Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078872.D
Acq On : 1 May 2015 3:01
Operator : TP/IZ
Sample : G2044-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-58S

Manual Integrations APPROVED
apatel
5/1/2015 4:44:52 PM

Quant Time: May 01 03:45:58 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 00:31:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	76659	20.00	ng		0.00
21) Naphthalene-d8	8.95	136	314063	20.00	ng		0.00
38) Acenaphthene-d10	11.13	164	147840	20.00	ng		0.00
63) Phenanthrene-d10	12.97	188	282471	20.00	ng		0.00
75) Chrysene-d12	16.26	240	303448	20.00	ng		-0.01
86) Perylene-d12	17.98	264	318766	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	90286	20.27	ng		0.00
7) Phenol-d6	6.91	99	122280	20.77	ng		0.00
23) Nitrobenzene-d5	8.06	82	64336	11.77	ng		0.00
41) 2,4,6-Tribromophenol	12.10	330	28563	17.86	ng		0.00
44) 2-Fluorobiphenyl	10.30	172	127165	11.98	ng		0.00
78) Terphenyl-d14	14.97	244	138001	10.89	ng		0.00
Target Compounds							Qvalue
70) Phenanthrene	13.01	178	147418	9.33	ng		99
71) Anthracene	13.06	178	36949	2.38	ng		100
74) Fluoranthene	14.48	202	263947	16.03	ng		98
77) Pyrene	14.77	202	258826	14.80	ng		99
80) Benzo(a)anthracene	16.25	228	143935	8.66	ng		97
82) Chrysene	16.30	228	111251	6.96	ng		98
85) Indeno(1,2,3-cd)pyrene	19.47	276	93350	4.58	ng	#	100
87) Benzo(b)fluoranthene	17.53	252	160426m	9.19	ng		
88) Benzo(k)fluoranthene	17.54	252	67917m	4.02	ng		
89) Benzo(a)pyrene	17.91	252	130556	8.13	ng	#	97
91) Benzo(g,h,i)perylene	19.92	276	88316	5.16	ng		96

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078872.D
Acq On : 1 May 2015 3:01
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Misc :
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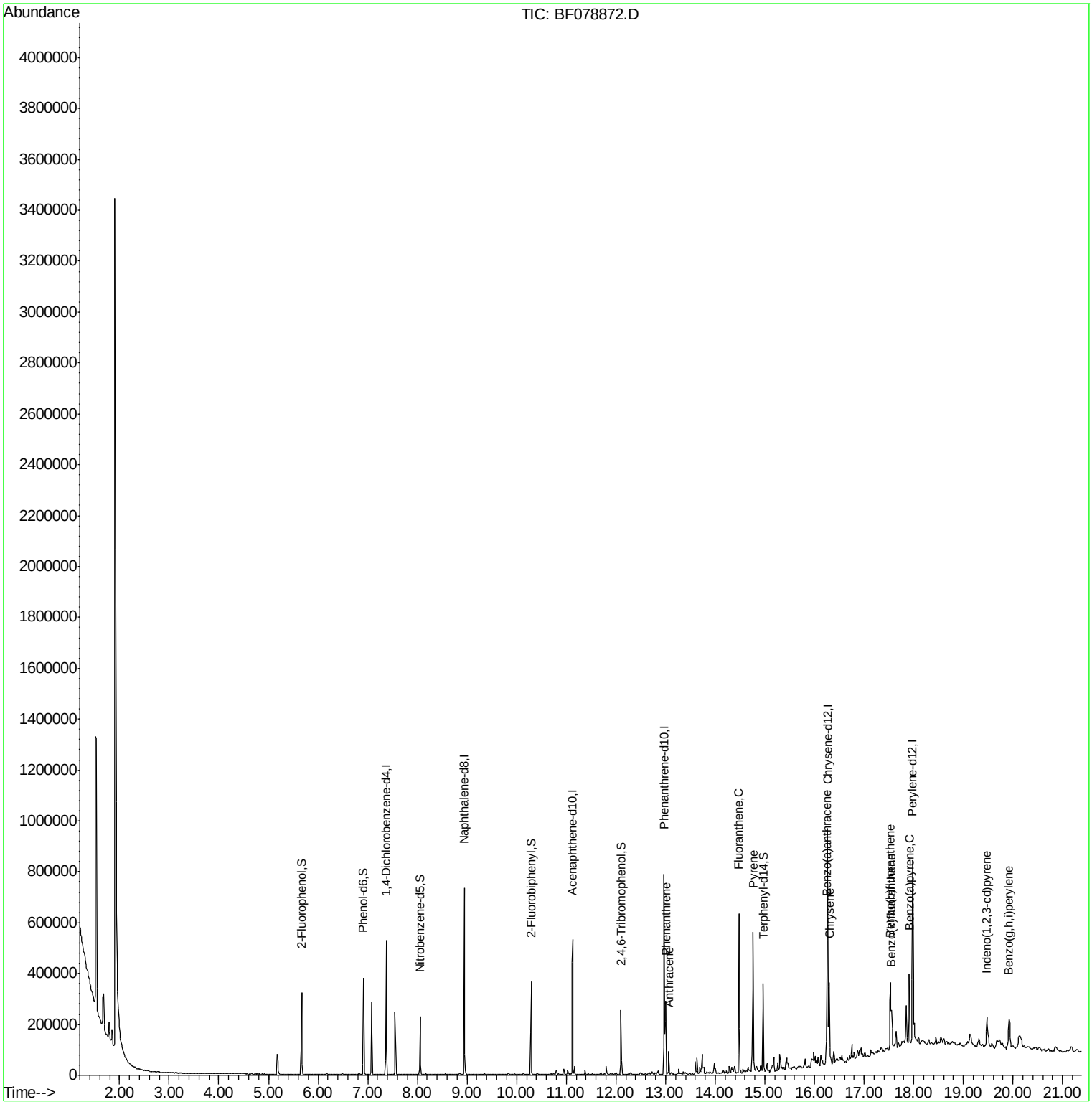
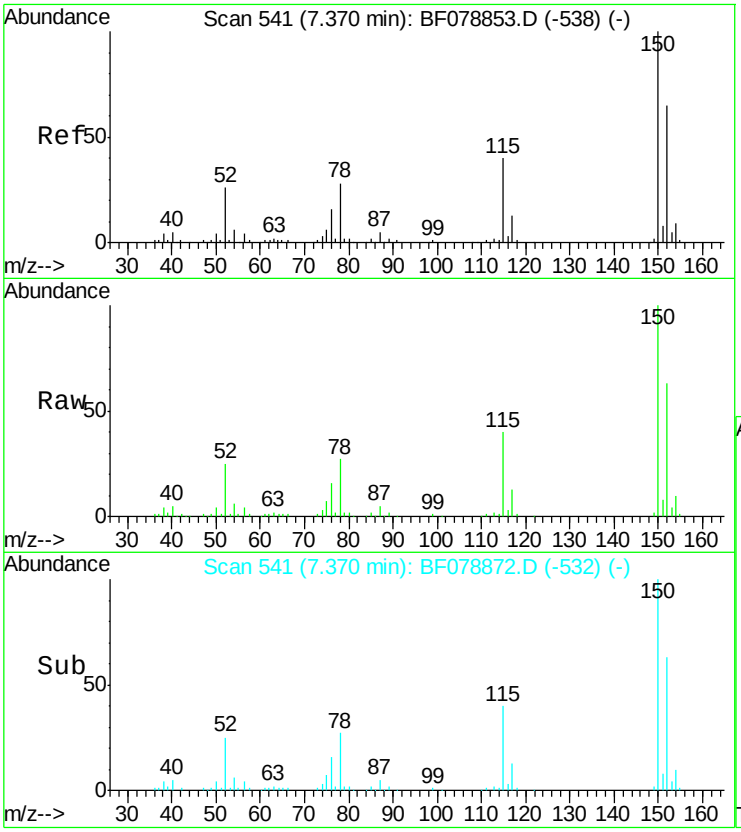
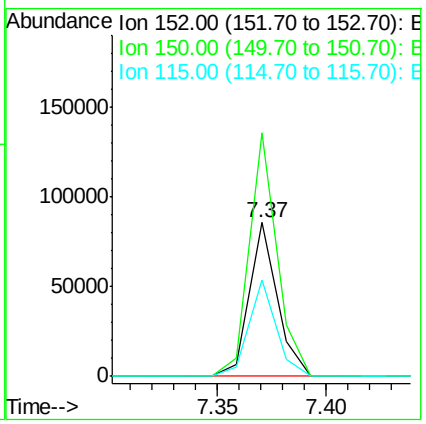




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:152 Resp: 76659

Ion	Ratio	Lower	Upper
152	100		
150	158.5	122.0	183.0
115	63.0	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
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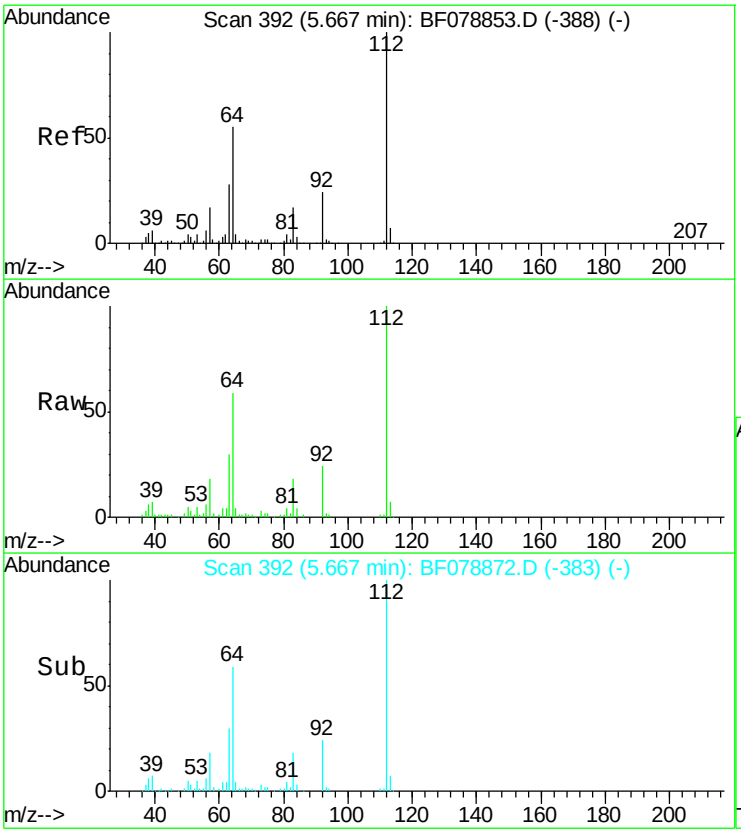
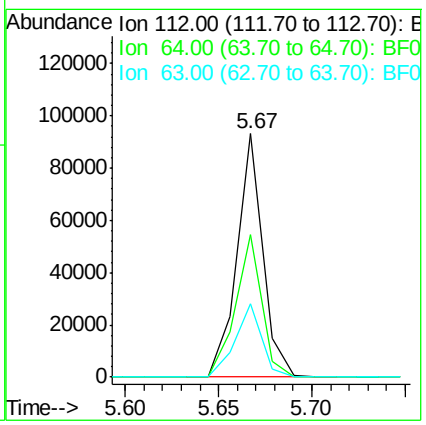
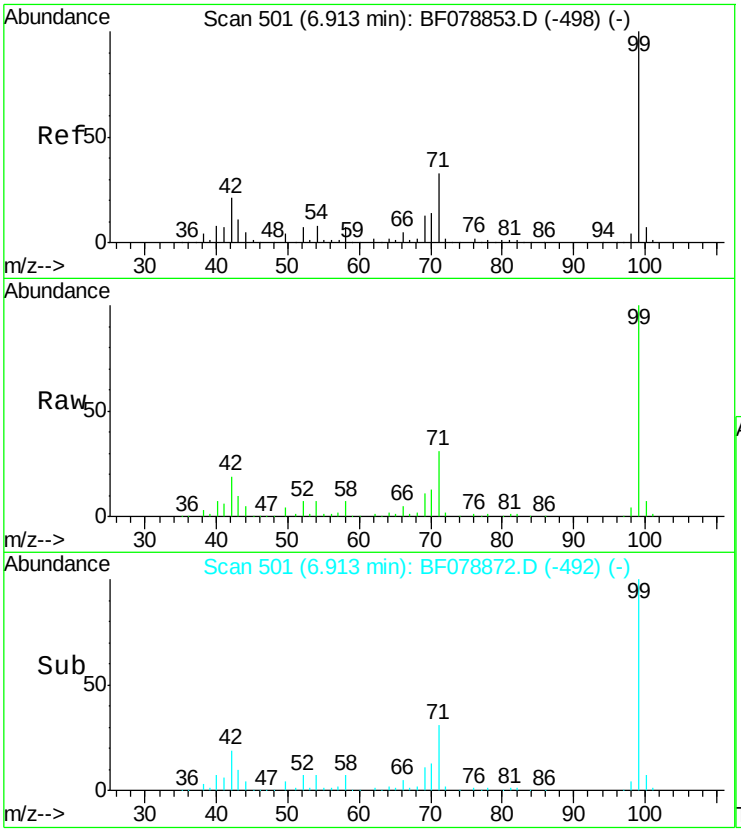


#5
2-Fluorophenol
Concen: 20.27 ng
RT: 5.67 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:112 Resp: 90286

Ion	Ratio	Lower	Upper
112	100		
64	58.7	53.5	80.3
63	30.1	27.5	41.3

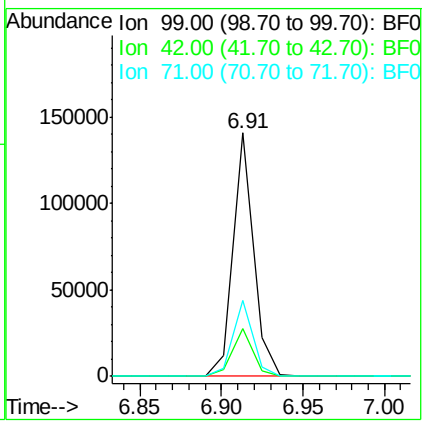




#7
Phenol-d6
Concen: 20.77 ng
RT: 6.91 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion: 99 Resp: 122280

Ion	Ratio	Lower	Upper
99	100		
42	19.4	12.8	19.2#
71	31.1	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
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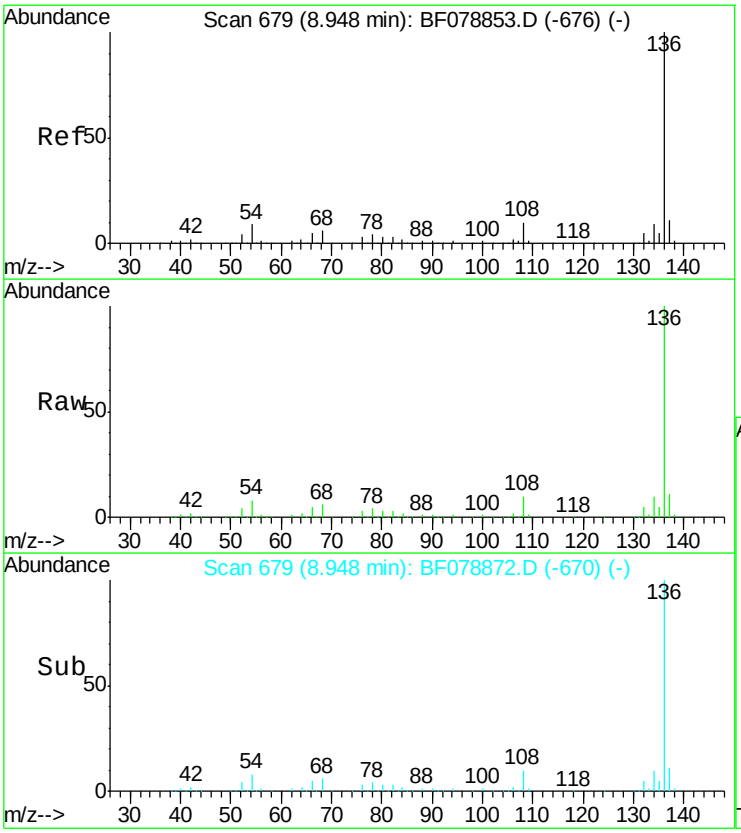
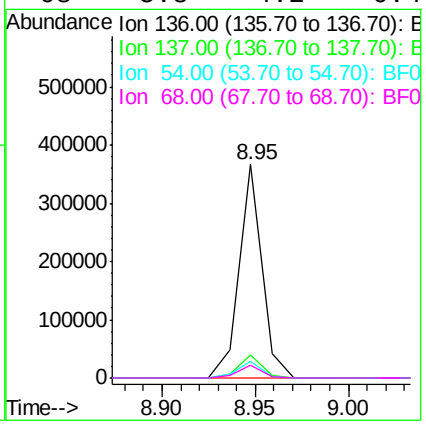
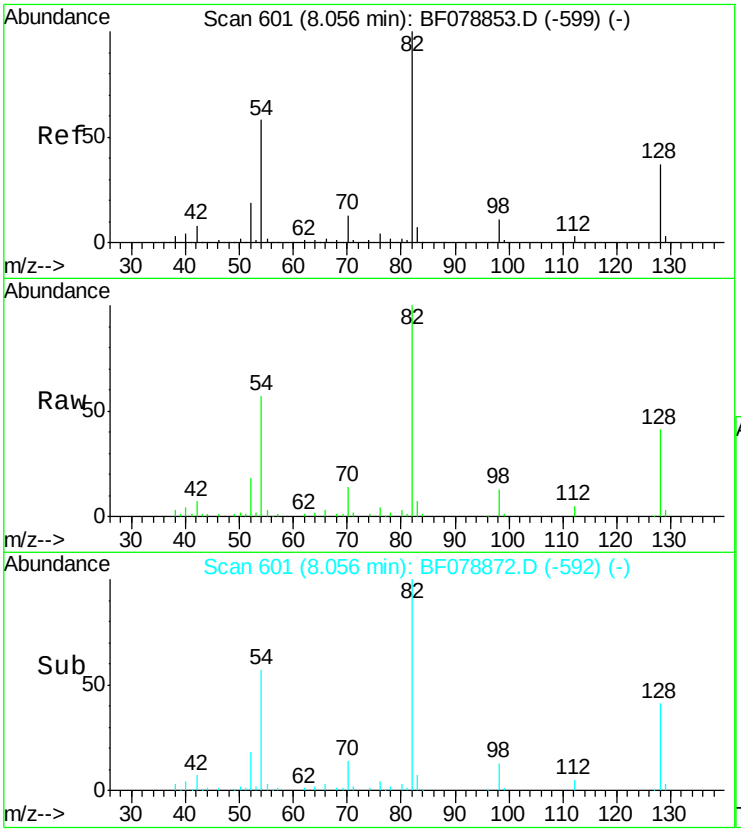


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.95 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:136 Resp: 314063

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.8	5.8	8.8
68	5.8	4.2	6.4

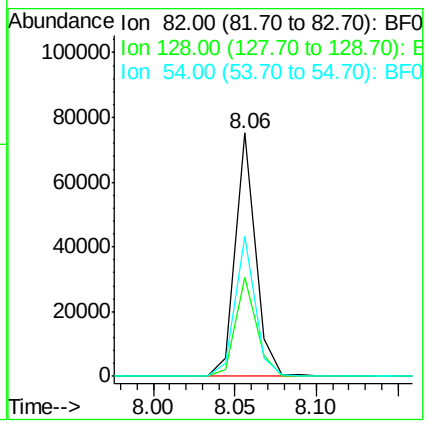




#23
Nitrobenzene-d5
Concen: 11.77 ng
RT: 8.06 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion: 82 Resp: 64336

Ion	Ratio	Lower	Upper
82	100		
128	40.5	30.0	45.0
54	57.3	46.4	69.6



Instrument :
BNA_F
ClientSampleId :
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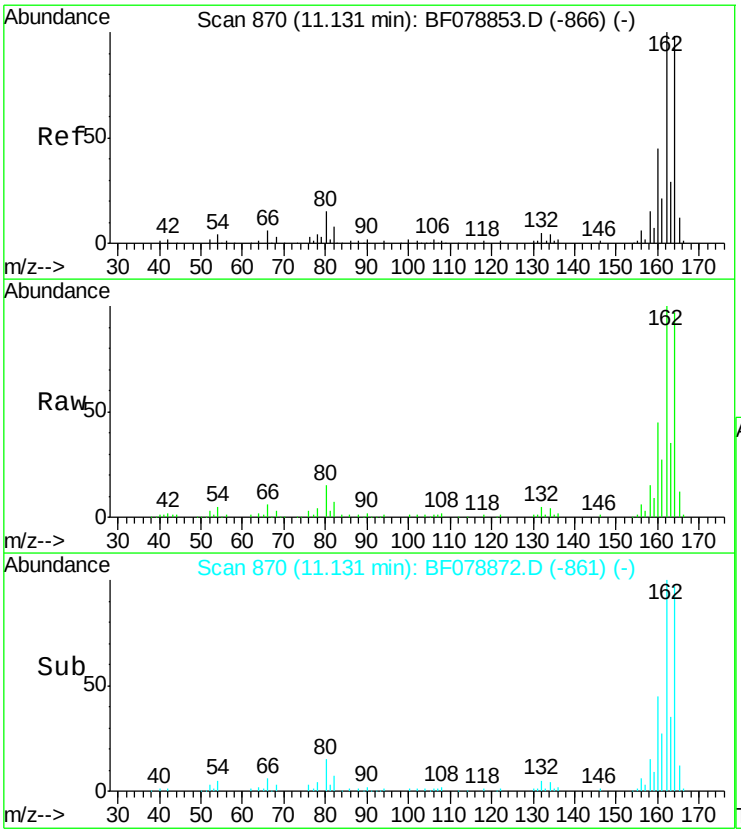
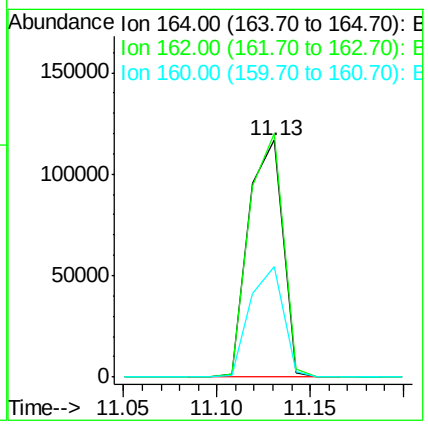
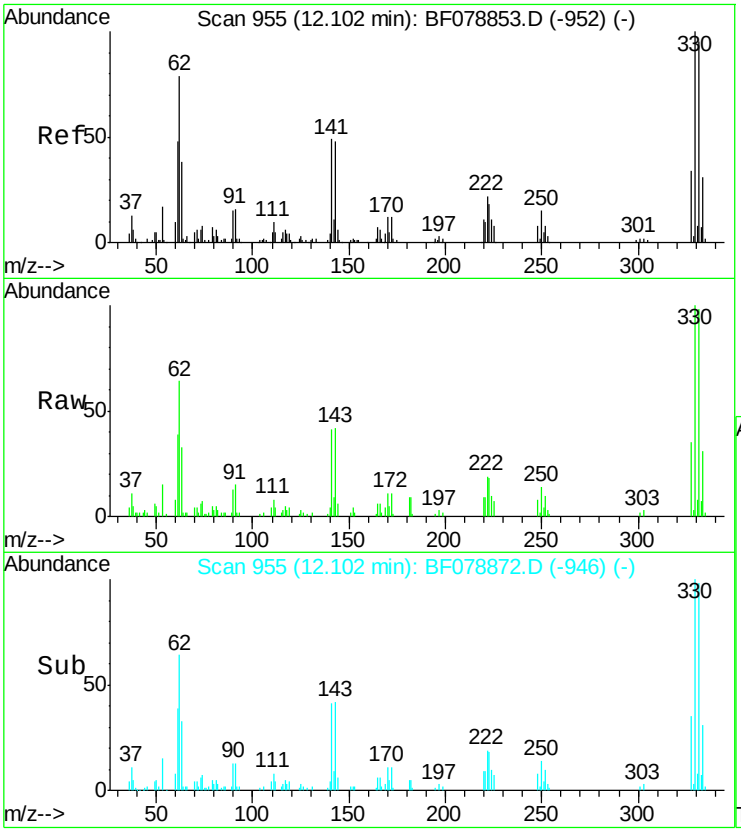


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:164 Resp: 147840

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.7	124.1
160	46.5	35.8	53.8





#41
2,4,6-Tribromophenol
Concen: 17.86 ng
RT: 12.10 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:330 Resp: 28563

Ion	Ratio	Lower	Upper
330	100		
332	98.2	0.0	0.0#
141	35.5	0.0	0.0#

Instrument :
BNA_F
ClientSampleId :
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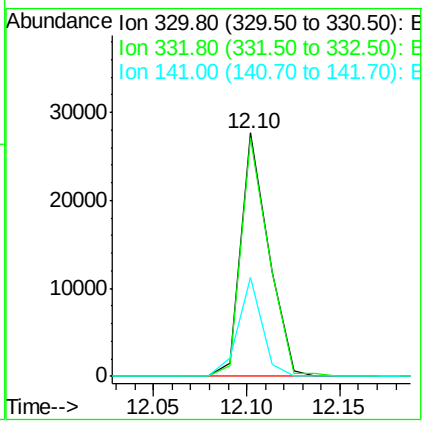
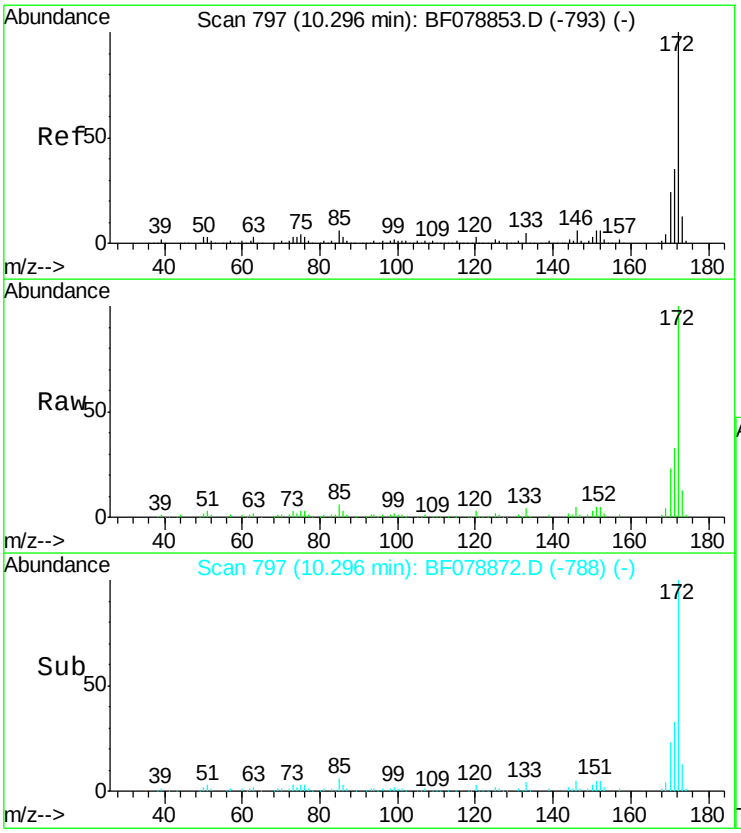
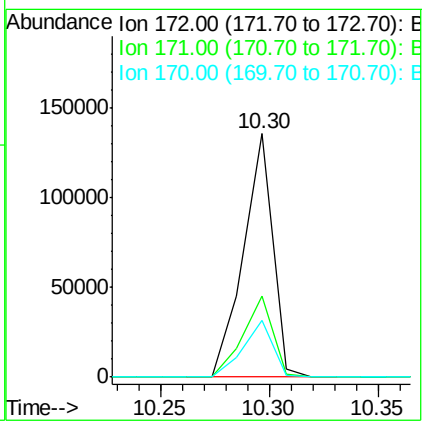


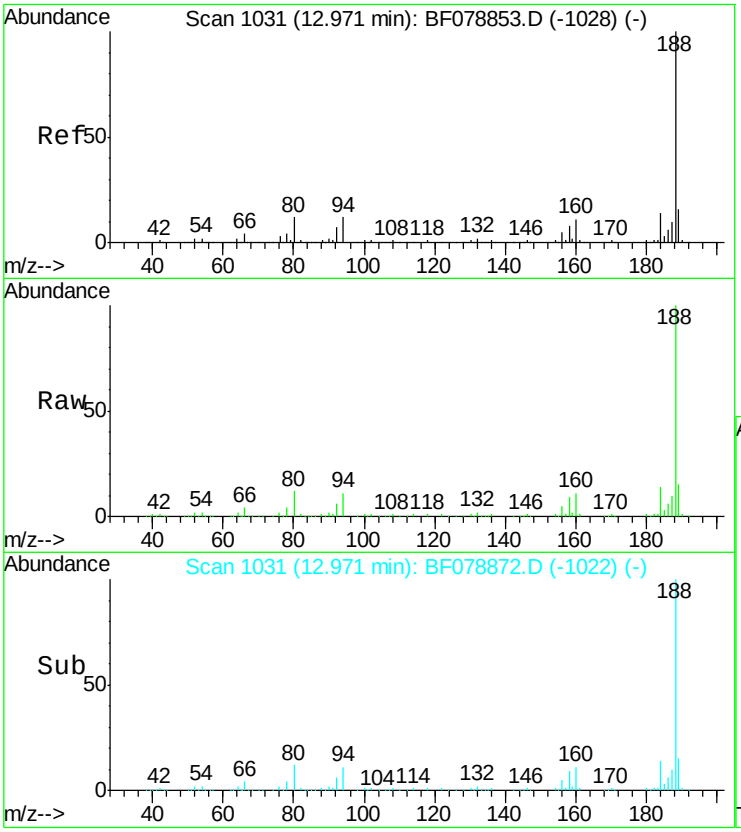


#44
2-Fluorobiphenyl
Concen: 11.98 ng
RT: 10.30 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:172 Resp: 127165

Ion	Ratio	Lower	Upper
172	100		
171	33.1	27.9	41.9
170	23.5	19.4	29.0

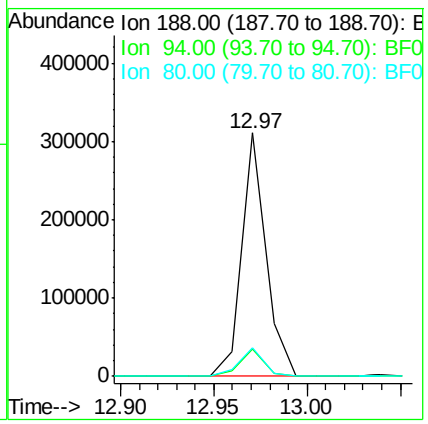




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:188 Resp: 282471

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.2	12.2
80	11.7	8.9	13.3



Instrument :
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ClientSampleId :
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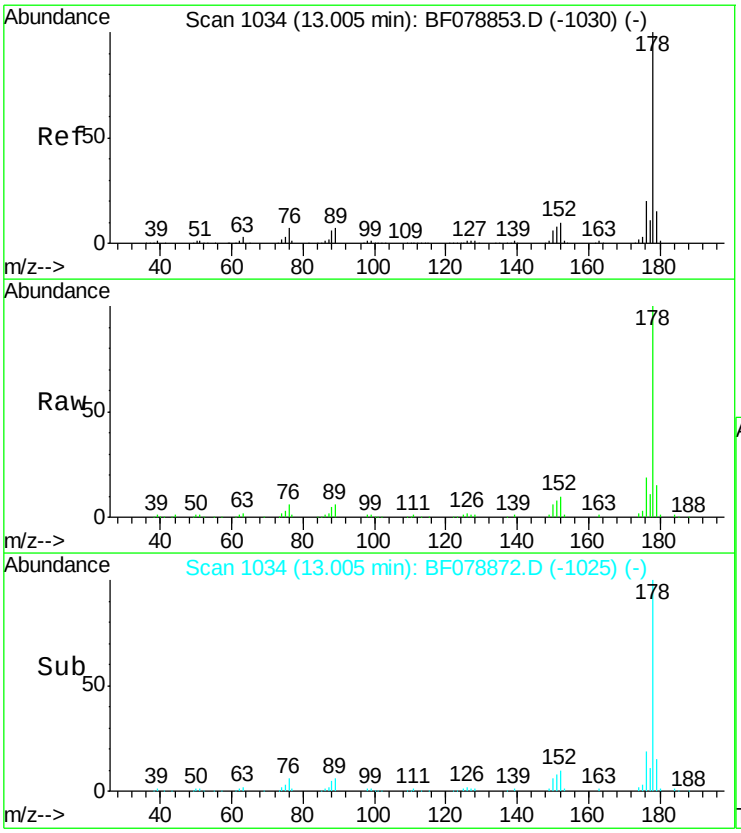
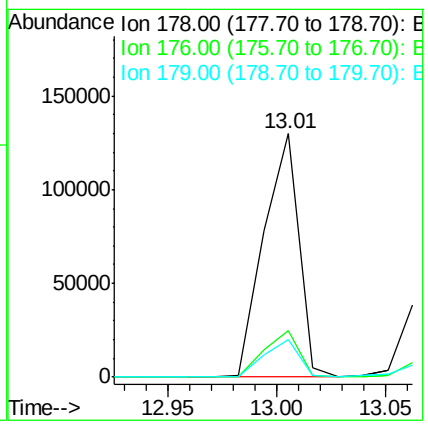
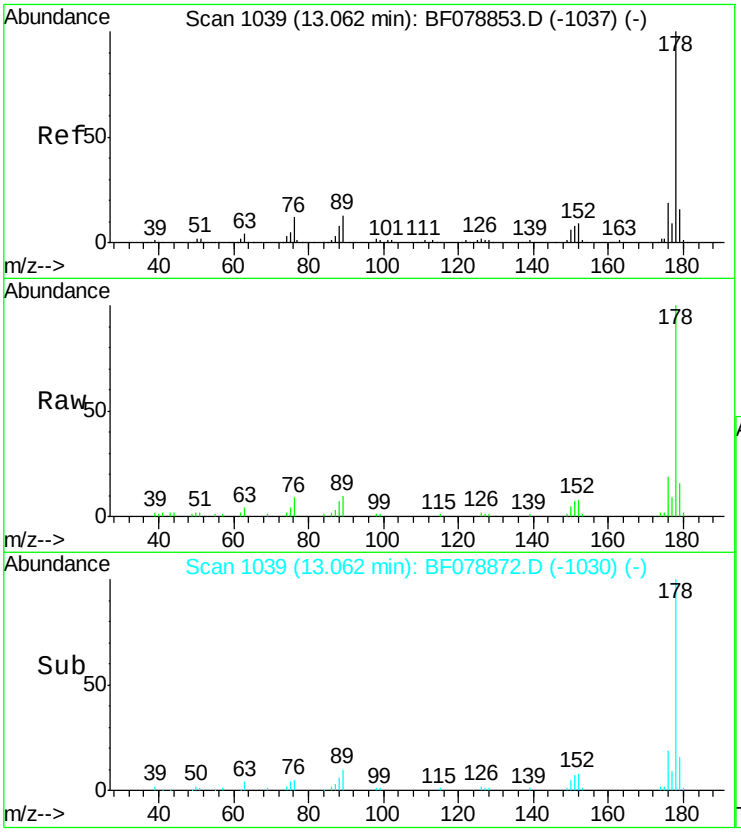


#70
Phenanthrene
Concen: 9.33 ng
RT: 13.01 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:178 Resp: 147418

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.3	12.5	18.7

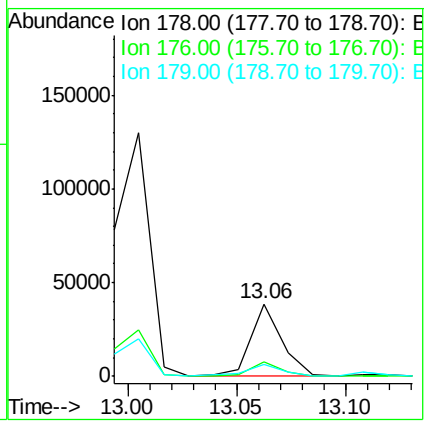




#71
Anthracene
Concen: 2.38 ng
RT: 13.06 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:178 Resp: 36949

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.7	12.7	19.1



Instrument :
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ClientSampleId :
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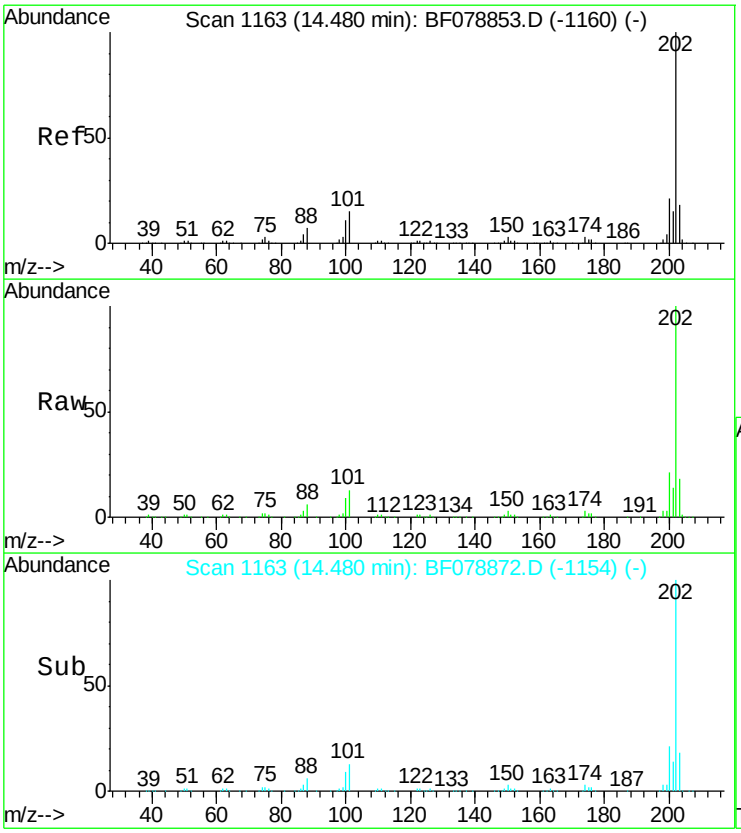
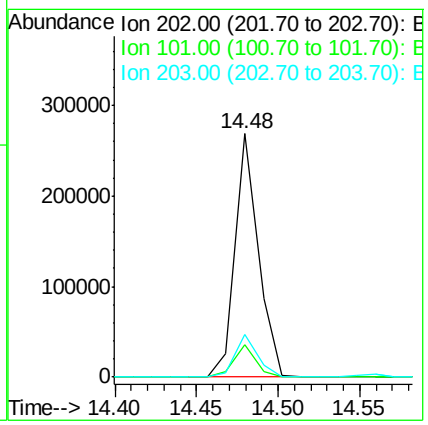
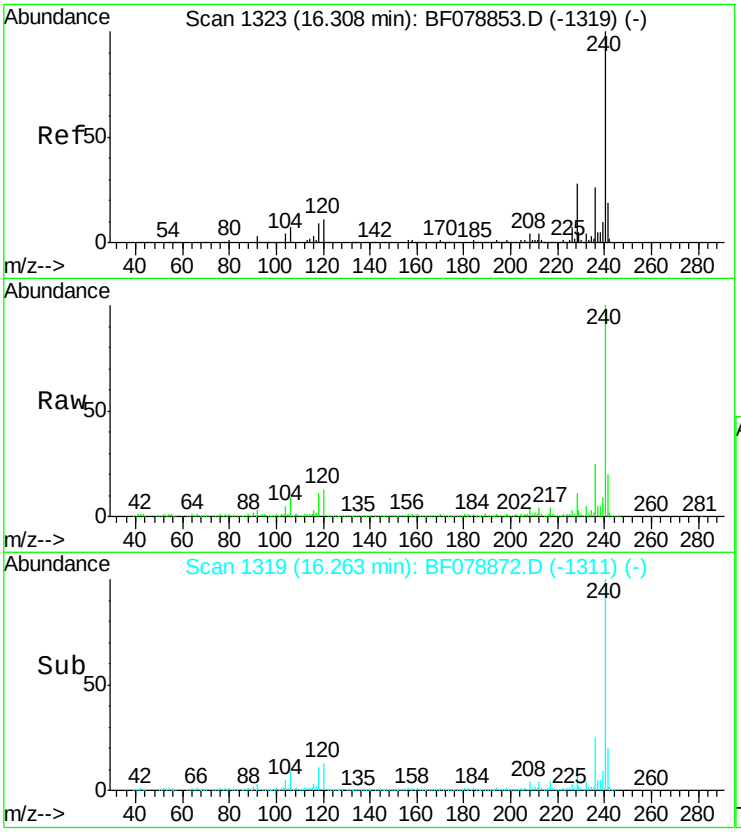


#74
Fluoranthene
Concen: 16.03 ng
RT: 14.48 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:202 Resp: 263947

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.6
203	17.5	0.0	38.4

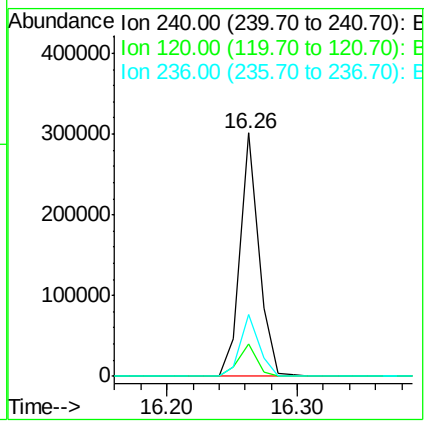




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:240 Resp: 303448

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.7	14.5
236	25.4	20.2	30.4



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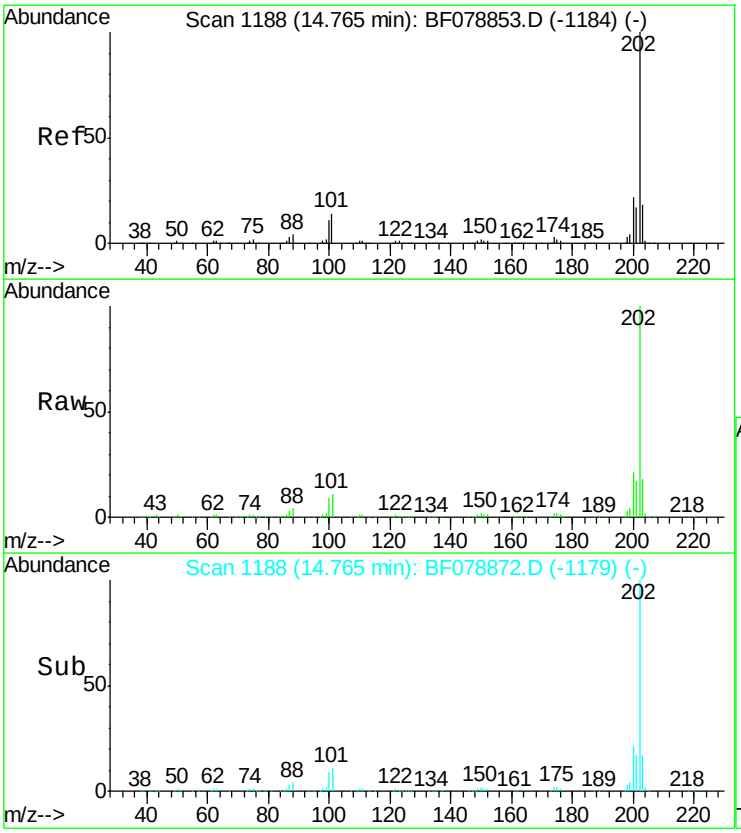
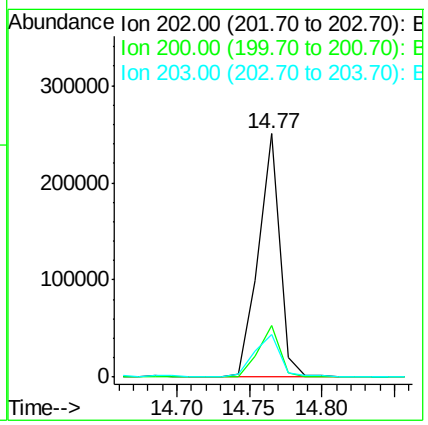
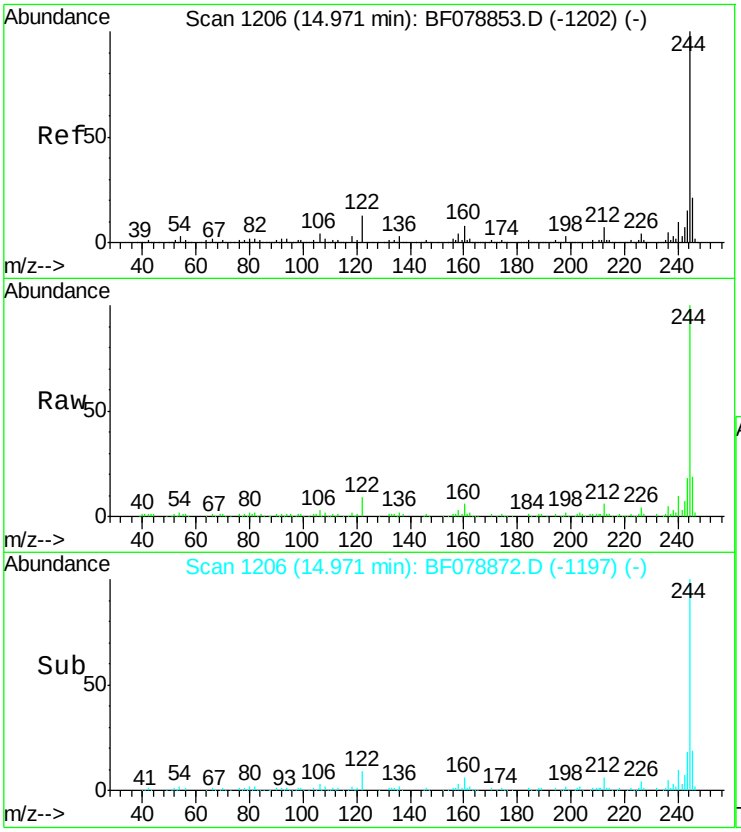


#77
Pyrene
Concen: 14.80 ng
RT: 14.77 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:202 Resp: 258826

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.5	26.3
203	17.8	13.9	20.9





#78
Terphenyl-d14
Concen: 10.89 ng
RT: 14.97 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:244 Resp: 138001

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.6	8.4
122	8.9	10.3	15.5#

Instrument :
BNA_F
ClientSampleId :
SB-58S

Manual Integrations APPROVED
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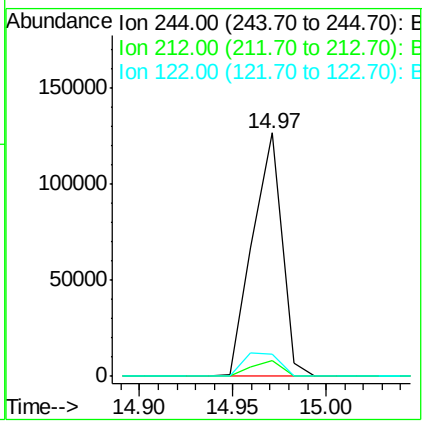
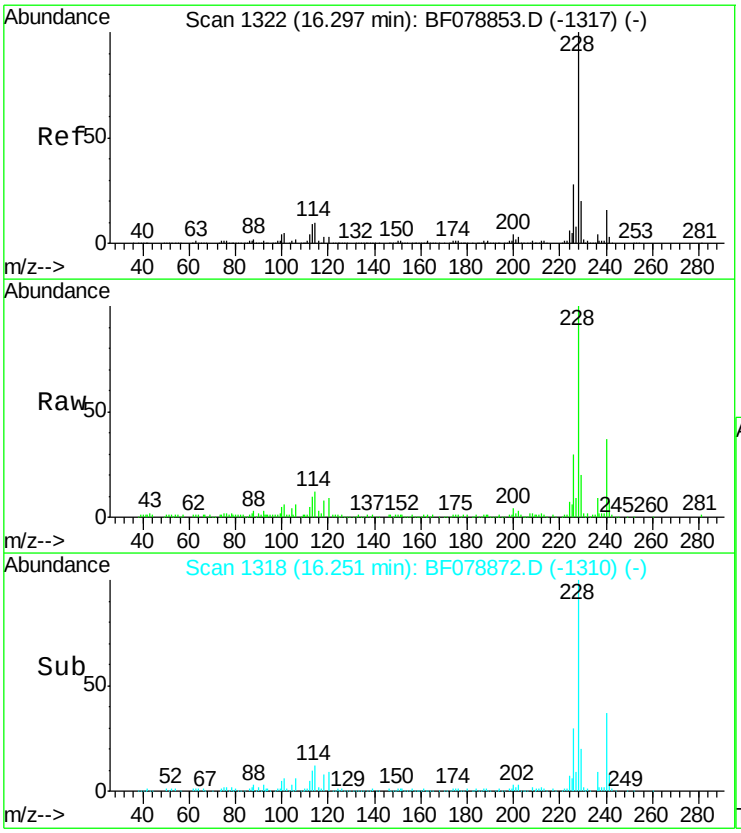
5/1/2015 4:44:52 PM

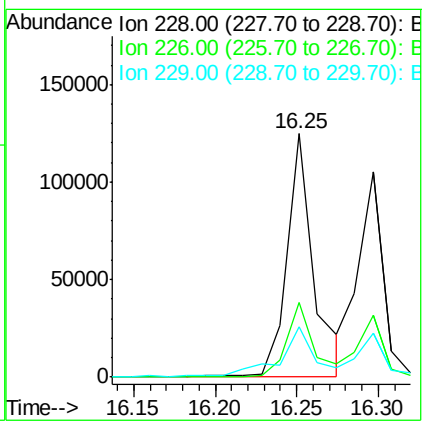


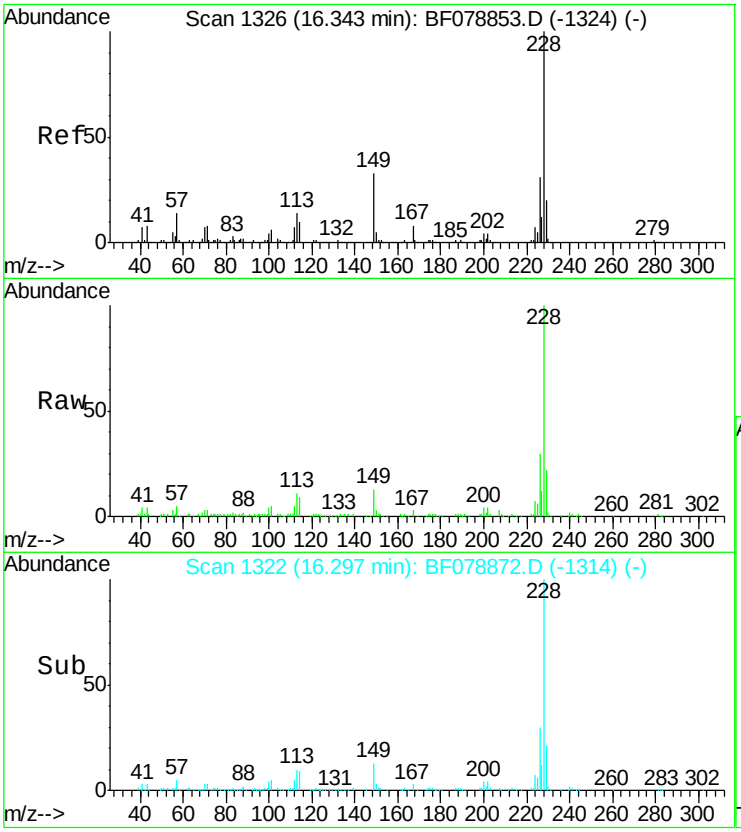


#80
Benzo(a)anthracene
Concen: 8.66 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:228 Resp: 143935

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	20.5	15.9	23.9

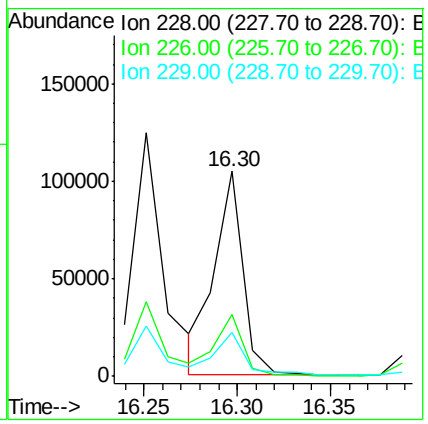




#82
Chrysene
Concen: 6.96 ng
RT: 16.30 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:228 Resp: 111251

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	21.7	16.0	24.0



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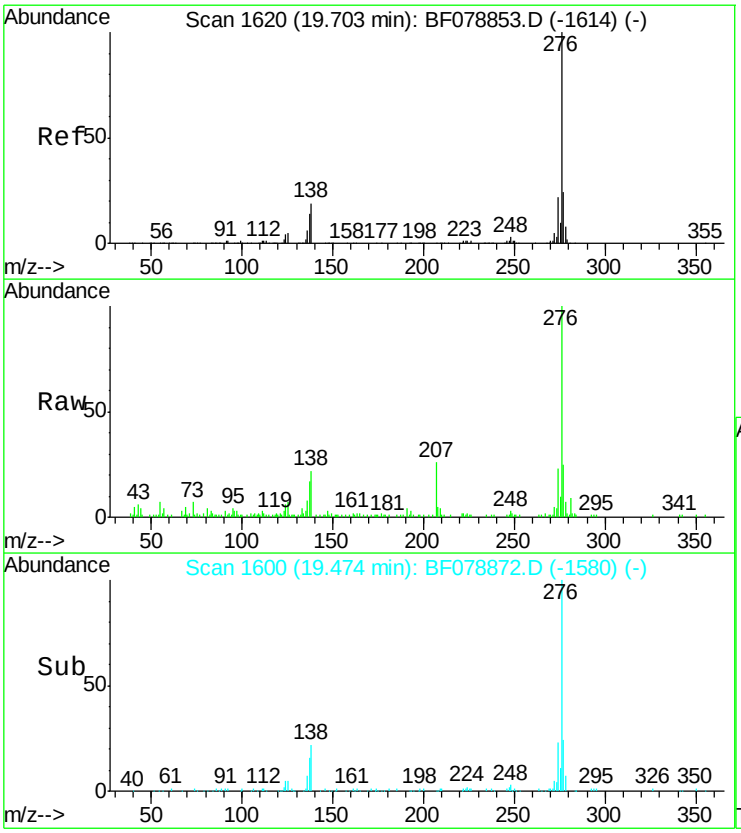
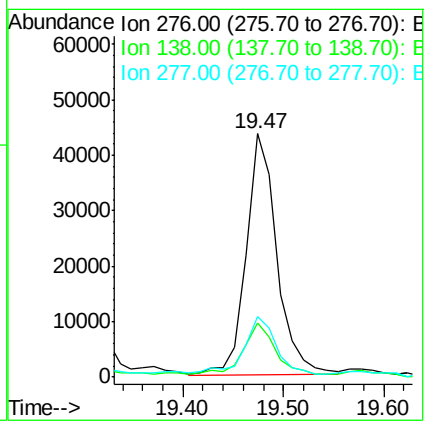
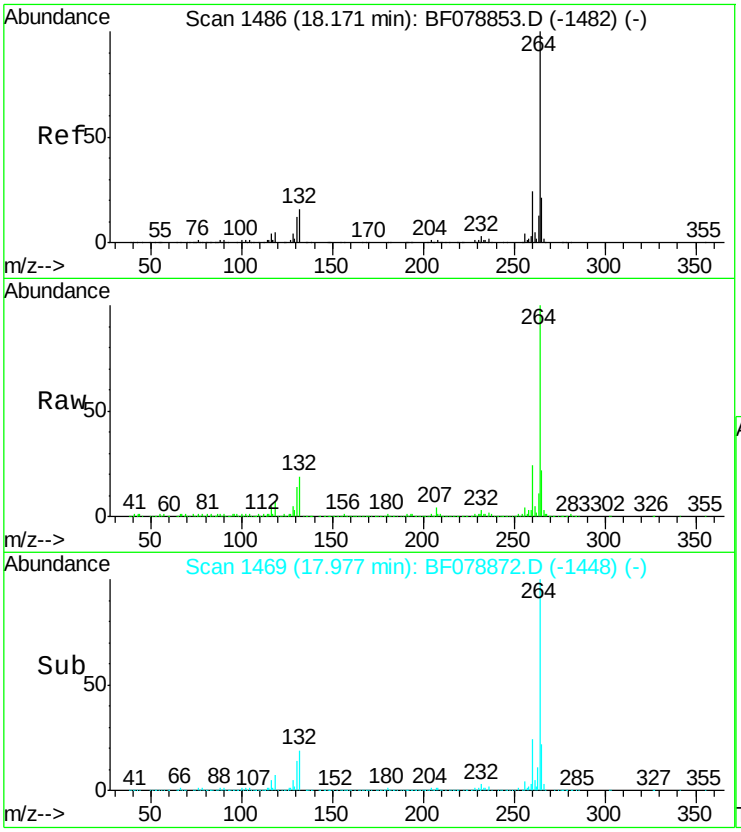


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.58 ng
RT: 19.47 min Scan# 1600
Delta R.T. -0.07 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:276 Resp: 93350

Ion	Ratio	Lower	Upper
276	100		
138	22.3	0.0	0.0#
277	29.1	0.0	0.0#

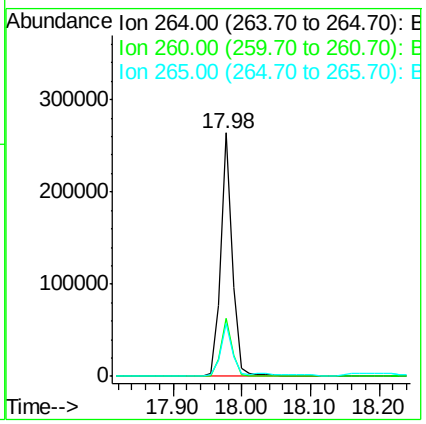




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.98 min Scan# 1469
Delta R.T. -0.06 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:264 Resp: 318766

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.8	18.3	27.5



Instrument :
BNA_F
ClientSampleId :
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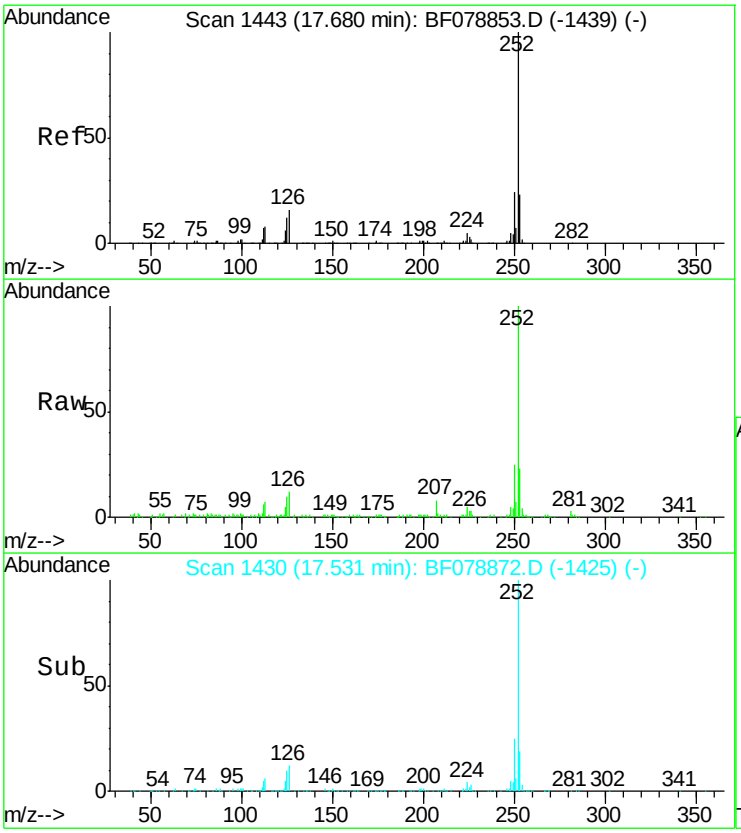
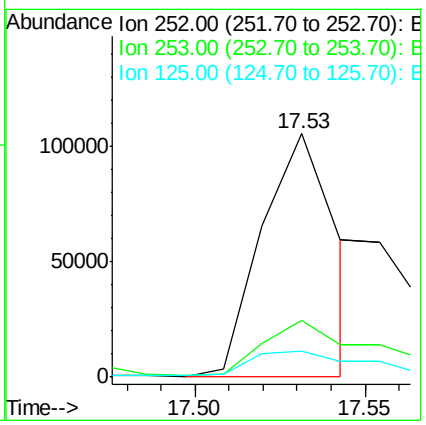
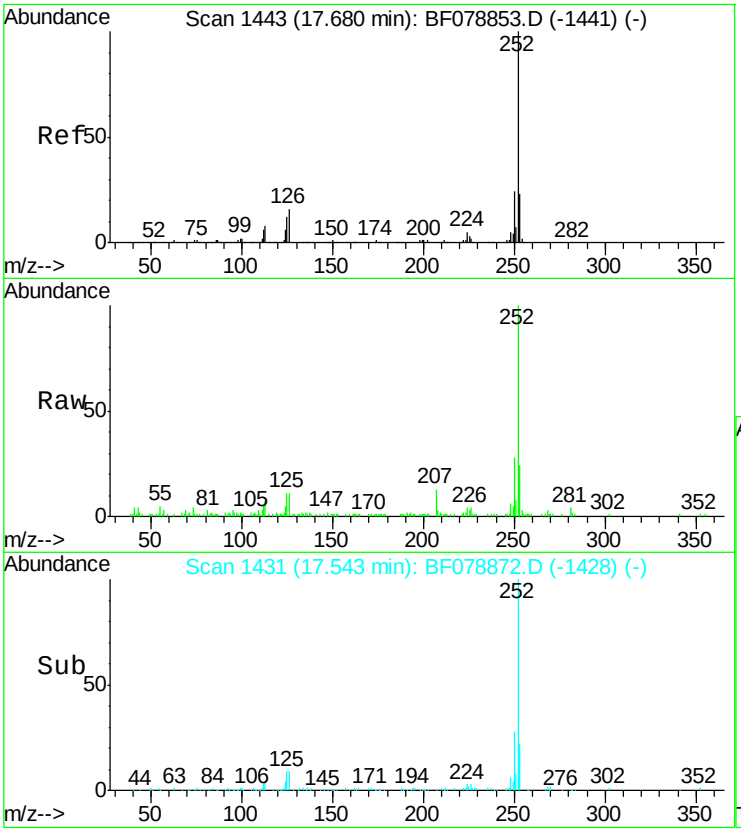


#87
Benzo(b)fluoranthene
Concen: 9.19 ng m
RT: 17.53 min Scan# 1430
Delta R.T. -0.05 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:252 Resp: 160426

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	10.5	9.5	14.3

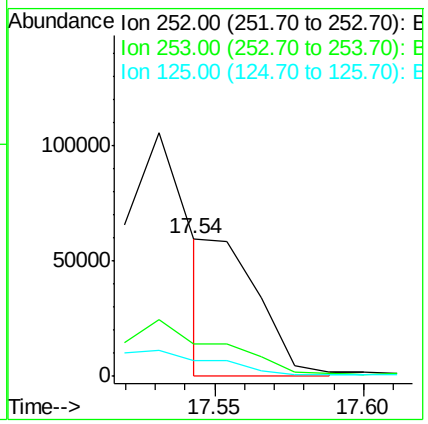




#88
Benzo(k)fluoranthene
Concen: 4.02 ng m
RT: 17.54 min Scan# 1431
Delta R.T. -0.07 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:252 Resp: 67917

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	11.1	10.0	15.0



Instrument :
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ClientSampleId :
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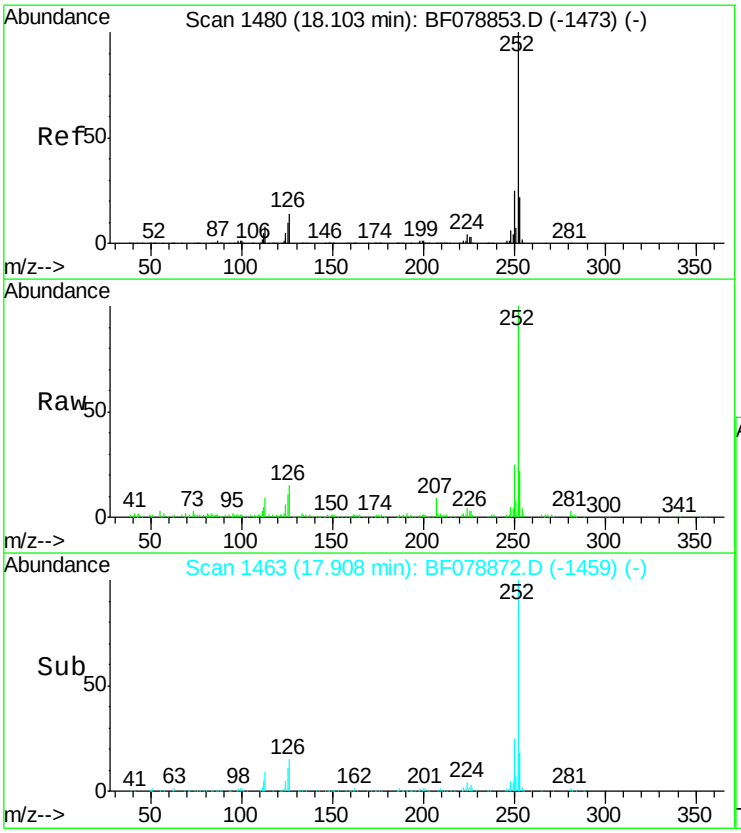
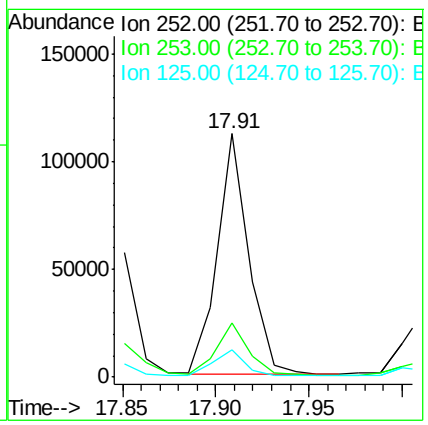
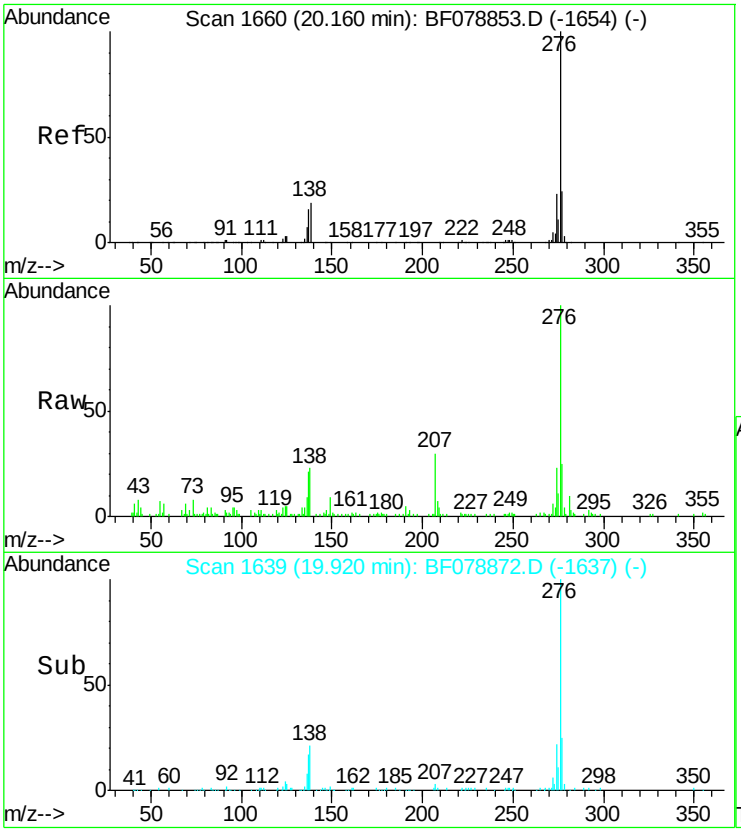


#89
Benzo(a)pyrene
Concen: 8.13 ng
RT: 17.91 min Scan# 1463
Delta R.T. -0.06 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:252 Resp: 130556

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	11.3	7.0	10.6#

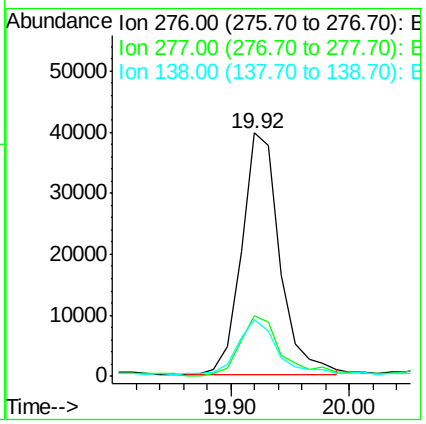




#91
Benzo(g,h,i)perylene
Concen: 5.16 ng
RT: 19.92 min Scan# 1639
Delta R.T. -0.08 min
Lab File: BF078872.D
Acq: 1 May 2015 3:01

Tgt Ion:276 Resp: 88316

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.6	28.0
138	23.4	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
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