Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088427.D
Acq On : 26 Jun 2016 19:26
Operator : UM/SJ
Sample : H3663-16 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 27 03:57:19 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	79237	20.00	ng		-0.06
21) Naphthalene-d8	7.84	136	330362	20.00	ng		-0.06
38) Acenaphthene-d10	9.58	164	144390	20.00	ng		-0.07
63) Phenanthrene-d10	11.06	188	246912	20.00	ng		-0.06
75) Chrysene-d12	13.68	240	143656	20.00	ng		-0.07
86) Perylene-d12	15.04	264	165258	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	259892	56.07	ng		-0.05
7) Phenol-d6	6.22	99	348838	62.10	ng		-0.05
23) Nitrobenzene-d5	7.12	82	207030	36.59	ng		-0.06
41) 2,4,6-Tribromophenol	10.36	330	68414	44.87	ng		-0.07
44) 2-Fluorobiphenyl	8.91	172	392551	39.76	ng		-0.06
78) Terphenyl-d14	12.63	244	275068	43.57	ng		-0.07
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.12	70	25374	7.06	ng	#	71
20) 3+4-Methylphenols	7.02	107	18166	3.50	ng	#	74
25) Isophorone	7.12	82	201718	19.25	ng	#	65
31) Naphthalene	7.86	128	1118950	68.44	ng		99
32) Benzoic acid	7.67	122	7807	2.62	ng	#	13
33) 4-Chloroaniline	7.86	127	149683	20.50	ng	#	34
35) Caprolactam	8.55	113	4811	3.22	ng	#	1
37) 2-Methylnaphthalene	8.55	142	244727	22.71	ng		98
45) 1,1'-Biphenyl	9.00	154	63981	Below Cal			99
48) Acenaphthylene	9.61	152	178421	12.01	ng	#	1
49) Dimethylphthalate	9.31	163	50285	4.81	ng		99
50) 2,6-Dinitrotoluene	9.58	165	24228	10.11	ng	#	41
51) Acenaphthene	9.61	154	316285	34.11	ng		98
54) Dibenzofuran	9.78	168	309682	24.25	ng		91
55) 4-Nitrophenol	9.78	139	120257	56.06	ng	#	6
57) Fluorene	10.12	166	342085	39.00	ng		99
70) Phenanthrene	11.09	178	1469551	113.42	ng		99
71) Anthracene	11.13	178	575198	44.01	ng		98
72) Carbazole	11.29	167	269064	22.00	ng		99
74) Fluoranthene	12.27	202	1297971	94.93	ng		95
77) Pyrene	12.49	202	940380	88.21	ng		98
80) Benzo(a)anthracene	13.68	228	562640	68.73	ng		98
82) Chrysene	13.68	228	562640	73.05	ng		95
85) Indeno(1,2,3-cd)pyrene	16.26	276	259894	36.32	ng	#	100
87) Benzo(b)fluoranthene	14.67	252	778115	67.55	ng	#	93
88) Benzo(k)fluoranthene	14.67	252	778115	89.55	ng		98
89) Benzo(a)pyrene	14.98	252	436103	46.80	ng		98
90) Dibenzo(a,h)anthracene	16.32	278	28284	3.27	ng	#	85
91) Benzo(g,h,i)perylene	16.63	276	223905	25.15	ng		98

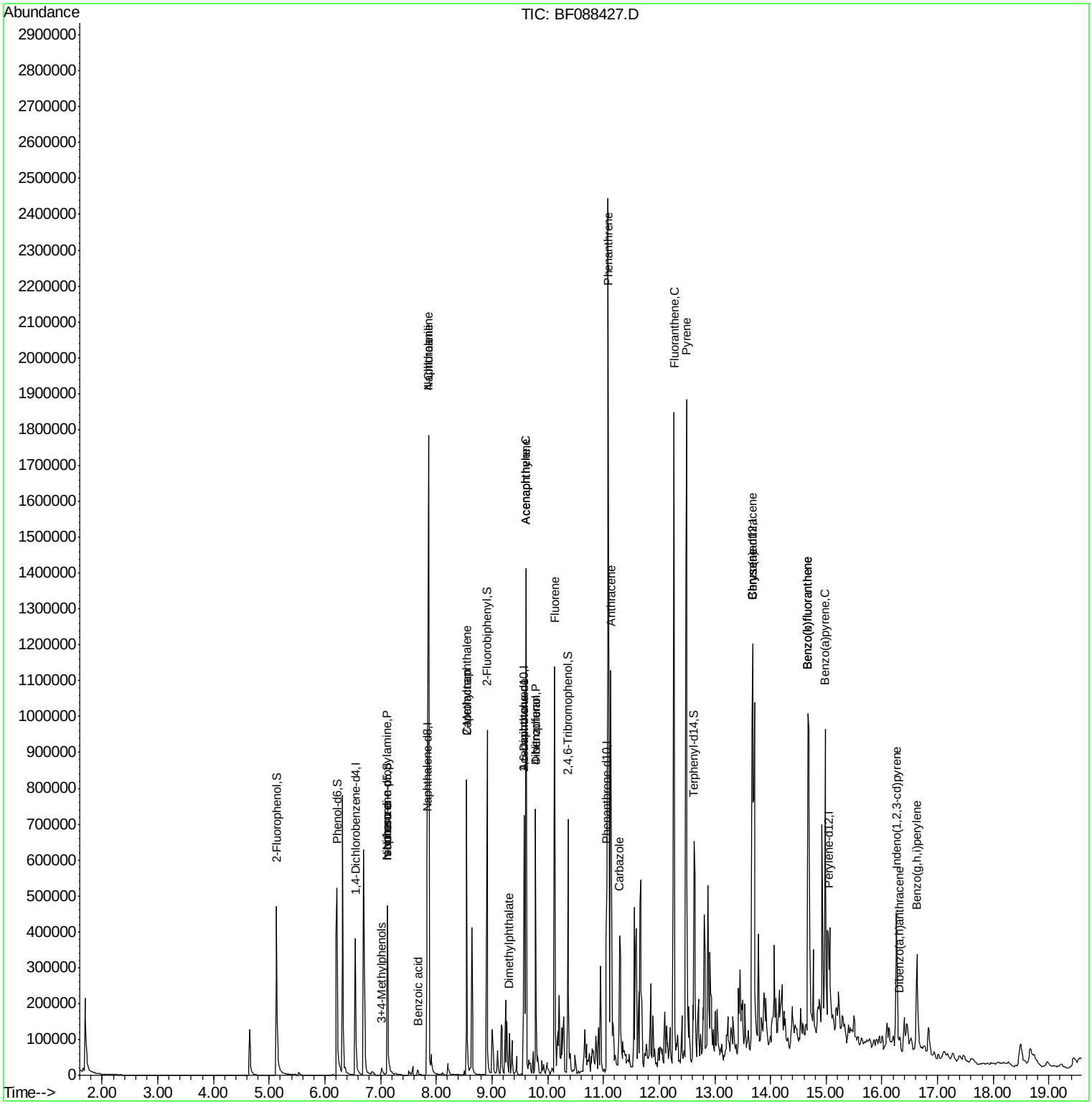
(#) = qualifier out of range (m) = manual integration (+) = signals summed

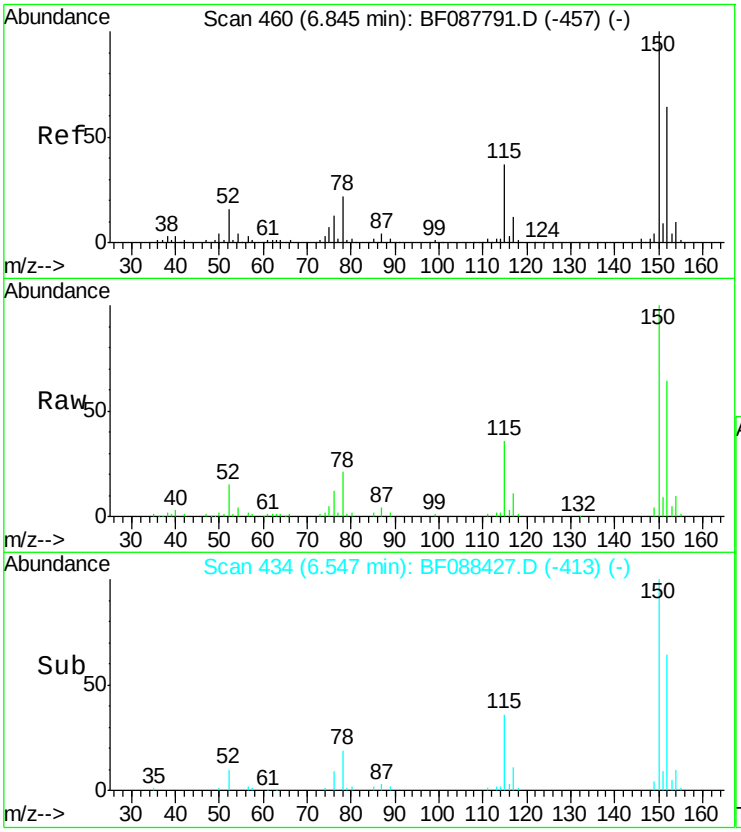
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088427.D
Acq On : 26 Jun 2016 19:26
Operator : UM/SJ
Sample : H3663-16 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 27 03:57:19 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



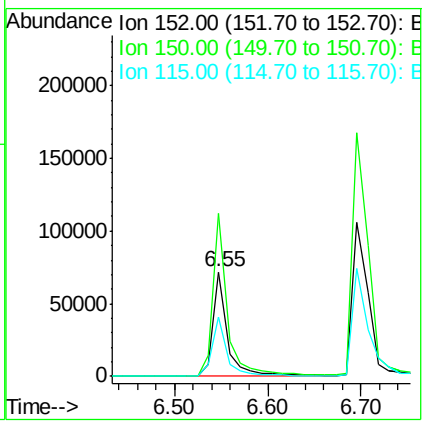


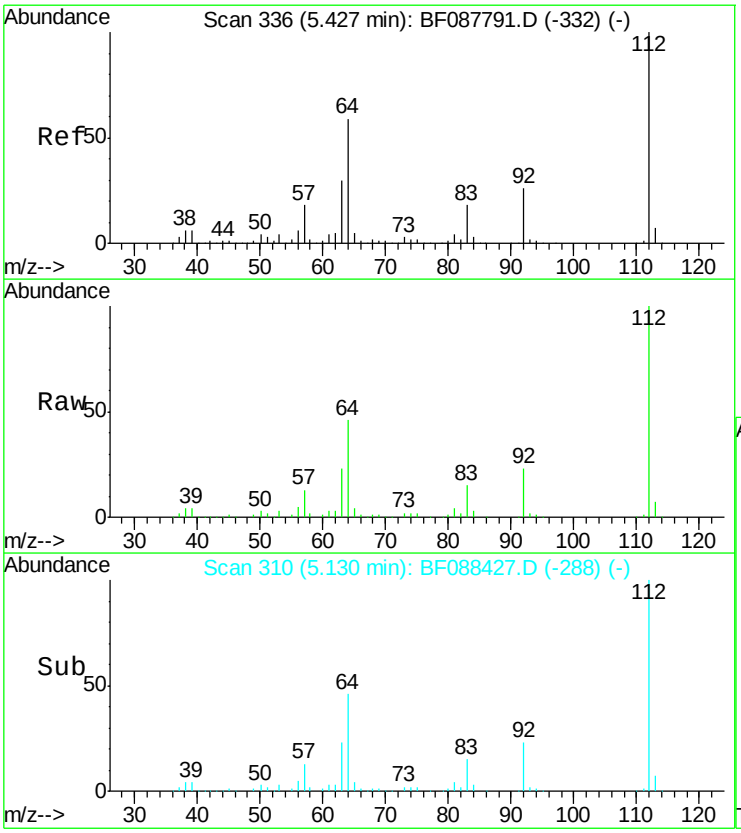
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 79237

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.8	185.6
115	56.8	39.6	59.4

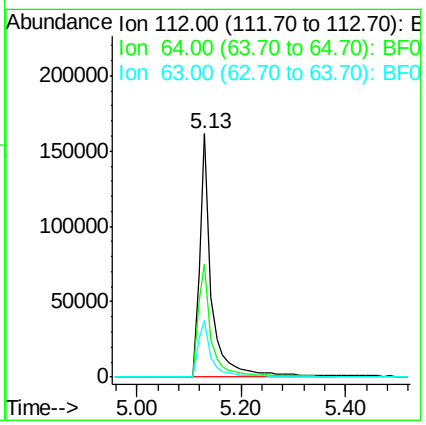


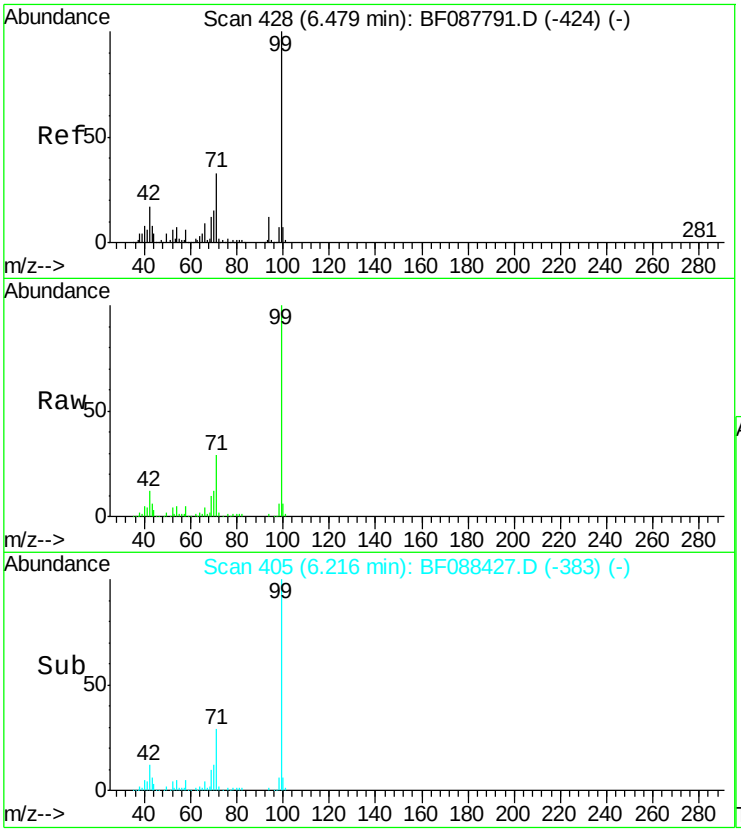


#5
2-Fluorophenol
Concen: 56.07 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.05 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:112 Resp: 259892

Ion	Ratio	Lower	Upper
112	100		
64	46.3	42.2	63.2
63	23.3	21.8	32.8



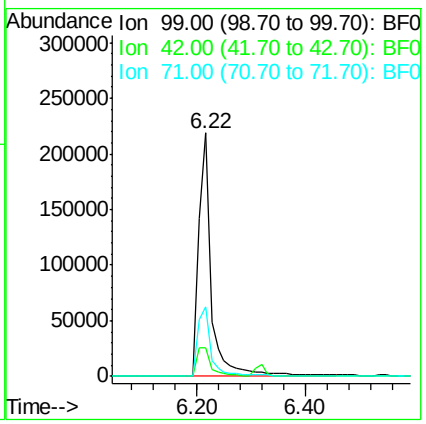


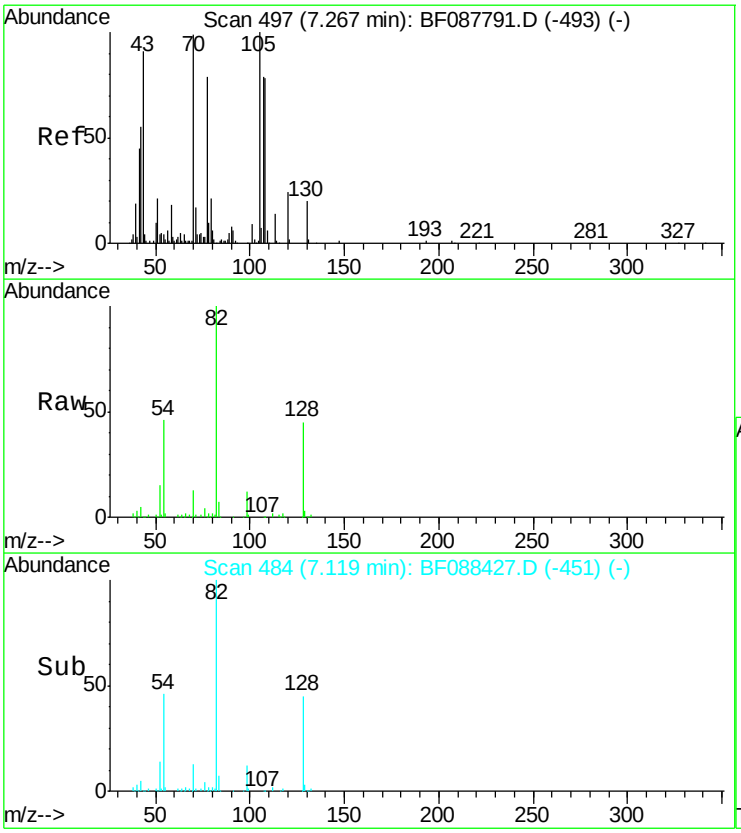
#7
Phenol-d6
Concen: 62.10 ng
RT: 6.22 min Scan# 405
Delta R.T. -0.05 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 348838

Ion	Ratio	Lower	Upper
99	100		
42	11.6	12.2	18.2#
71	28.7	23.4	35.0

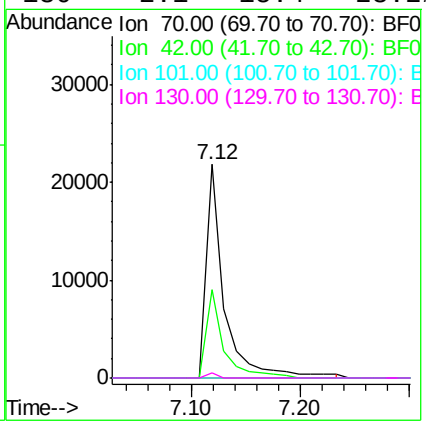


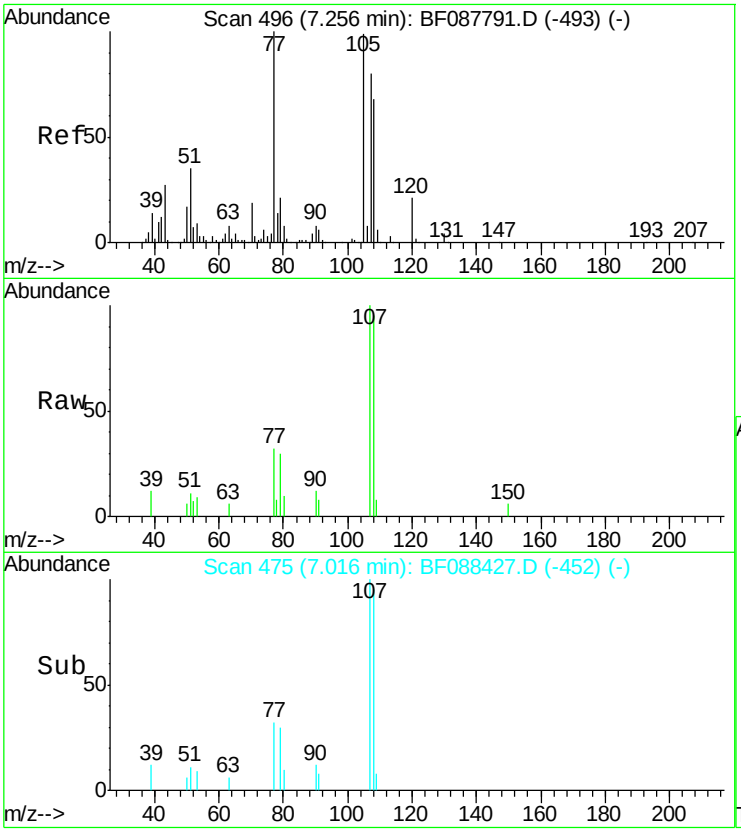


#19
n-Nitroso-di-n-propylamine
Concen: 7.06 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.08 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion: 70 Resp: 25374

Ion	Ratio	Lower	Upper
70	100		
42	41.4	49.6	74.4#
101	0.0	7.1	10.7#
130	2.1	15.4	23.2#



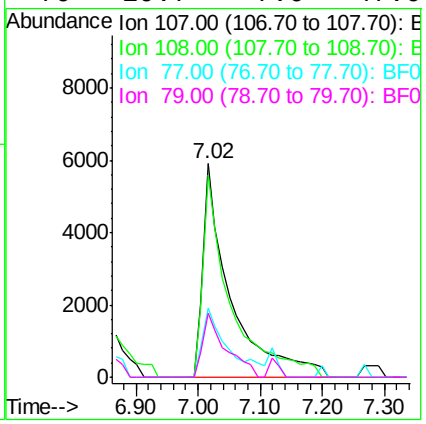


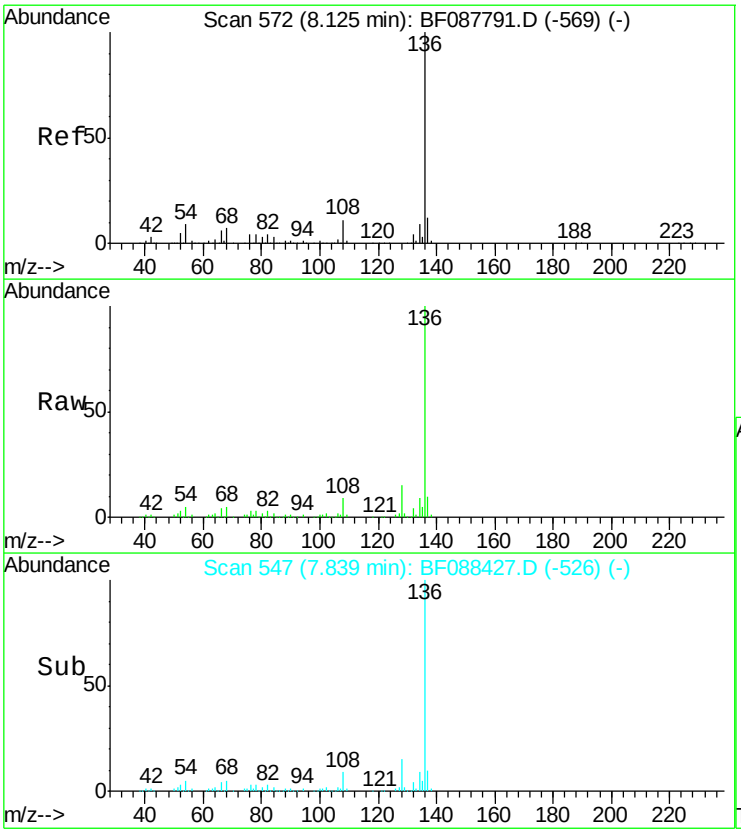
#20
3+4-Methylphenols
Concen: 3.50 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 18166

Ion	Ratio	Lower	Upper
107	100		
108	94.5	67.8	107.8
77	32.2	59.3	99.3#
79	29.7	7.0	47.0

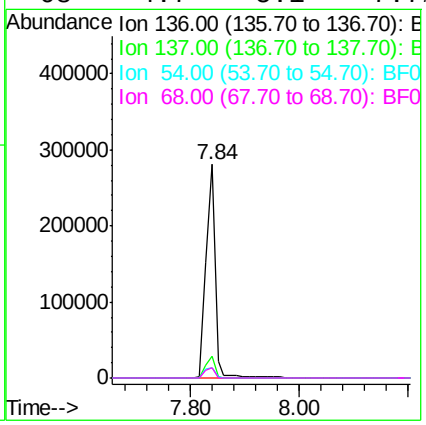


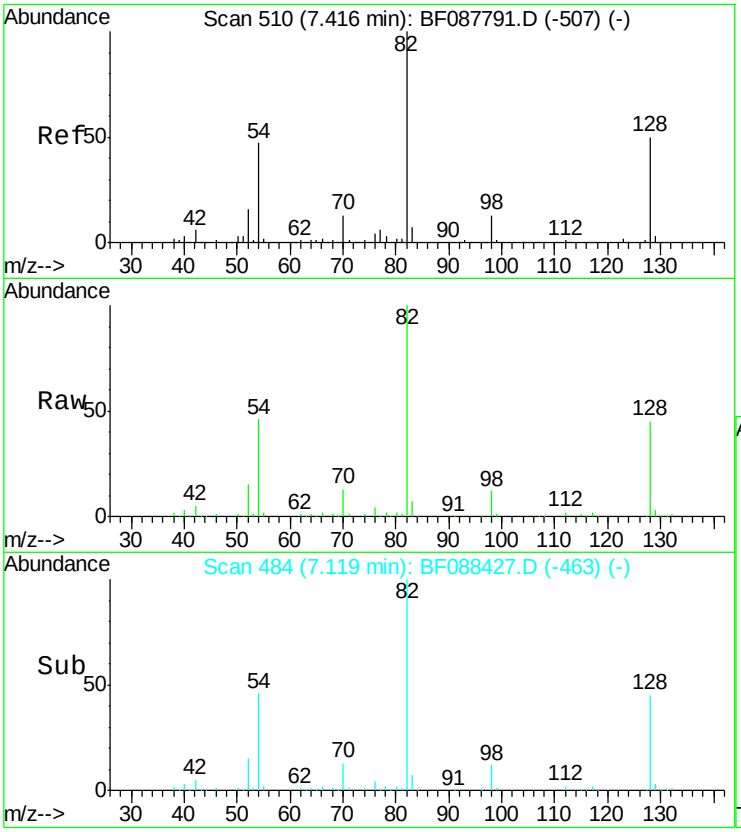


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:136 Resp: 330362

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.0	6.6	10.0#
68	4.7	5.1	7.7#



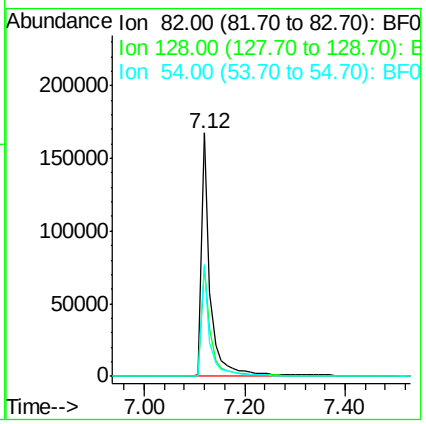


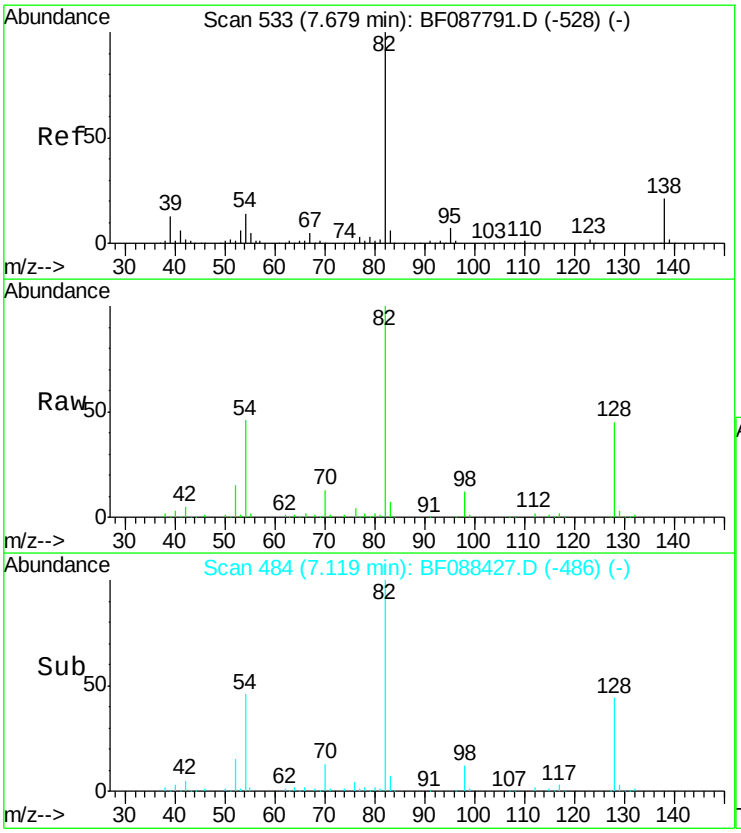
#23
Nitrobenzene-d5
Concen: 36.59 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.06 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 207030

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.9	53.9
54	45.7	40.9	61.3

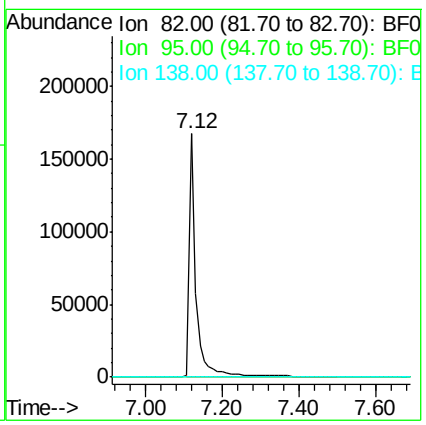


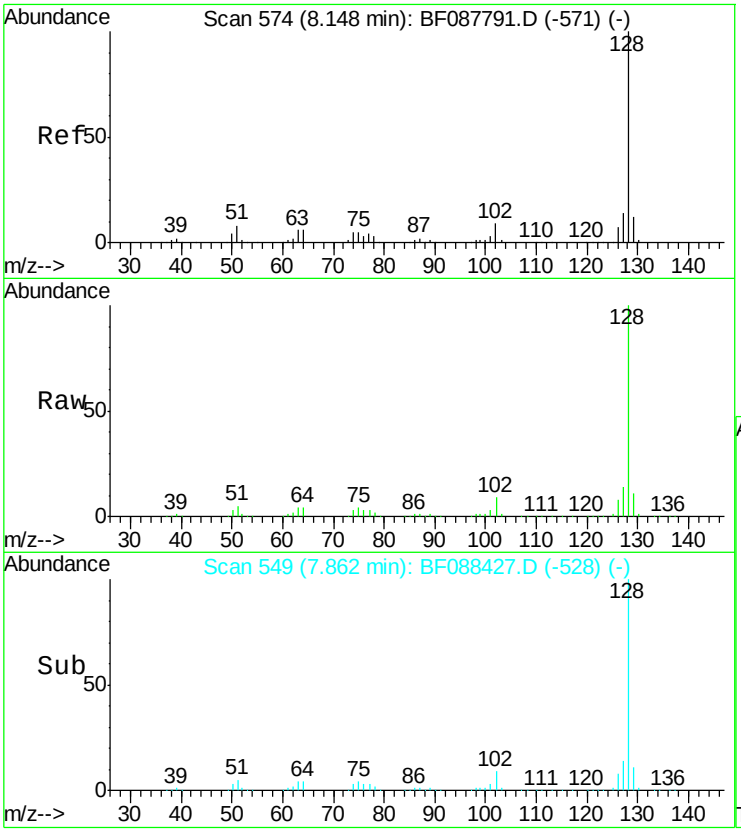


#25
Isophorone
Concen: 19.25 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.32 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion: 82 Resp: 201718

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



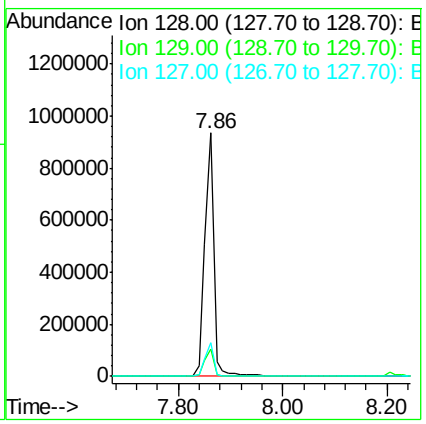


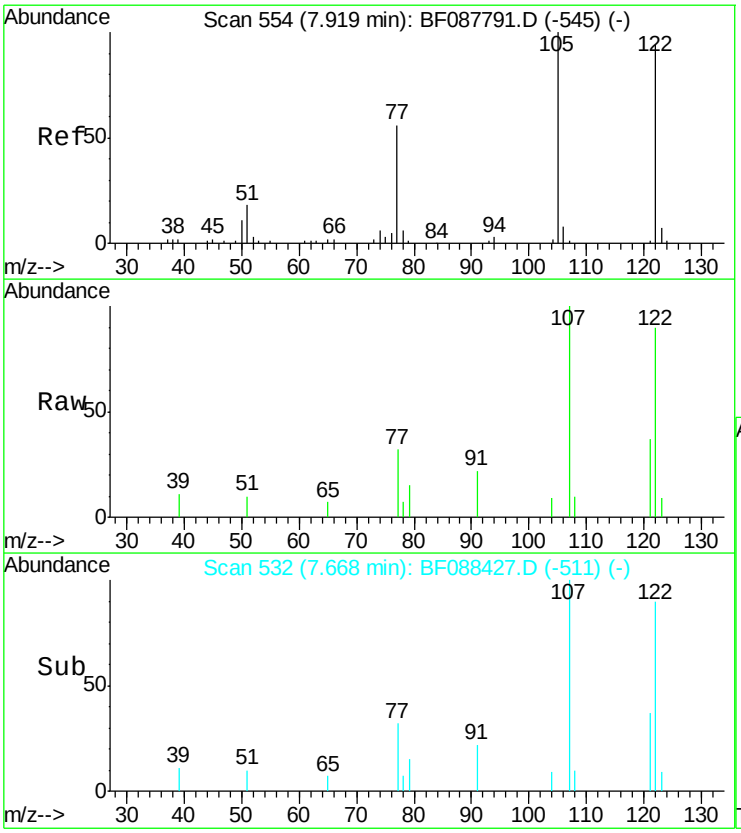
#31
Naphthalene
Concen: 68.44 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.06 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 1118950

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	13.6	10.9	16.3

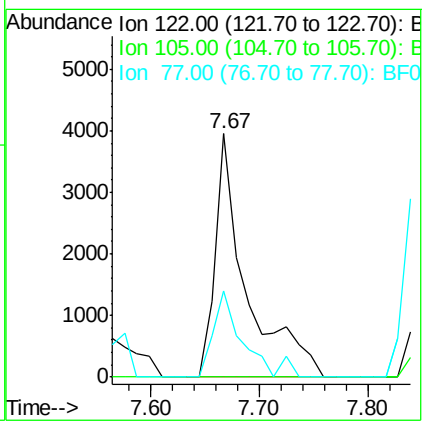


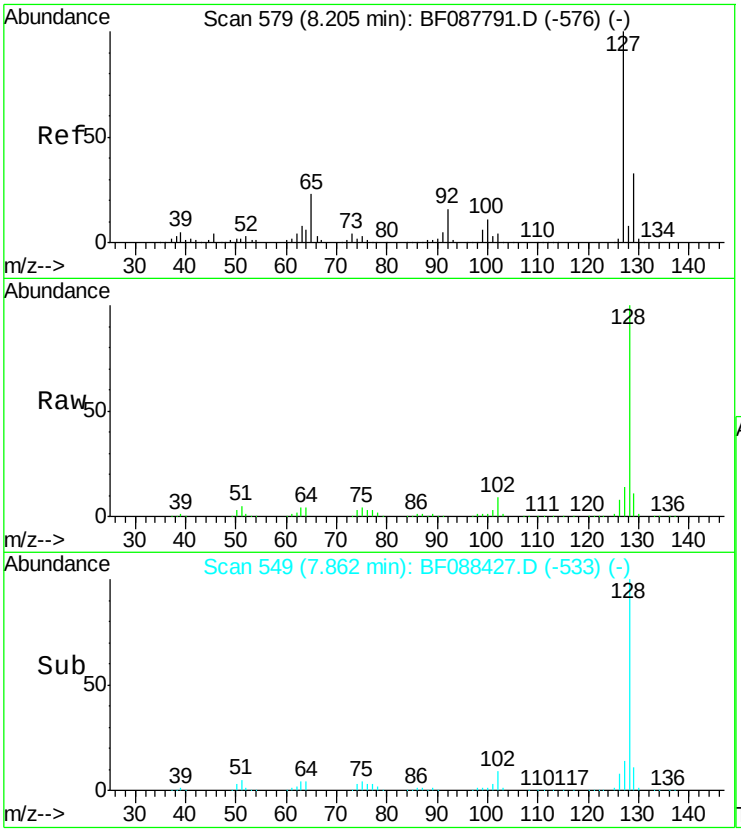


#32
Benzoic acid
Concen: 2.62 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.06 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:122 Resp: 7807

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.6	141.6#
77	35.2	70.6	110.6#



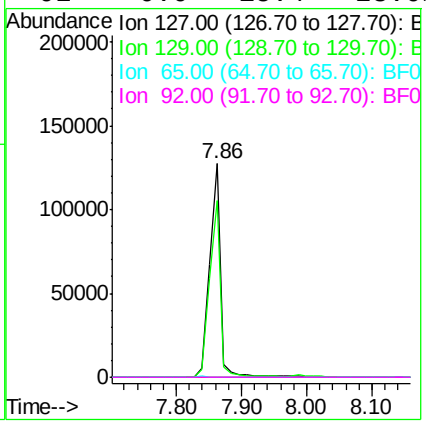


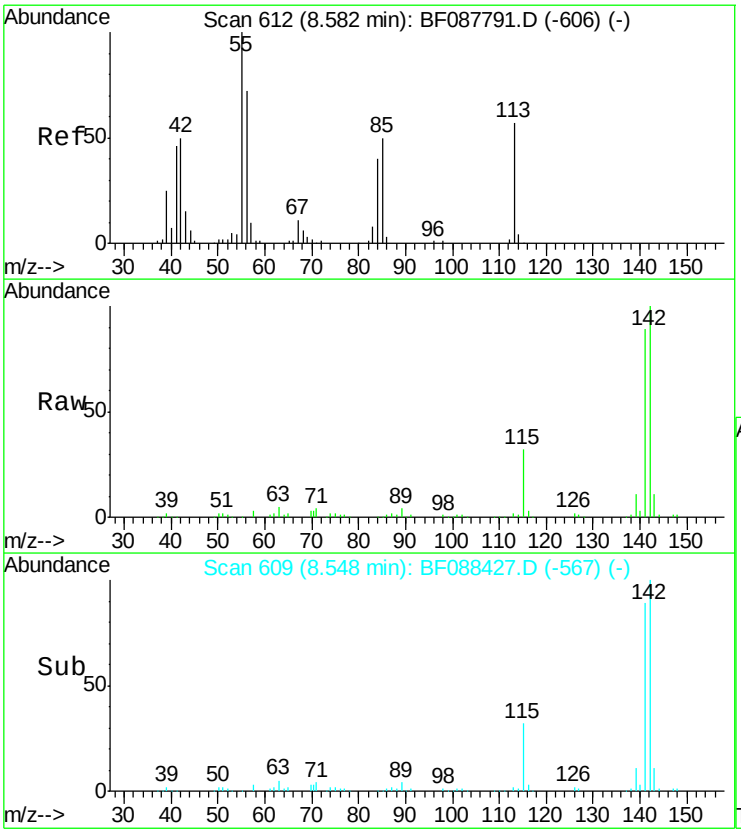
#33
4-Chloroaniline
Concen: 20.50 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.11 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 149683

Ion	Ratio	Lower	Upper
127	100		
129	82.5	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#

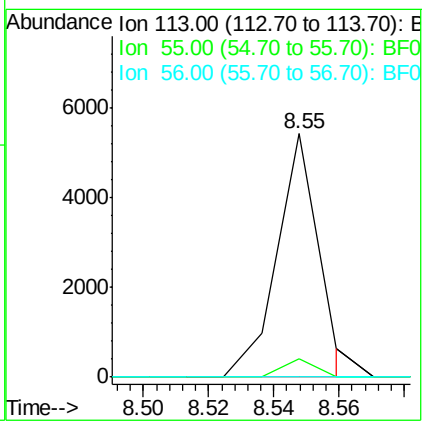


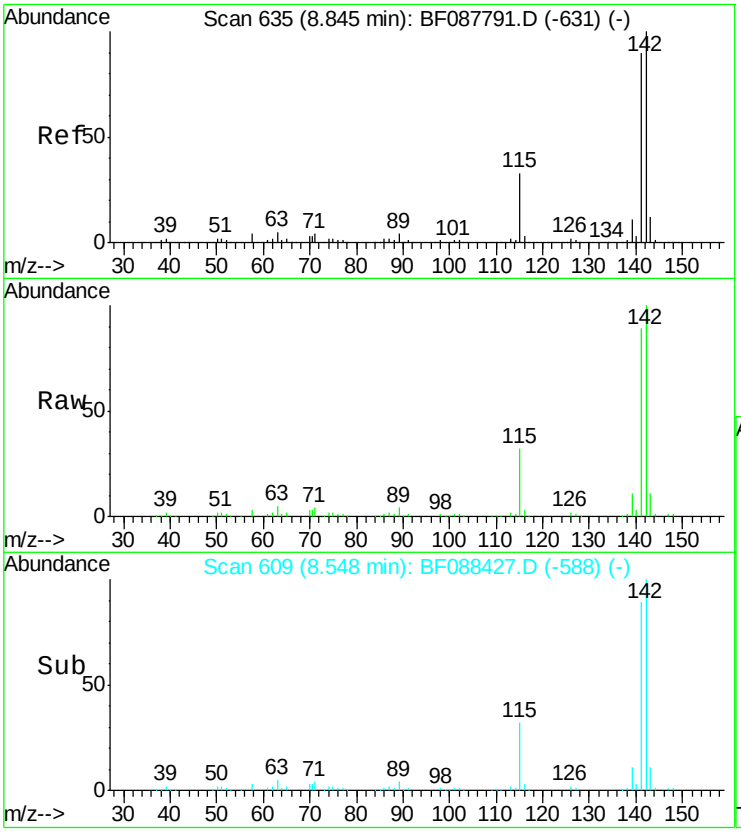


#35
Caprolactam
Concen: 3.22 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.18 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:113 Resp: 4811

Ion	Ratio	Lower	Upper
113	100		
55	7.7	158.6	198.6#
56	0.0	110.6	150.6#



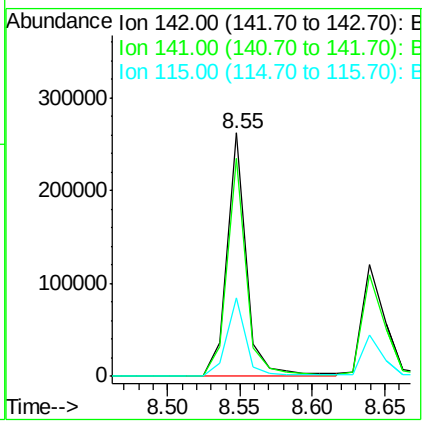


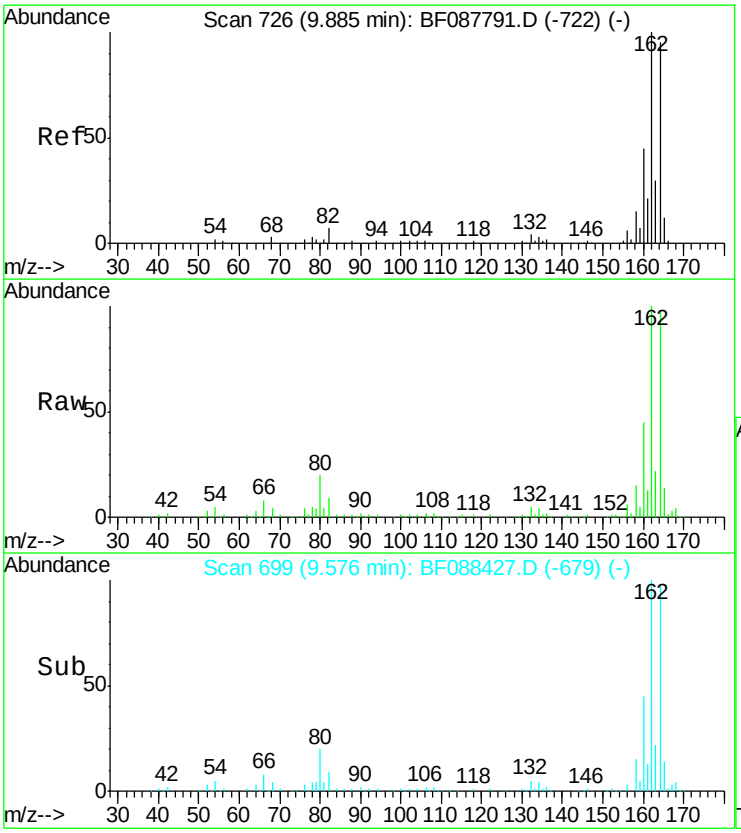
#37
2-Methylnaphthalene
Concen: 22.71 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.06 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 244727

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.6
115	32.5	22.6	33.8

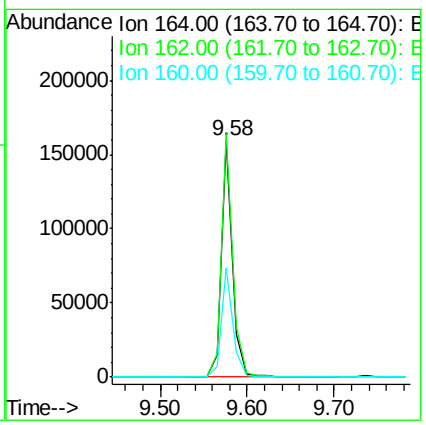


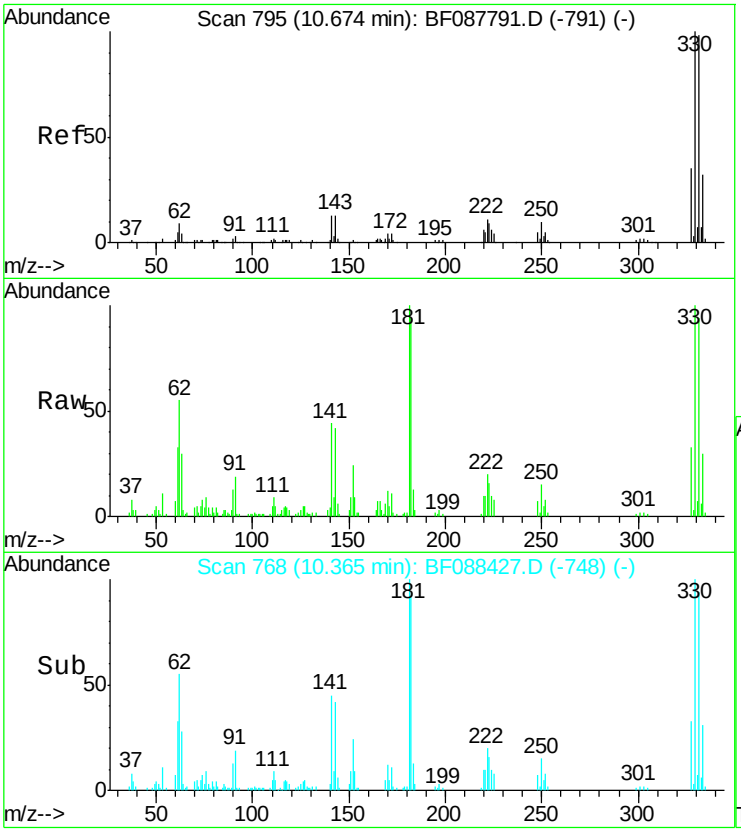


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.07 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:164 Resp: 144390

Ion	Ratio	Lower	Upper
164	100		
162	103.2	85.4	128.2
160	46.3	39.5	59.3



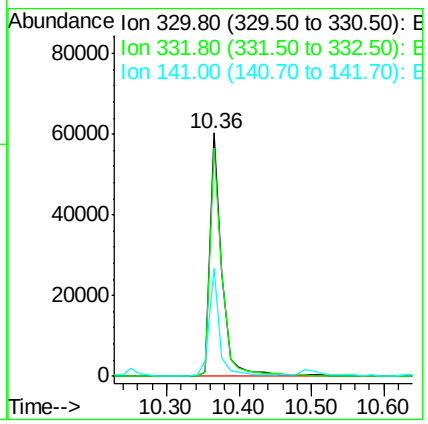


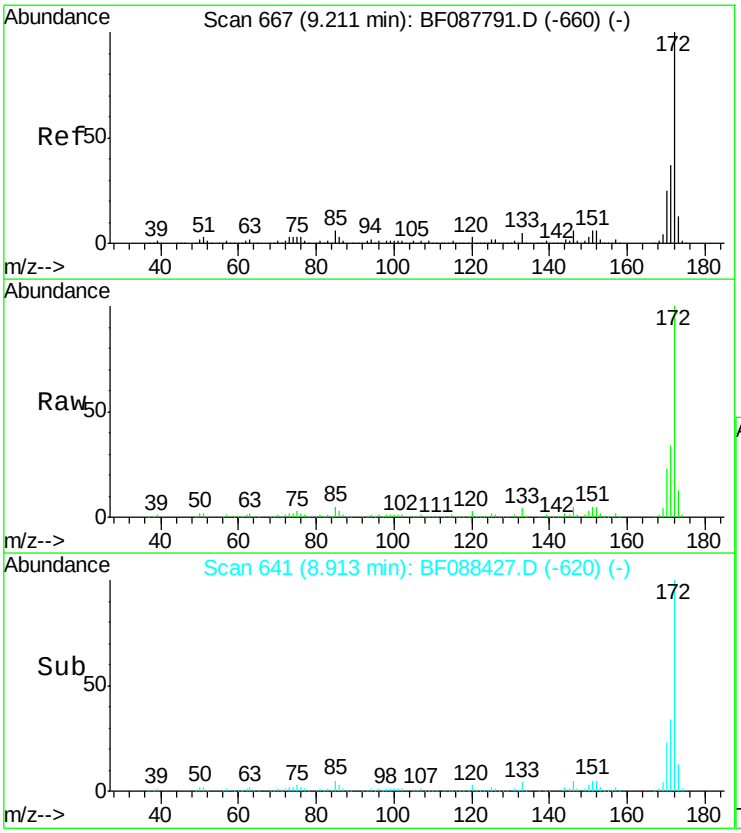
#41
2,4,6-Tribromophenol
Concen: 44.87 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.07 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 68414

Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	40.5	0.0	0.0#

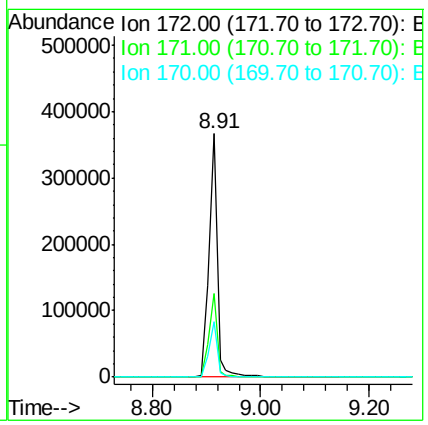


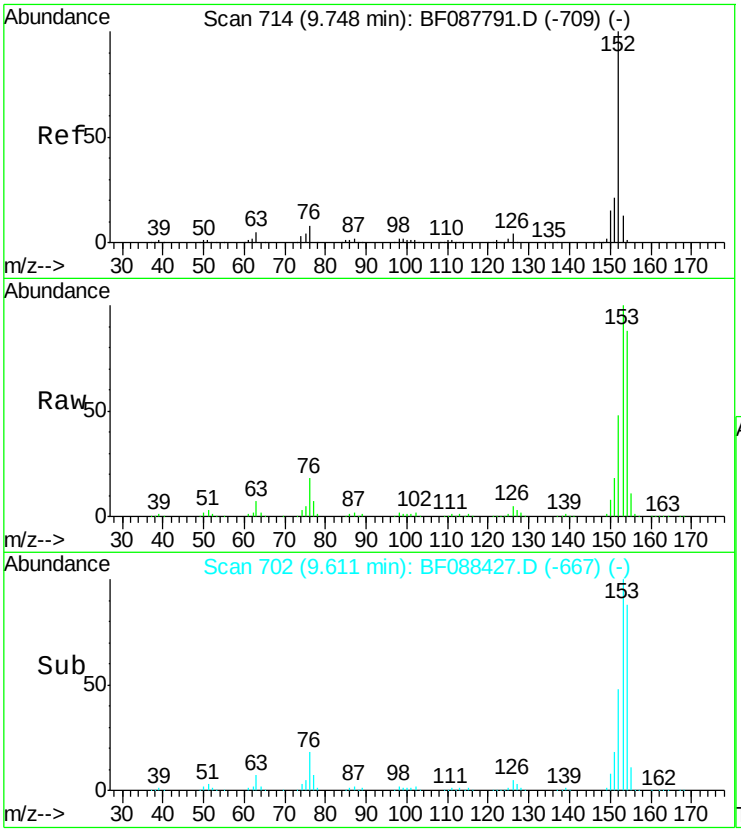


#44
2-Fluorobiphenyl
Concen: 39.76 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:172 Resp: 392551

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	43.0
170	22.8	19.2	28.8



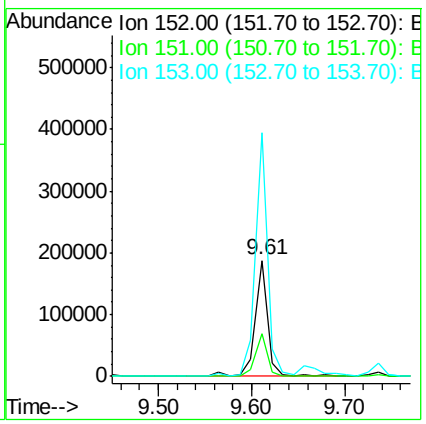


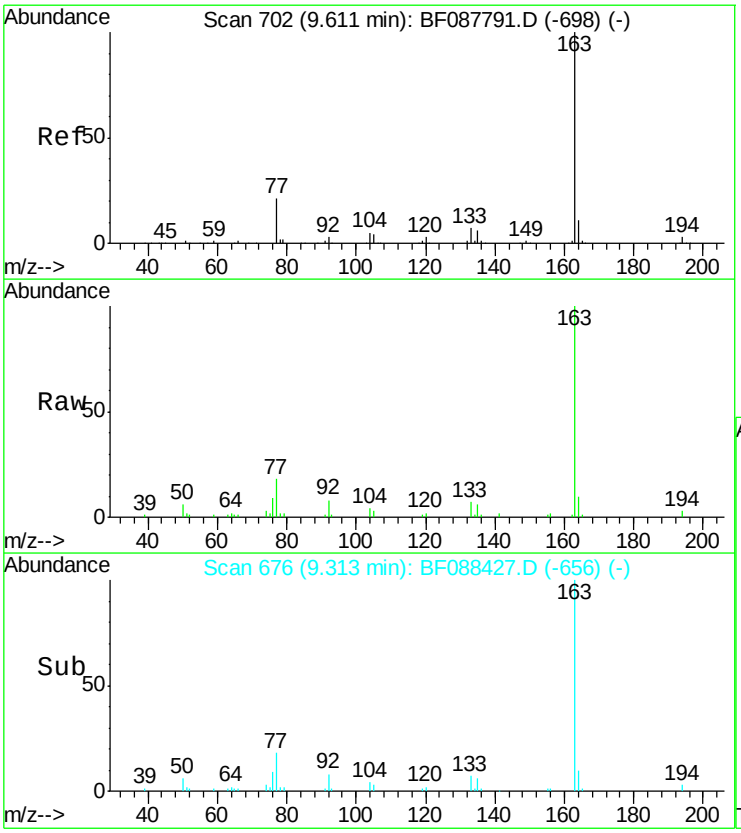
#48
Acenaphthylene
Concen: 12.01 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.10 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 178421

Ion	Ratio	Lower	Upper
152	100		
151	37.0	16.2	24.4#
153	209.5	11.0	16.6#

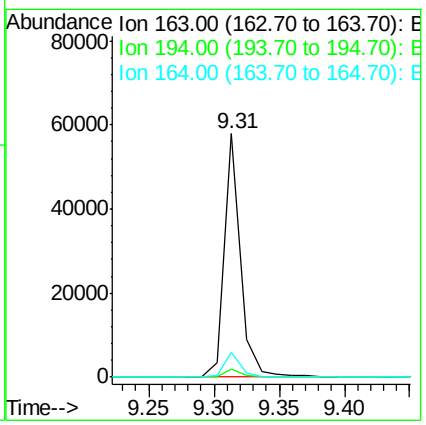


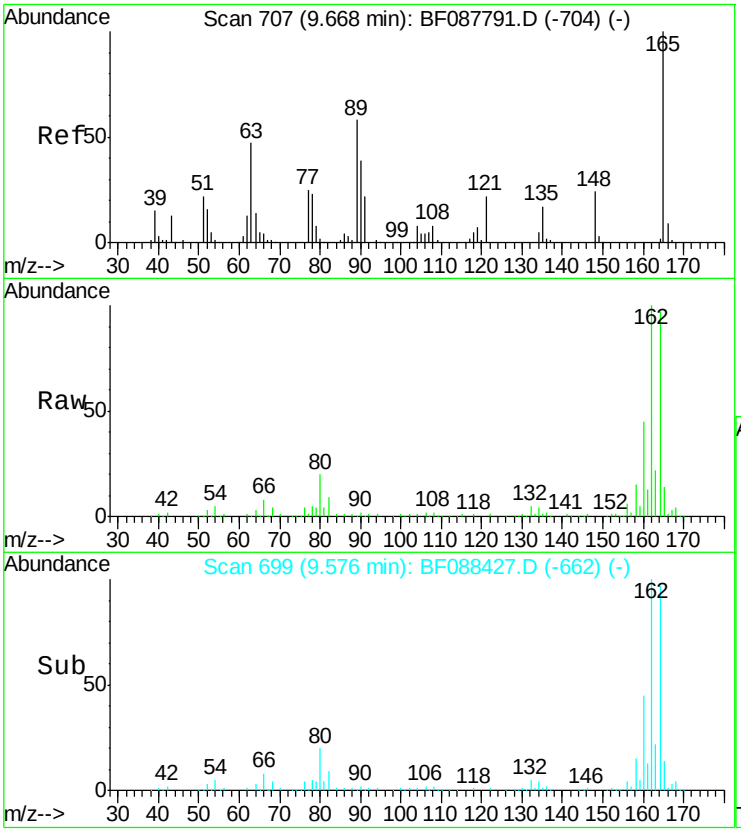


#49
Dimethylphthalate
Concen: 4.81 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.07 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:163 Resp: 50285

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.1	8.3	12.5



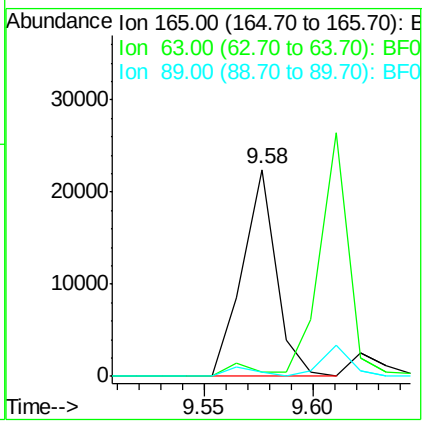


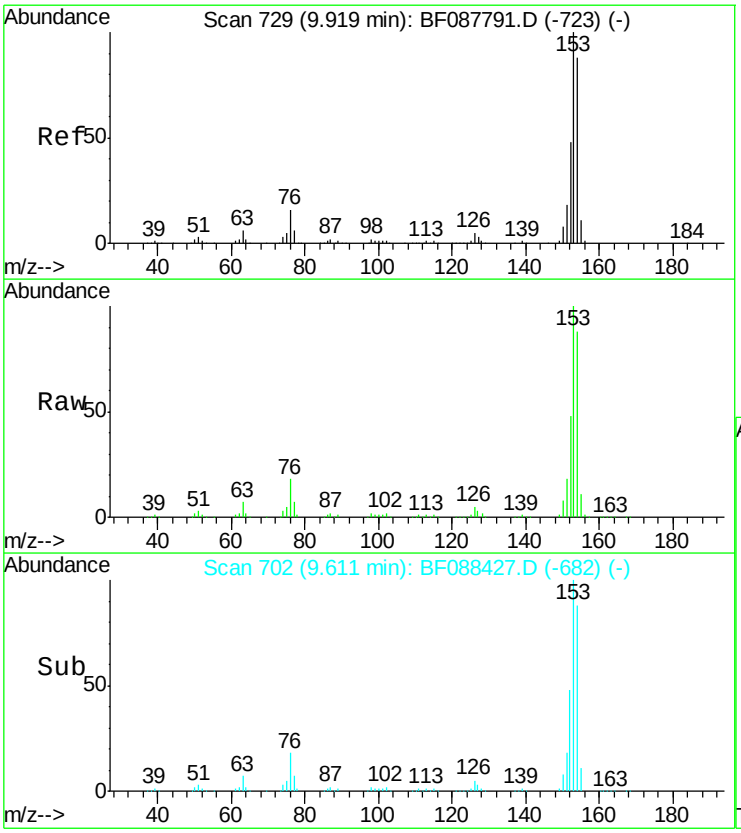
#50
2,6-Dinitrotoluene
Concen: 10.11 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.13 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 24228

Ion	Ratio	Lower	Upper
165	100		
63	2.3	28.1	42.1#
89	2.0	32.2	48.2#

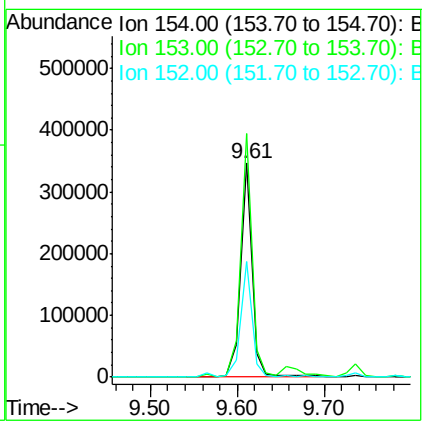


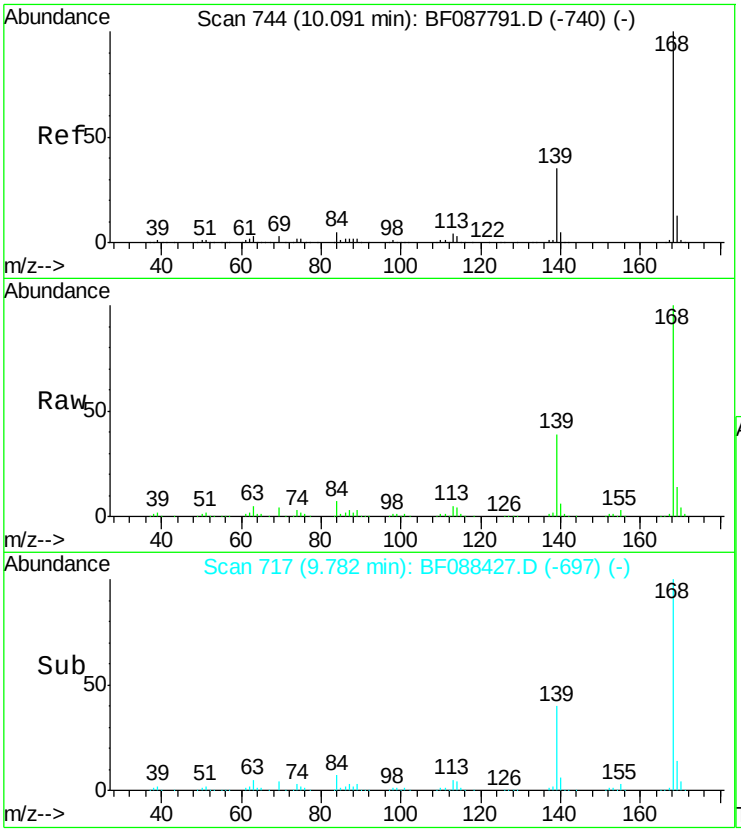


#51
Acenaphthene
Concen: 34.11 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.07 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:154 Resp: 316285

Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.5	134.3
152	54.3	42.7	64.1



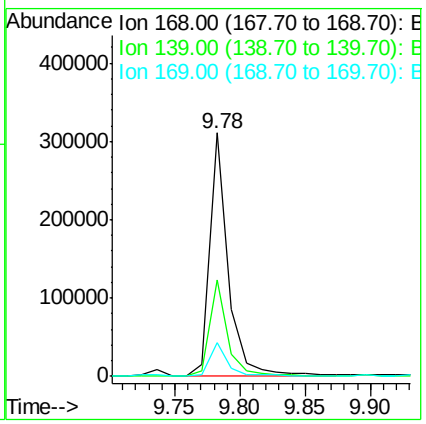


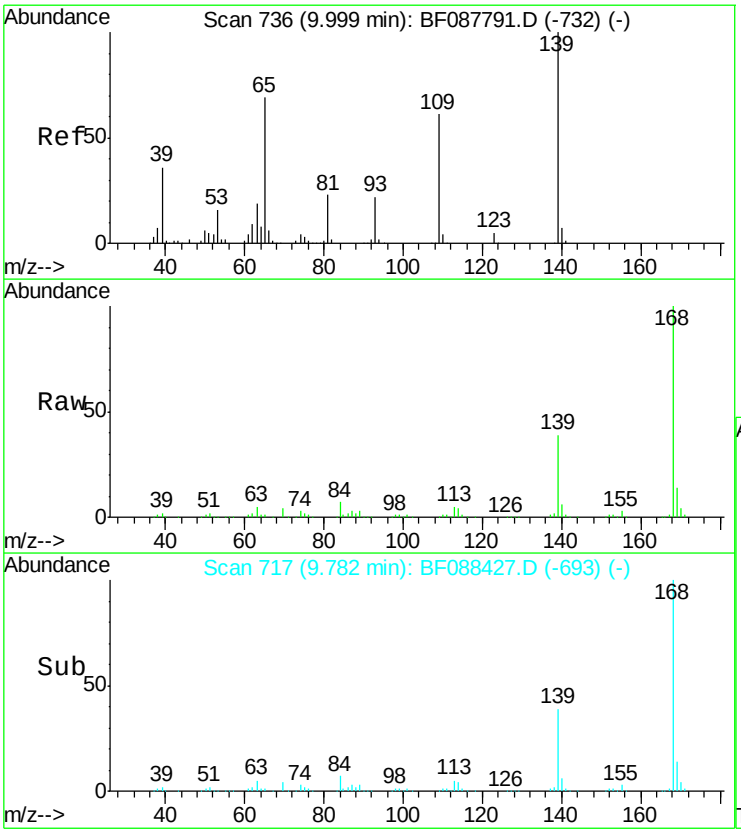
#54
Dibenzofuran
Concen: 24.25 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.07 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 309682

Ion	Ratio	Lower	Upper
168	100		
139	39.5	26.4	39.6
169	14.1	10.4	15.6

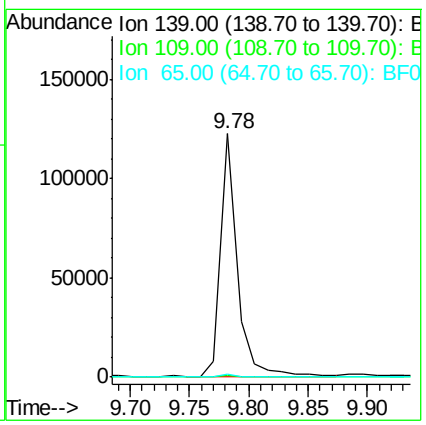


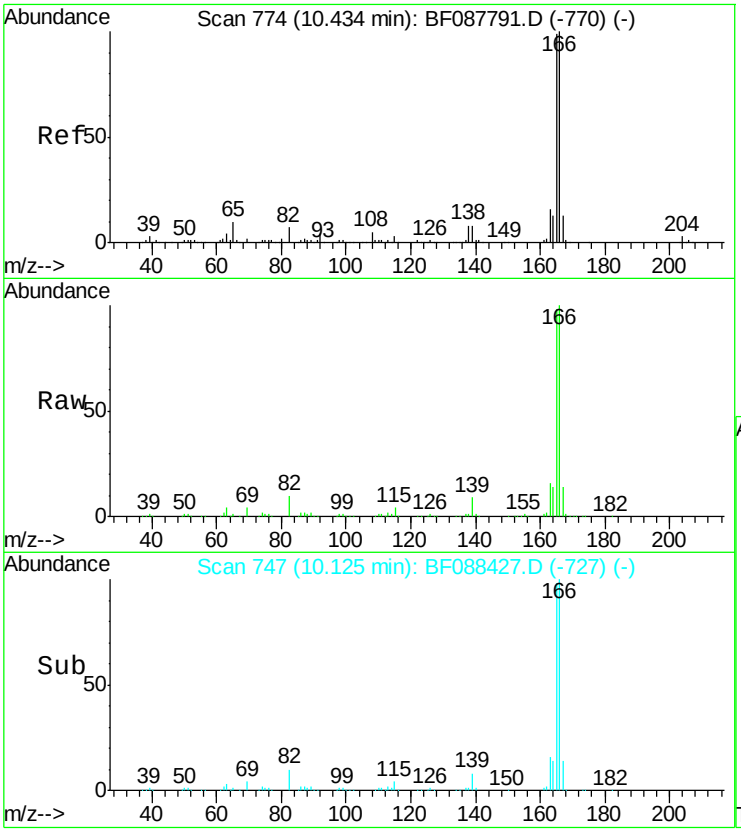


#55
4-Nitrophenol
Concen: 56.06 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:139 Resp: 120257

Ion	Ratio	Lower	Upper
139	100		
109	0.8	48.9	88.9#
65	1.4	84.9	124.9#



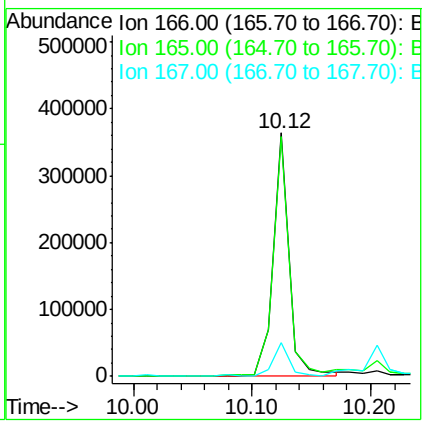


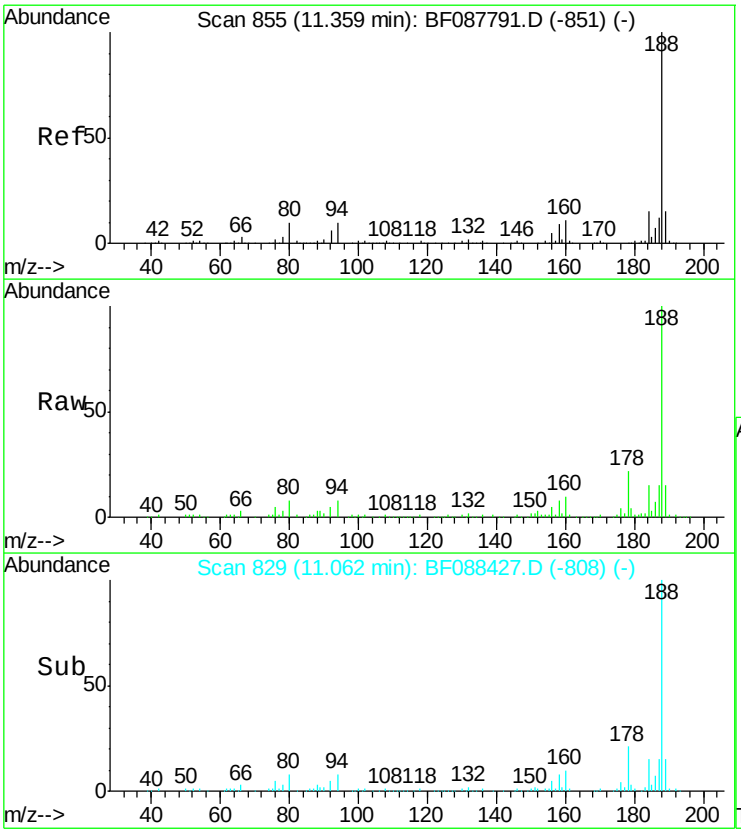
#57
Fluorene
Concen: 39.00 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.07 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 342085

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.8
167	13.7	11.2	16.8

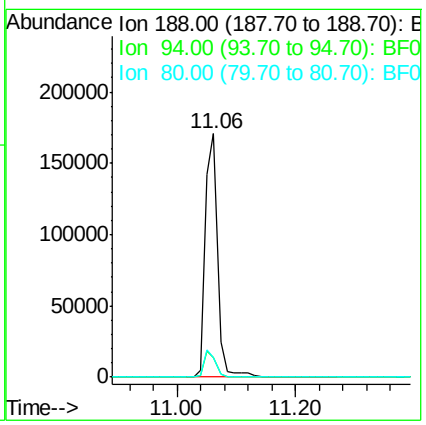


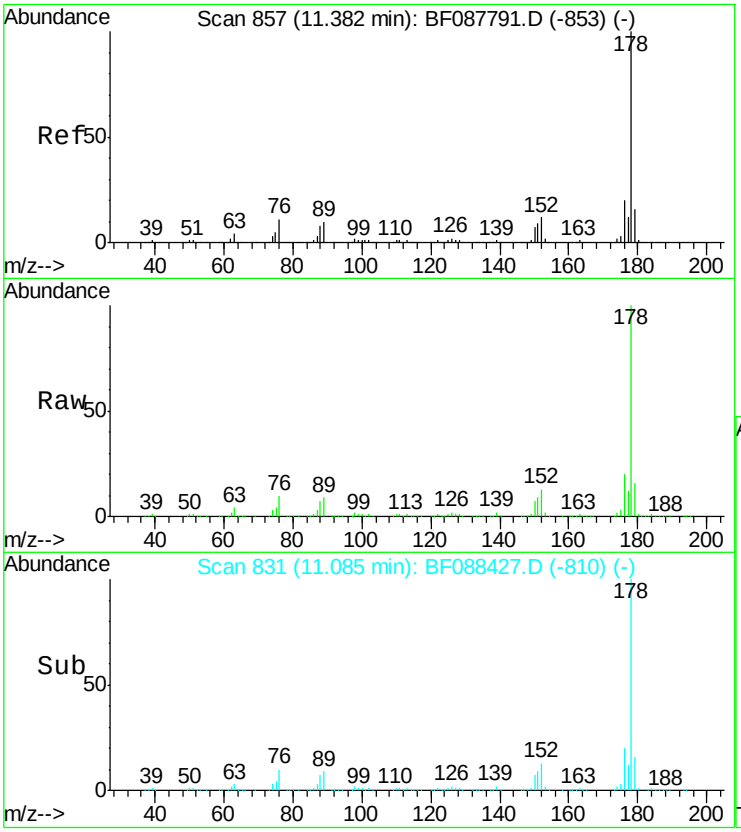


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:188 Resp: 246912

Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.0	13.6#
80	8.3	10.0	15.0#

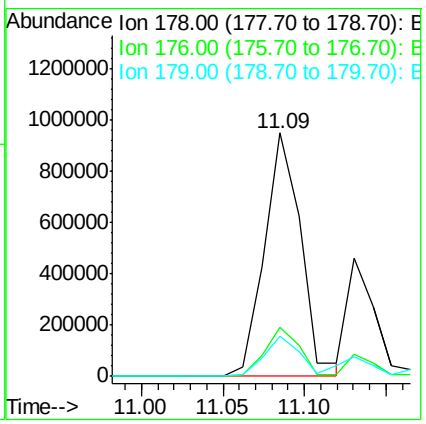




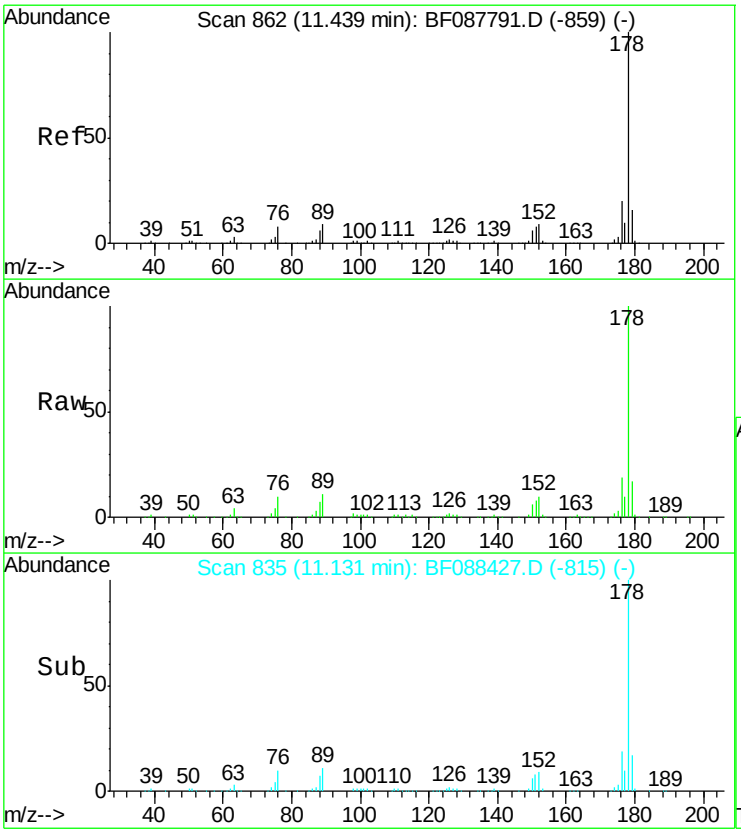
#70
Phenanthrene
Concen: 113.42 ng
RT: 11.09 min Scan# 831
Delta R.T. -0.06 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:178 Resp: 1469551

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.6
179	16.3	13.0	19.4



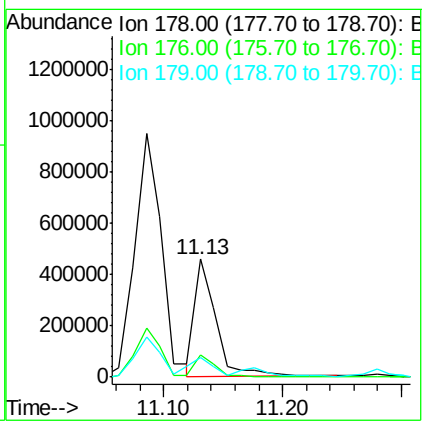
Instrument :
BNA_G
ClientSampleId :

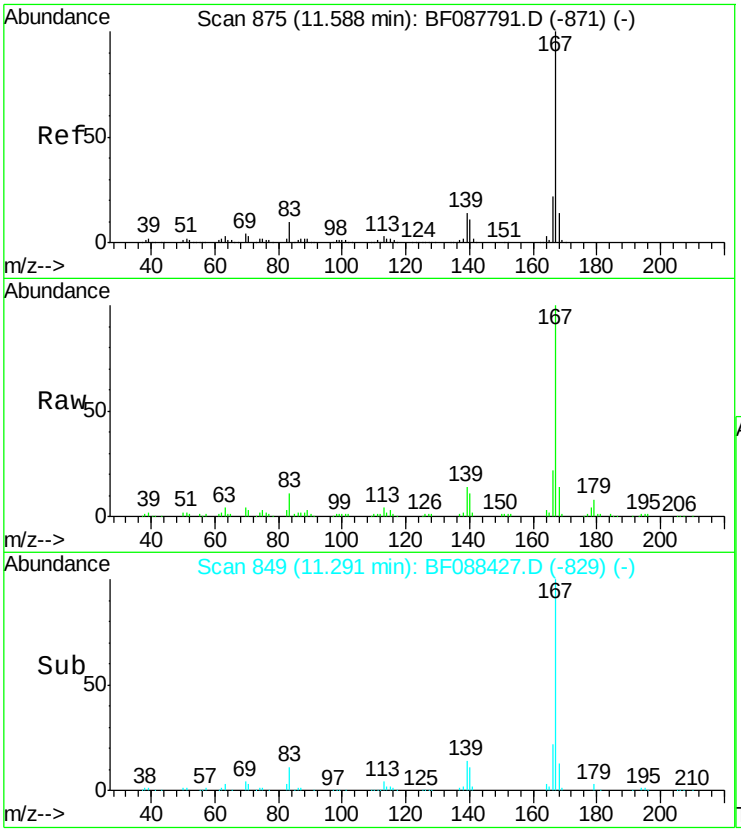


#71
Anthracene
Concen: 44.01 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.07 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:178 Resp: 575198

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	17.0	12.8	19.2



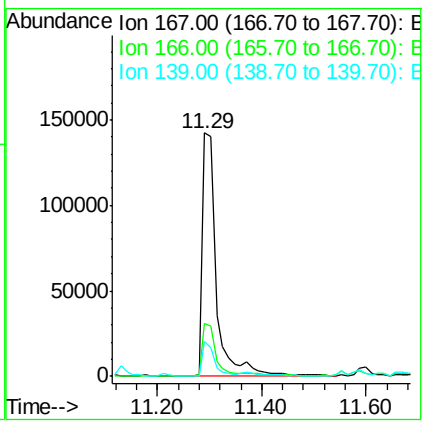


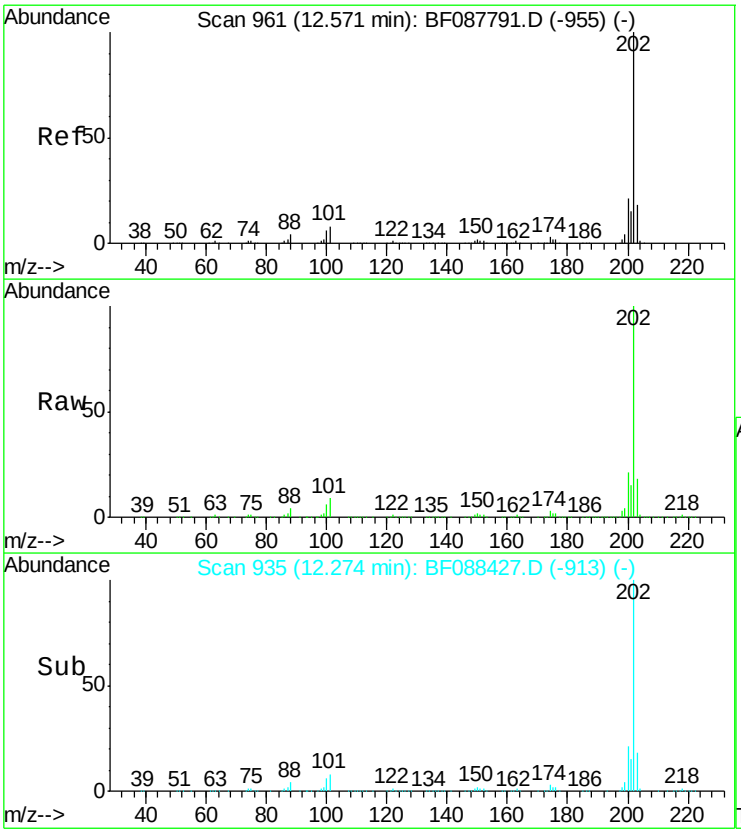
#72
Carbazole
Concen: 22.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.07 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 269064

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	14.3	11.2	16.8

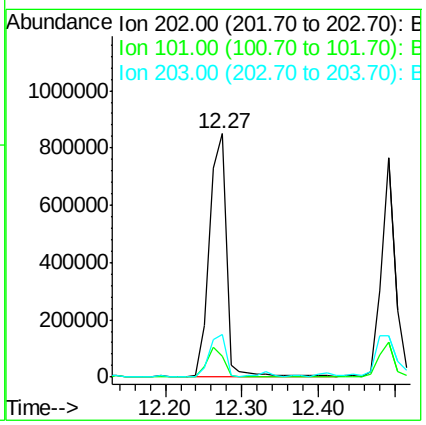


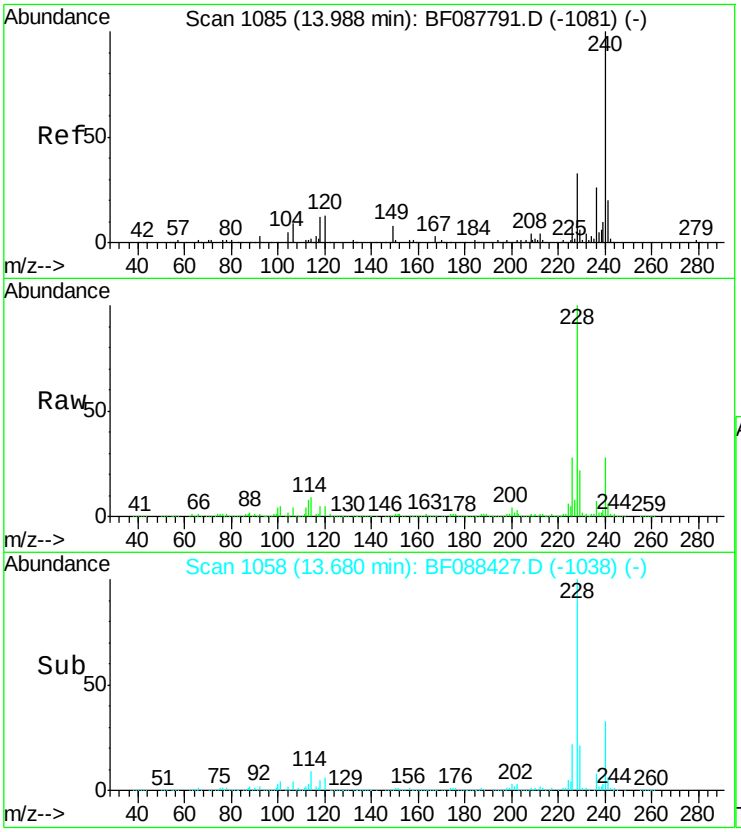


#74
Fluoranthene
Concen: 94.93 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.05 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:202 Resp: 1297971

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	33.1
203	17.7	0.0	38.1



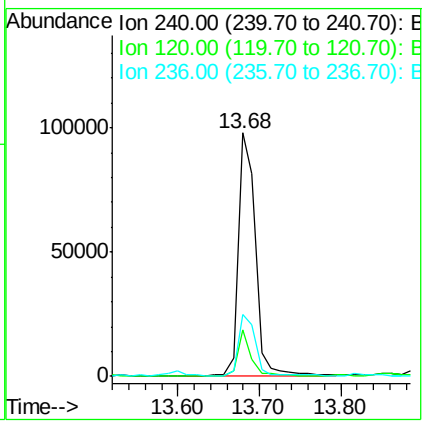


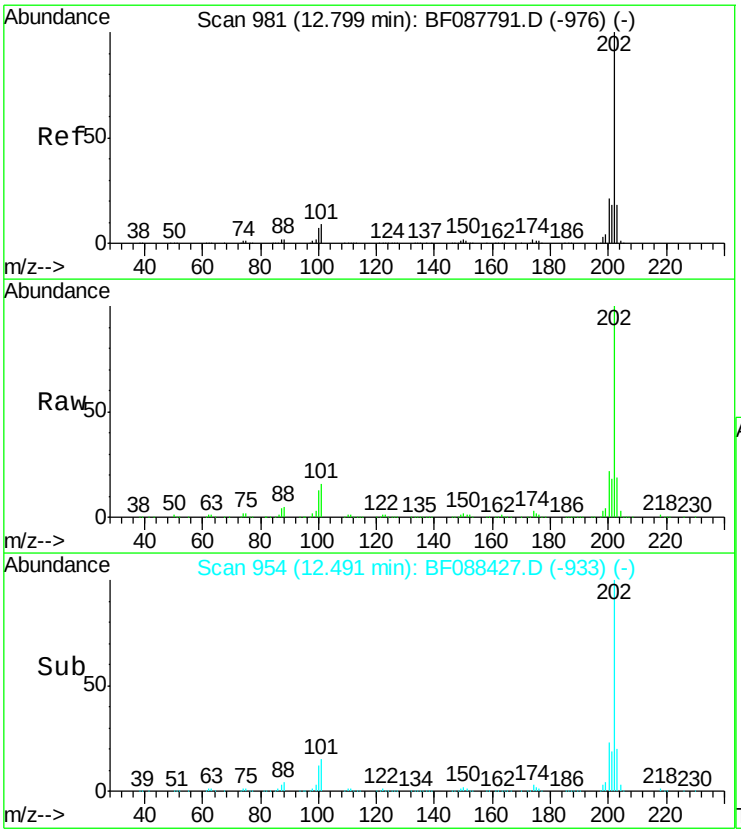
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.07 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 143656

Ion	Ratio	Lower	Upper
240	100		
120	19.1	6.8	10.2#
236	25.2	20.2	30.2

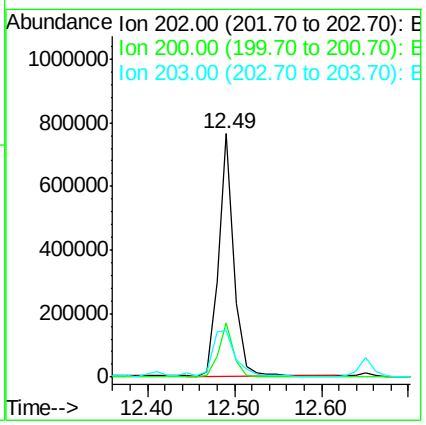


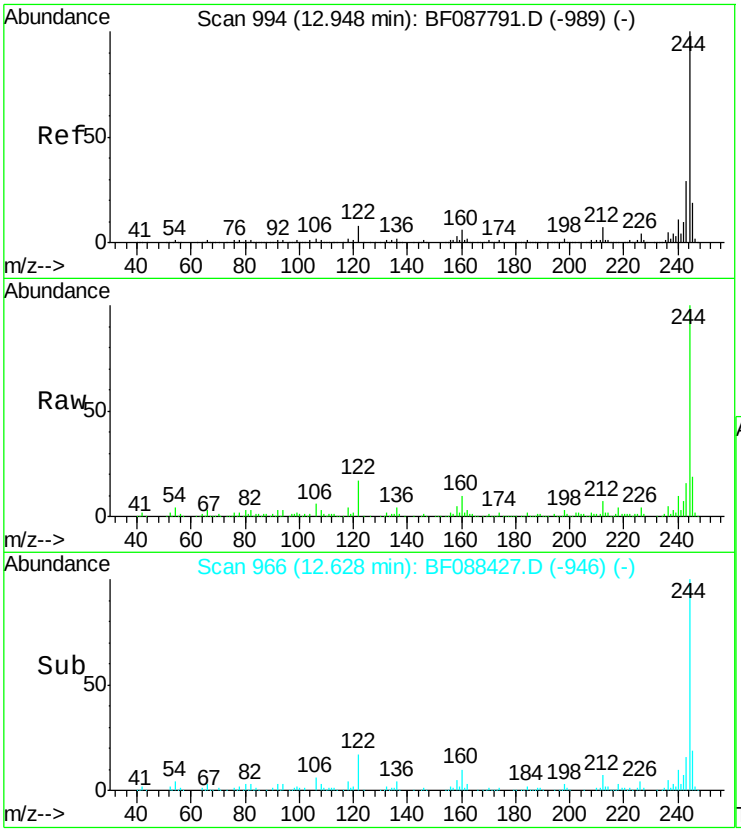


#77
Pyrene
Concen: 88.21 ng
RT: 12.49 min Scan# 954
Delta R.T. -0.06 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:202 Resp: 940380

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	19.1	14.5	21.7



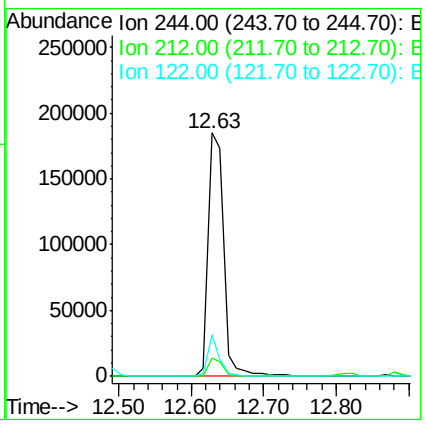


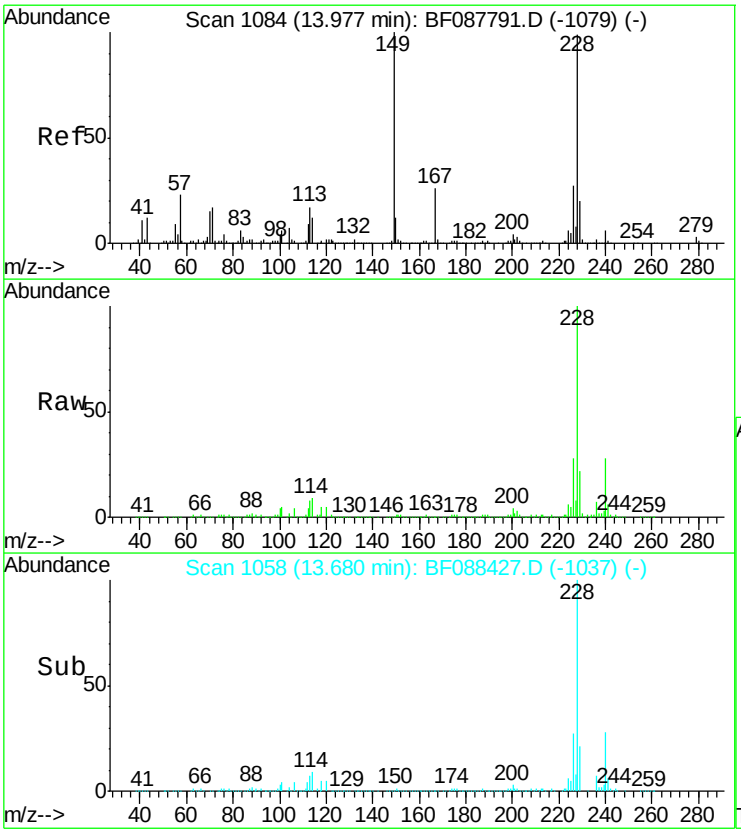
#78
Terphenyl-d14
Concen: 43.57 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.07 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 275068

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	17.1	11.2	16.8#

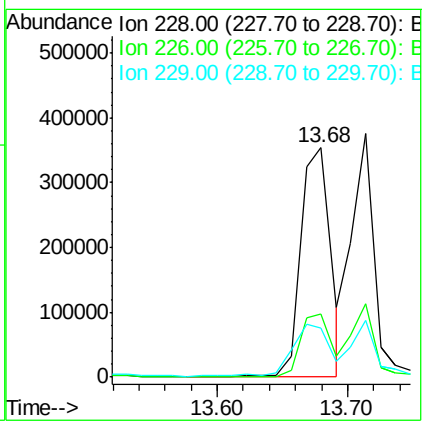


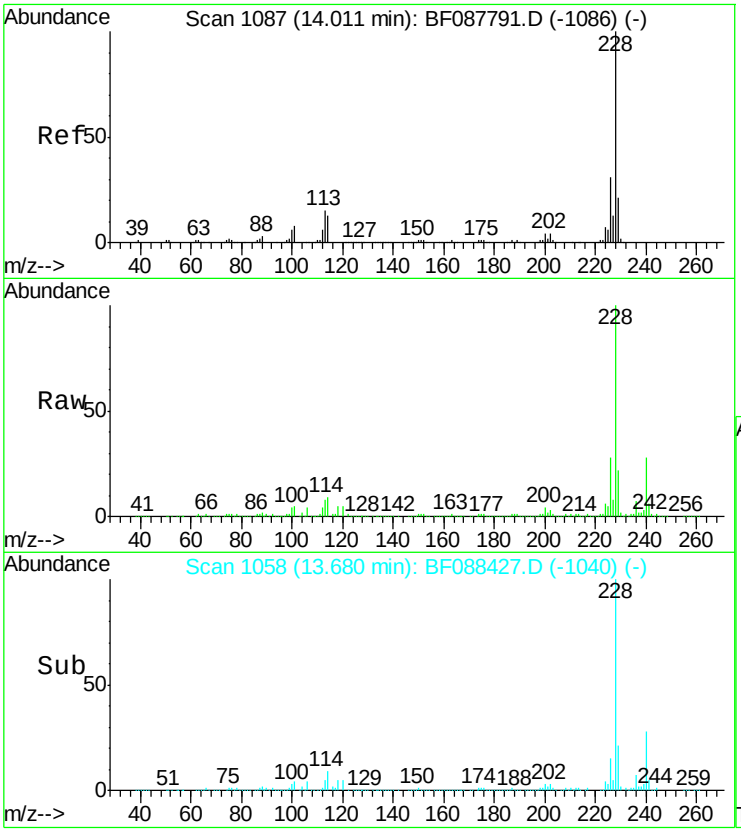


#80
Benzo(a)anthracene
Concen: 68.73 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.06 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:228 Resp: 562640

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	21.5	16.0	24.0



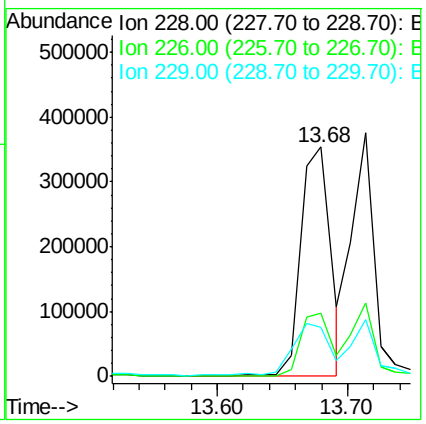


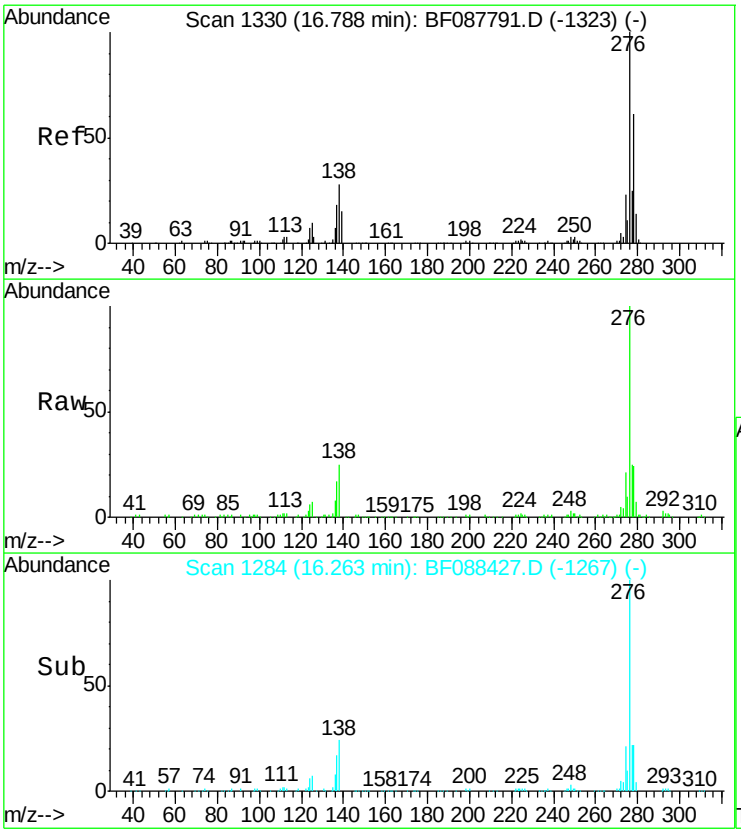
#82
Chrysene
Concen: 73.05 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.09 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 562640

Ion	Ratio	Lower	Upper
228	100		
226	27.7	25.4	38.2
229	21.5	16.3	24.5

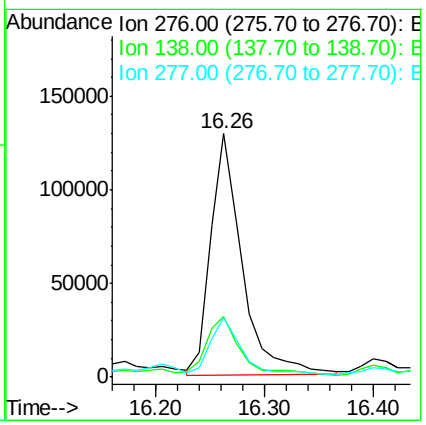


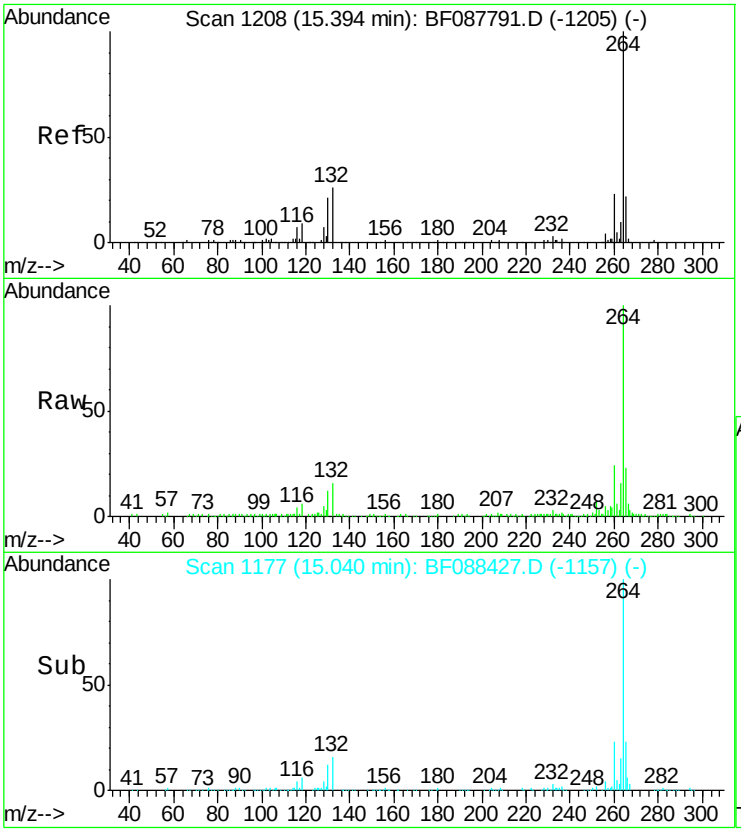


#85
Indeno(1,2,3-cd)pyrene
Concen: 36.32 ng
RT: 16.26 min Scan# 1284
Delta R.T. -0.10 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:276 Resp: 259894

Ion	Ratio	Lower	Upper
276	100		
138	27.1	0.0	0.0#
277	22.7	0.0	0.0#



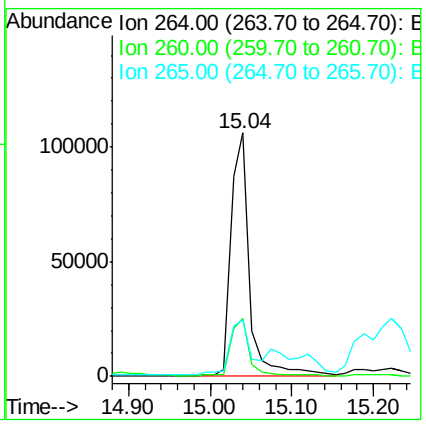


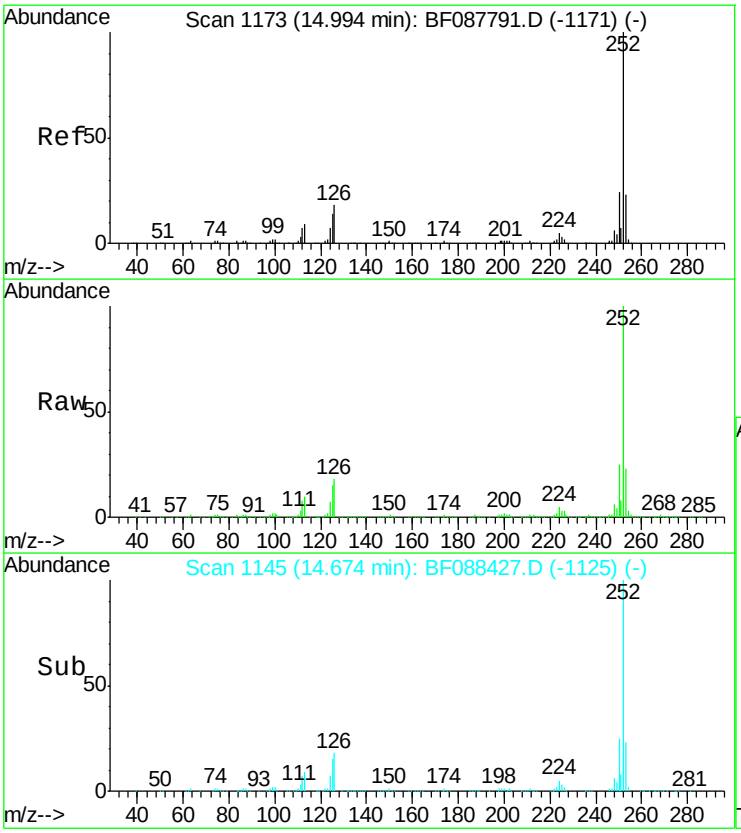
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 165258

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	23.5	16.9	25.3

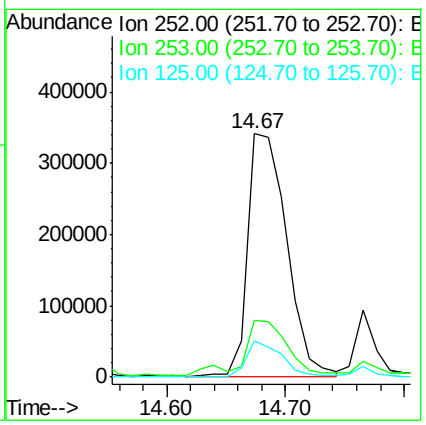


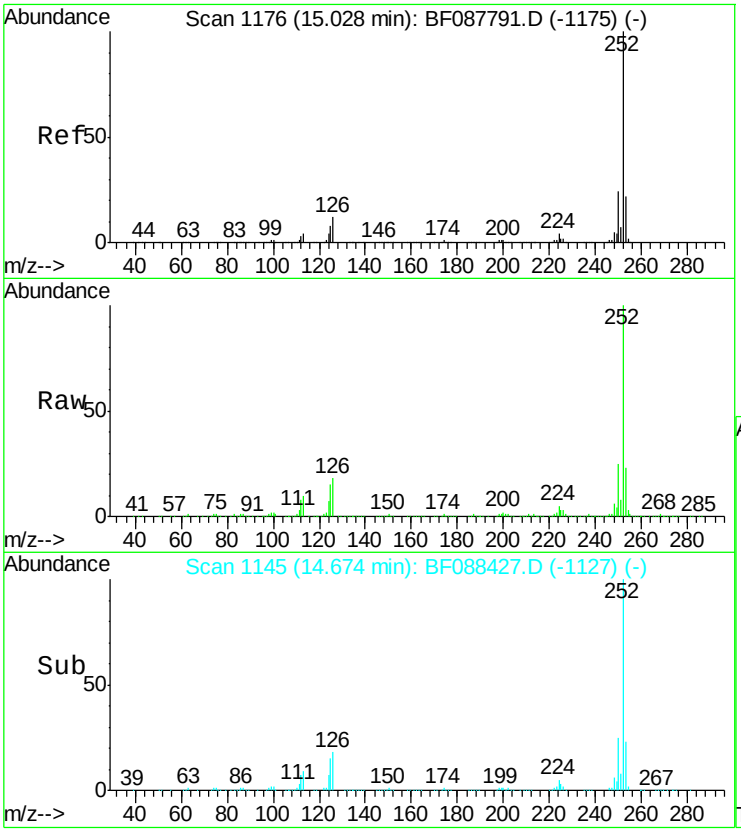


#87
Benzo(b)fluoranthene
Concen: 67.55 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.07 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:252 Resp: 778115

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	14.9	7.1	10.7#



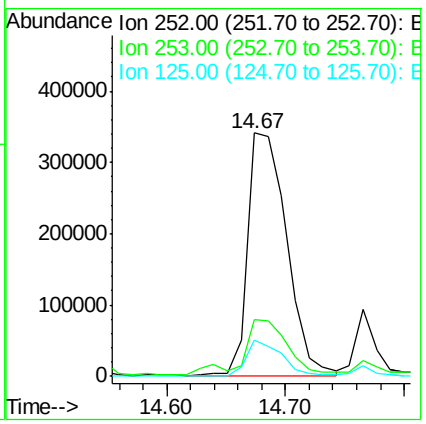


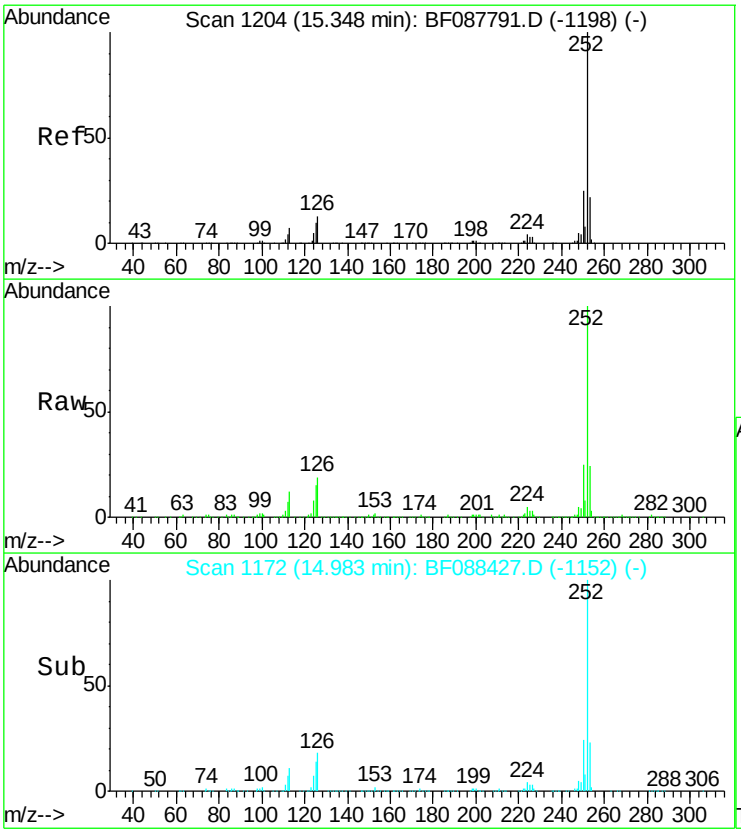
#88
Benzo(k)fluoranthene
Concen: 89.55 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.09 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 778115

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	14.9	11.2	16.8

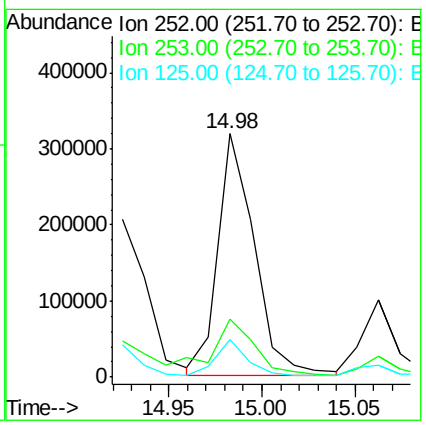


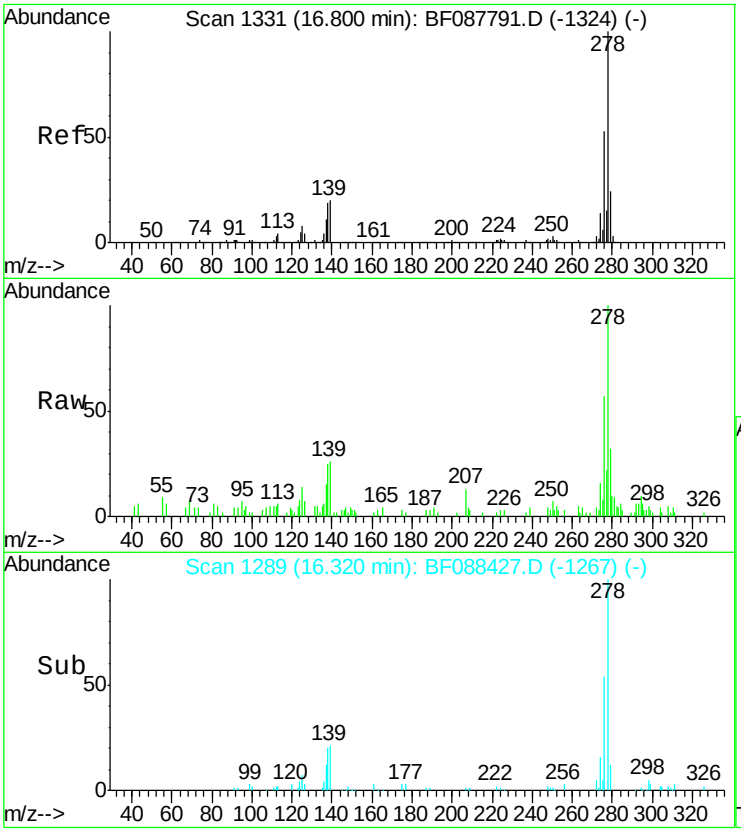


#89
Benzo(a)pyrene
Concen: 46.80 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:252 Resp: 436103

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	15.2	12.5	18.7



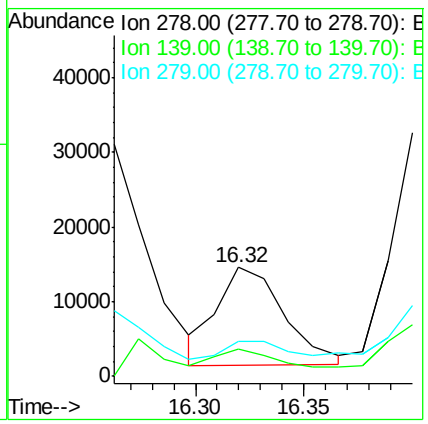


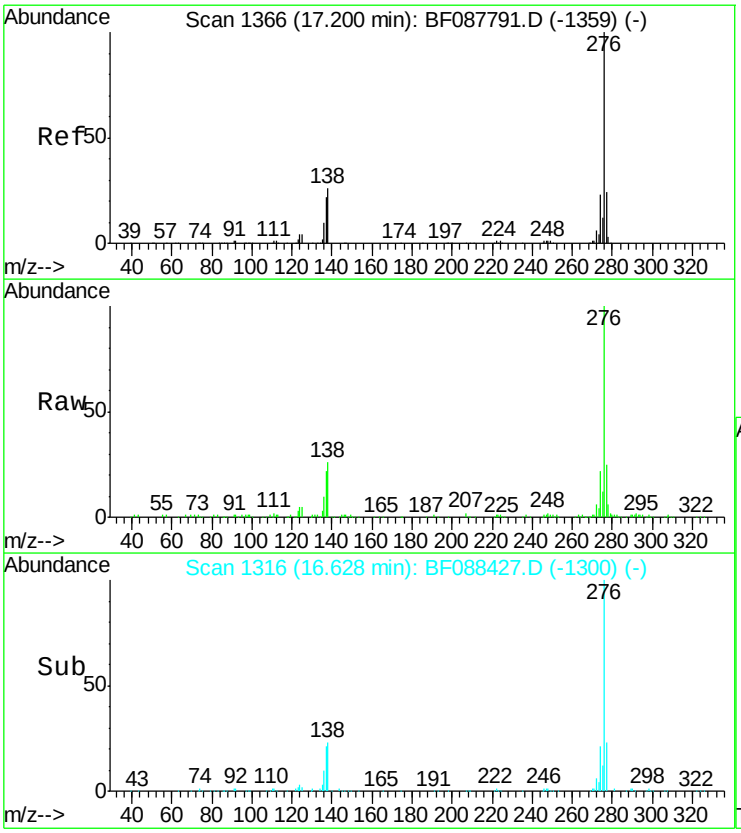
#90
Dibenzo(a,h)anthracene
Concen: 3.27 ng
RT: 16.32 min Scan# 1289
Delta R.T. -0.05 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 28284

Ion	Ratio	Lower	Upper
278	100		
139	25.7	15.7	23.5#
279	32.5	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 25.15 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.11 min
Lab File: BF088427.D
Acq: 26 Jun 2016 19:26

Tgt Ion:276 Resp: 223905

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.9	28.3
138	26.2	21.4	32.2