Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087758.D
Acq On : 6 Jun 2016 18:15
Operator : UM/SJ
Sample : H3382-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-COMP

Quant Time: Jun 07 01:14:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	104136	20.00	ng		-0.02
21) Naphthalene-d8	8.14	136	432247	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	167246	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	279471	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	210791	20.00	ng		-0.02
86) Perylene-d12	15.43	264	172394	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	649684	100.84	ng		0.00
7) Phenol-d6	6.49	99	938274	116.12	ng		0.00
23) Nitrobenzene-d5	7.42	82	547539	73.29	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	152703	90.96	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	898504	81.31	ng		-0.02
78) Terphenyl-d14	12.96	244	651201	75.38	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	71995	14.27	ng	#	73
48) Acenaphthylene	9.75	152	64666	3.84	ng		99
49) Dimethylphthalate	9.61	163	69459	5.71	ng		98
56) 2,4-Dinitrotoluene	9.88	165	21902	6.22	ng	#	37
64) 4,6-Dinitro-2-methylphenol	10.67	198	302	2.20	ng	#	1
66) 4-Bromophenyl-phenylether	10.67	248	9753	3.52	ng	#	1
70) Phenanthrene	11.39	178	303985	20.06	ng		99
71) Anthracene	11.44	178	61363	4.04	ng		99
72) Carbazole	11.60	167	30305	2.11	ng		98
74) Fluoranthene	12.58	202	561666	37.67	ng		96
77) Pyrene	12.81	202	427683	28.49	ng		98
80) Benzo(a)anthracene	14.02	228	196698	16.17	ng		96
82) Chrysene	14.02	228	196698	16.24	ng		97
85) Indeno(1,2,3-cd)pyrene	16.81	276	99488	9.94	ng	#	100
87) Benzo(b)fluoranthene	15.02	252	371925	33.17	ng	#	95
88) Benzo(k)fluoranthene	15.02	252	371925	39.86	ng		99
89) Benzo(a)pyrene	15.36	252	160816	17.06	ng		99
90) Dibenzo(a,h)anthracene	16.82	278	26517	3.31	ng		94
91) Benzo(g,h,i)perylene	17.22	276	85792	10.60	ng		99

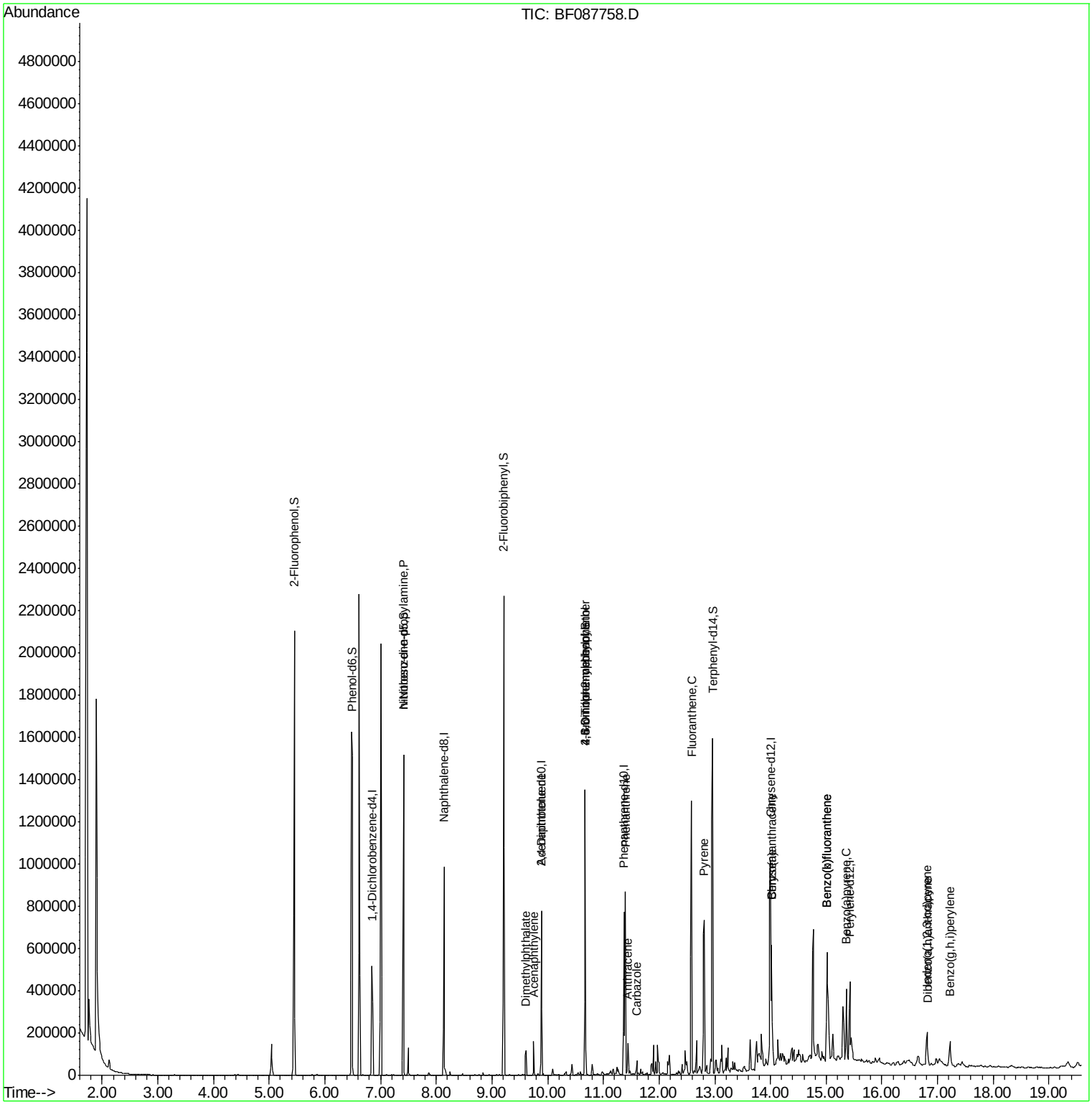
(#) = qualifier out of range (m) = manual integration (+) = signals summed

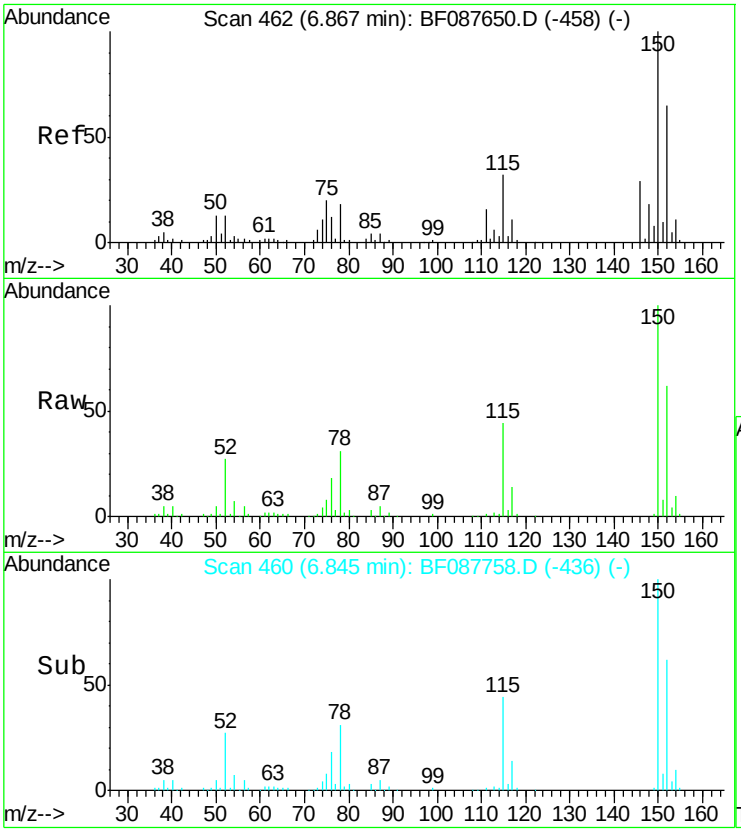
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087758.D
Acq On : 6 Jun 2016 18:15
Operator : UM/SJ
Sample : H3382-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Time: Jun 07 01:14:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration



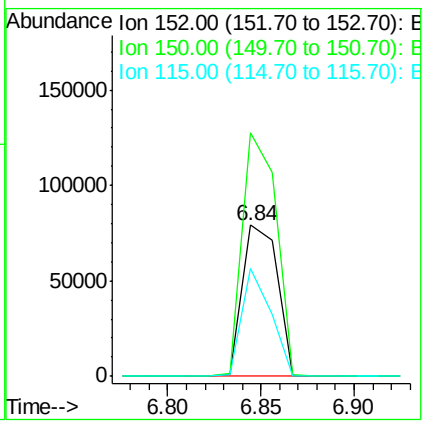


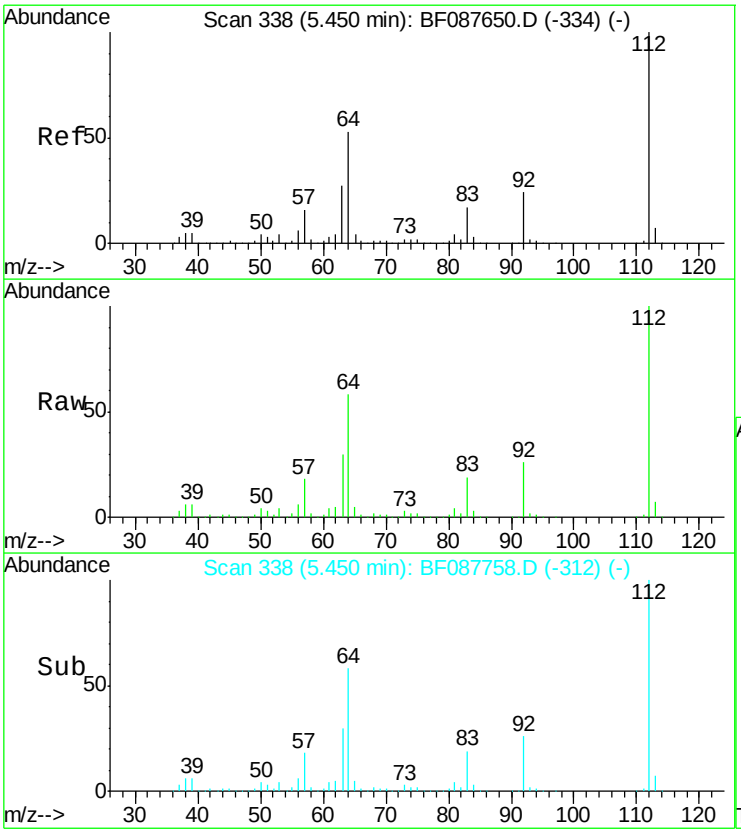
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:152 Resp: 104136

Ion	Ratio	Lower	Upper
152	100		
150	161.2	123.8	185.6
115	71.3	39.6	59.4#

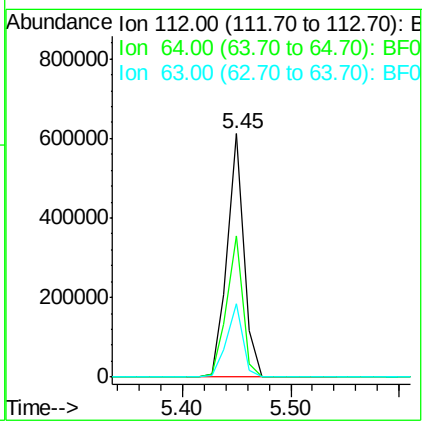


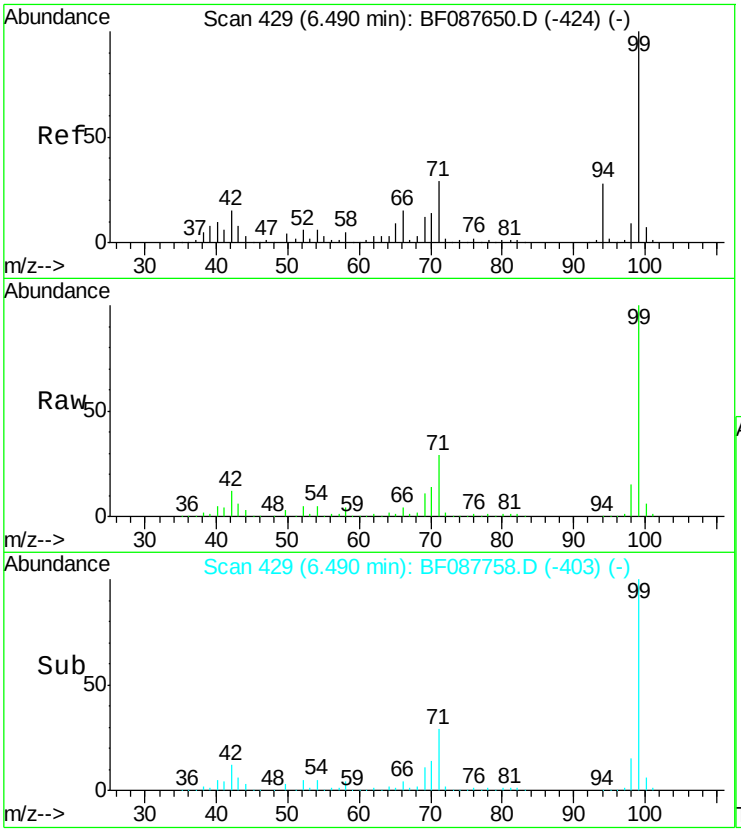


#5
2-Fluorophenol
Concen: 100.84 ng
RT: 5.45 min Scan# 338
Delta R.T. 0.00 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Tgt Ion:112 Resp: 649684

Ion	Ratio	Lower	Upper
112	100		
64	58.2	42.2	63.2
63	30.3	21.8	32.8



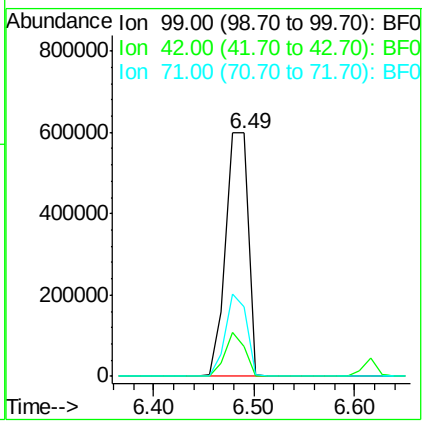


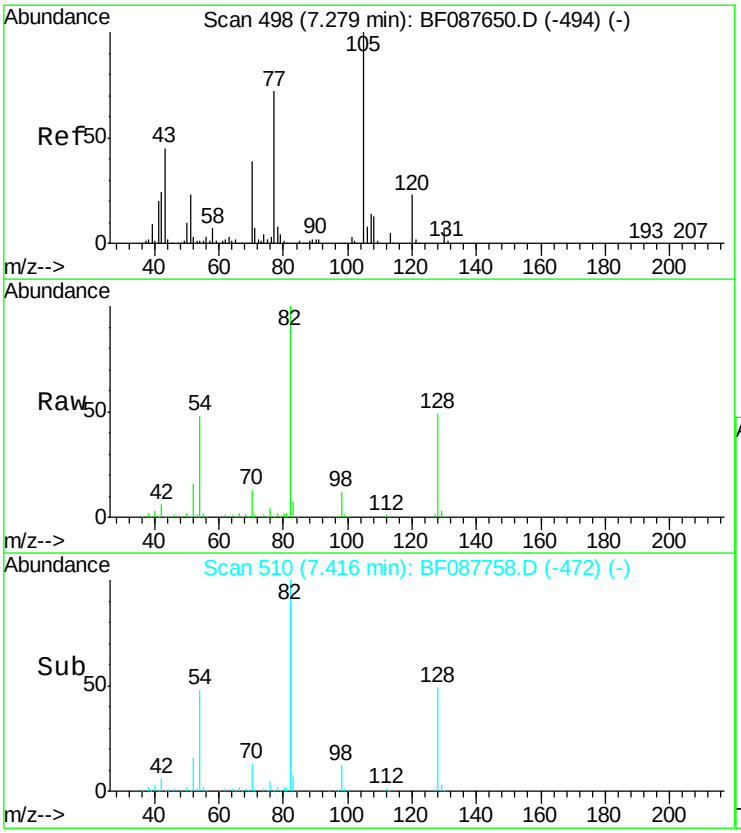
#7
Phenol-d6
Concen: 116.12 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion: 99 Resp: 938274

Ion	Ratio	Lower	Upper
99	100		
42	12.3	12.2	18.2
71	28.7	23.4	35.0

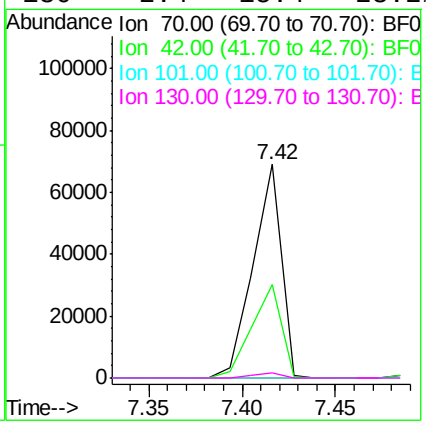


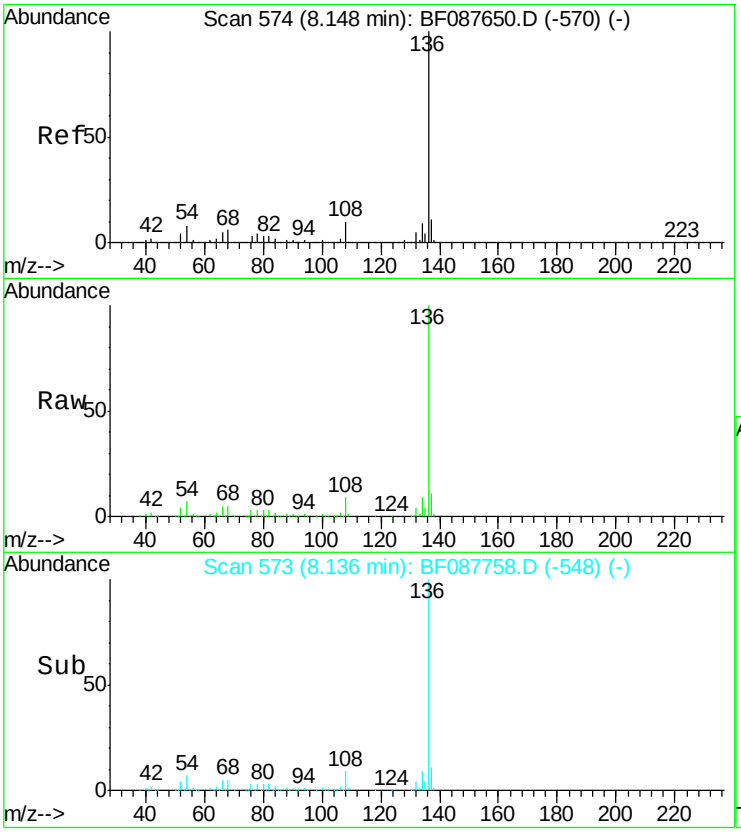


#19
n-Nitroso-di-n-propylamine
Concen: 14.27 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.14 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Tgt Ion: 70 Resp: 71995

Ion	Ratio	Lower	Upper
70	100		
42	43.9	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#



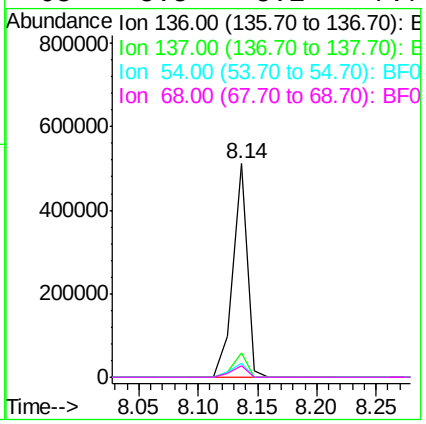


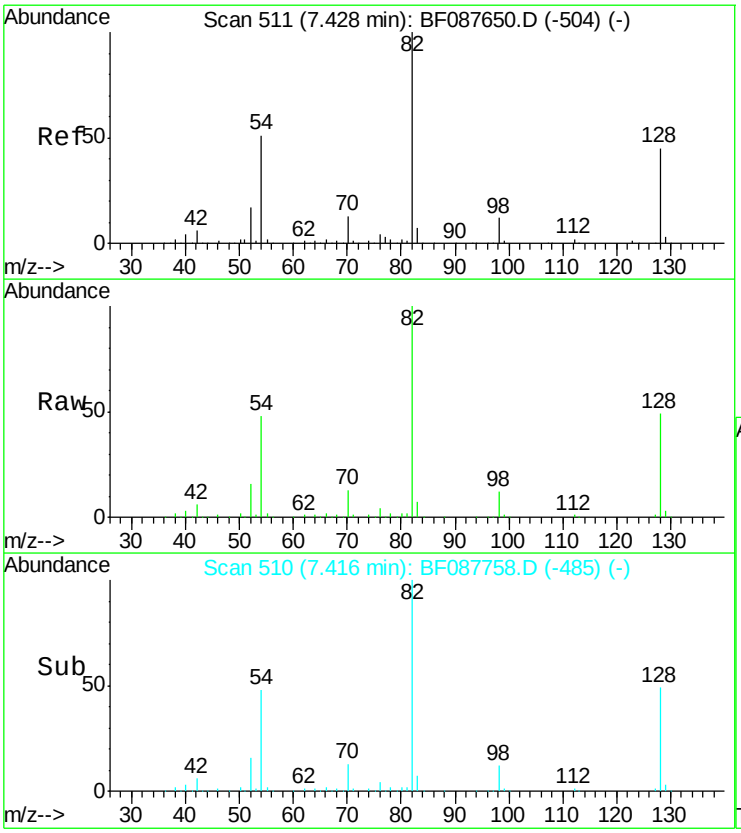
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:136 Resp: 432247

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.7	6.6	10.0
68	5.5	5.1	7.7

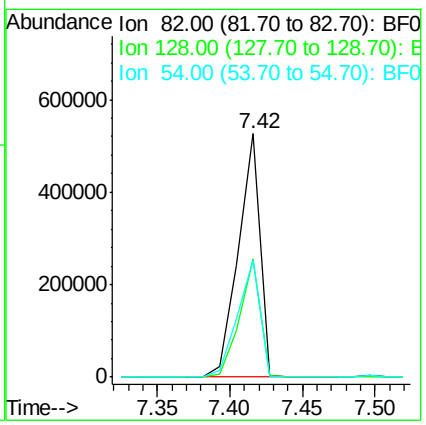


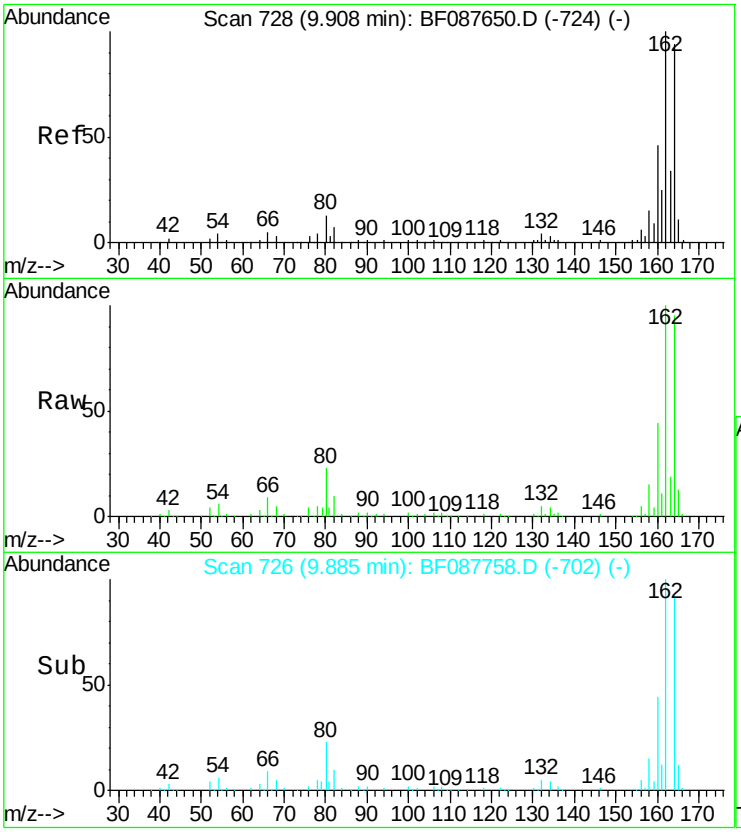


#23
Nitrobenzene-d5
Concen: 73.29 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Tgt Ion: 82 Resp: 547539

Ion	Ratio	Lower	Upper
82	100		
128	48.8	35.9	53.9
54	48.1	40.9	61.3



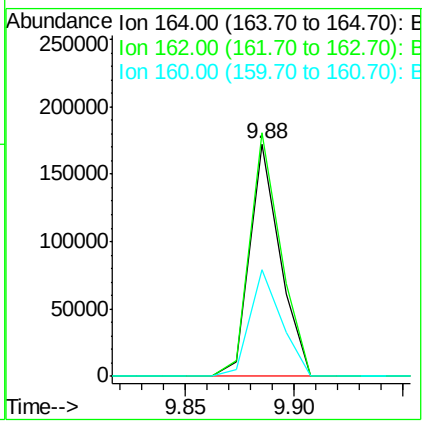


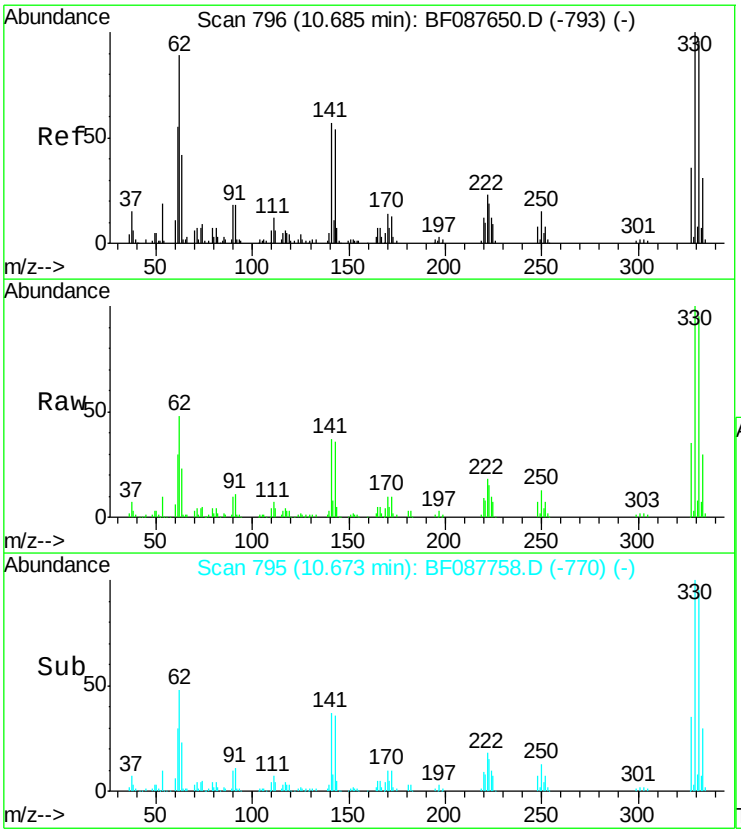
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:164 Resp: 167246

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.4	128.2
160	45.9	39.5	59.3

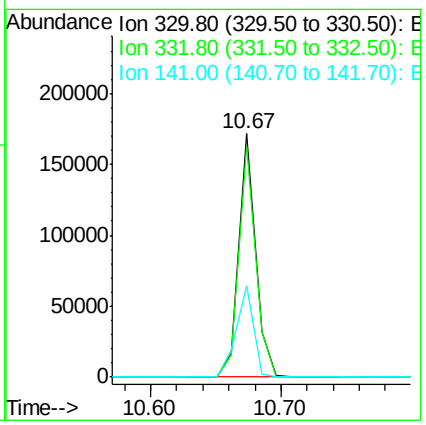


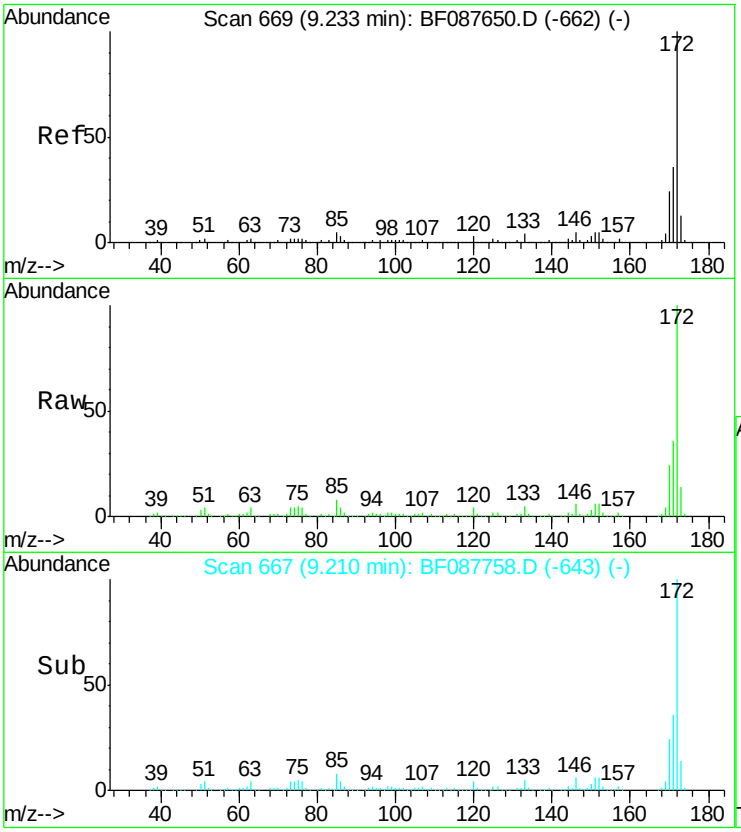


#41
2,4,6-Tribromophenol
Concen: 90.96 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Tgt Ion:330 Resp: 152703

Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	38.5	0.0	0.0#



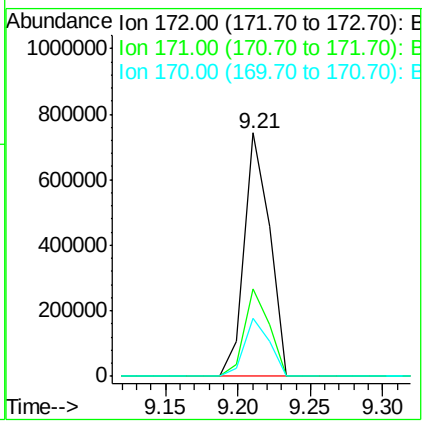


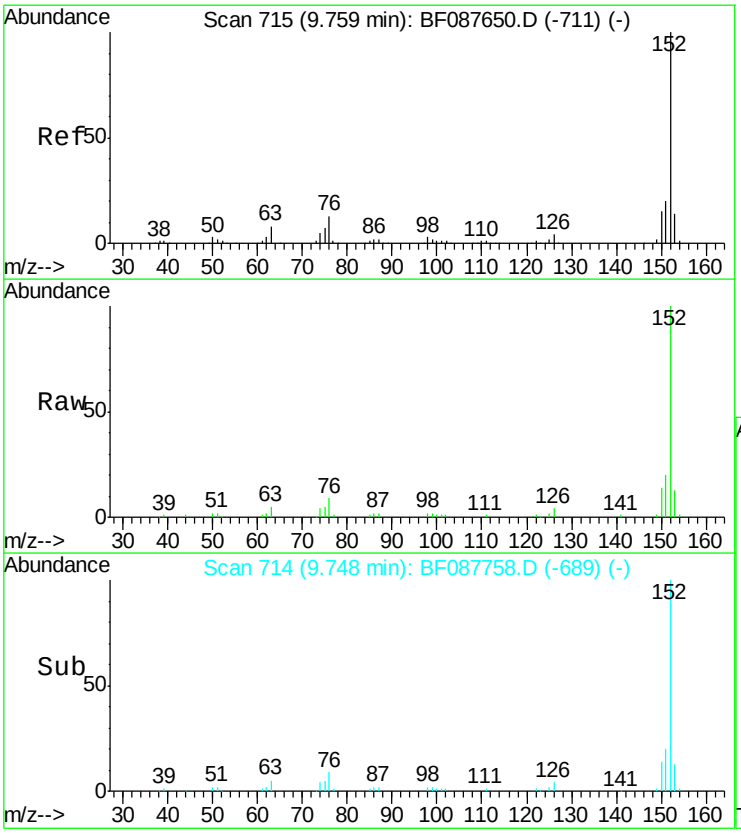
#44
2-Fluorobiphenyl
Concen: 81.31 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:172 Resp: 898504

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.9	19.2	28.8

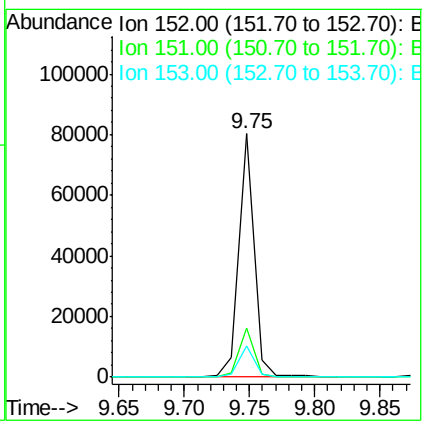


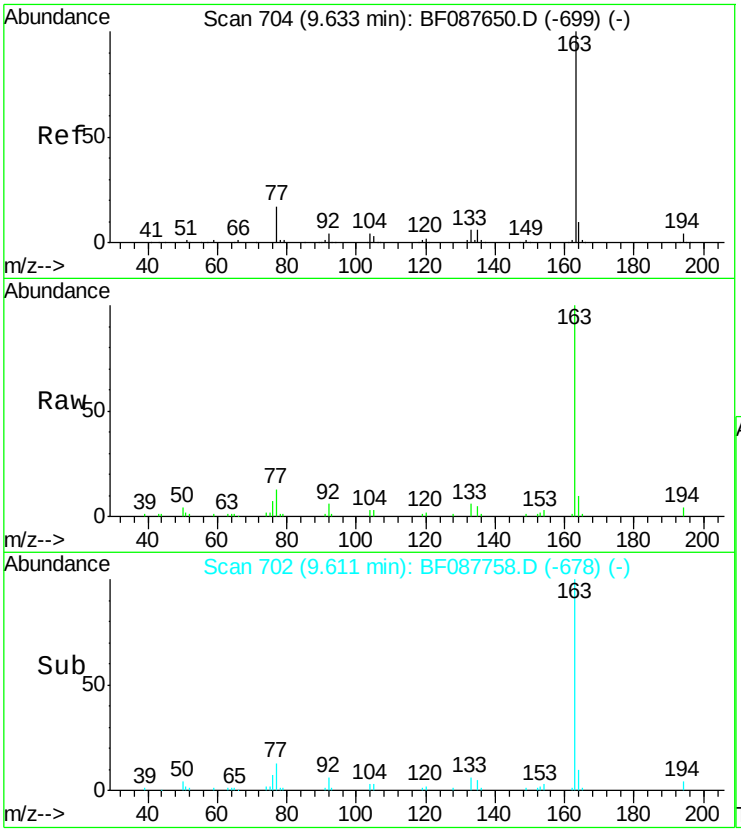


#48
Acenaphthylene
Concen: 3.84 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Tgt Ion:152 Resp: 64666

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	12.8	11.0	16.6



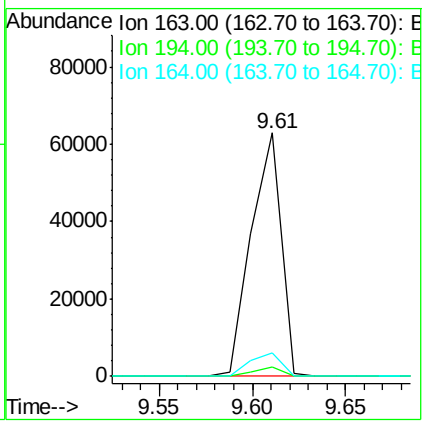


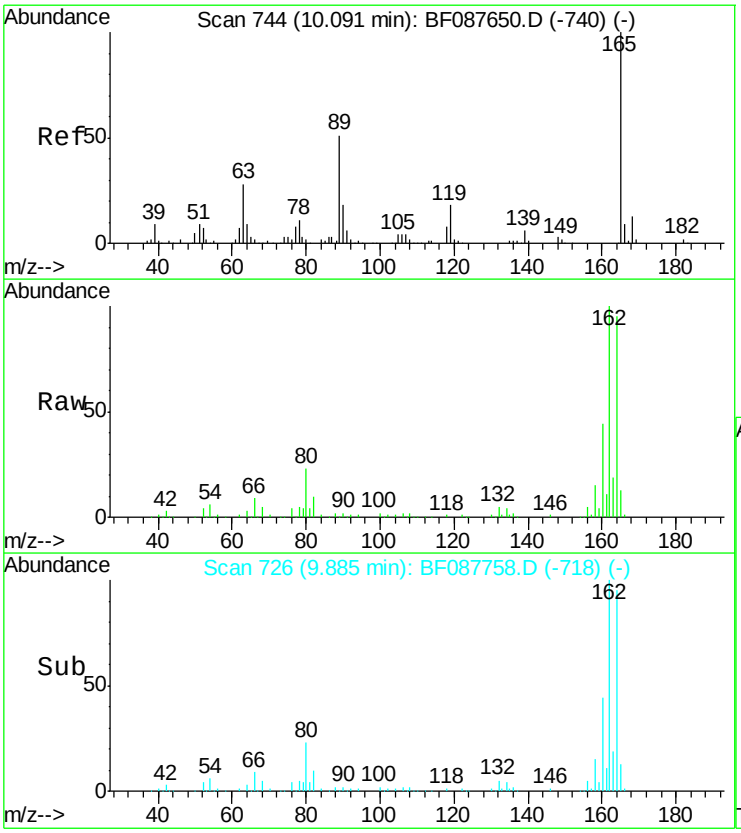
#49
Dimethylphthalate
Concen: 5.71 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:163 Resp: 69459

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.5	8.3	12.5

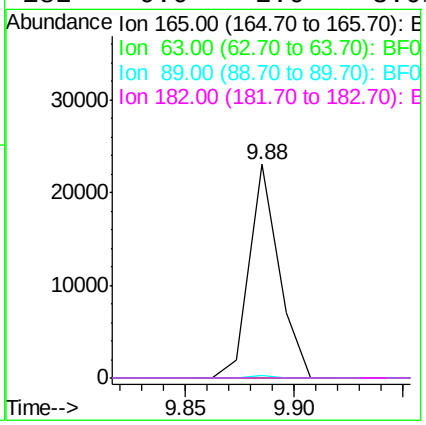


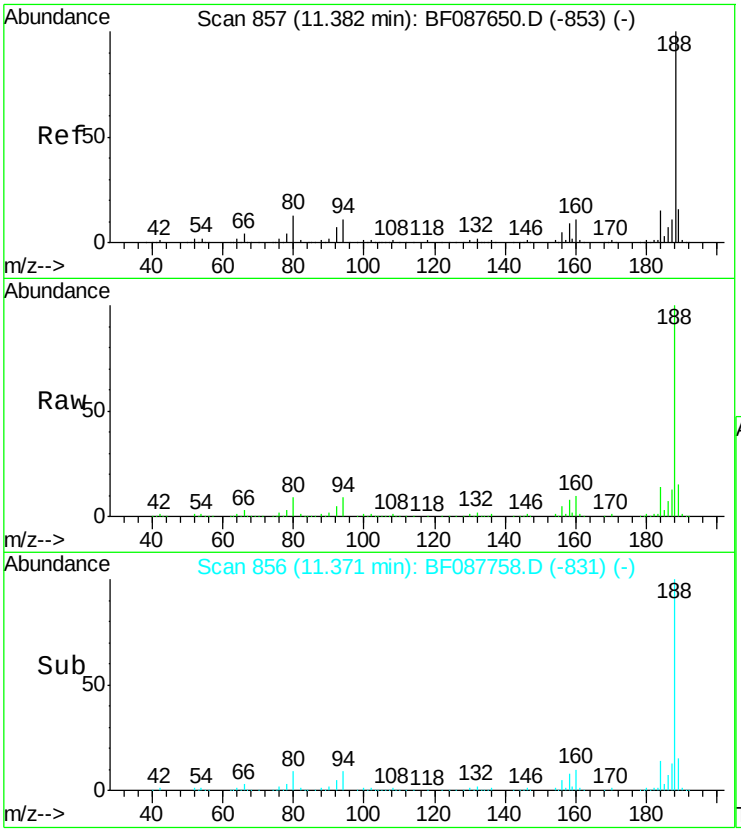


#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.21 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Tgt Ion:165 Resp: 21902

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



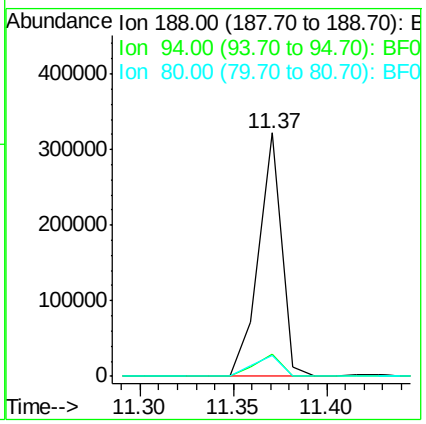


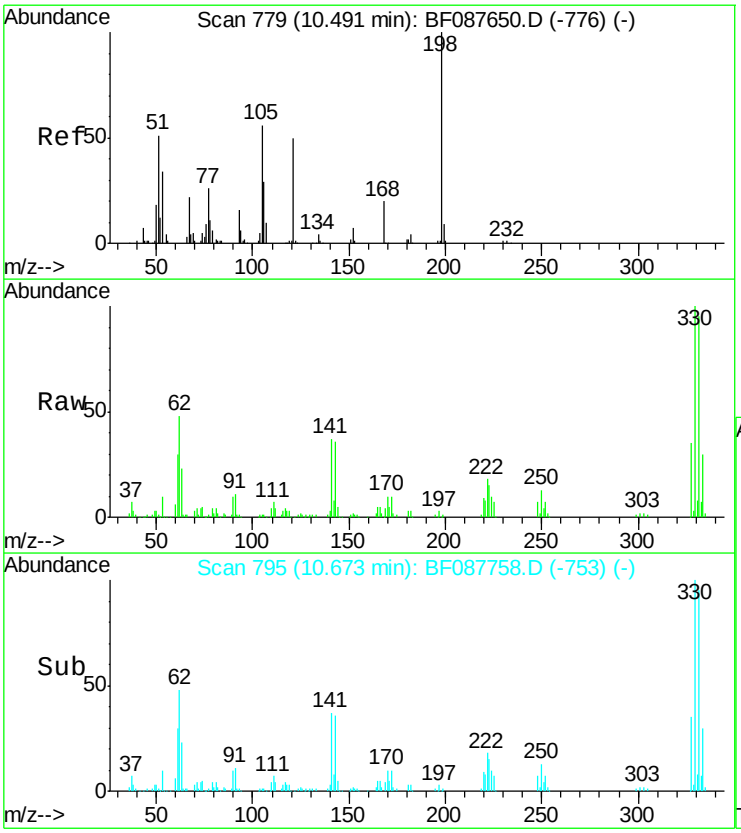
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:188 Resp: 279471

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

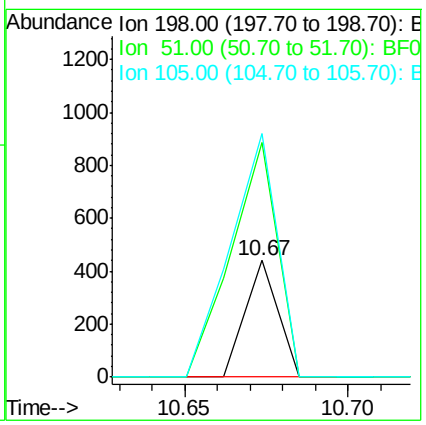


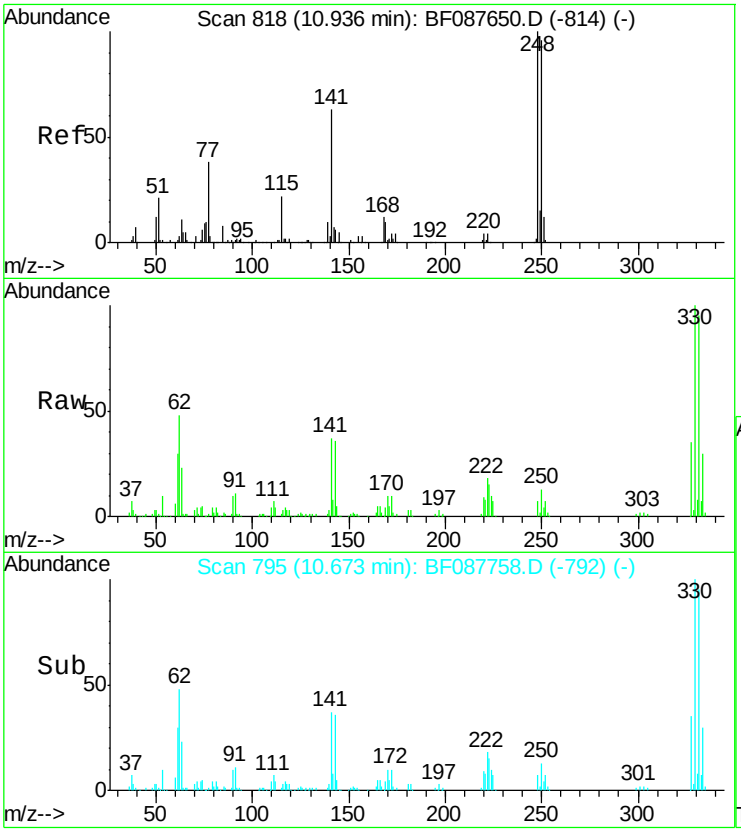


#64
4,6-Dinitro-2-methylphenol
Concen: 2.20 ng
RT: 10.67 min Scan# 795
Delta R.T. 0.18 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Tgt Ion:198 Resp: 302

Ion	Ratio	Lower	Upper
198	100		
51	201.1	39.6	79.6#
105	209.1	36.6	76.6#



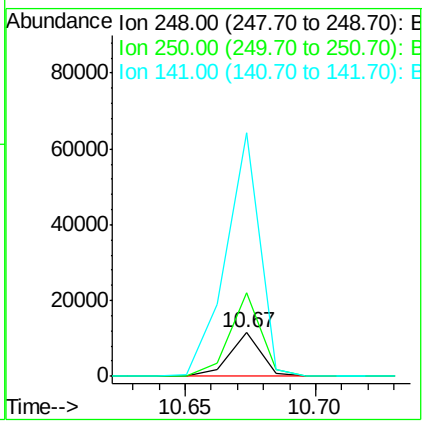


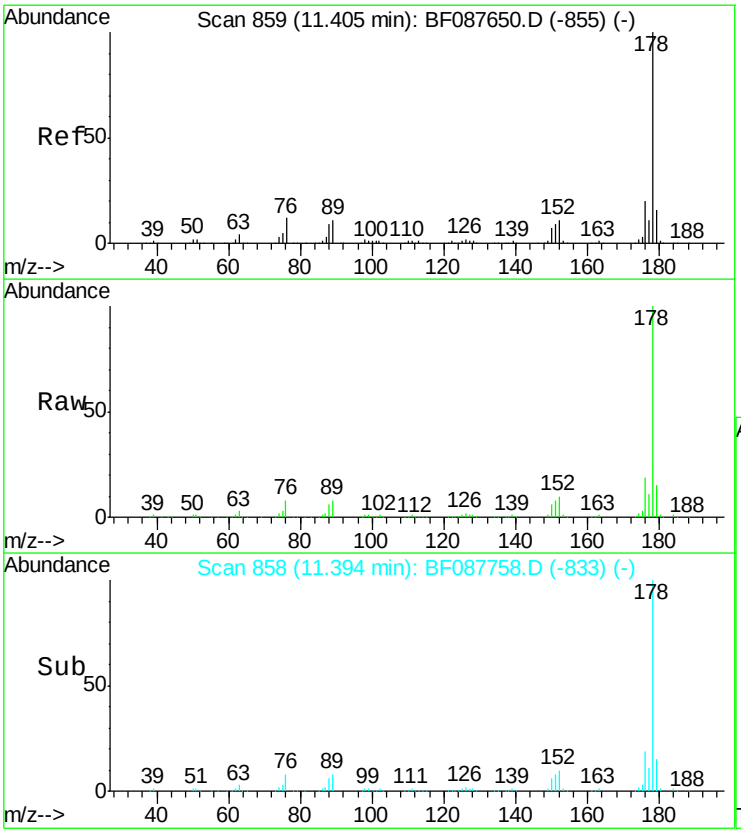
#66
4-Bromophenyl-phenylether
Concen: 3.52 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.26 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:248 Resp: 9753

Ion	Ratio	Lower	Upper
248	100		
250	191.8	77.1	115.7#
141	555.4	50.6	76.0#

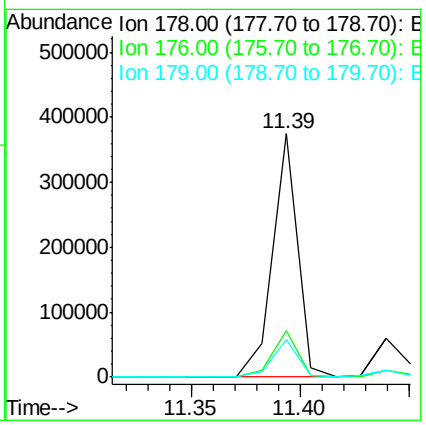


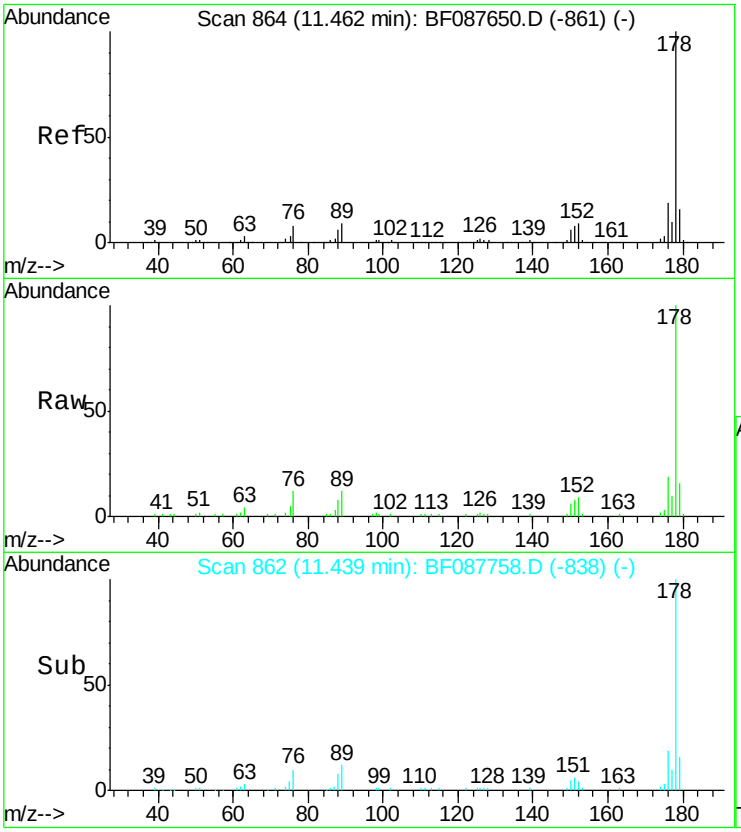


#70
Phenanthrene
Concen: 20.06 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Tgt Ion:178 Resp: 303985

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.3	13.0	19.4



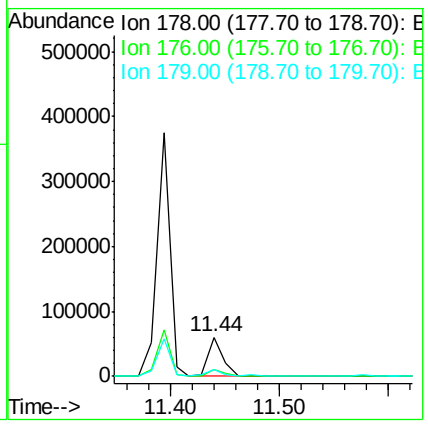


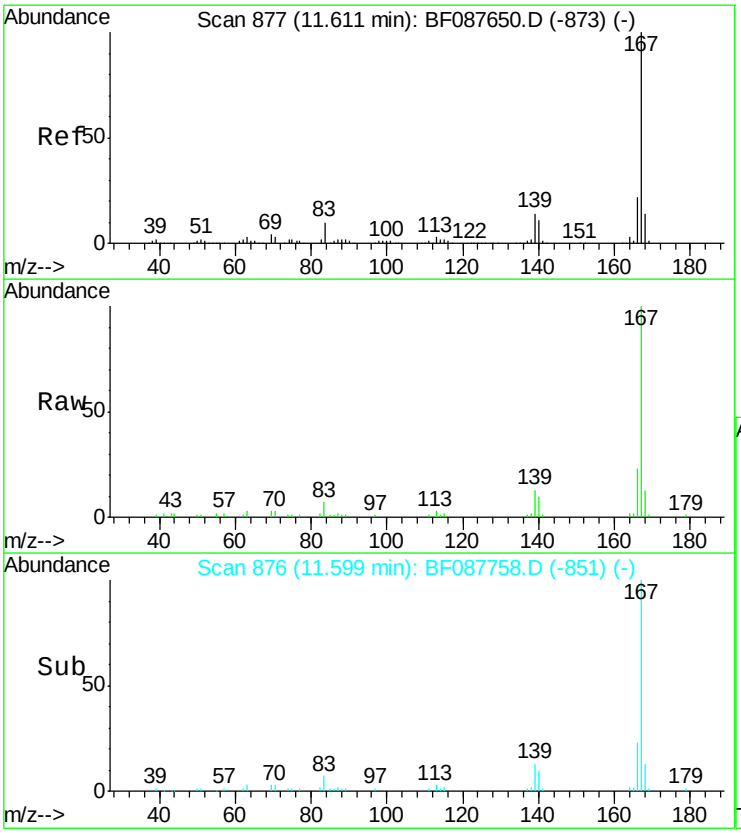
#71
Anthracene
Concen: 4.04 ng
RT: 11.44 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:178 Resp: 61363

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.6	23.4
179	15.9	12.8	19.2

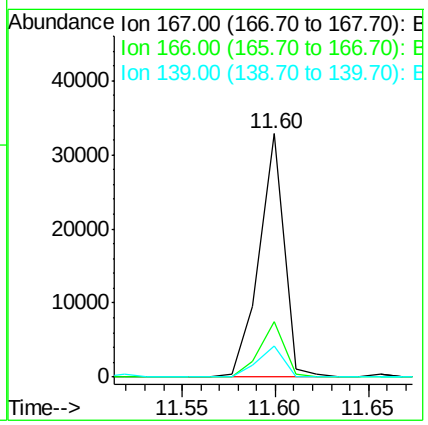


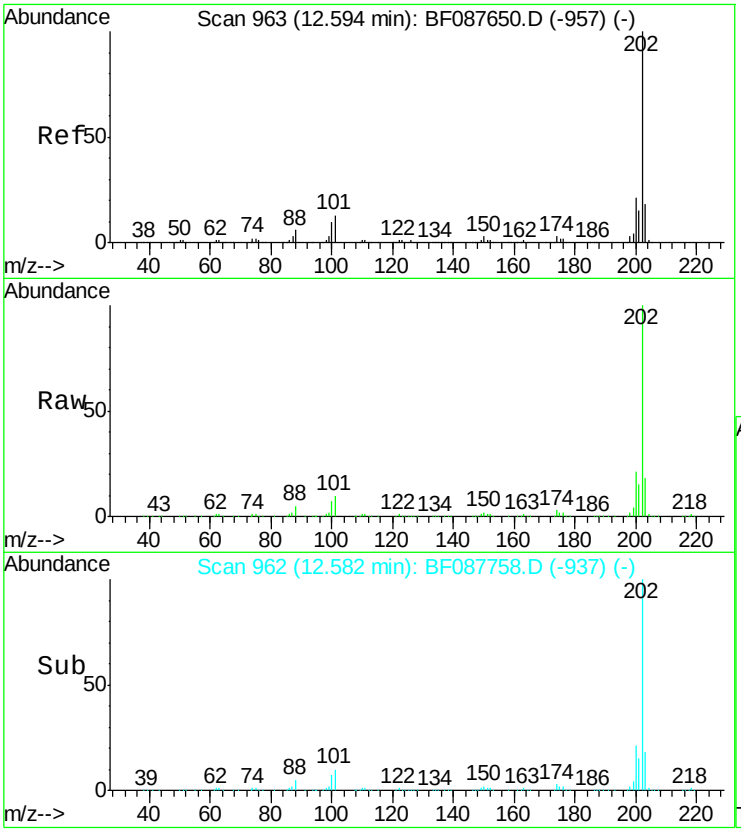


#72
Carbazole
Concen: 2.11 ng
RT: 11.60 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Tgt Ion:167 Resp: 30305

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.8	26.6
139	12.9	11.2	16.8



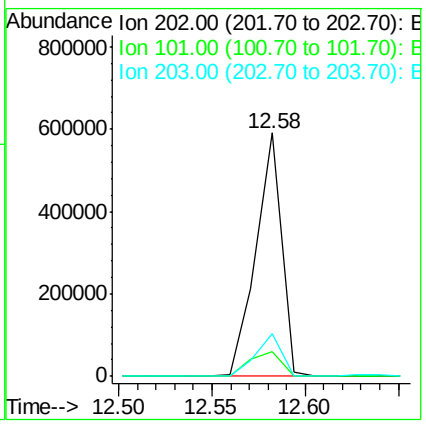


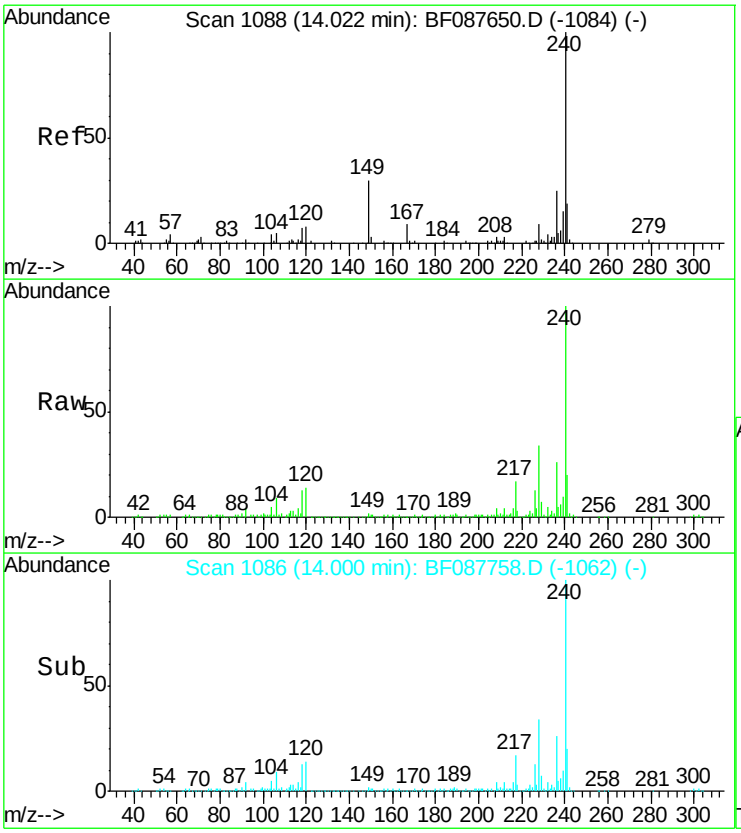
#74
Fluoranthene
Concen: 37.67 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:202 Resp: 561666

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	33.1
203	17.8	0.0	38.1

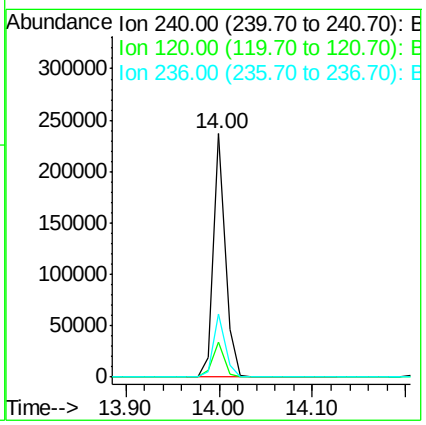


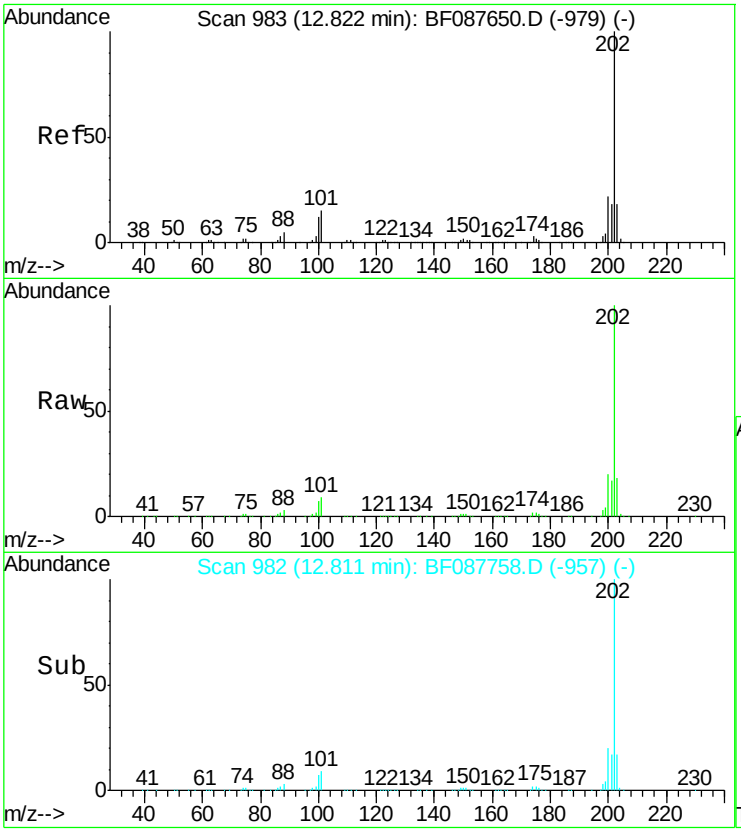


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Tgt Ion:240 Resp: 210791

Ion	Ratio	Lower	Upper
240	100		
120	14.1	6.8	10.2#
236	25.9	20.2	30.2



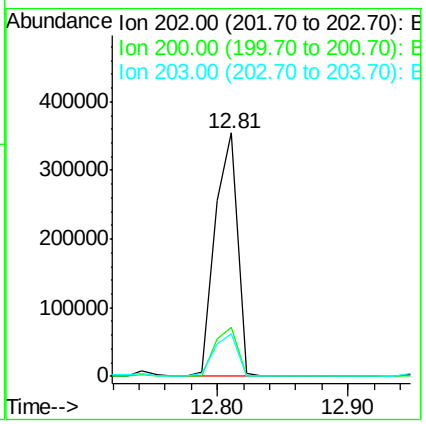


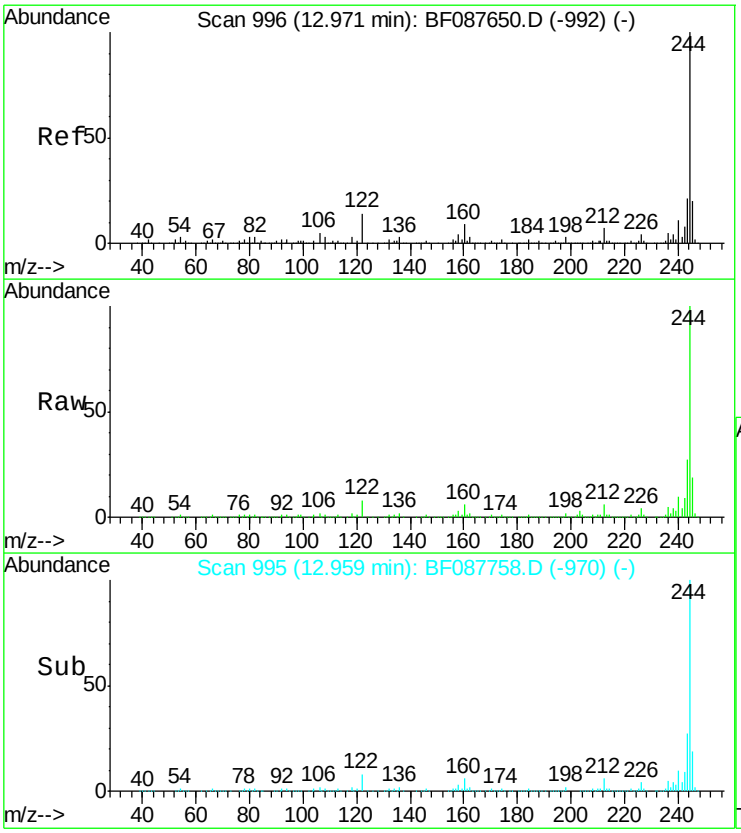
#77
Pyrene
Concen: 28.49 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:202 Resp: 427683

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	17.5	14.5	21.7

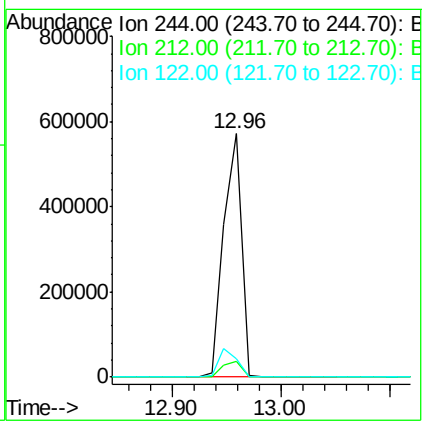


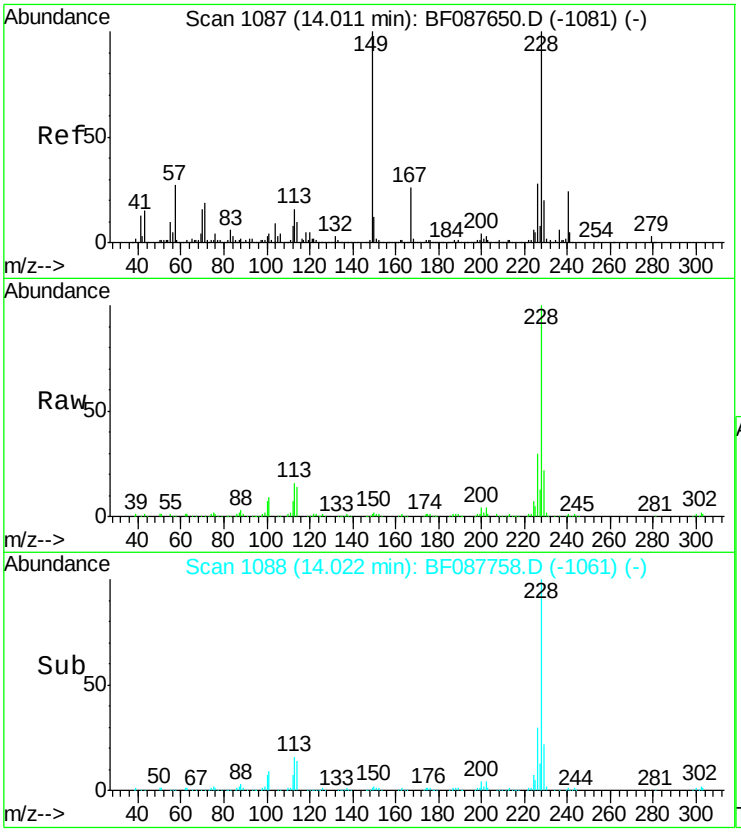


#78
Terphenyl-d14
Concen: 75.38 ng
RT: 12.96 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Tgt Ion:244 Resp: 651201

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	7.7	11.2	16.8#



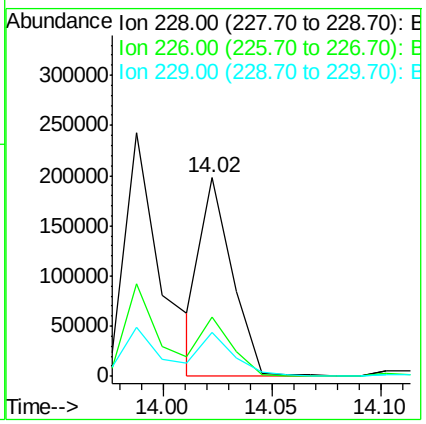


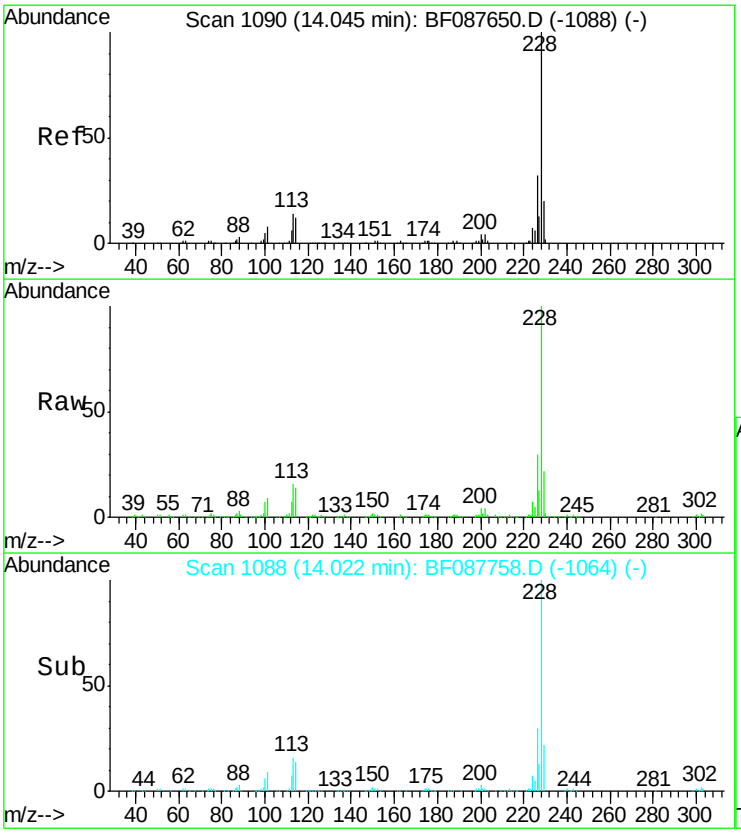
#80
Benzo(a)anthracene
Concen: 16.17 ng
RT: 14.02 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:228 Resp: 196698

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.3	33.5
229	22.2	16.0	24.0

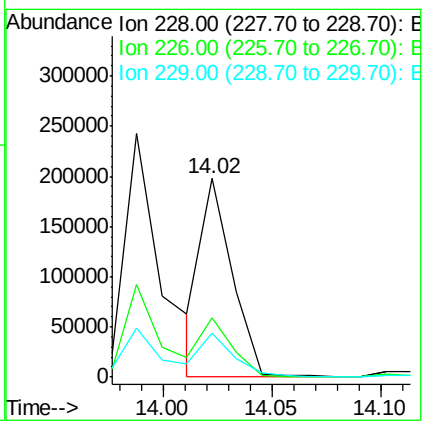


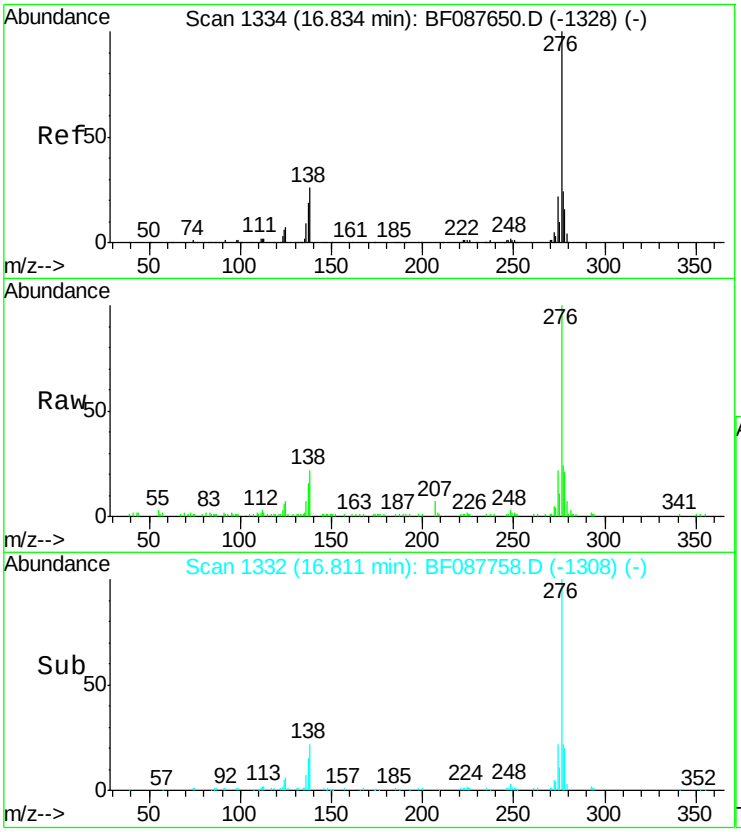


#82
Chrysene
Concen: 16.24 ng
RT: 14.02 min Scan# 1088
Delta R.T. -0.02 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Tgt Ion:228 Resp: 196698

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.2
229	22.2	16.3	24.5



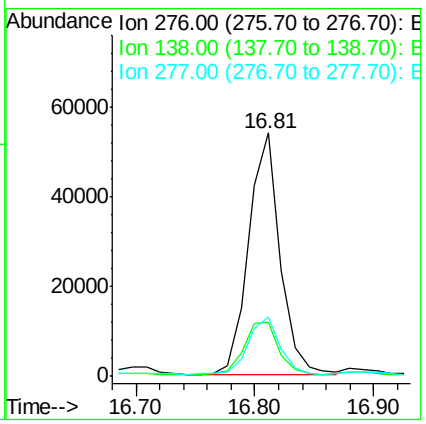


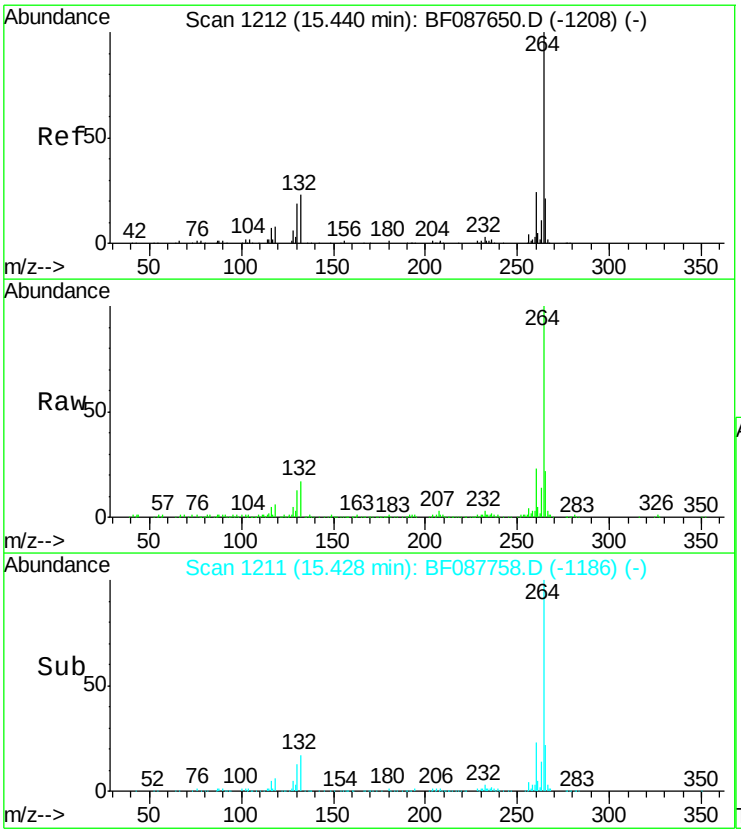
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.94 ng
RT: 16.81 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:276 Resp: 99488

Ion	Ratio	Lower	Upper
276	100		
138	25.0	0.0	0.0#
277	23.9	0.0	0.0#

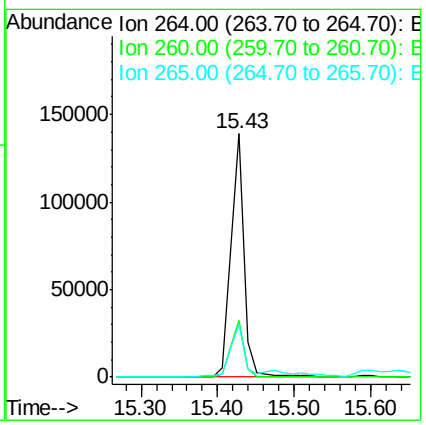


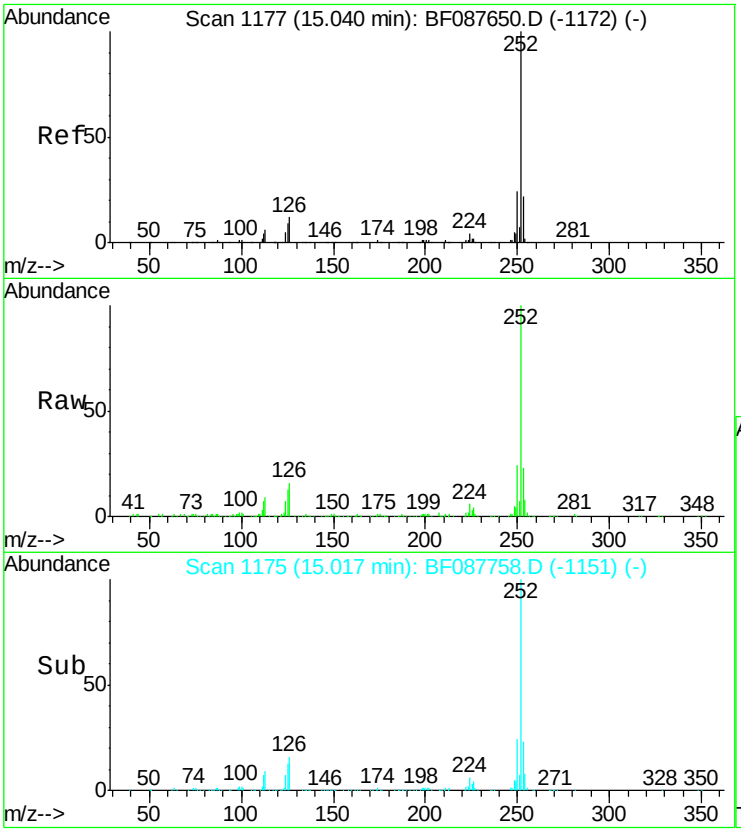


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Tgt Ion:264 Resp: 172394

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	16.9	25.3



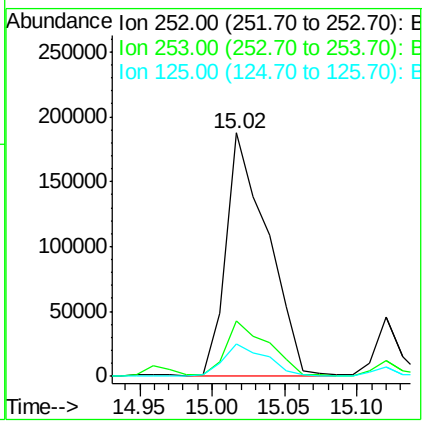


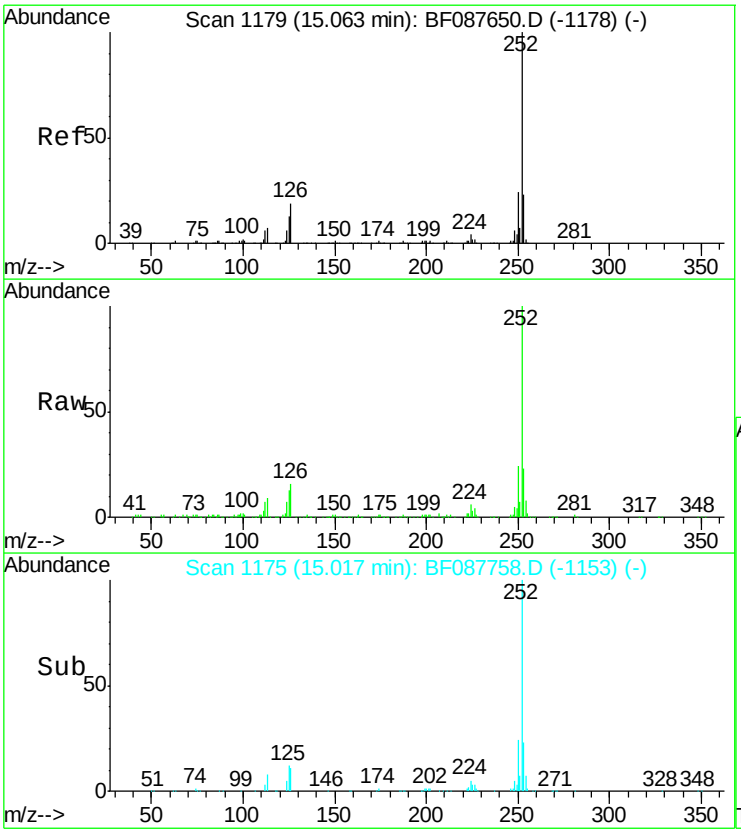
#87
Benzo(b)fluoranthene
Concen: 33.17 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:252 Resp: 371925

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	13.4	7.1	10.7#

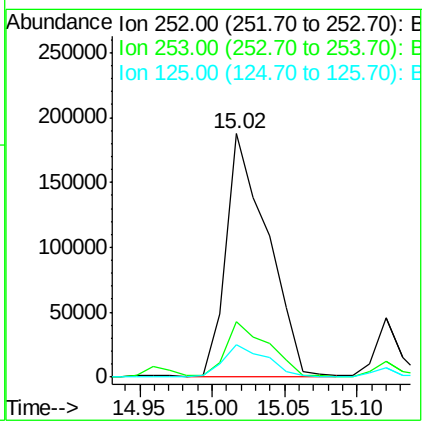


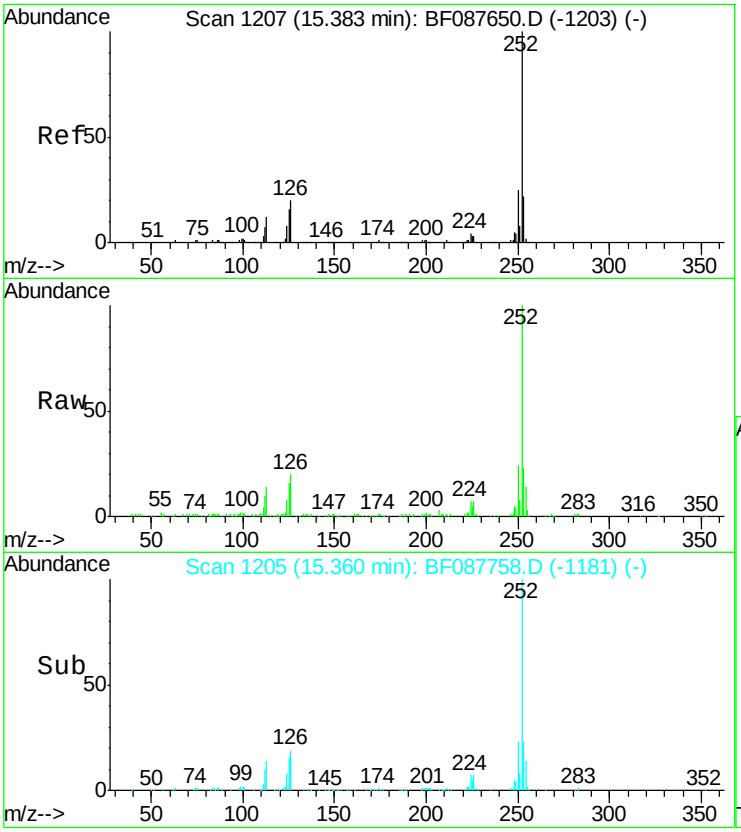


#88
Benzo(k)fluoranthene
Concen: 39.86 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.05 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Tgt Ion:252 Resp: 371925

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	13.4	11.2	16.8



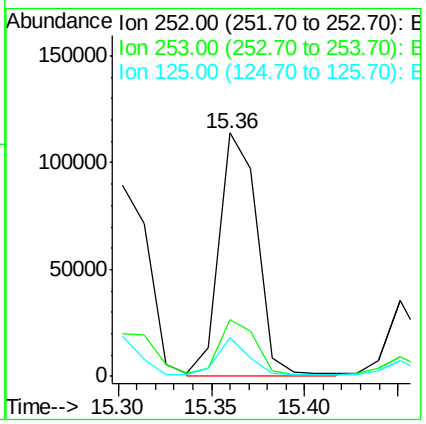


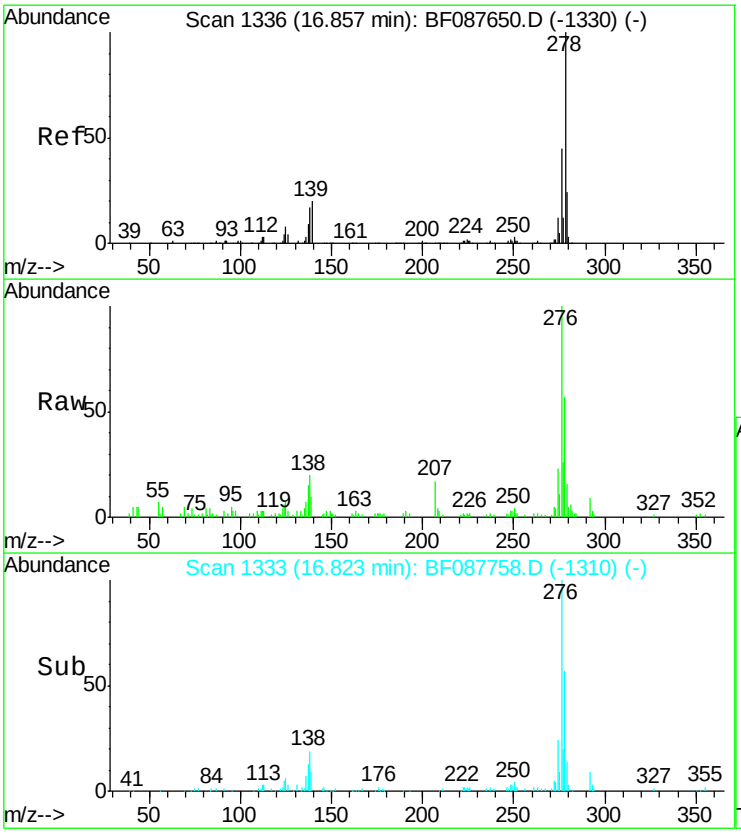
#89
Benzo(a)pyrene
Concen: 17.06 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:252 Resp: 160816

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	16.0	12.5	18.7

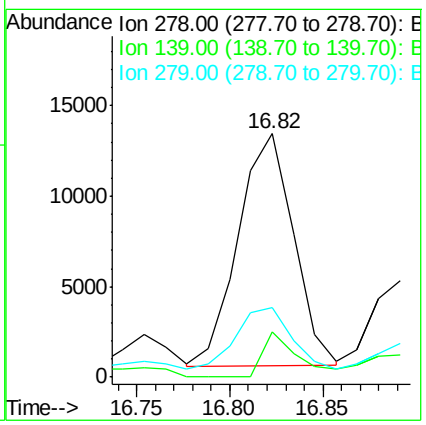


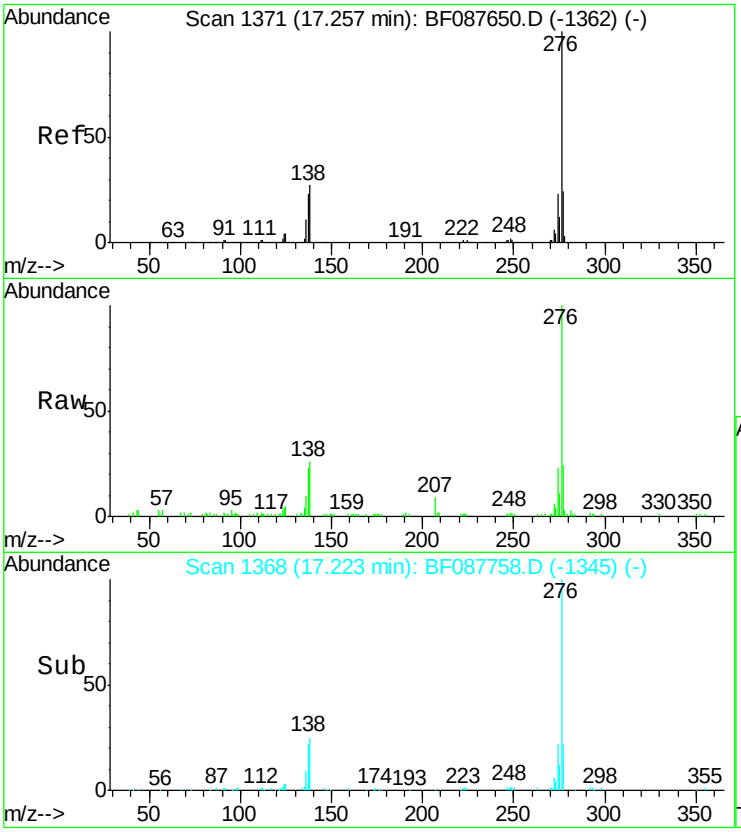


#90
Dibenzo(a,h)anthracene
Concen: 3.31 ng
RT: 16.82 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Tgt Ion:278 Resp: 26517

Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.7	23.5
279	28.6	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 10.60 ng
RT: 17.22 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BF087758.D
Acq: 6 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:276 Resp: 85792

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	25.9	21.4	32.2