Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088435.D
Acq On : 26 Jun 2016 23:19
Operator : UM/SJ
Sample : H3663-11 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 27 03:59:42 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	70745	20.00	ng		-0.06
21) Naphthalene-d8	7.84	136	287198	20.00	ng		-0.06
38) Acenaphthene-d10	9.58	164	126966	20.00	ng		-0.07
63) Phenanthrene-d10	11.06	188	197684	20.00	ng		-0.06
75) Chrysene-d12	13.70	240	126513	20.00	ng		-0.05
86) Perylene-d12	15.05	264	145337	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	72645	17.55	ng		-0.05
7) Phenol-d6	6.22	99	97616	19.46	ng		-0.05
23) Nitrobenzene-d5	7.12	82	62554	12.72	ng		-0.06
41) 2,4,6-Tribromophenol	10.36	330	17943	13.38	ng		-0.07
44) 2-Fluorobiphenyl	8.91	172	127146	10.90	ng		-0.06
78) Terphenyl-d14	12.64	244	90185	16.22	ng		-0.06
Target Compounds							Qvalue
10) Phenol	6.24	94	908	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.12	70	7199	2.24	ng	#	70
25) Isophorone	7.12	82	62554	6.87	ng	#	65
31) Naphthalene	7.85	128	167225	11.77	ng		98
33) 4-Chloroaniline	7.85	127	20328	3.20	ng	#	31
37) 2-Methylnaphthalene	8.55	142	51445	5.49	ng		99
45) 1,1'-Biphenyl	9.00	154	21719	Below Cal			99
49) Dimethylphthalate	9.31	163	50270	5.47	ng		99
50) 2,6-Dinitrotoluene	9.58	165	18572	8.82	ng	#	40
51) Acenaphthene	9.61	154	202805	24.88	ng		99
54) Dibenzofuran	9.78	168	190640	16.98	ng		92
55) 4-Nitrophenol	9.78	139	71652	37.98	ng	#	6
57) Fluorene	10.12	166	217462	26.70	ng		99
70) Phenanthrene	11.10	178	1795864	173.12	ng		98
71) Anthracene	11.14	178	621161	59.36	ng		99
72) Carbazole	11.30	167	300352	30.67	ng		97
74) Fluoranthene	12.29	202	2175014	198.68	ng		99
77) Pyrene	12.51	202	2008766	213.97	ng		99
80) Benzo(a)anthracene	13.69	228	1236659	171.53	ng		98
82) Chrysene	13.73	228	901594	132.93	ng		98
85) Indeno(1,2,3-cd)pyrene	16.31	276	816124	129.51	ng	#	100
87) Benzo(b)fluoranthene	14.71	252	1997802	197.22	ng	#	96
88) Benzo(k)fluoranthene	14.71	252	1997802	261.44	ng		97
89) Benzo(a)pyrene	15.02	252	1031794	125.90	ng	#	94
90) Dibenzo(a,h)anthracene	16.42	278	167476	22.00	ng		97
91) Benzo(g,h,i)perylene	16.67	276	767439	98.01	ng		97

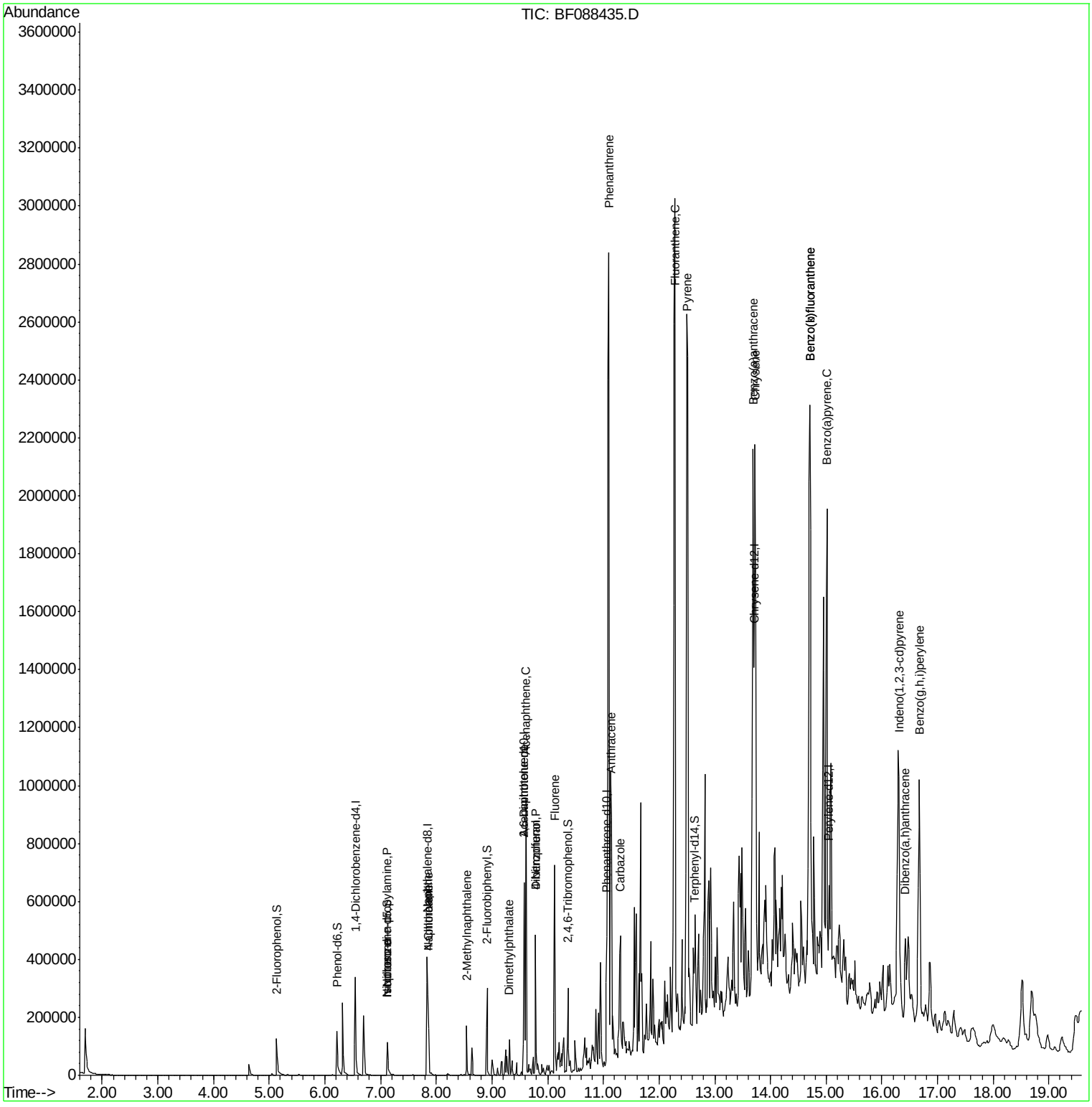
(#) = qualifier out of range (m) = manual integration (+) = signals summed

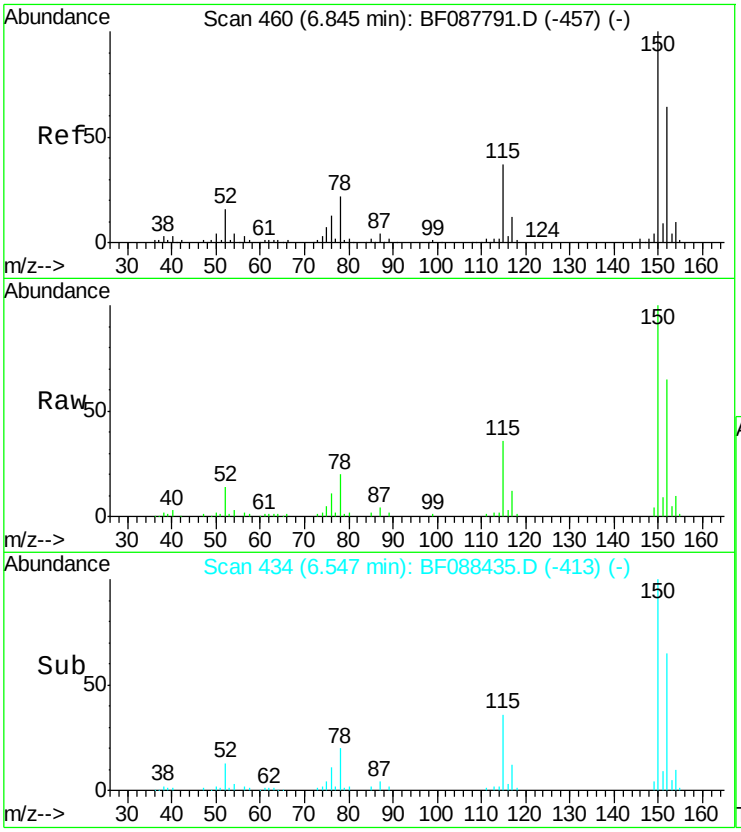
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088435.D
Acq On : 26 Jun 2016 23:19
Operator : UM/SJ
Sample : H3663-11 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 27 03:59:42 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



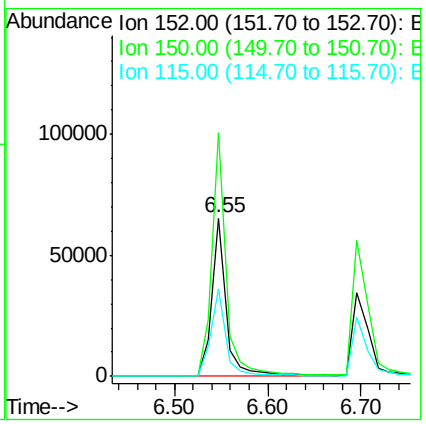


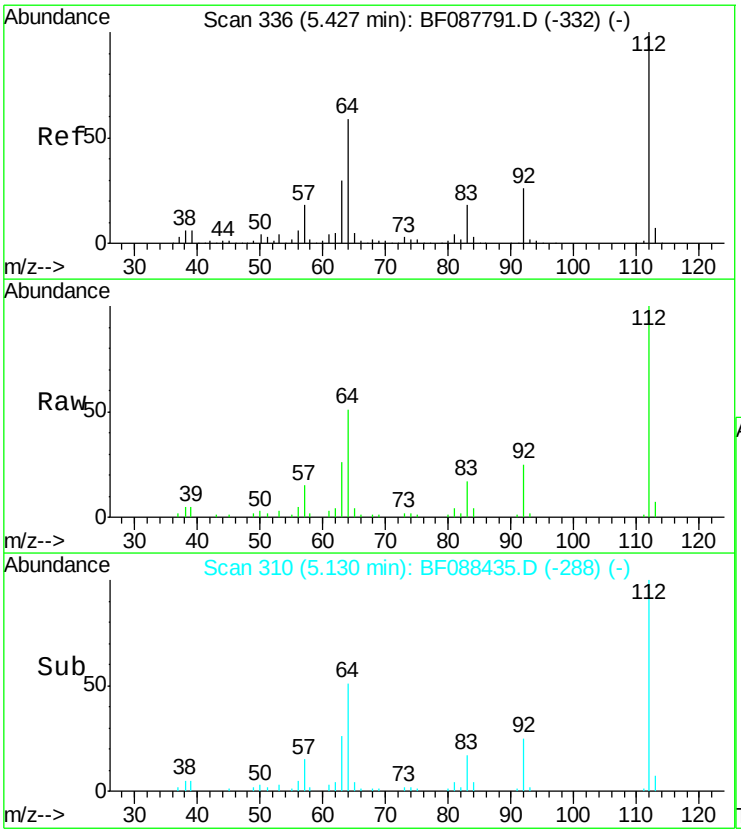
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 70745

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.8	185.6
115	55.3	39.6	59.4

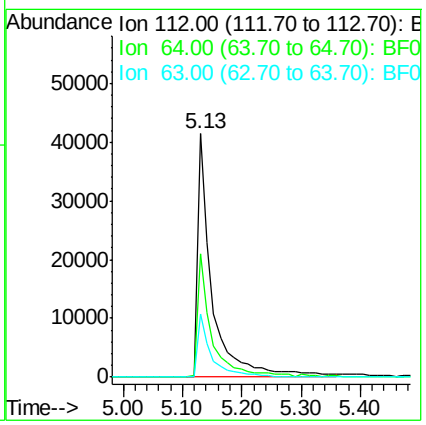


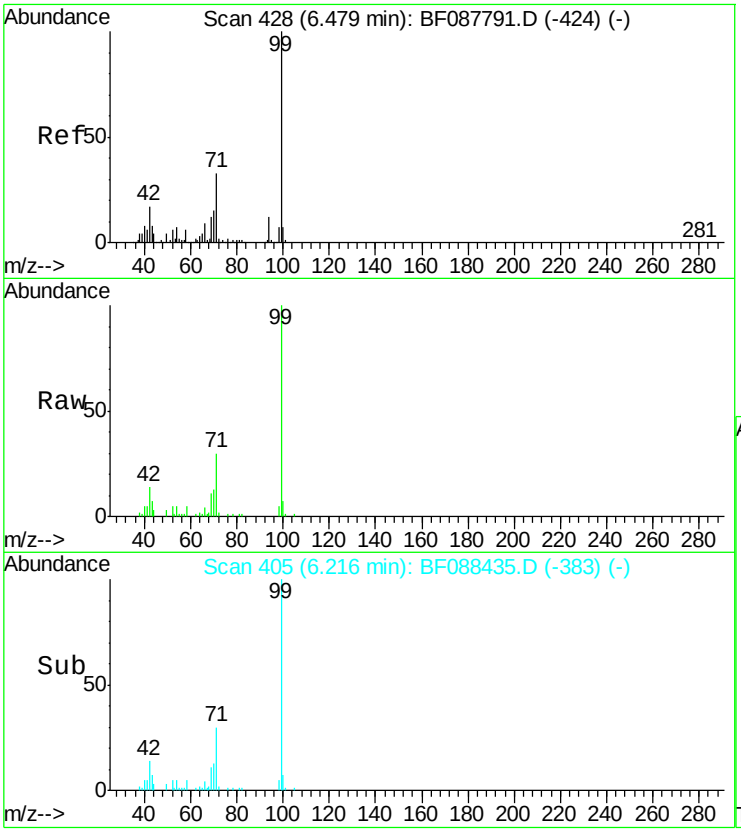


#5
2-Fluorophenol
Concen: 17.55 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.05 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion:112 Resp: 72645

Ion	Ratio	Lower	Upper
112	100		
64	50.8	42.2	63.2
63	26.0	21.8	32.8



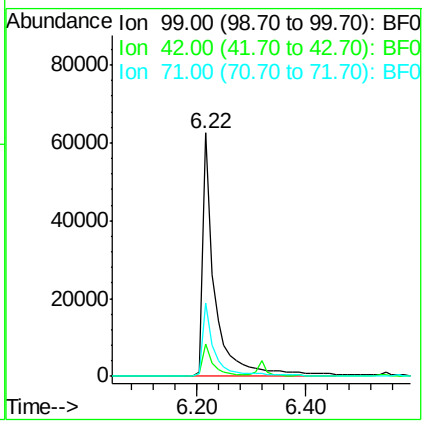


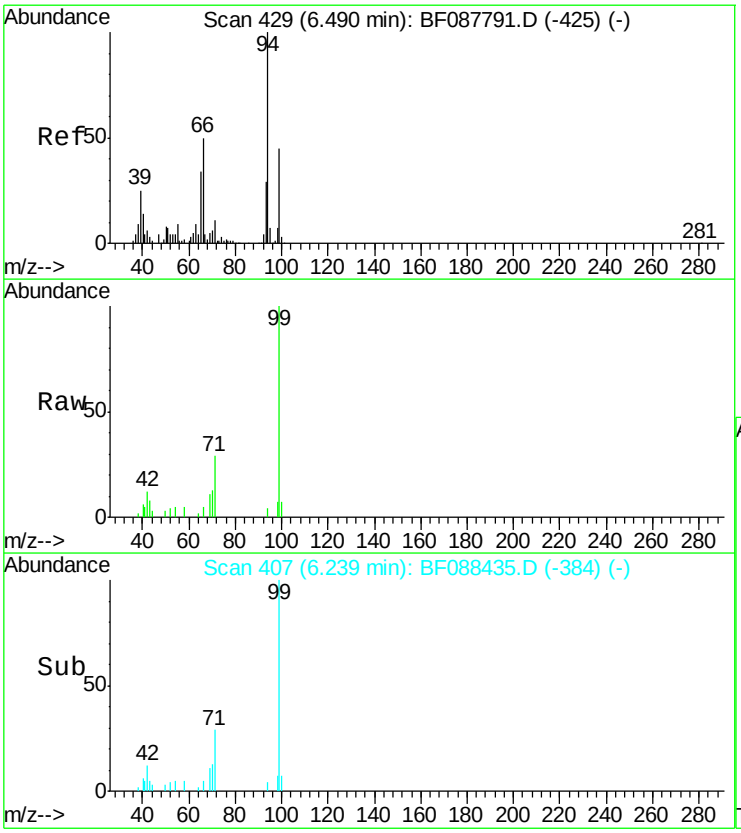
#7
Phenol-d6
Concen: 19.46 ng
RT: 6.22 min Scan# 405
Delta R.T. -0.05 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 97616

Ion	Ratio	Lower	Upper
99	100		
42	13.5	12.2	18.2
71	30.0	23.4	35.0

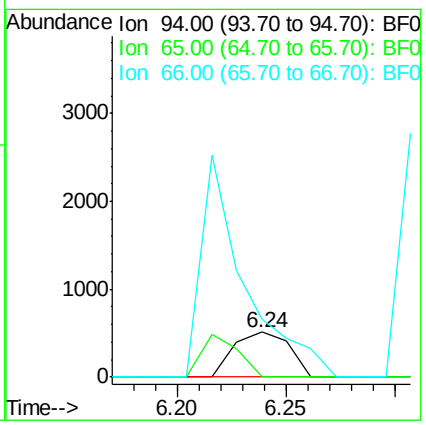


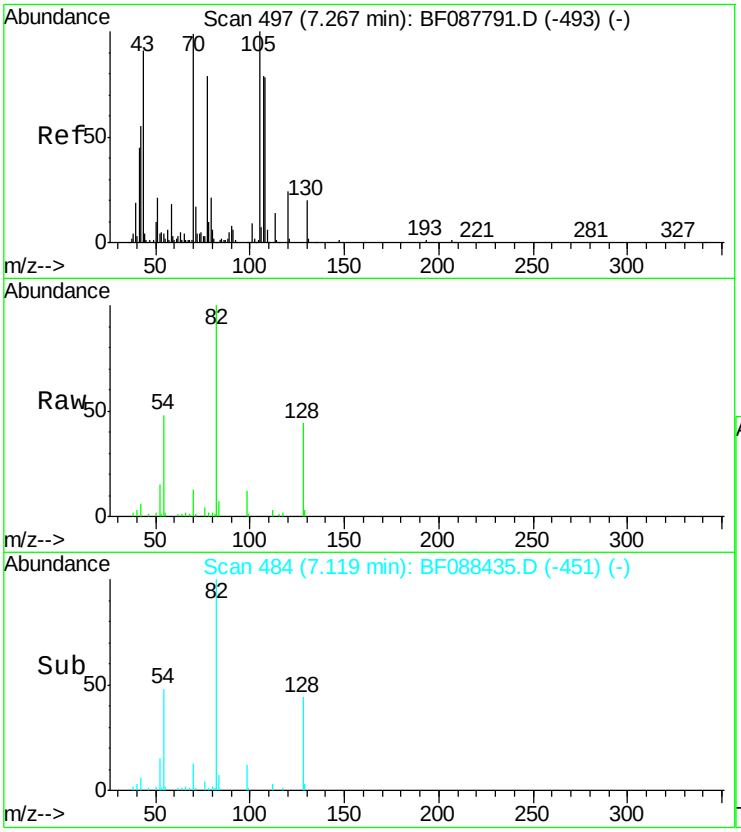


#10
Phenol
Concen: Below Cal
RT: 6.24 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion: 94 Resp: 908

Ion	Ratio	Lower	Upper
94	100		
65	0.0	5.9	45.9#
66	130.3	14.0	54.0#



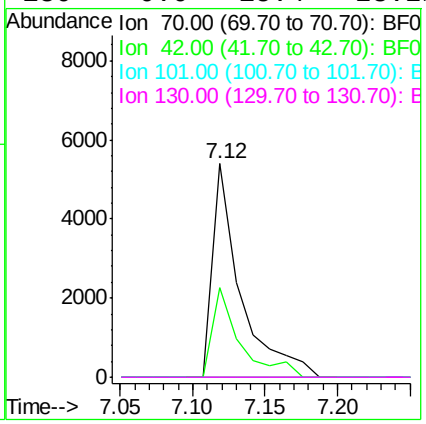


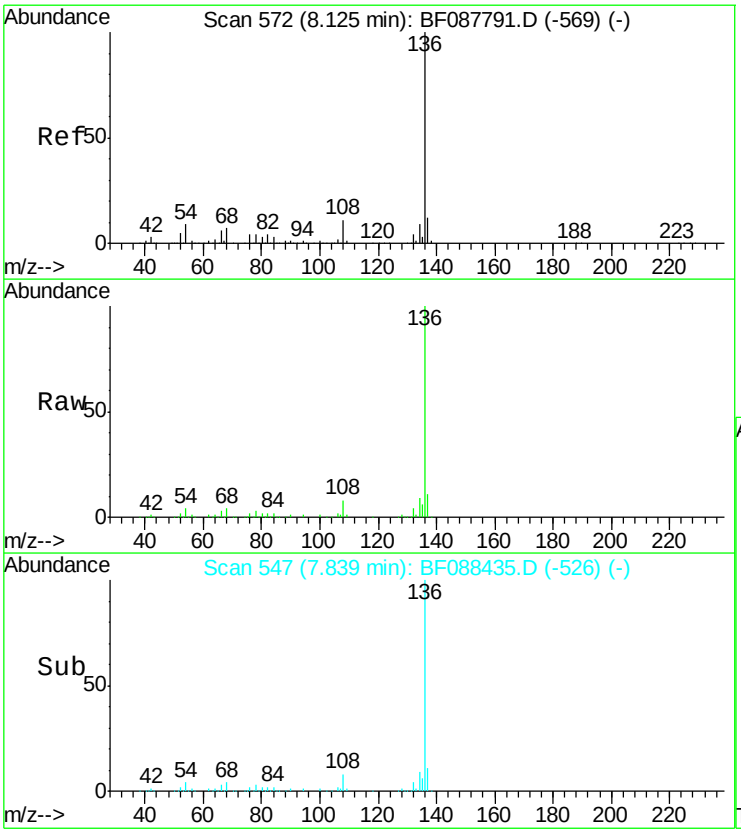
#19
n-Nitroso-di-n-propylamine
Concen: 2.24 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.08 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 7199

Ion	Ratio	Lower	Upper
70	100		
42	41.8	49.6	74.4#
101	0.0	7.1	10.7#
130	0.0	15.4	23.2#

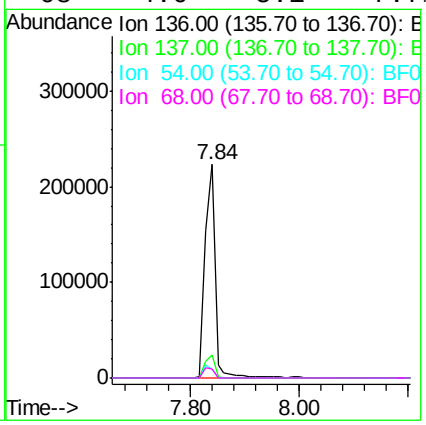


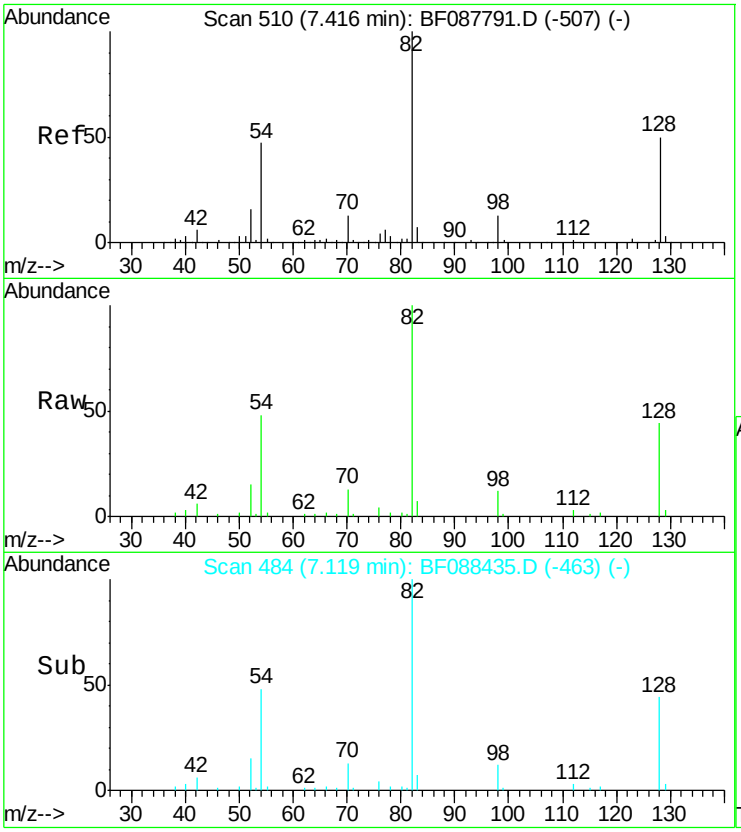


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion:136 Resp: 287198

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	4.4	6.6	10.0#
68	4.0	5.1	7.7#



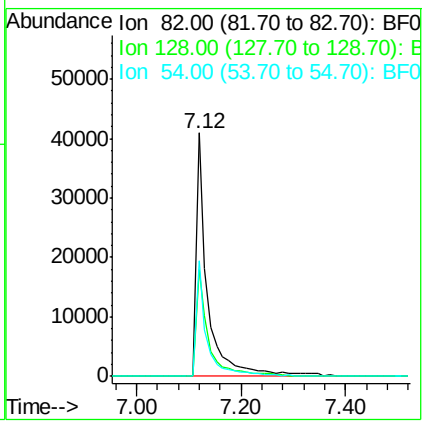


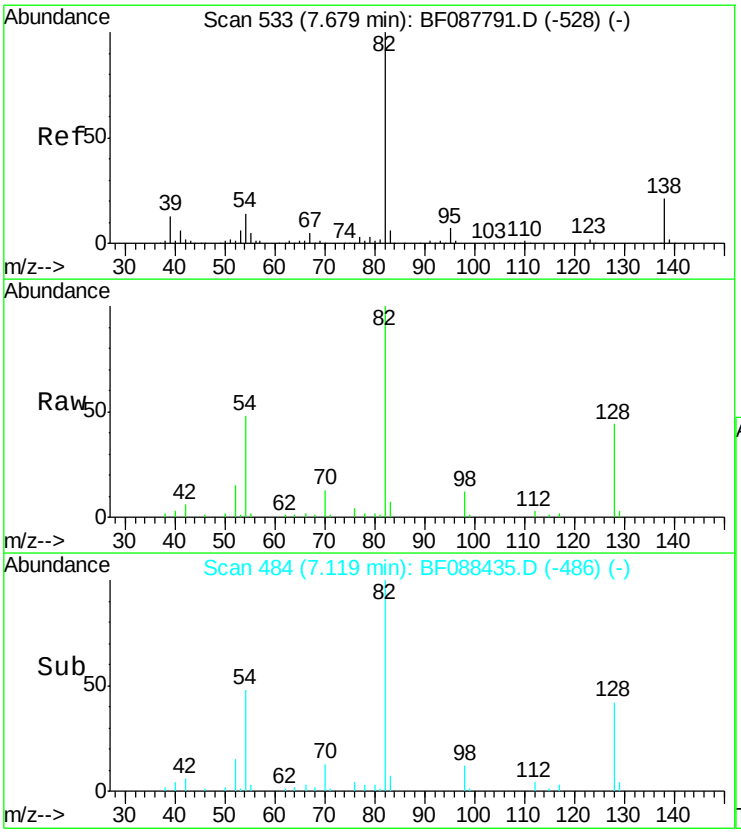
#23
Nitrobenzene-d5
Concen: 12.72 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.06 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 62554

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.9	53.9
54	47.6	40.9	61.3

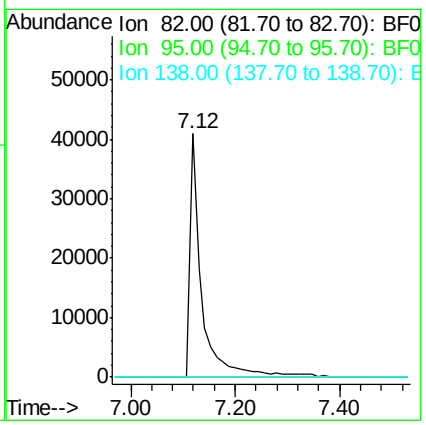


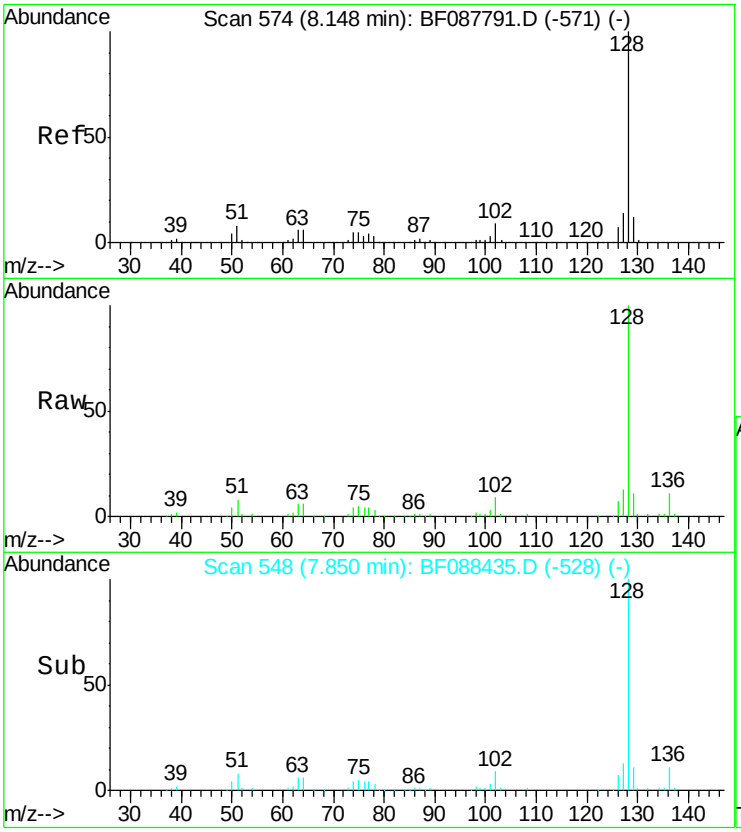


#25
Isophorone
Concen: 6.87 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.32 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion: 82 Resp: 62554

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

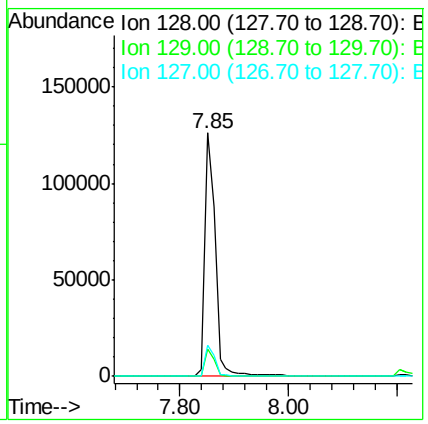




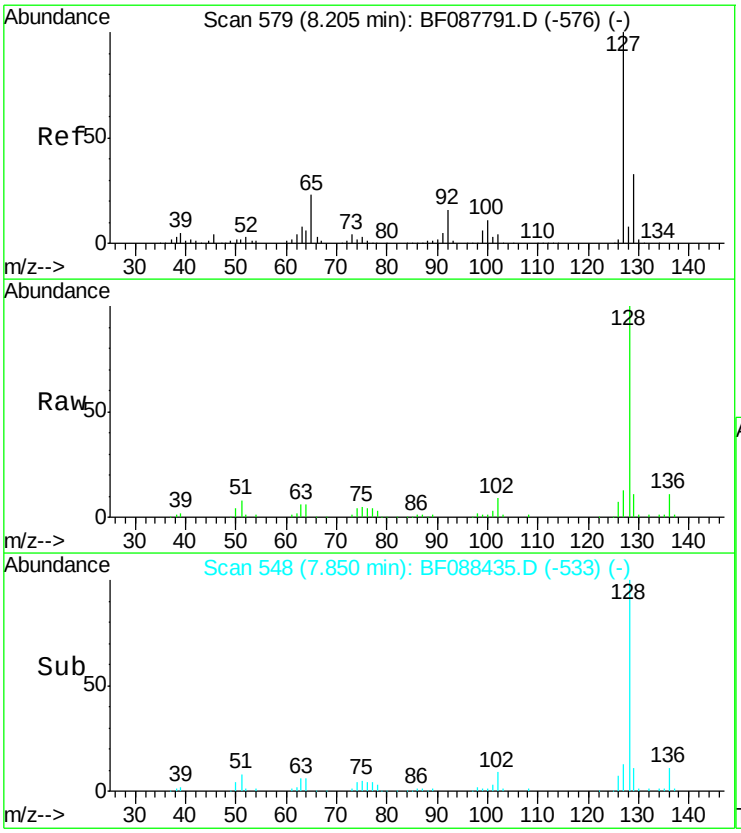
#31
Naphthalene
Concen: 11.77 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.07 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion:128 Resp: 167225

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	12.6	10.9	16.3



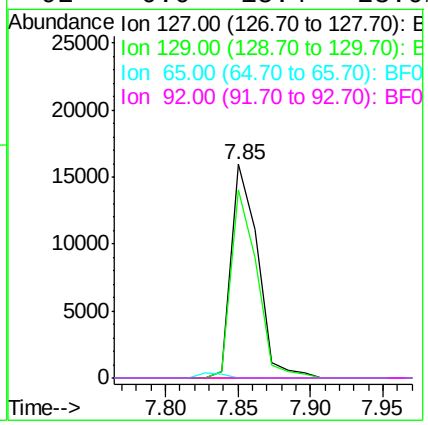
Instrument :
BNA_G
ClientSampleId :

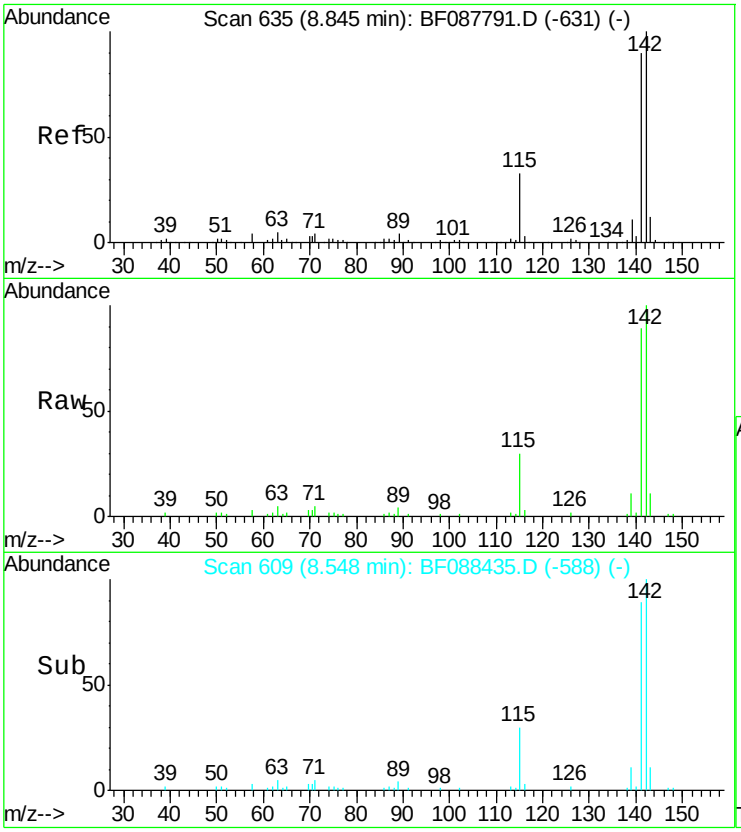


#33
4-Chloroaniline
Concen: 3.20 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.13 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion:127 Resp: 20328

Ion	Ratio	Lower	Upper
127	100		
129	87.9	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#



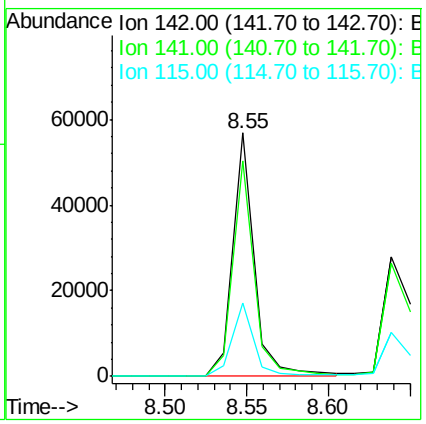


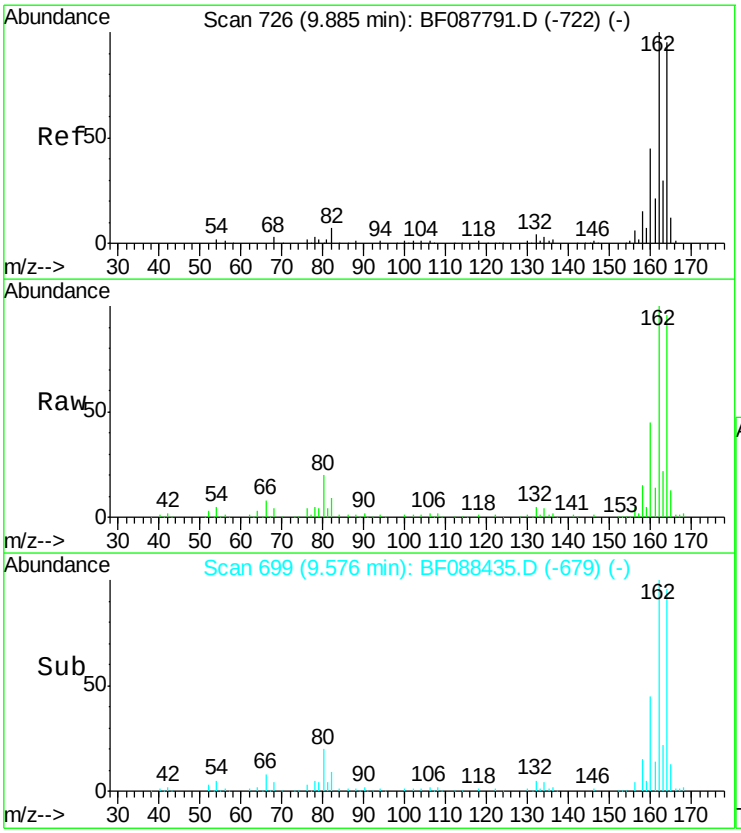
#37
2-Methylnaphthalene
Concen: 5.49 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.06 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 51445

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	30.2	22.6	33.8

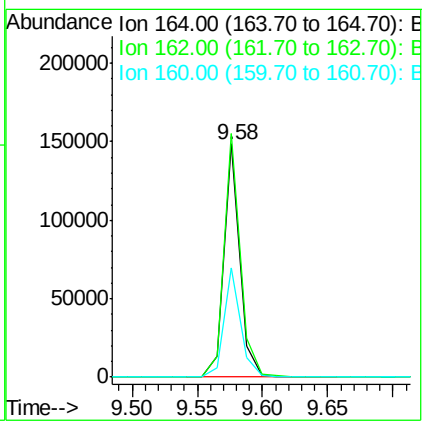


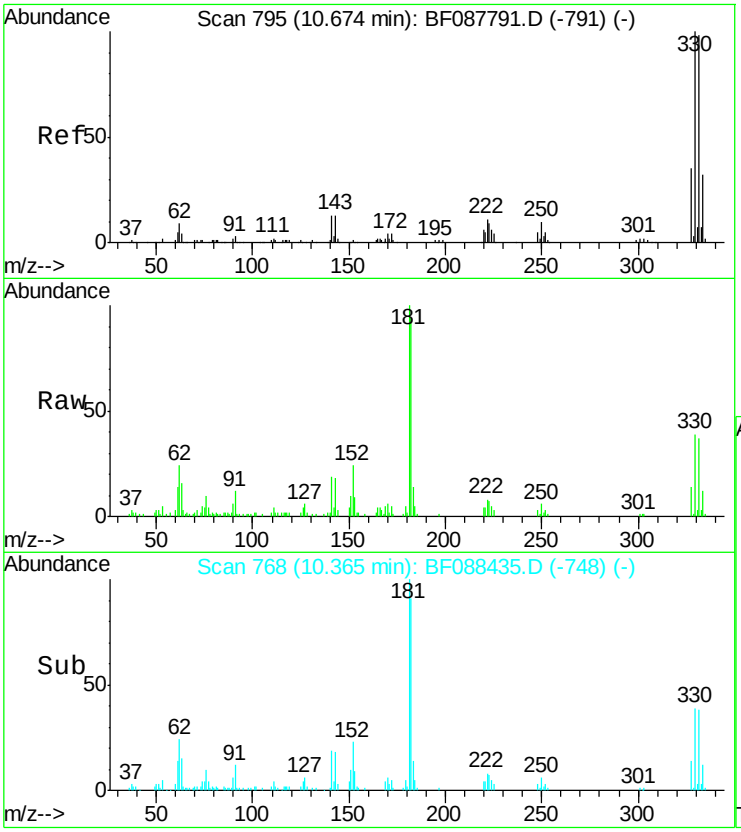


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.07 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion:164 Resp: 126966

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.4	128.2
160	47.0	39.5	59.3



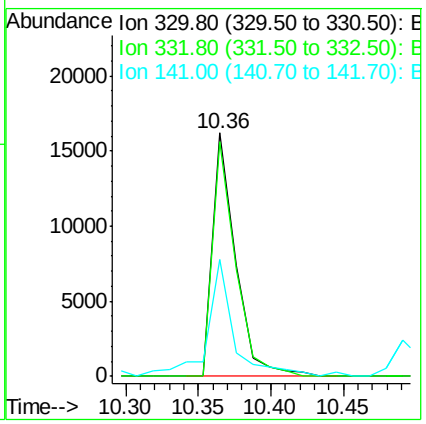


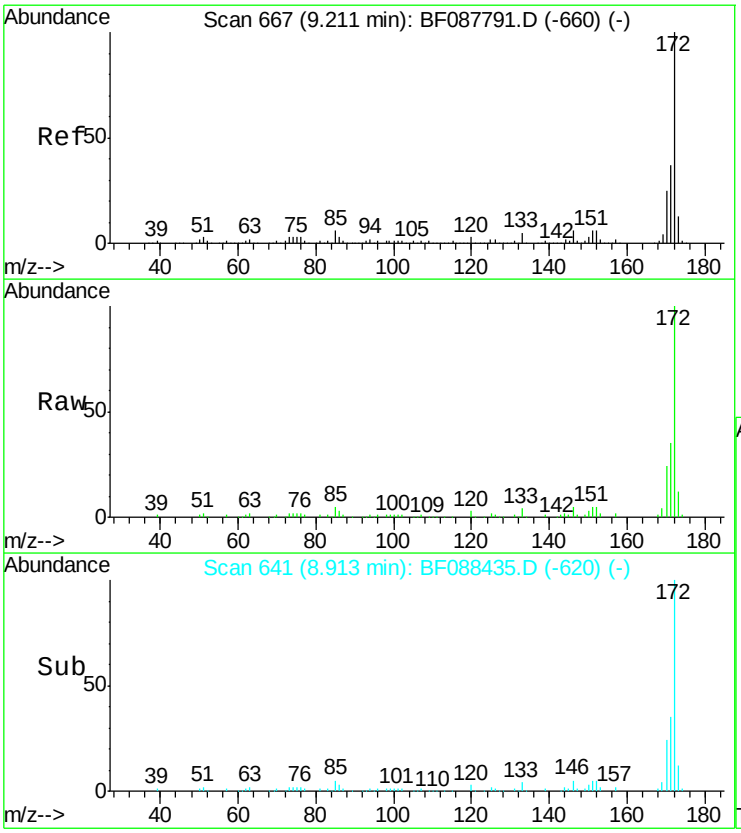
#41
2,4,6-Tribromophenol
Concen: 13.38 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.07 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 17943

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	56.0	0.0	0.0#

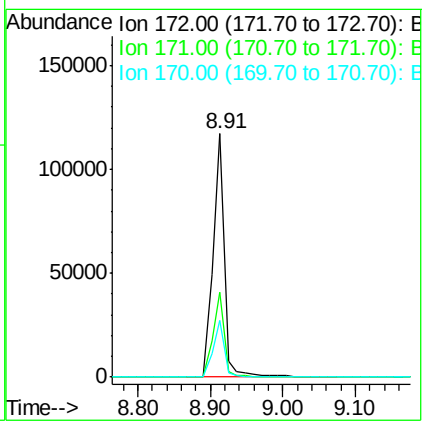


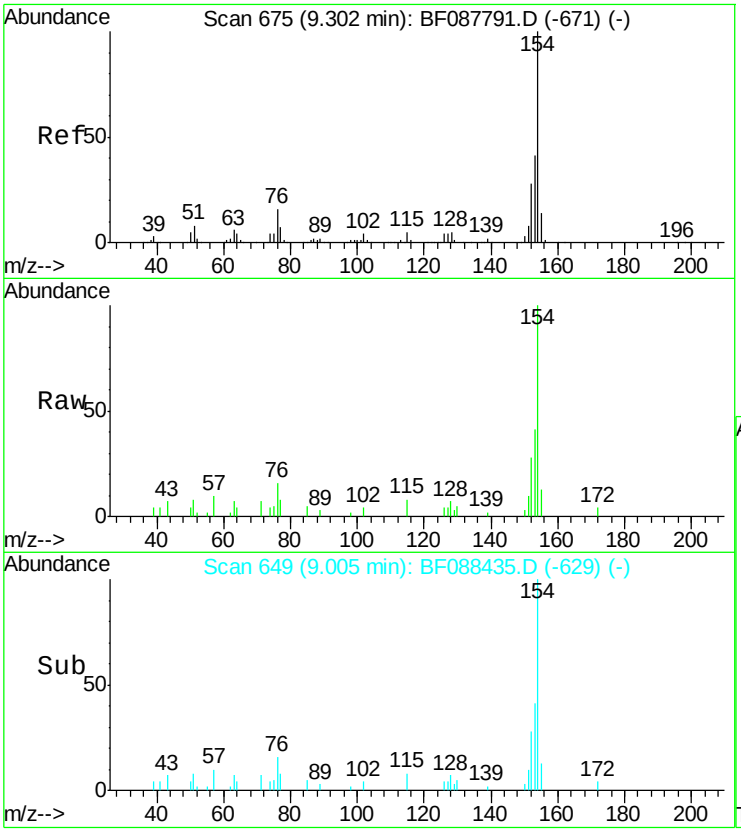


#44
2-Fluorobiphenyl
Concen: 10.90 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion:172 Resp: 127146

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.5	19.2	28.8



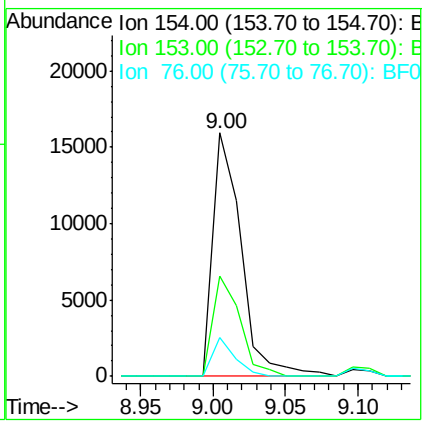


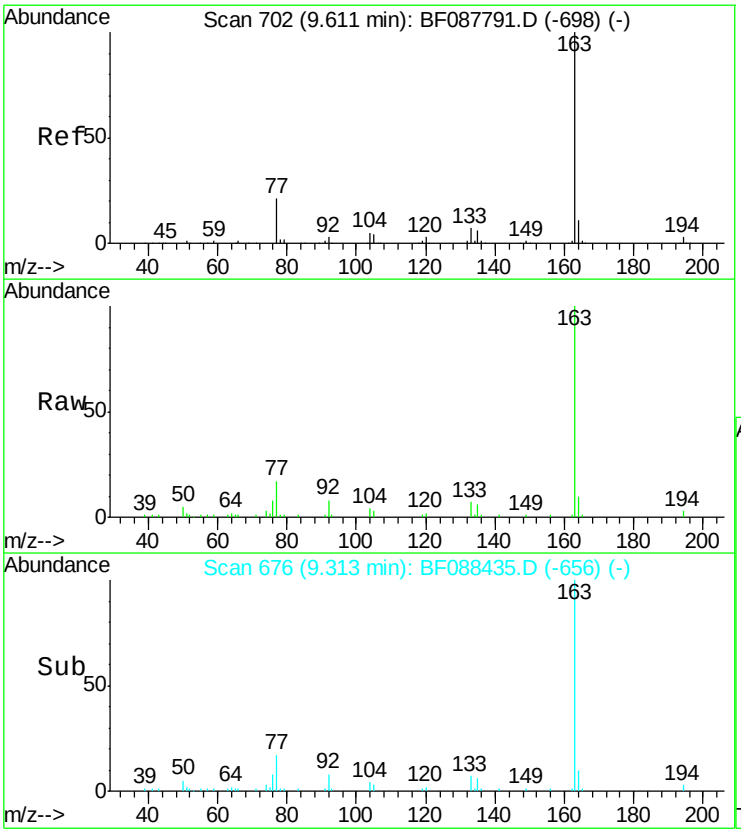
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.00 min Scan# 649
Delta R.T. -0.07 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 21719

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.6	60.6
76	16.0	0.0	35.1

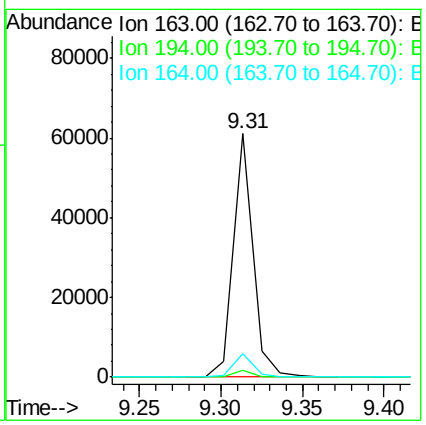


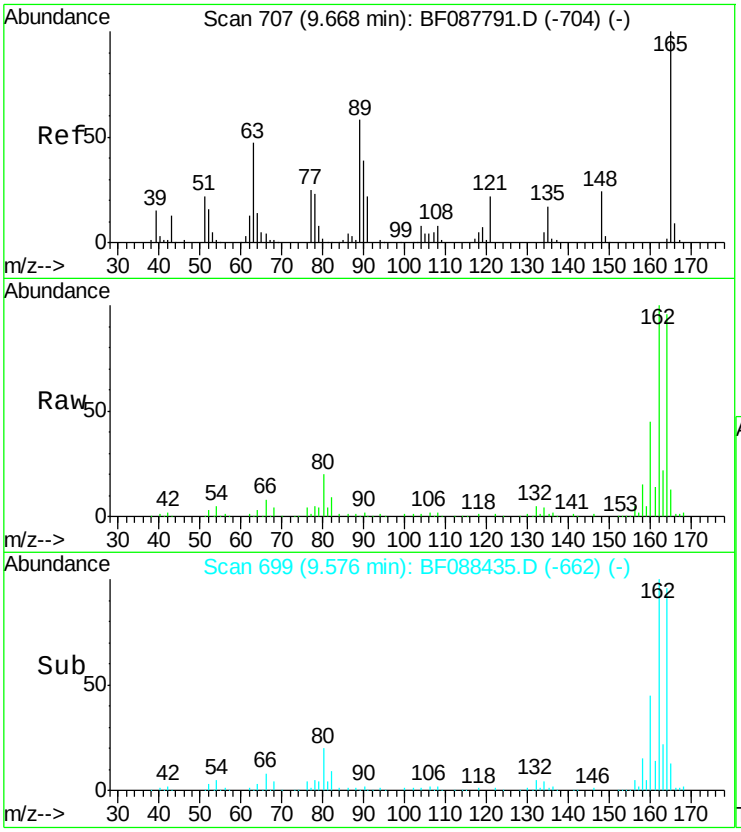


#49
Dimethylphthalate
Concen: 5.47 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.07 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion:163 Resp: 50270

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	9.9	8.3	12.5



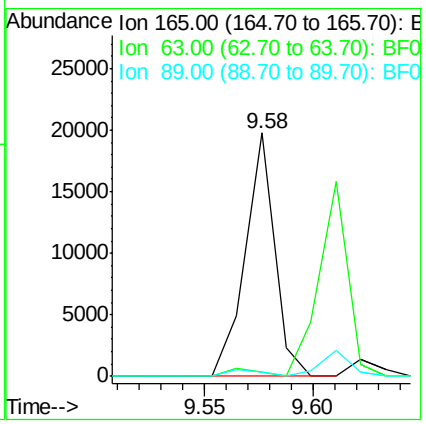


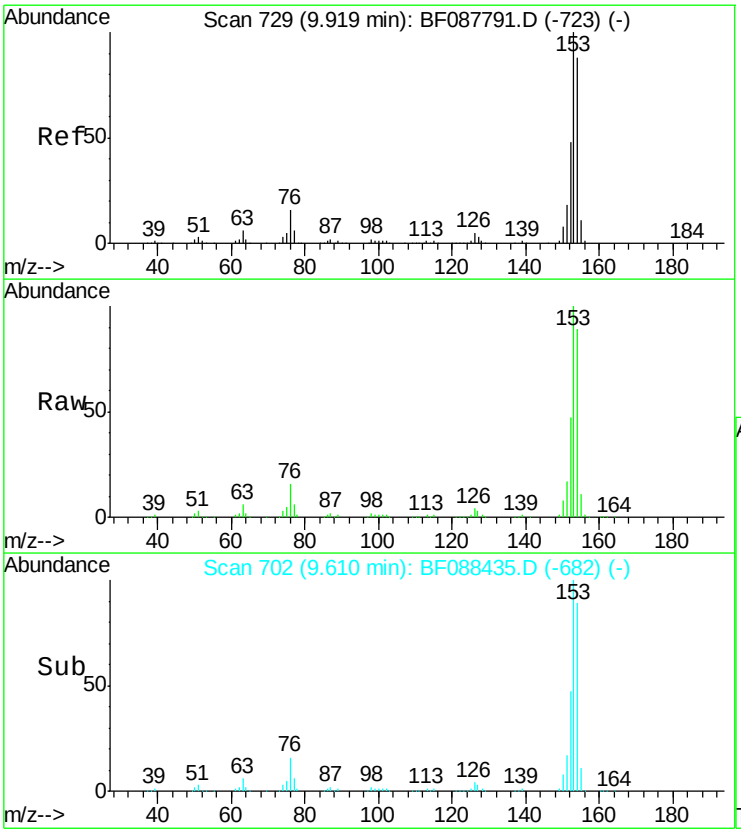
#50
2,6-Dinitrotoluene
Concen: 8.82 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.13 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18572

Ion	Ratio	Lower	Upper
165	100		
63	1.7	28.1	42.1#
89	1.7	32.2	48.2#

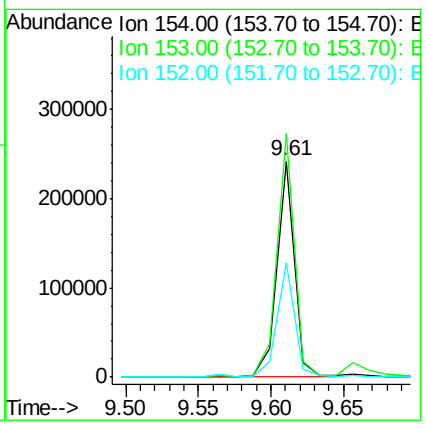


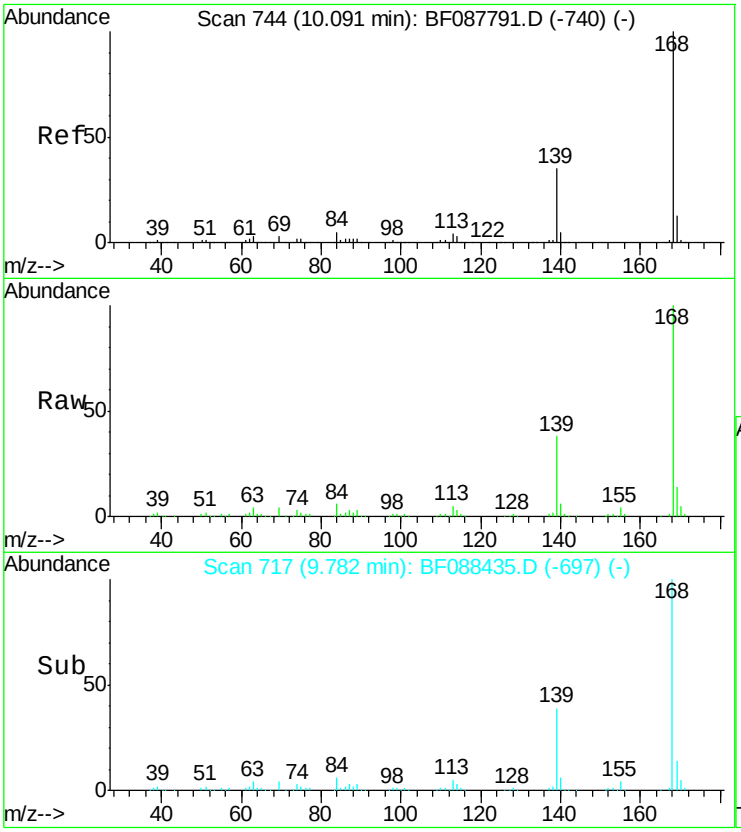


#51
Acenaphthene
Concen: 24.88 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.07 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion:154 Resp: 202805

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.5	134.3
152	53.1	42.7	64.1



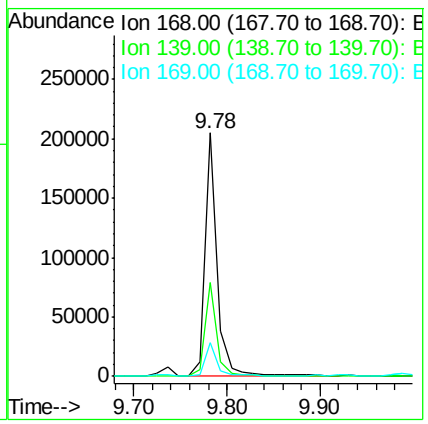


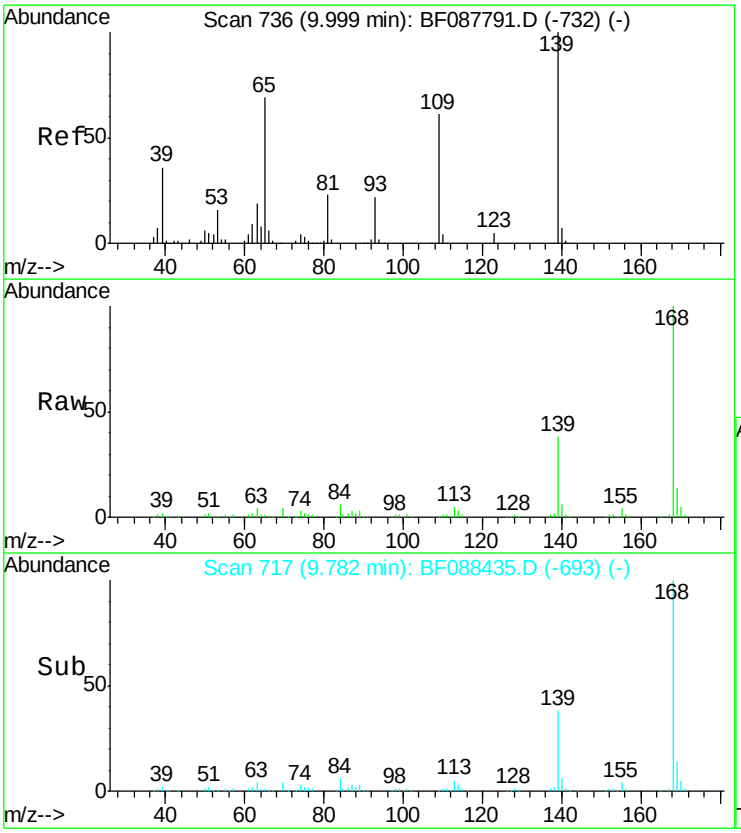
#54
Dibenzofuran
Concen: 16.98 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.07 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 190640

Ion	Ratio	Lower	Upper
168	100		
139	38.4	26.4	39.6
169	13.9	10.4	15.6

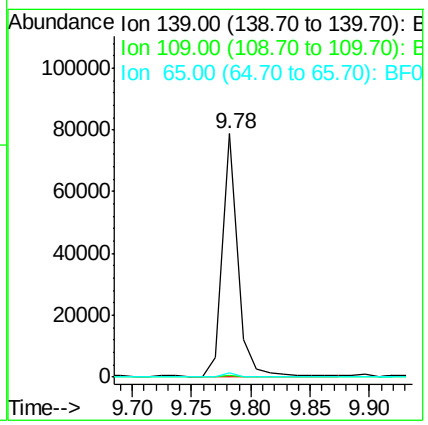


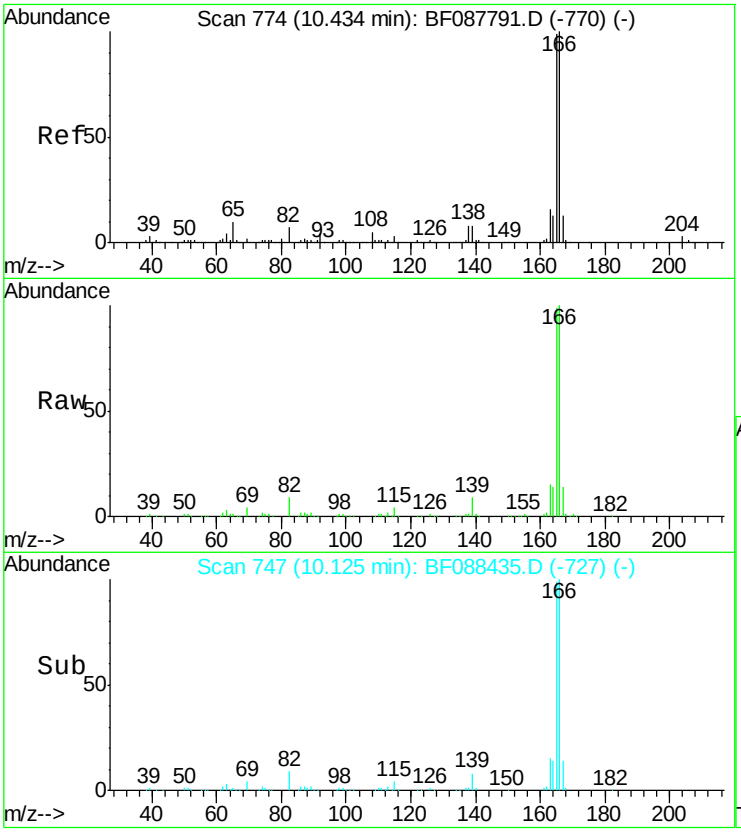


#55
4-Nitrophenol
Concen: 37.98 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion:139 Resp: 71652

Ion	Ratio	Lower	Upper
139	100		
109	1.0	48.9	88.9#
65	1.5	84.9	124.9#



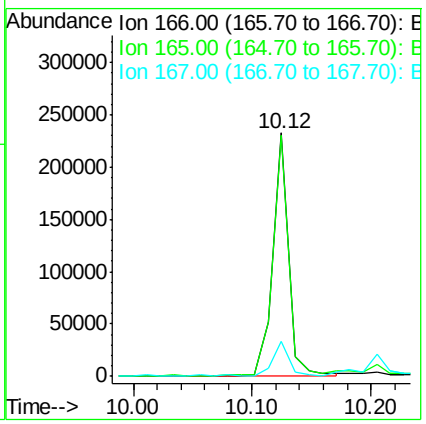


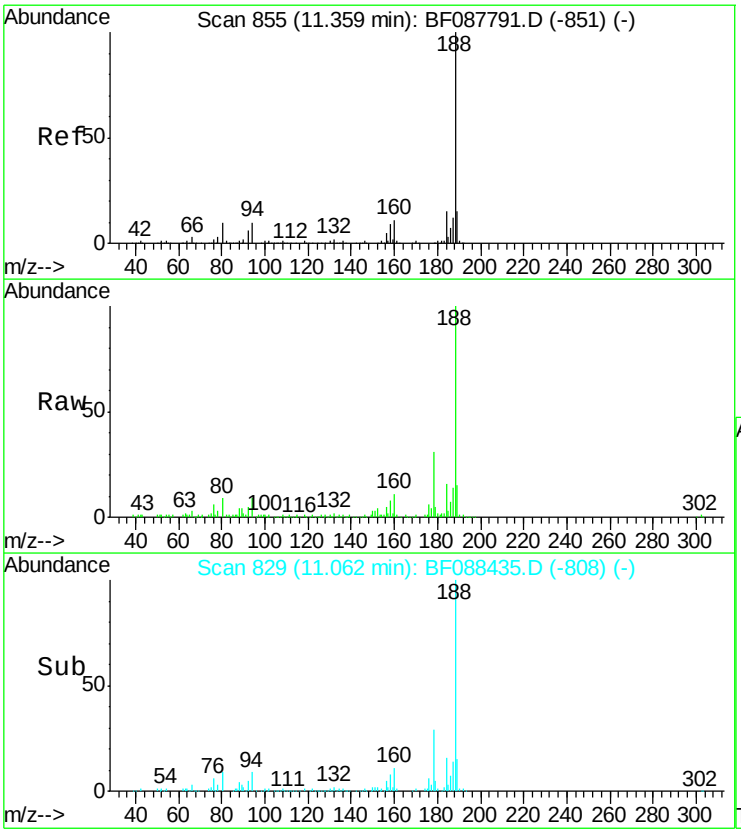
#57
Fluorene
Concen: 26.70 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.07 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 217462

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.8	116.8
167	14.1	11.2	16.8

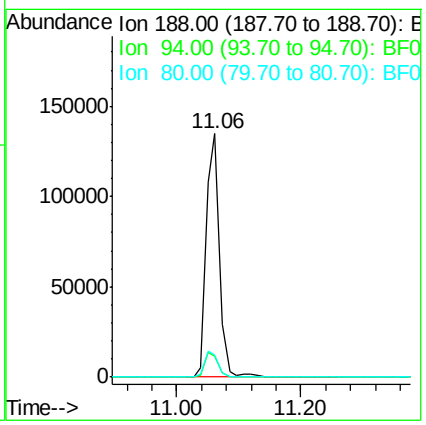


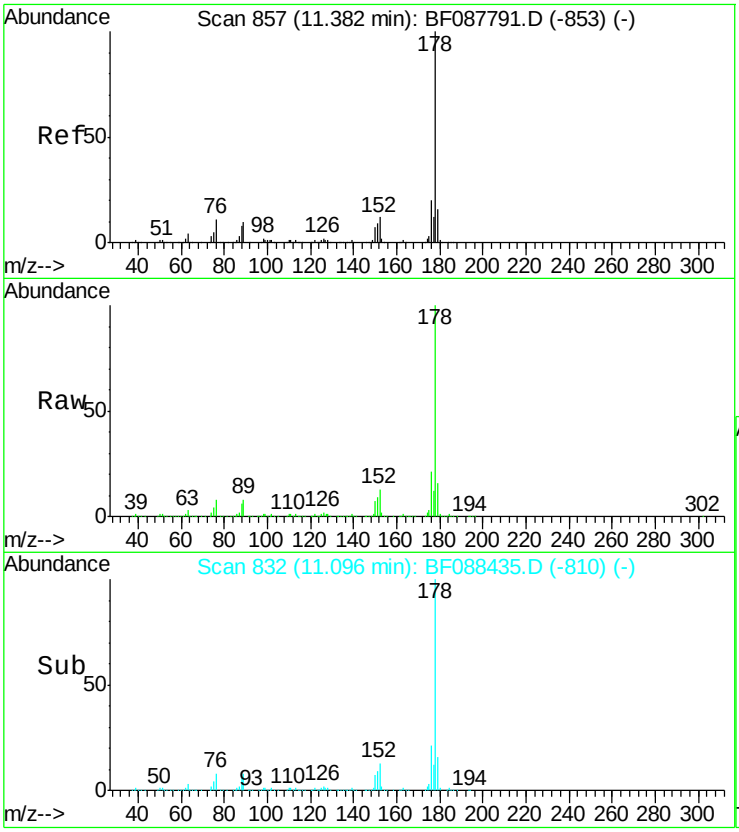


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion:188 Resp: 197684

Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.6#
80	8.9	10.0	15.0#



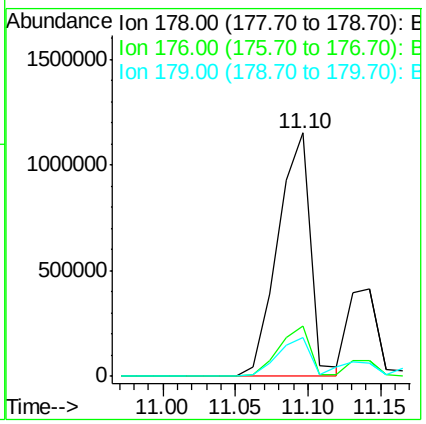


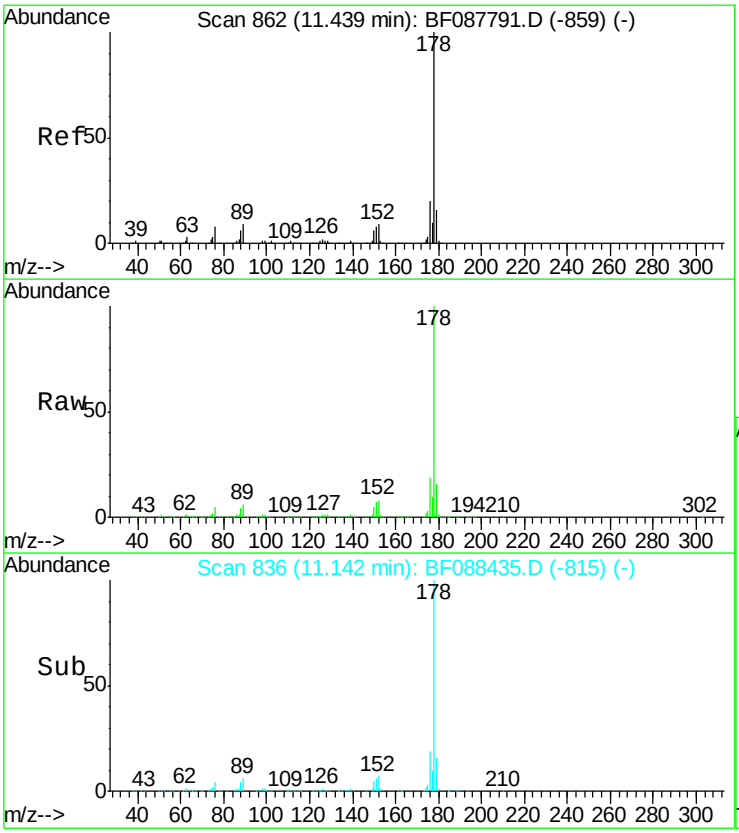
#70
Phenanthrene
Concen: 173.12 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.05 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 1795864

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.6
179	15.7	13.0	19.4

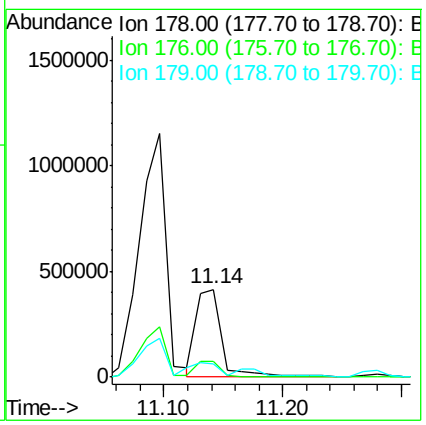


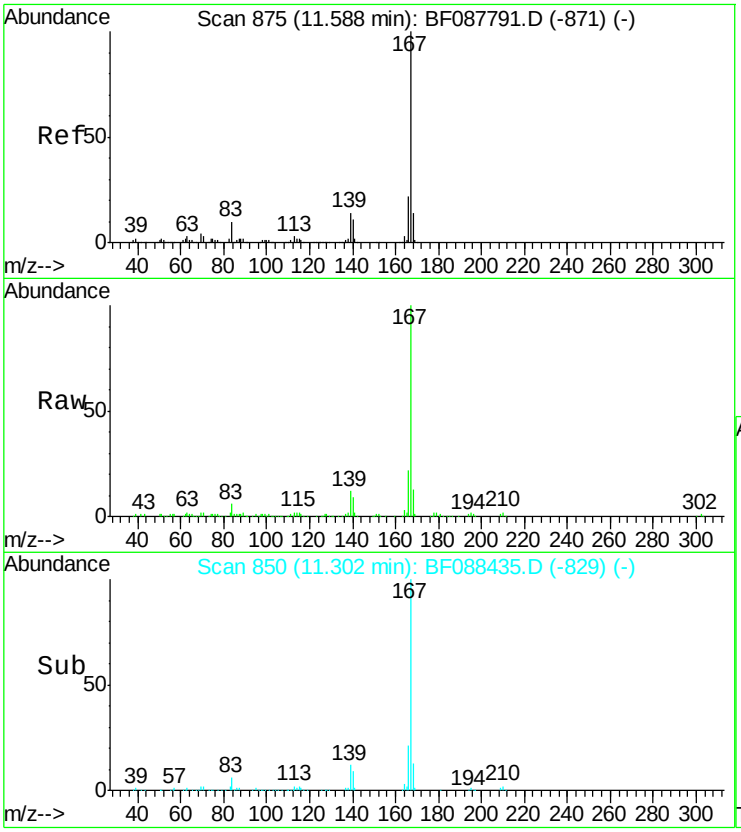


#71
Anthracene
Concen: 59.36 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.06 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion:178 Resp: 621161

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	15.6	12.8	19.2



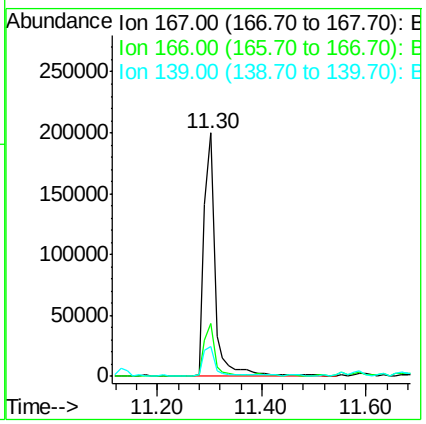


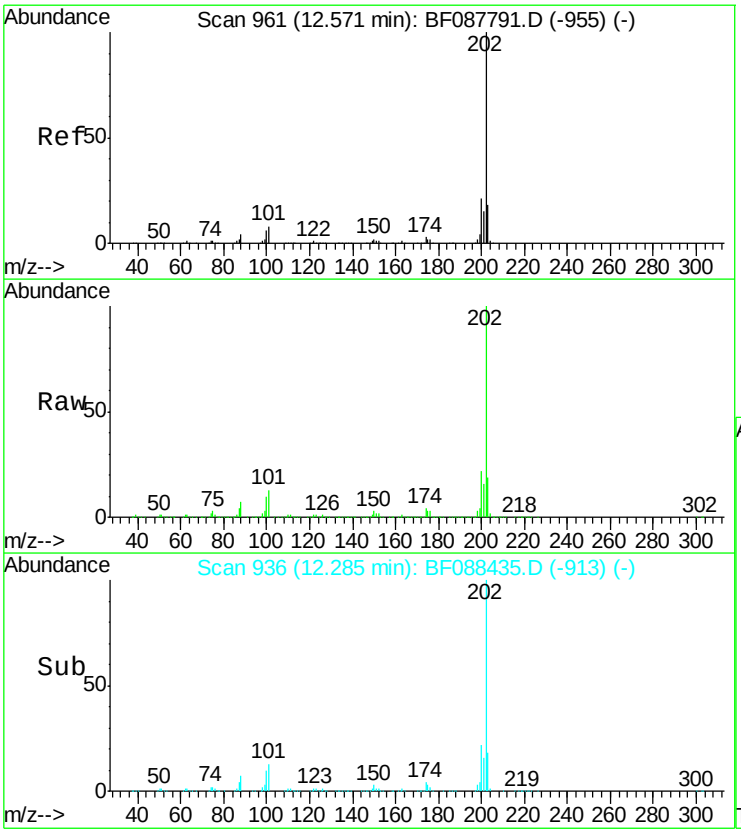
#72
Carbazole
Concen: 30.67 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.06 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 300352

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.6
139	12.1	11.2	16.8

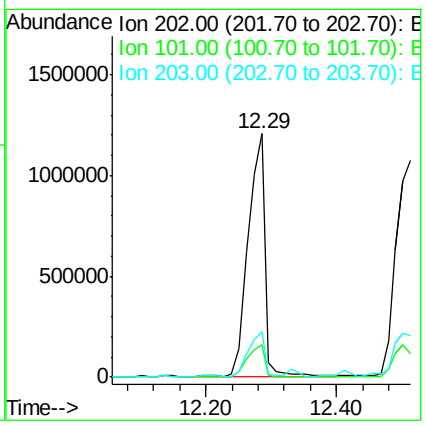


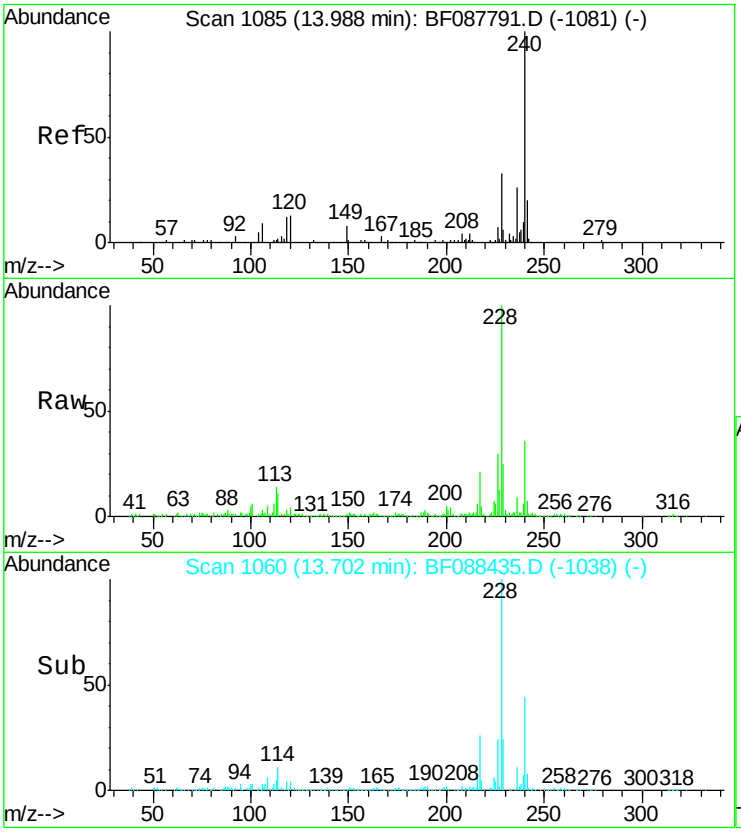


#74
Fluoranthene
Concen: 198.68 ng
RT: 12.29 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion:202 Resp: 2175014

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.1
203	18.5	0.0	38.1



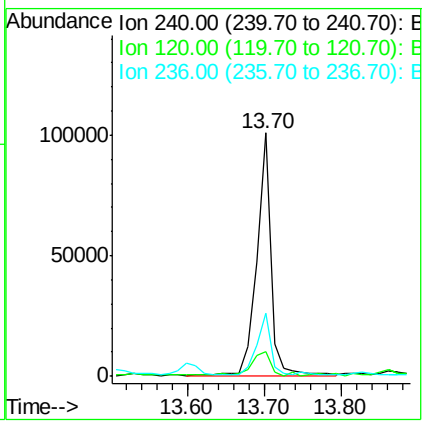


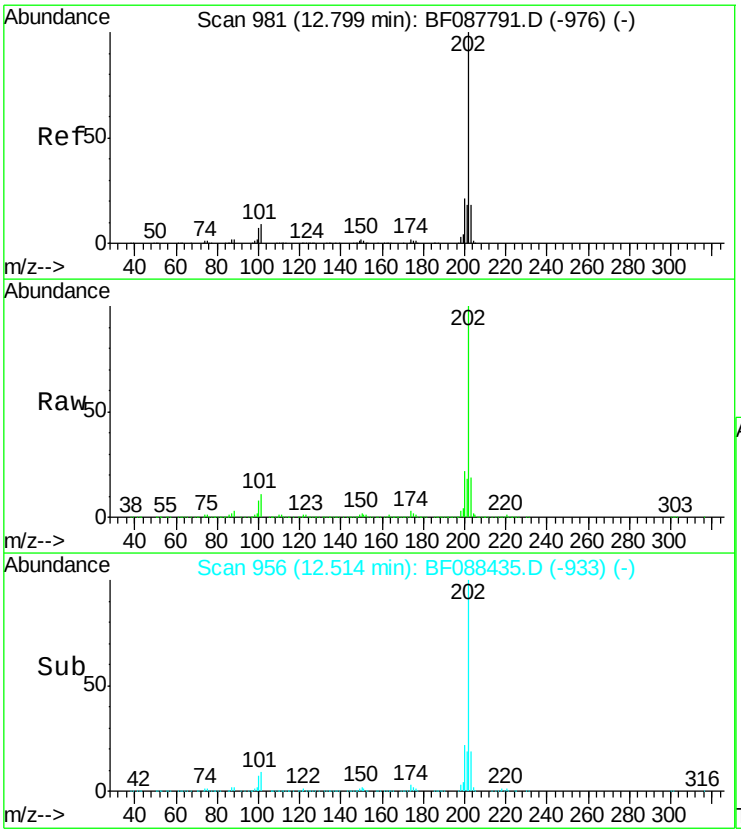
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.05 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 126513

Ion	Ratio	Lower	Upper
240	100		
120	9.9	6.8	10.2
236	25.7	20.2	30.2

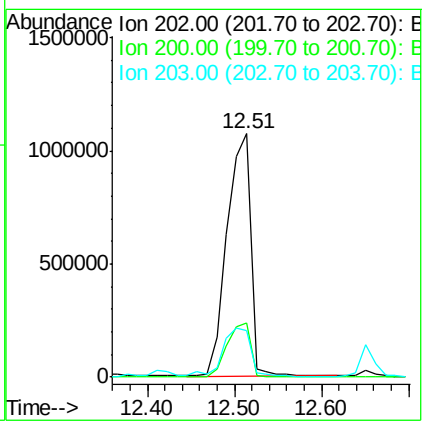


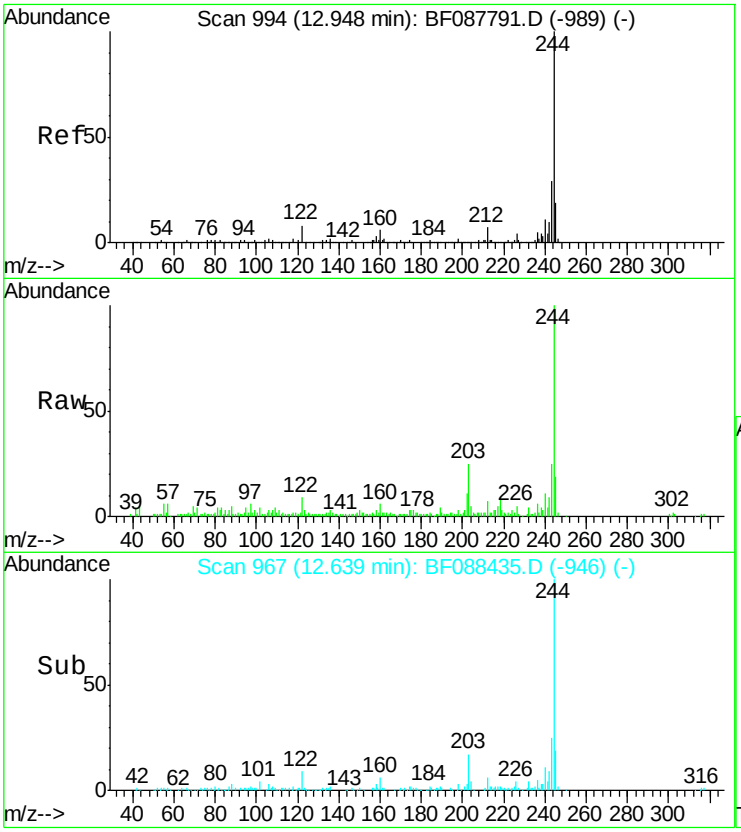


#77
Pyrene
Concen: 213.97 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.03 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion:202 Resp: 2008766

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	19.1	14.5	21.7



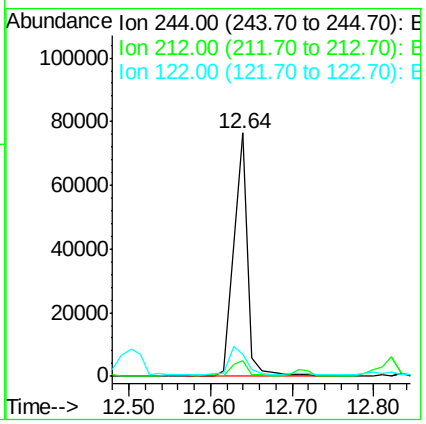


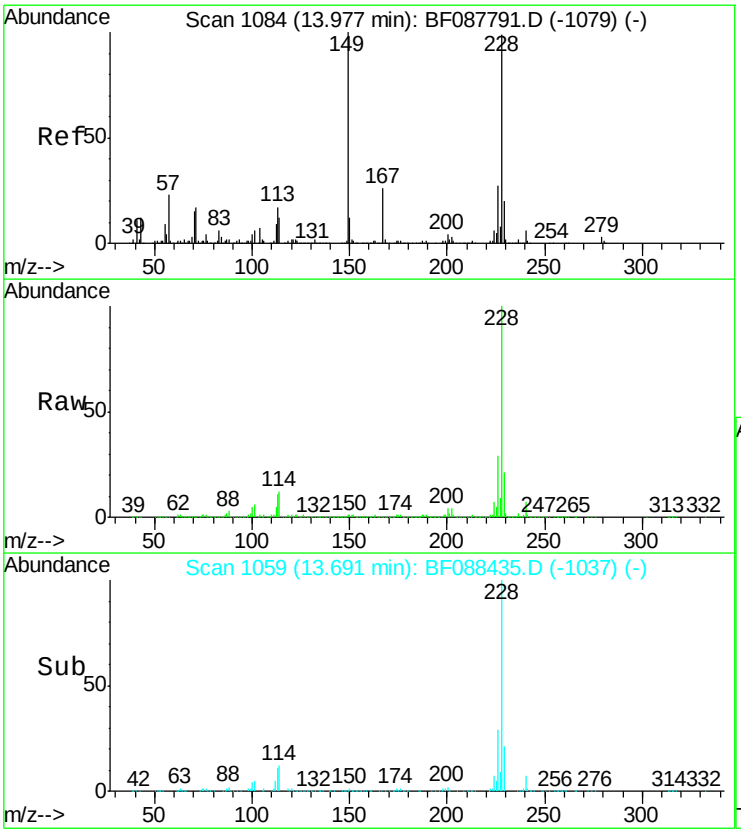
#78
Terphenyl-d14
Concen: 16.22 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.06 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 90185

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	9.2	11.2	16.8#

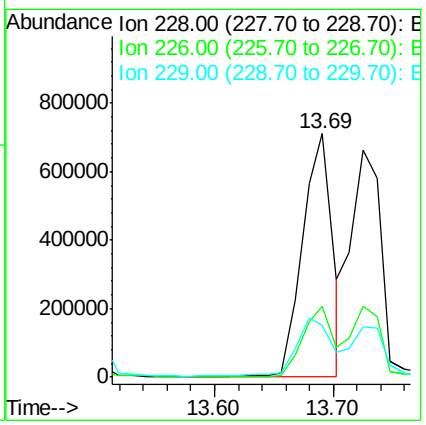


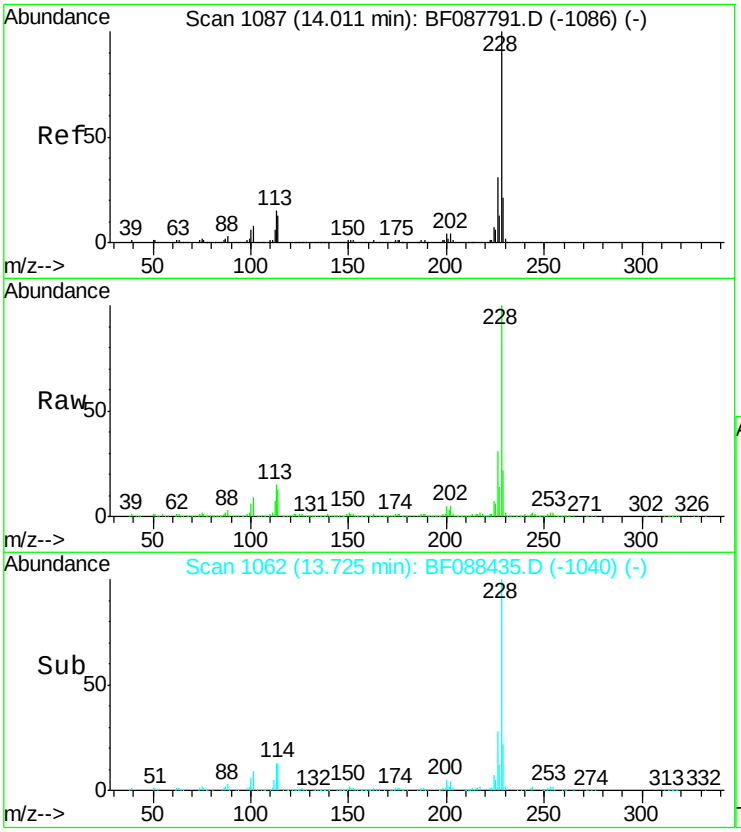


#80
Benzo(a)anthracene
Concen: 171.53 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.05 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion:228 Resp: 1236659

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.3	33.5
229	21.4	16.0	24.0



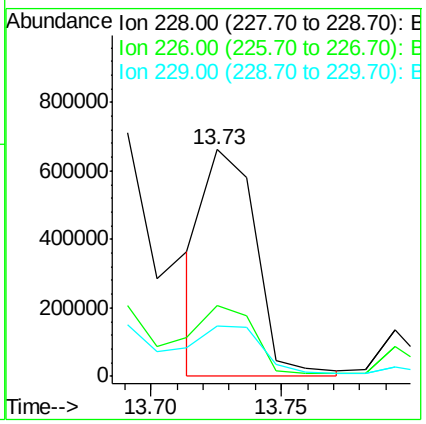


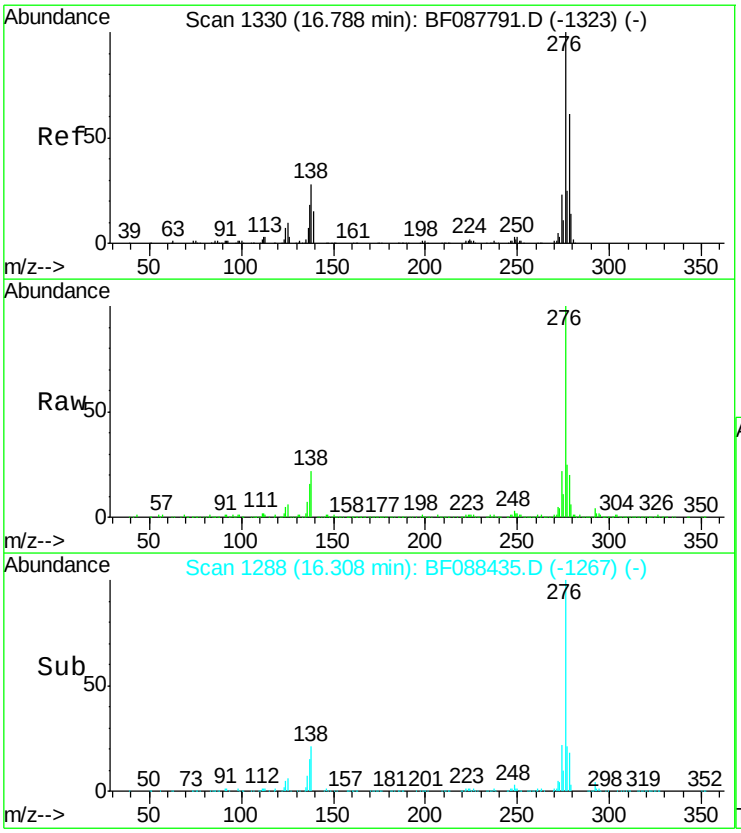
#82
Chrysene
Concen: 132.93 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.05 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 901594

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.2
229	22.3	16.3	24.5

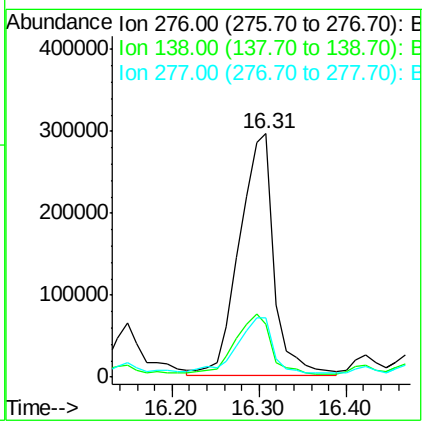


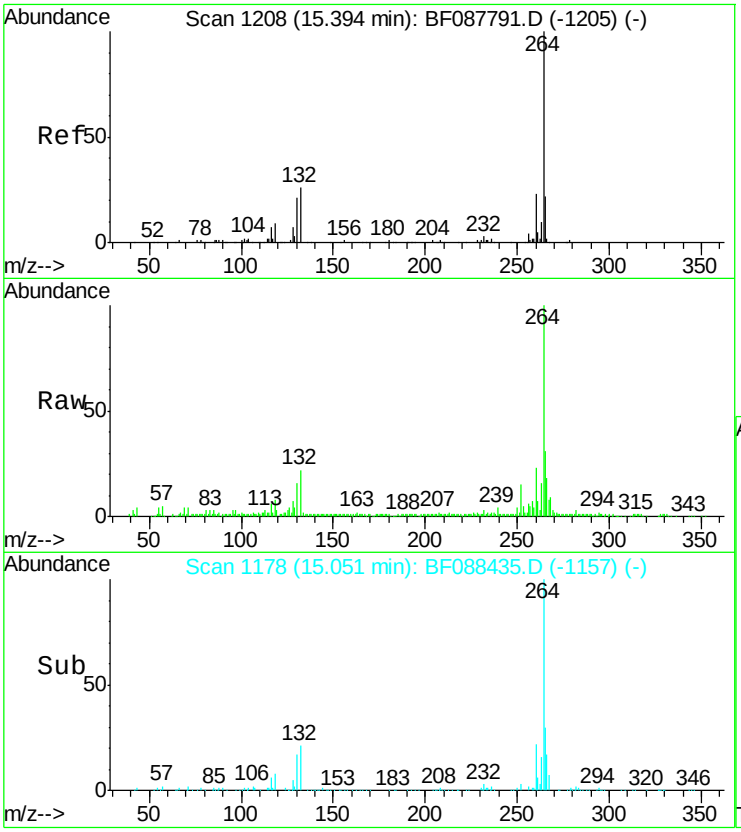


#85
Indeno(1,2,3-cd)pyrene
Concen: 129.51 ng
RT: 16.31 min Scan# 1288
Delta R.T. -0.06 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion:276 Resp: 816124

Ion	Ratio	Lower	Upper
276	100		
138	27.7	0.0	0.0#
277	24.7	0.0	0.0#



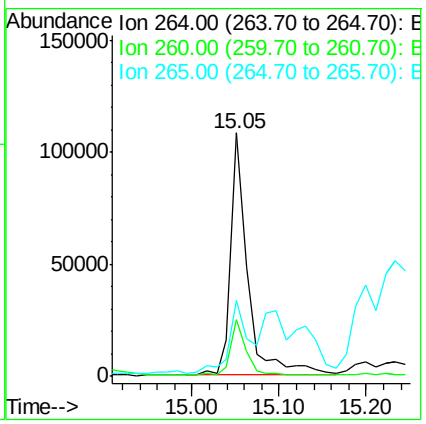


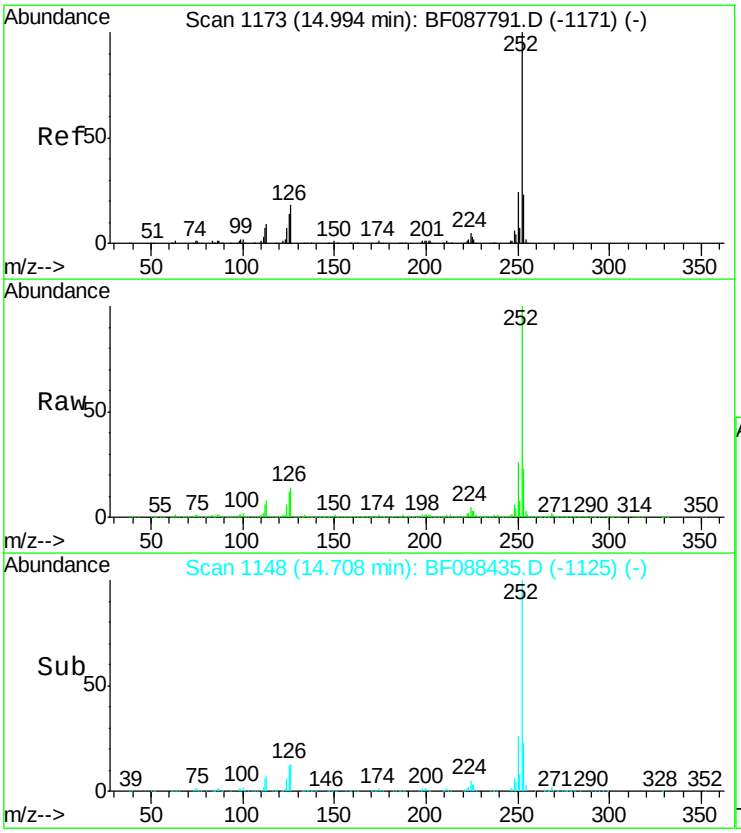
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 145337

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	30.9	16.9	25.3#

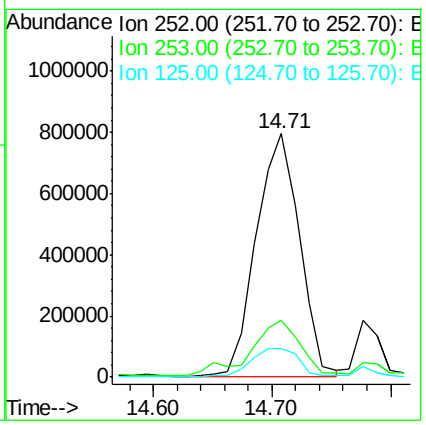


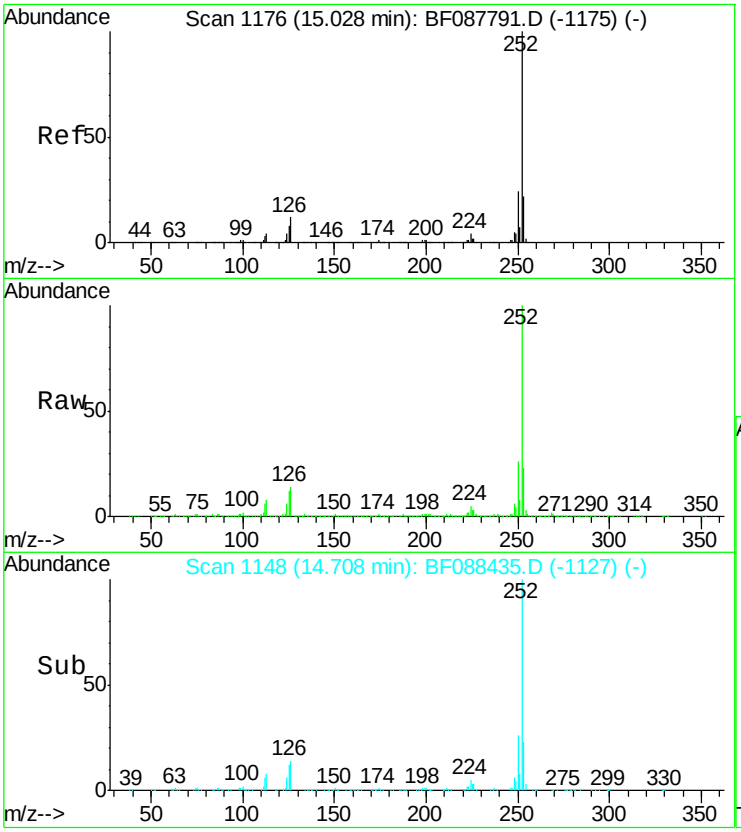


#87
Benzo(b)fluoranthene
Concen: 197.22 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion:252 Resp: 1997802

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	12.0	7.1	10.7#



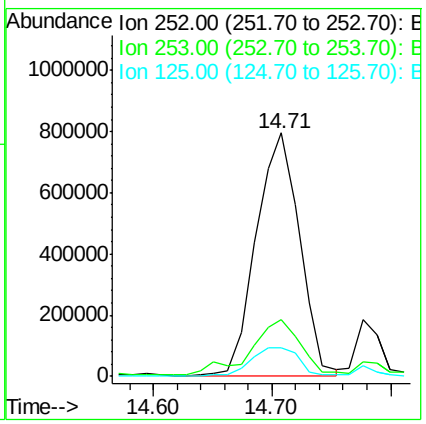


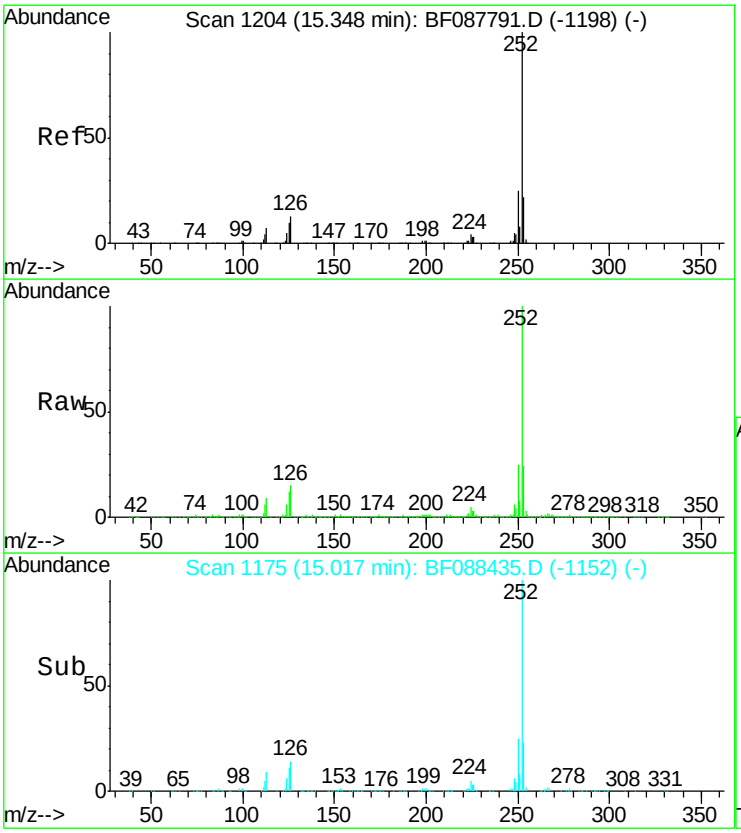
#88
Benzo(k)fluoranthene
Concen: 261.44 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.06 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1997802

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	12.0	11.2	16.8

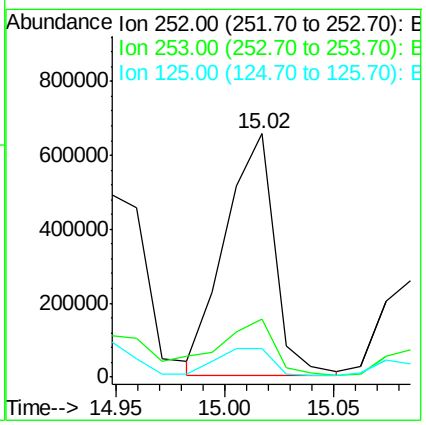


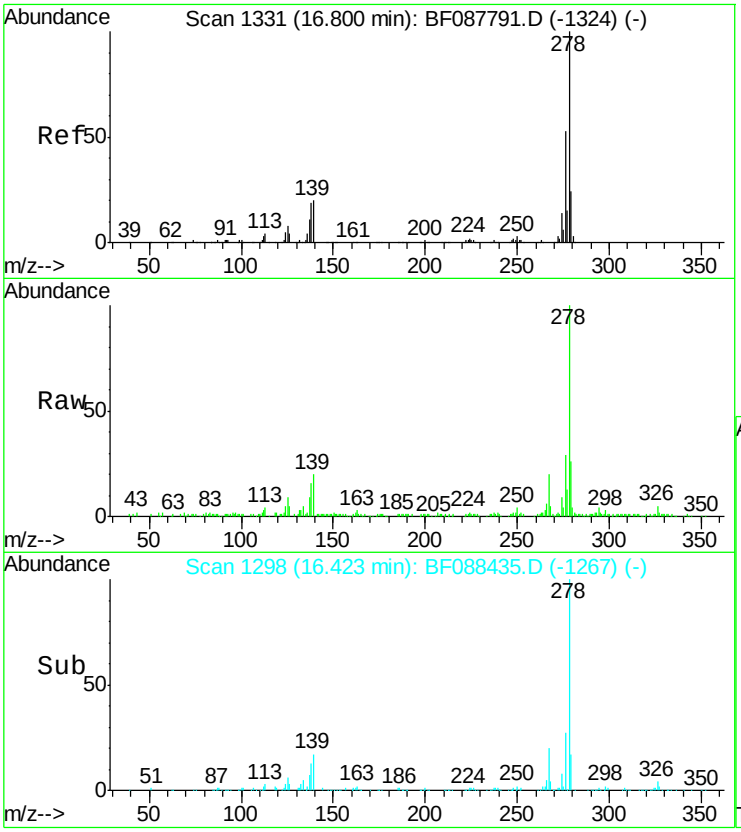


#89
Benzo(a)pyrene
Concen: 125.90 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.03 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion:252 Resp: 1031794

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	11.7	12.5	18.7#



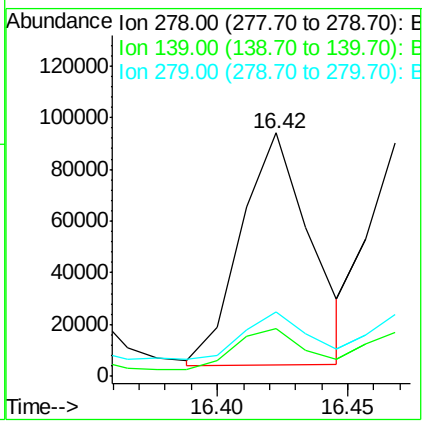


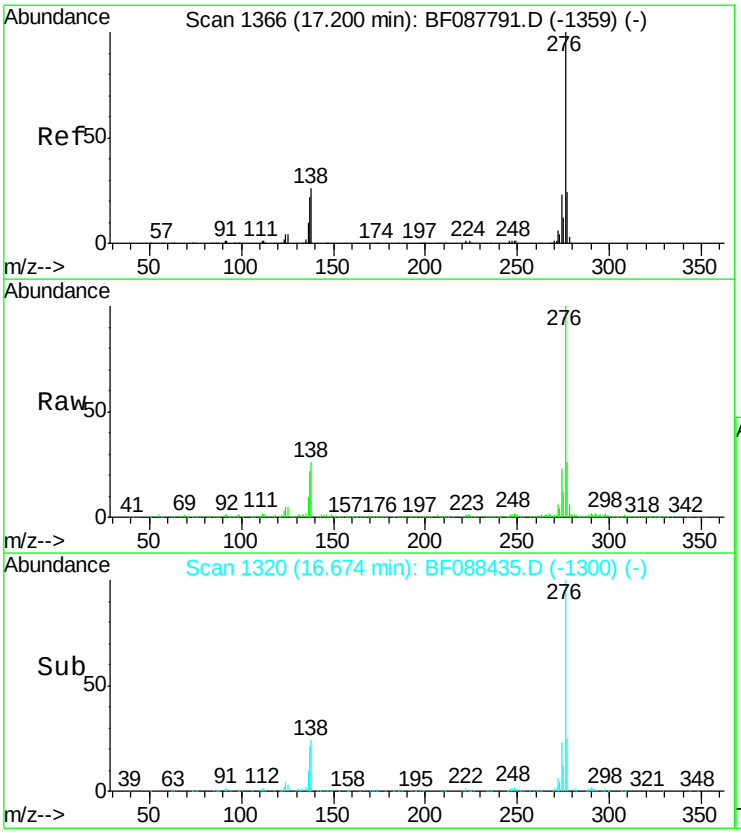
#90
Dibenzo(a,h)anthracene
Concen: 22.00 ng
RT: 16.42 min Scan# 1298
Delta R.T. 0.06 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 167476

Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.7	23.5
279	26.5	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 98.01 ng
RT: 16.67 min Scan# 1320
Delta R.T. -0.07 min
Lab File: BF088435.D
Acq: 26 Jun 2016 23:19

Tgt Ion:276 Resp: 767439

Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.9	28.3
138	25.7	21.4	32.2