Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087823.D
Acq On : 8 Jun 2016 21:47
Operator : UM/SJ
Sample : H3379-12 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-8

Manual Integrations APPROVED
sohil
6/9/2016 8:04:39 PM

Quant Time: Jun 09 04:28:38 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	137663	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	594043	20.00	ng		-0.01
38) Acenaphthene-d10	9.87	164	258423	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	382913	20.00	ng		0.00
75) Chrysene-d12	14.00	240	309898	20.00	ng		0.01
86) Perylene-d12	15.43	264	263739	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	376186	46.72	ng		-0.01
7) Phenol-d6	6.46	99	454848	46.61	ng		-0.02
23) Nitrobenzene-d5	7.39	82	281922	27.71	ng		-0.02
41) 2,4,6-Tribromophenol	10.66	330	98324	36.03	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	506494	27.01	ng		-0.01
78) Terphenyl-d14	12.95	244	340738	25.02	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.59	163	56059	2.99	ng		99
51) Acenaphthene	9.90	154	48402	2.92	ng		97
70) Phenanthrene	11.38	178	633648	31.54	ng		99
71) Anthracene	11.43	178	178872	8.83	ng		98
72) Carbazole	11.59	167	46746	2.46	ng	#	96
74) Fluoranthene	12.57	202	717313	33.83	ng		97
77) Pyrene	12.80	202	634750	27.60	ng		99
80) Benzo(a)anthracene	13.99	228	304878	17.26	ng		99
82) Chrysene	14.02	228	249950	15.04	ng		96
85) Indeno(1,2,3-cd)pyrene	16.81	276	96838	6.27	ng	#	100
87) Benzo(b)fluoranthene	15.02	252	277716m	15.11	ng		
88) Benzo(k)fluoranthene	15.04	252	87283m	6.29	ng		
89) Benzo(a)pyrene	15.36	252	191146	12.85	ng		97
91) Benzo(g,h,i)perylene	17.22	276	88052	6.20	ng		98

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

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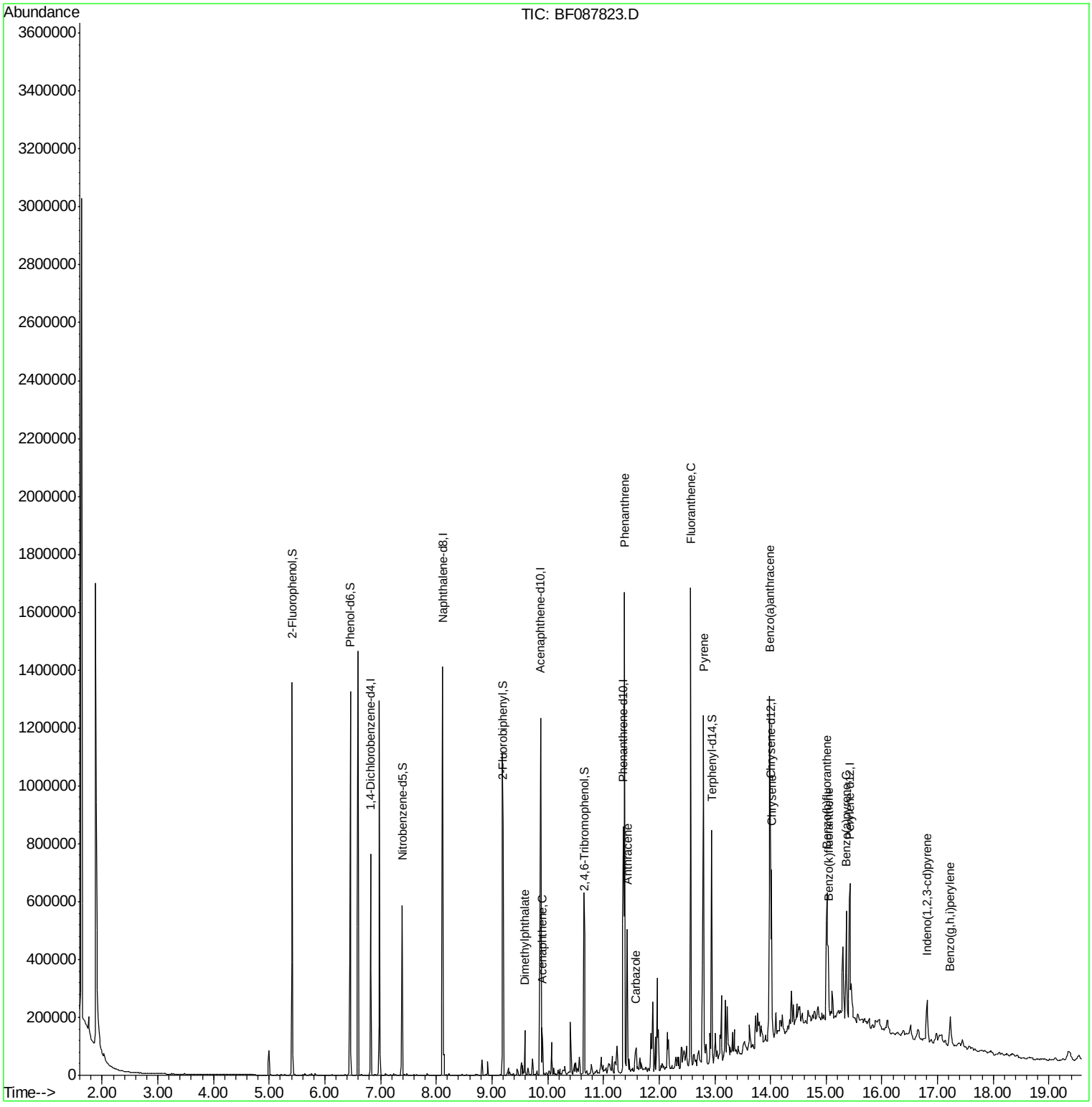
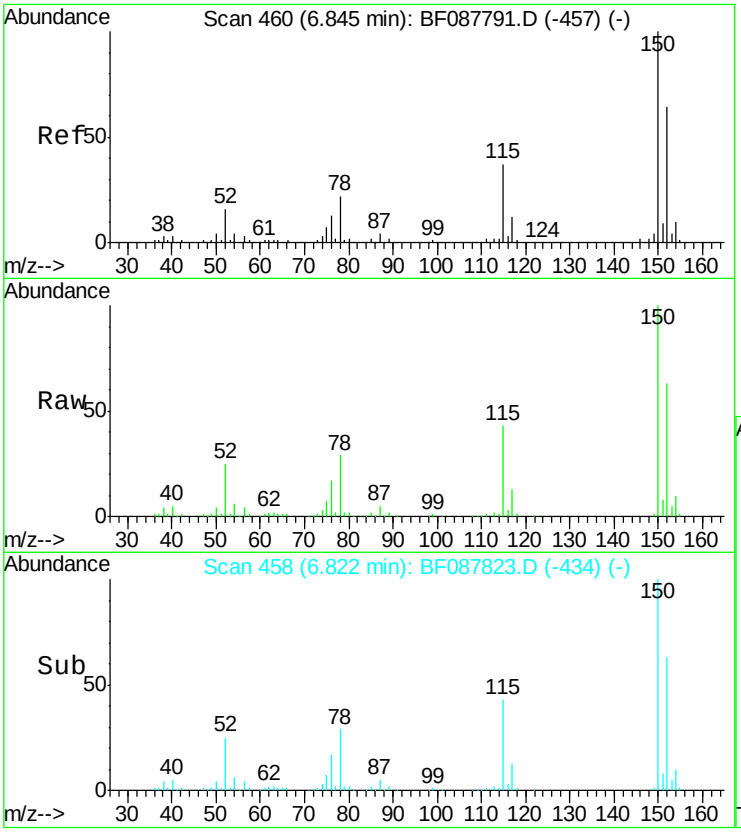
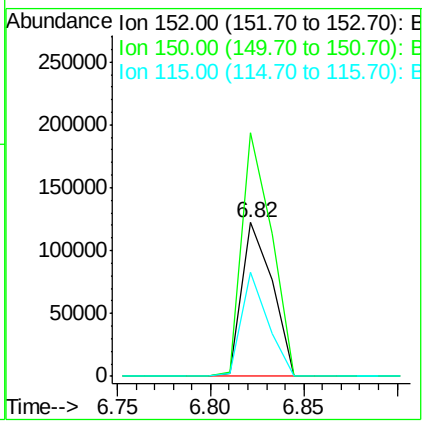




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:152 Resp: 137663

Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.8	185.6
115	67.8	39.6	59.4#



Instrument :
BNA_F
ClientSampleId :
SS-8

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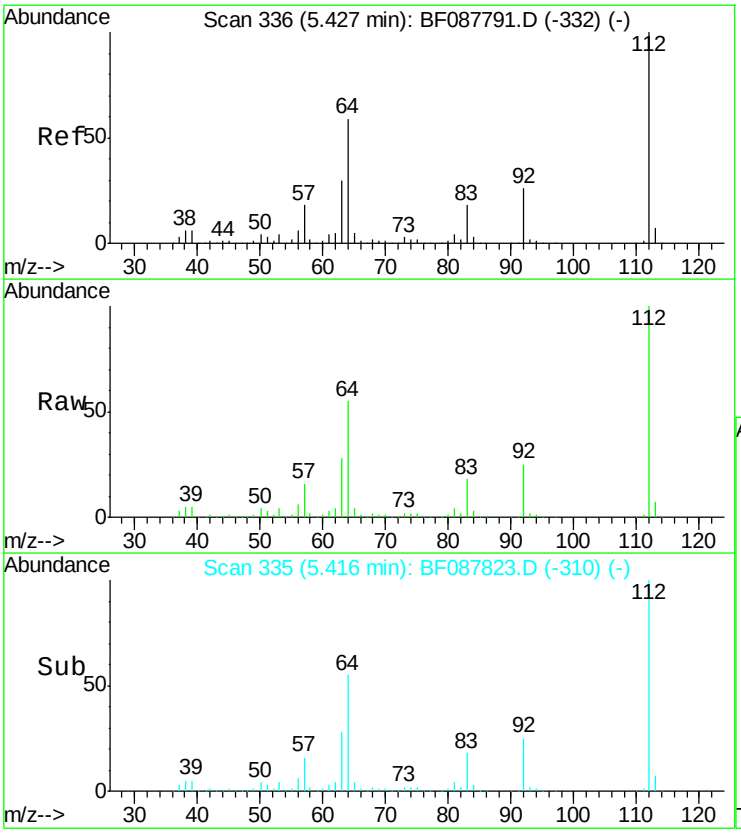
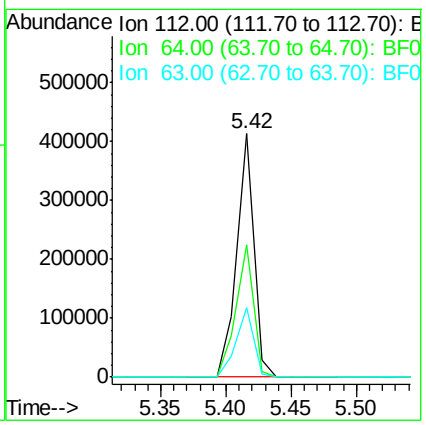
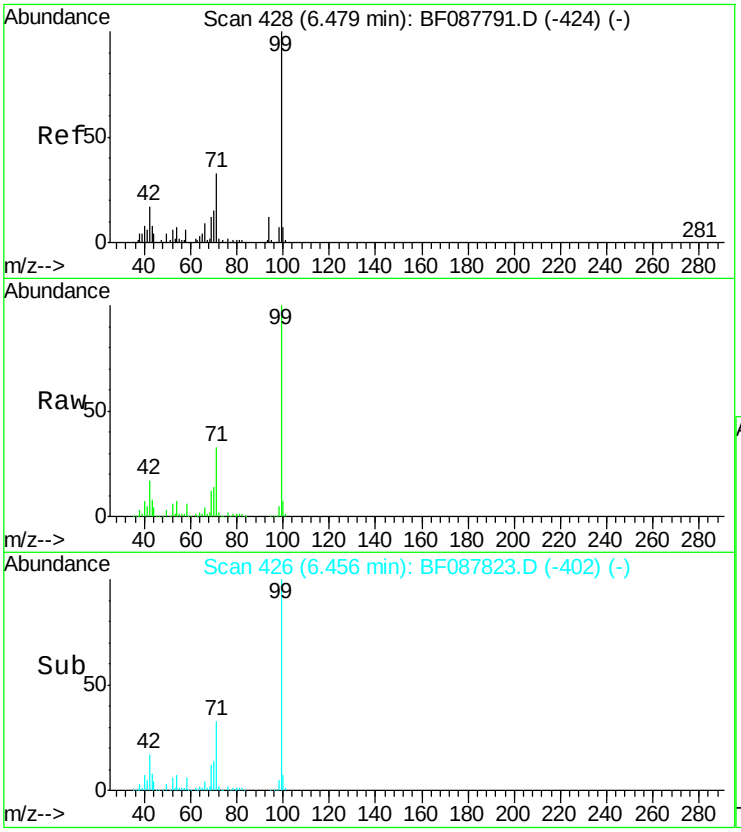


#5
2-Fluorophenol
Concen: 46.72 ng
RT: 5.42 min Scan# 335
Delta R.T. -0.01 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:112 Resp: 376186

Ion	Ratio	Lower	Upper
112	100		
64	54.5	42.2	63.2
63	28.5	21.8	32.8

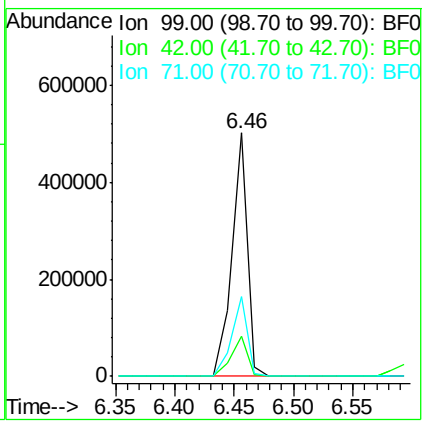




#7
Phenol-d6
Concen: 46.61 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion: 99 Resp: 454848

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.2	18.2
71	33.0	23.4	35.0



Instrument :
BNA_F
ClientSampleId :
SS-8

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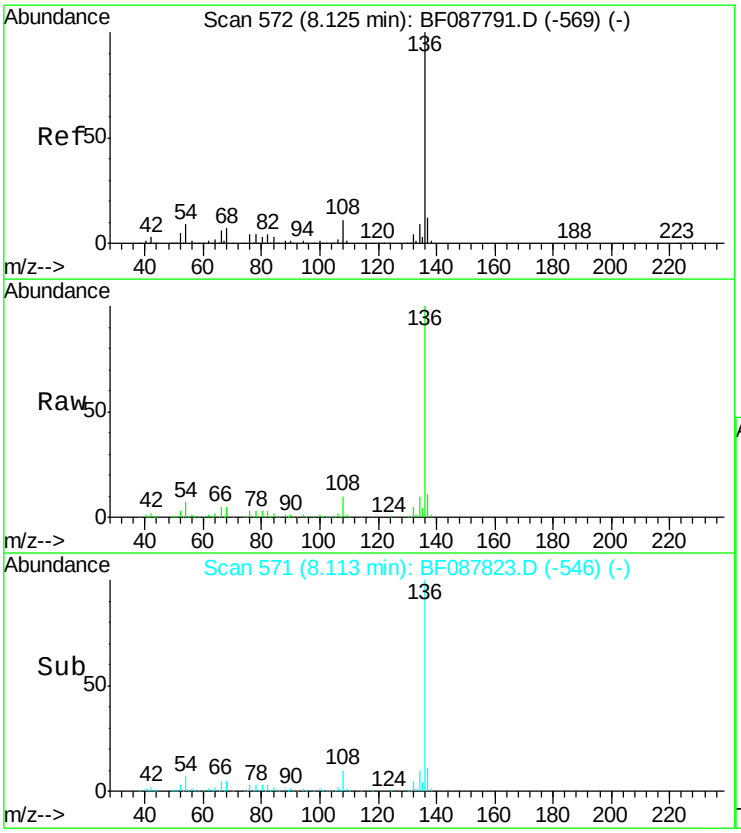
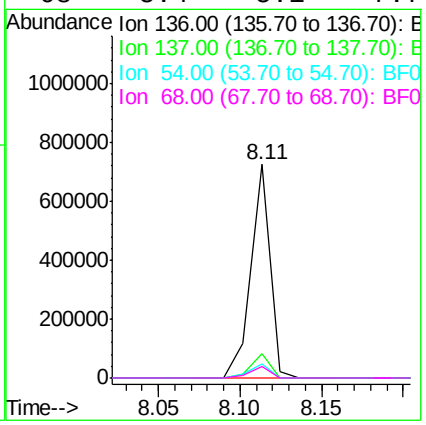
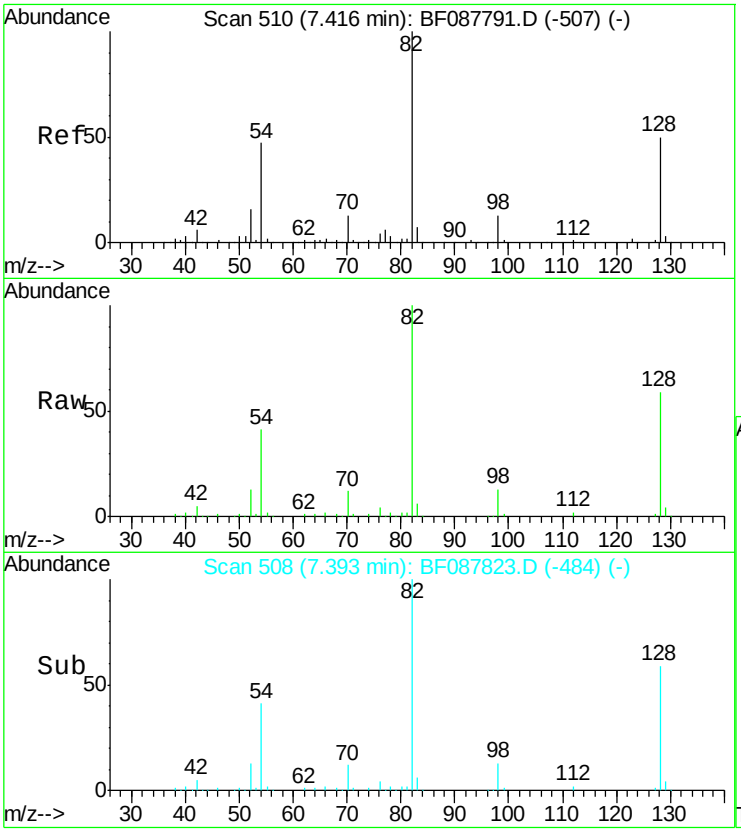


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:136 Resp: 594043

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.7	6.6	10.0
68	5.4	5.1	7.7

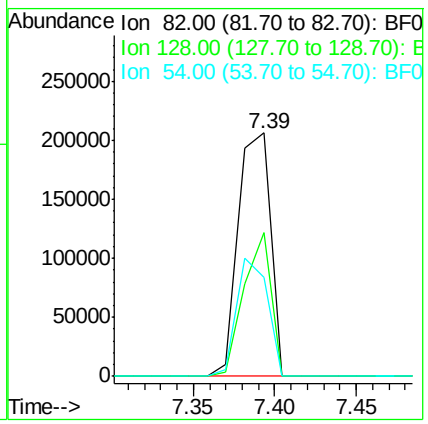




#23
Nitrobenzene-d5
Concen: 27.71 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion: 82 Resp: 281922

Ion	Ratio	Lower	Upper
82	100		
128	59.0	35.9	53.9#
54	40.7	40.9	61.3#



Instrument :
BNA_F
ClientSampleId :
SS-8

Manual Integrations APPROVED
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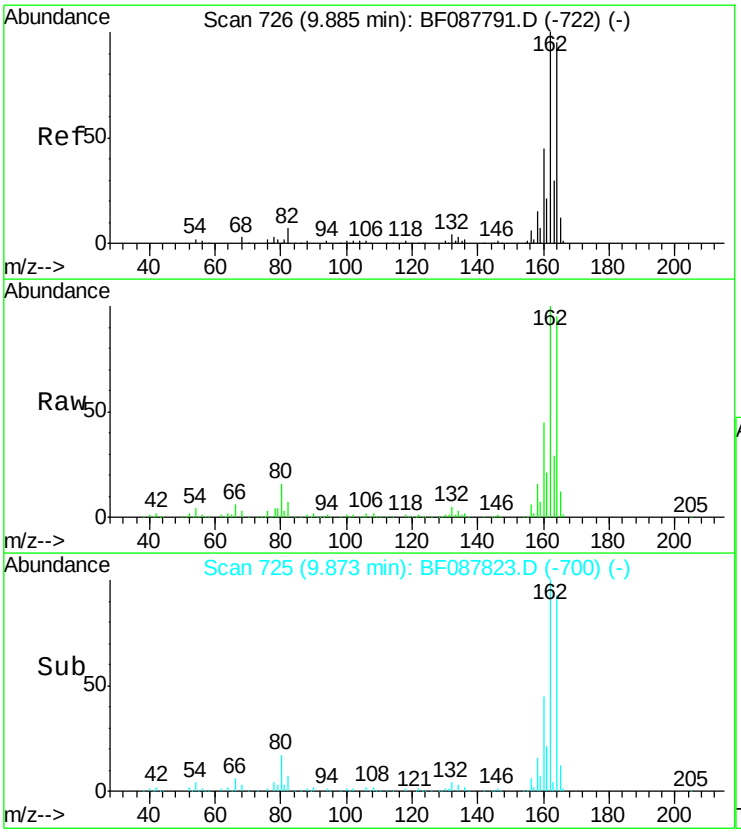
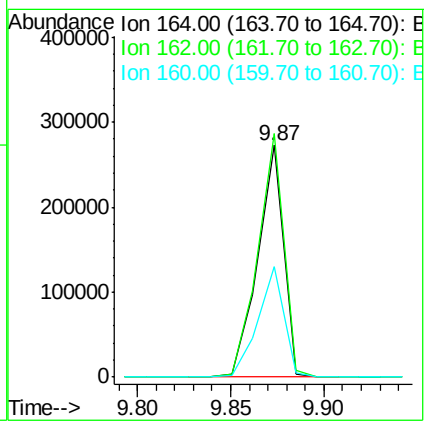
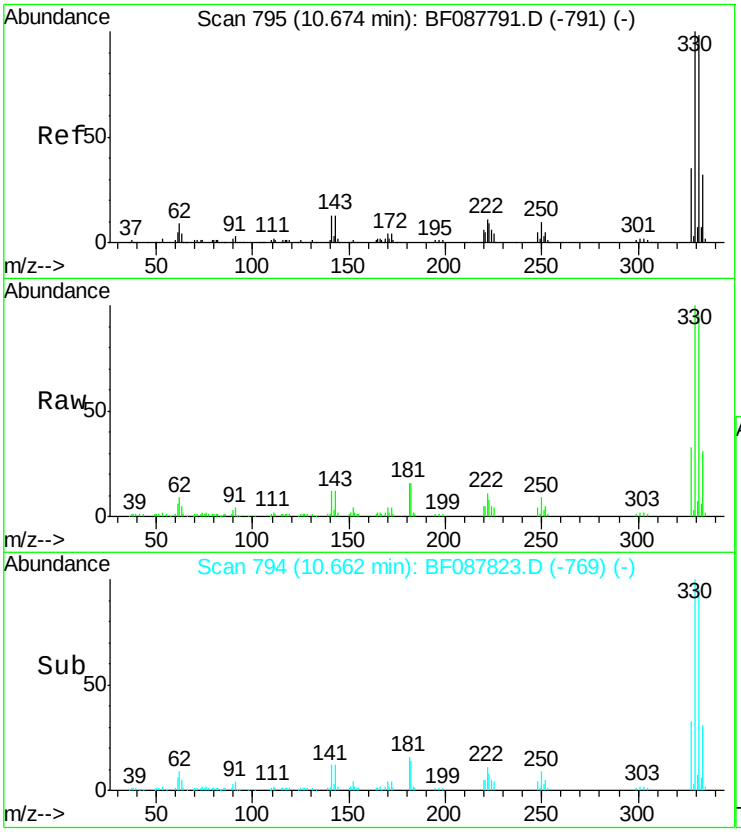


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:164 Resp: 258423

Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.4	128.2
160	47.6	39.5	59.3

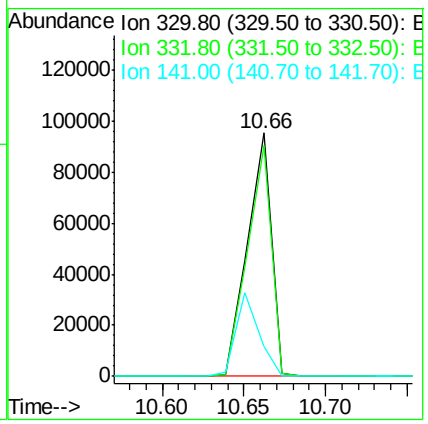




#41
2,4,6-Tribromophenol
Concen: 36.03 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:330 Resp: 98324

Ion	Ratio	Lower	Upper
330	100		
332	94.6	0.0	0.0#
141	32.3	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
SS-8

Manual Integrations APPROVED
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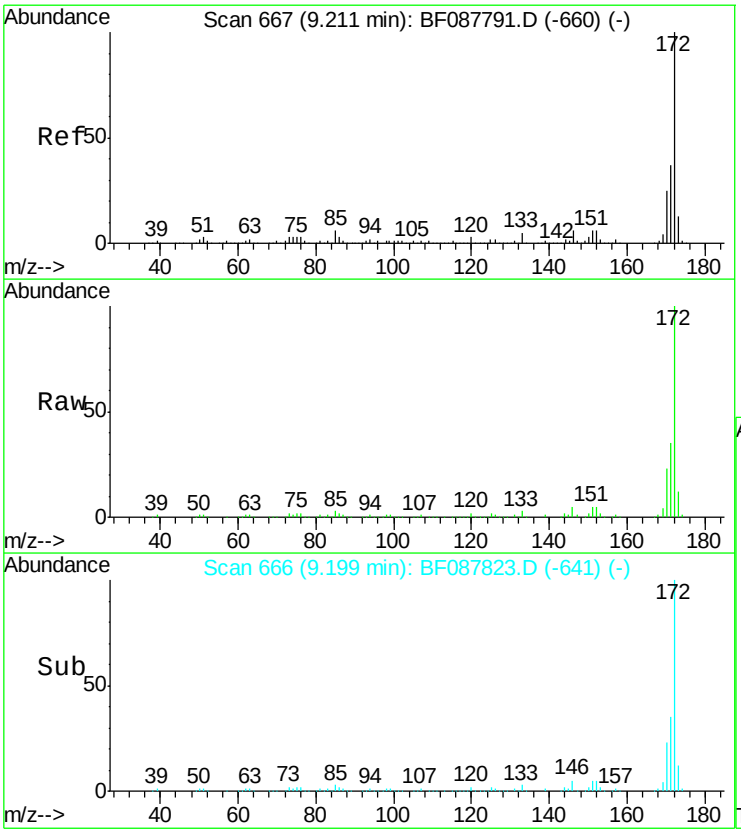
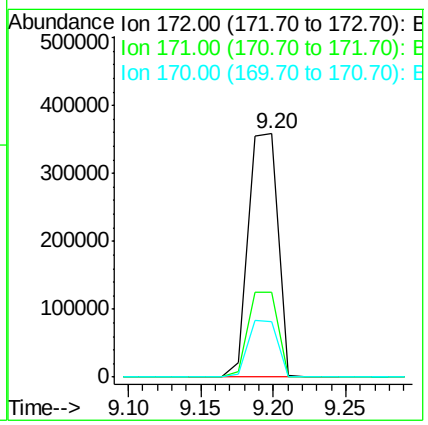
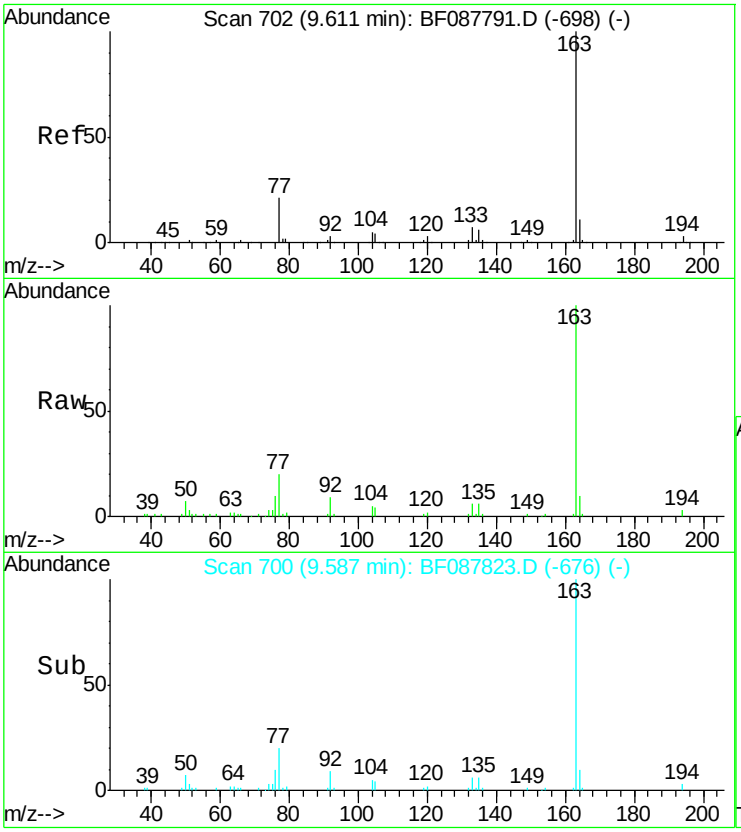


#44
2-Fluorobiphenyl
Concen: 27.01 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:172 Resp: 506494

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	22.9	19.2	28.8

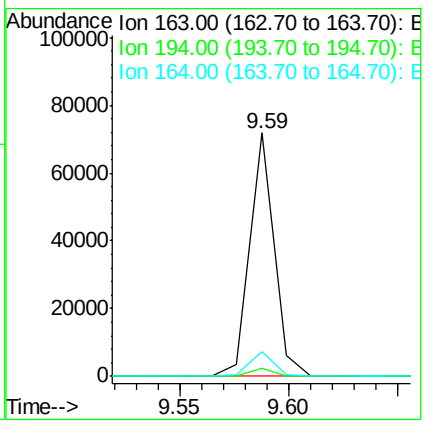




#49
Dimethylphthalate
Concen: 2.99 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:163 Resp: 56059

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.1	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
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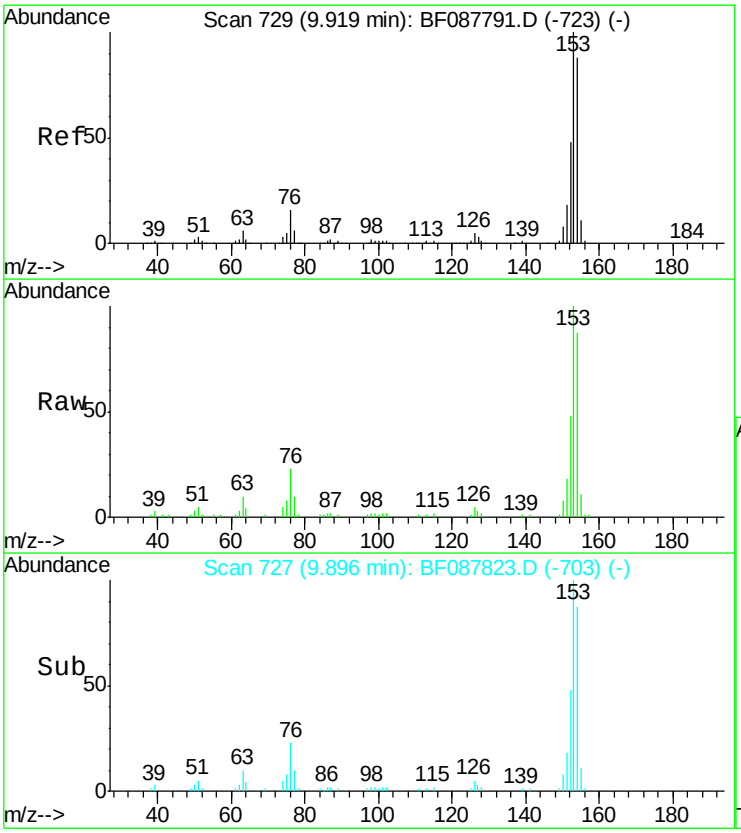
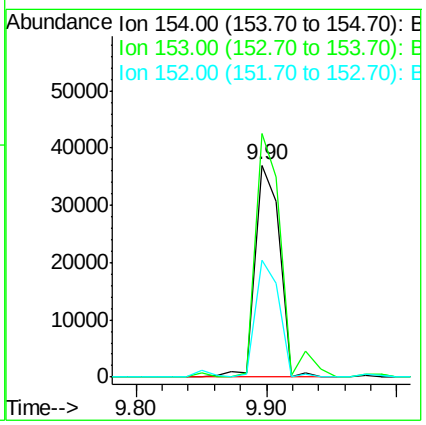
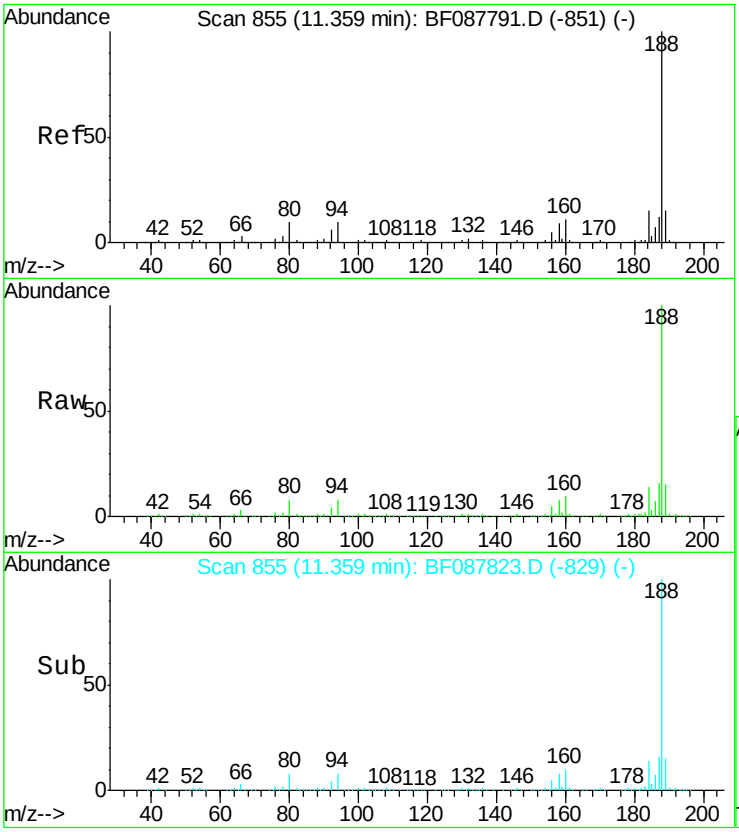


#51
Acenaphthene
Concen: 2.92 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:154 Resp: 48402

Ion	Ratio	Lower	Upper
154	100		
153	115.1	89.5	134.3
152	55.3	42.7	64.1

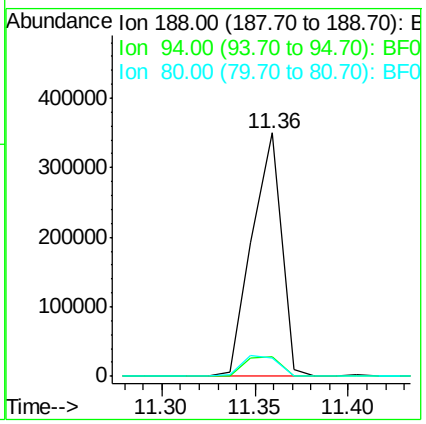




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:188 Resp: 382913

Ion	Ratio	Lower	Upper
188	100		
94	7.8	9.0	13.6#
80	7.7	10.0	15.0#



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ClientSampleId :
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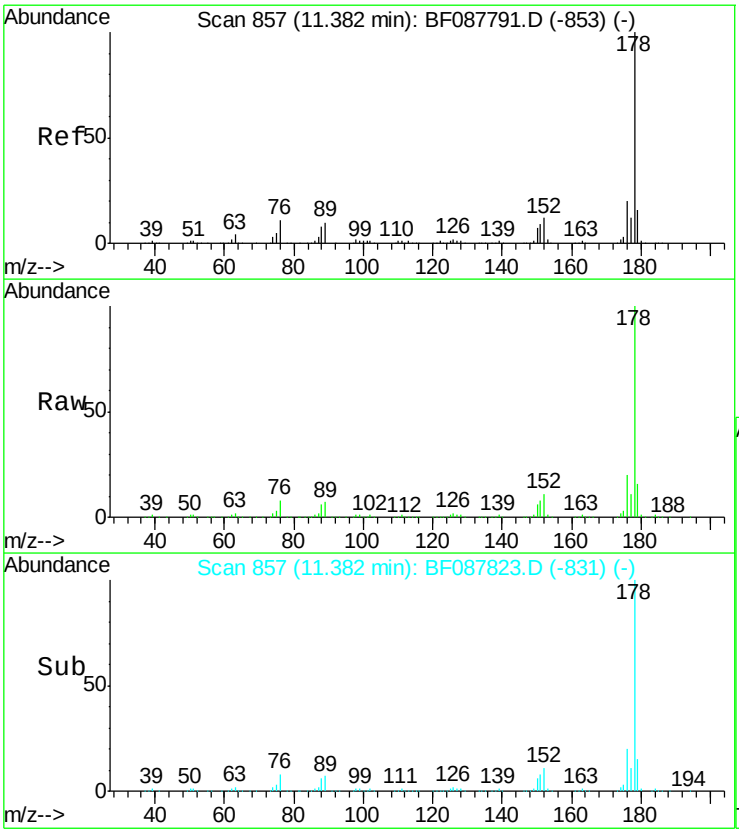
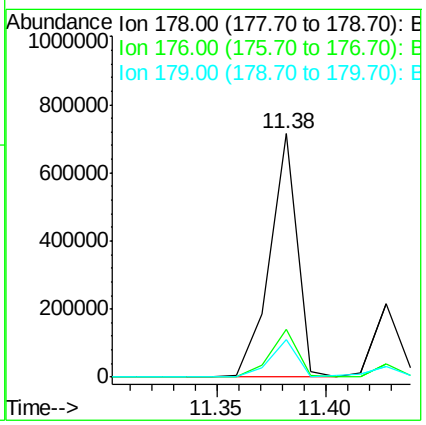
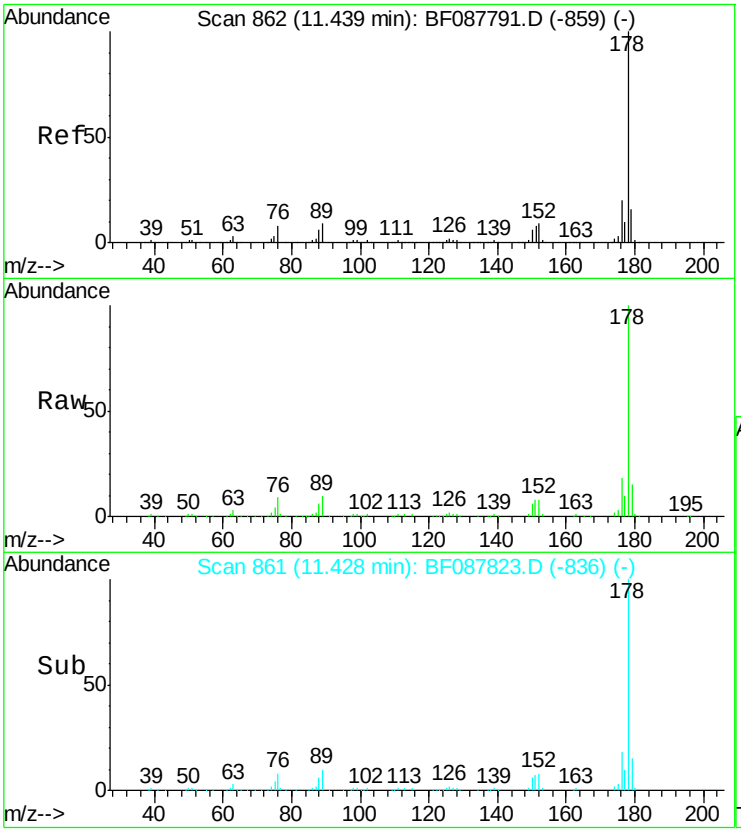


#70
Phenanthrene
Concen: 31.54 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:178 Resp: 633648

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.5	13.0	19.4

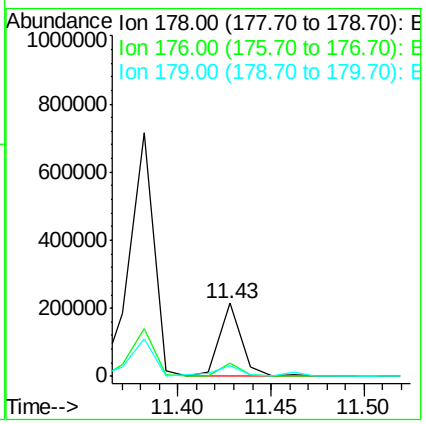




#71
Anthracene
Concen: 8.83 ng
RT: 11.43 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:178 Resp: 178872

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	15.2	12.8	19.2



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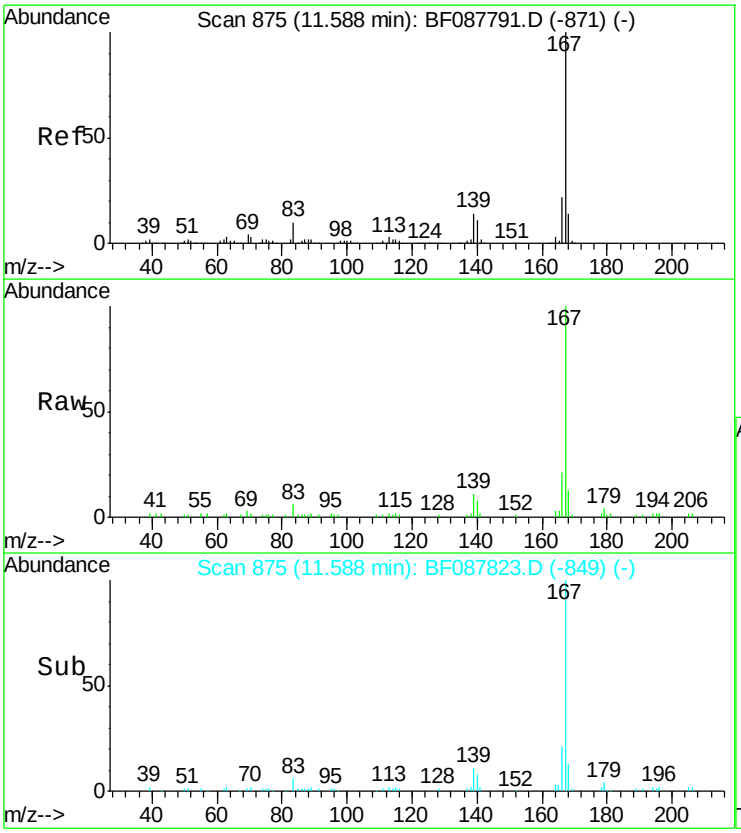
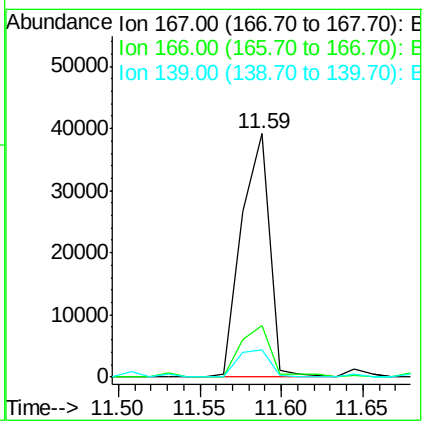
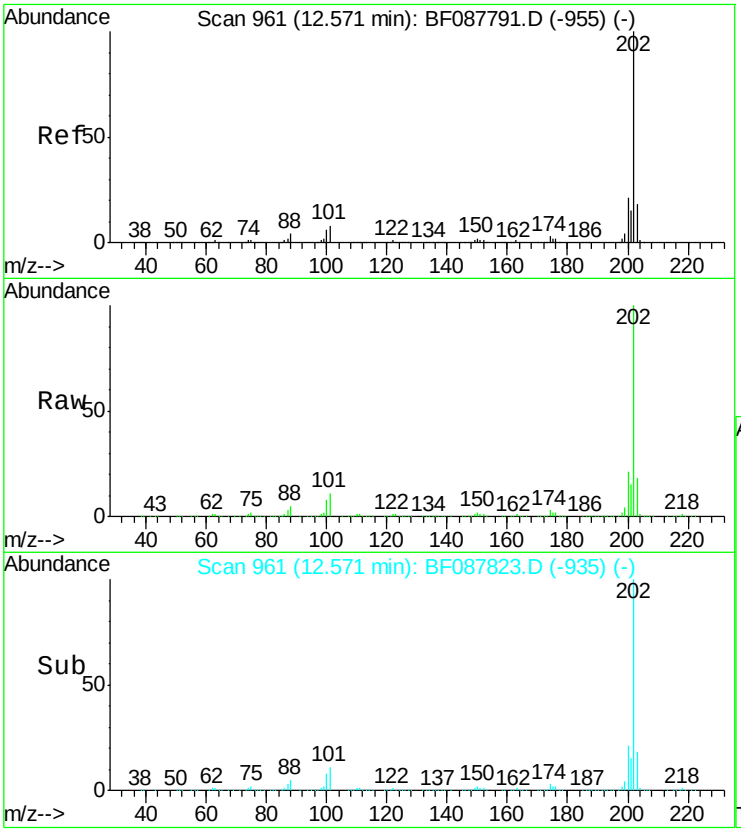


#72
Carbazole
Concen: 2.46 ng
RT: 11.59 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:167 Resp: 46746

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.8	26.6
139	11.1	11.2	16.8#

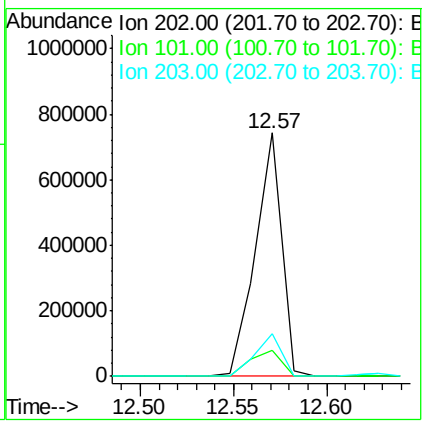




#74
Fluoranthene
Concen: 33.83 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:202 Resp: 717313

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	33.1
203	17.8	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
SS-8

Manual Integrations APPROVED
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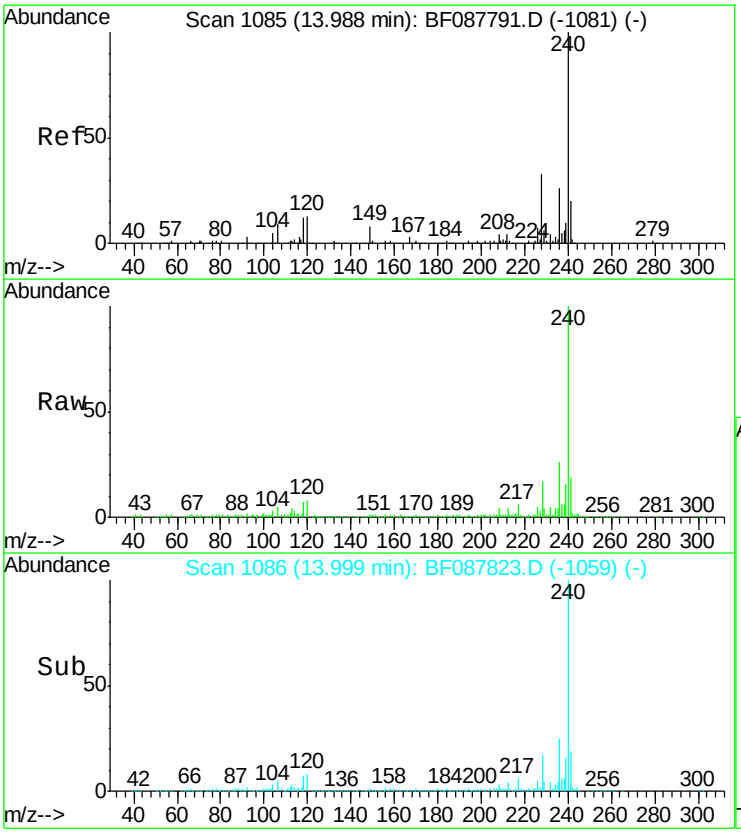
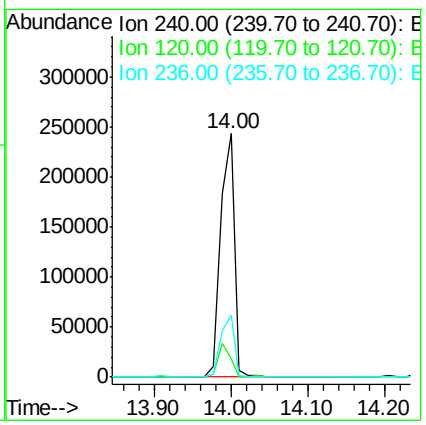
6/9/2016 8:04:39 PM

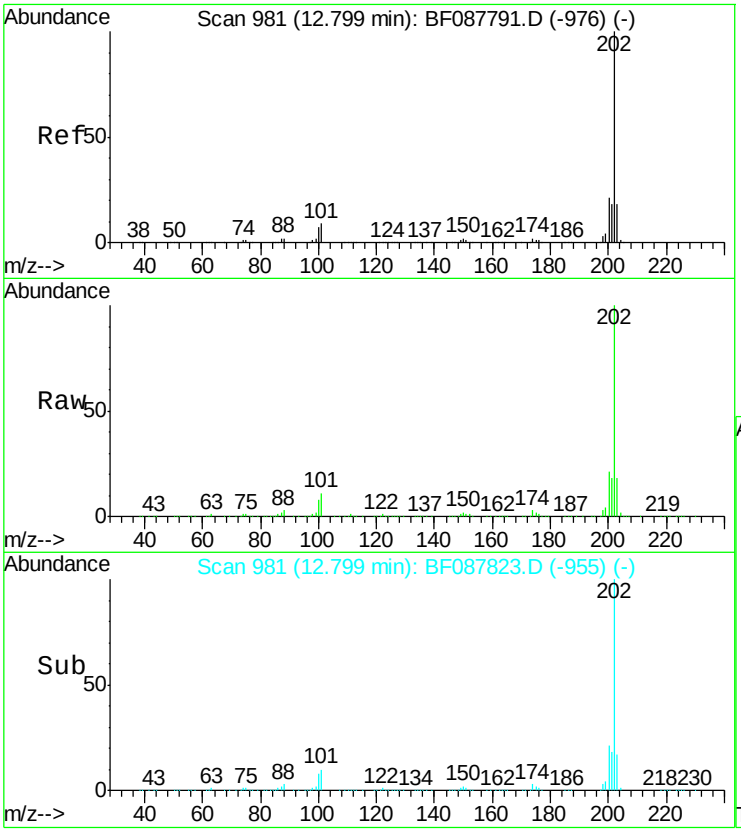


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:240 Resp: 309898

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.8	10.2
236	25.7	20.2	30.2

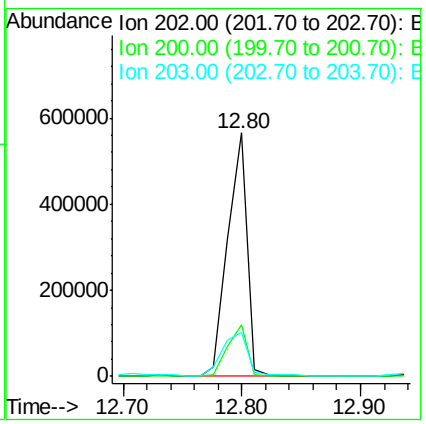




#77
Pyrene
Concen: 27.60 ng
RT: 12.80 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:202 Resp: 634750

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.8	14.5	21.7



Instrument :
BNA_F
ClientSampleId :
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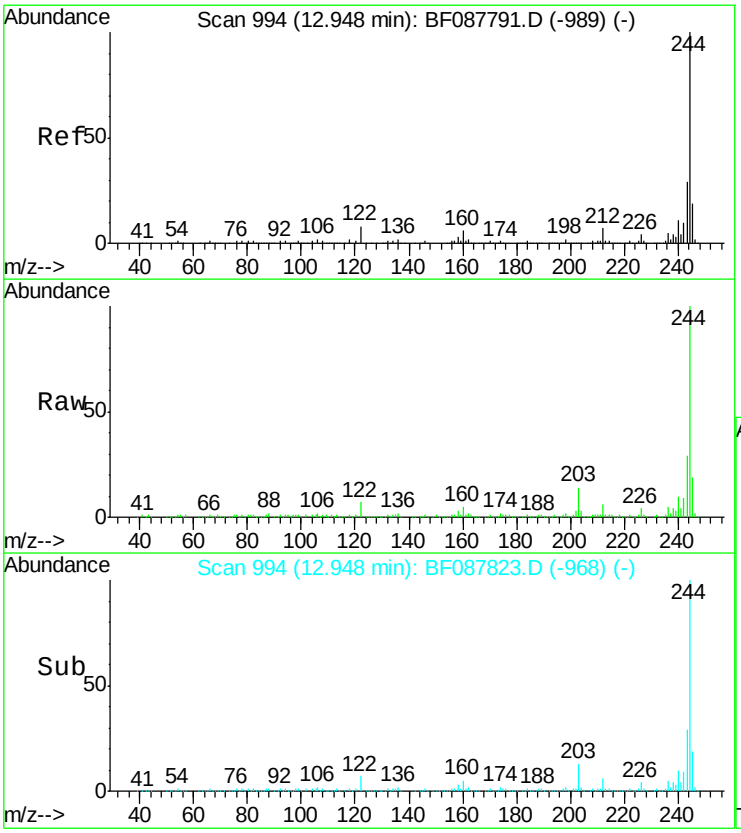
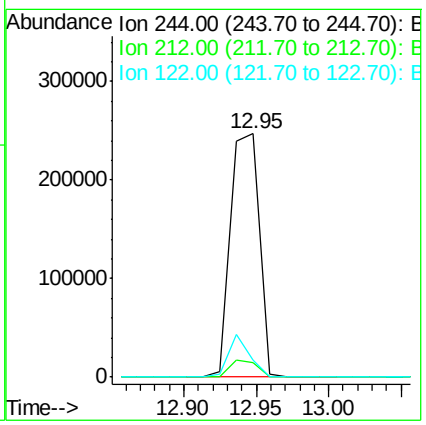
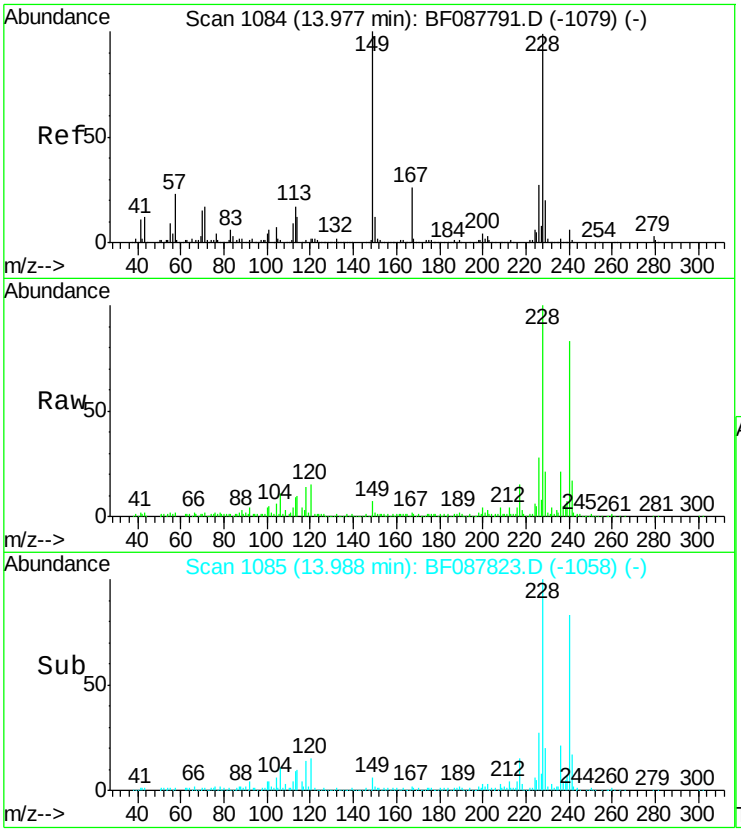


#78
Terphenyl-d14
Concen: 25.02 ng
RT: 12.95 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:244 Resp: 340738

Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.0	9.0
122	7.1	11.2	16.8#

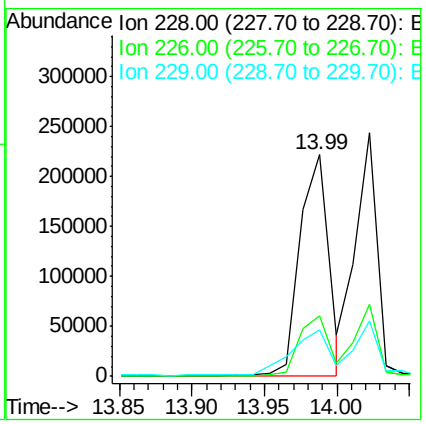




#80
Benzo(a)anthracene
Concen: 17.26 ng
RT: 13.99 min Scan# 1085
Delta R.T. 0.01 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:228 Resp: 304878

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.8	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
SS-8

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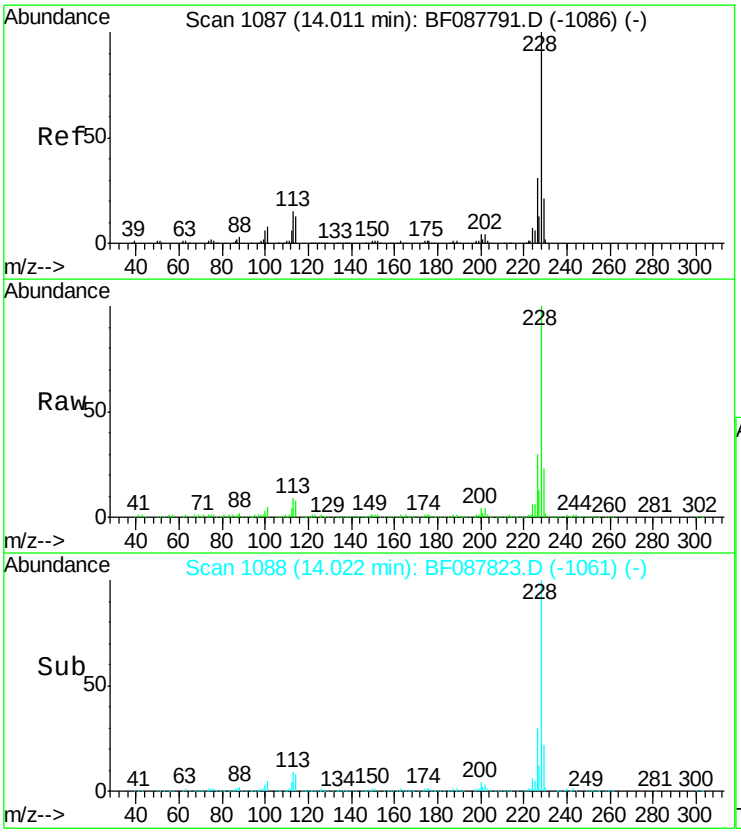
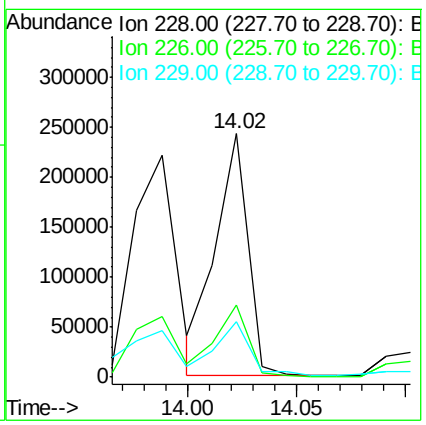
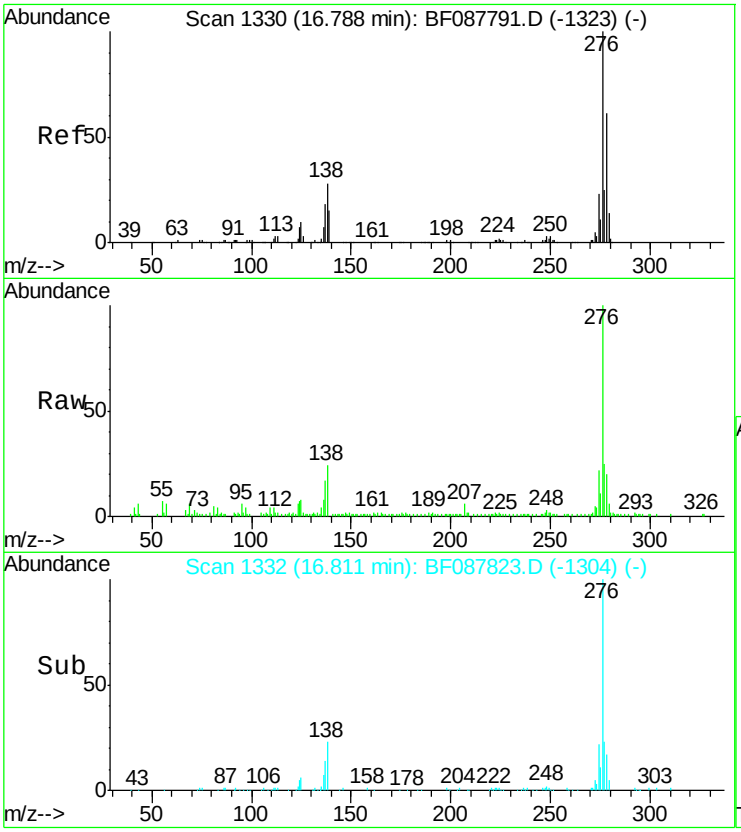


#82
Chrysene
Concen: 15.04 ng
RT: 14.02 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:228 Resp: 249950

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.4	38.2
229	22.6	16.3	24.5

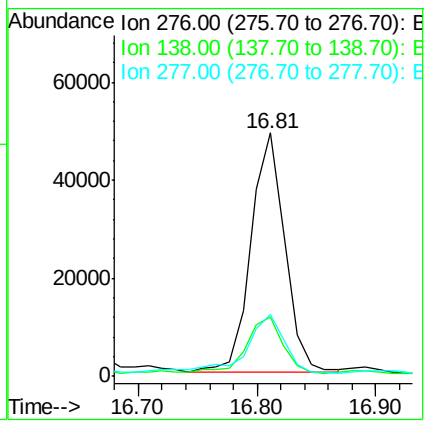




#85
Indeno(1,2,3-cd)pyrene
Concen: 6.27 ng
RT: 16.81 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:276 Resp: 96838

Ion	Ratio	Lower	Upper
276	100		
138	25.6	0.0	0.0#
277	28.8	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
SS-8

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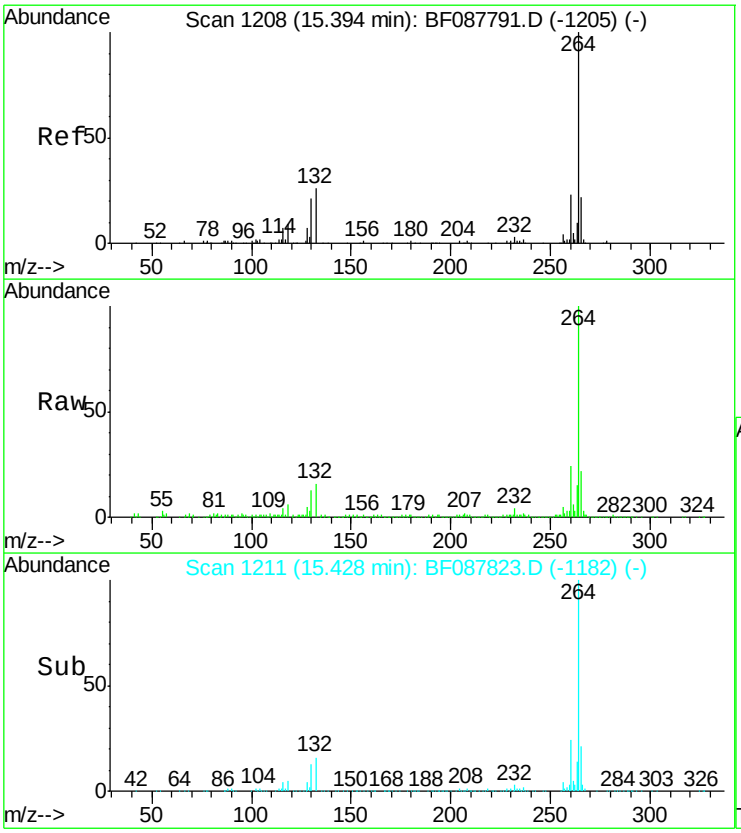
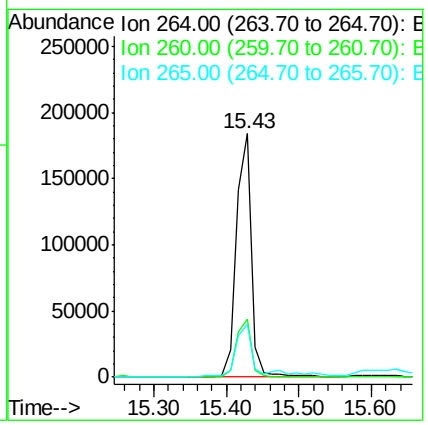
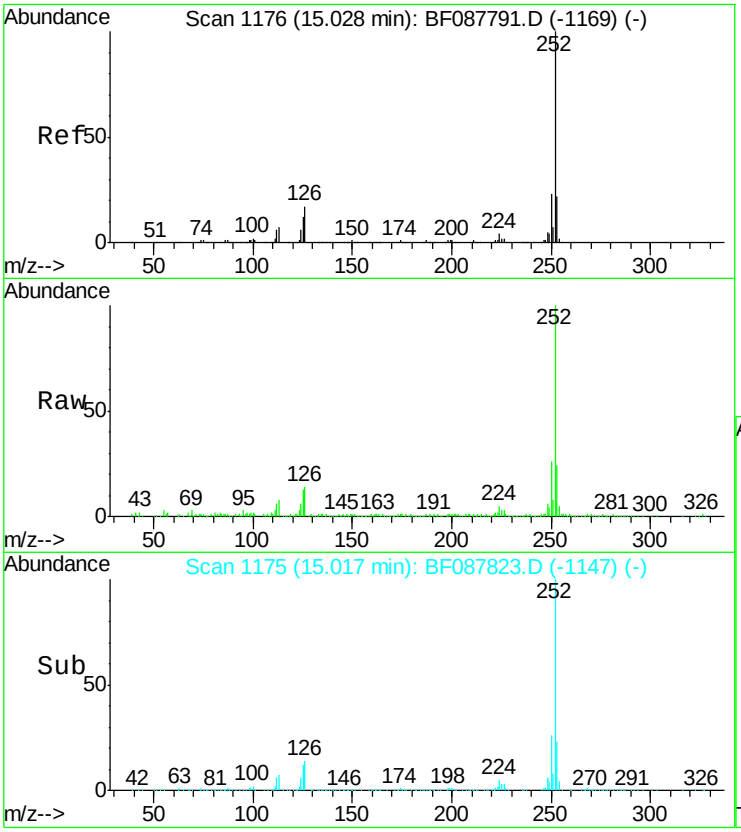


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. 0.03 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:264 Resp: 263739

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	16.9	25.3





#87
Benzo(b)fluoranthene
Concen: 15.11 ng m
RT: 15.02 min Scan# 1175
Delta R.T. 0.02 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:252 Resp: 277716

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	13.2	7.1	10.7#

Instrument :
BNA_F
ClientSampleId :
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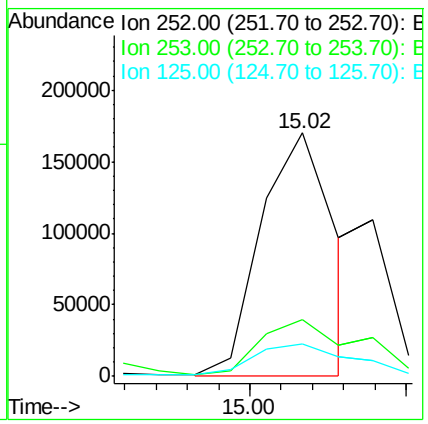
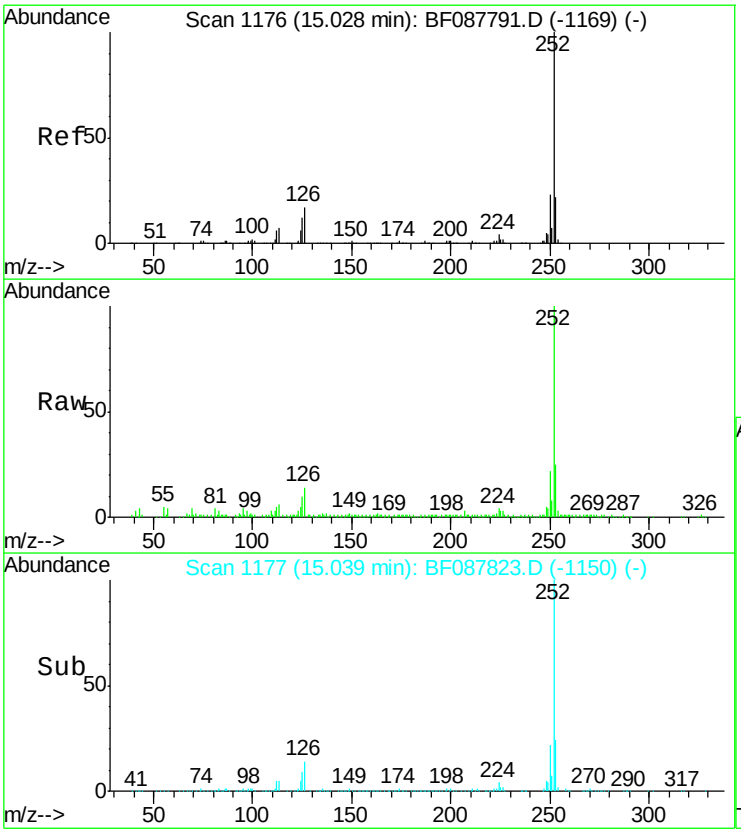
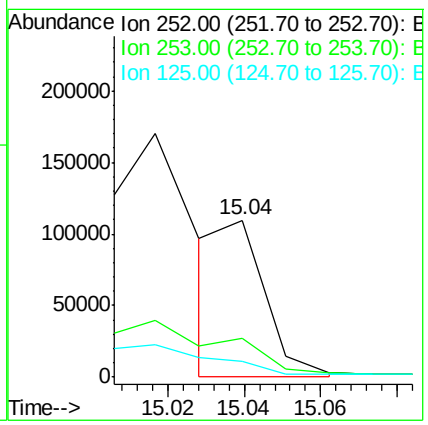


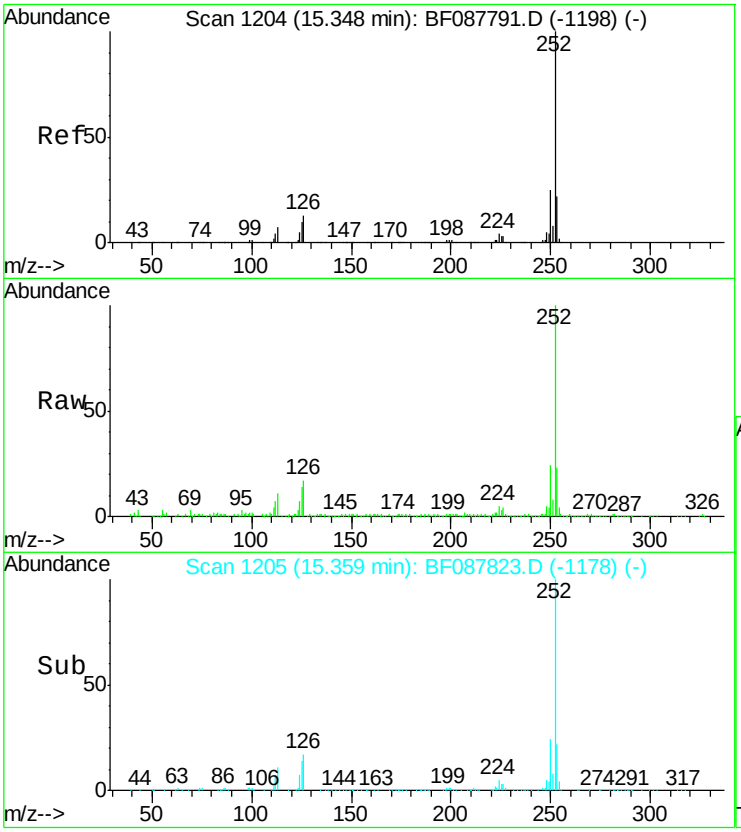


#88
Benzo(k)fluoranthene
Concen: 6.29 ng m
RT: 15.04 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:252 Resp: 87283

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	10.3	11.2	16.8#

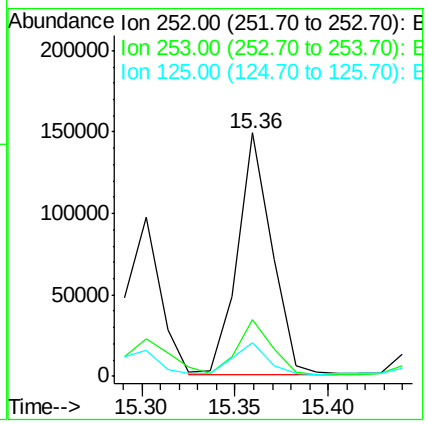




#89
Benzo(a)pyrene
Concen: 12.85 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:252 Resp: 191146

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	14.0	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
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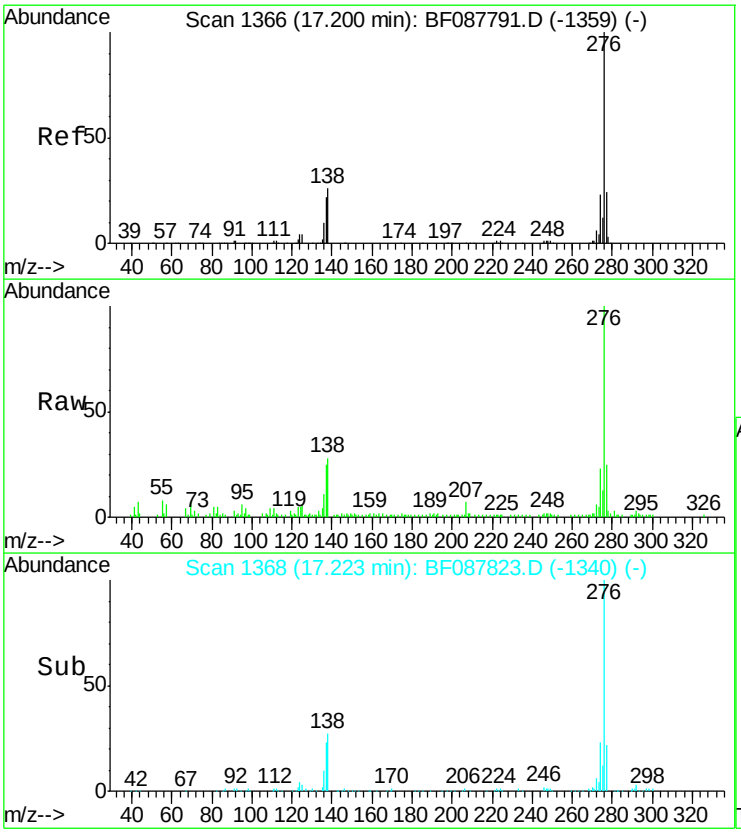

#91
Benzo(g,h,i)perylene
Concen: 6.20 ng
RT: 17.22 min Scan# 1368
Delta R.T. 0.02 min
Lab File: BF087823.D
Acq: 8 Jun 2016 21:47

Tgt Ion:276 Resp: 88052

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	27.7	21.4	32.2