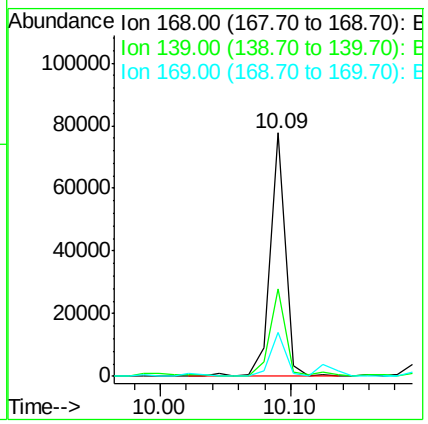


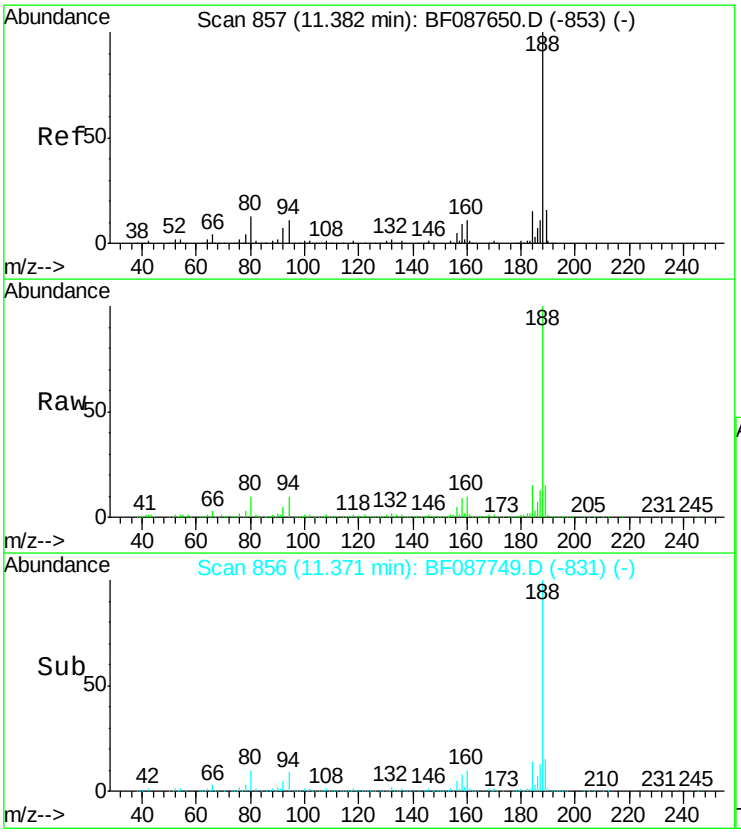
#54
Dibenzofuran
Concen: 2.83 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

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

Tgt Ion:168 Resp: 63612

Ion	Ratio	Lower	Upper
168	100		
139	35.9	26.4	39.6
169	18.2	10.4	15.6#

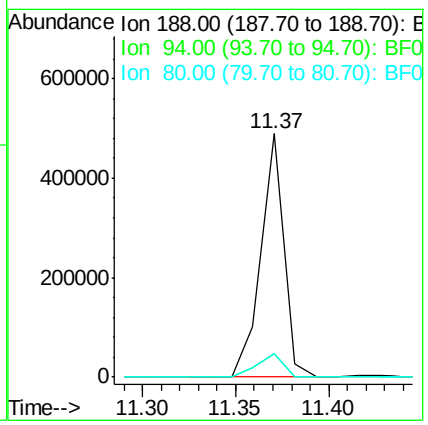


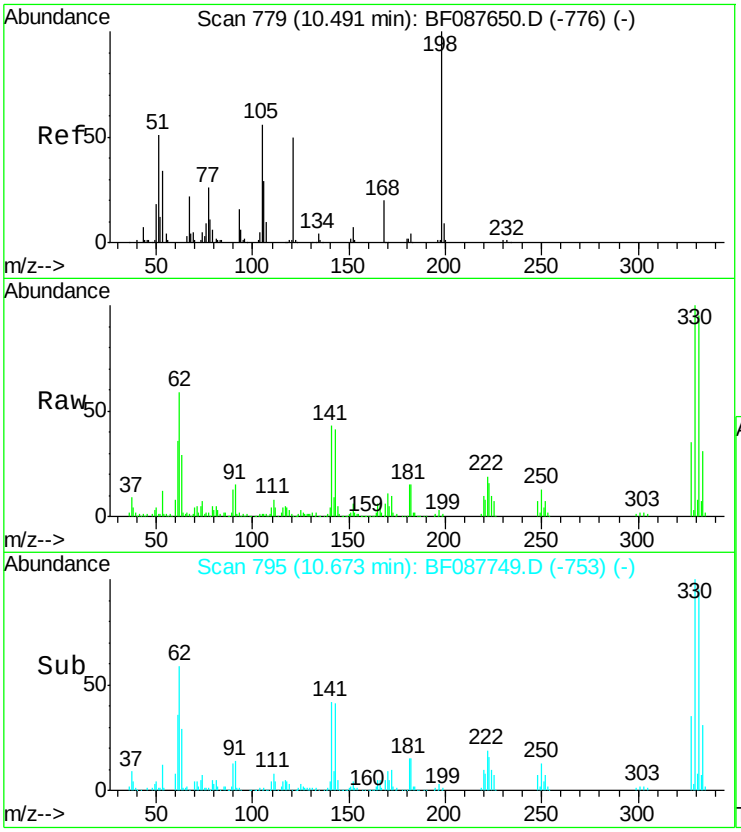


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion:188 Resp: 426815

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.6
80	9.7	10.0	15.0#



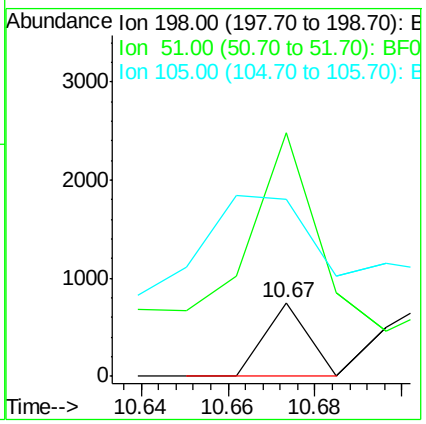


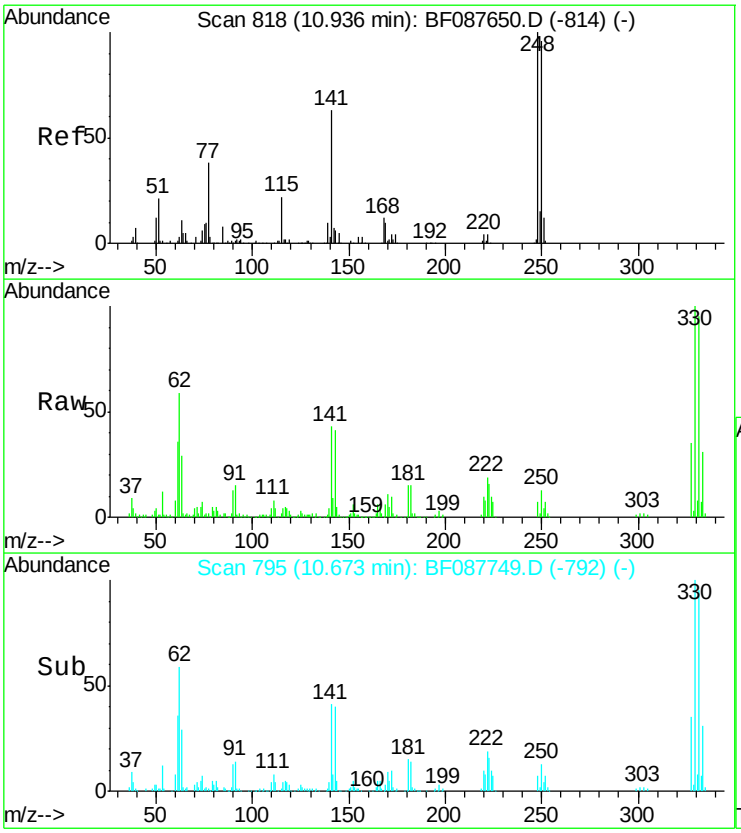
#64
4,6-Dinitro-2-methylphenol
Concen: 2.22 ng
RT: 10.67 min Scan# 795
Delta R.T. 0.18 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

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

Tgt Ion:198 Resp: 517

Ion	Ratio	Lower	Upper
198	100		
51	328.9	39.6	79.6#
105	238.7	36.6	76.6#

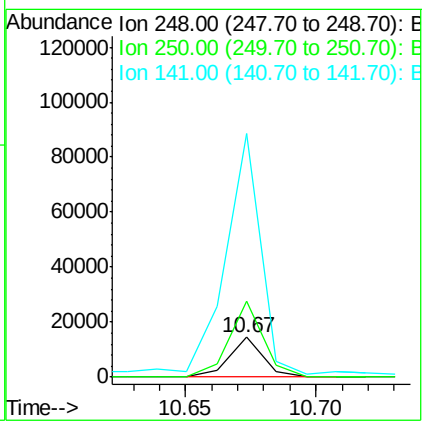


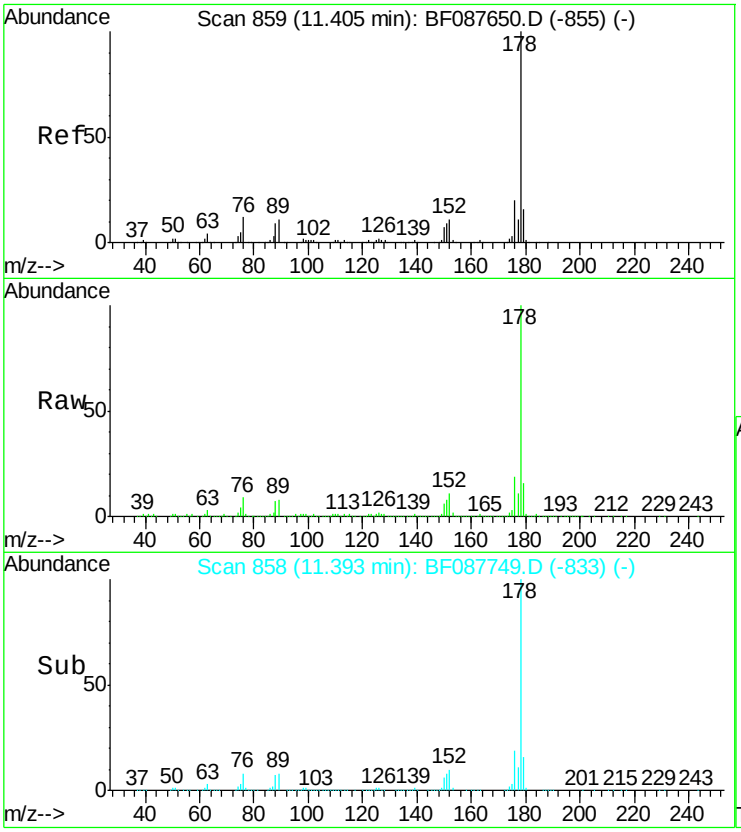


#66
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.26 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion:248 Resp: 13133

Ion	Ratio	Lower	Upper
248	100		
250	191.5	77.1	115.7#
141	610.1	50.6	76.0#



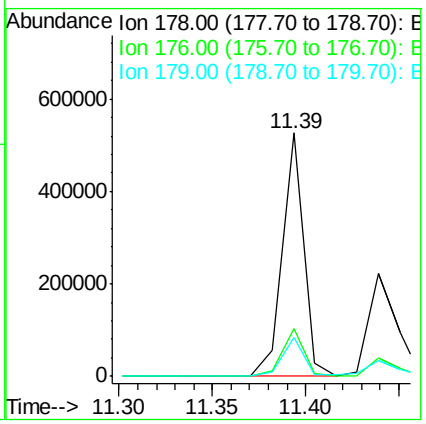


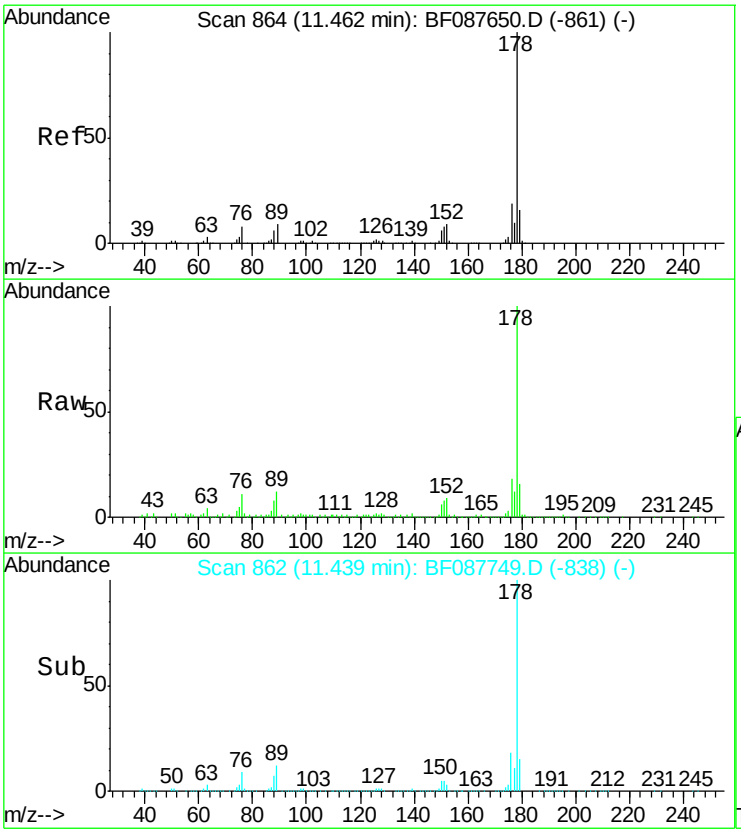
#70
Phenanthrene
Concen: 18.18 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

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

Tgt Ion:178 Resp: 420614

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	15.7	13.0	19.4

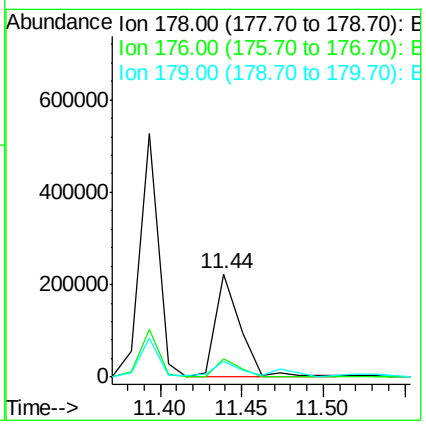


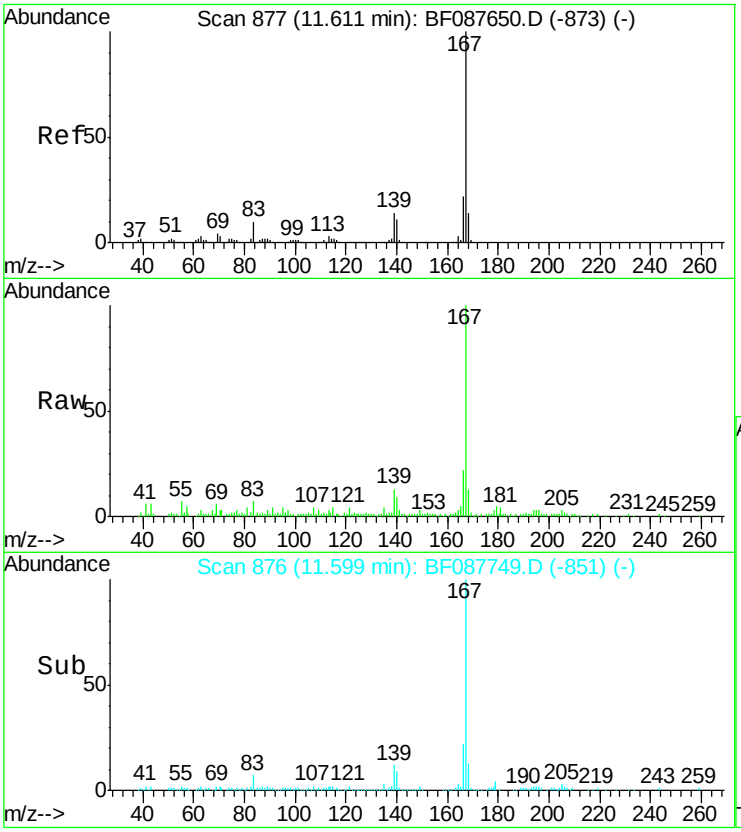


#71
Anthracene
Concen: 9.87 ng
RT: 11.44 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion:178 Resp: 228970

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	15.9	12.8	19.2



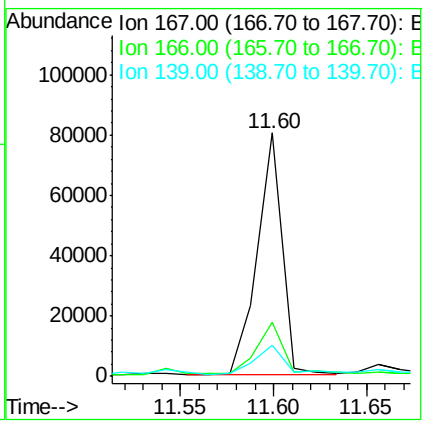


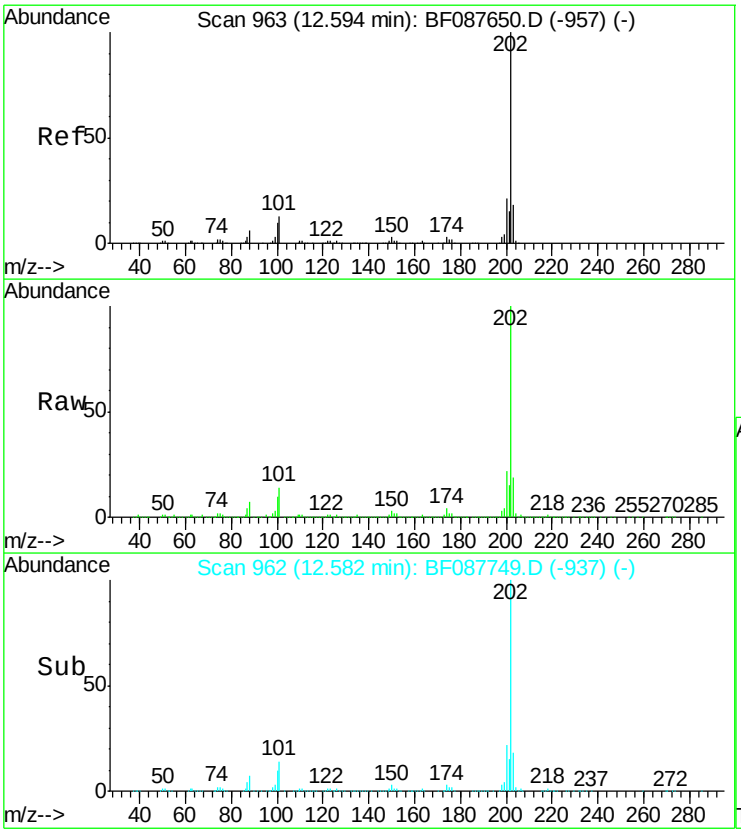
#72
Carbazole
Concen: 3.34 ng
RT: 11.60 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

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

Tgt Ion:167 Resp: 73300

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	12.7	11.2	16.8

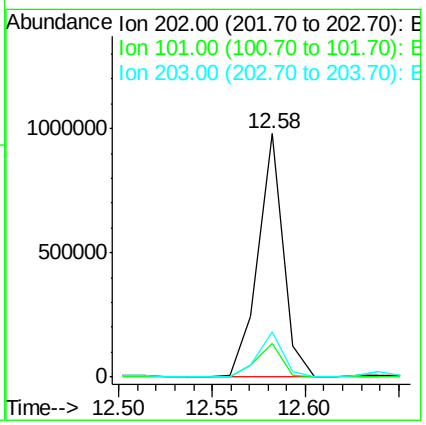


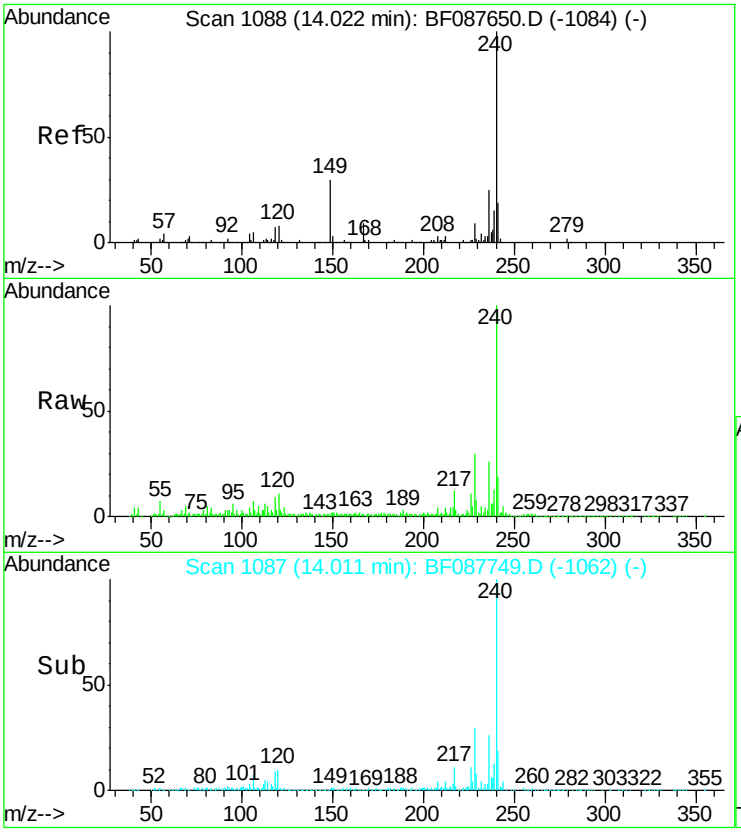


#74
Fluoranthene
Concen: 40.65 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion:202 Resp: 925631

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.1
203	18.5	0.0	38.1



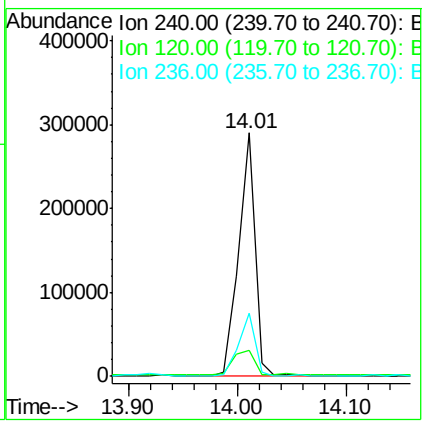


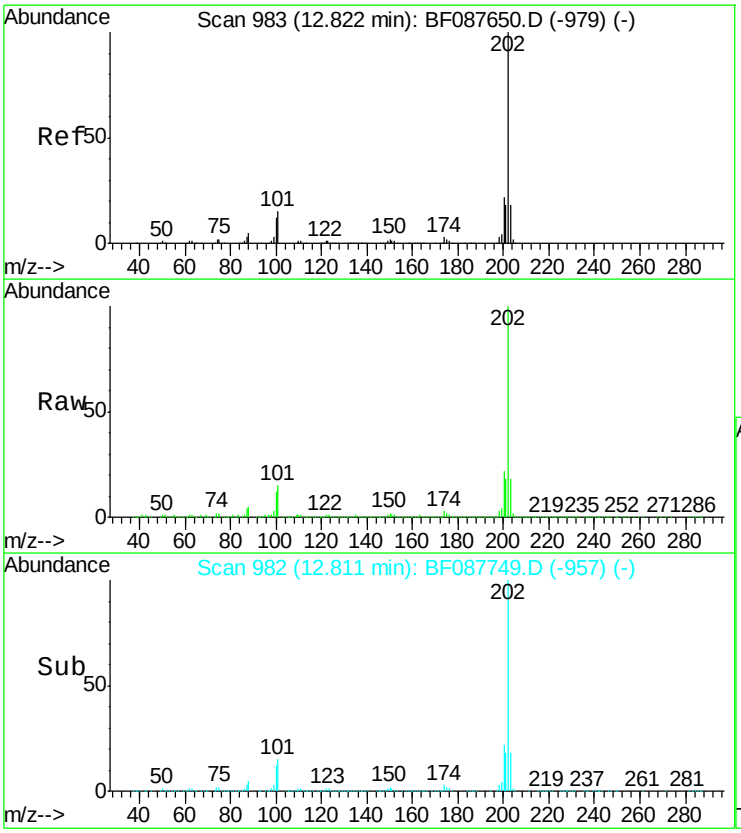
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

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

Tgt Ion:240 Resp: 297364

Ion	Ratio	Lower	Upper
240	100		
120	10.8	6.8	10.2#
236	25.9	20.2	30.2

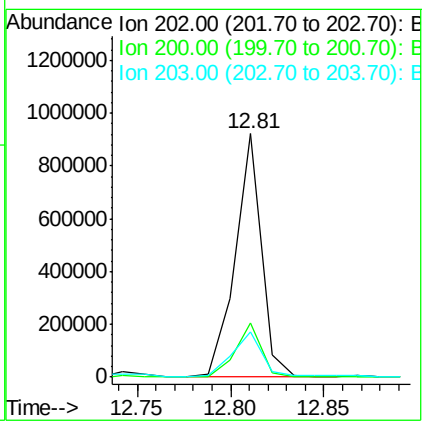


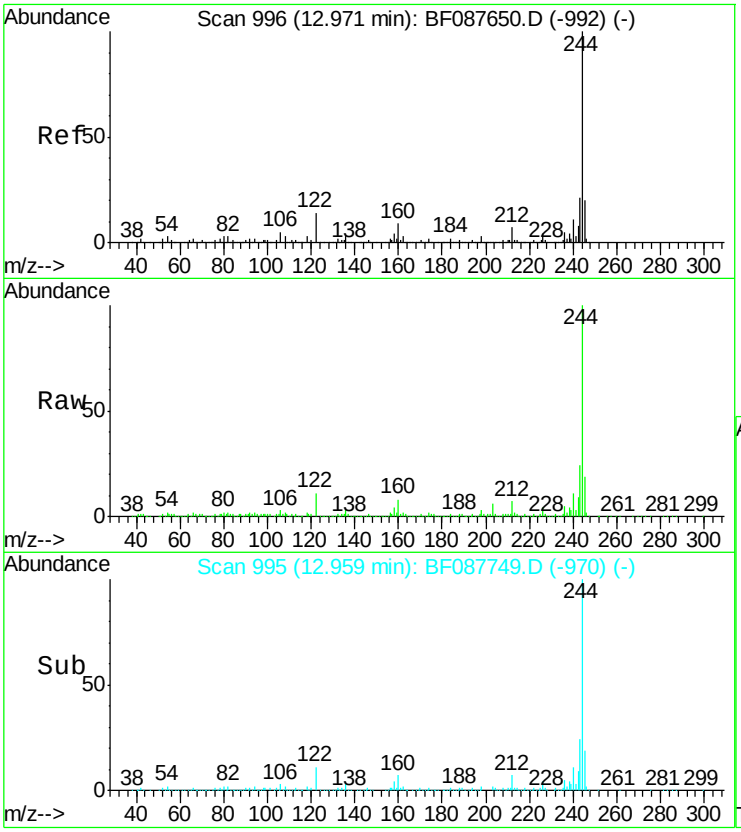


#77
Pyrene
Concen: 42.55 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion:202 Resp: 901056

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.4	14.5	21.7



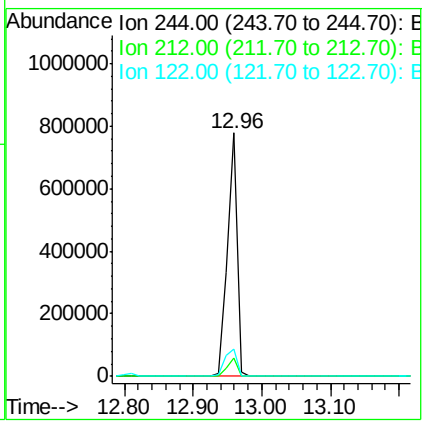


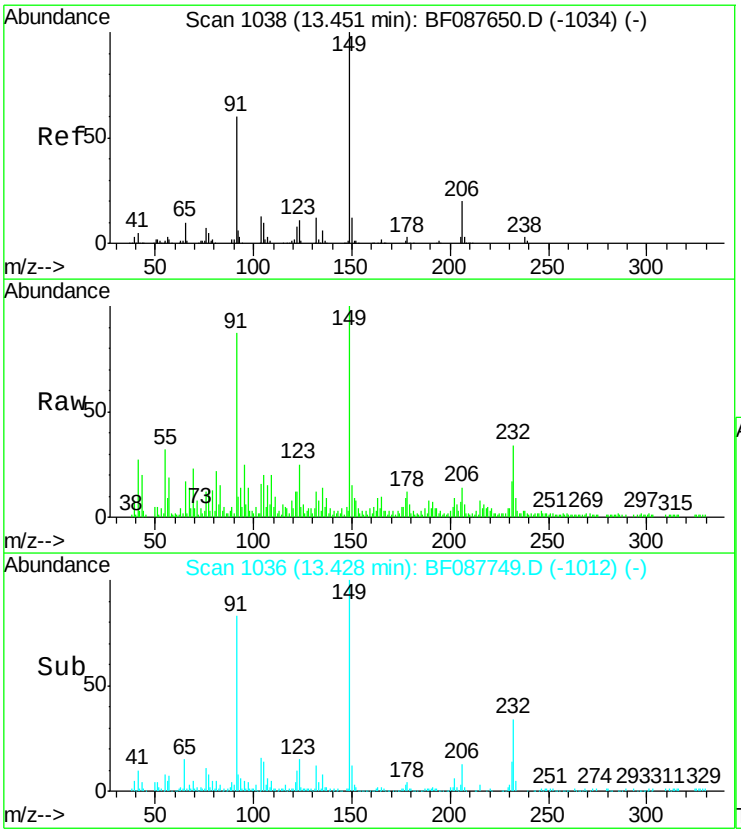
#78
Terphenyl-d14
Concen: 64.20 ng
RT: 12.96 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

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

Tgt Ion:244 Resp: 782420

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.1	11.2	16.8#

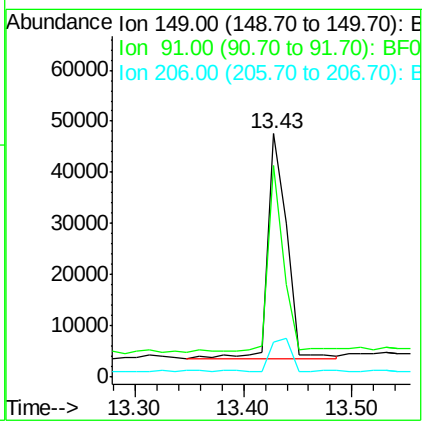


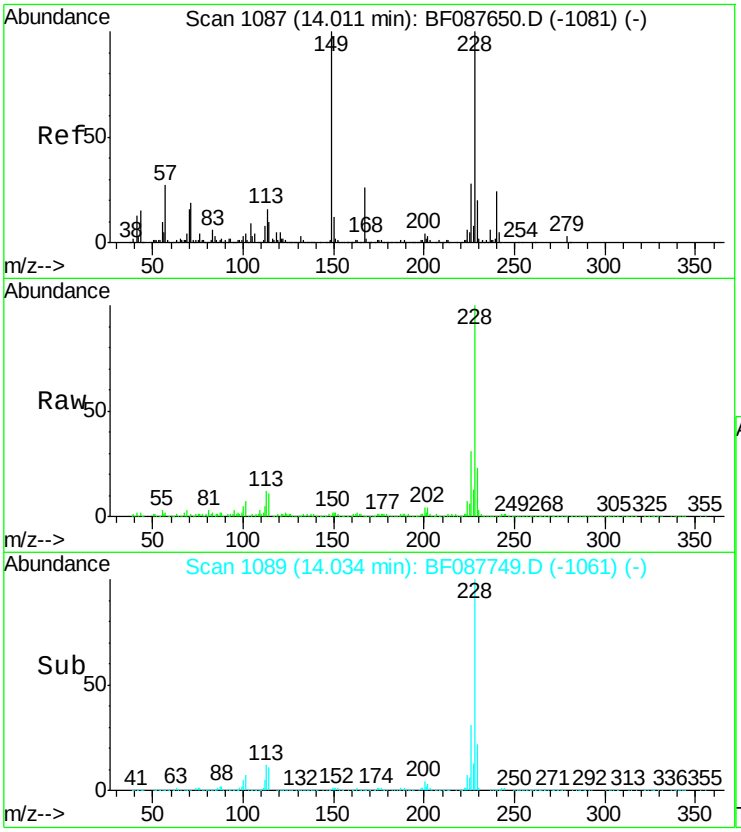


#79
Butylbenzylphthalate
Concen: 5.77 ng
RT: 13.43 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion:149 Resp: 52020

Ion	Ratio	Lower	Upper
149	100		
91	87.1	48.0	72.0#
206	14.4	16.0	24.0#



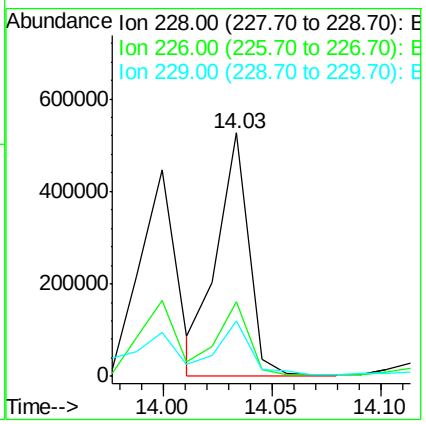


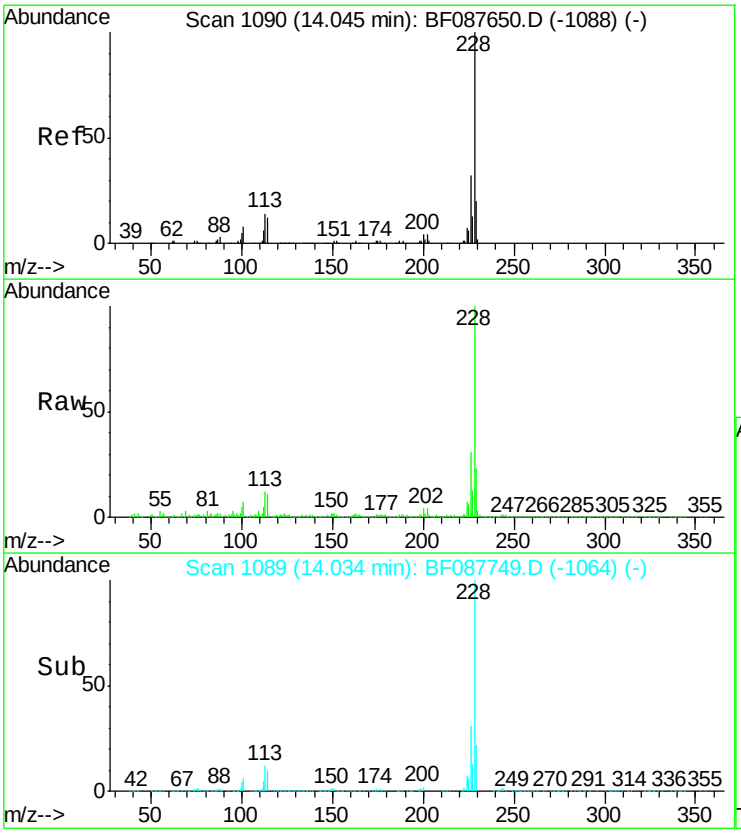
#80
Benzo(a)anthracene
Concen: 30.80 ng
RT: 14.03 min Scan# 1089
Delta R.T. 0.02 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

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

Tgt Ion:228 Resp: 528552

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.3	33.5
229	22.9	16.0	24.0

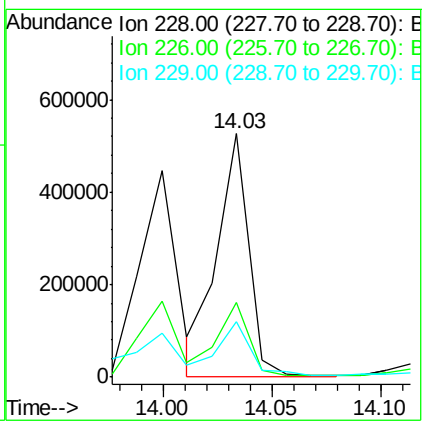


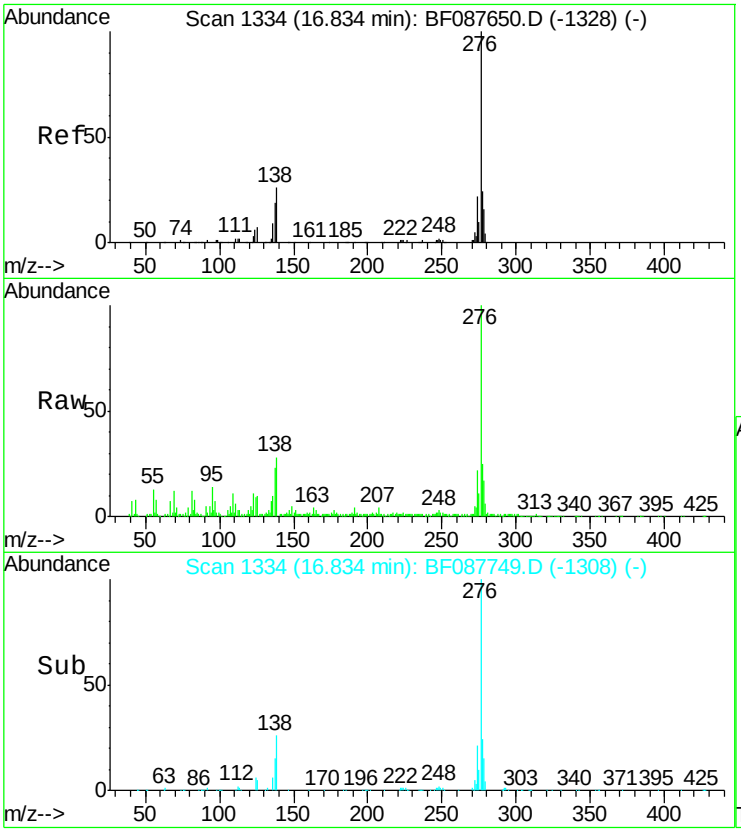


#82
Chrysene
Concen: 30.96 ng
RT: 14.03 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion:228 Resp: 528797

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.2
229	22.9	16.3	24.5



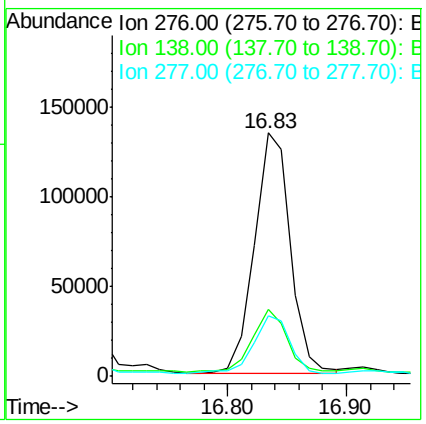


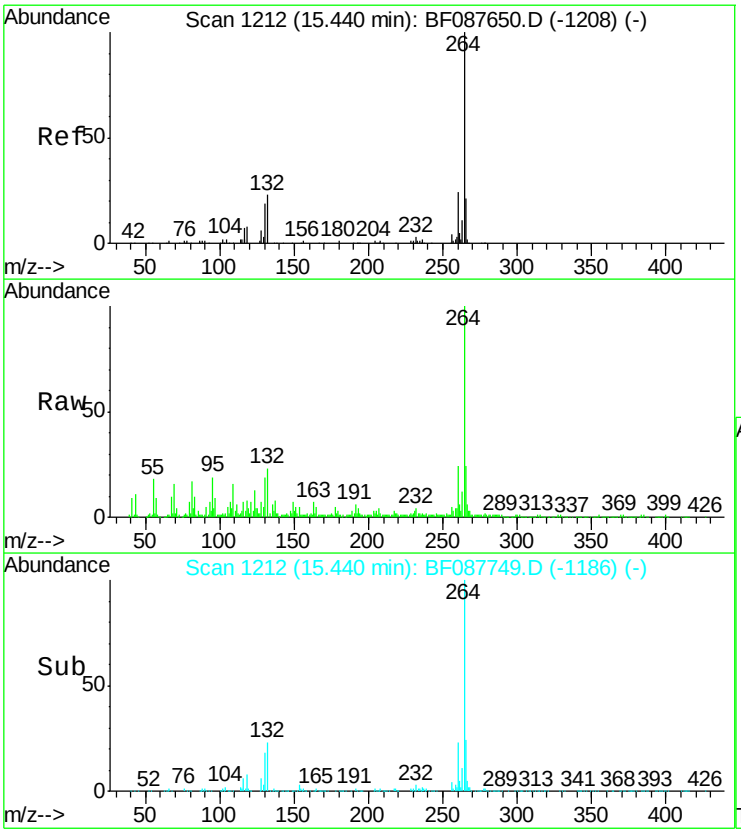
#85
Indeno(1,2,3-cd)pyrene
Concen: 19.97 ng
RT: 16.83 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

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

Tgt Ion:276 Resp: 281909

Ion	Ratio	Lower	Upper
276	100		
138	24.5	0.0	0.0#
277	24.8	0.0	0.0#

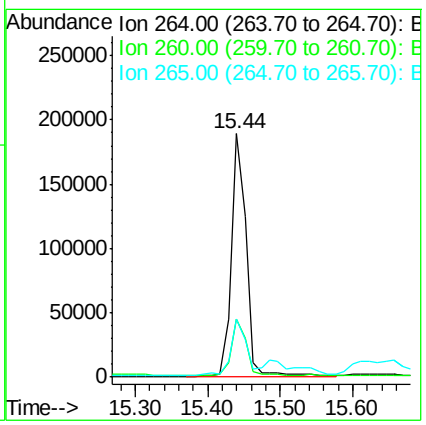


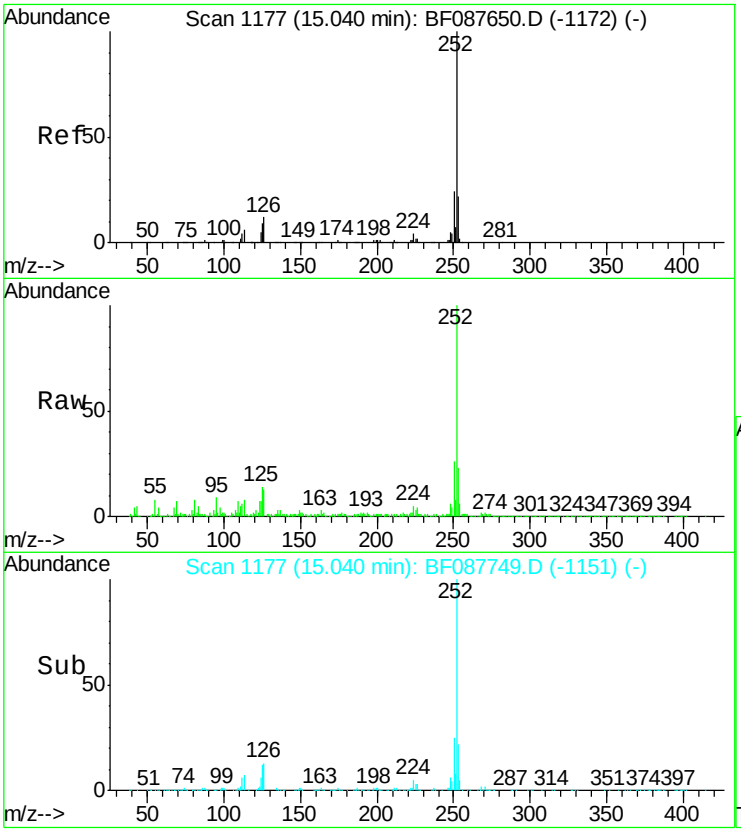


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion:264 Resp: 265286

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	24.0	16.9	25.3



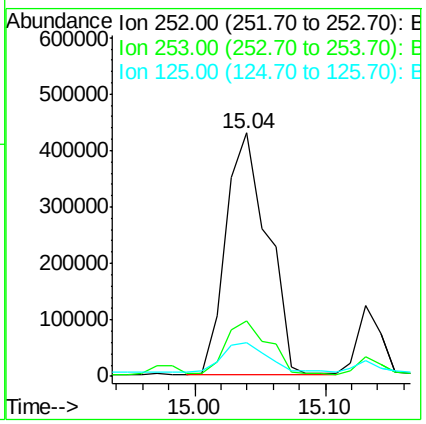


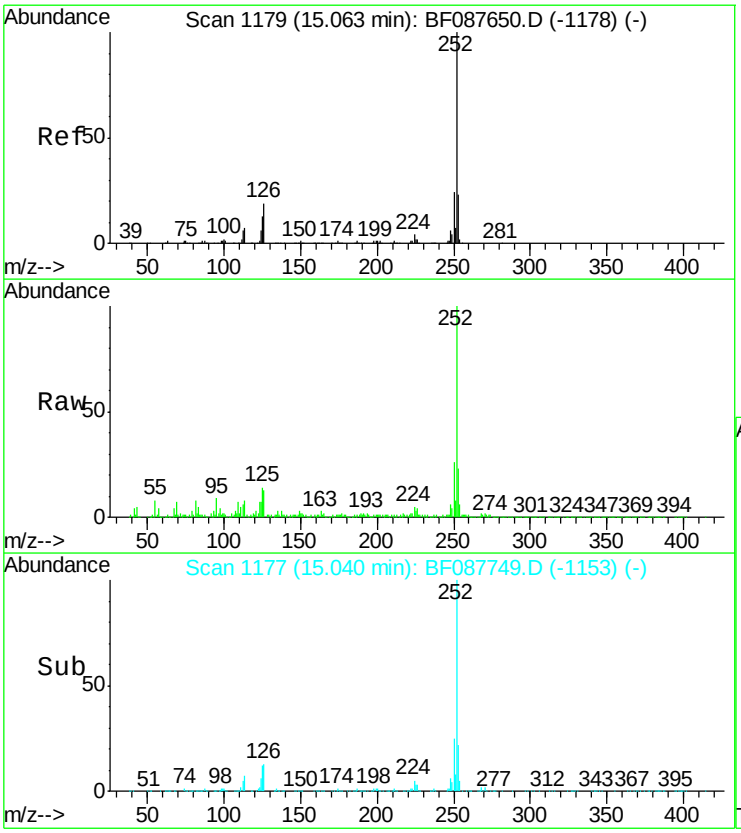
#87
Benzo(b)fluoranthene
Concen: 55.68 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

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

Tgt Ion:252 Resp: 960903

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	14.0	7.1	10.7#

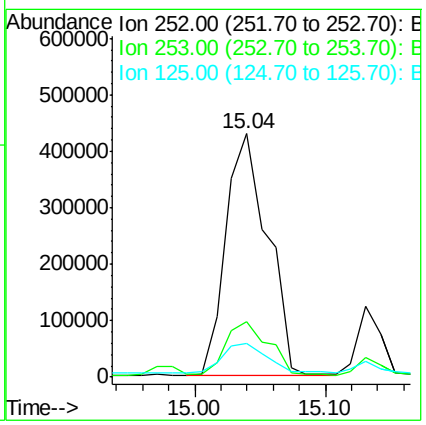


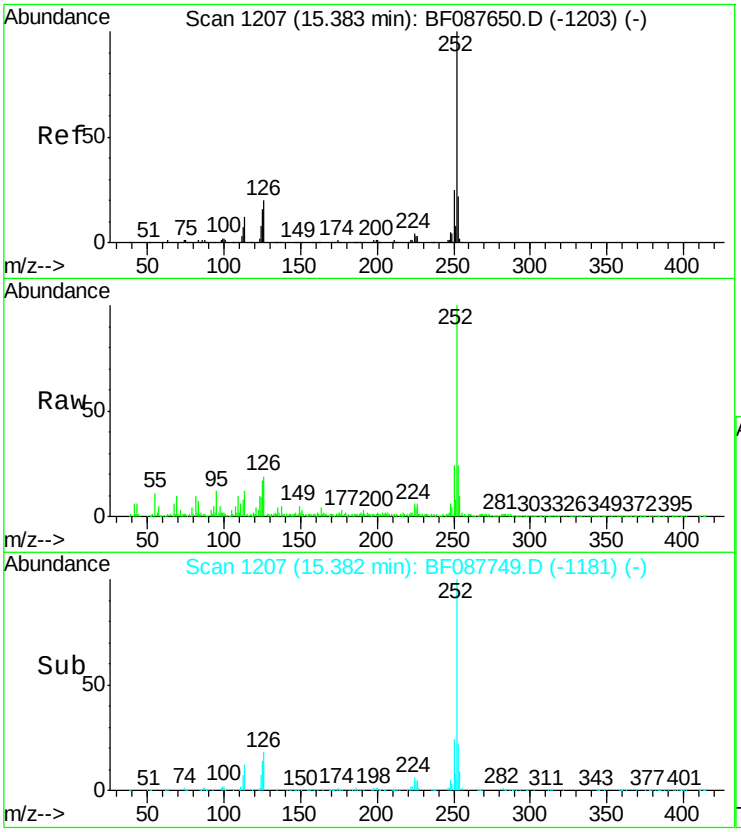


#88
Benzo(k)fluoranthene
Concen: 66.92 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion:252 Resp: 960903

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	14.0	11.2	16.8



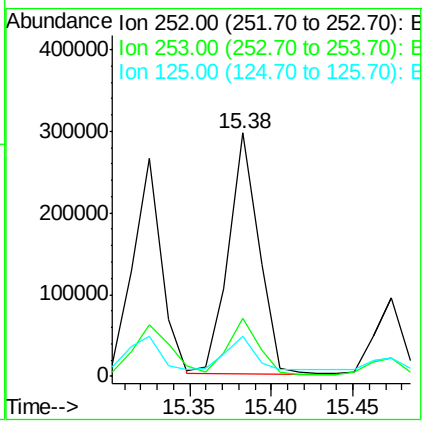


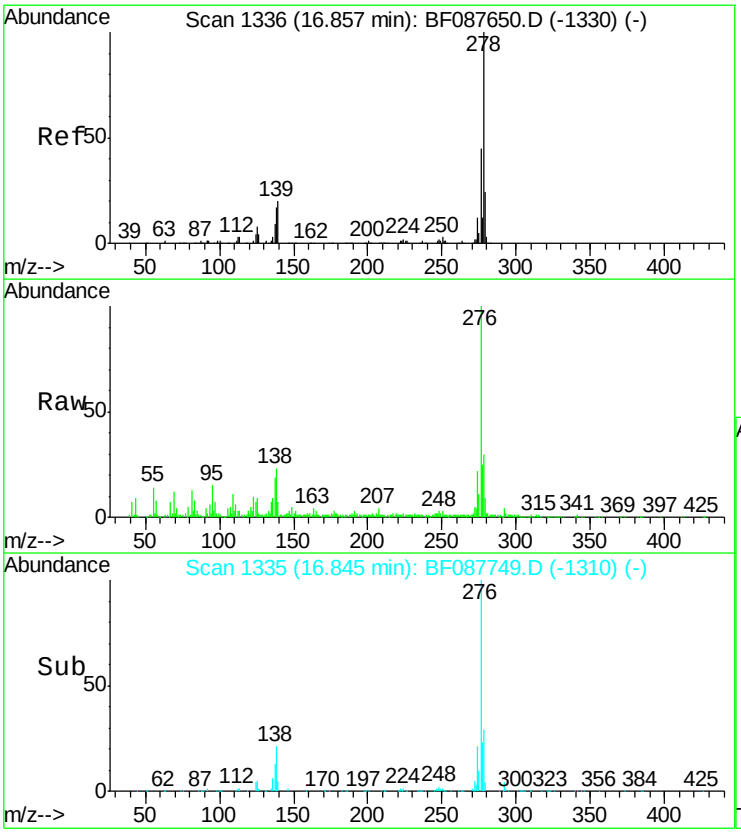
#89
Benzo(a)pyrene
Concen: 26.11 ng
RT: 15.38 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

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

Tgt Ion:252 Resp: 378773

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	16.6	12.5	18.7

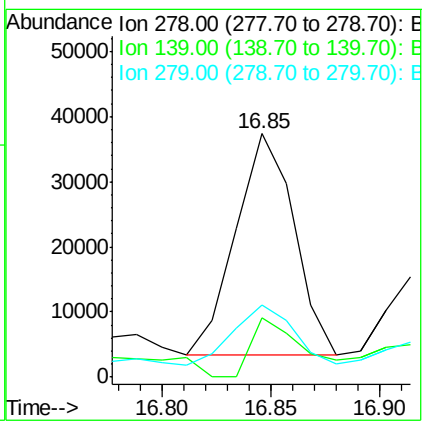


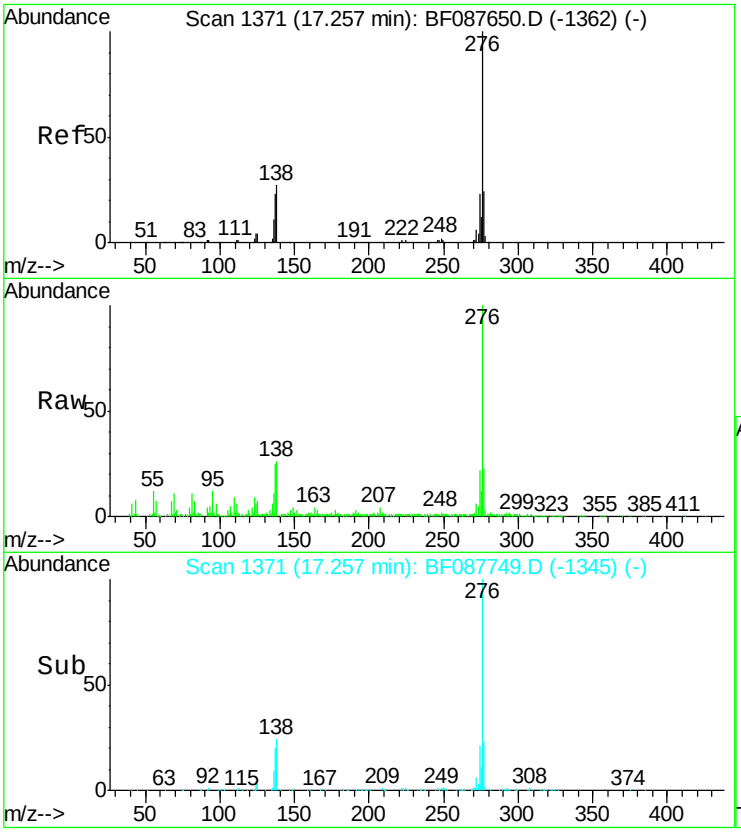


#90
Dibenzo(a,h)anthracene
Concen: 5.16 ng
RT: 16.85 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion:278 Resp: 63709

Ion	Ratio	Lower	Upper
278	100		
139	24.2	15.7	23.5#
279	29.4	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 20.49 ng
RT: 17.26 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

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

Tgt Ion:276 Resp: 255179

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	25.6	21.4	32.2