Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087751.D
Acq On : 6 Jun 2016 14:43
Operator : UM/SJ
Sample : H3267-10 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-TA-1257(0-4)

Quant Time: Jun 06 16:03:34 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	129855	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	551459	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	217912	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	378542	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	282852	20.00	ng	-0.02
86) Perylene-d12	15.43	264	255181	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	166219	20.69	ng	-0.01
7) Phenol-d6	6.47	99	215682	21.41	ng	-0.02
23) Nitrobenzene-d5	7.40	82	110713	11.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	39164	17.90	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	282319	15.94	ng	-0.02
78) Terphenyl-d14	12.95	244	176617	15.24	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	14289	2.27	ng	# 78
50) 2,6-Dinitrotoluene	9.88	165	27942	7.75	ng	# 39
56) 2,4-Dinitrotoluene	9.88	165	27945	6.09	ng	# 38
70) Phenanthrene	11.39	178	161933	7.89	ng	98
71) Anthracene	11.44	178	44793	2.18	ng	98
74) Fluoranthene	12.58	202	322124	15.95	ng	92
77) Pyrene	12.80	202	280130	13.91	ng	98
80) Benzo(a)anthracene	13.99	228	165868	10.16	ng	96
82) Chrysene	14.02	228	111488	6.86	ng	97
85) Indeno(1,2,3-cd)pyrene	16.80	276	67588	5.03	ng	# 100
87) Benzo(b)fluoranthene	15.02	252	243481	14.67	ng	# 95
88) Benzo(k)fluoranthene	15.02	252	243481	17.63	ng	99
89) Benzo(a)pyrene	15.36	252	118699	8.51	ng	99
91) Benzo(g,h,i)perylene	17.22	276	63984	5.34	ng	97

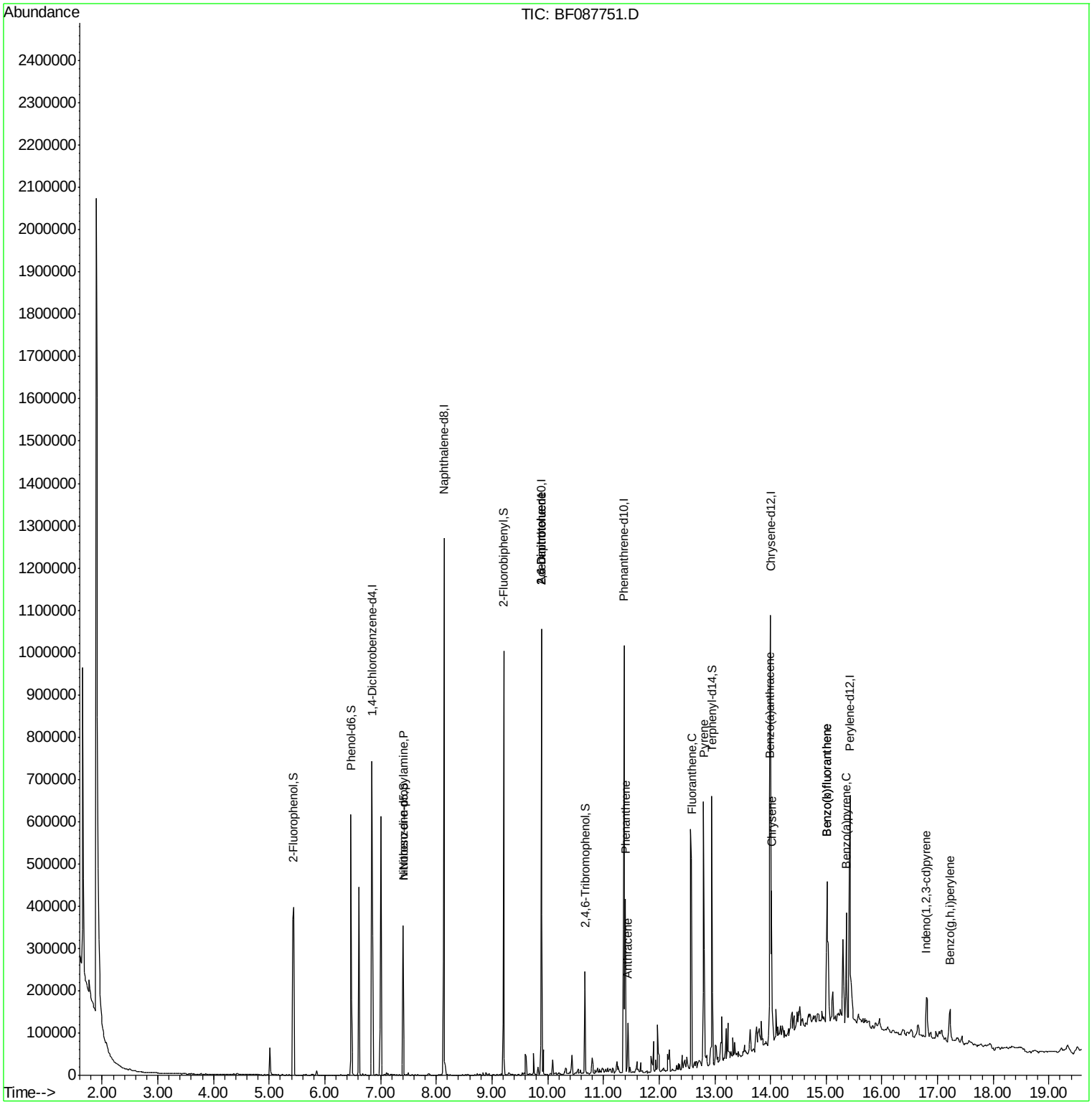
(#) = qualifier out of range (m) = manual integration (+) = signals summed

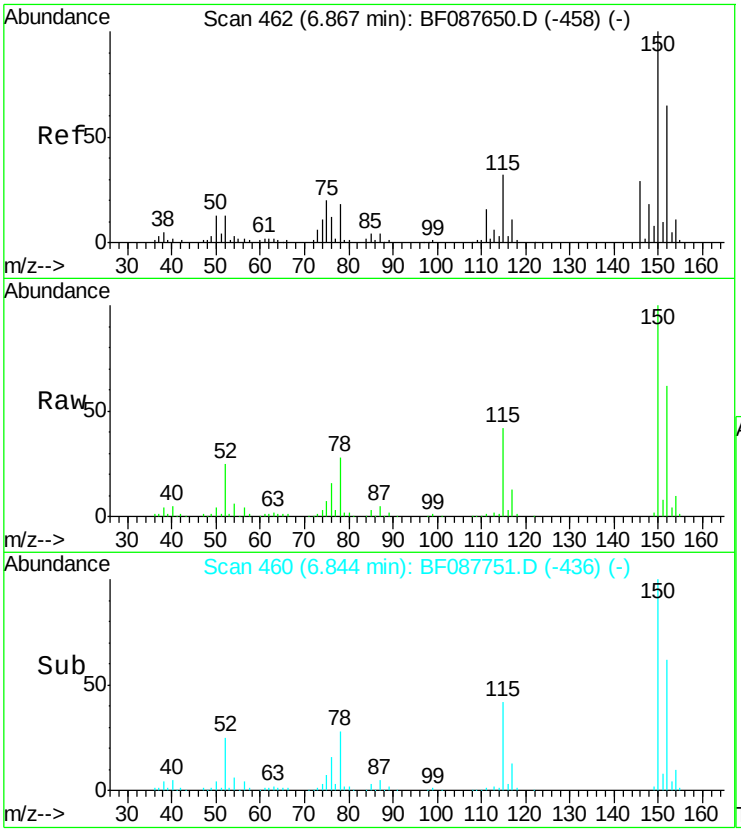
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087751.D
Acq On : 6 Jun 2016 14:43
Operator : UM/SJ
Sample : H3267-10 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-TA-1257(0-4)

Quant Time: Jun 06 16:03:34 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



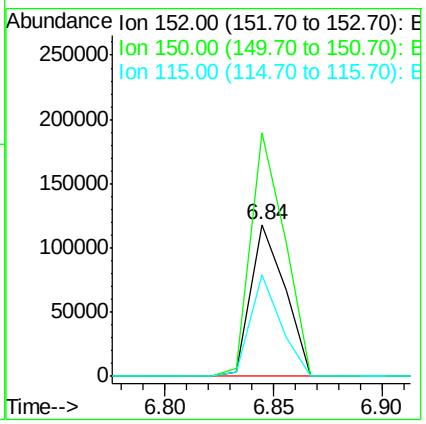


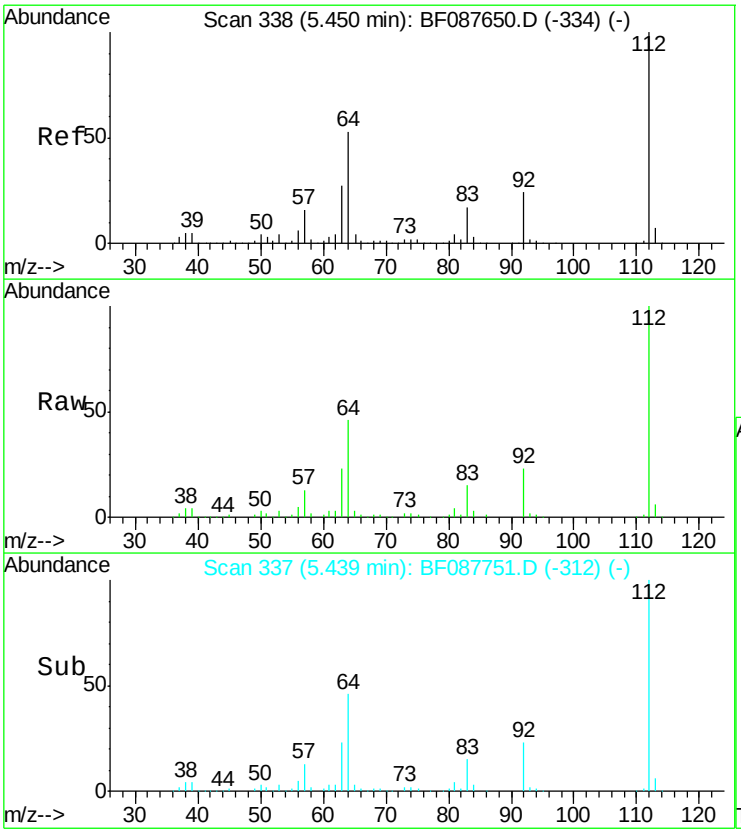
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1257(0-4)

Tgt Ion:152 Resp: 129855

Ion	Ratio	Lower	Upper
152	100		
150	160.4	123.8	185.6
115	67.0	39.6	59.4#

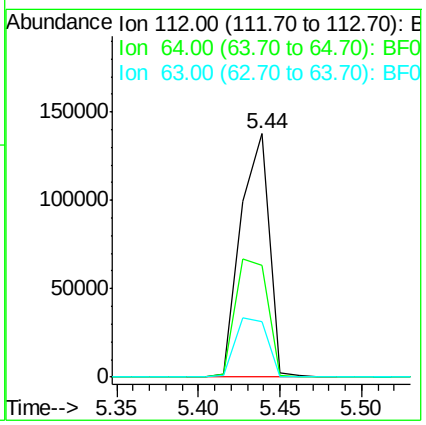


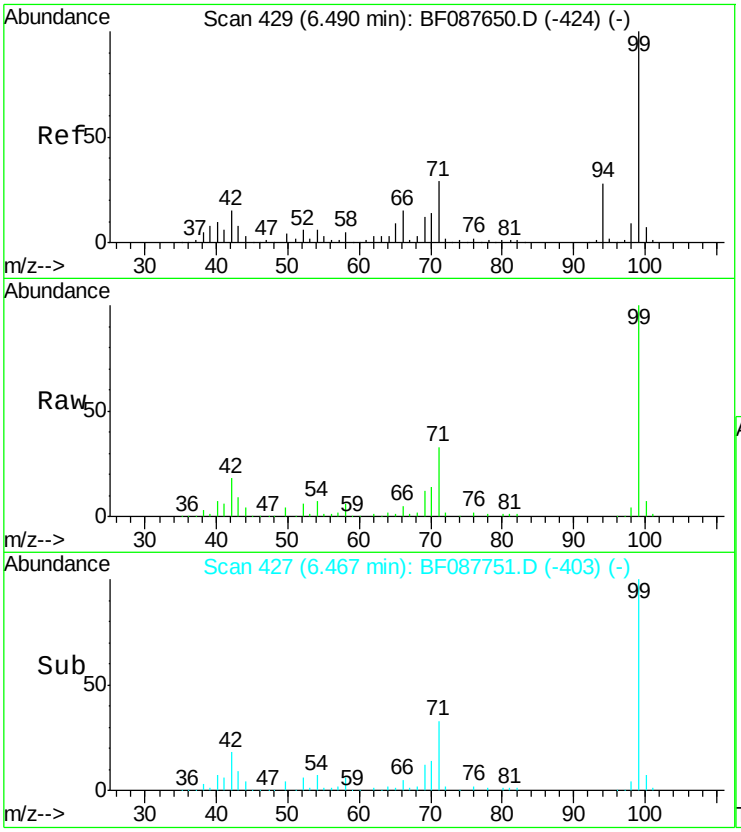


#5
2-Fluorophenol
Concen: 20.69 ng
RT: 5.44 min Scan# 337
Delta R.T. -0.01 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Tgt Ion:112 Resp: 166219

Ion	Ratio	Lower	Upper
112	100		
64	45.9	42.2	63.2
63	22.7	21.8	32.8



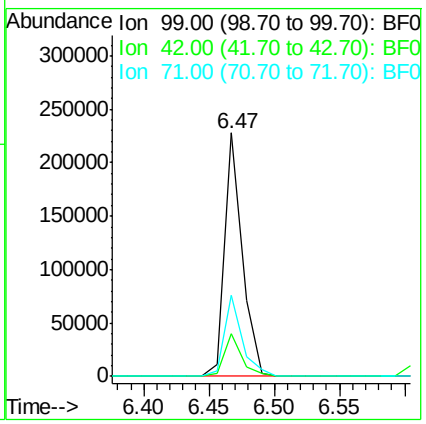


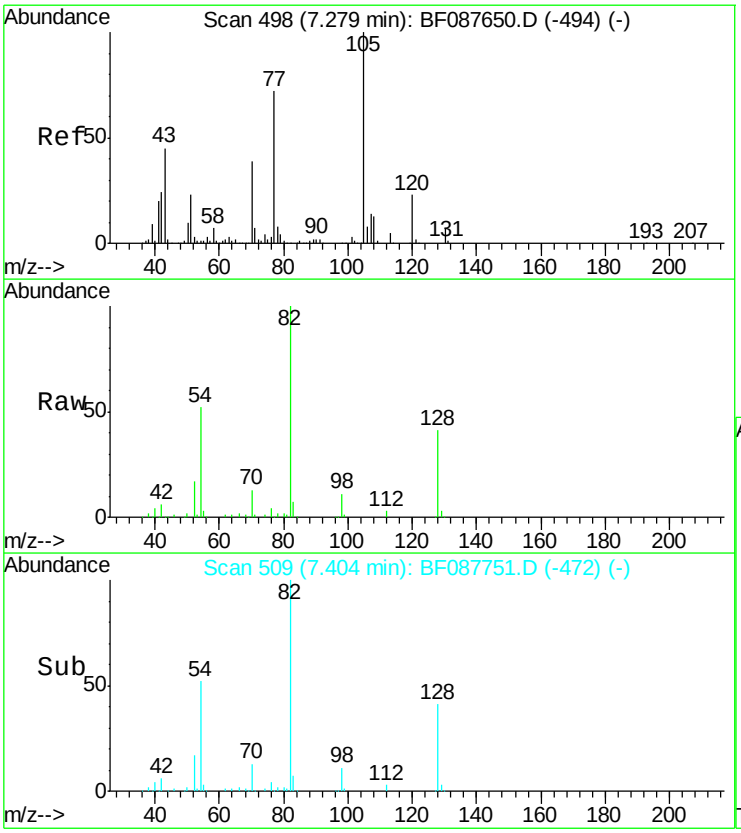
#7
Phenol-d6
Concen: 21.41 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.02 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1257(0-4)

Tgt Ion: 99 Resp: 215682

Ion	Ratio	Lower	Upper
99	100		
42	17.8	12.2	18.2
71	33.2	23.4	35.0

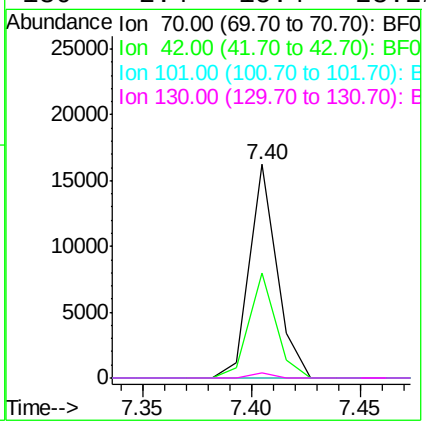


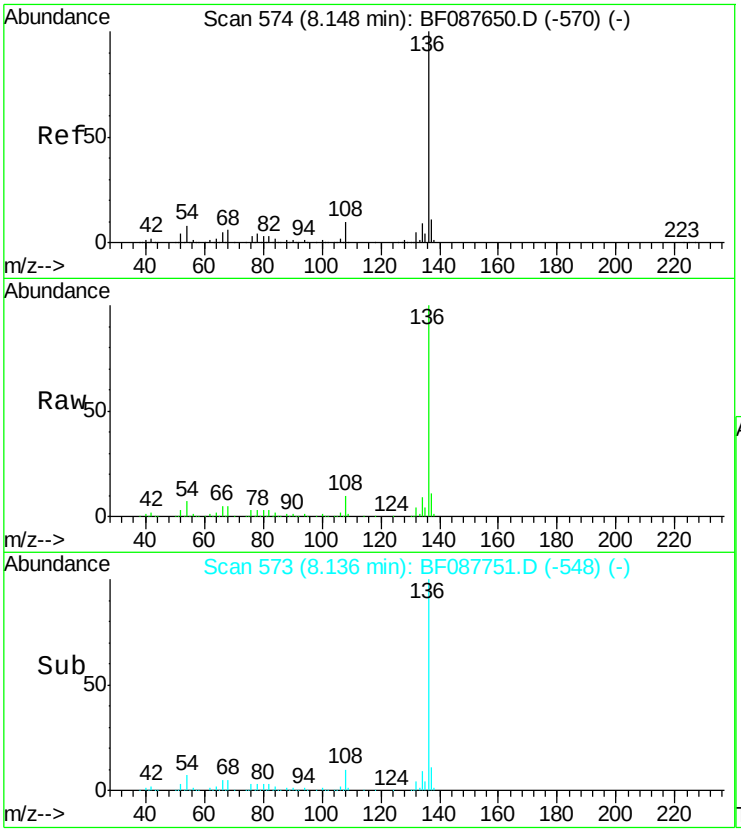


#19
n-Nitroso-di-n-propylamine
Concen: 2.27 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.13 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Tgt Ion: 70 Resp: 14289

Ion	Ratio	Lower	Upper
70	100		
42	49.3	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#



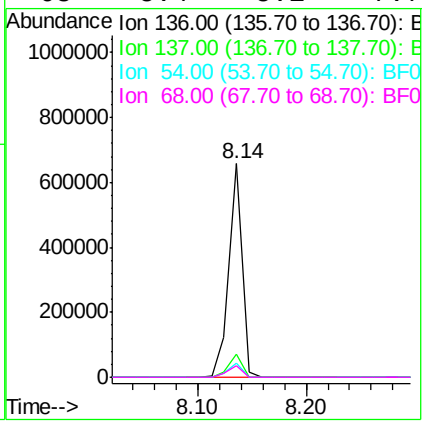


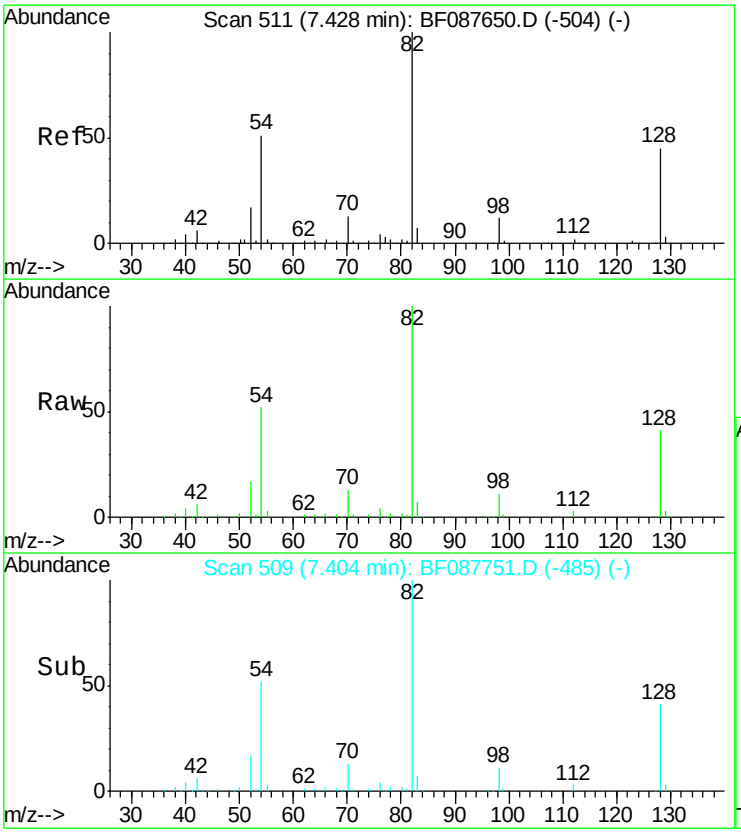
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1257(0-4)

Tgt Ion:136 Resp: 551459

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.7	6.6	10.0
68	5.4	5.1	7.7

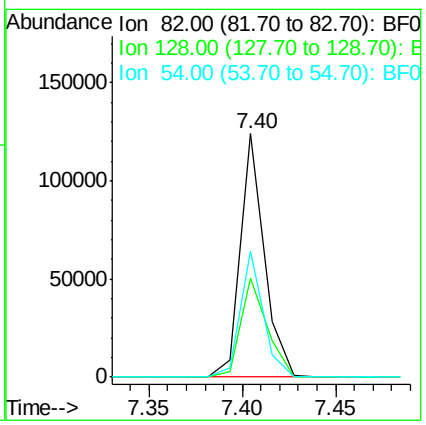


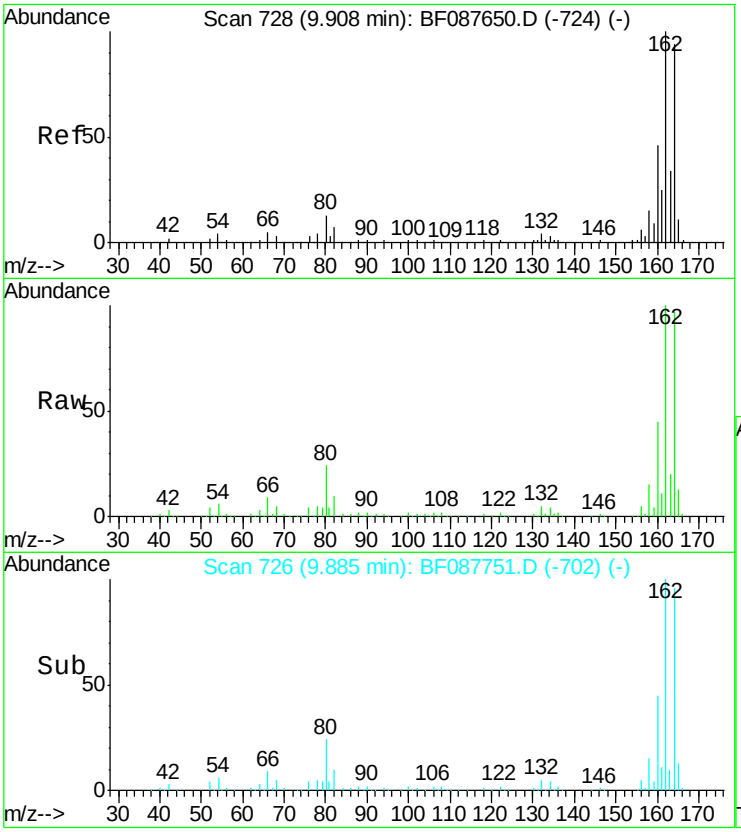


#23
Nitrobenzene-d5
Concen: 11.62 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Tgt Ion: 82 Resp: 110713

Ion	Ratio	Lower	Upper
82	100		
128	40.6	35.9	53.9
54	51.7	40.9	61.3



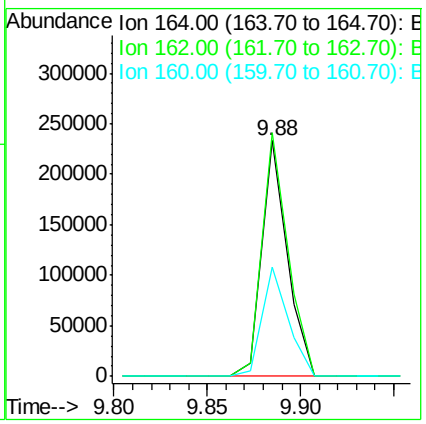


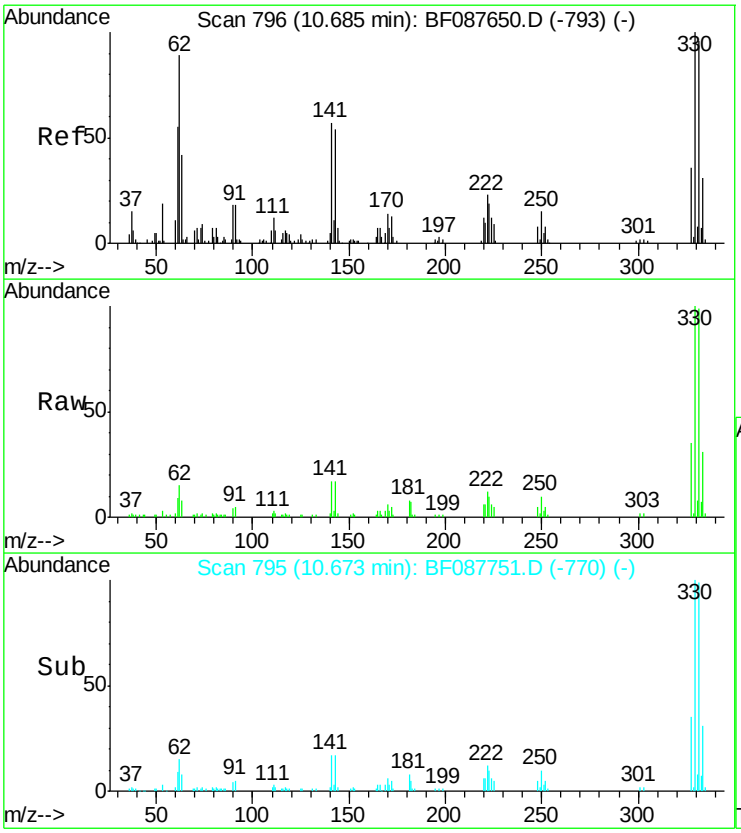
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1257(0-4)

Tgt Ion:164 Resp: 217912

Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.4	128.2
160	46.4	39.5	59.3

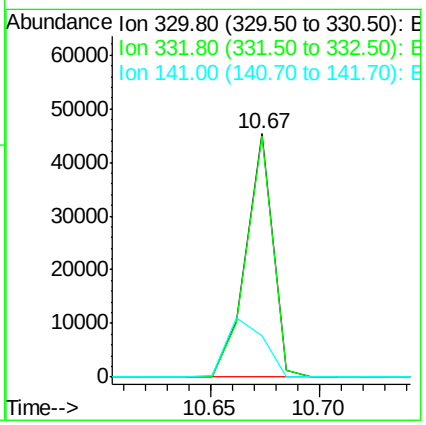


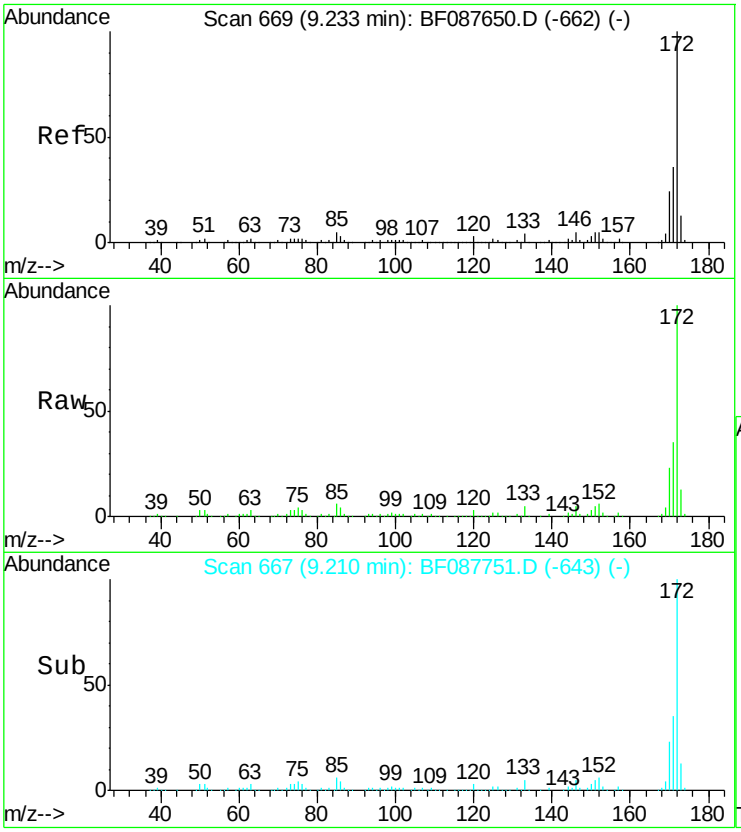


#41
2,4,6-Tribromophenol
Concen: 17.90 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Tgt Ion:330 Resp: 39164

Ion	Ratio	Lower	Upper
330	100		
332	98.4	0.0	0.0#
141	33.6	0.0	0.0#



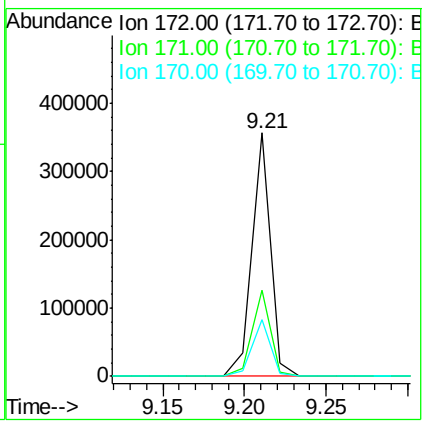


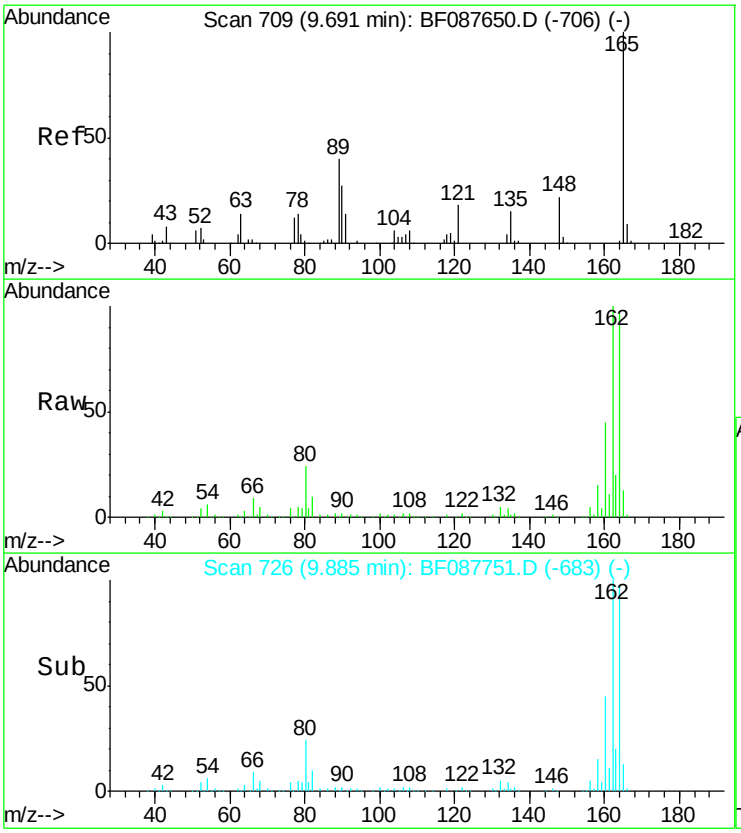
#44
2-Fluorobiphenyl
Concen: 15.94 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1257(0-4)

Tgt Ion:172 Resp: 282319

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.2	19.2	28.8

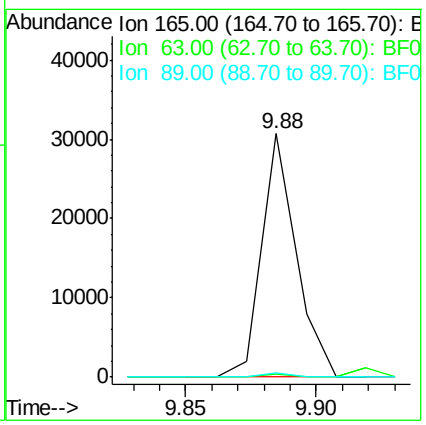


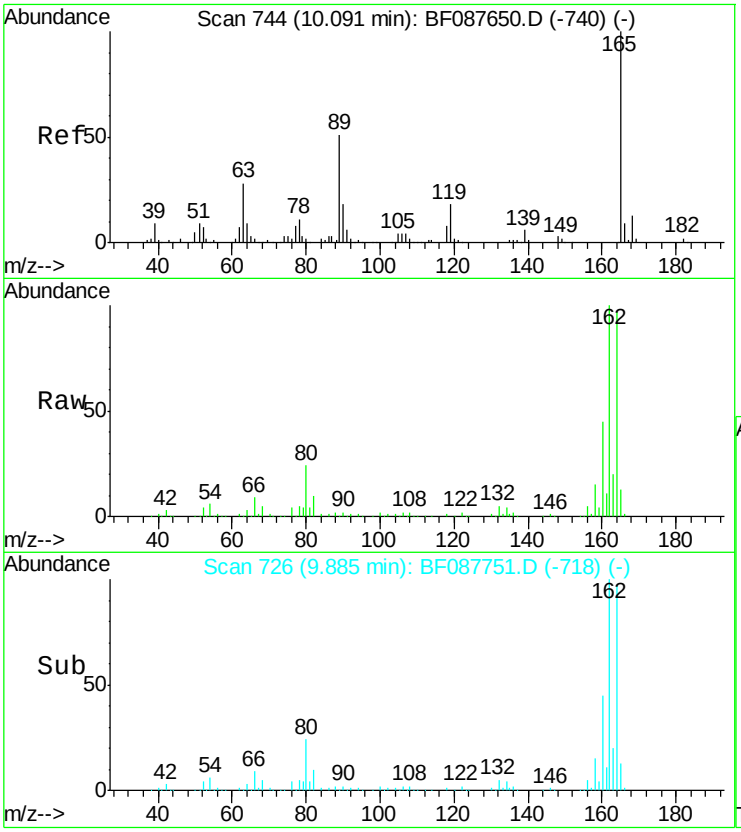


#50
2,6-Dinitrotoluene
Concen: 7.75 ng
RT: 9.88 min Scan# 726
Delta R.T. 0.19 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Tgt Ion:165 Resp: 27942

Ion	Ratio	Lower	Upper
165	100		
63	1.2	28.1	42.1#
89	1.5	32.2	48.2#



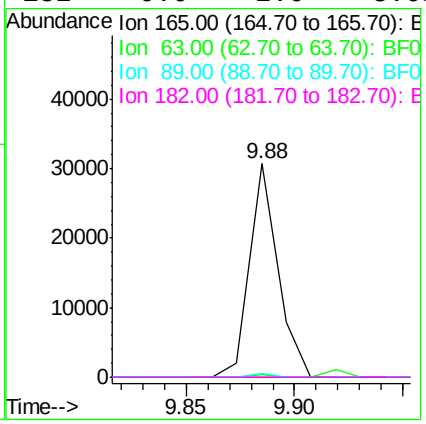


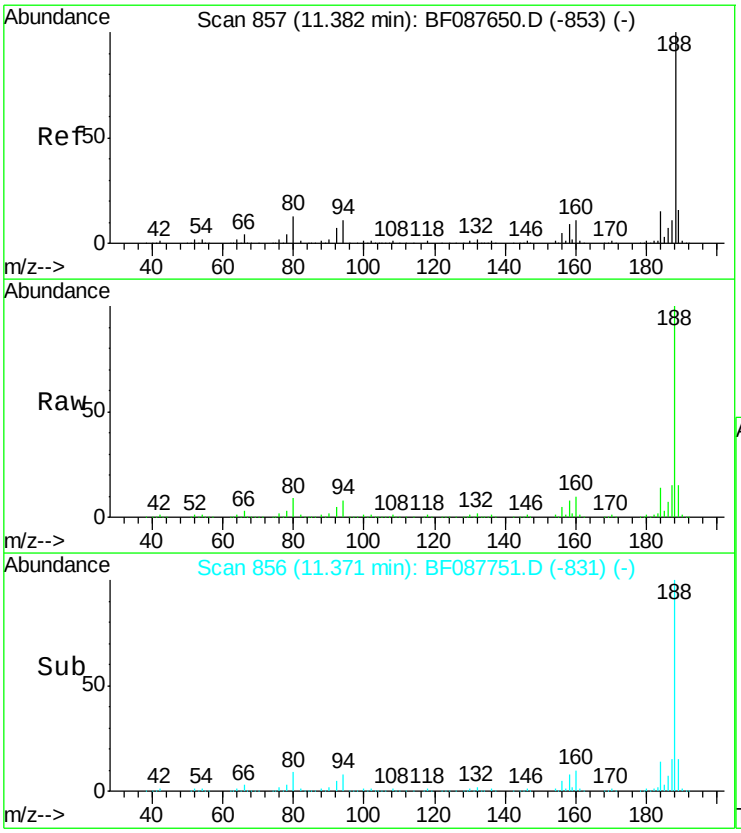
#56
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.21 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1257(0-4)

Tgt Ion:165 Resp: 27945

Ion	Ratio	Lower	Upper
165	100		
63	1.2	22.0	33.0#
89	1.5	41.1	61.7#
182	0.0	2.0	3.0#

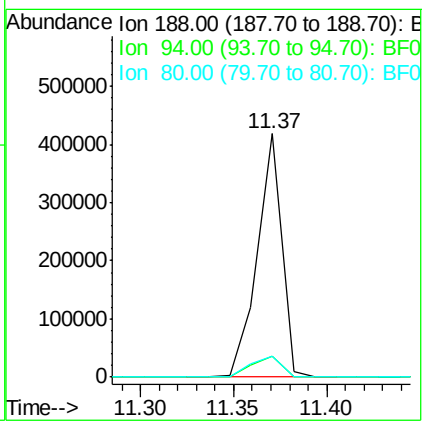


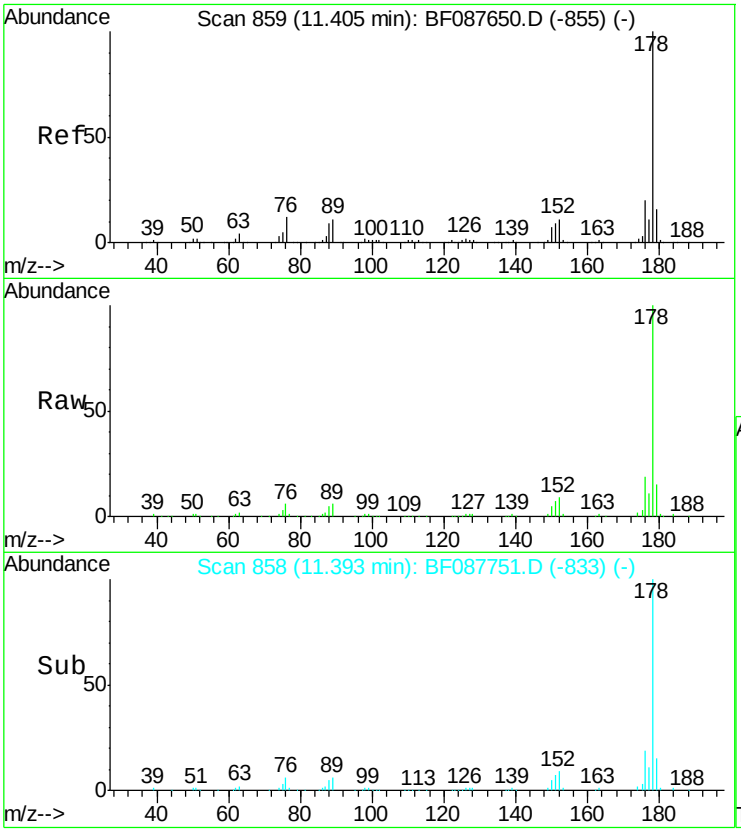


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Tgt Ion:188 Resp: 378542

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.6#
80	8.8	10.0	15.0#



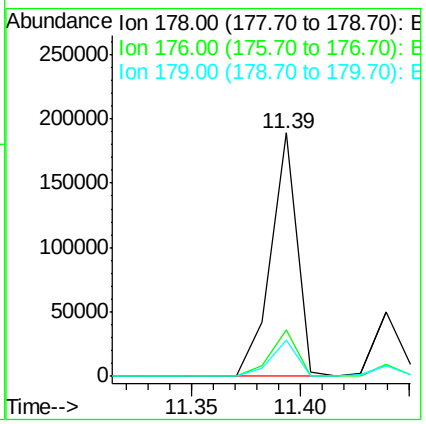


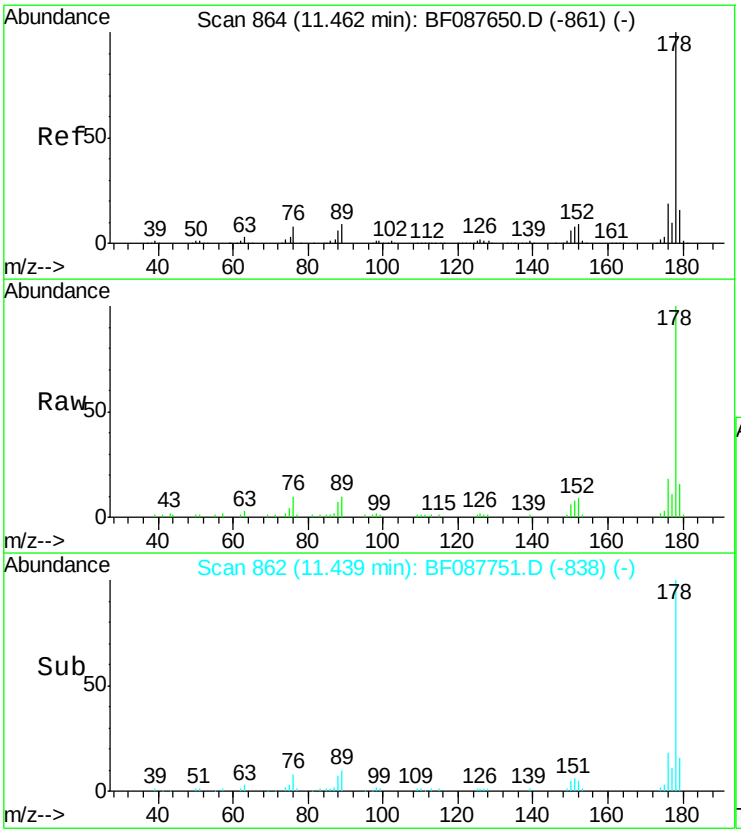
#70
Phenanthrene
Concen: 7.89 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1257(0-4)

Tgt Ion:178 Resp: 161933

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	14.9	13.0	19.4

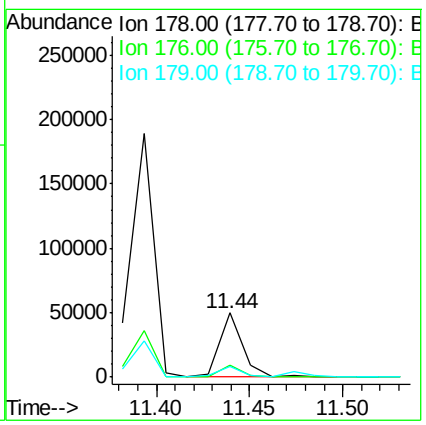


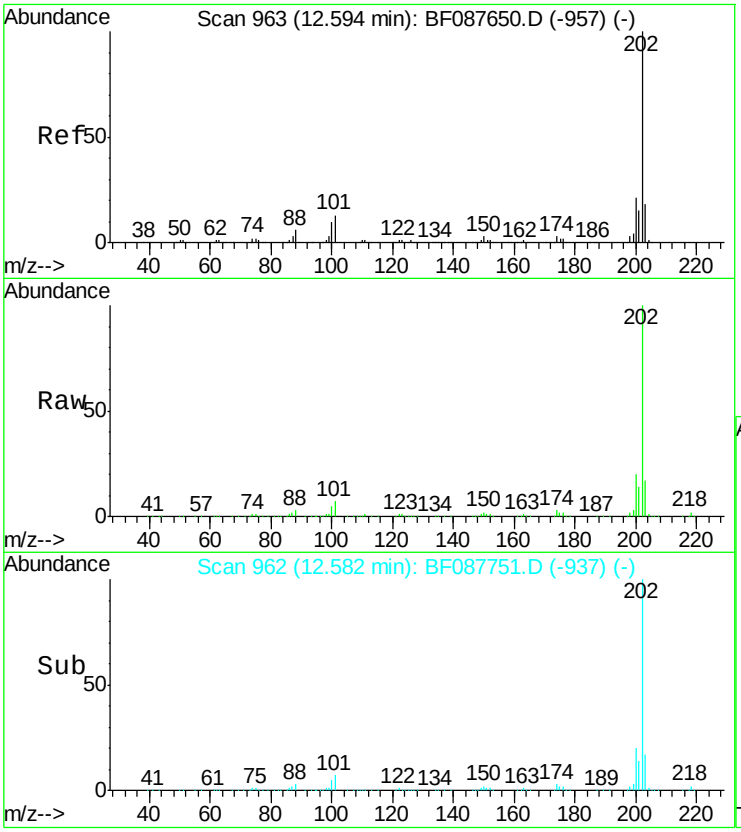


#71
Anthracene
Concen: 2.18 ng
RT: 11.44 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Tgt Ion:178 Resp: 44793

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	16.2	12.8	19.2



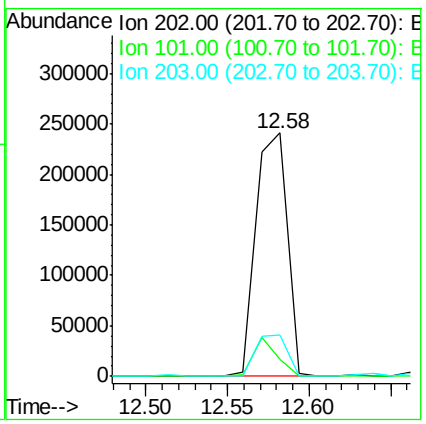


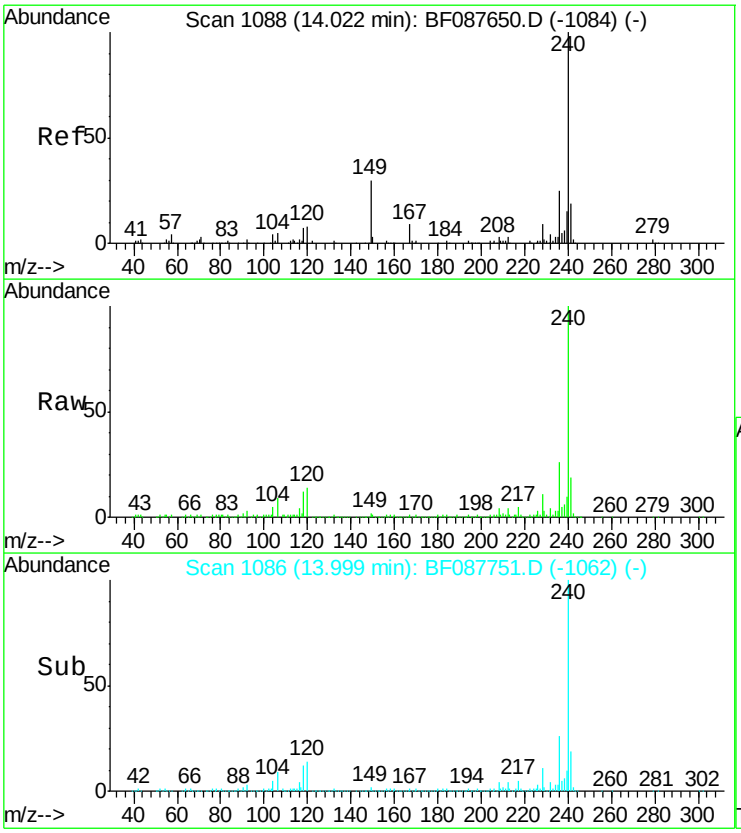
#74
Fluoranthene
Concen: 15.95 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1257(0-4)

Tgt Ion:202 Resp: 322124

Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	33.1
203	17.2	0.0	38.1

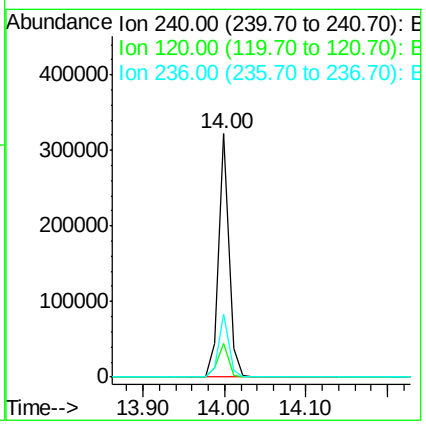


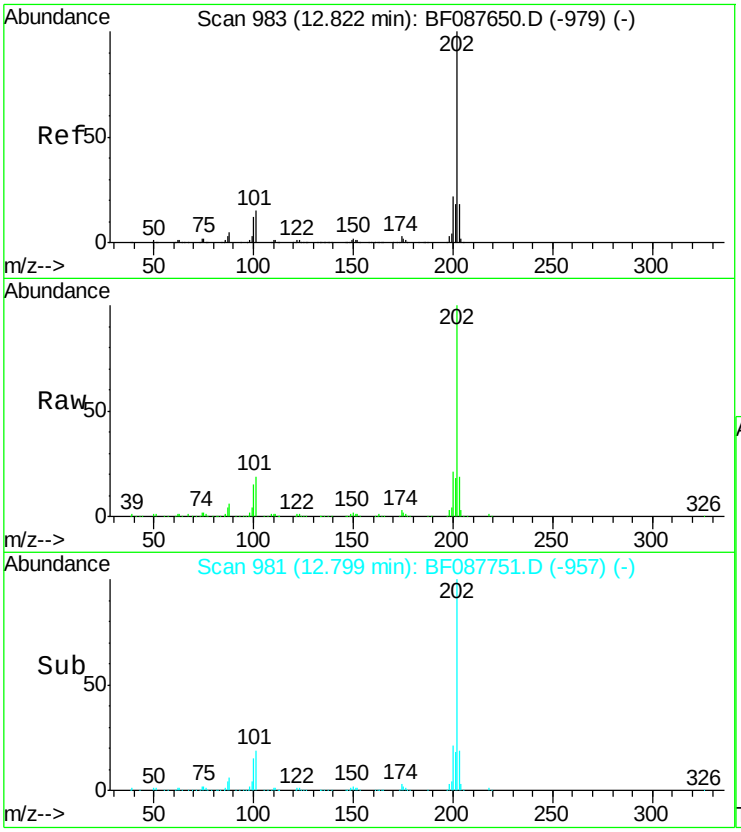


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Tgt Ion:240 Resp: 282852

Ion	Ratio	Lower	Upper
240	100		
120	13.8	6.8	10.2#
236	25.9	20.2	30.2



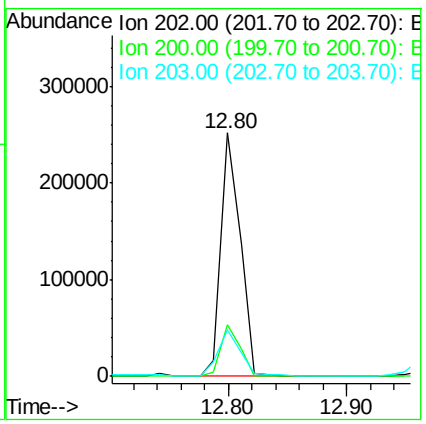


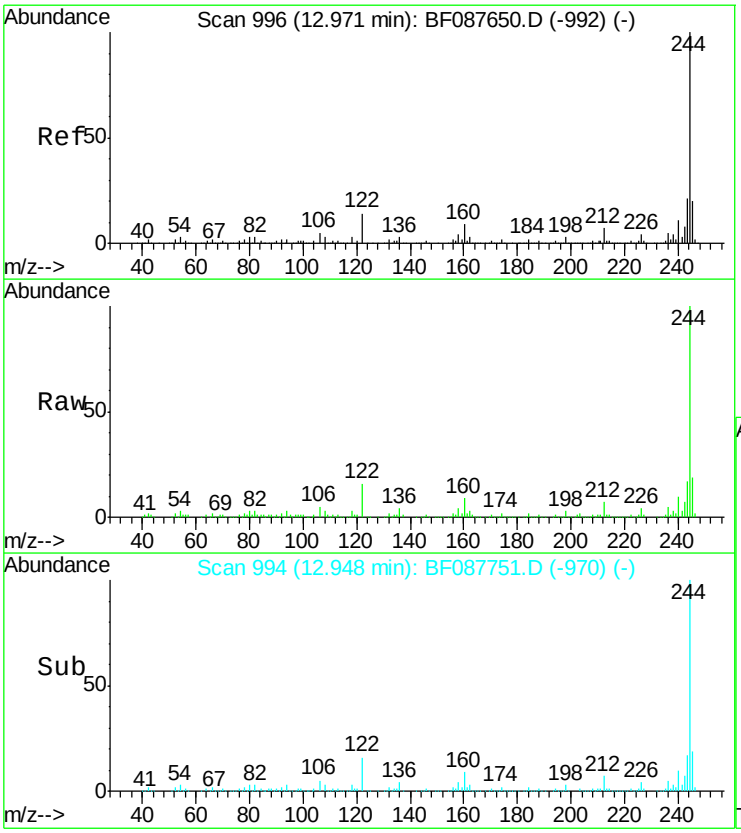
#77
Pyrene
Concen: 13.91 ng
RT: 12.80 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1257(0-4)

Tgt Ion:202 Resp: 280130

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	19.3	14.5	21.7

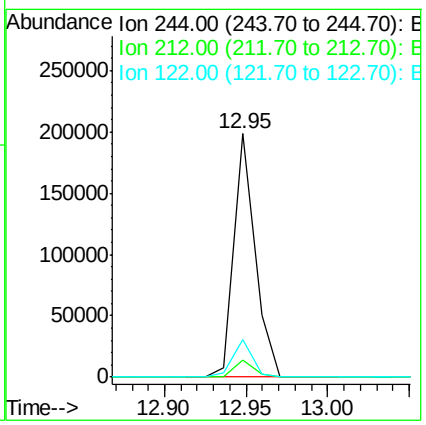


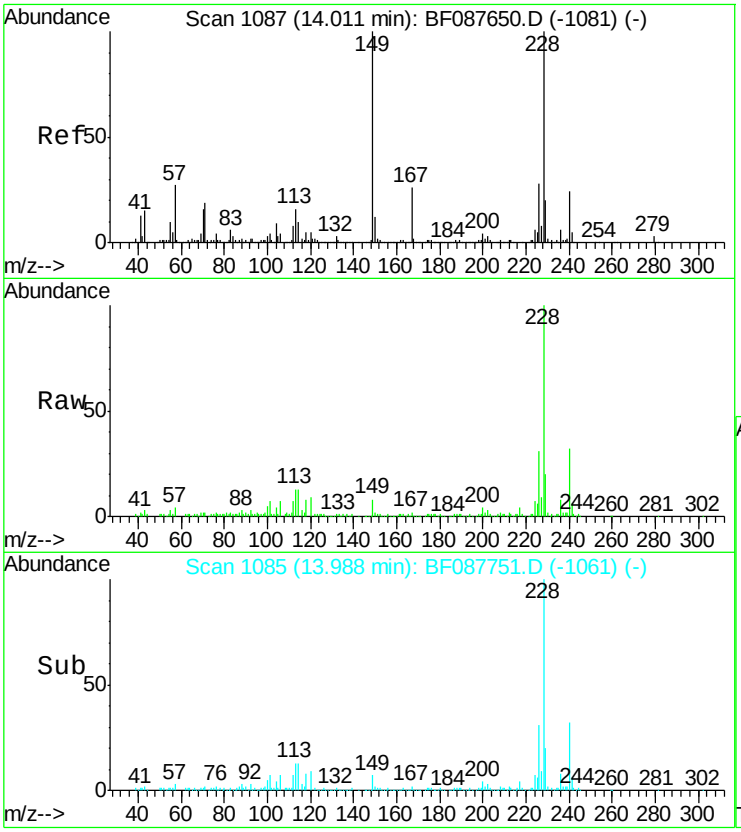


#78
Terphenyl-d14
Concen: 15.24 ng
RT: 12.95 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Tgt Ion:244 Resp: 176617

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	15.6	11.2	16.8



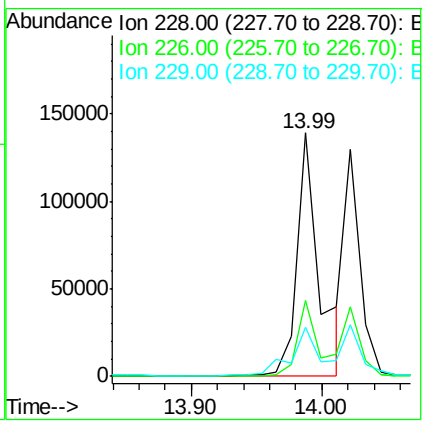


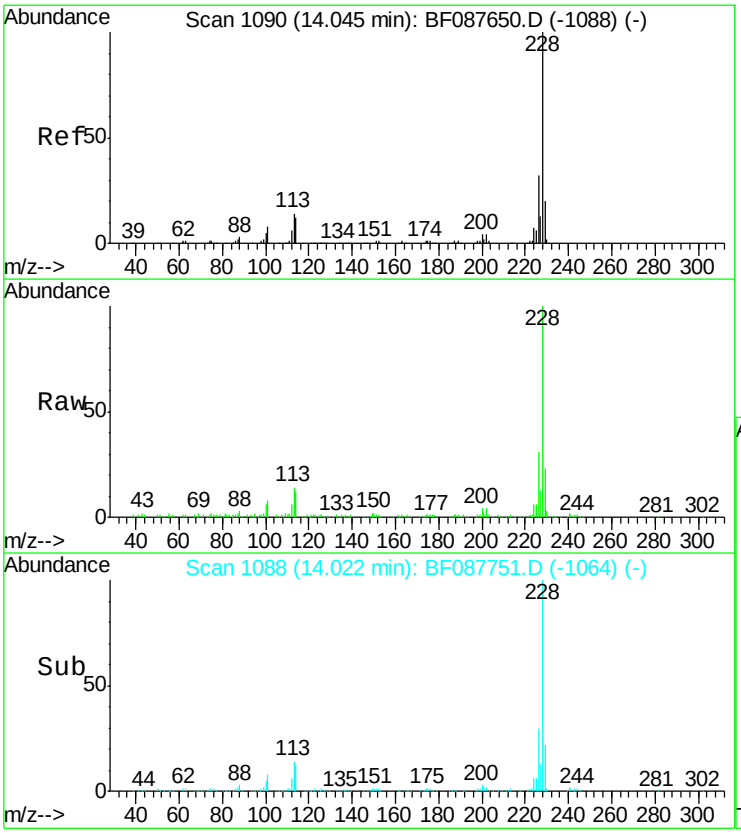
#80
Benzo(a)anthracene
Concen: 10.16 ng
RT: 13.99 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1257(0-4)

Tgt Ion:228 Resp: 165868

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.3	33.5
229	19.9	16.0	24.0

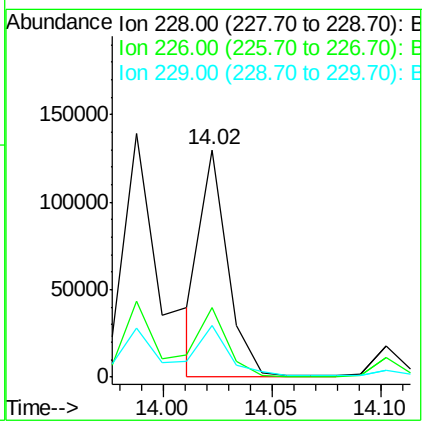


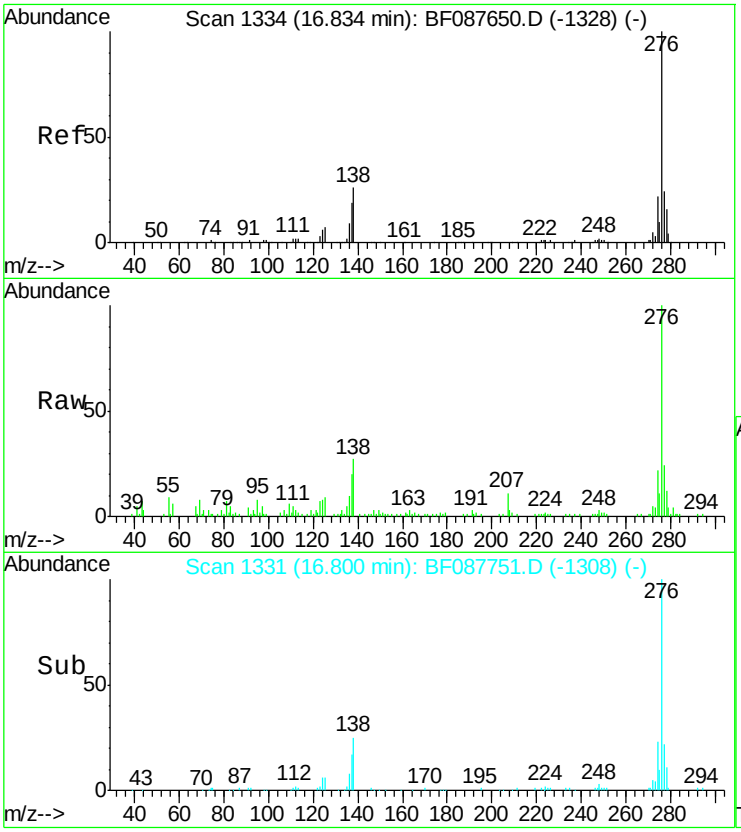


#82
Chrysene
Concen: 6.86 ng
RT: 14.02 min Scan# 1088
Delta R.T. -0.02 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Tgt Ion:228 Resp: 111488

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.2
229	22.8	16.3	24.5



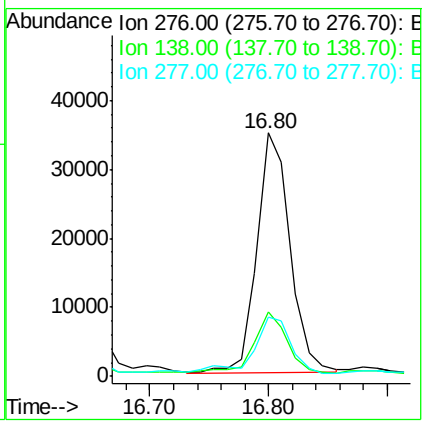


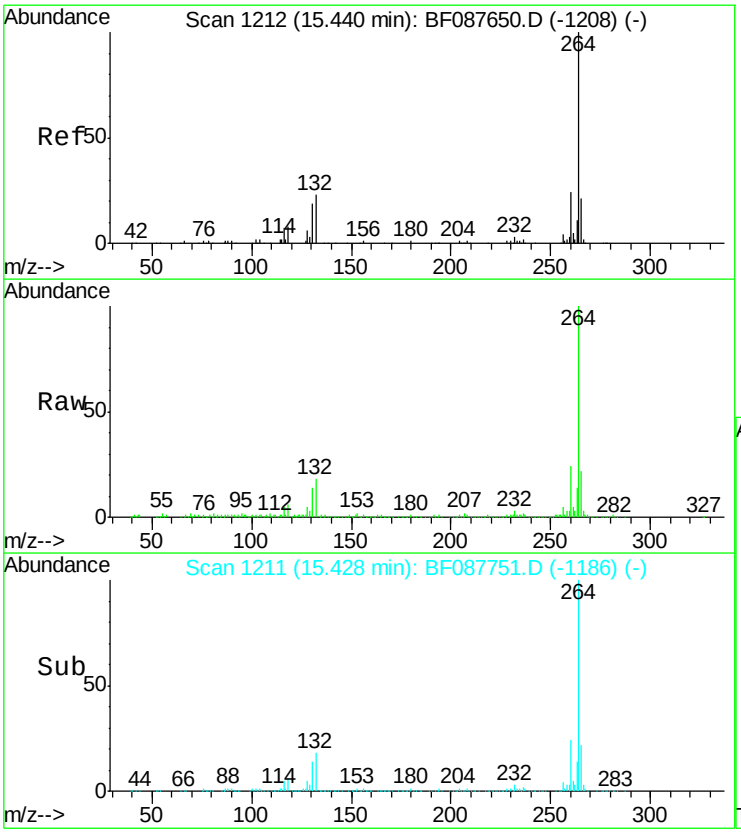
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.03 ng
RT: 16.80 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1257(0-4)

Tgt Ion:276 Resp: 67588

Ion	Ratio	Lower	Upper
276	100		
138	25.4	0.0	0.0#
277	28.1	0.0	0.0#

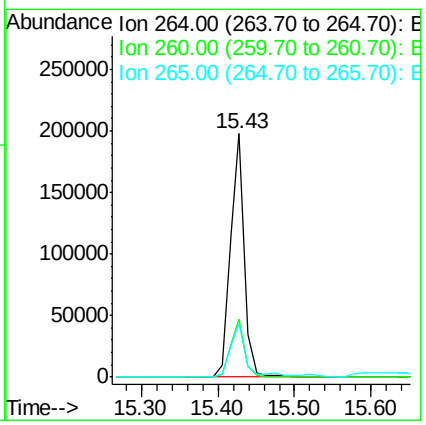


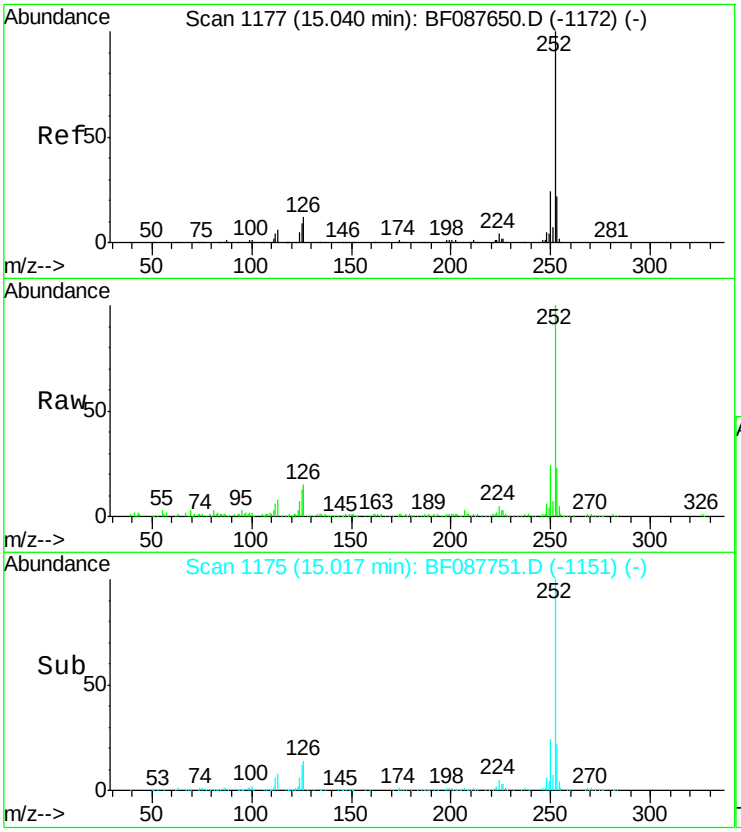


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Tgt Ion:264 Resp: 255181

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.4	16.9	25.3



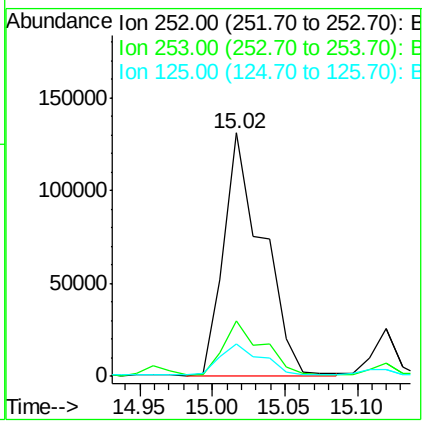


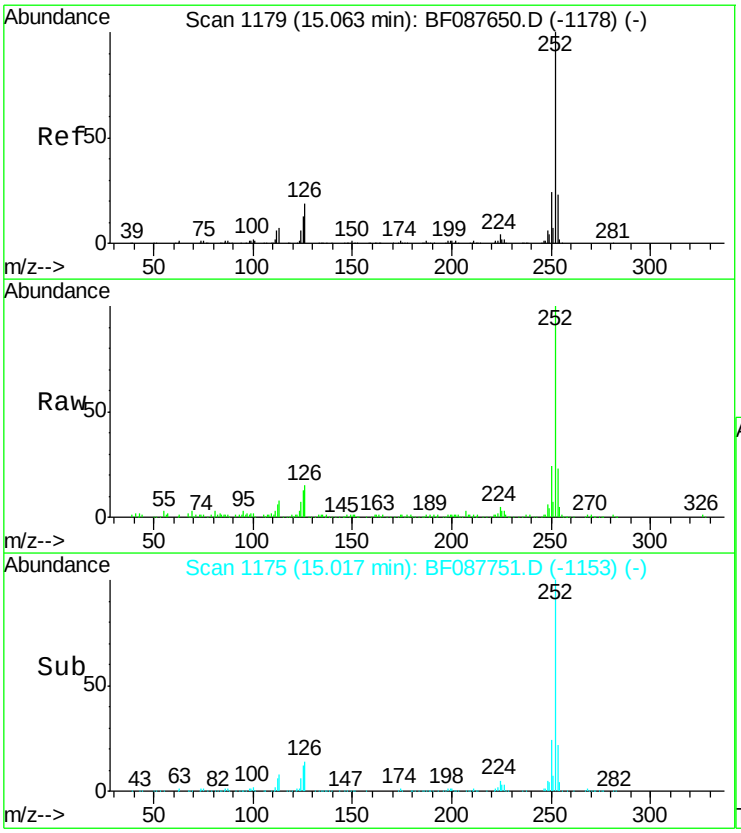
#87
Benzo(b)fluoranthene
Concen: 14.67 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1257(0-4)

Tgt Ion:252 Resp: 243481

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	13.3	7.1	10.7#

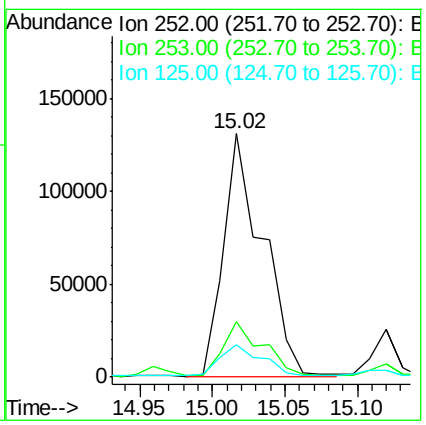


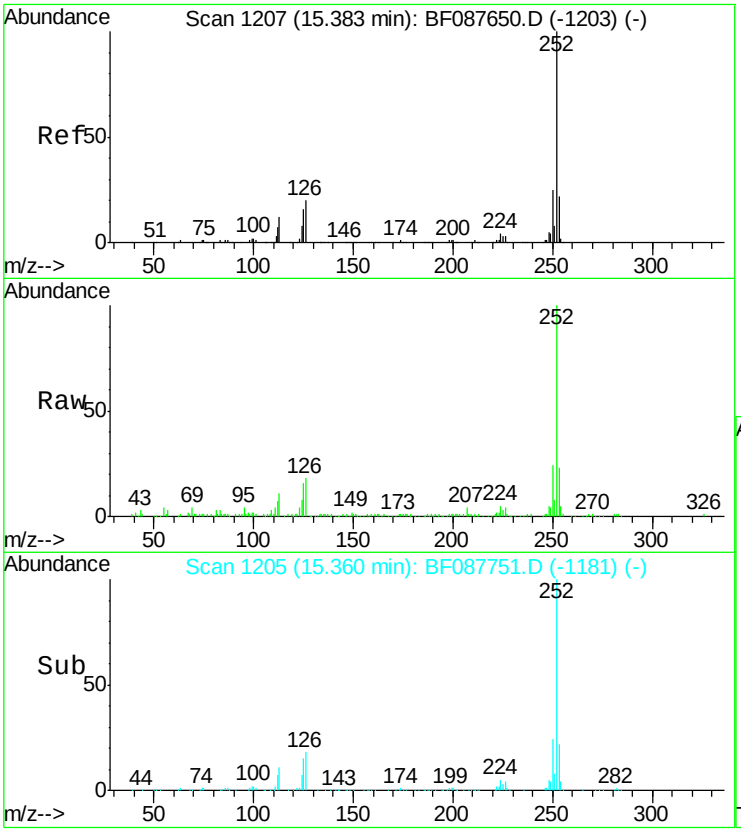


#88
Benzo(k)fluoranthene
Concen: 17.63 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.05 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Tgt Ion:252 Resp: 243481

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	13.3	11.2	16.8



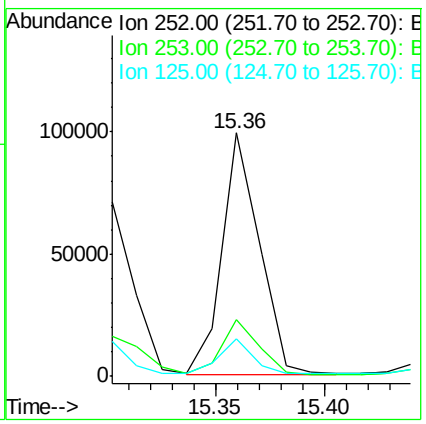


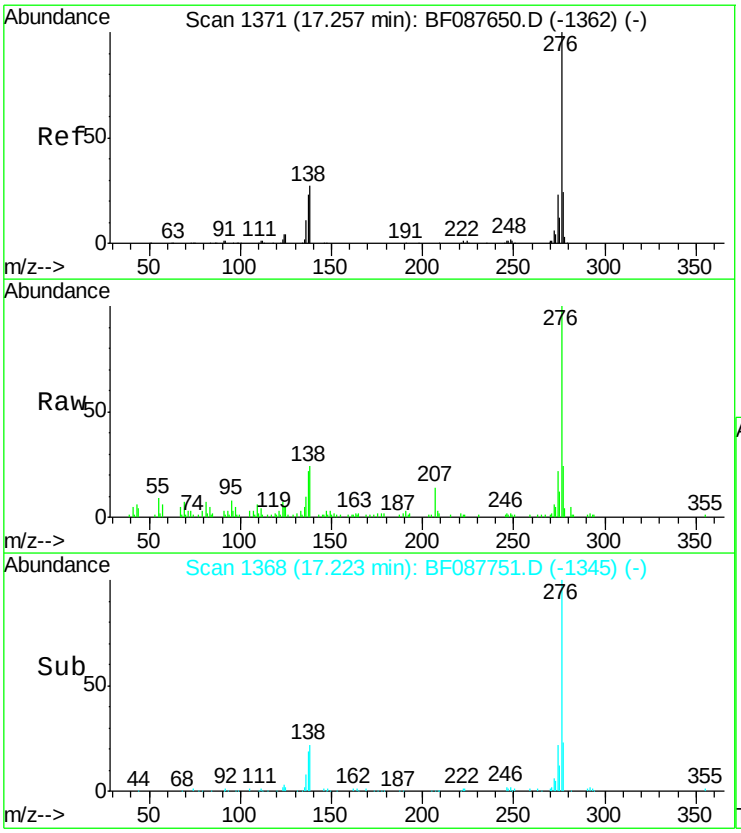
#89
Benzo(a)pyrene
Concen: 8.51 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1257(0-4)

Tgt Ion:252 Resp: 118699

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	15.5	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 5.34 ng
RT: 17.22 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BF087751.D
Acq: 6 Jun 2016 14:43

Tgt Ion:276 Resp: 63984

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	24.4	21.4	32.2