Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051916\
Data File : BF087189.D
Acq On : 19 May 2016 16:13
Operator : UM/SJ
Sample : H3119-02 25X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 19 18:11:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	129138	20.00	ng		-0.05
21) Naphthalene-d8	7.85	136	531678	20.00	ng		-0.05
38) Acenaphthene-d10	9.60	164	271090	20.00	ng		-0.05
63) Phenanthrene-d10	11.08	188	506415	20.00	ng		-0.03
75) Chrysene-d12	13.70	240	384356	20.00	ng		-0.06
86) Perylene-d12	15.05	264	302886	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	30240	3.94	ng		-0.03
7) Phenol-d6	6.25	99	59023	5.73	ng		-0.03
23) Nitrobenzene-d5	7.14	82	43397	4.07	ng		-0.05
41) 2,4,6-Tribromophenol	10.40	330	8712	2.91	ng		-0.05
44) 2-Fluorobiphenyl	8.94	172	82357	5.03	ng		-0.05
78) Terphenyl-d14	12.66	244	76626	4.51	ng		-0.05
Target Compounds							Qvalue
31) Naphthalene	7.88	128	2443249	94.05	ng		99
33) 4-Chloroaniline	7.88	127	339464	31.44	ng	#	37
37) 2-Methylnaphthalene	8.57	142	436466	26.27	ng		98
45) 1,1'-Biphenyl	9.03	154	164157	7.30	ng		96
48) Acenaphthylene	9.46	152	117916	4.47	ng		97
51) Acenaphthene	9.63	154	508804	30.91	ng		98
54) Dibenzofuran	9.80	168	46210	2.17	ng	#	87
55) 4-Nitrophenol	9.80	139	20697	13.44	ng	#	20
57) Fluorene	10.15	166	331638	19.39	ng		99
70) Phenanthrene	11.11	178	1589538	57.87	ng		99
71) Anthracene	11.15	178	970359	34.93	ng		100
74) Fluoranthene	12.28	202	685205	24.90	ng		95
77) Pyrene	12.51	202	987874	35.58	ng		99
80) Benzo(a)anthracene	13.73	228	179373	8.07	ng		96
82) Chrysene	13.73	228	179612	8.35	ng		99
87) Benzo(b)fluoranthene	14.70	252	175982	8.76	ng		98
88) Benzo(k)fluoranthene	14.70	252	175982	11.76	ng		99
89) Benzo(a)pyrene	15.01	252	154057	9.17	ng		98

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

Quantitation Report (Not Reviewed)

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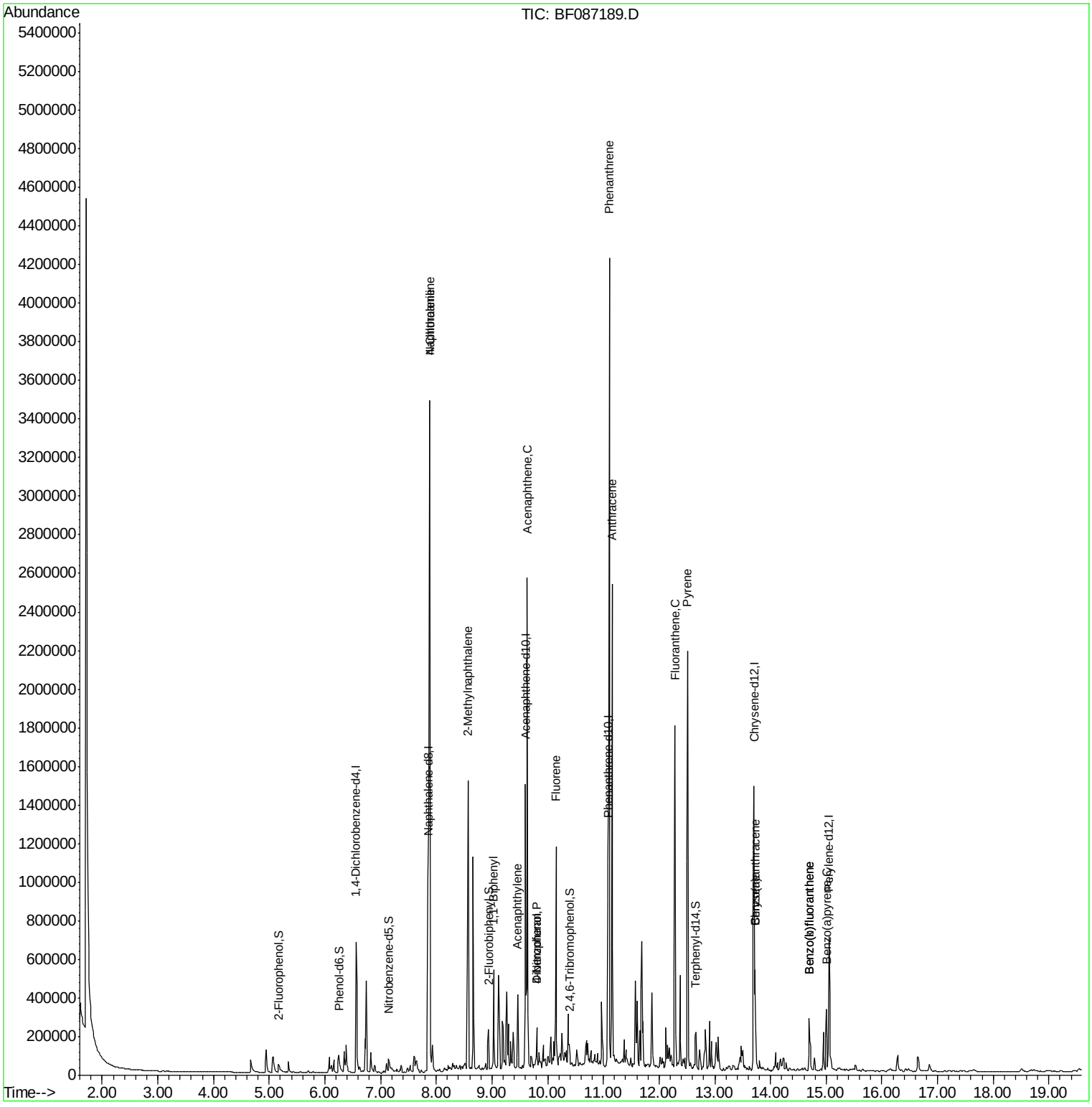
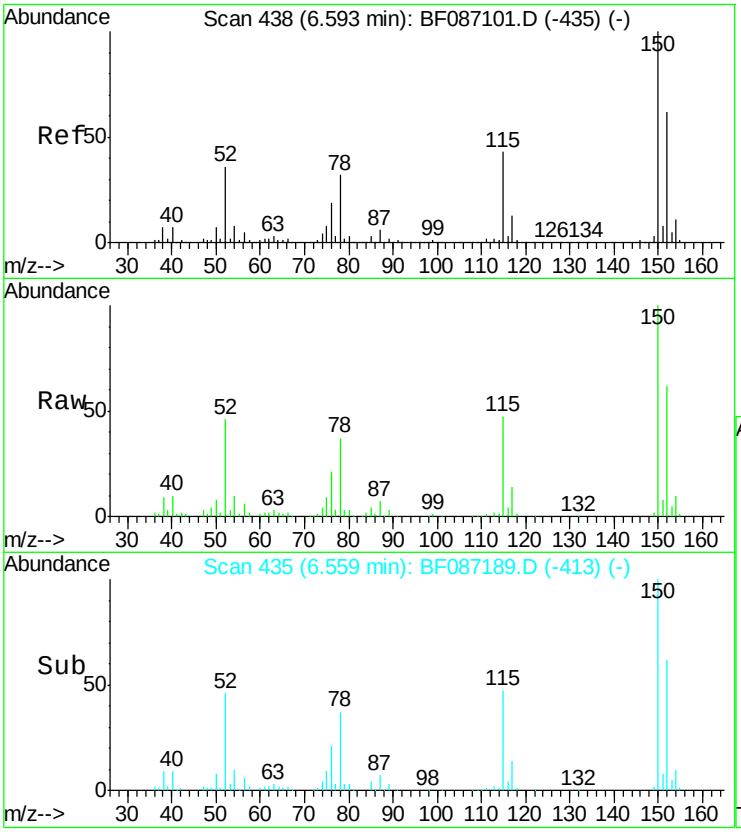
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration



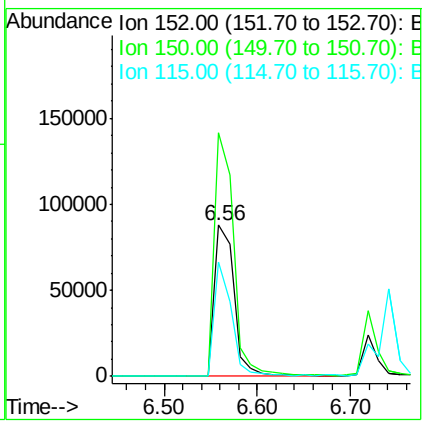


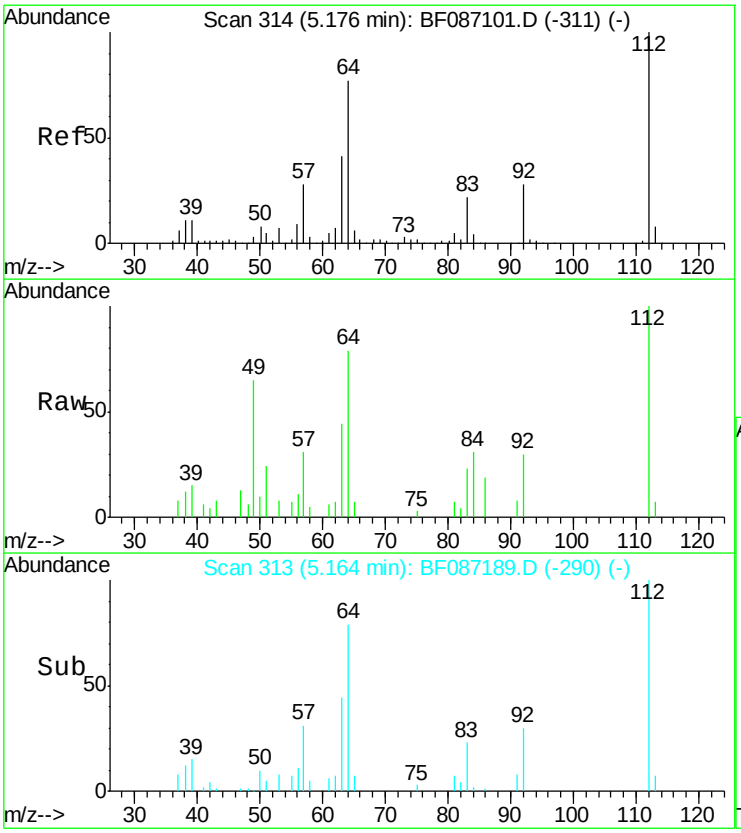
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 129138

Ion	Ratio	Lower	Upper
152	100		
150	161.2	125.8	188.6
115	75.8	51.5	77.3

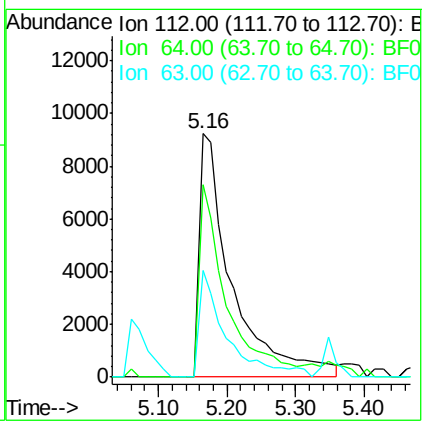


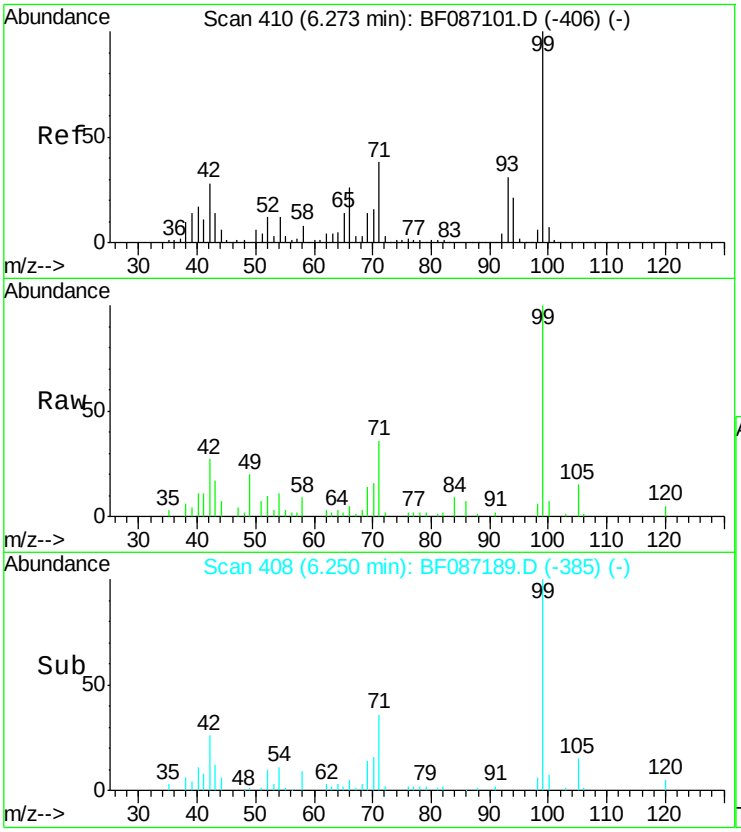


#5
2-Fluorophenol
Concen: 3.94 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.03 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Tgt Ion:112 Resp: 30240

Ion	Ratio	Lower	Upper
112	100		
64	79.0	52.1	78.1#
63	43.9	25.7	38.5#



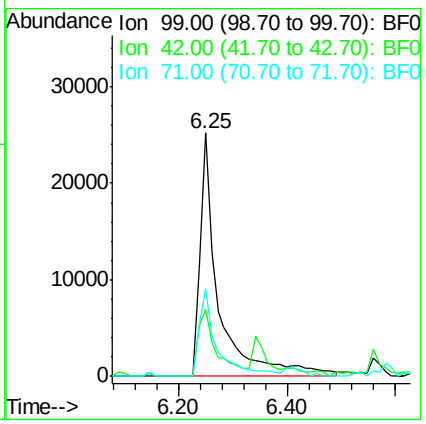


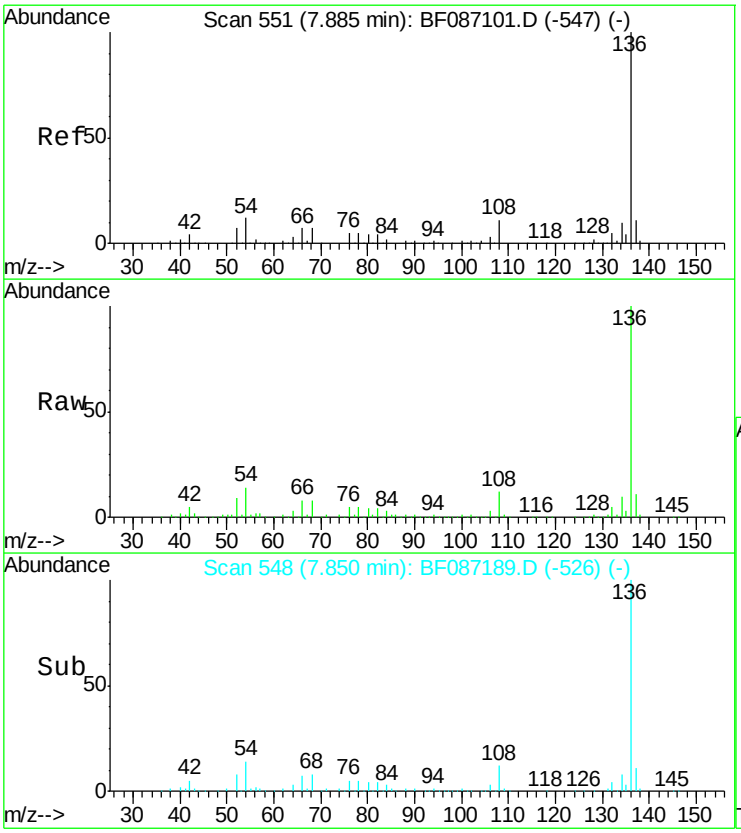
#7
Phenol-d6
Concen: 5.73 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 59023

Ion	Ratio	Lower	Upper
99	100		
42	27.4	13.6	20.4#
71	36.2	24.6	36.8

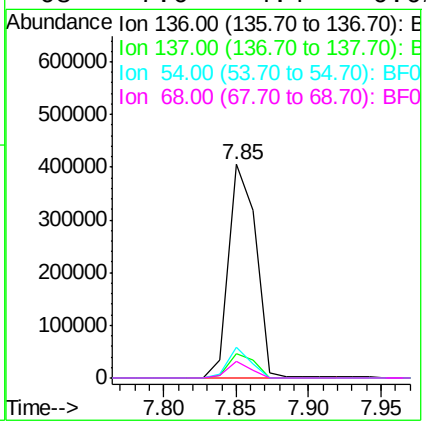


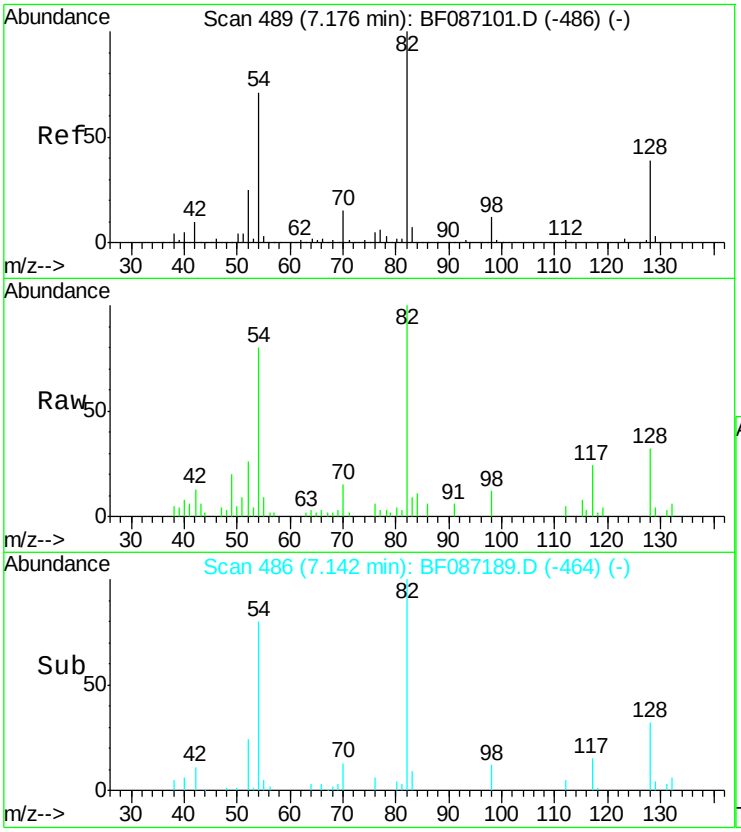


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Tgt Ion:136 Resp: 531678

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	14.3	5.0	7.4#
68	7.6	4.4	6.6#



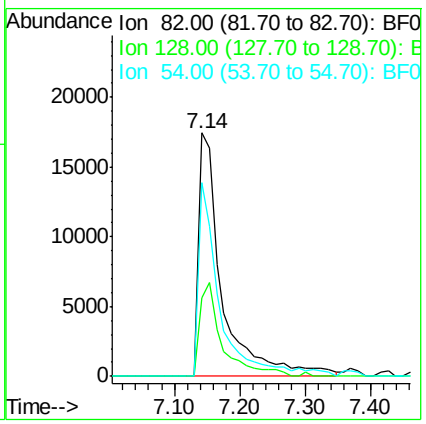


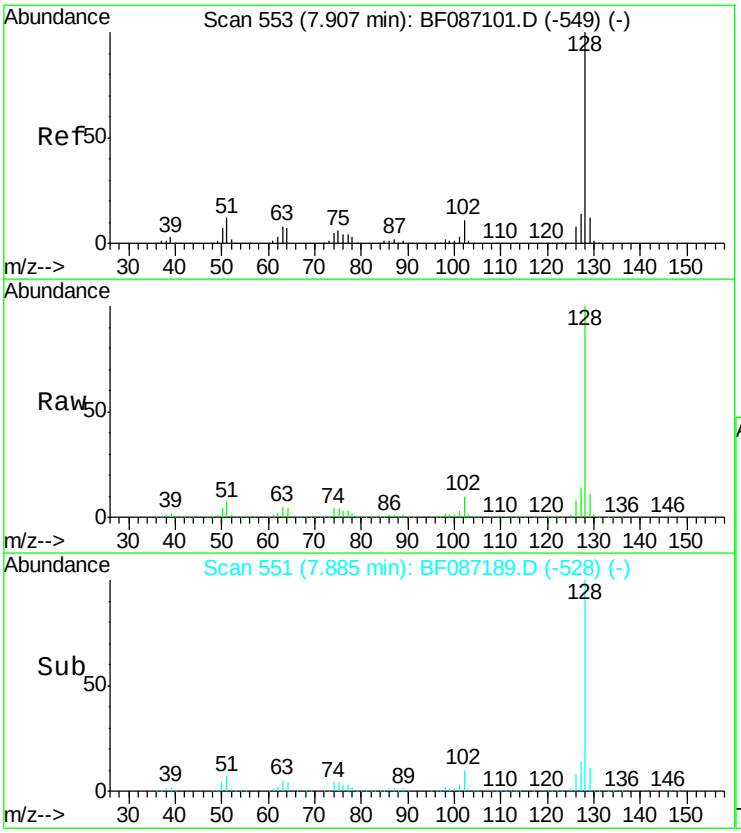
#23
Nitrobenzene-d5
Concen: 4.07 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.05 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 43397

Ion	Ratio	Lower	Upper
82	100		
128	32.5	40.6	61.0#
54	79.5	38.1	57.1#

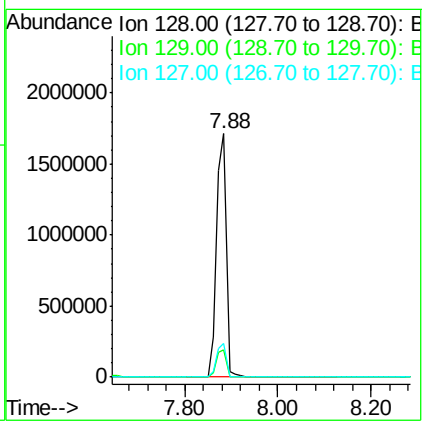


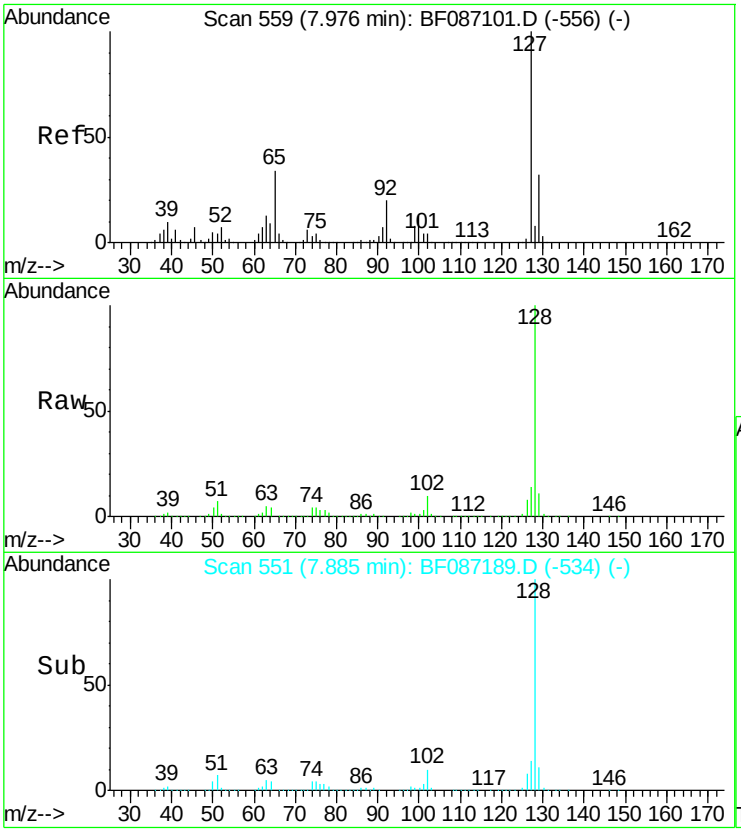


#31
Naphthalene
Concen: 94.05 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Tgt Ion:128 Resp: 2443249

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	14.1	10.8	16.2



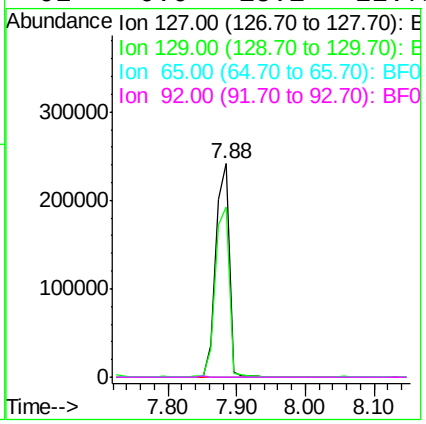


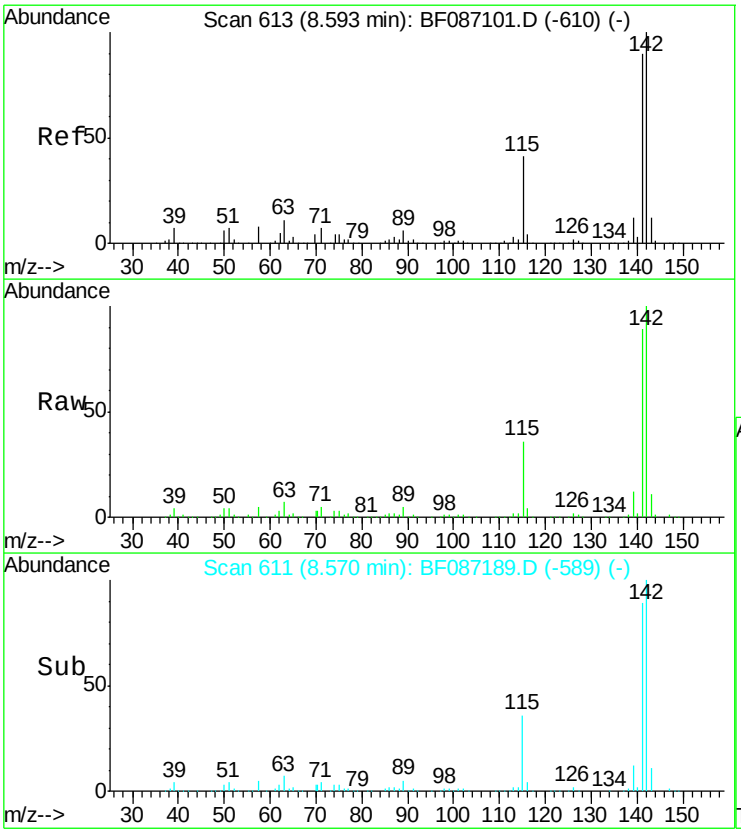
#33
4-Chloroaniline
Concen: 31.44 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.10 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 339464

Ion	Ratio	Lower	Upper
127	100		
129	79.8	26.2	39.4#
65	0.0	23.0	34.4#
92	0.0	15.1	22.7#

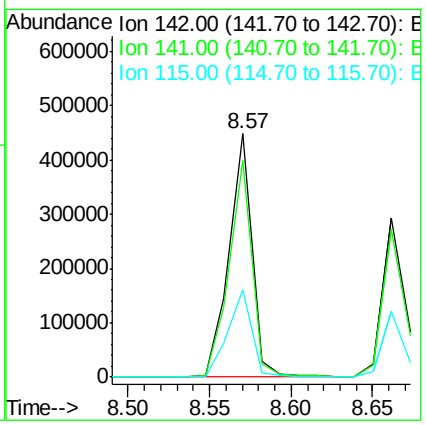


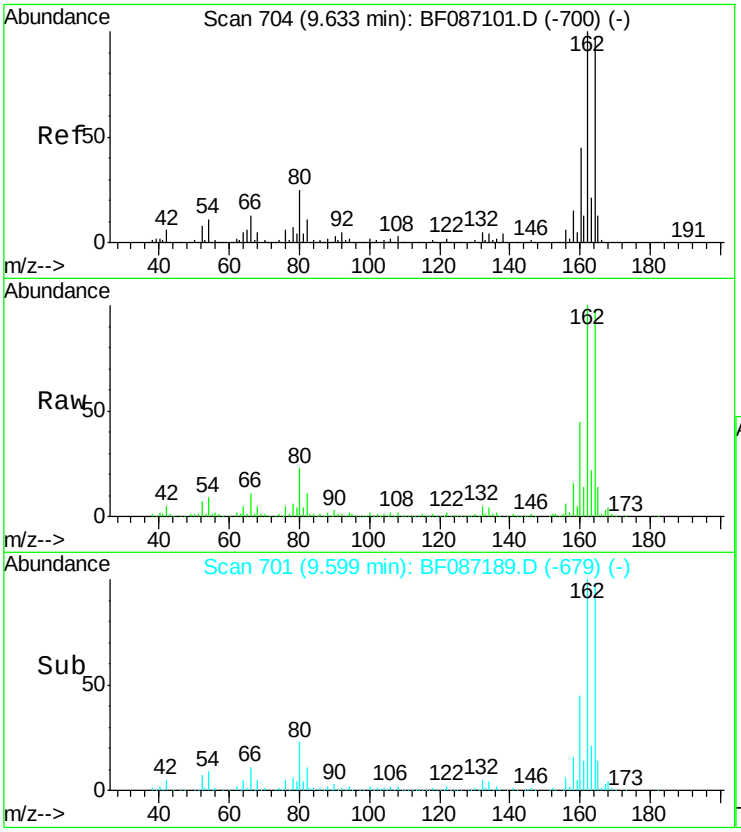


#37
2-Methylnaphthalene
Concen: 26.27 ng
RT: 8.57 min Scan# 611
Delta R.T. -0.05 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Tgt Ion:142 Resp: 436466

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	36.1	26.6	39.8



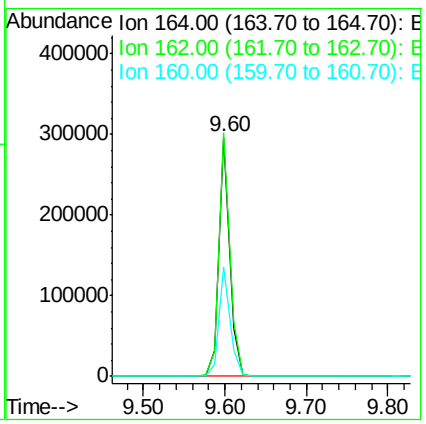


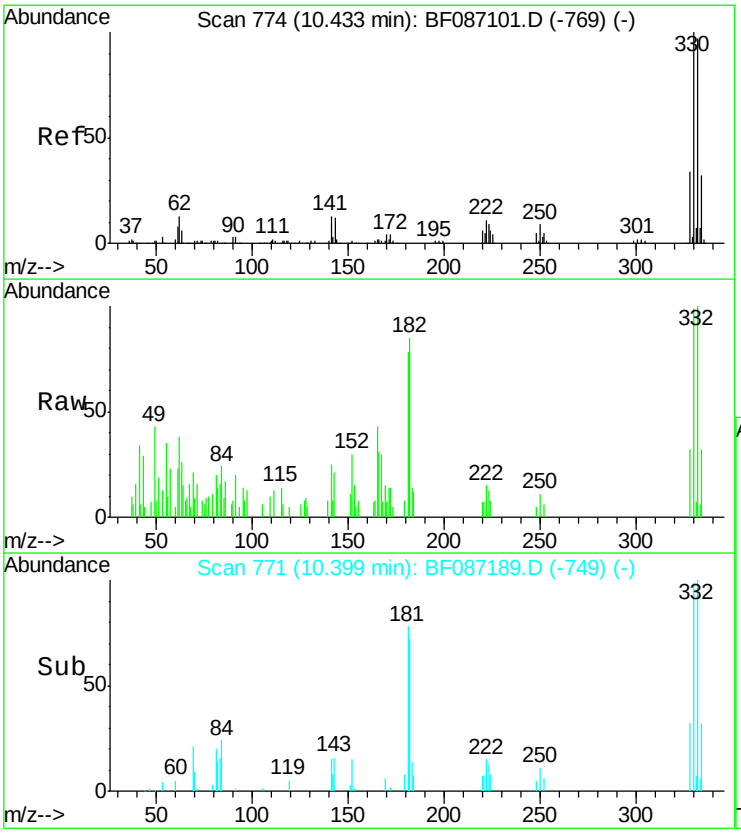
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.05 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 271090

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.8	124.2
160	45.9	36.9	55.3

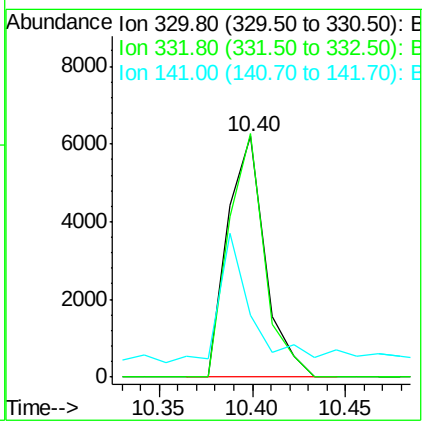


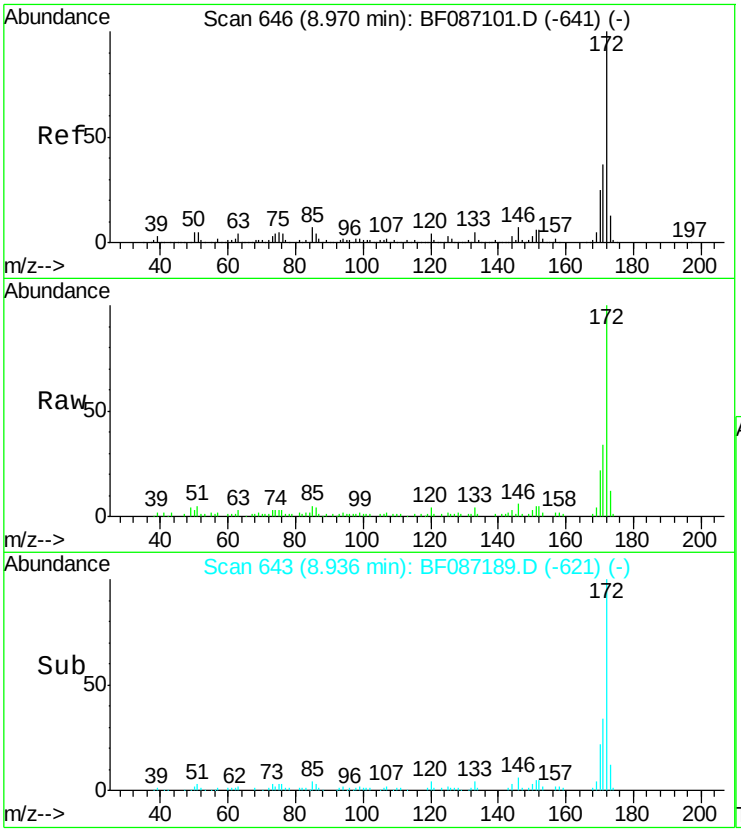


#41
2,4,6-Tribromophenol
Concen: 2.91 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.05 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Tgt Ion:330 Resp: 8712

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	51.3	31.2	46.8#



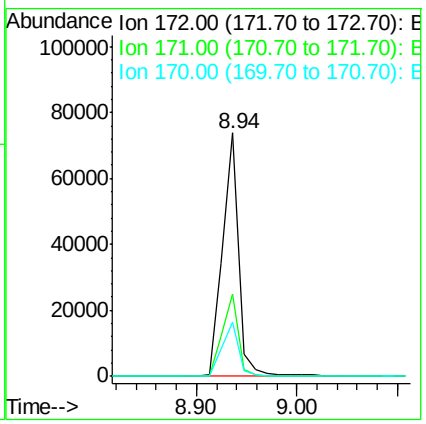


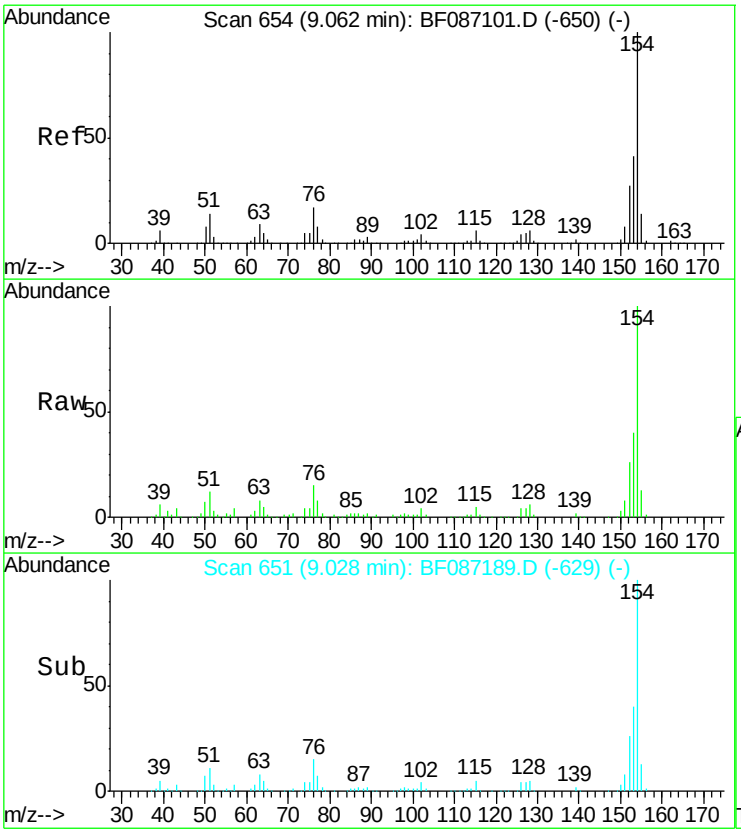
#44
2-Fluorobiphenyl
Concen: 5.03 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 82357

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.0	43.6
170	22.3	19.8	29.8

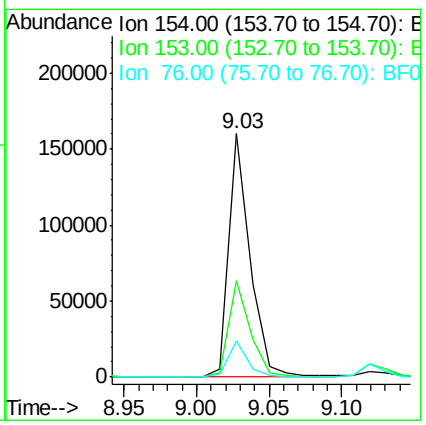


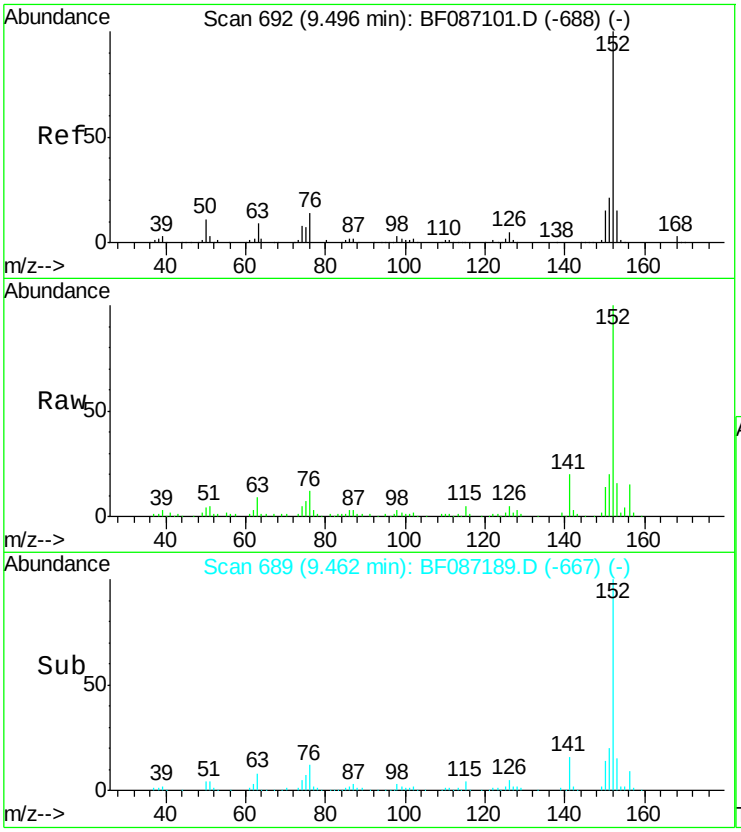


#45
1,1'-Biphenyl
Concen: 7.30 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Tgt Ion:154 Resp: 164157

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.3	60.3
76	15.1	0.0	30.2



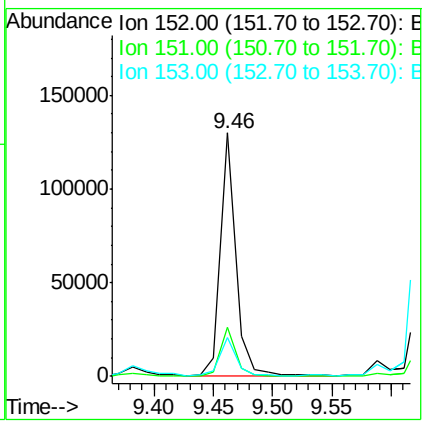


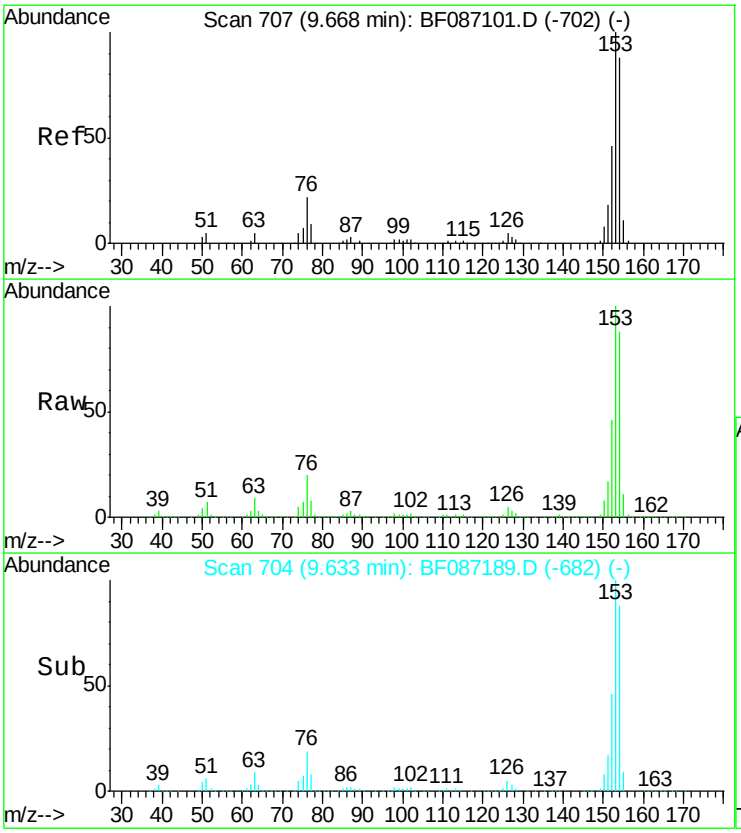
#48
Acenaphthylene
Concen: 4.47 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 117916

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	15.9	10.9	16.3

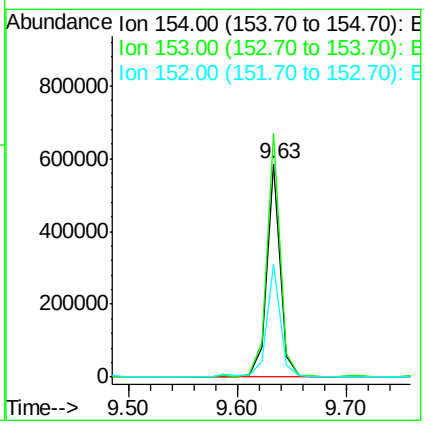


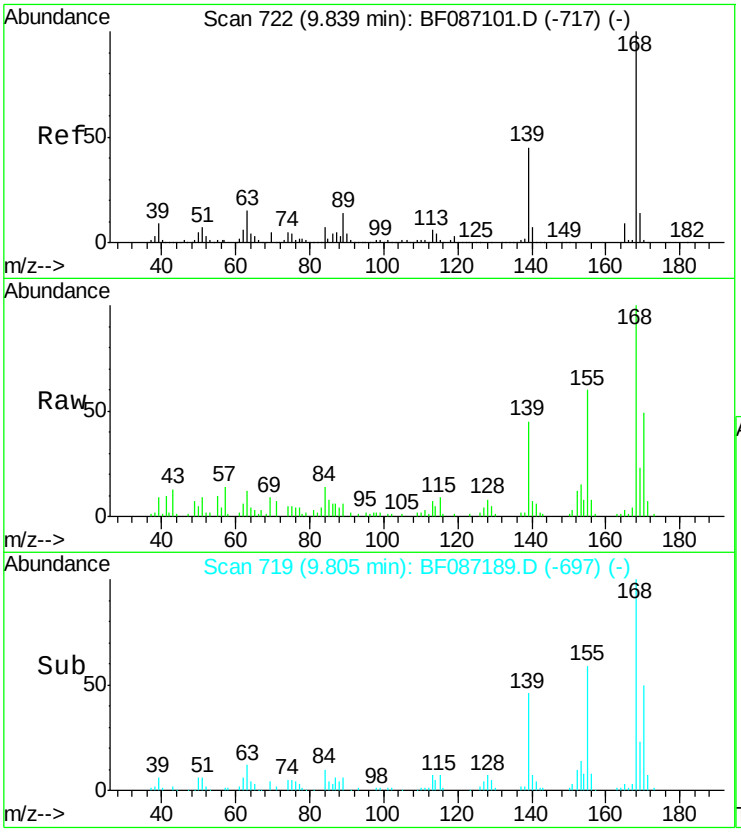


#51
Acenaphthene
Concen: 30.91 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.05 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Tgt Ion:154 Resp: 508804

Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.8	134.6
152	52.8	43.4	65.0



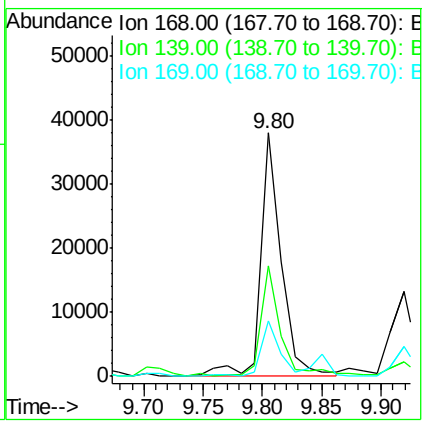


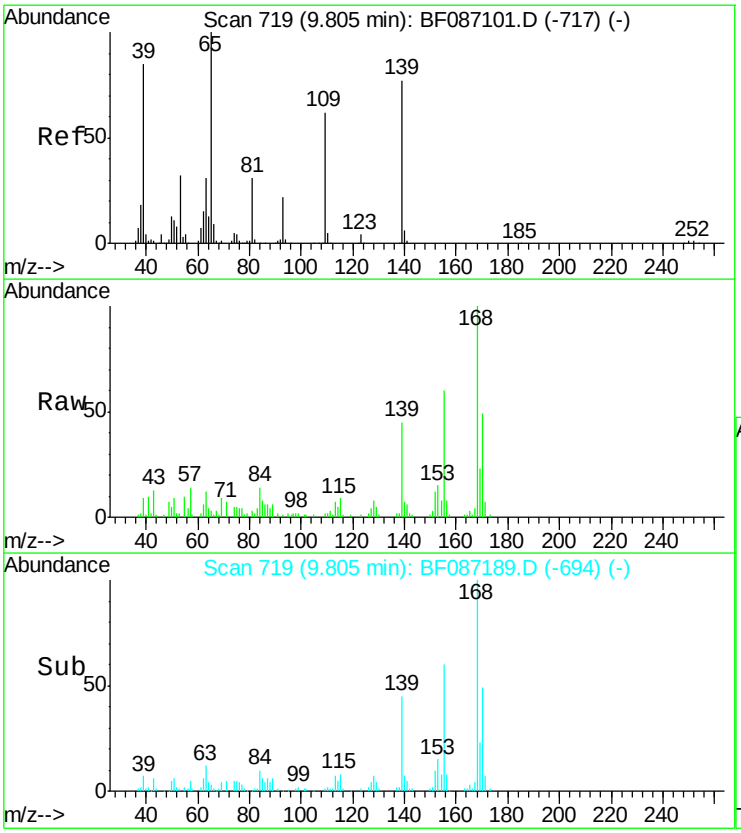
#54
Dibenzofuran
Concen: 2.17 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 46210

Ion	Ratio	Lower	Upper
168	100		
139	45.2	31.4	47.0
169	22.6	10.7	16.1#

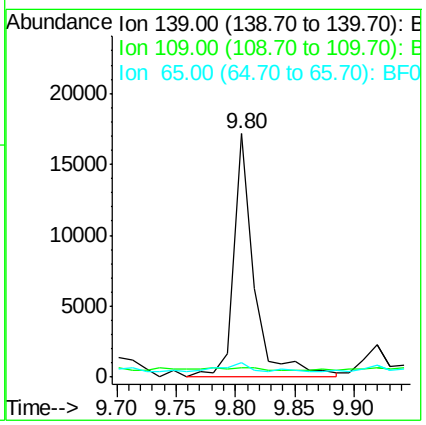


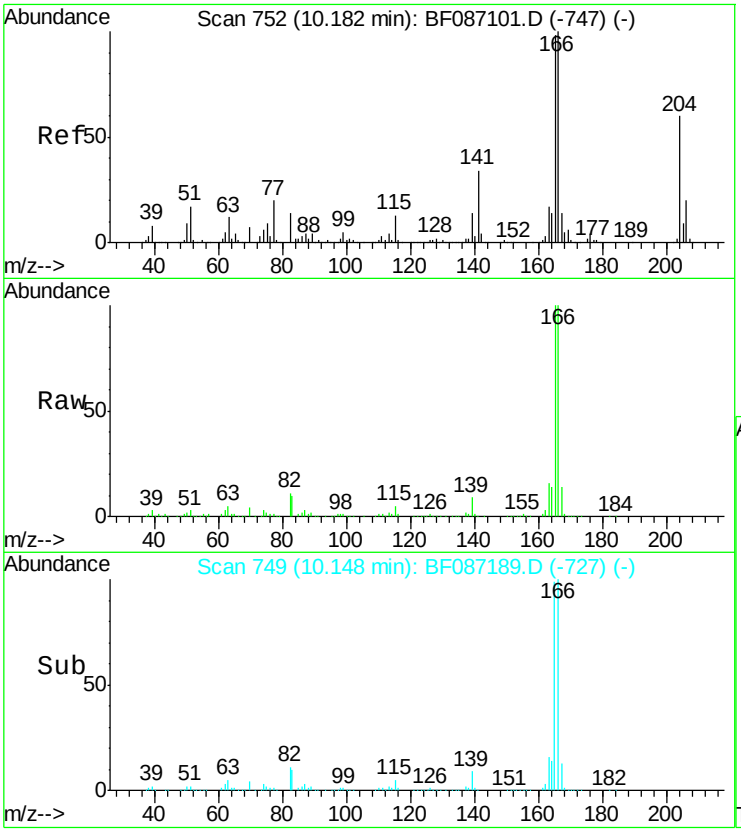


#55
4-Nitrophenol
Concen: 13.44 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Tgt Ion:139 Resp: 20697

Ion	Ratio	Lower	Upper
139	100		
109	4.0	36.9	76.9#
65	5.8	64.0	104.0#



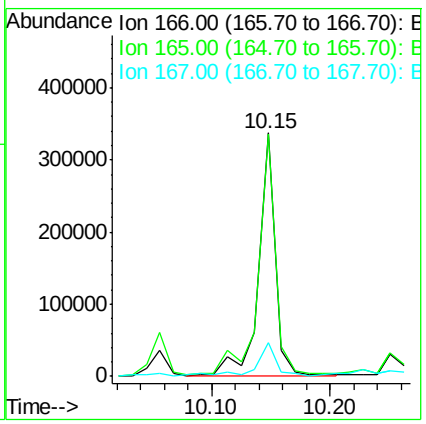


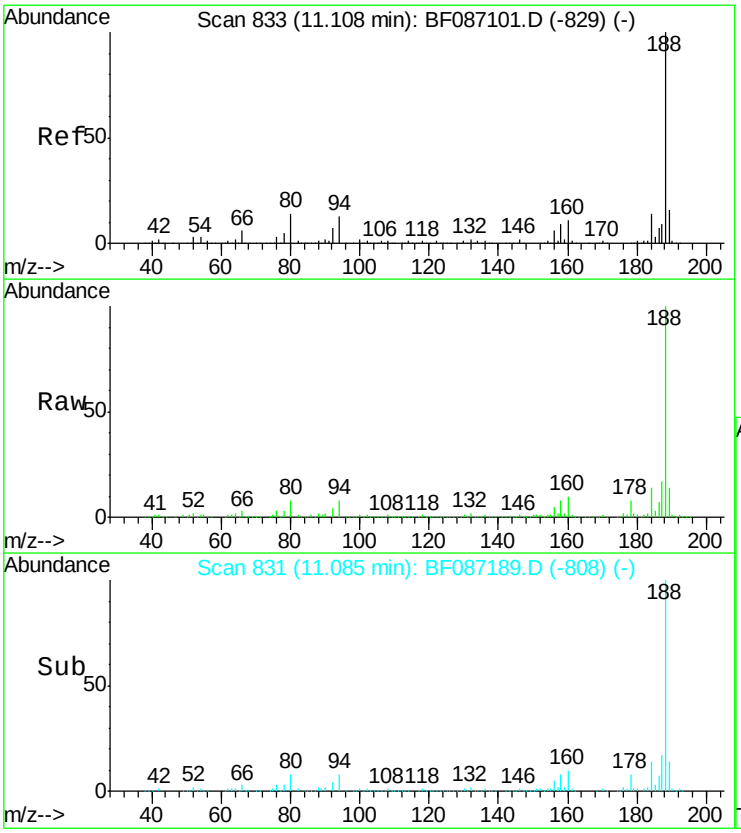
#57
Fluorene
Concen: 19.39 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.05 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 331638

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.0	118.6
167	13.6	10.6	15.8

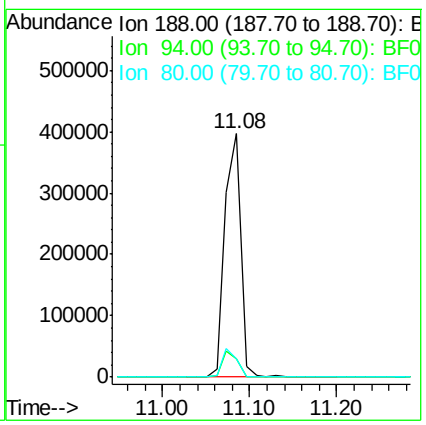


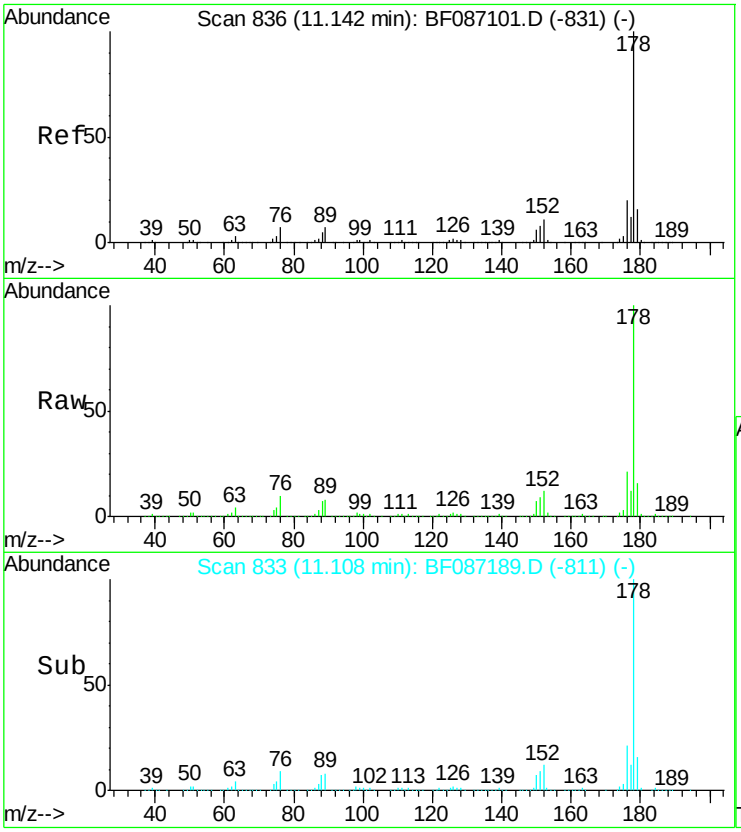


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Tgt Ion:188 Resp: 506415

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.8	10.2
80	7.7	7.1	10.7



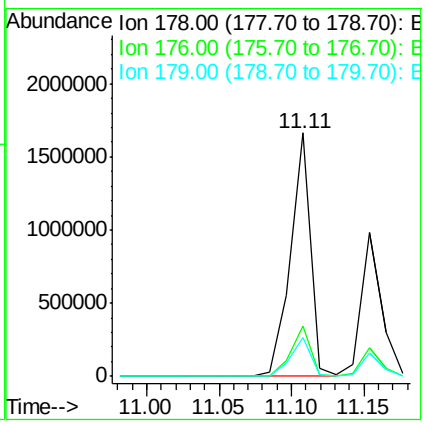


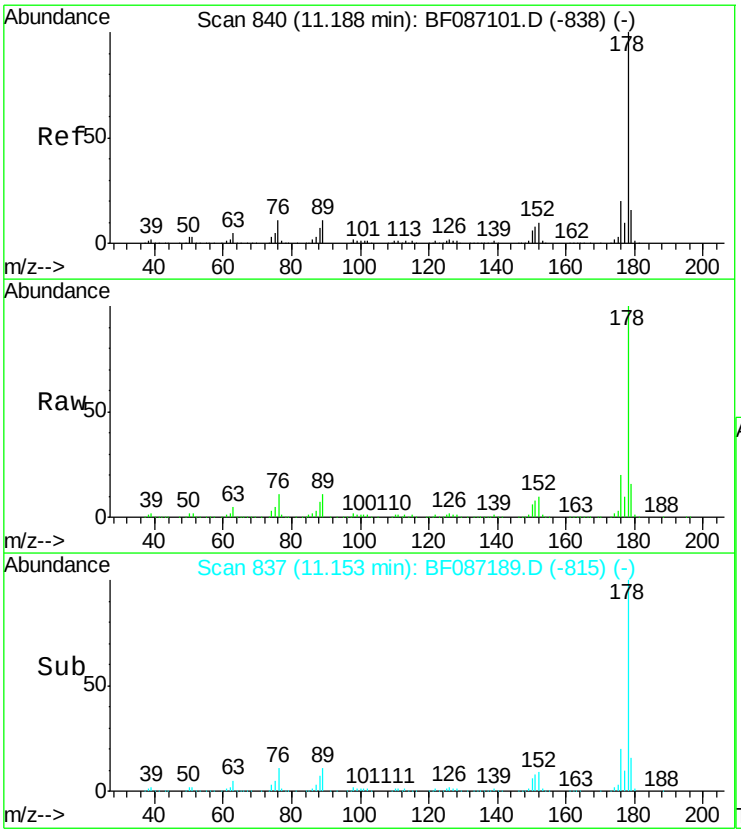
#70
Phenanthrene
Concen: 57.87 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.05 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1589538

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.0	24.0
179	16.0	12.6	18.8

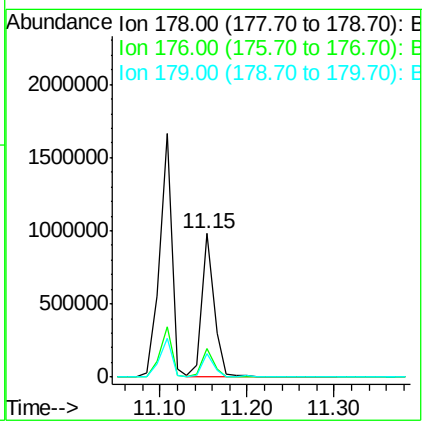


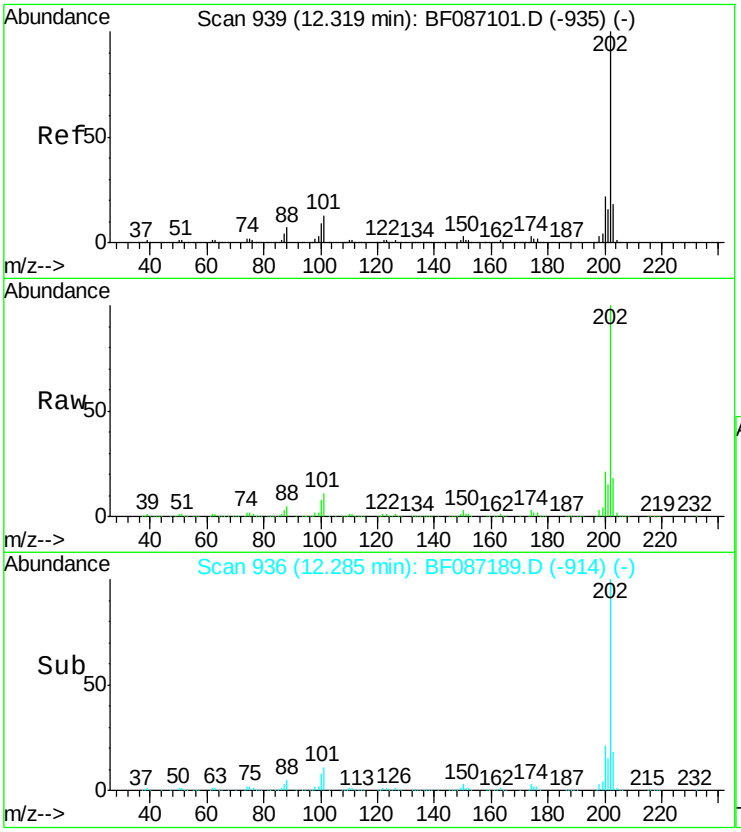


#71
Anthracene
Concen: 34.93 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.05 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Tgt Ion:178 Resp: 970359

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	16.1	12.7	19.1



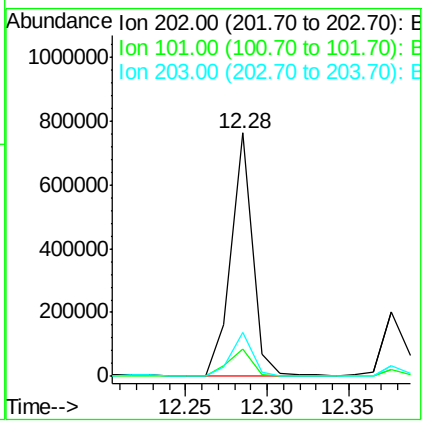


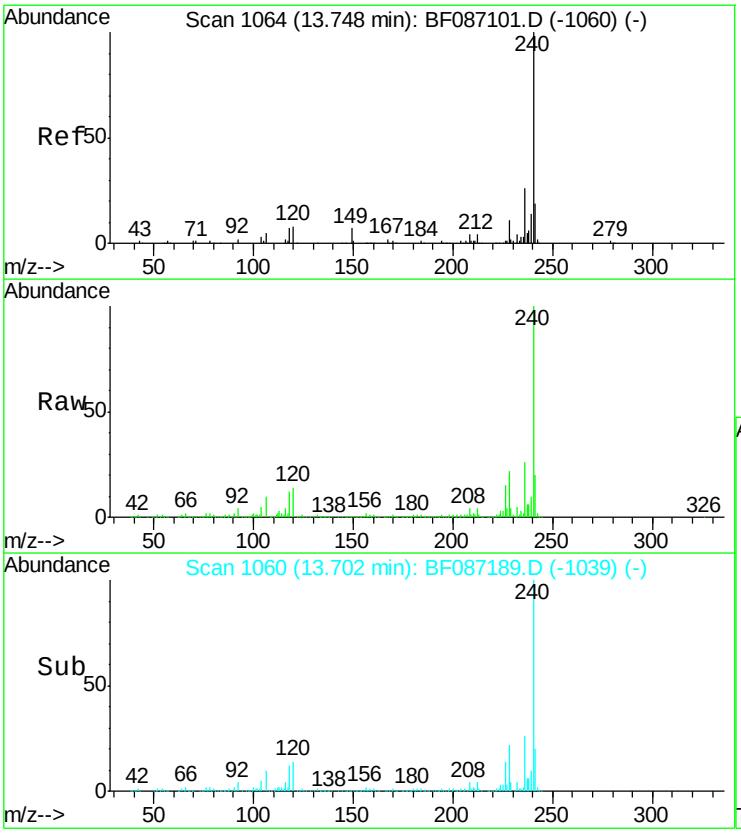
#74
Fluoranthene
Concen: 24.90 ng
RT: 12.28 min Scan# 936
Delta R.T. -0.05 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 685205

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	35.4
203	17.8	0.0	38.1

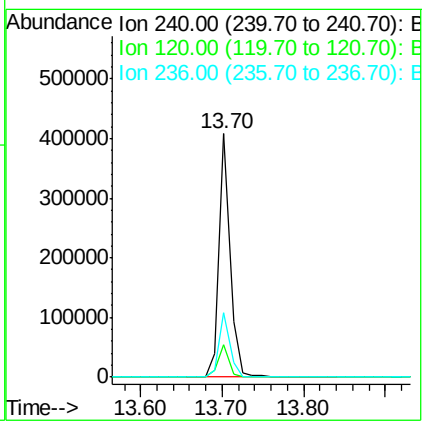


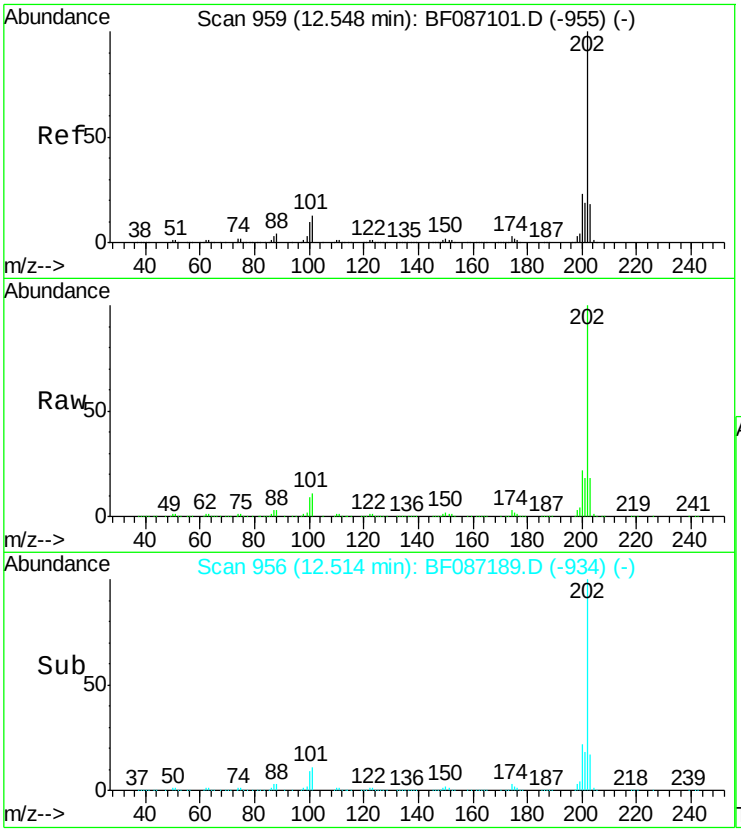


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.06 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Tgt Ion:240 Resp: 384356

Ion	Ratio	Lower	Upper
240	100		
120	13.5	11.2	16.8
236	26.3	21.2	31.8



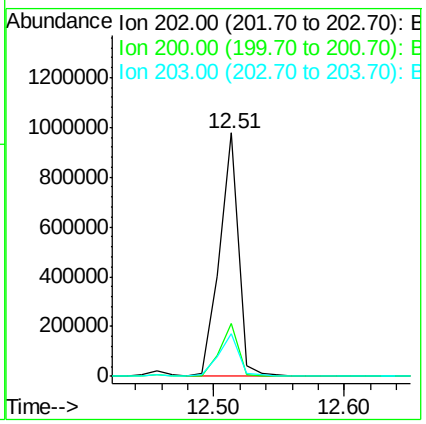


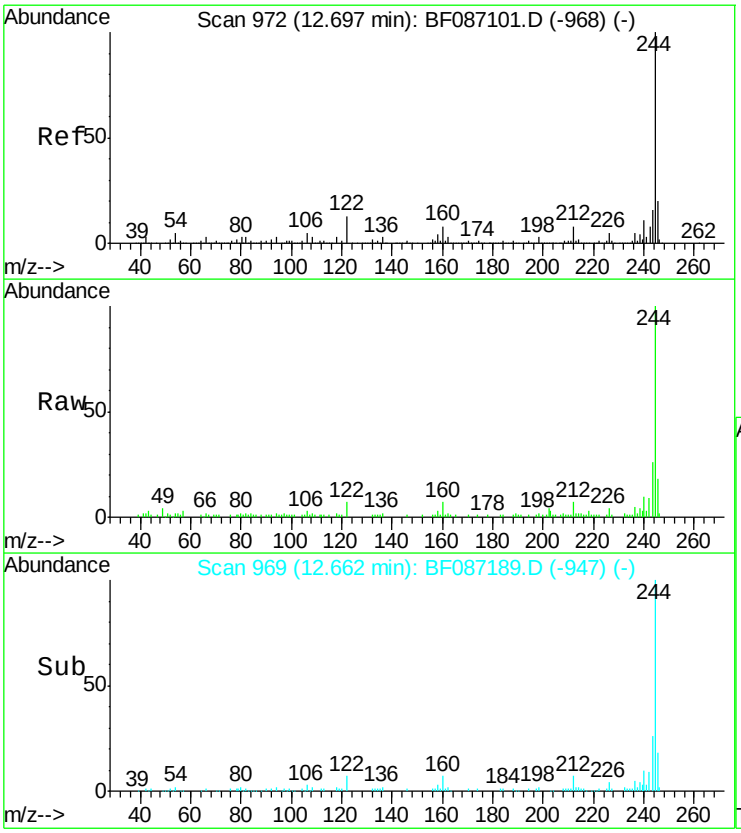
#77
Pyrene
Concen: 35.58 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.05 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 987874

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	17.5	14.2	21.4

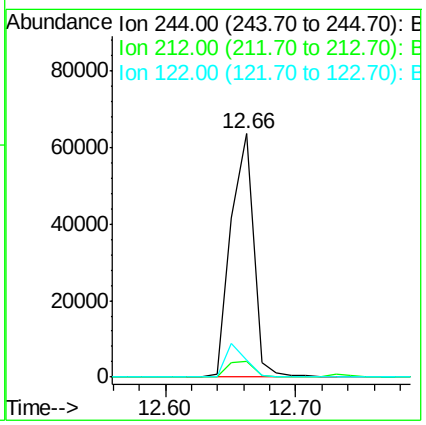


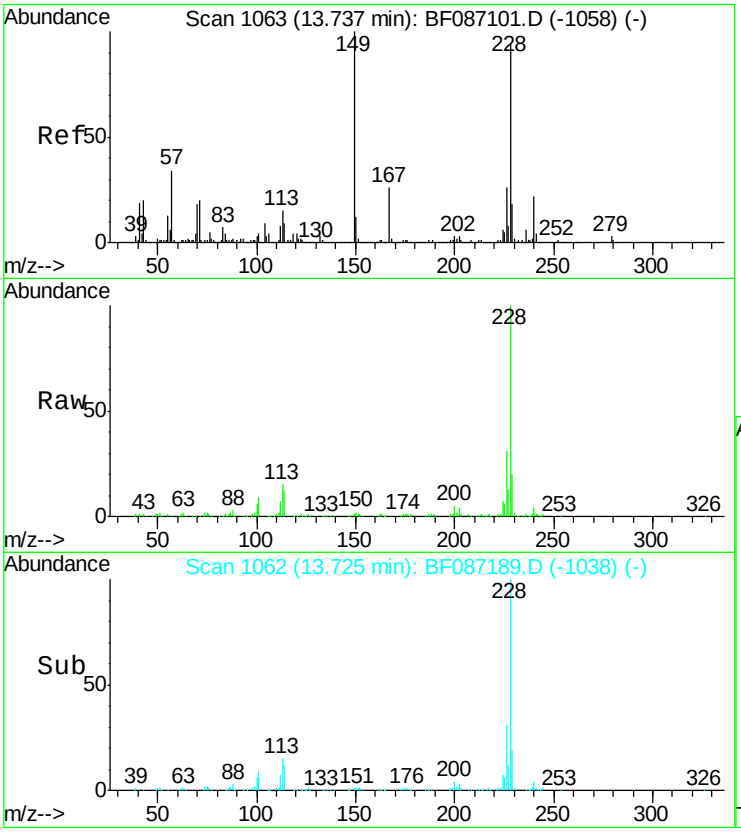


#78
Terphenyl-d14
Concen: 4.51 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Tgt Ion:244 Resp: 76626

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.2	9.2
122	7.2	12.0	18.0#



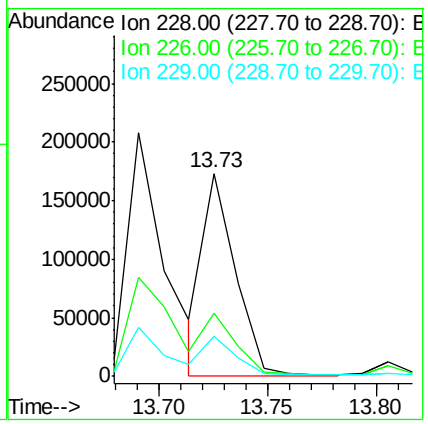


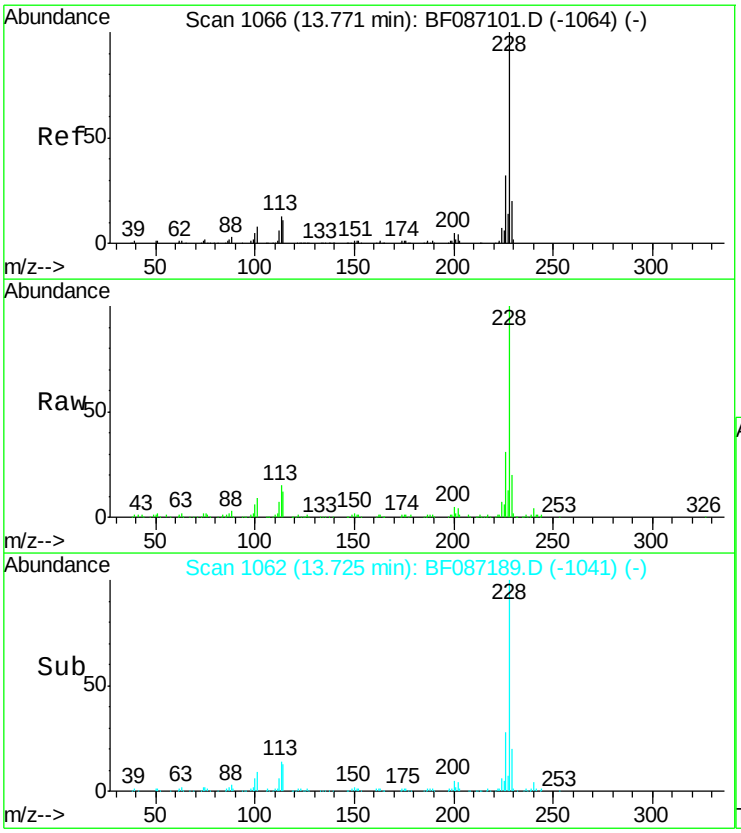
#80
Benzo(a)anthracene
Concen: 8.07 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 179373

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.5	33.7
229	19.9	16.6	25.0

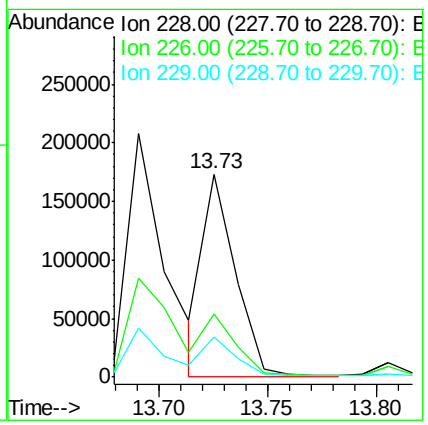


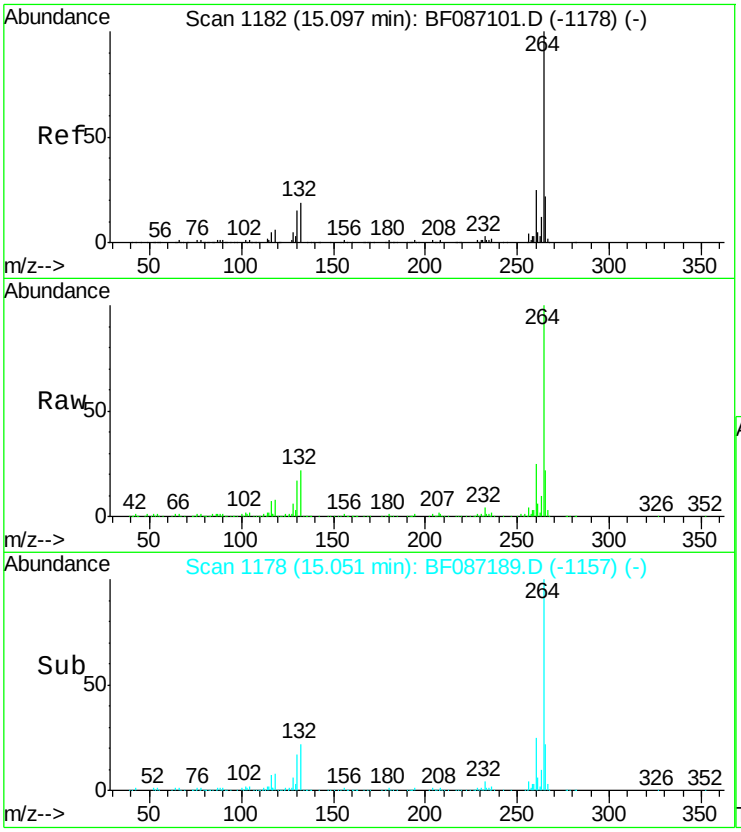


#82
Chrysene
Concen: 8.35 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.06 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Tgt Ion:228 Resp: 179612

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	19.9	15.8	23.8



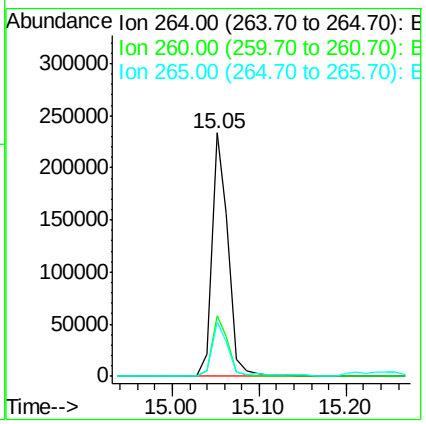


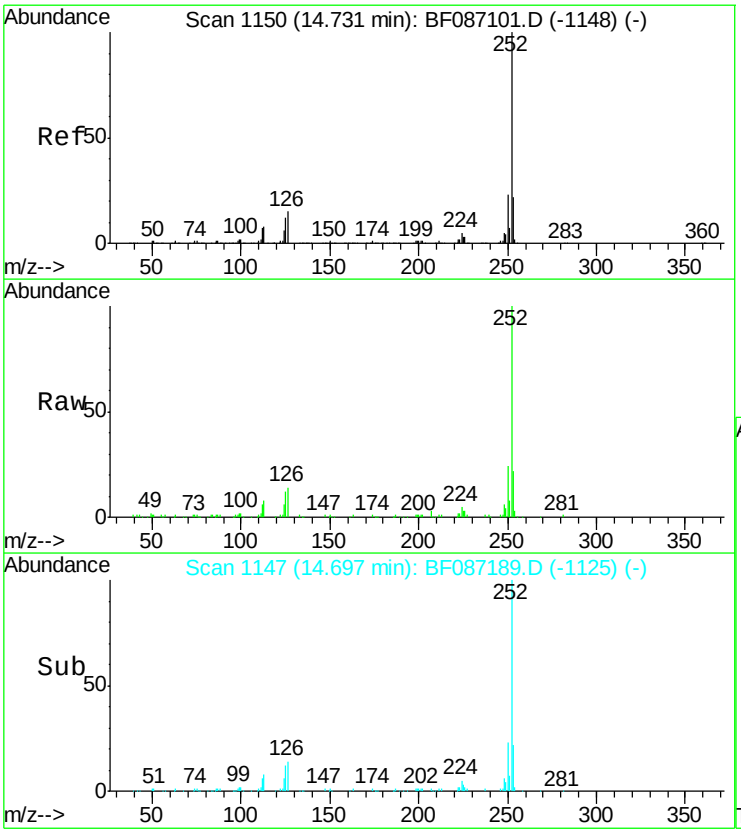
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 302886

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.5	17.3	25.9

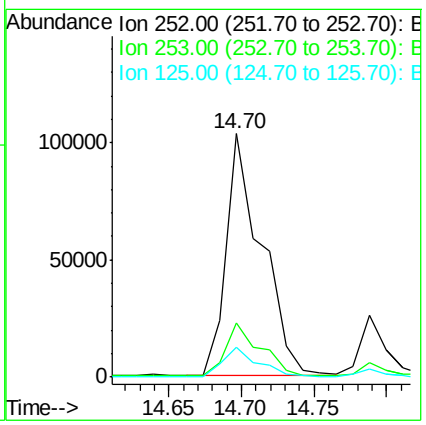


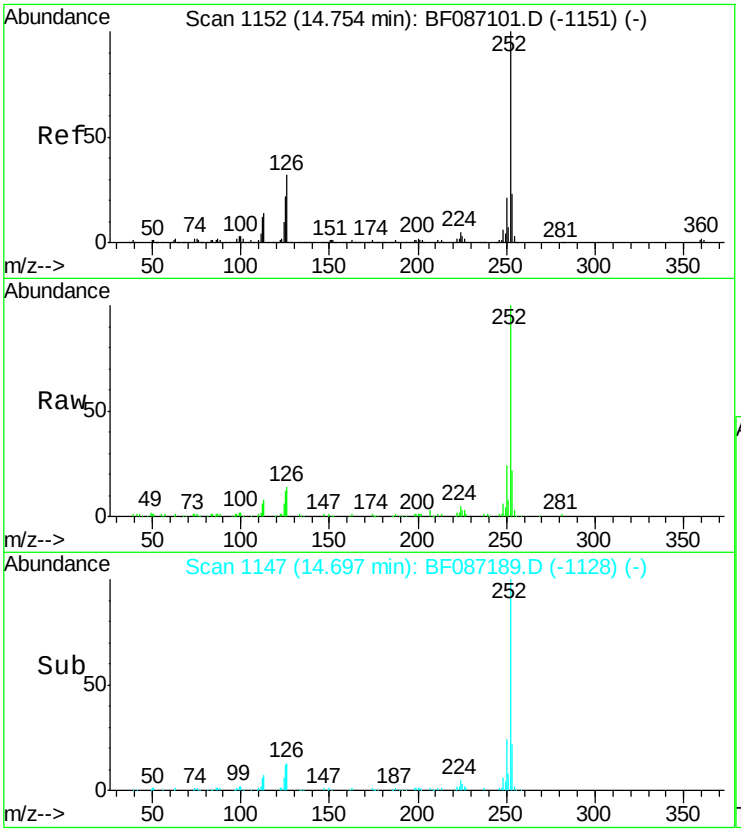


#87
Benzo(b)fluoranthene
Concen: 8.76 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Tgt Ion:252 Resp: 175982

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	12.1	11.4	17.0



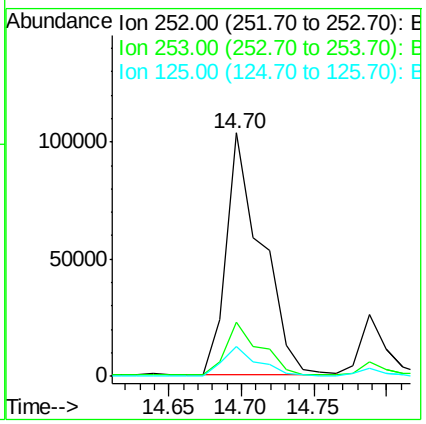


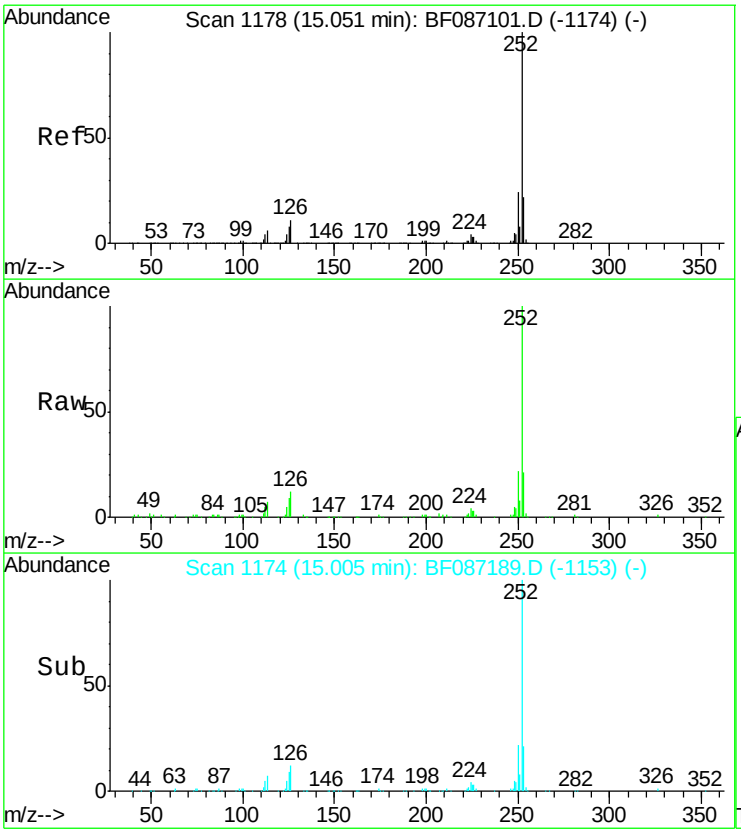
#88
Benzo(k)fluoranthene
Concen: 11.76 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.08 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 175982

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	12.1	9.1	13.7





#89
Benzo(a)pyrene
Concen: 9.17 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.06 min
Lab File: BF087189.D
Acq: 19 May 2016 16:13

Tgt Ion:252 Resp: 154057

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	9.1	9.0	13.6