Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088421.D
Acq On : 26 Jun 2016 16:32
Operator : UM/SJ
Sample : H3663-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 27 03:55:23 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	6.55	152	72509	20.00	ng		-0.06
21) Naphthalene-d8	7.84	136	296685	20.00	ng		-0.06
38) Acenaphthene-d10	9.58	164	141943	20.00	ng		-0.07
63) Phenanthrene-d10	11.05	188	252508	20.00	ng		-0.07
75) Chrysene-d12	13.68	240	183546	20.00	ng		-0.07
86) Perylene-d12	15.03	264	167042	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	585369	138.01	ng		-0.03
7) Phenol-d6	6.22	99	683761	133.02	ng		-0.05
23) Nitrobenzene-d5	7.12	82	433561	85.33	ng		-0.06
41) 2,4,6-Tribromophenol	10.36	330	169210	112.90	ng		-0.07
44) 2-Fluorobiphenyl	8.91	172	807772	89.71	ng		-0.06
78) Terphenyl-d14	12.64	244	706863	87.63	ng		-0.06
Target Compounds							Qvalue
10) Phenol	6.23	94	2680	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.12	70	53337	16.22	ng	#	72
25) Isophorone	7.12	82	426972	45.37	ng	#	65
31) Naphthalene	7.85	128	55072	3.75	ng		99
45) 1,1'-Biphenyl	9.02	154	3149	Below Cal			94
49) Dimethylphthalate	9.31	163	126520	12.30	ng		99
51) Acenaphthene	9.61	154	40387	4.43	ng		98
54) Dibenzofuran	9.78	168	27603	2.20	ng	#	90
55) 4-Nitrophenol	9.78	139	9787	4.64	ng	#	5
56) 2,4-Dinitrotoluene	9.58	165	17553	5.80	ng	#	38
57) Fluorene	10.12	166	35872	Below Cal			99
64) 4,6-Dinitro-2-methylphenol	10.36	198	228	2.30	ng	#	1
66) 4-Bromophenyl-phenylether	10.36	248	10175	3.76	ng	#	1
70) Phenanthrene	11.07	178	366748	27.68	ng		98
71) Anthracene	11.13	178	126757	9.48	ng		98
72) Carbazole	11.30	167	62981	5.04	ng		99
74) Fluoranthene	12.26	202	589254	42.14	ng		97
76) Benzidine	12.64	184	10194	2.01	ng	#	91
77) Pyrene	12.48	202	501301	36.81	ng		96
80) Benzo(a)anthracene	13.67	228	294645	28.17	ng		98
82) Chrysene	13.70	228	243762	24.77	ng		97
85) Indeno(1,2,3-cd)pyrene	16.26	276	197102	21.56	ng	#	100
87) Benzo(b)fluoranthene	14.67	252	492885	42.33	ng	#	96
88) Benzo(k)fluoranthene	14.67	252	492885	56.12	ng		99
89) Benzo(a)pyrene	14.93	252	192135	20.40	ng		97
90) Dibenzo(a,h)anthracene	16.40	278	34463	3.94	ng		94
91) Benzo(g,h,i)perylene	16.62	276	211599	23.51	ng		98

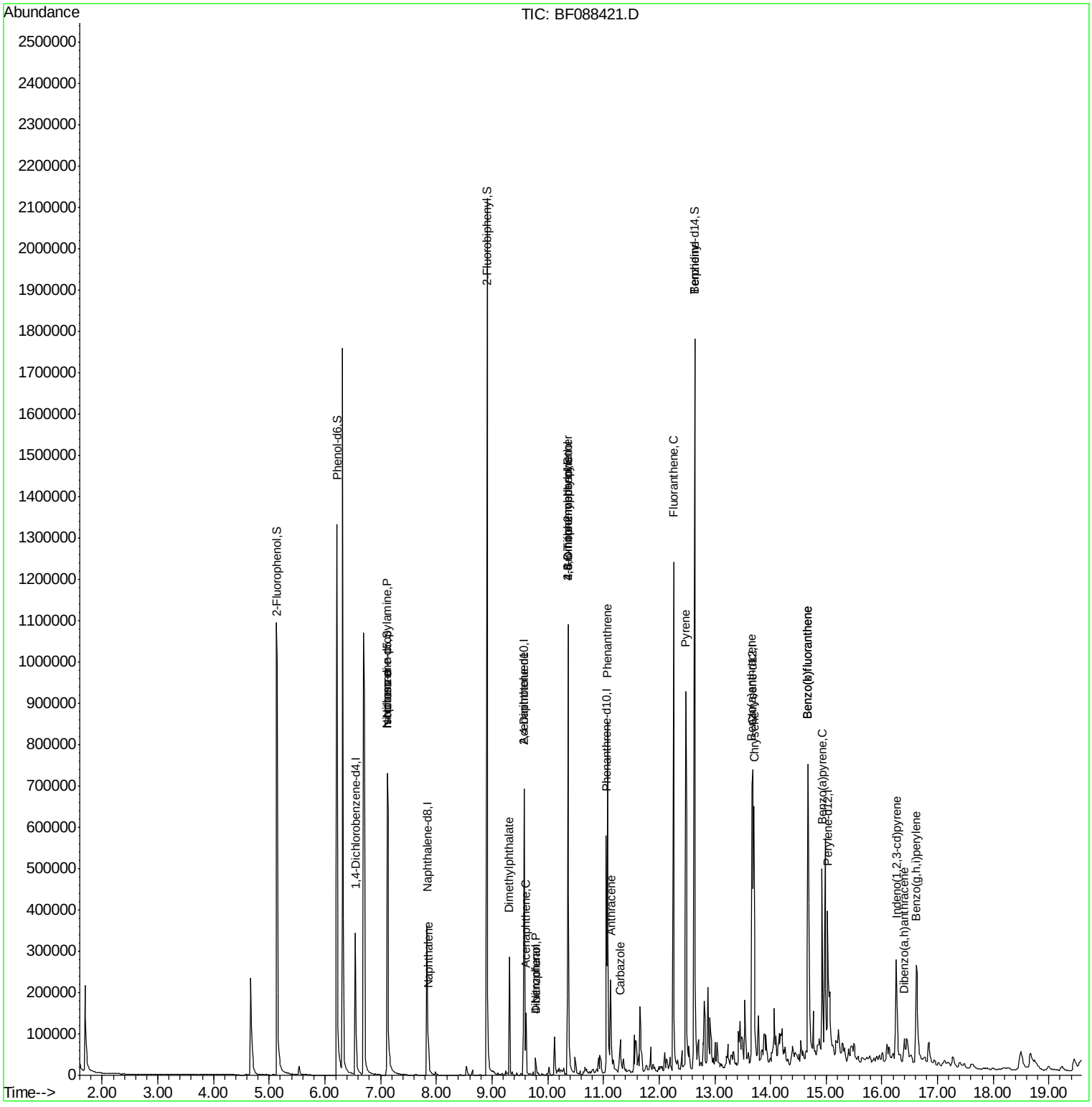
(#) = qualifier out of range (m) = manual integration (+) = signals summed

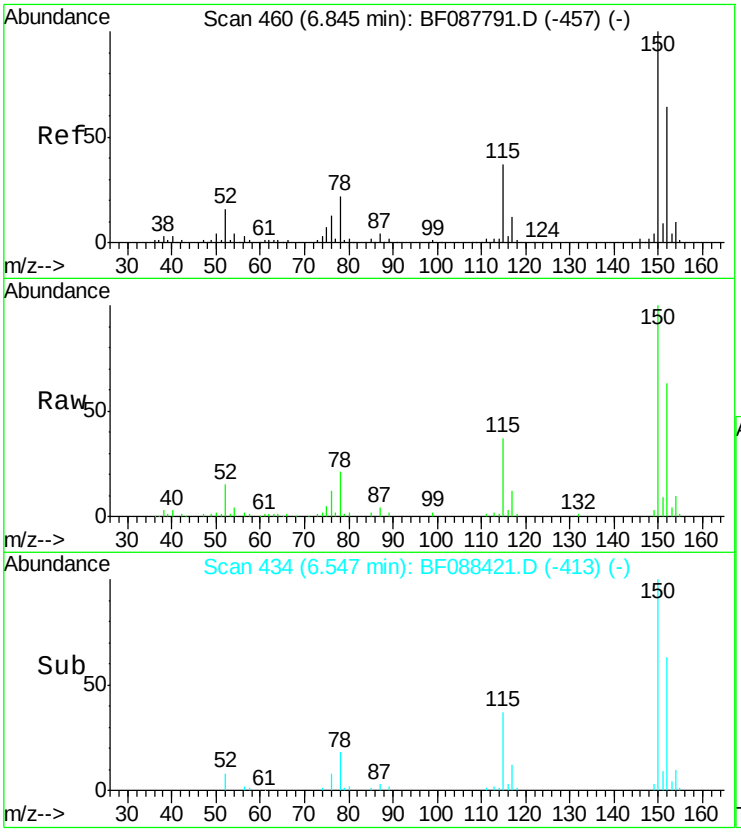
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088421.D
Acq On : 26 Jun 2016 16:32
Operator : UM/SJ
Sample : H3663-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 27 03:55:23 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



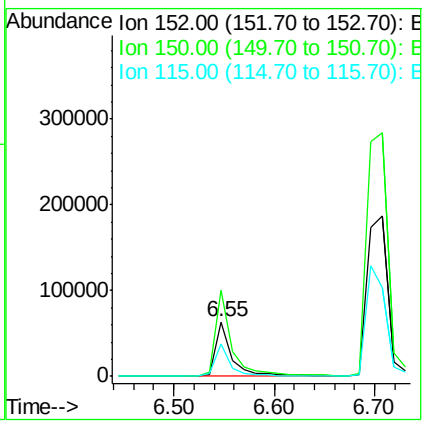


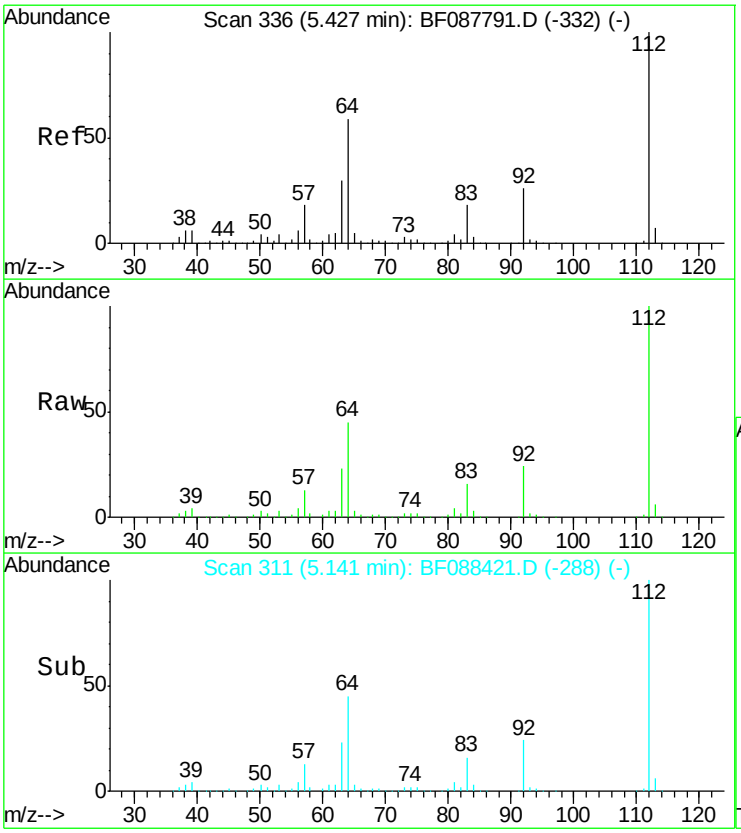
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 72509

Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.8	185.6
115	58.5	39.6	59.4

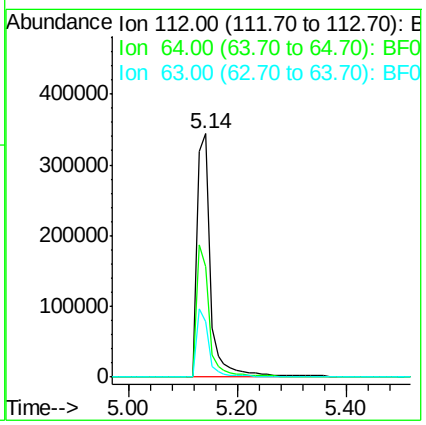


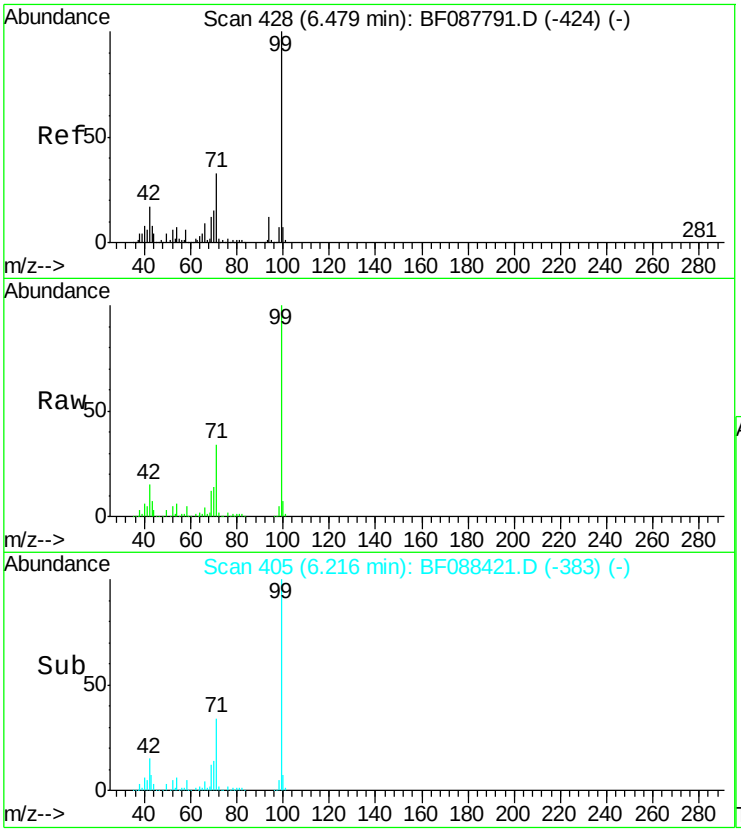


#5
2-Fluorophenol
Concen: 138.01 ng
RT: 5.14 min Scan# 311
Delta R.T. -0.03 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion:112 Resp: 585369

Ion	Ratio	Lower	Upper
112	100		
64	45.4	42.2	63.2
63	23.0	21.8	32.8



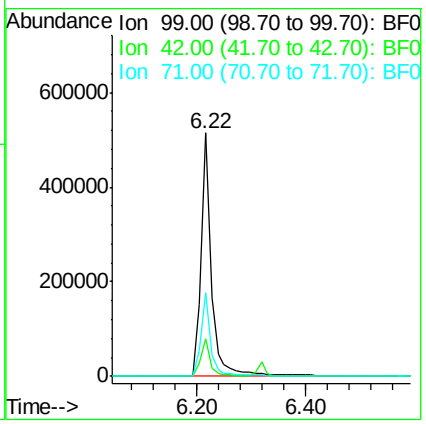


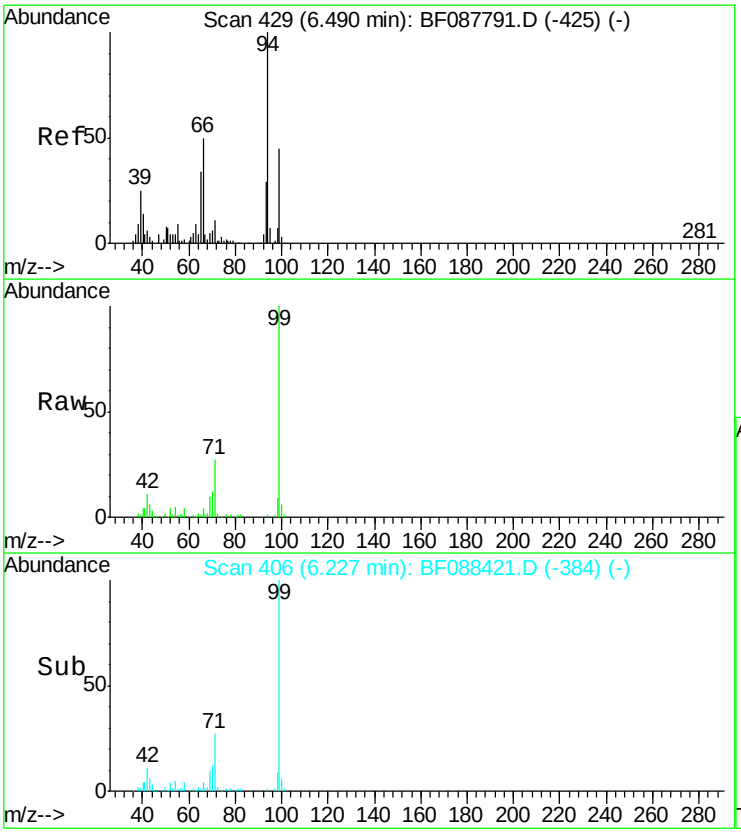
#7
Phenol-d6
Concen: 133.02 ng
RT: 6.22 min Scan# 405
Delta R.T. -0.05 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 683761

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.2	18.2
71	34.1	23.4	35.0

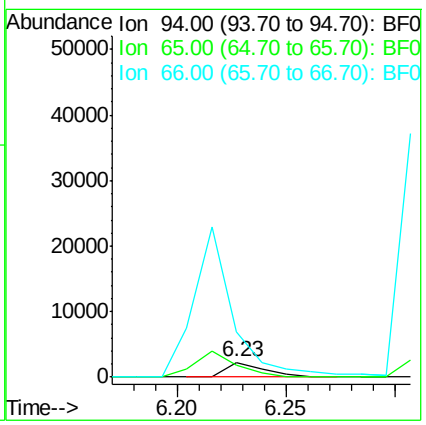


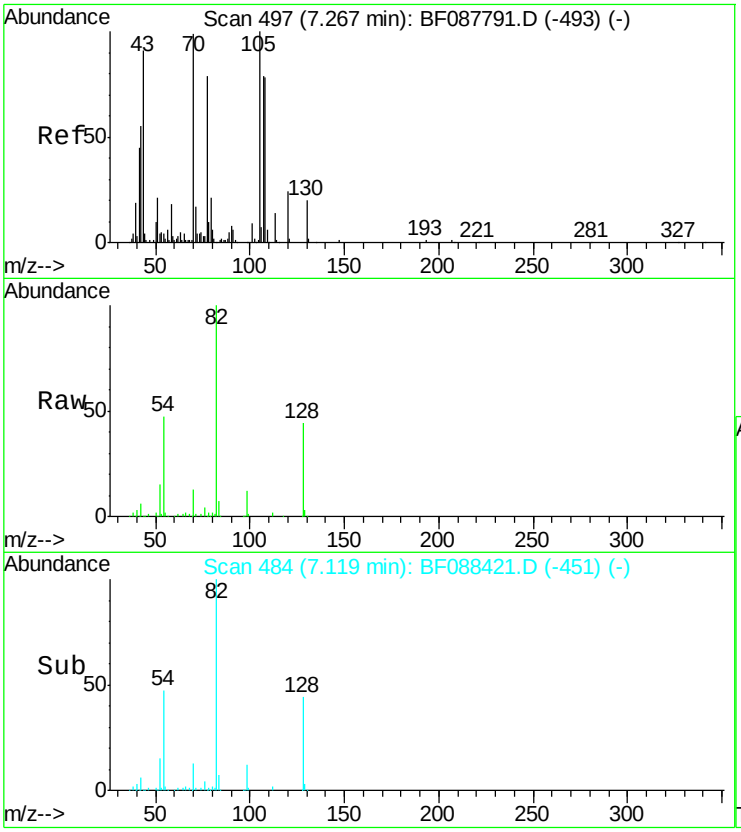


#10
Phenol
Concen: Below Cal
RT: 6.23 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion: 94 Resp: 2680

Ion	Ratio	Lower	Upper
94	100		
65	82.0	5.9	45.9#
66	301.1	14.0	54.0#



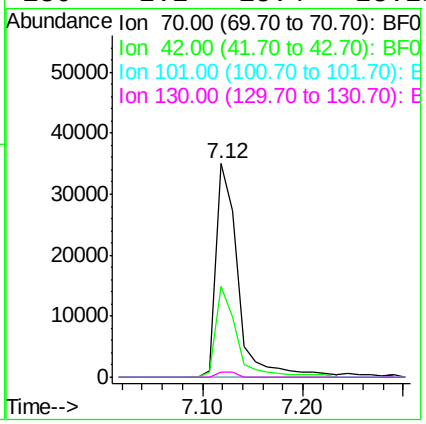


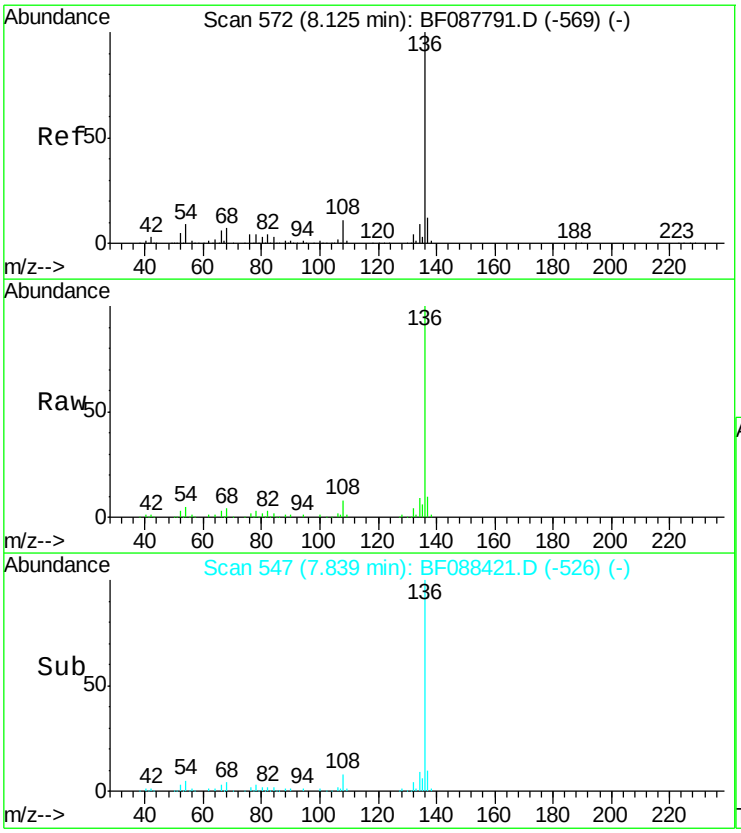
#19
n-Nitroso-di-n-propylamine
Concen: 16.22 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.08 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 53337

Ion	Ratio	Lower	Upper
70	100		
42	42.5	49.6	74.4#
101	0.0	7.1	10.7#
130	2.2	15.4	23.2#

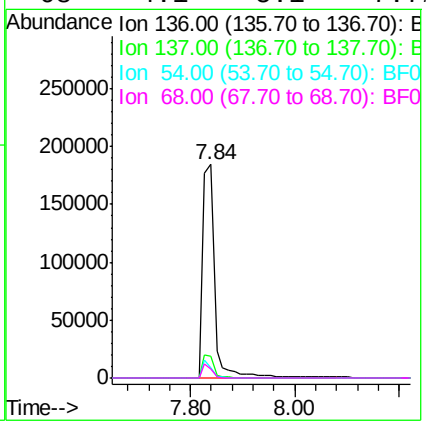


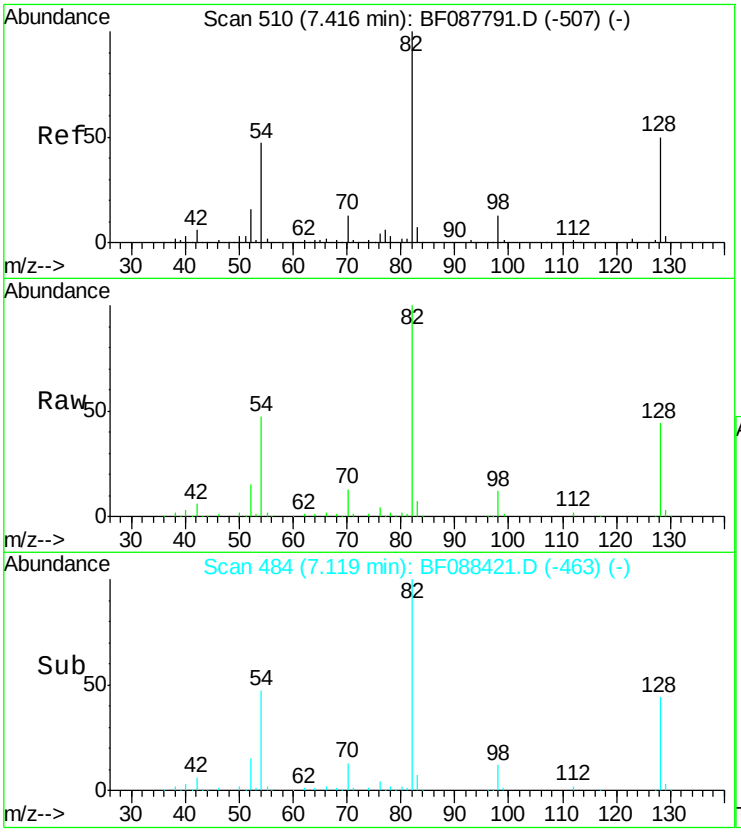


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion:136 Resp: 296685

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	4.8	6.6	10.0#
68	4.1	5.1	7.7#



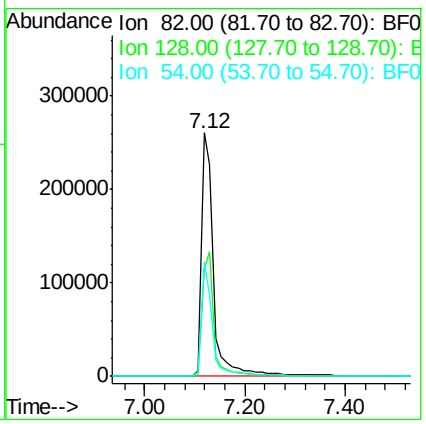


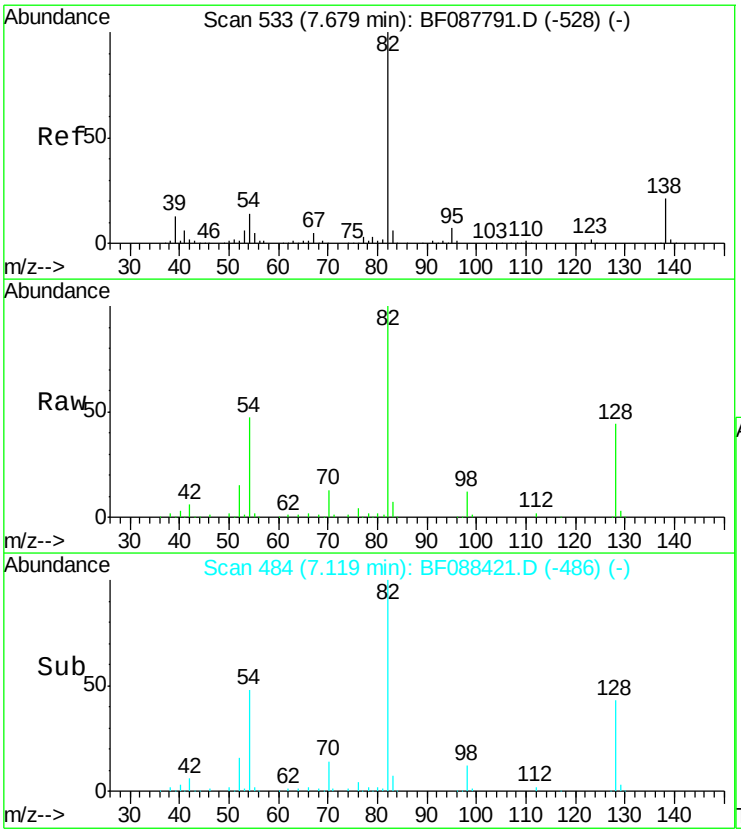
#23
Nitrobenzene-d5
Concen: 85.33 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.06 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 433561

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.9	53.9
54	47.1	40.9	61.3

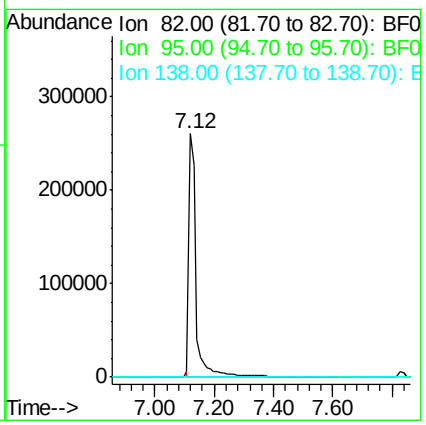


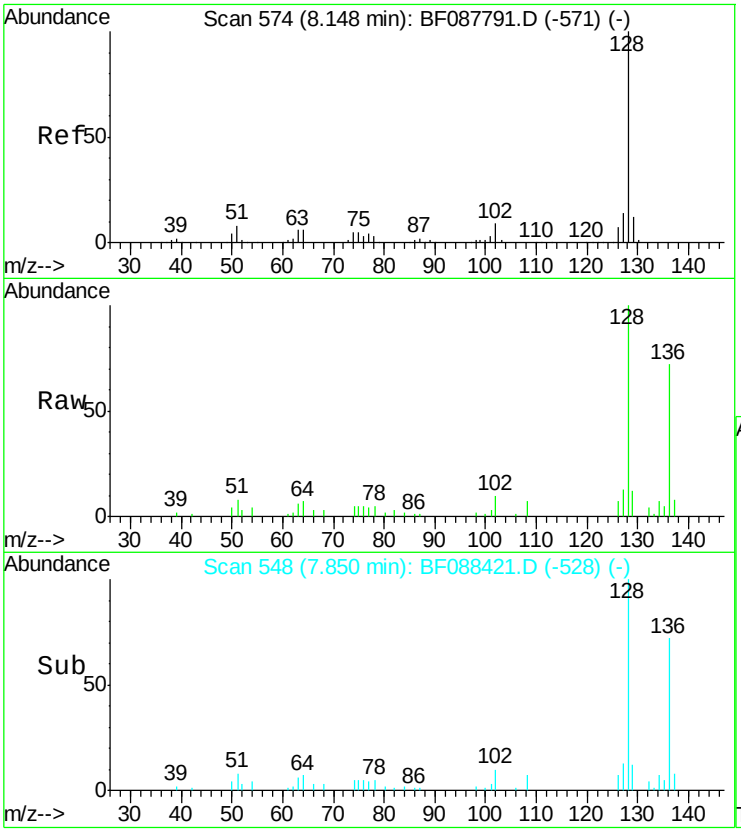


#25
Isophorone
Concen: 45.37 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.32 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion: 82 Resp: 426972

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

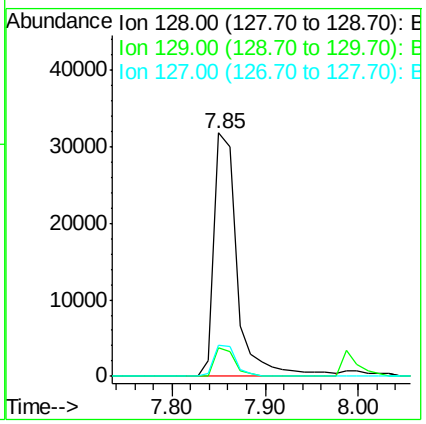




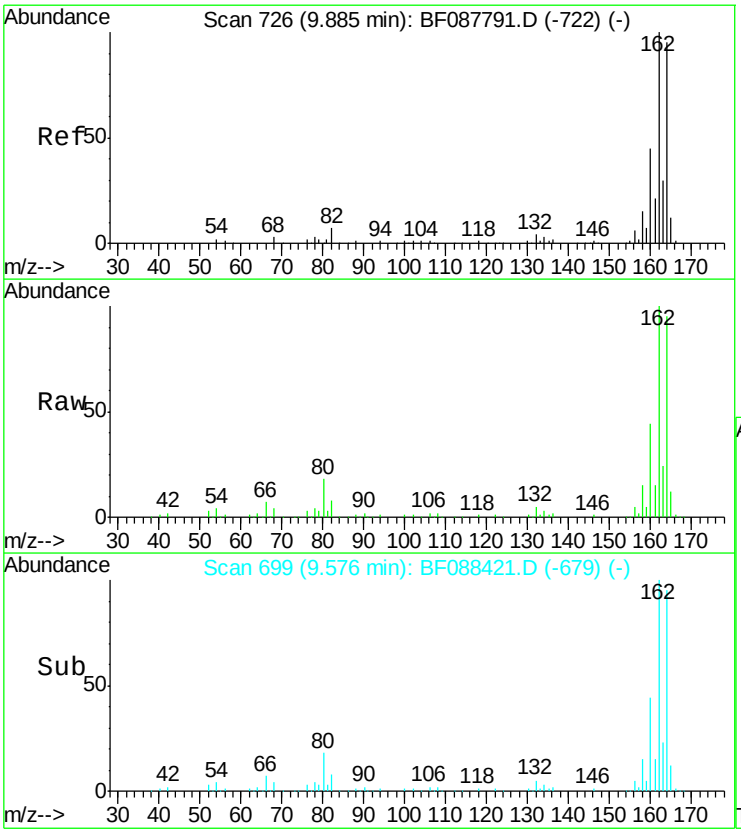
#31
Naphthalene
Concen: 3.75 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.07 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion:128 Resp: 55072

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	12.6	10.9	16.3



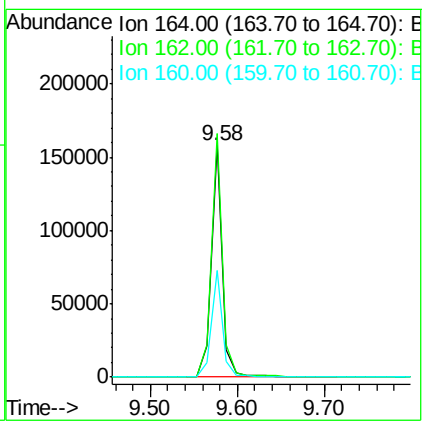
Instrument :
BNA_G
ClientSampleId :

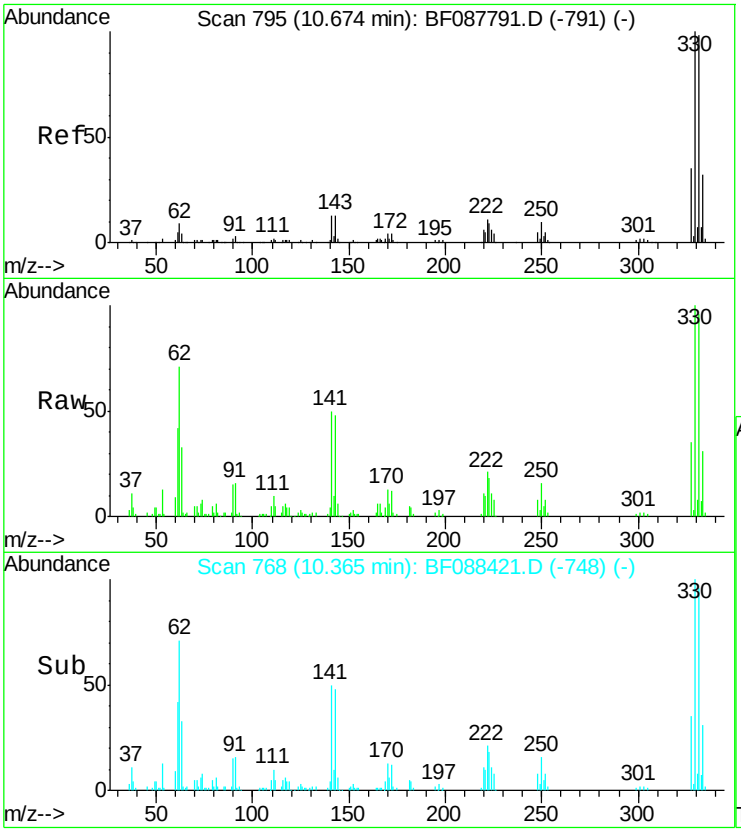


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.07 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion:164 Resp: 141943

Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.4	128.2
160	46.1	39.5	59.3



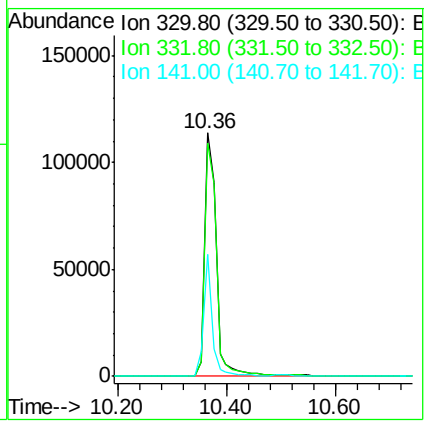


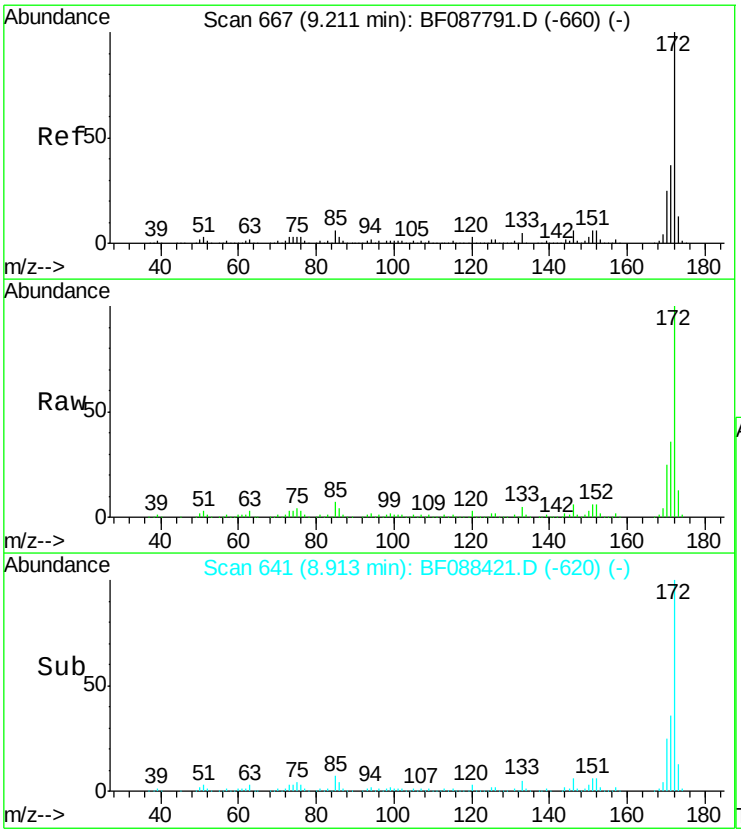
#41
2,4,6-Tribromophenol
Concen: 112.90 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.07 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 169210

Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	36.9	0.0	0.0#

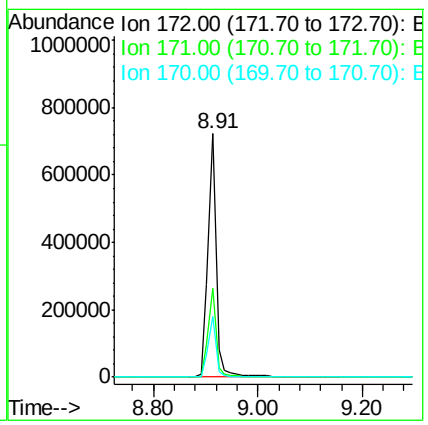


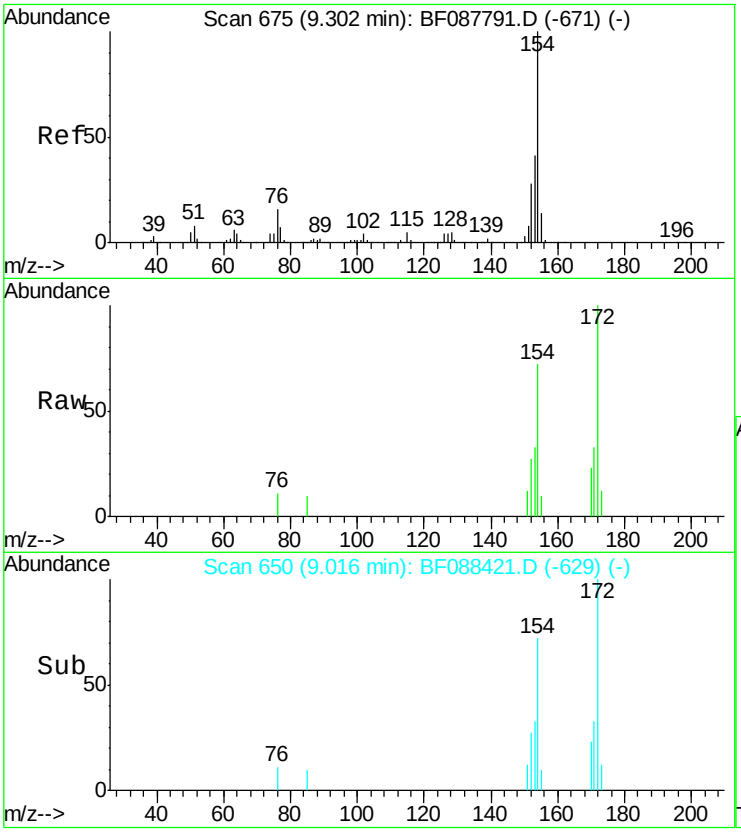


#44
2-Fluorobiphenyl
Concen: 89.71 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion:172 Resp: 807772

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.6	19.2	28.8



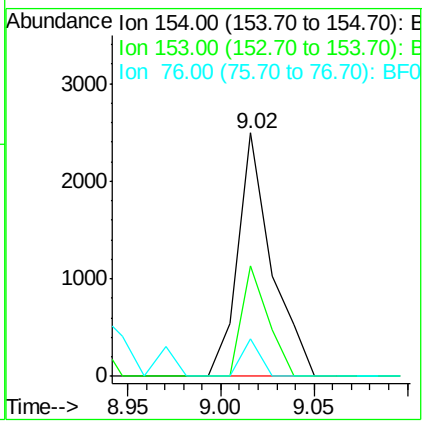


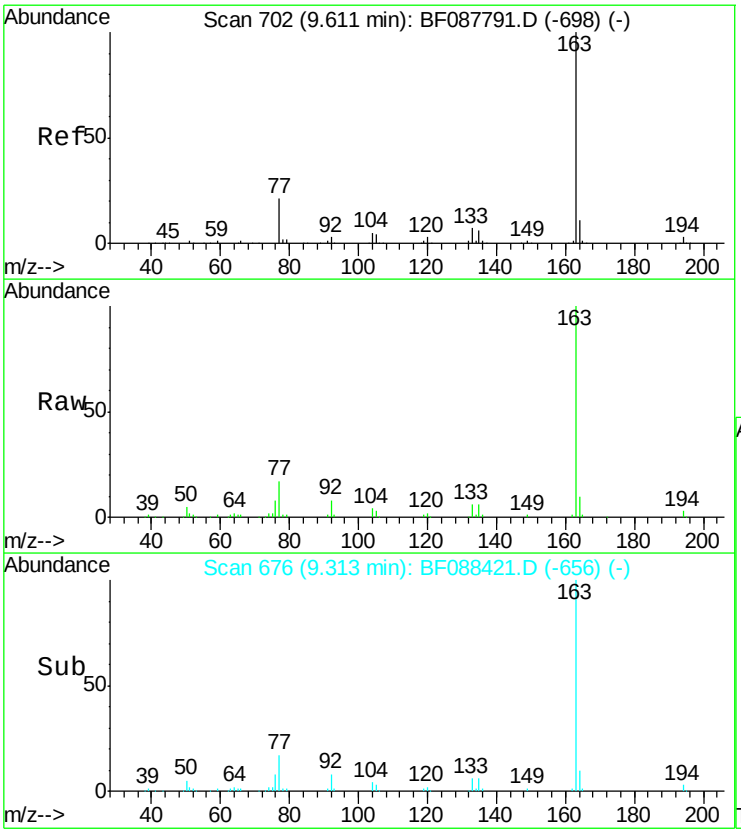
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.02 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 3149

Ion	Ratio	Lower	Upper
154	100		
153	45.3	20.6	60.6
76	15.5	0.0	35.1

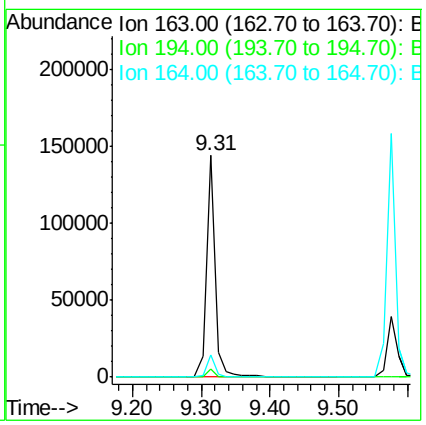


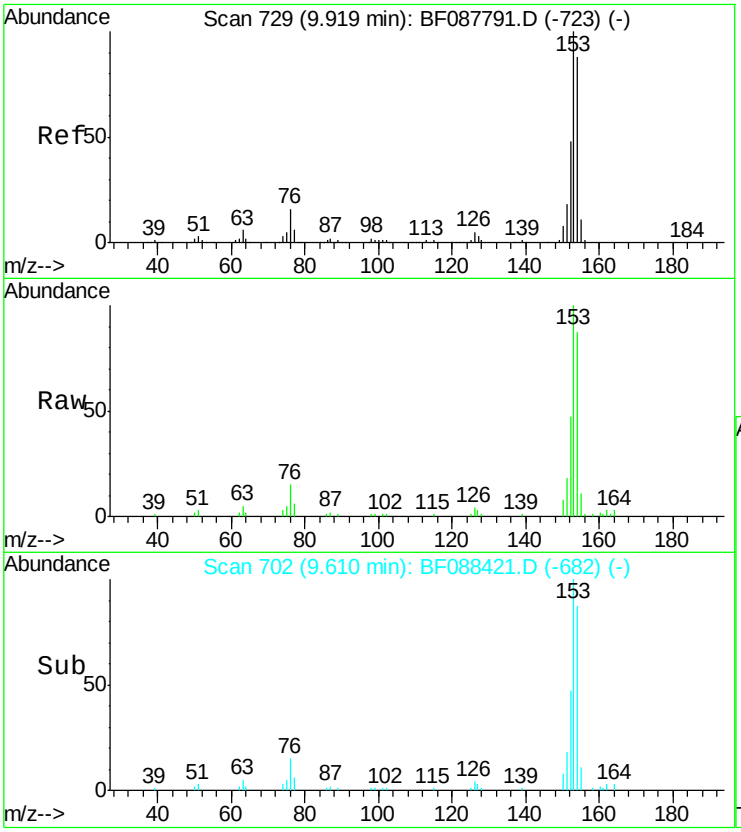


#49
Dimethylphthalate
Concen: 12.30 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.07 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion:163 Resp: 126520

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	9.7	8.3	12.5



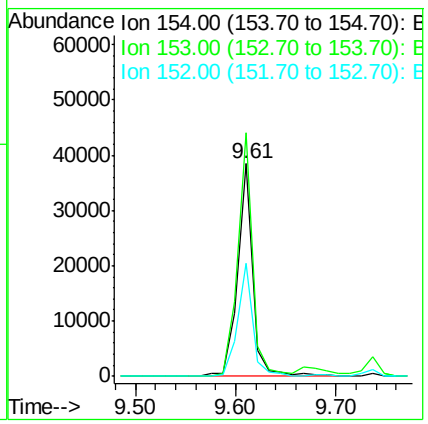


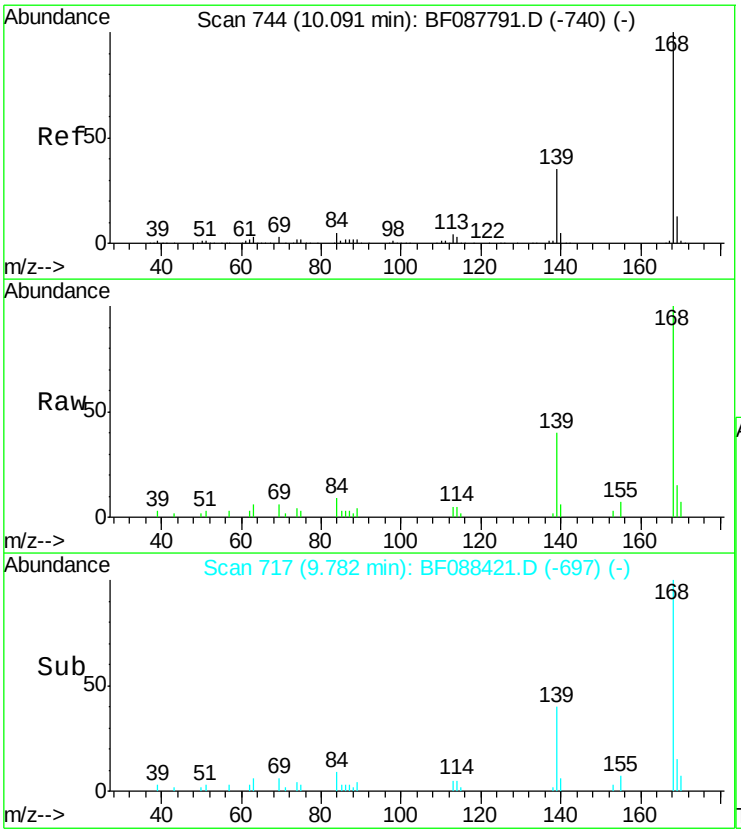
#51
Acenaphthene
Concen: 4.43 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.07 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 40387

Ion	Ratio	Lower	Upper
154	100		
153	114.5	89.5	134.3
152	53.4	42.7	64.1

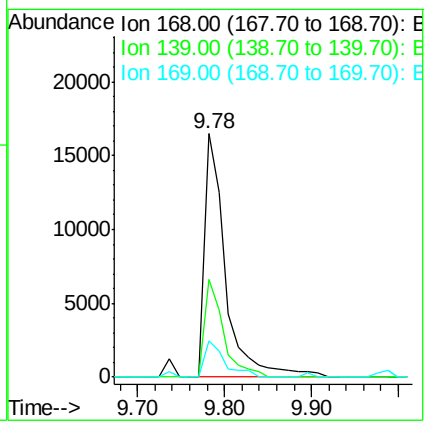


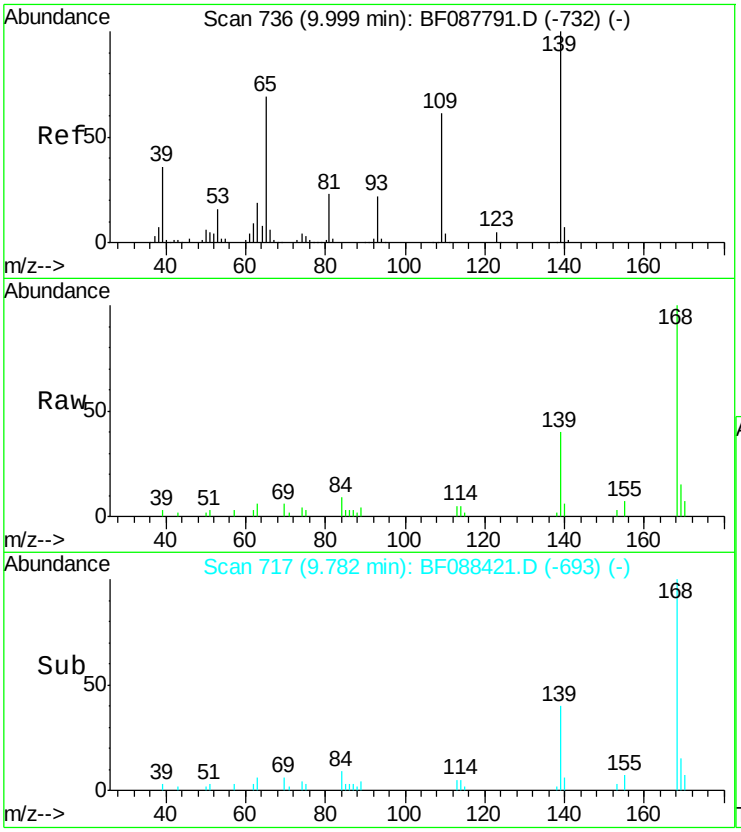


#54
Dibenzofuran
Concen: 2.20 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.07 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion:168 Resp: 27603

Ion	Ratio	Lower	Upper
168	100		
139	39.9	26.4	39.6#
169	14.7	10.4	15.6



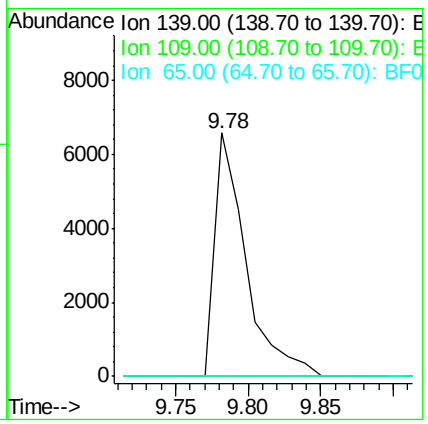


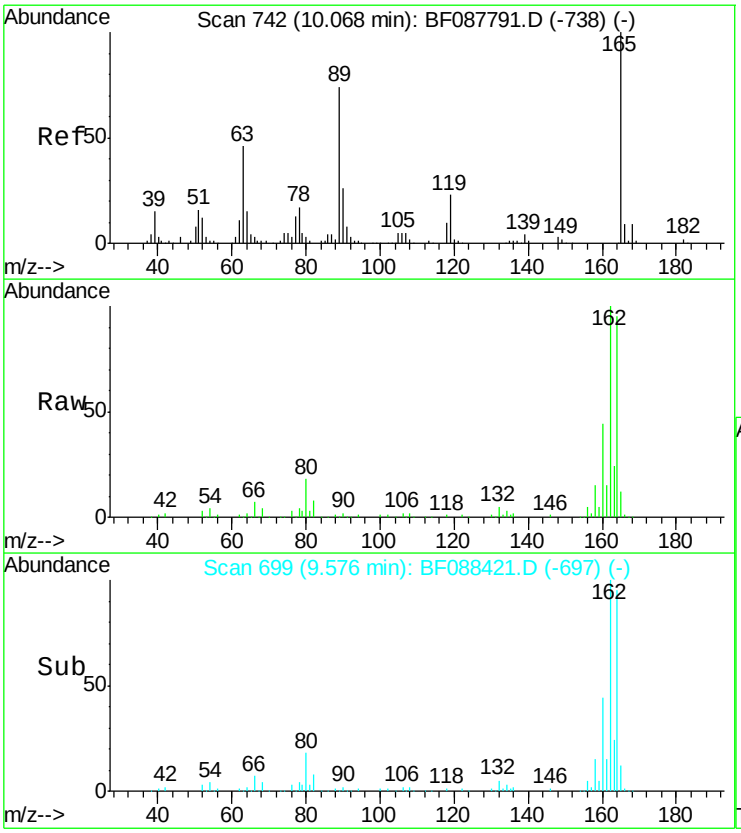
#55
4-Nitrophenol
Concen: 4.64 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 9787

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.9	88.9#
65	0.0	84.9	124.9#

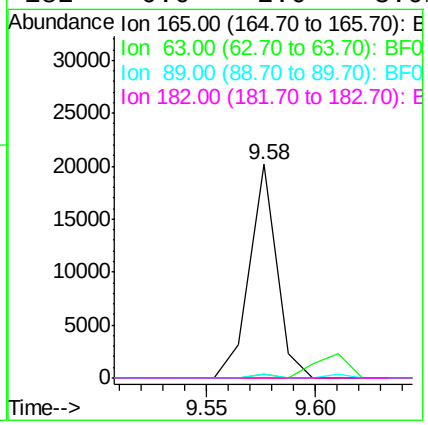


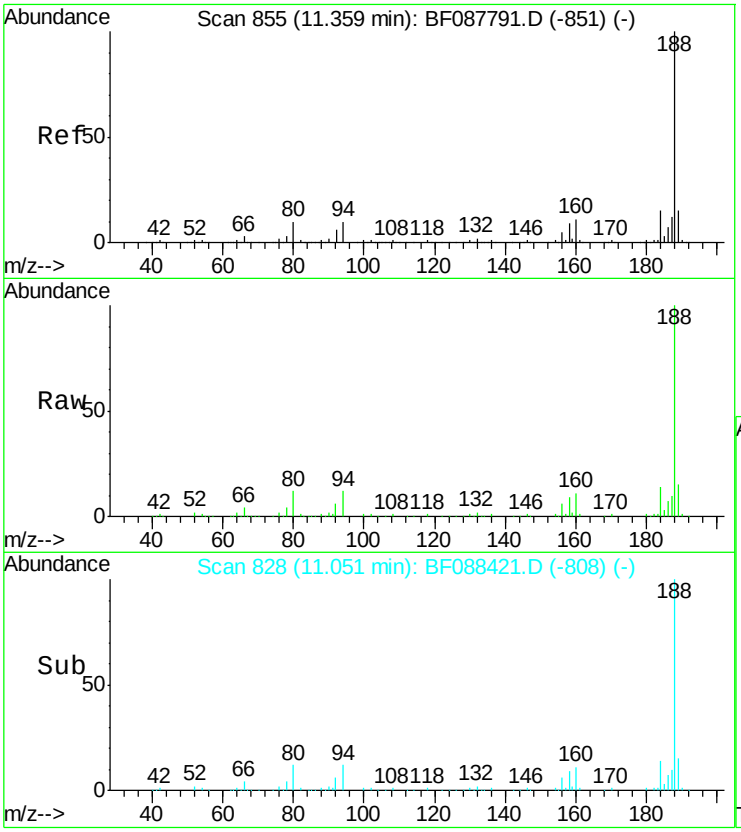


#56
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.27 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion:165 Resp: 17553

Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#



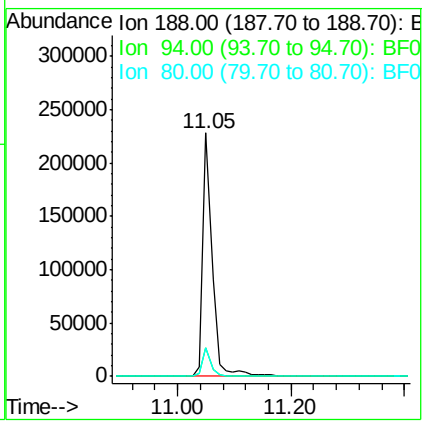


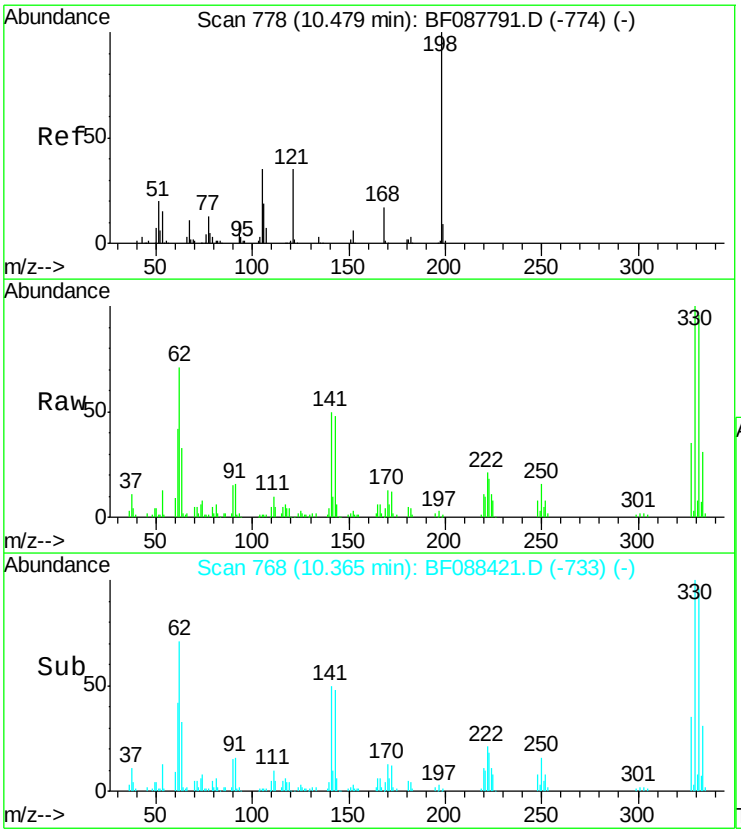
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.07 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 252508

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.0	13.6
80	11.9	10.0	15.0

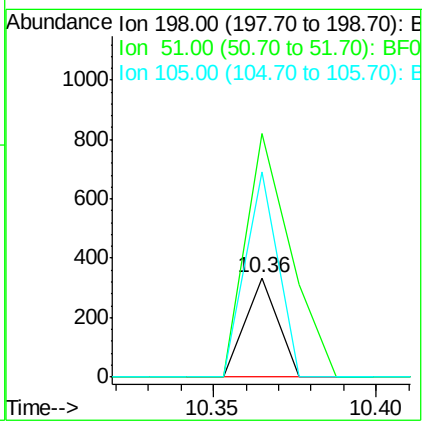


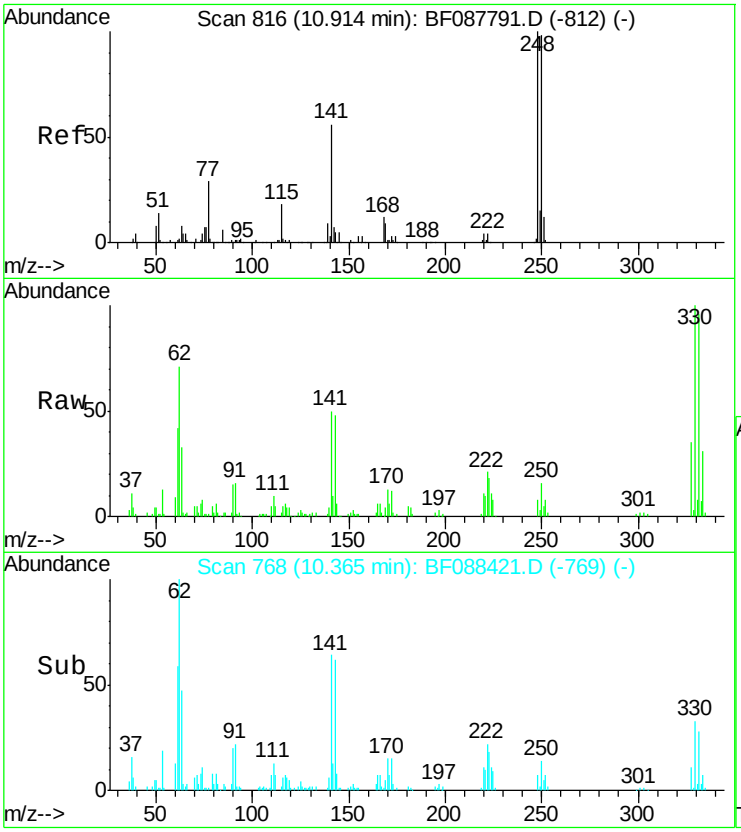


#64
4,6-Dinitro-2-methylphenol
Concen: 2.30 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.10 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion:198 Resp: 228

Ion	Ratio	Lower	Upper
198	100		
51	246.2	39.6	79.6#
105	206.9	36.6	76.6#



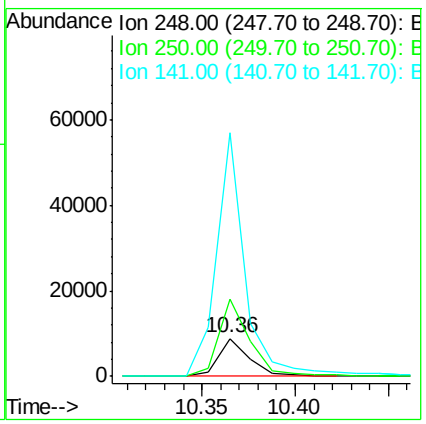


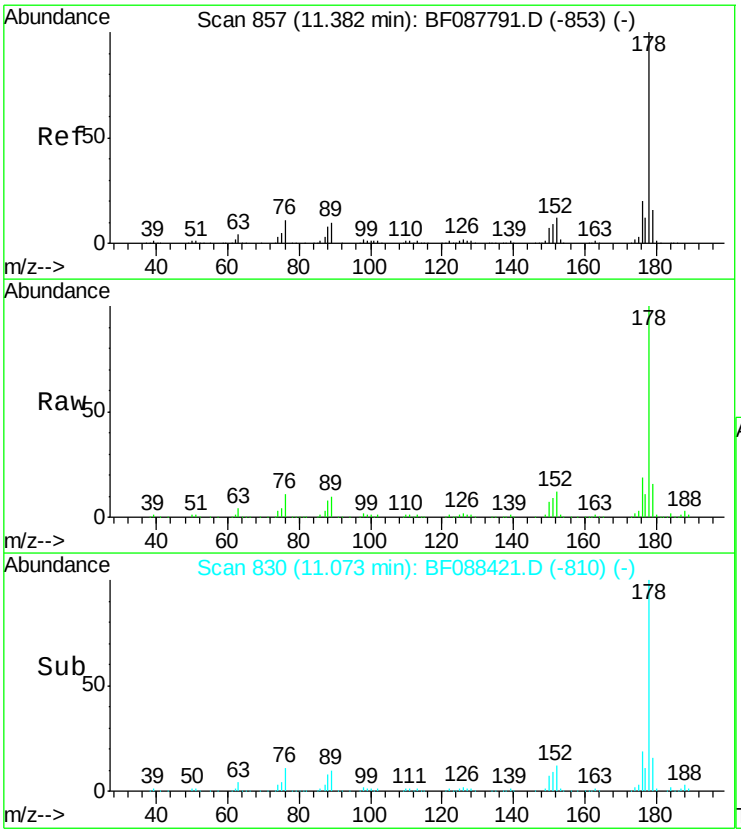
#66
4-Bromophenyl-phenylether
Concen: 3.76 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.31 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10175

Ion	Ratio	Lower	Upper
248	100		
250	201.1	77.1	115.7#
141	638.2	50.6	76.0#

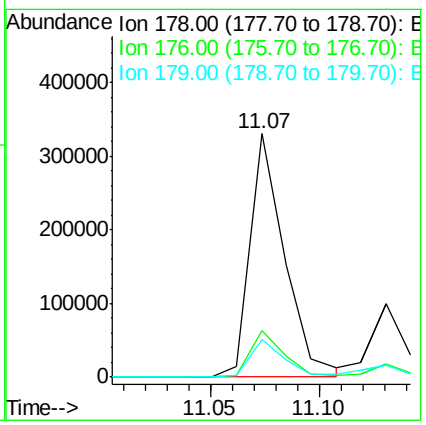


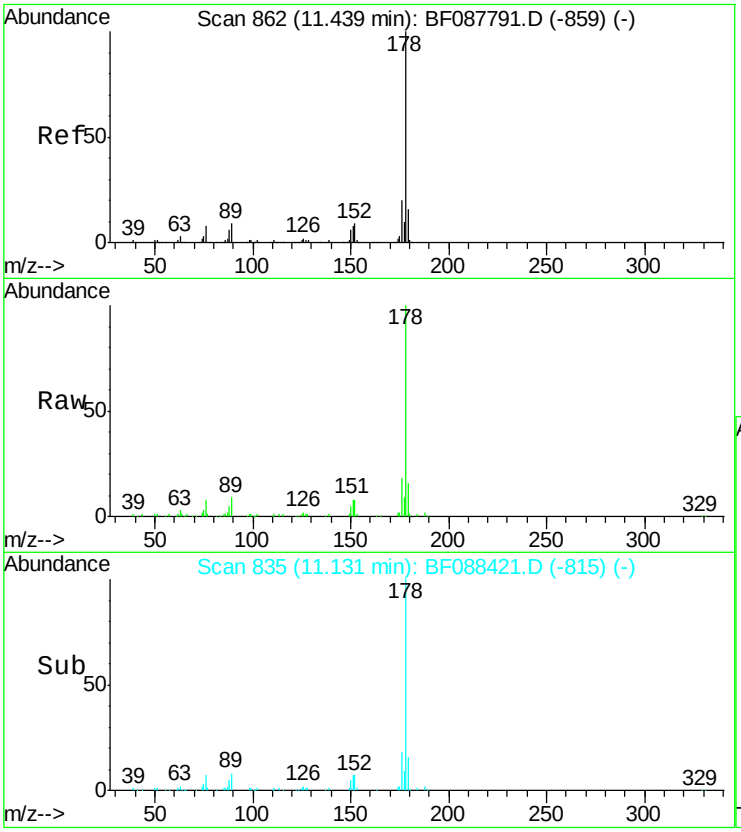


#70
Phenanthrene
Concen: 27.68 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.07 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion:178 Resp: 366748

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.6	13.0	19.4



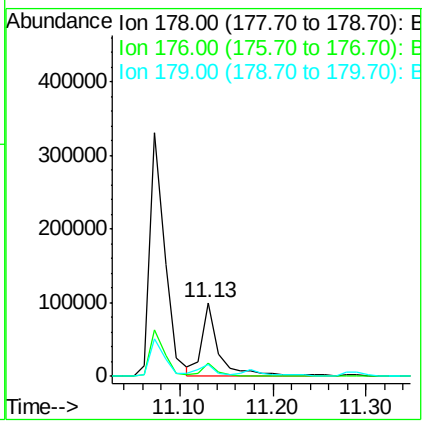


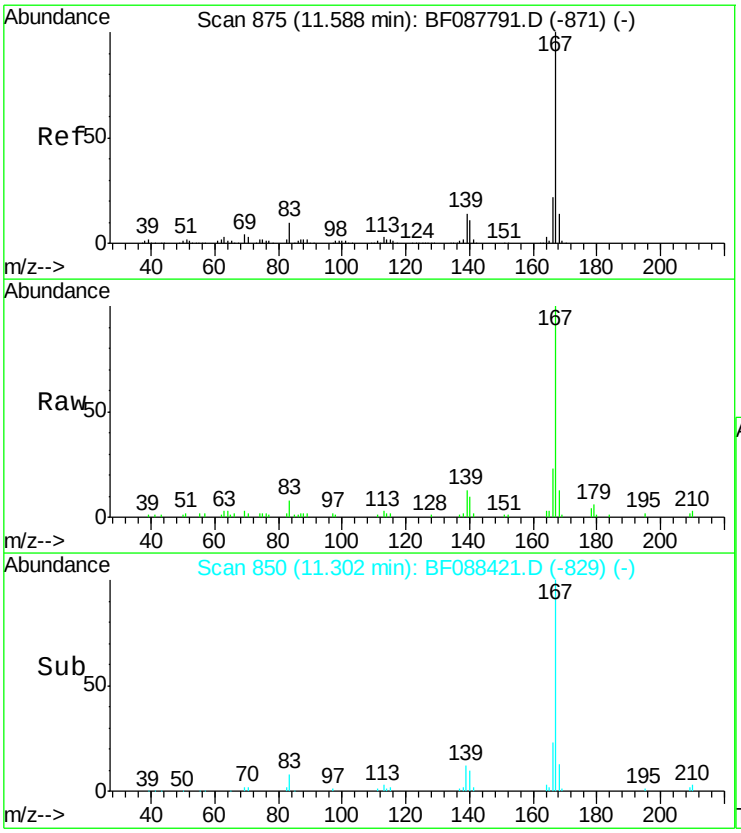
#71
Anthracene
Concen: 9.48 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.07 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 126757

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.6	23.4
179	16.3	12.8	19.2

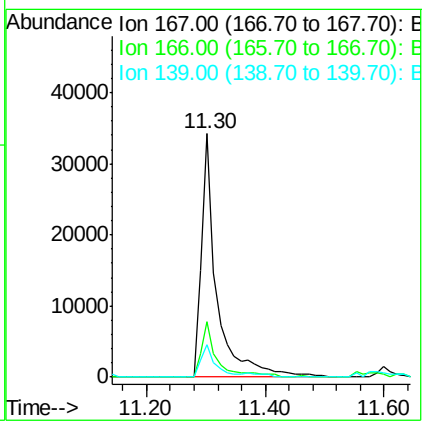


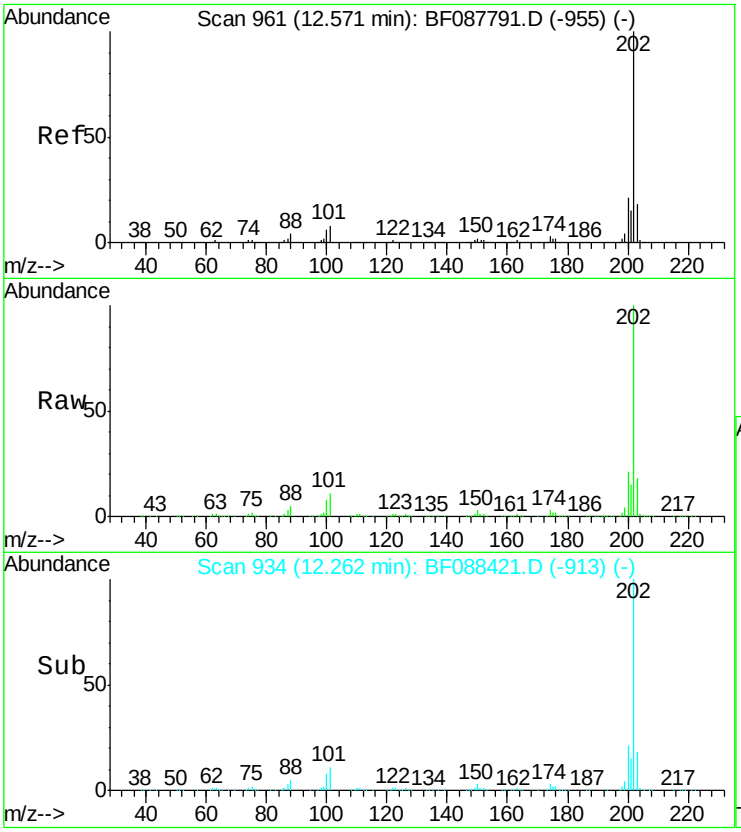


#72
Carbazole
Concen: 5.04 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.06 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion:167 Resp: 62981

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	13.3	11.2	16.8



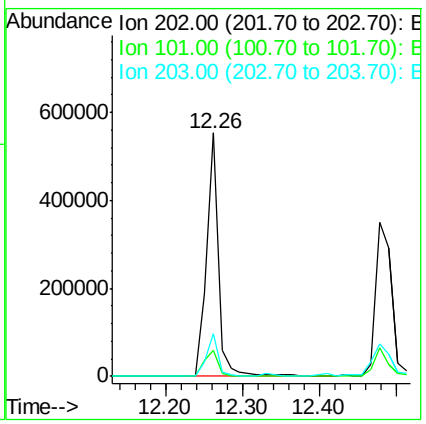


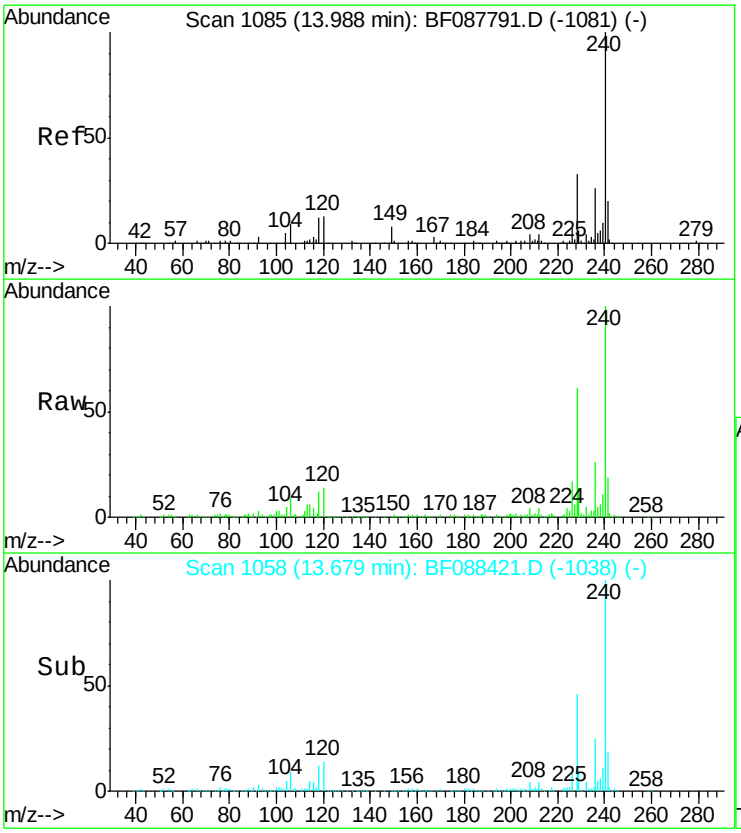
#74
Fluoranthene
Concen: 42.14 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.06 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 589254

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	33.1
203	17.6	0.0	38.1

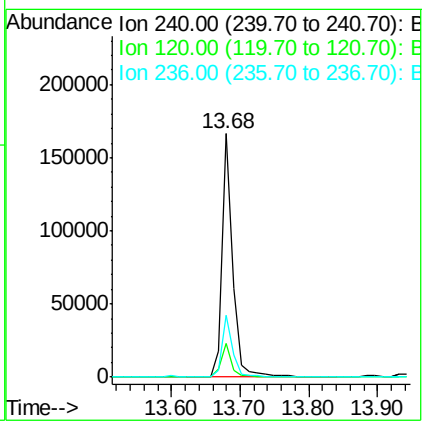


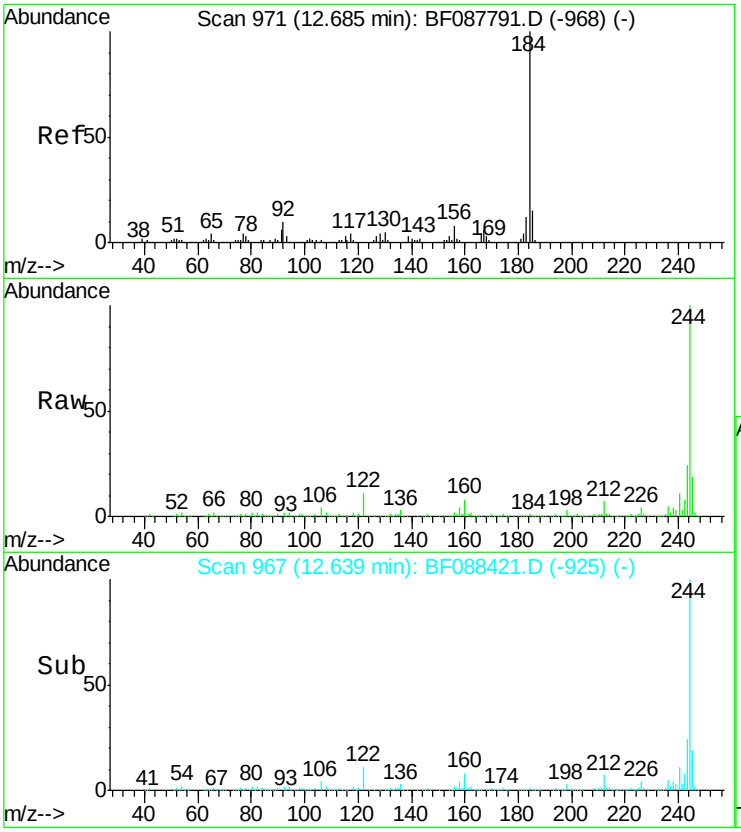


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.07 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion:240 Resp: 183546

Ion	Ratio	Lower	Upper
240	100		
120	13.6	6.8	10.2#
236	25.5	20.2	30.2



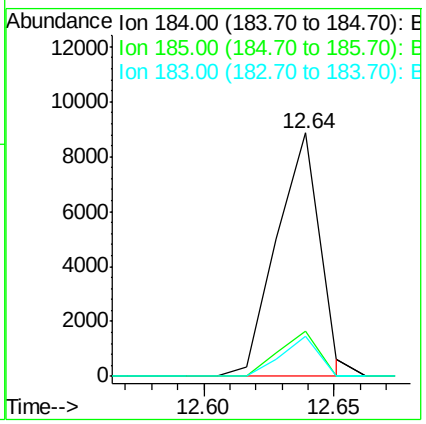


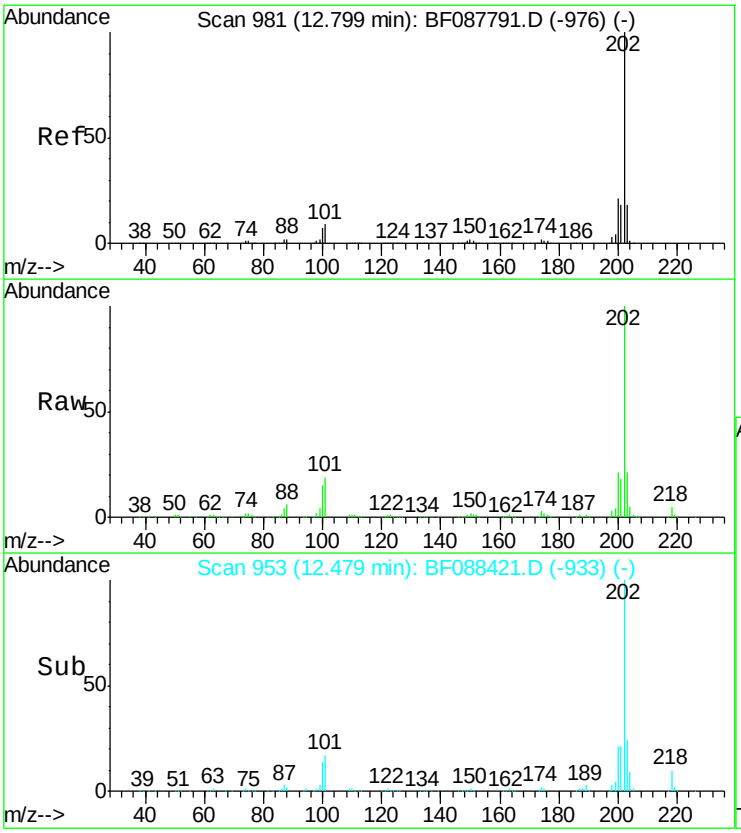
#76
Benzidine
Concen: 2.01 ng
RT: 12.64 min Scan# 967
Delta R.T. 0.18 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 10194

Ion	Ratio	Lower	Upper
184	100		
185	18.6	12.5	18.7
183	16.5	9.3	13.9#

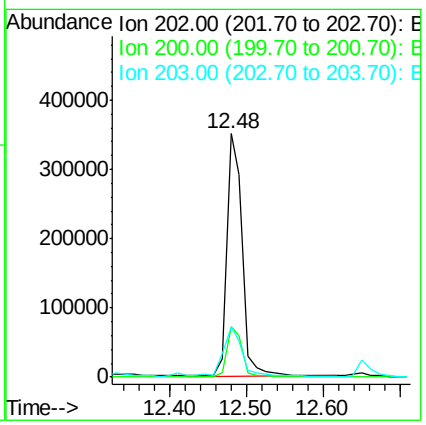


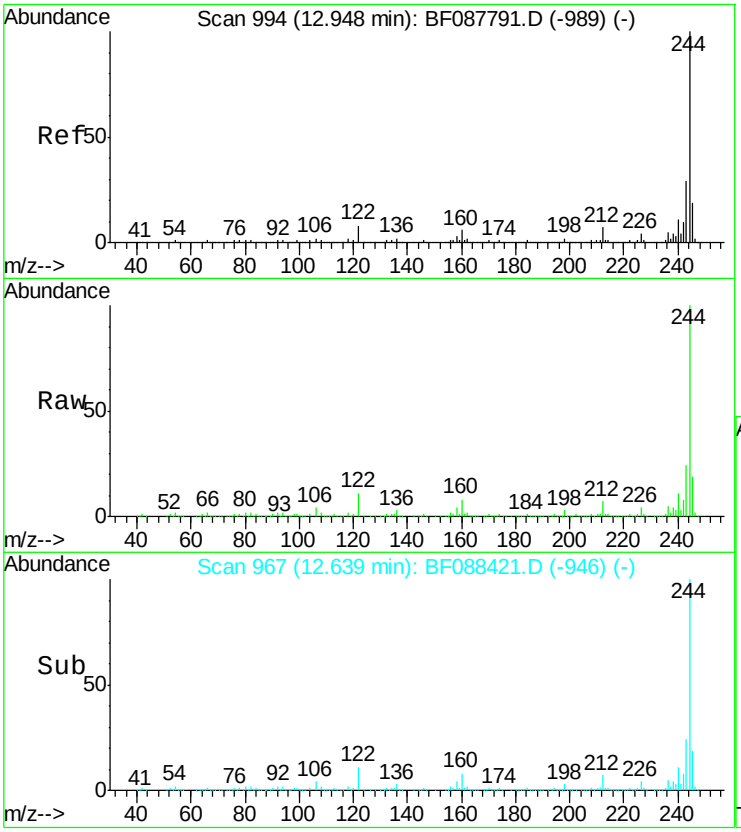


#77
Pyrene
Concen: 36.81 ng
RT: 12.48 min Scan# 953
Delta R.T. -0.07 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion:202 Resp: 501301

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	20.8	14.5	21.7



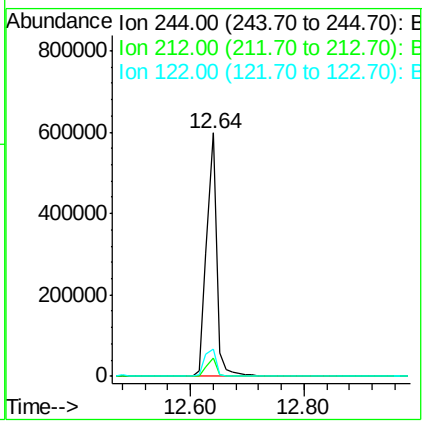


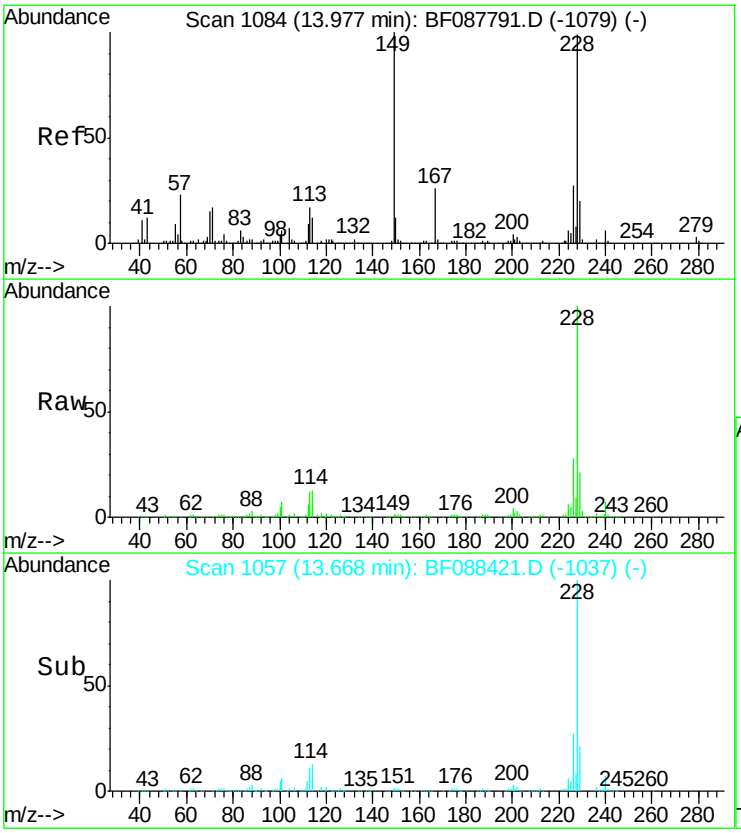
#78
Terphenyl-d14
Concen: 87.63 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.06 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 706863

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	11.0	11.2	16.8#

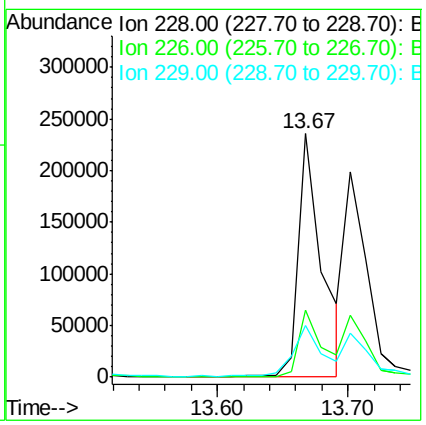


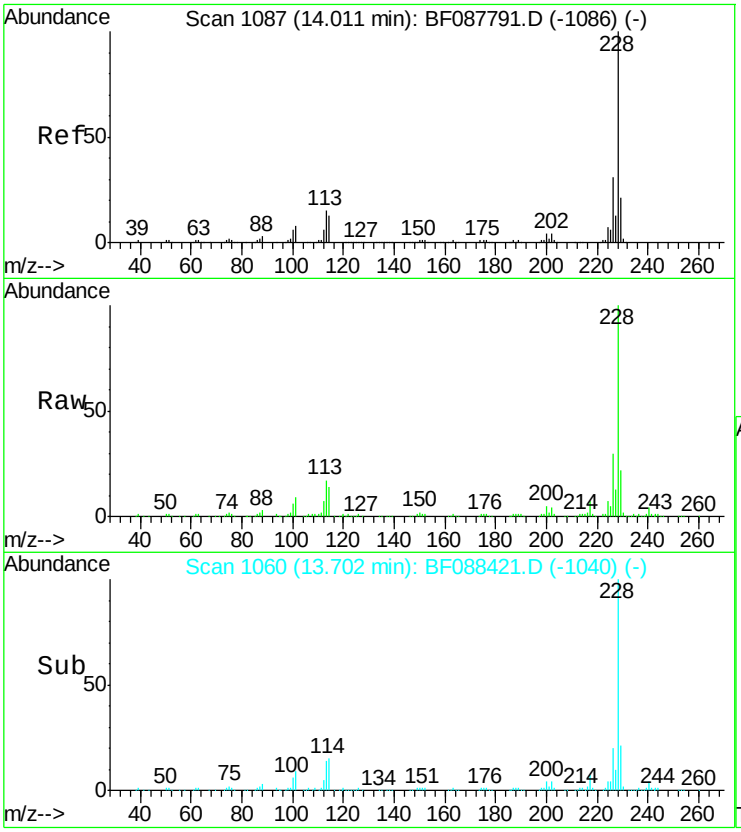


#80
Benzo(a)anthracene
Concen: 28.17 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.07 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion:228 Resp: 294645

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	21.4	16.0	24.0



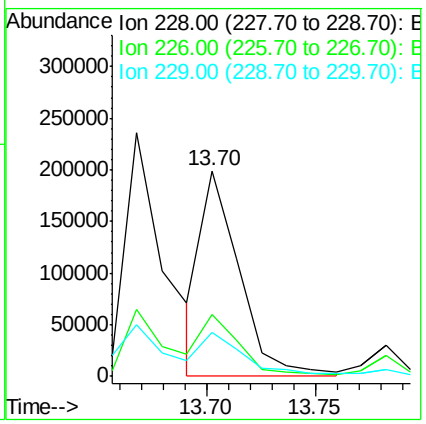


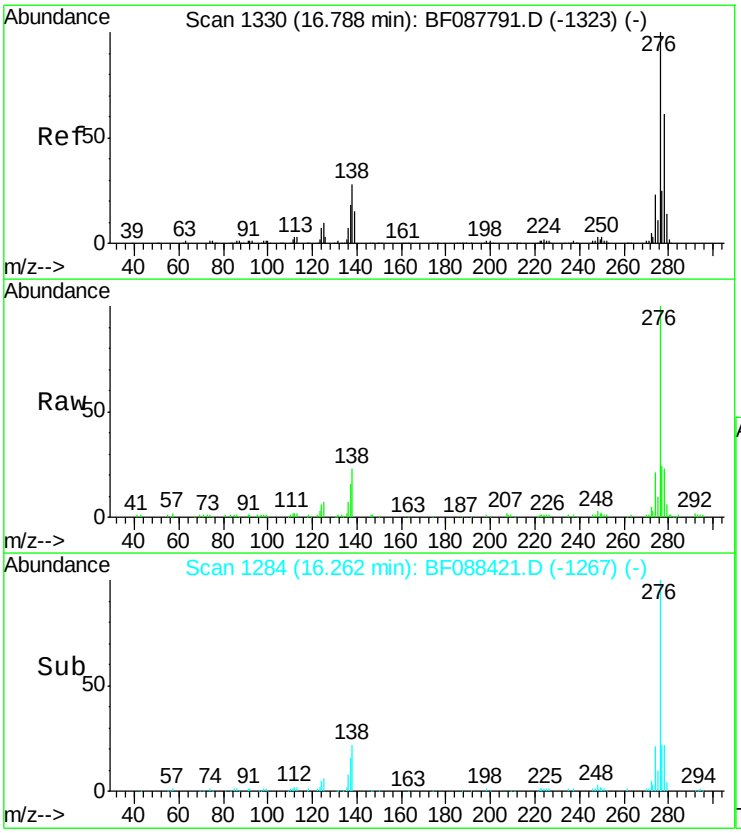
#82
Chrysene
Concen: 24.77 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.07 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 243762

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.2
229	21.6	16.3	24.5

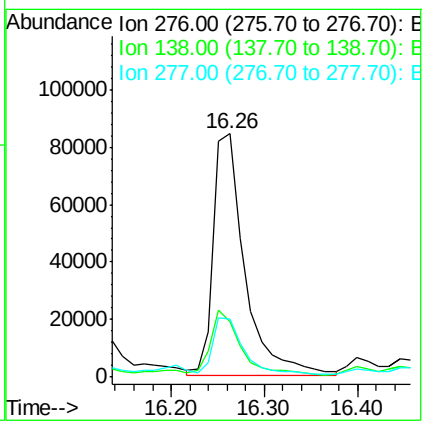


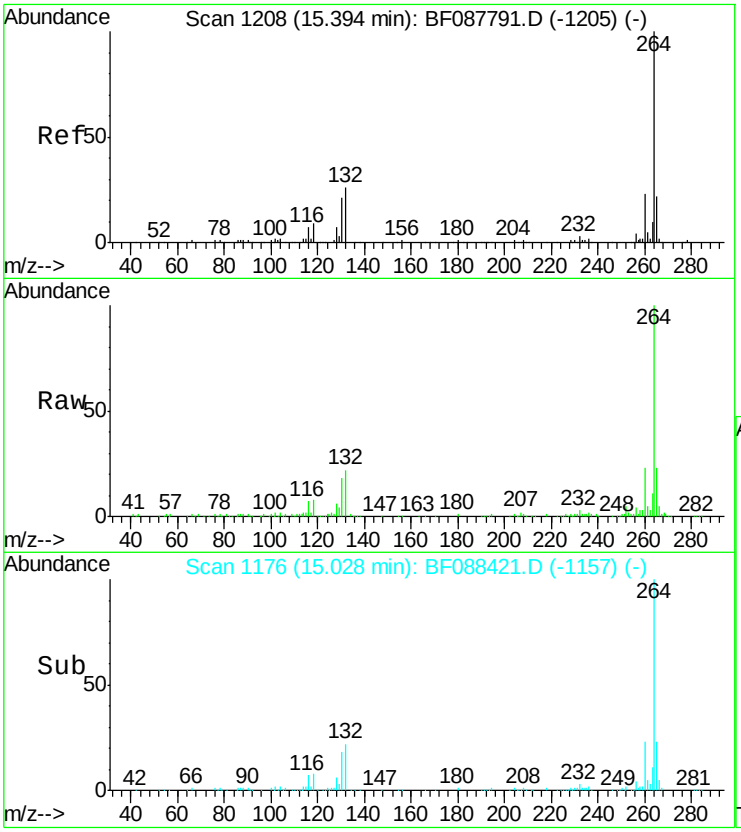


#85
Indeno(1,2,3-cd)pyrene
Concen: 21.56 ng
RT: 16.26 min Scan# 1284
Delta R.T. -0.10 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion:276 Resp: 197102

Ion	Ratio	Lower	Upper
276	100		
138	26.1	0.0	0.0#
277	22.5	0.0	0.0#



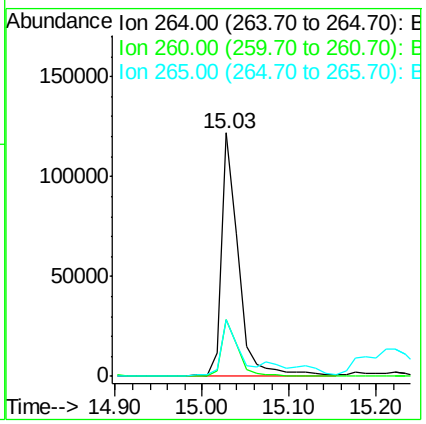


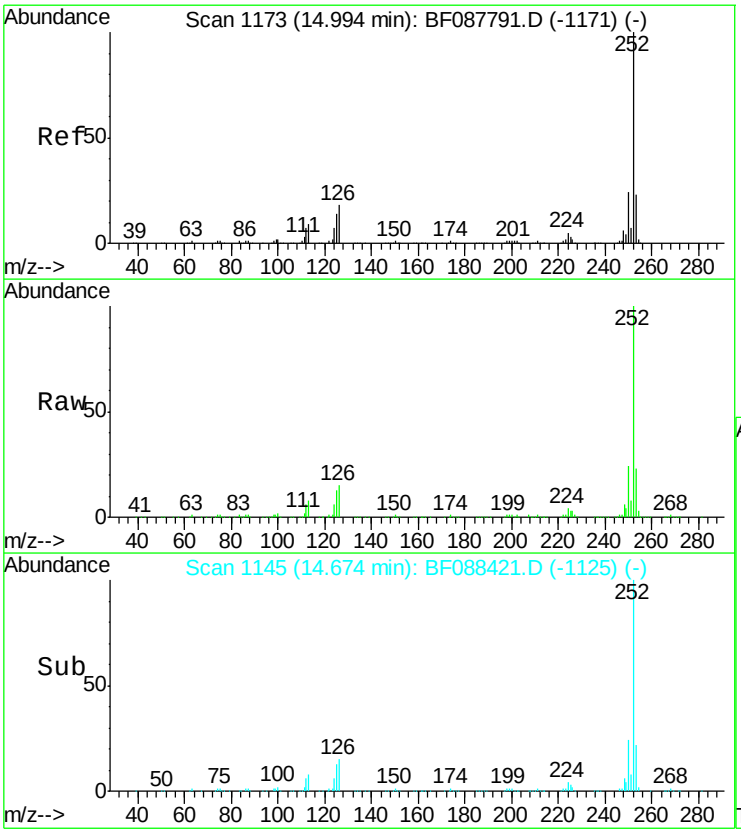
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 167042

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	23.2	16.9	25.3

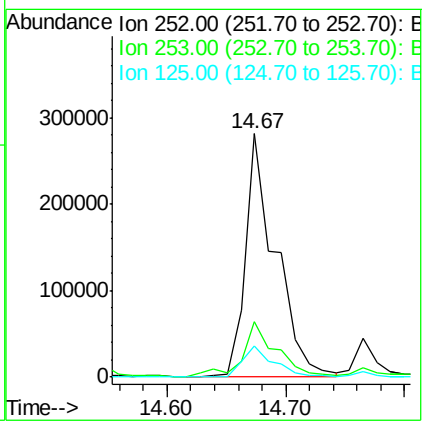


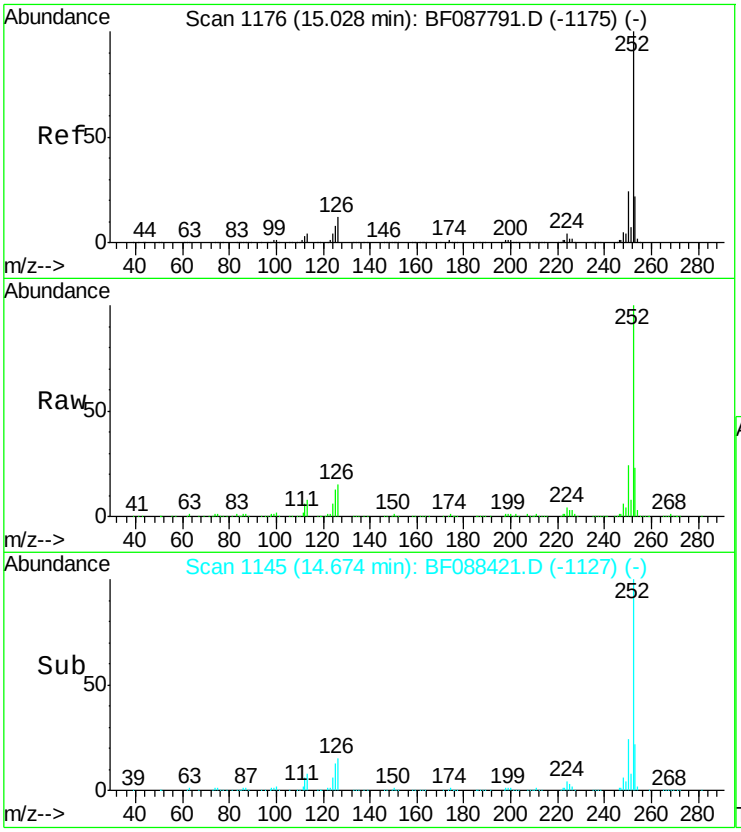


#87
Benzo(b)fluoranthene
Concen: 42.33 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.07 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion:252 Resp: 492885

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	12.8	7.1	10.7#



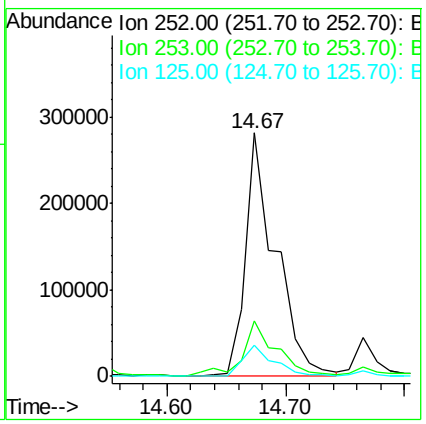


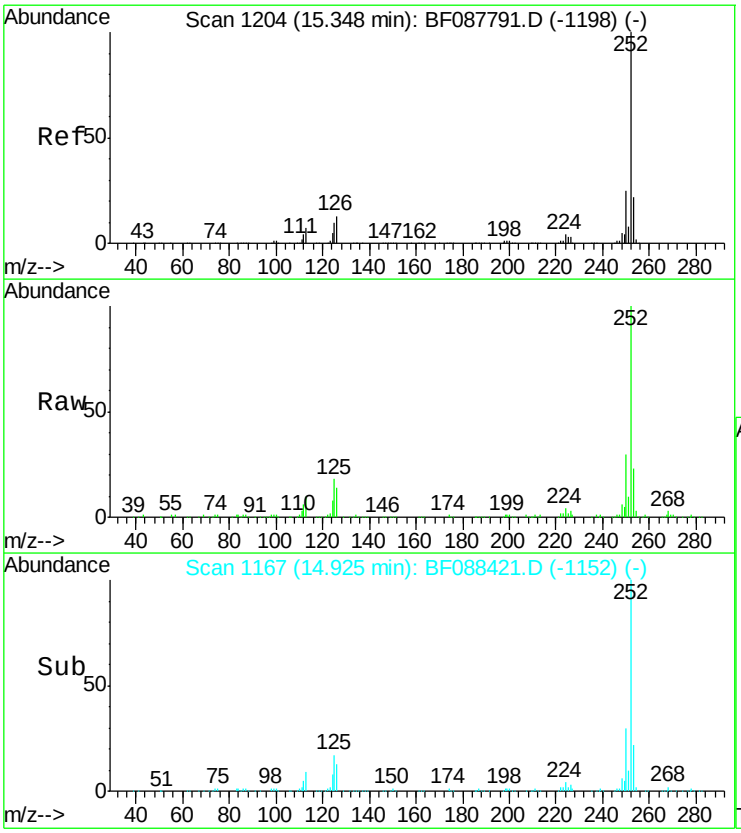
#88
Benzo(k)fluoranthene
Concen: 56.12 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.09 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 492885

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	12.8	11.2	16.8

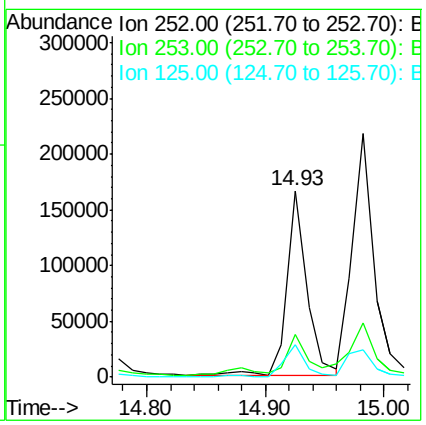


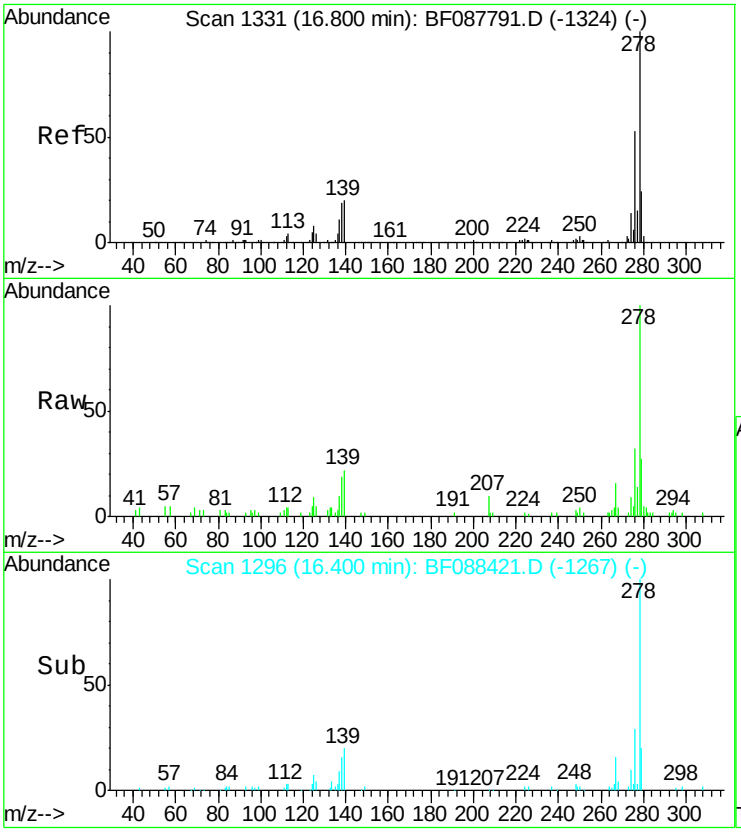


#89
Benzo(a)pyrene
Concen: 20.40 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.13 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion:252 Resp: 192135

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	17.7	12.5	18.7



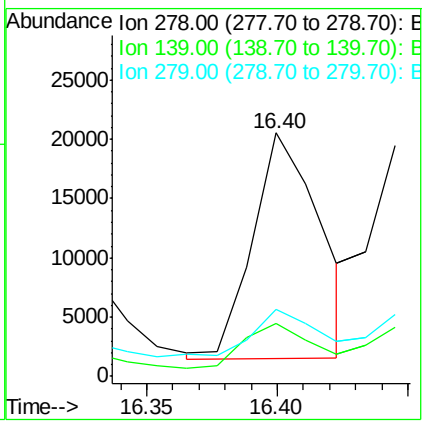


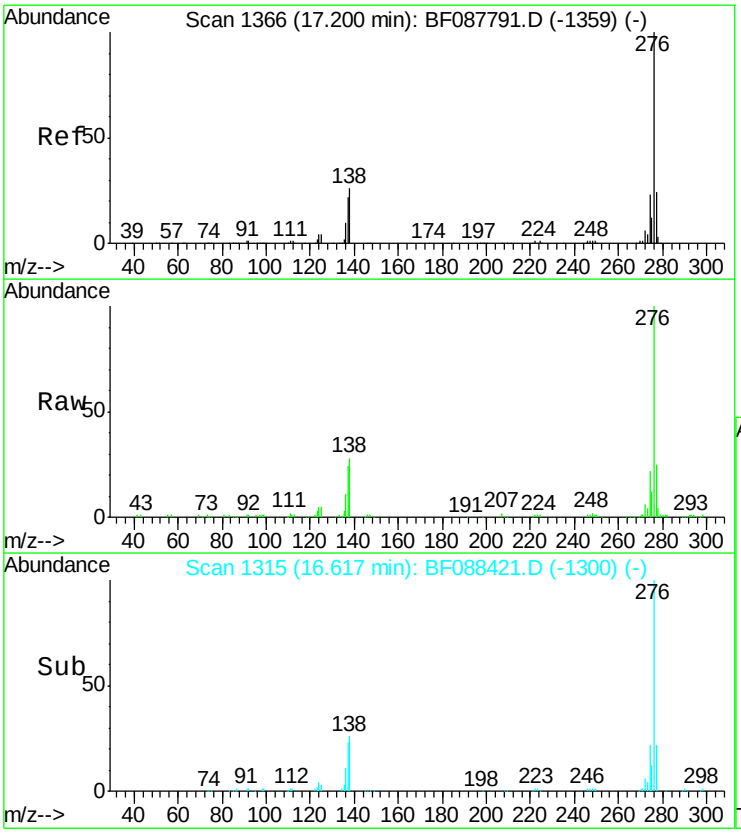
#90
Dibenzo(a,h)anthracene
Concen: 3.94 ng
RT: 16.40 min Scan# 1296
Delta R.T. 0.03 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 34463

Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.7	23.5
279	27.5	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 23.51 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.13 min
Lab File: BF088421.D
Acq: 26 Jun 2016 16:32

Tgt Ion:276 Resp: 211599

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	27.8	21.4	32.2