Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
Data File : BF087858.D
Acq On : 9 Jun 2016 17:57
Operator : UM/SJ
Sample : H3399-15 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-34

Quant Time: Jun 09 18:50:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	120857	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	426116	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	184388	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	278114	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	231100	20.00	ng	-0.03
86) Perylene-d12	15.36	264	199033	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	321715	45.51	ng	-0.02
7) Phenol-d6	6.44	99	382715	44.67	ng	-0.03
23) Nitrobenzene-d5	7.38	82	268371	36.78	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	87825	45.11	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	426440	32.94	ng	-0.03
78) Terphenyl-d14	12.91	244	266407	26.23	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	52303	3.92	ng	98
70) Phenanthrene	11.35	178	109684	7.52	ng	99
71) Anthracene	11.40	178	31084	2.11	ng	99
74) Fluoranthene	12.54	202	152704	9.92	ng	96
77) Pyrene	12.76	202	131785	7.68	ng	97
80) Benzo(a)anthracene	13.94	228	81298	6.17	ng	97
82) Chrysene	13.98	228	59550	4.81	ng	97
85) Indeno(1,2,3-cd)pyrene	16.72	276	30880	2.68	ng	# 100
87) Benzo(b)fluoranthene	14.96	252	76990m	5.55	ng	
88) Benzo(k)fluoranthene	14.97	252	33618m	3.21	ng	
89) Benzo(a)pyrene	15.30	252	53893	4.80	ng	98
91) Benzo(g,h,i)perylene	17.12	276	31027	2.89	ng	97

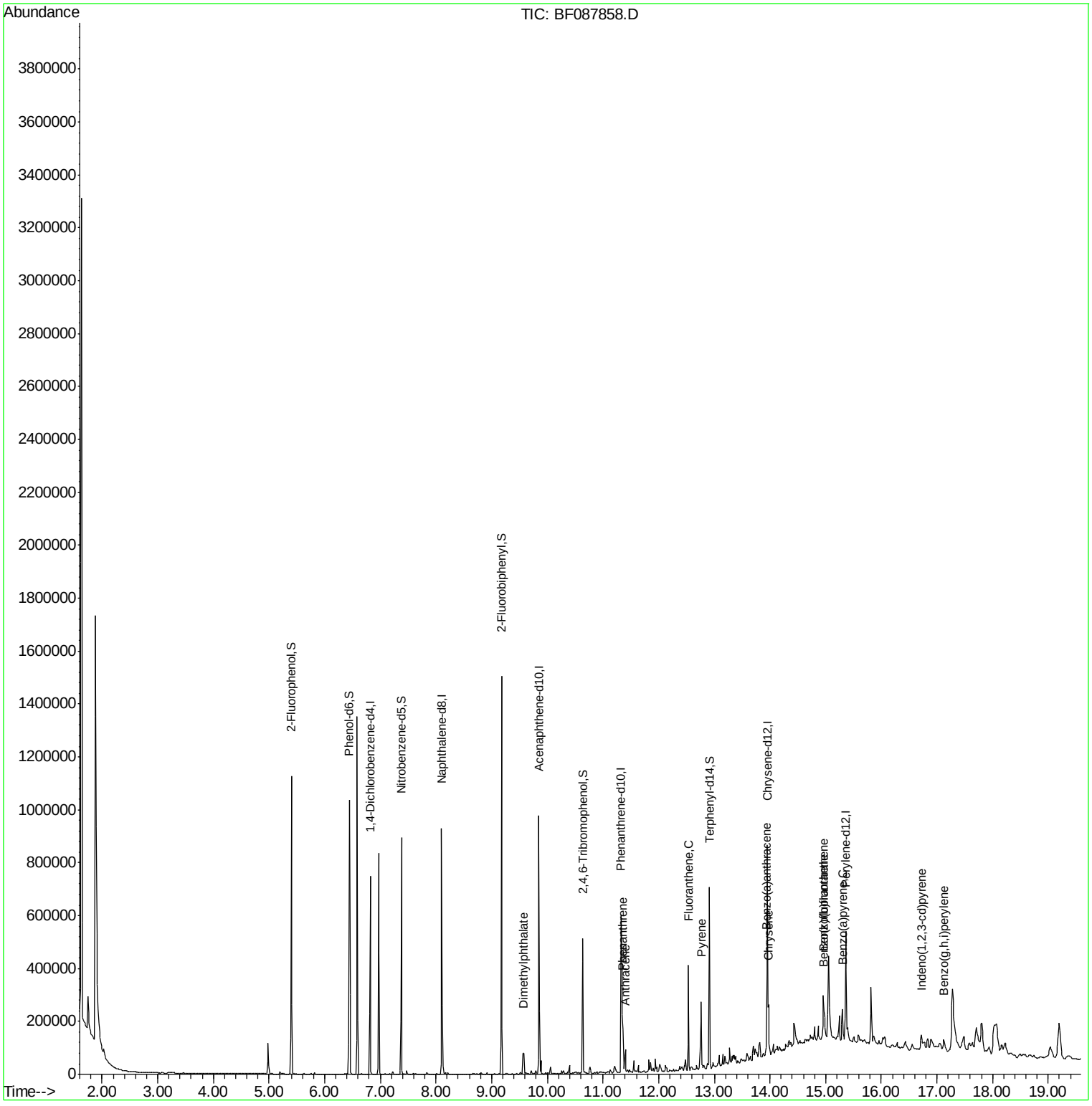
(#) = qualifier out of range (m) = manual integration (+) = signals summed

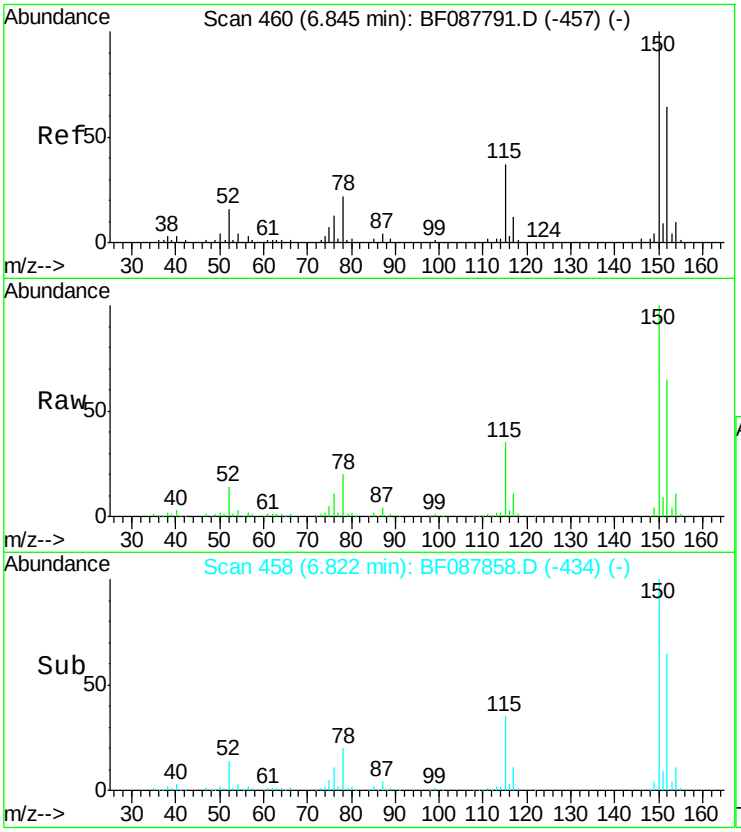
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
Data File : BF087858.D
Acq On : 9 Jun 2016 17:57
Operator : UM/SJ
Sample : H3399-15 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-34

Quant Time: Jun 09 18:50:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration



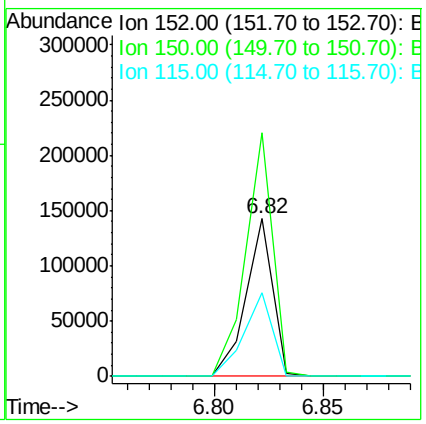


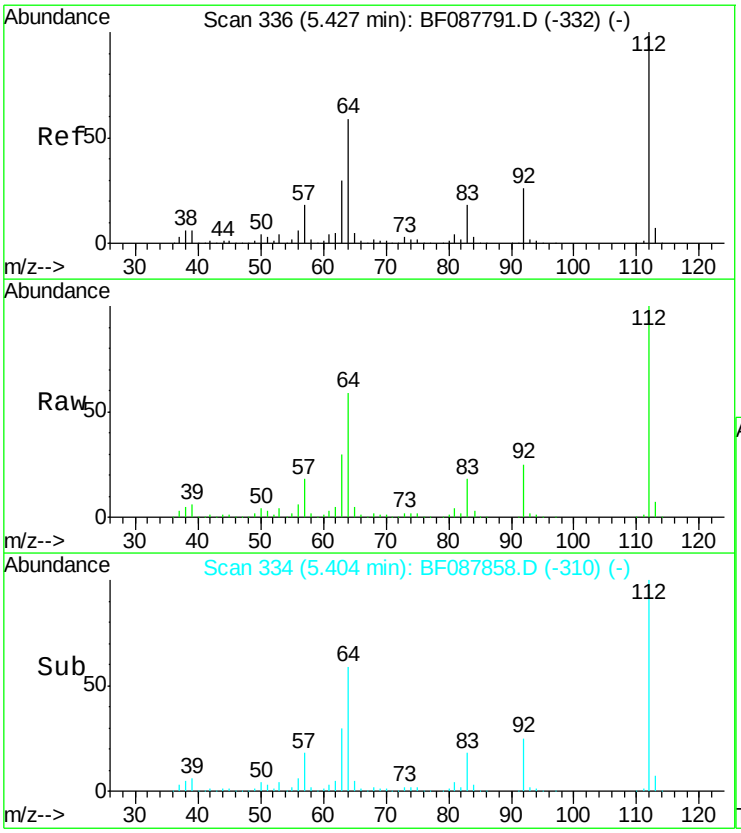
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SS-34

Tgt Ion:152 Resp: 120857

Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.8	185.6
115	53.4	39.6	59.4

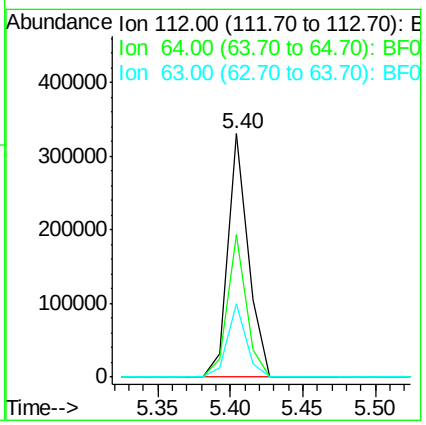


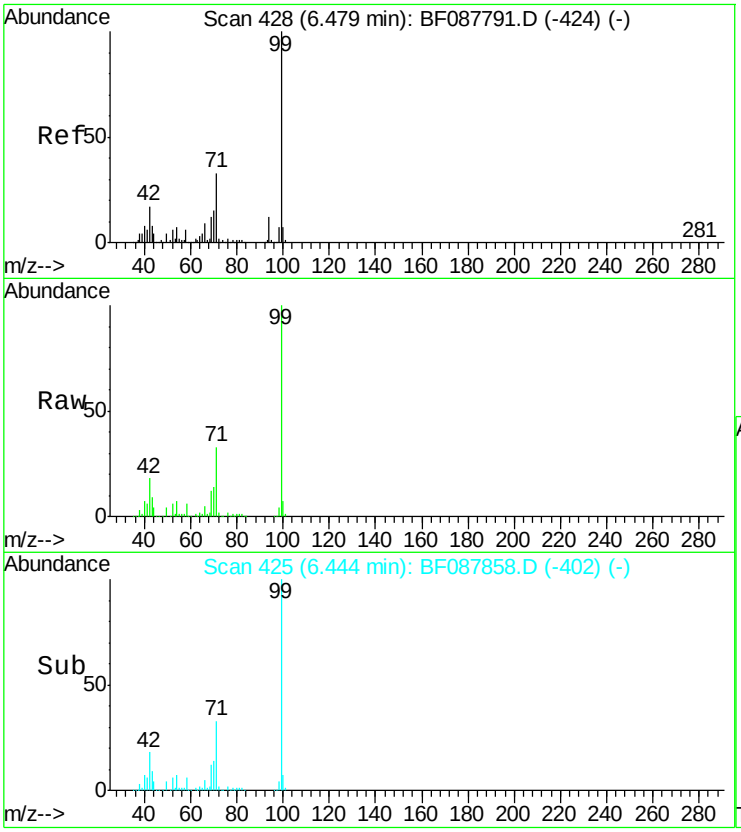


#5
2-Fluorophenol
Concen: 45.51 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.02 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Tgt Ion:112 Resp: 321715

Ion	Ratio	Lower	Upper
112	100		
64	58.7	42.2	63.2
63	30.0	21.8	32.8



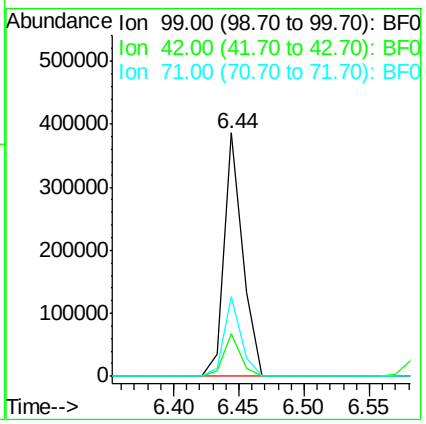


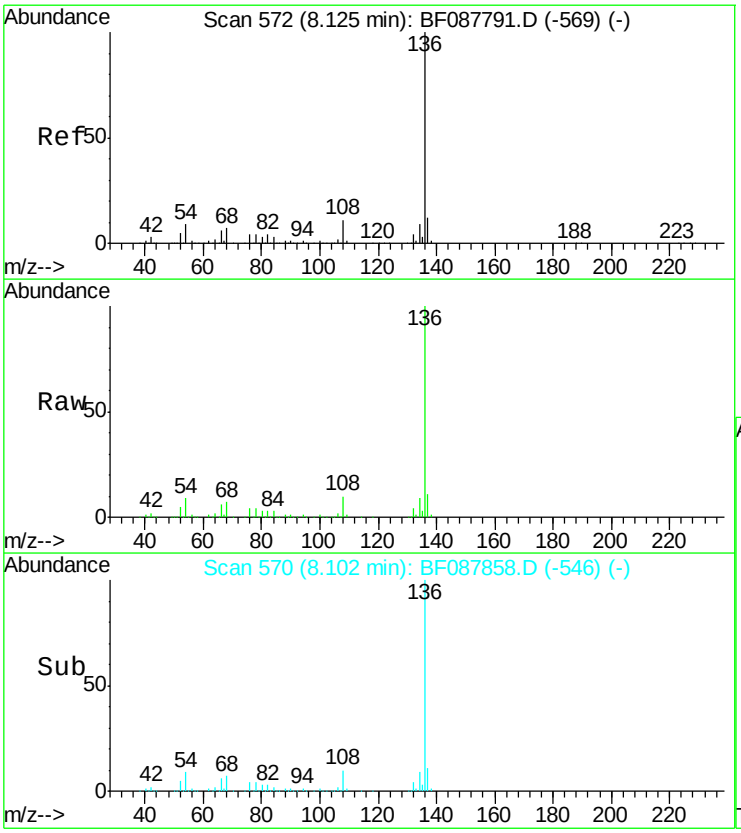
#7
Phenol-d6
Concen: 44.67 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SS-34

Tgt Ion: 99 Resp: 382715

Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.2	18.2
71	32.8	23.4	35.0

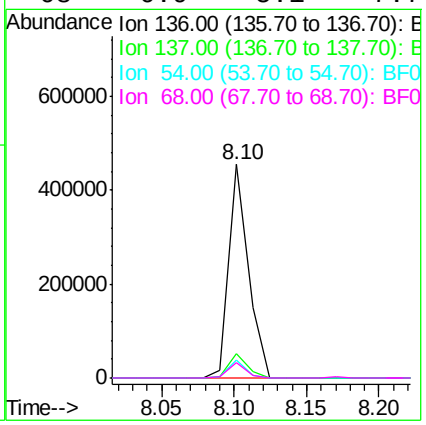


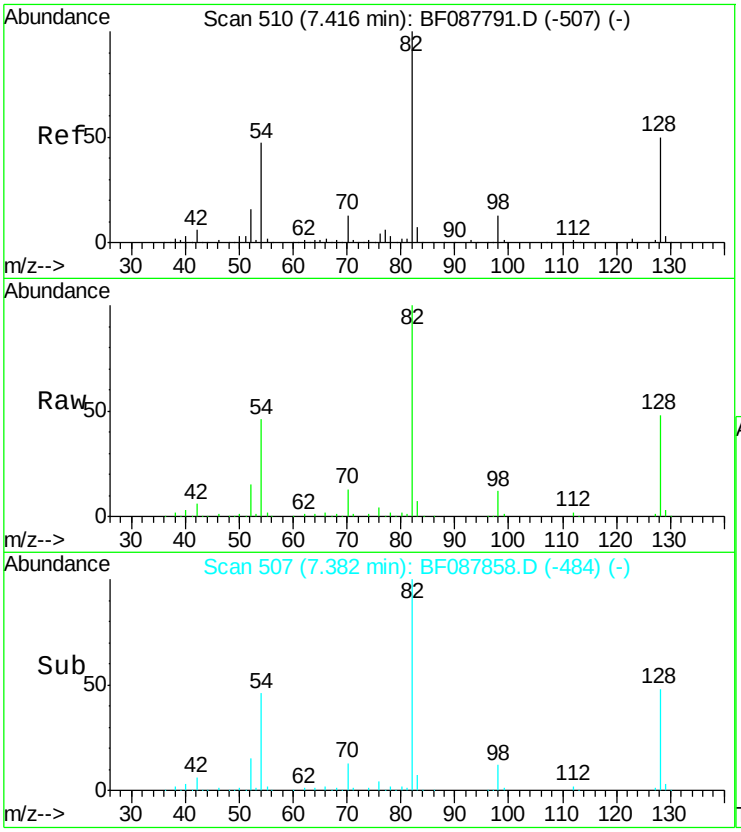


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Tgt Ion:136 Resp: 426116

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.6	6.6	10.0
68	6.9	5.1	7.7



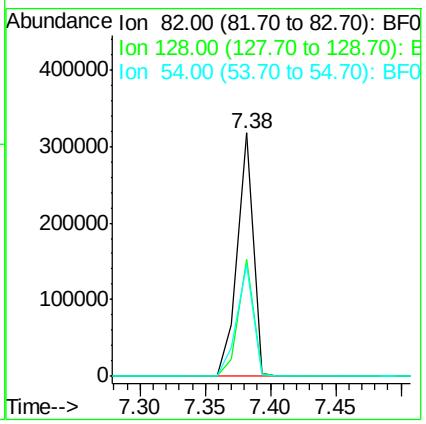


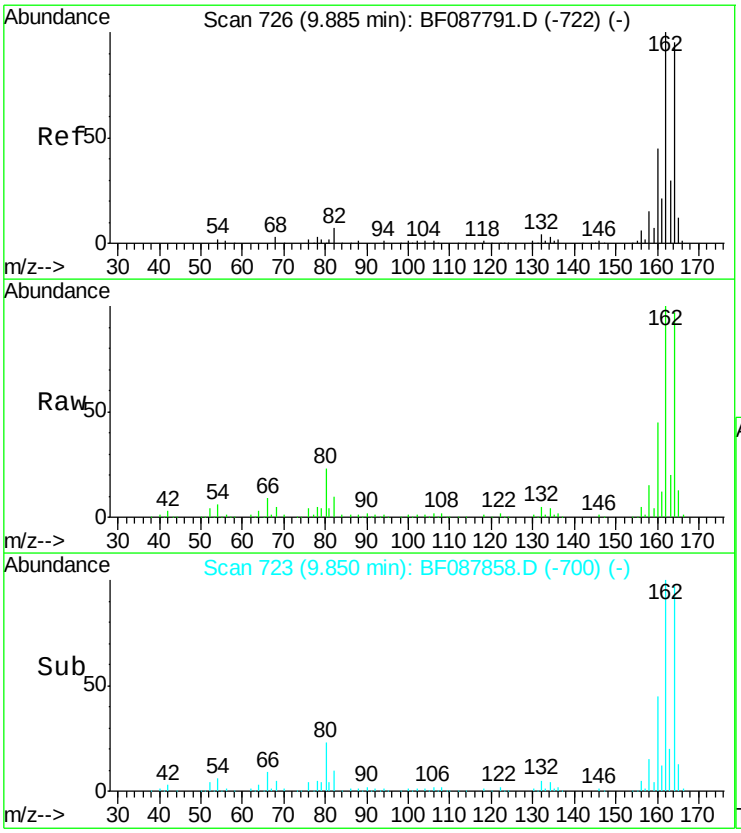
#23
Nitrobenzene-d5
Concen: 36.78 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SS-34

Tgt Ion: 82 Resp: 268371

Ion	Ratio	Lower	Upper
82	100		
128	48.2	35.9	53.9
54	45.9	40.9	61.3

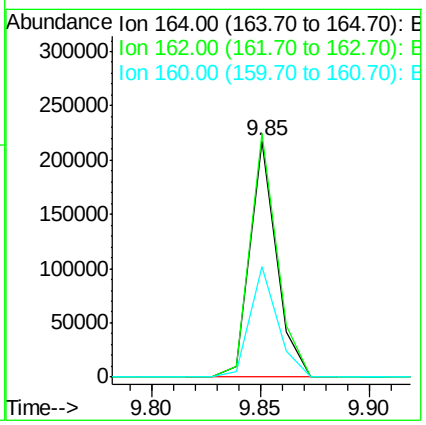


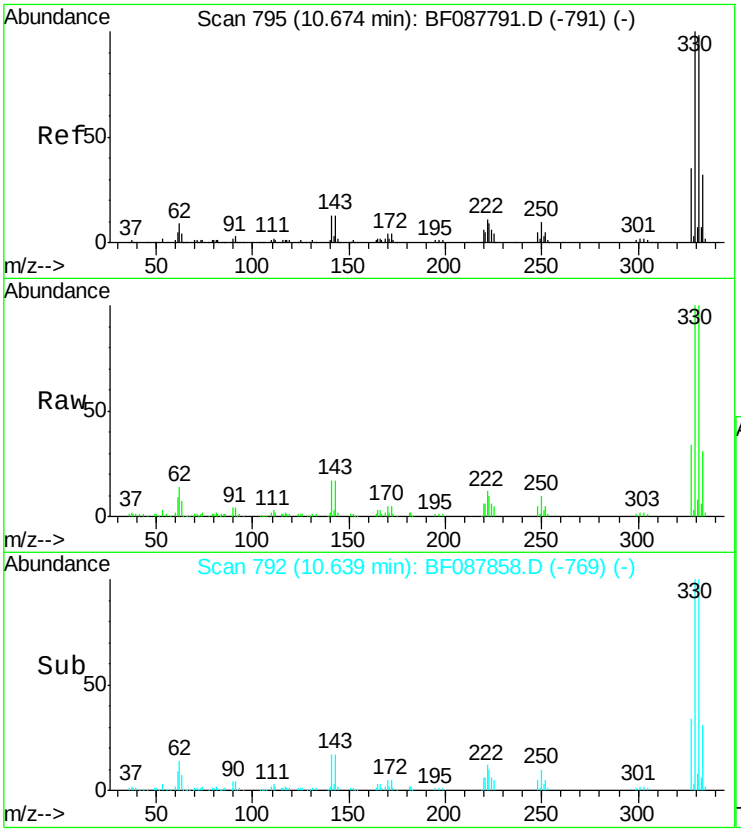


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Tgt Ion:164 Resp: 184388

Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.4	128.2
160	46.6	39.5	59.3



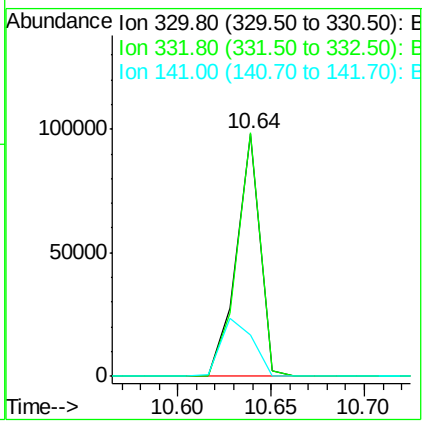


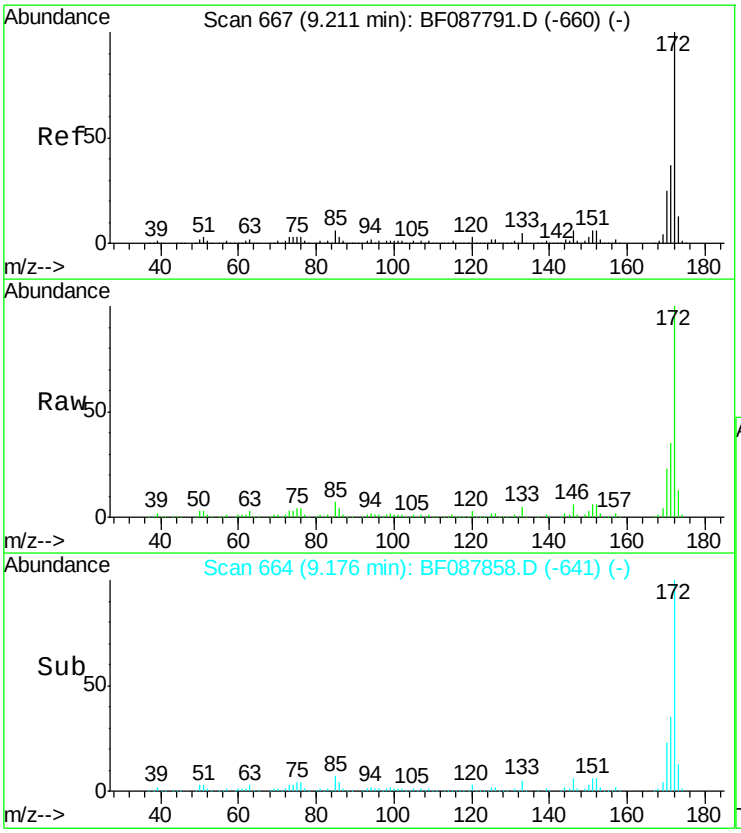
#41
2,4,6-Tribromophenol
Concen: 45.11 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SS-34

Tgt Ion:330 Resp: 87825

Ion	Ratio	Lower	Upper
330	100		
332	98.8	0.0	0.0#
141	31.9	0.0	0.0#

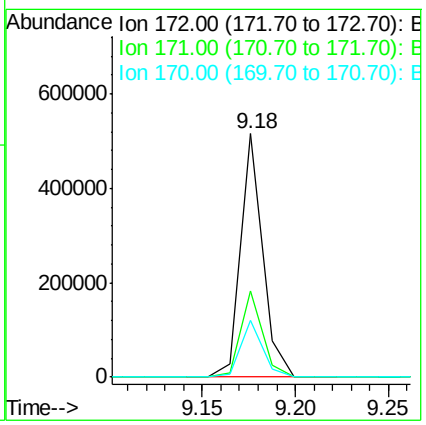


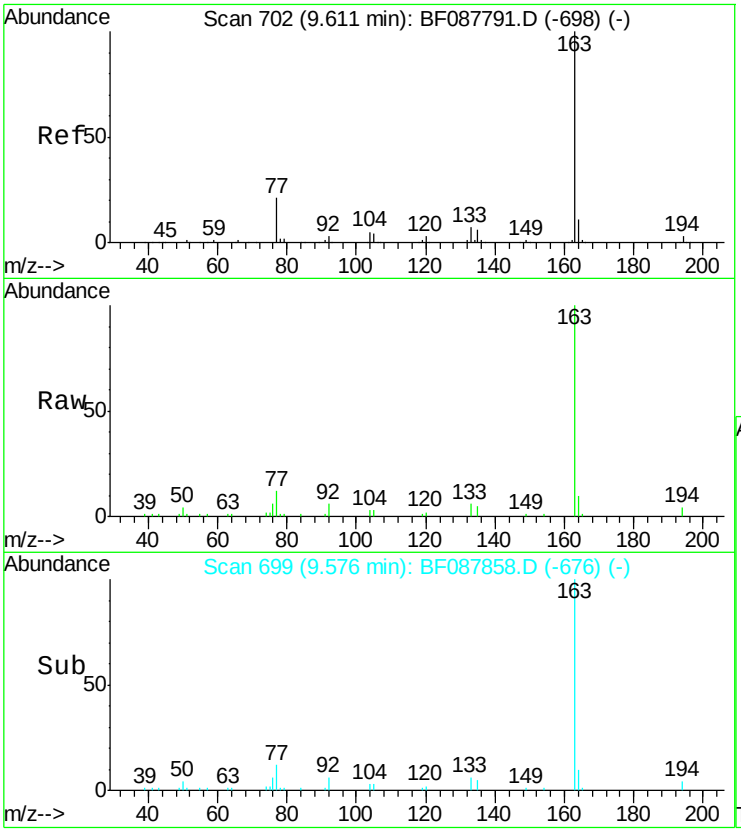


#44
2-Fluorobiphenyl
Concen: 32.94 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Tgt Ion:172 Resp: 426440

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.4	19.2	28.8



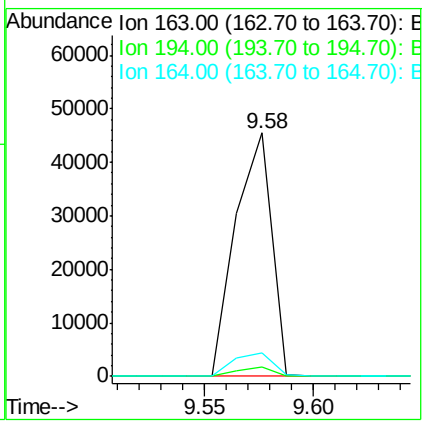


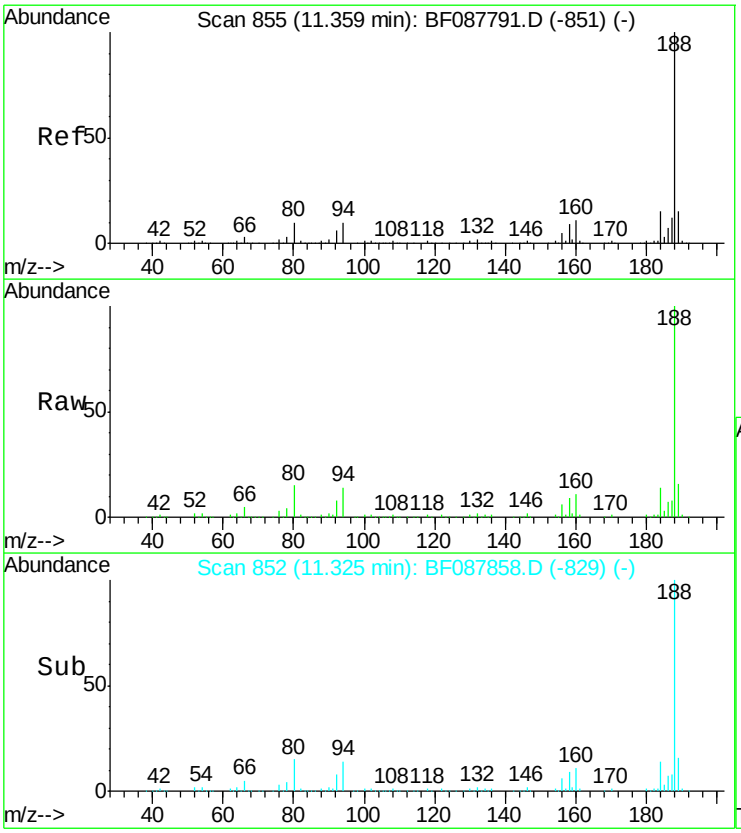
#49
Dimethylphthalate
Concen: 3.92 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SS-34

Tgt Ion:163 Resp: 52303

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.7	8.3	12.5

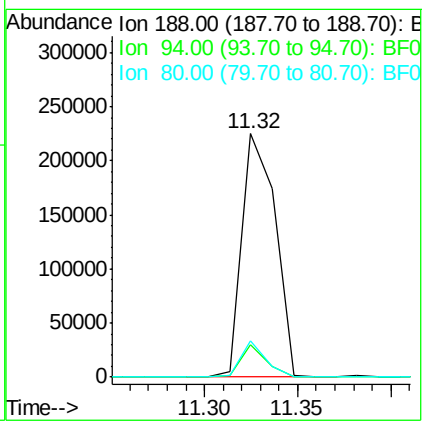


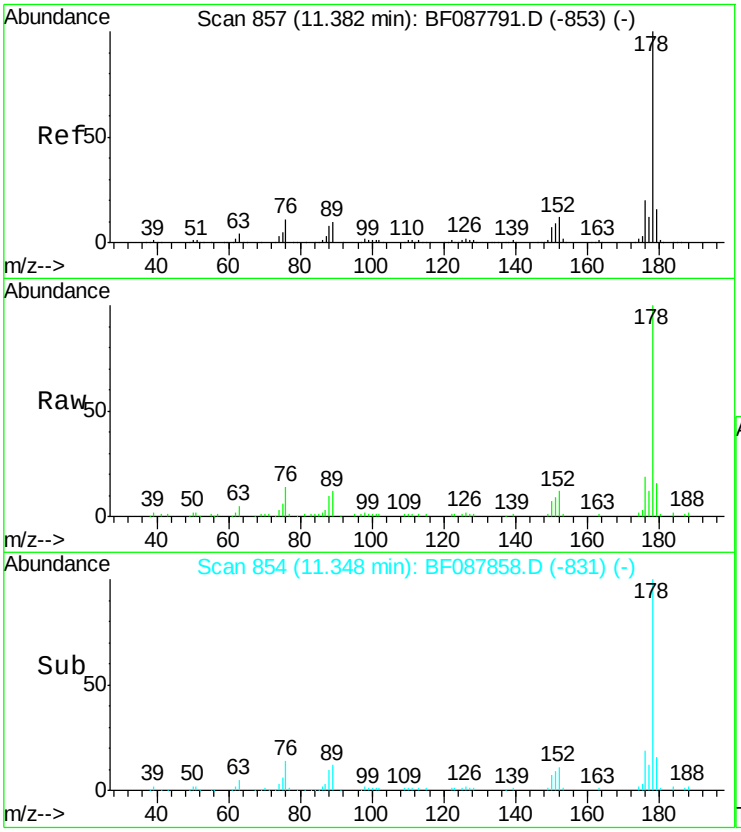


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Tgt Ion:188 Resp: 278114

Ion	Ratio	Lower	Upper
188	100		
94	13.5	9.0	13.6
80	14.7	10.0	15.0



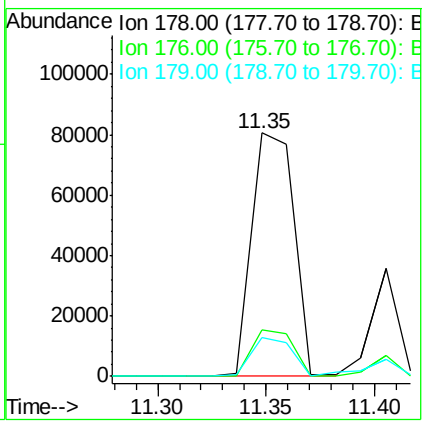


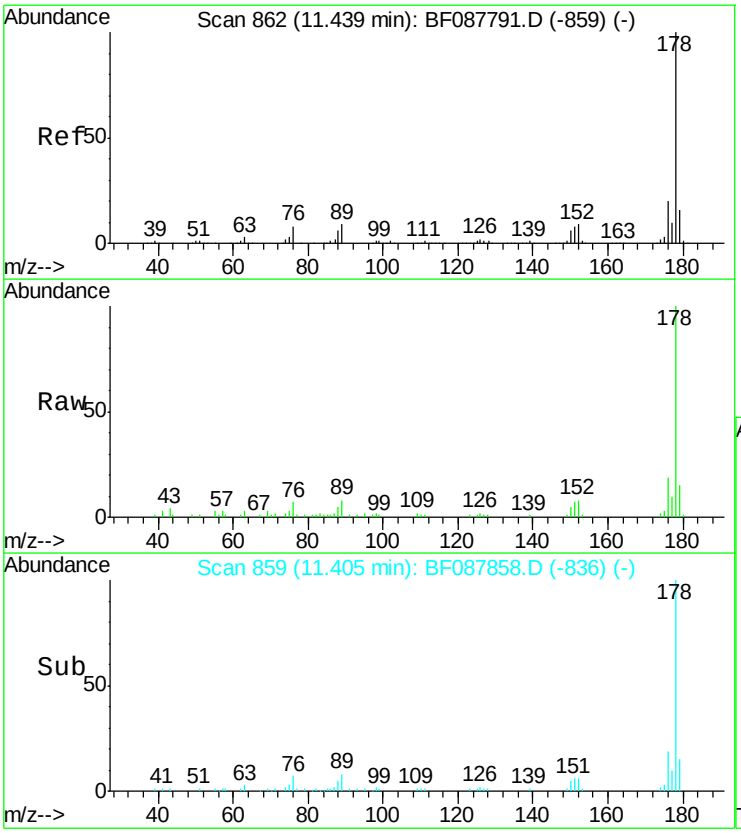
#70
Phenanthrene
Concen: 7.52 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.03 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SS-34

Tgt Ion:178 Resp: 109684

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	16.0	13.0	19.4

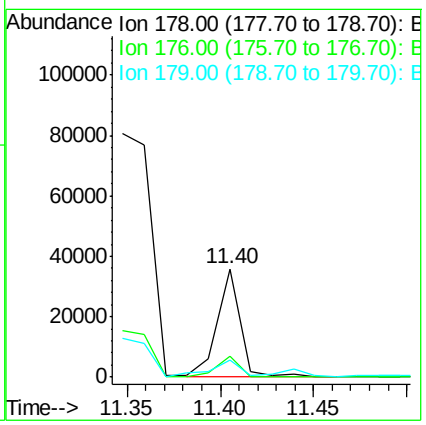


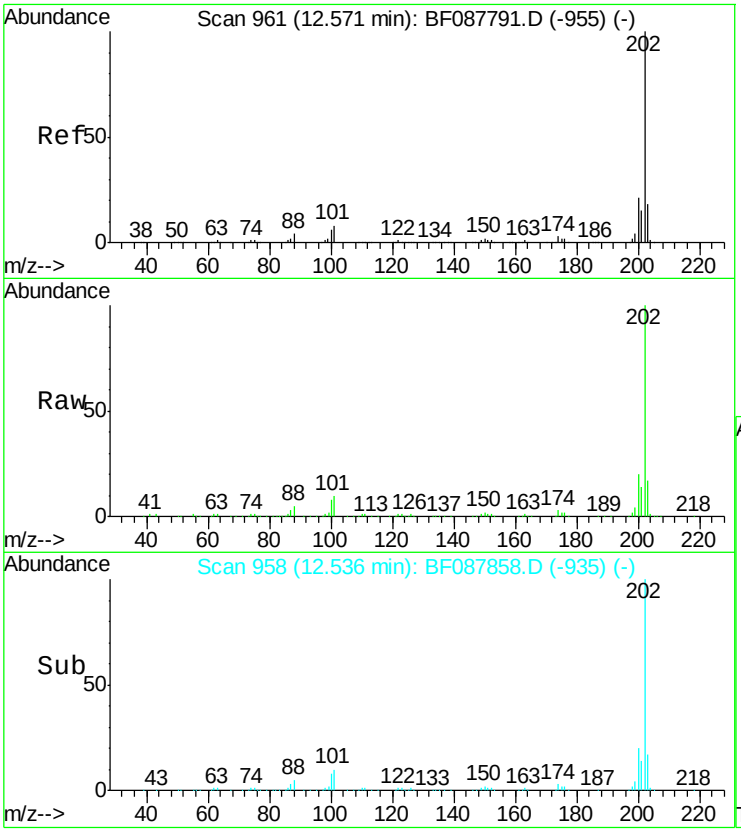


#71
Anthracene
Concen: 2.11 ng
RT: 11.40 min Scan# 859
Delta R.T. -0.03 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Tgt Ion:178 Resp: 31084

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.4	12.8	19.2



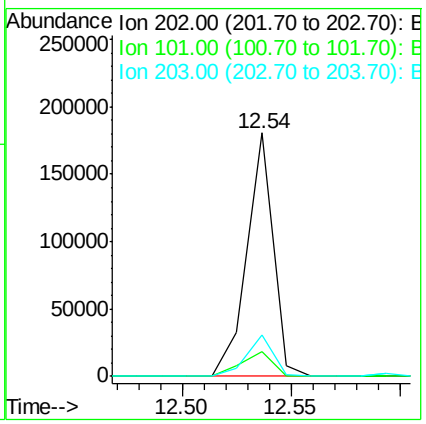


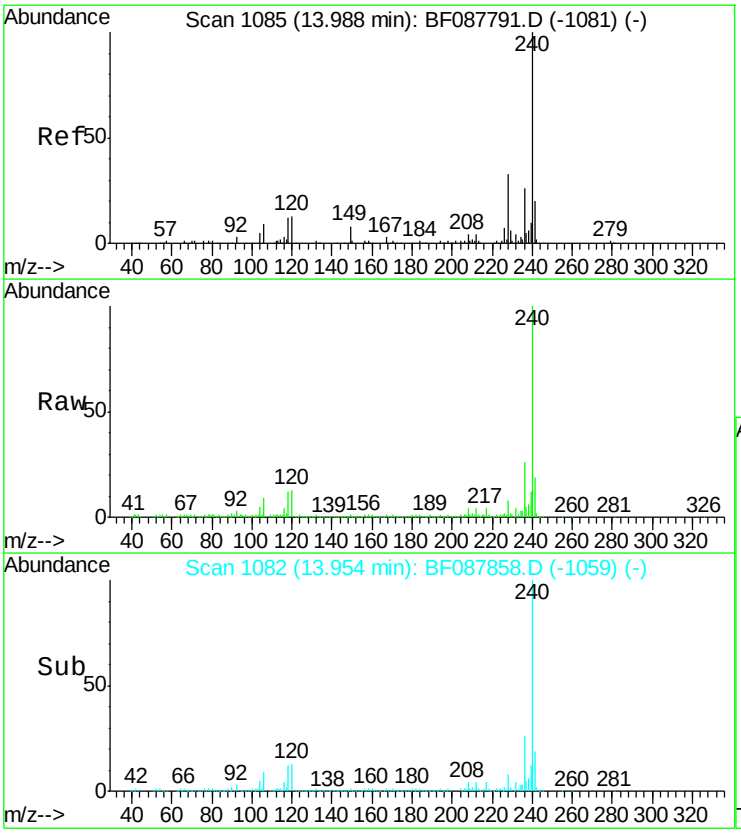
#74
Fluoranthene
Concen: 9.92 ng
RT: 12.54 min Scan# 958
Delta R.T. -0.03 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SS-34

Tgt Ion:202 Resp: 152704

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	33.1
203	17.1	0.0	38.1

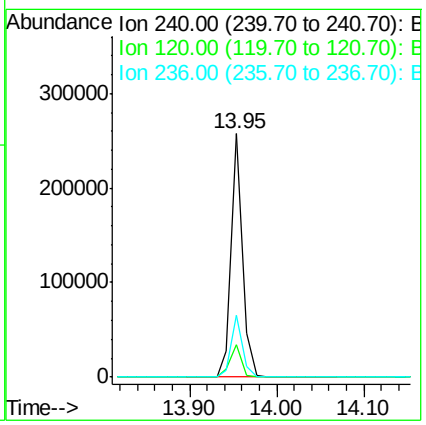


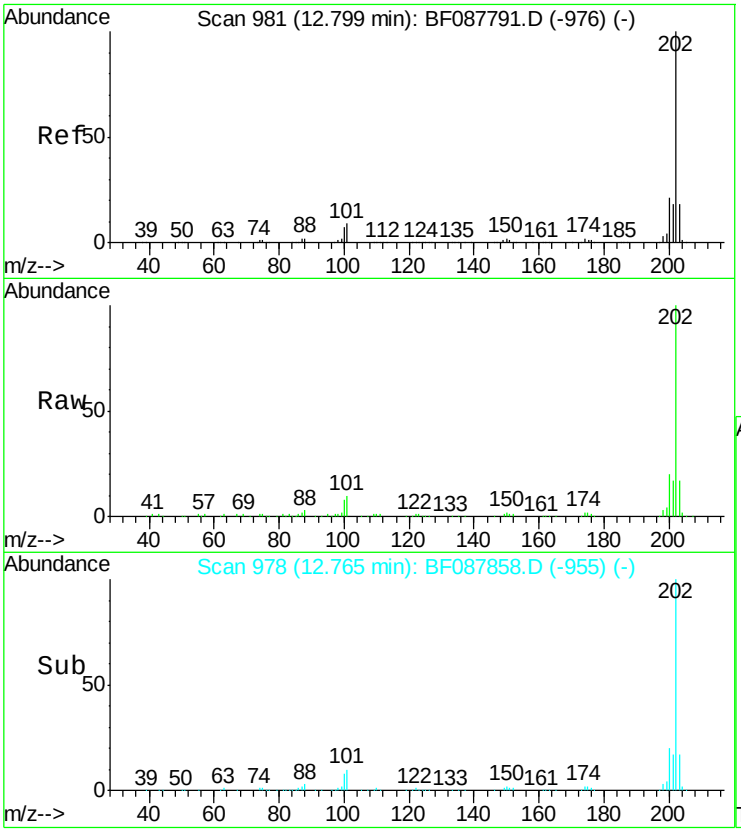


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Tgt Ion:240 Resp: 231100

Ion	Ratio	Lower	Upper
240	100		
120	13.3	6.8	10.2#
236	25.7	20.2	30.2



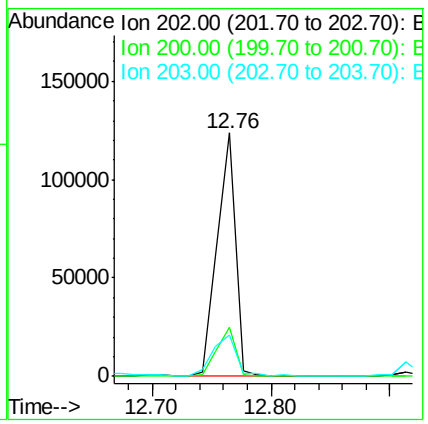


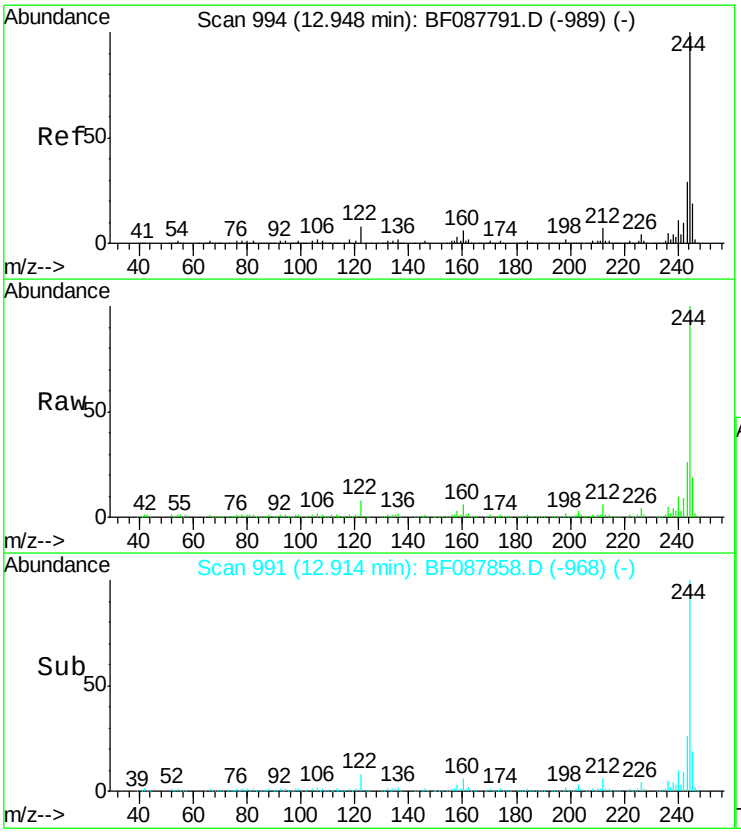
#77
Pyrene
Concen: 7.68 ng
RT: 12.76 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SS-34

Tgt Ion:202 Resp: 131785

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.2	14.5	21.7

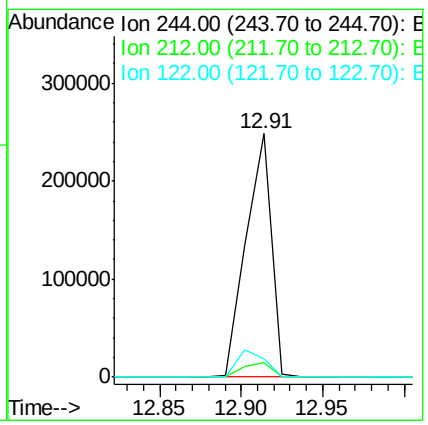


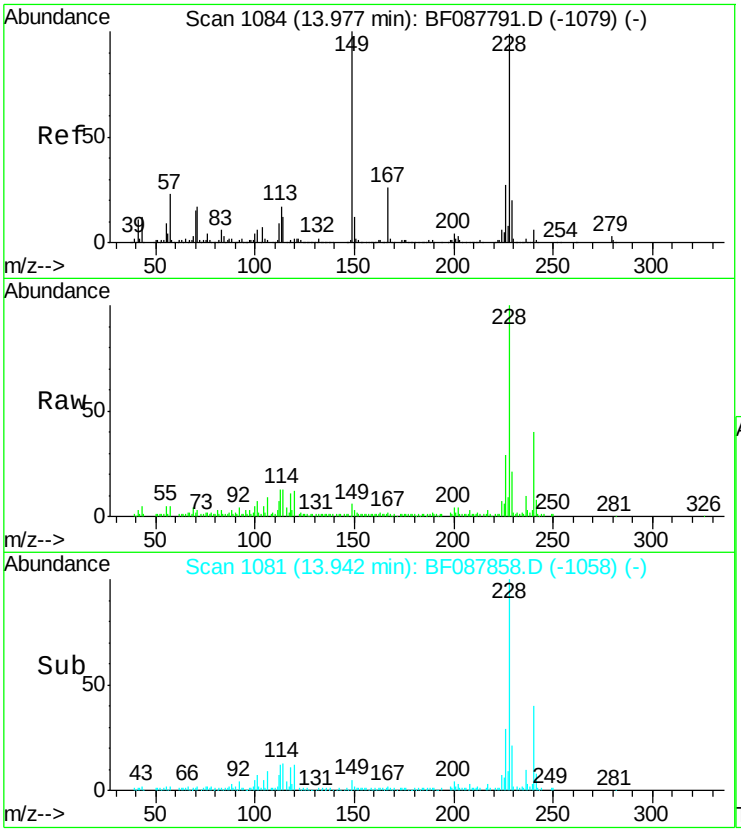


#78
Terphenyl-d14
Concen: 26.23 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Tgt Ion:244 Resp: 266407

Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.0	9.0
122	7.6	11.2	16.8#



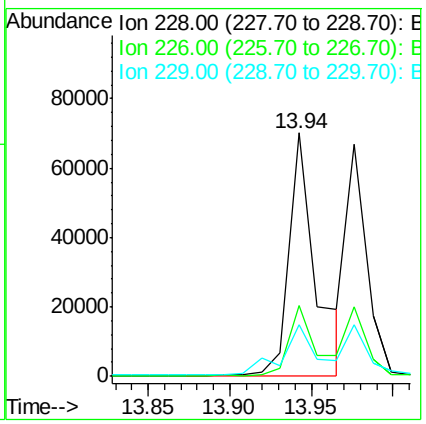


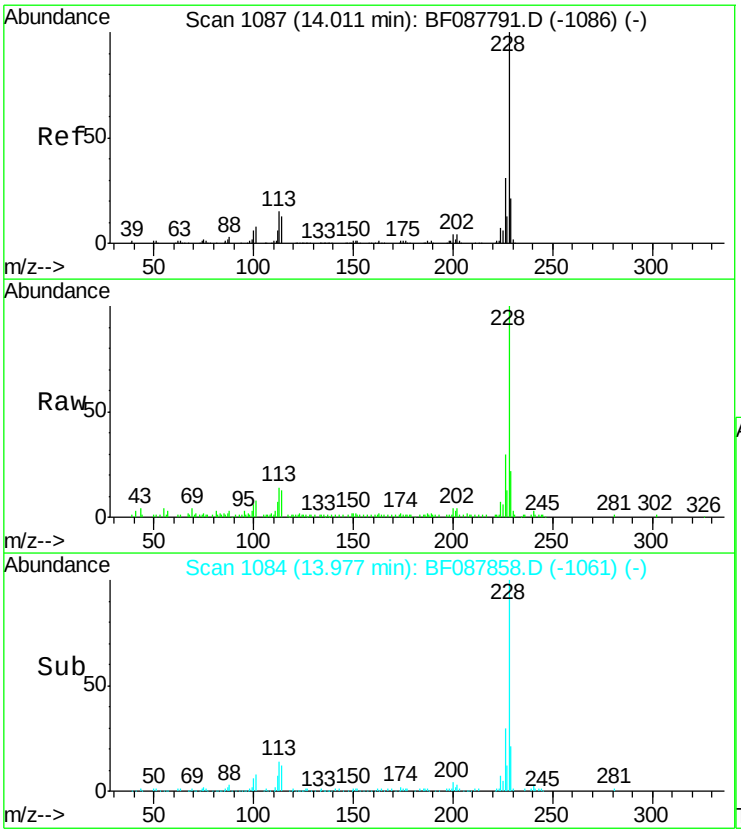
#80
Benzo(a)anthracene
Concen: 6.17 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SS-34

Tgt Ion:228 Resp: 81298

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.3	33.5
229	21.1	16.0	24.0

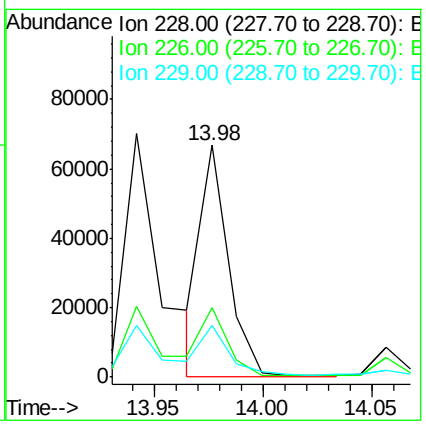


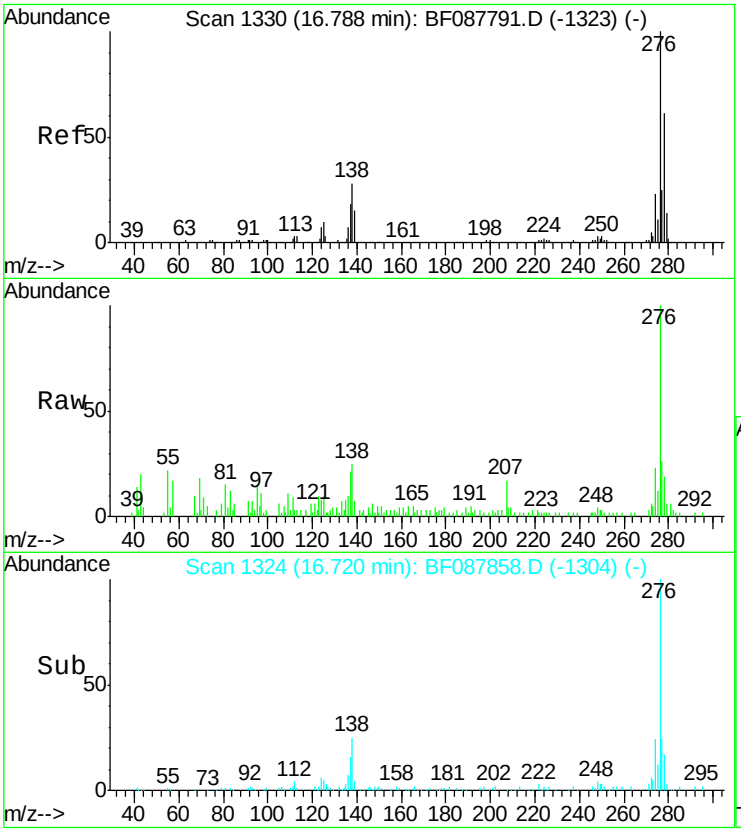


#82
Chrysene
Concen: 4.81 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.03 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Tgt Ion:228 Resp: 59550

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.2
229	22.1	16.3	24.5



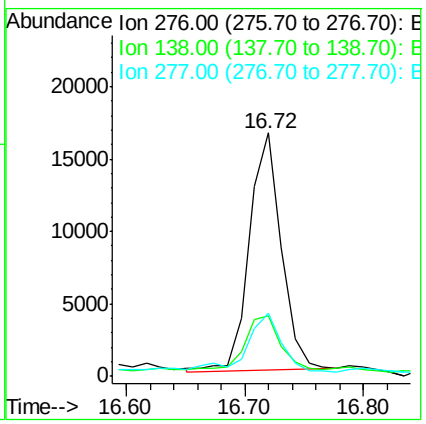


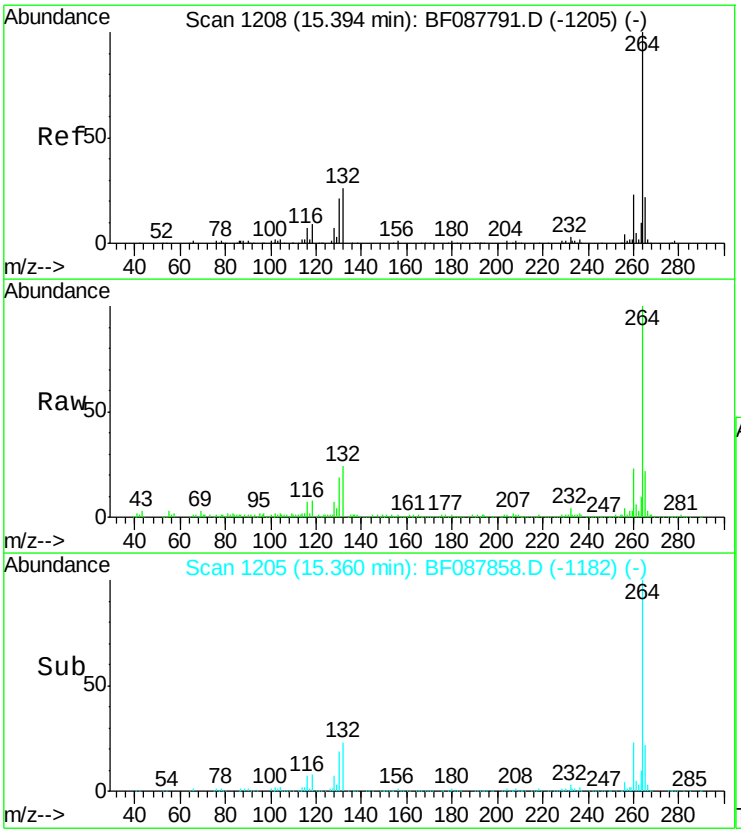
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.68 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.07 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SS-34

Tgt Ion:276 Resp: 30880

Ion	Ratio	Lower	Upper
276	100		
138	26.4	0.0	0.0#
277	34.1	0.0	0.0#

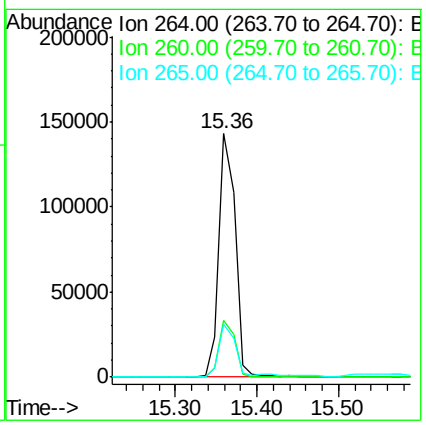


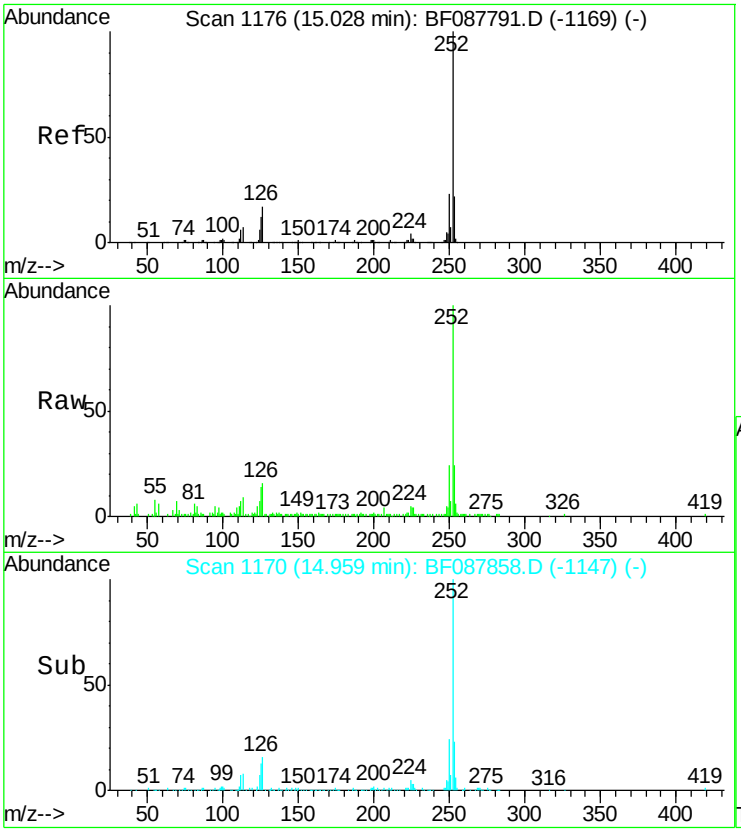


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Tgt Ion:264 Resp: 199033

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	16.9	25.3



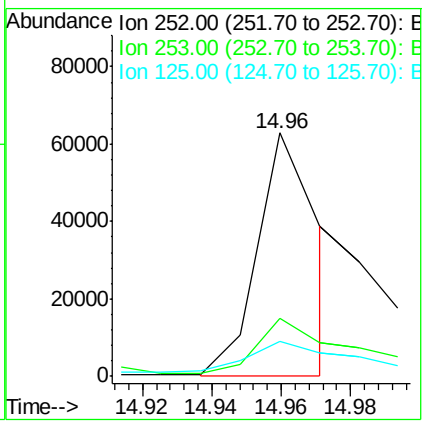


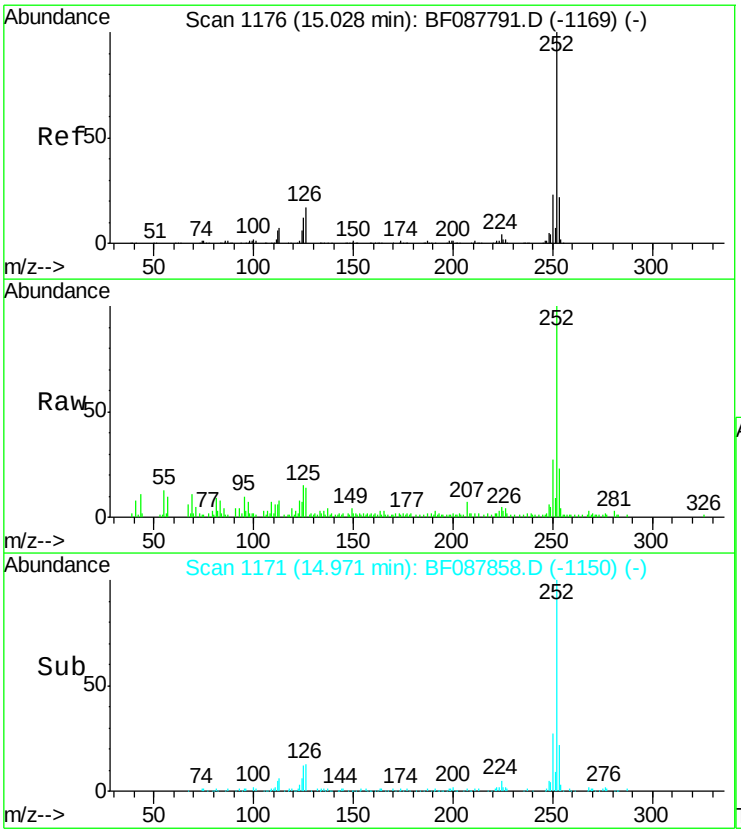
#87
Benzo(b)fluoranthene
Concen: 5.55 ng m
RT: 14.96 min Scan# 1170
Delta R.T. -0.03 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SS-34

Tgt Ion:252 Resp: 76990

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	14.1	7.1	10.7#

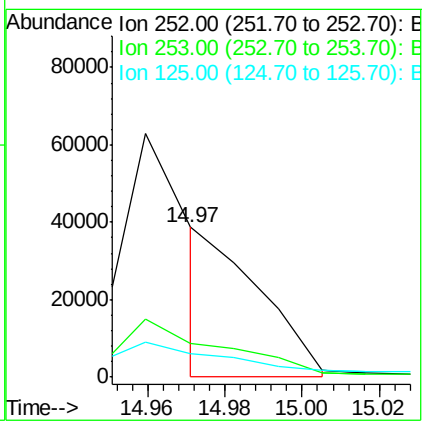


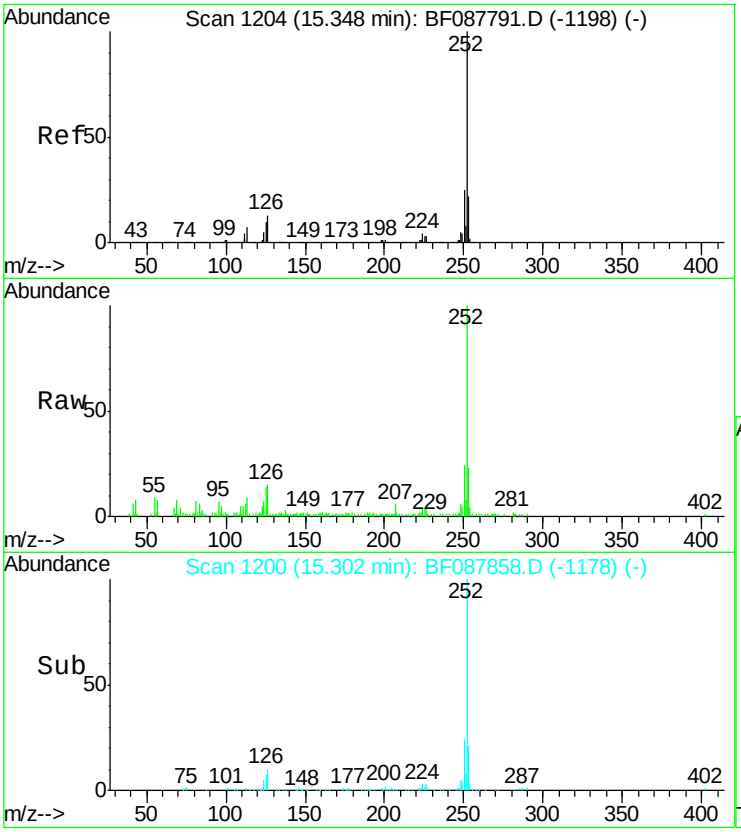


#88
Benzo(k)fluoranthene
Concen: 3.21 ng m
RT: 14.97 min Scan# 1171
Delta R.T. -0.06 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Tgt Ion:252 Resp: 33618

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	15.4	11.2	16.8



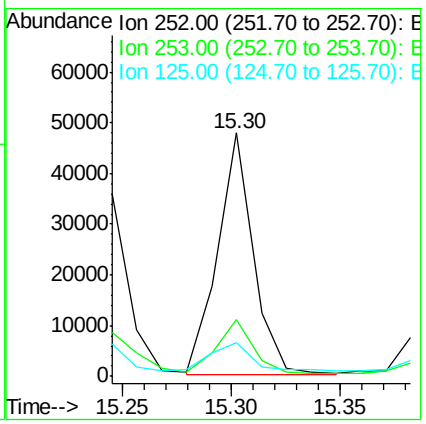


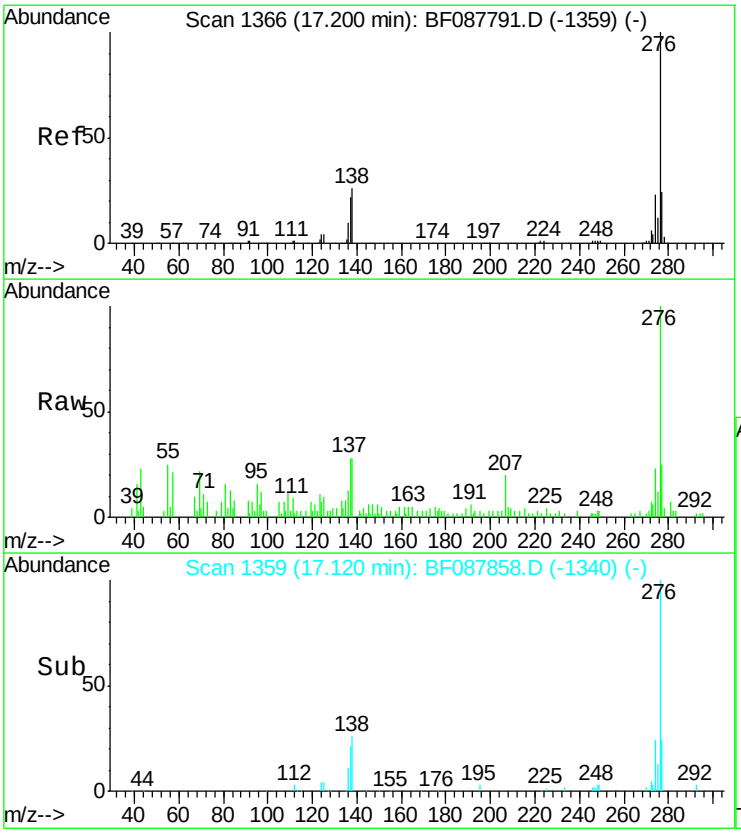
#89
Benzo(a)pyrene
Concen: 4.80 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SS-34

Tgt Ion:252 Resp: 53893

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	13.9	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 2.89 ng
RT: 17.12 min Scan# 1359
Delta R.T. -0.08 min
Lab File: BF087858.D
Acq: 9 Jun 2016 17:57

Tgt Ion:276 Resp: 31027

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.9	28.3
138	28.1	21.4	32.2