Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079534.D
Acq On : 27 May 2015 22:52
Operator : TP/IZ
Sample : G2359-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30BS

Manual Integrations APPROVED
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5/28/2015 12:04:26 PM

Quant Time: May 28 01:52:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 00:48:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	71560	20.00	ng		0.00
21) Naphthalene-d8	8.58	136	298576	20.00	ng		0.00
38) Acenaphthene-d10	10.74	164	145246	20.00	ng		0.00
63) Phenanthrene-d10	12.58	188	278934	20.00	ng		0.00
75) Chrysene-d12	15.86	240	306893	20.00	ng		-0.08
86) Perylene-d12	17.55	264	319394	20.00	ng		-0.33
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	491264m	119.07	ng		0.00
7) Phenol-d6	6.60	99	659200m	125.35	ng		0.01
23) Nitrobenzene-d5	7.70	82	383123	74.17	ng		0.00
41) 2,4,6-Tribromophenol	11.72	330	188539	118.18	ng		-0.01
44) 2-Fluorobiphenyl	9.93	172	755400	74.20	ng		0.00
78) Terphenyl-d14	14.58	244	842158	64.40	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	10.43	163	43109	4.03	ng		100
70) Phenanthrene	12.61	178	288363	18.84	ng		99
71) Anthracene	12.67	178	69518	4.47	ng		99
74) Fluoranthene	14.08	202	394923	24.07	ng		95
77) Pyrene	14.37	202	403963	21.25	ng		99
80) Benzo(a)anthracene	15.85	228	203626	11.53	ng		99
82) Chrysene	15.90	228	198937m	11.86	ng		
83) Bis(2-ethylhexyl)phthalate	15.92	149	66689	5.44	ng	#	97
85) Indeno(1,2,3-cd)pyrene	18.87	276	120187m	5.57	ng		
87) Benzo(b)fluoranthene	17.13	252	247210m	13.57	ng		
88) Benzo(k)fluoranthene	17.15	252	78246m	4.80	ng		
89) Benzo(a)pyrene	17.50	252	197395	10.90	ng		98
91) Benzo(g,h,i)perylene	19.25	276	124230	4.98	ng		97

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

Quantitation Report (LSC Reviewed)

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ClientSampleId :
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Manual Integrations APPROVED
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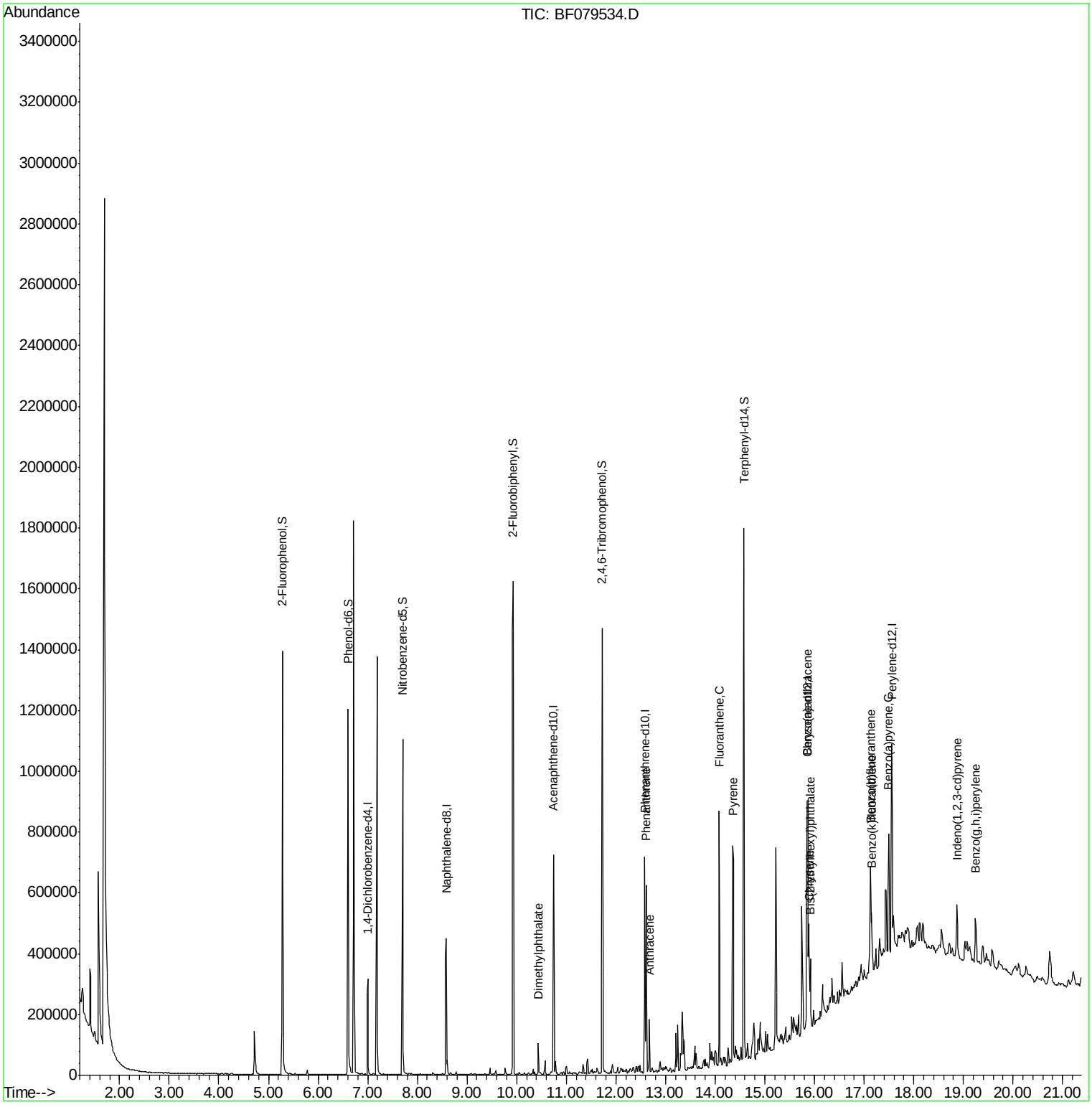
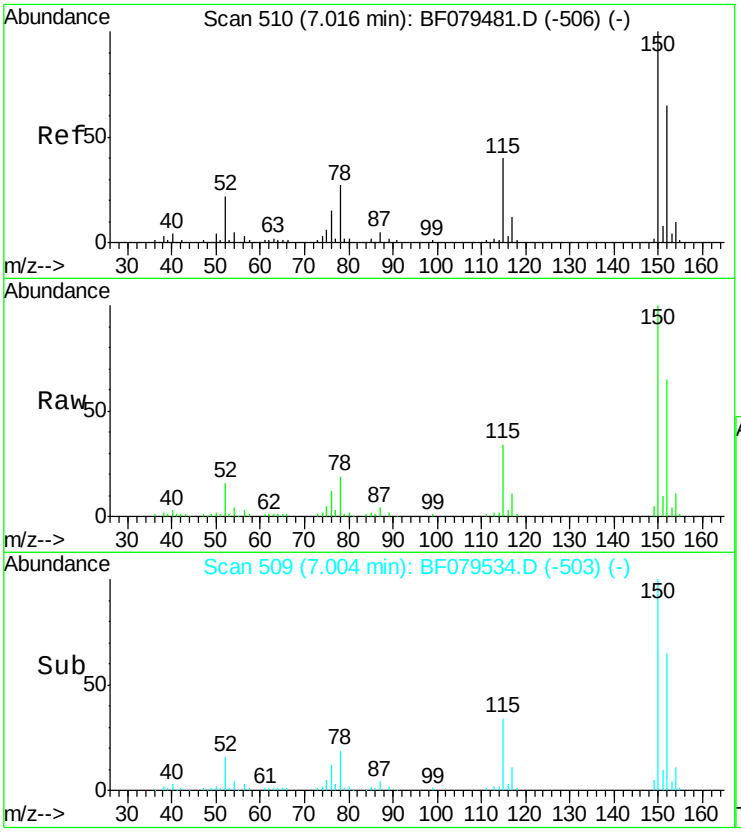
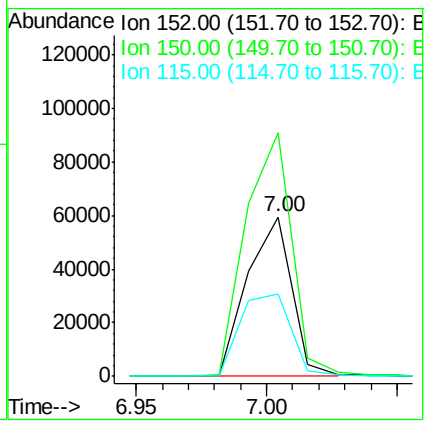




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:152 Resp: 71560

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.0	186.0
115	51.6	49.6	74.4



Instrument :
BNA_F
ClientSampleId :
SB-30BS

Manual Integrations APPROVED
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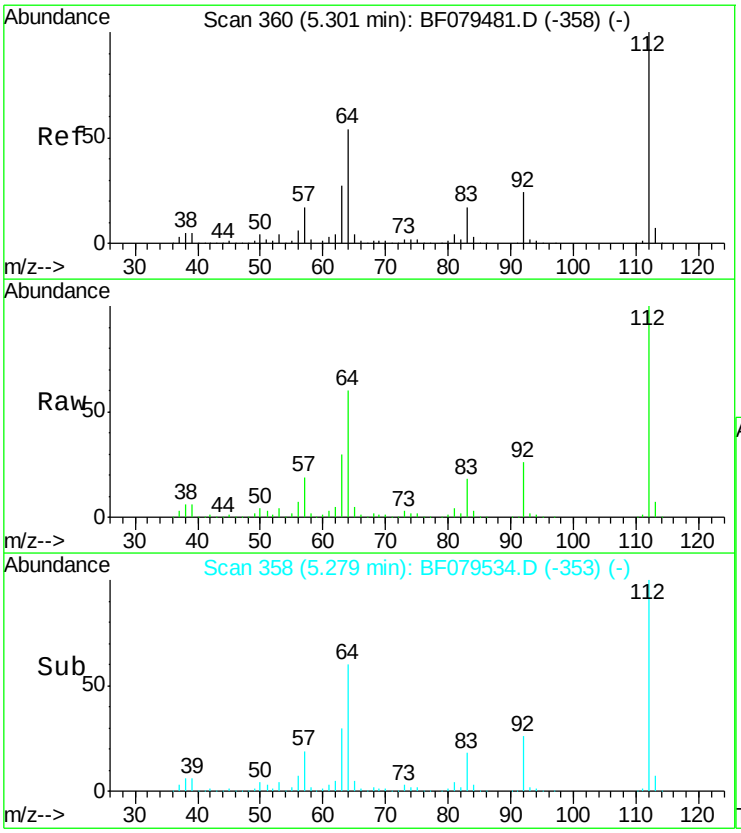
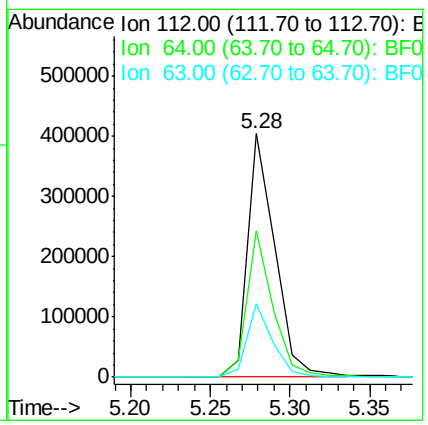
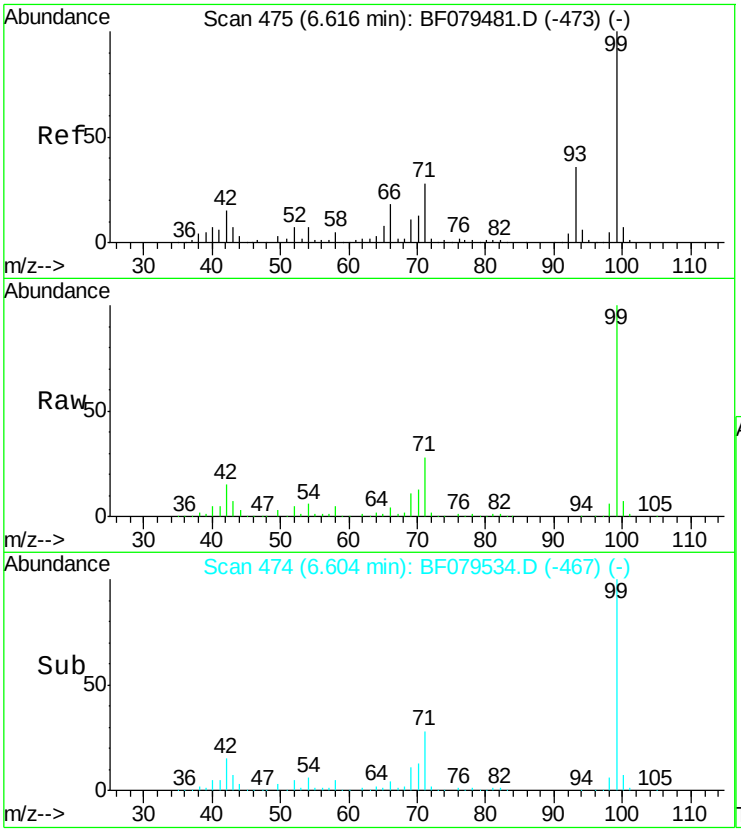


#5
2-Fluorophenol
Concen: 119.07 ng m
RT: 5.28 min Scan# 358
Delta R.T. -0.00 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:112 Resp: 491264

Ion	Ratio	Lower	Upper
112	100		
64	60.1	43.5	65.3
63	30.1	21.8	32.8

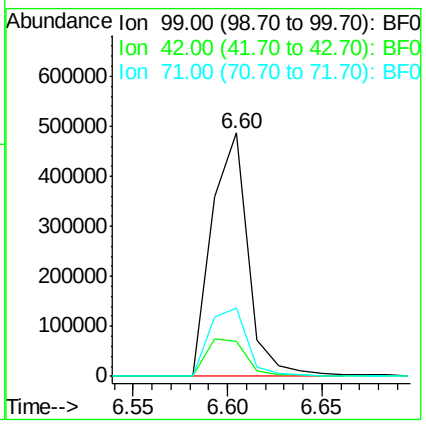




#7
Phenol-d6
Concen: 125.35 ng m
RT: 6.60 min Scan# 474
Delta R.T. 0.01 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion: 99 Resp: 659200

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.9	17.9
71	28.1	22.1	33.1



Instrument :
BNA_F
ClientSampleId :
SB-30BS

Manual Integrations APPROVED
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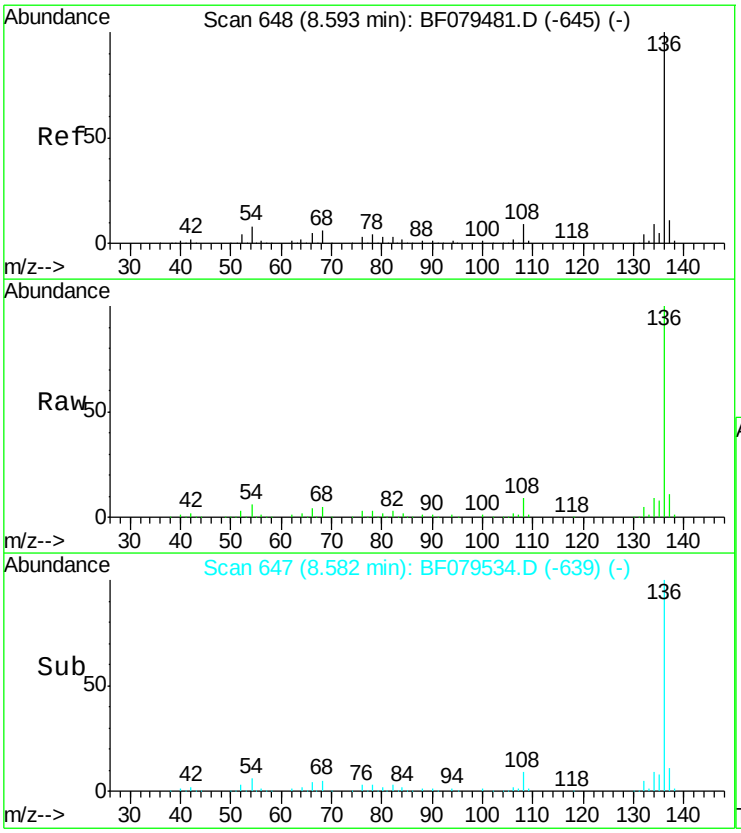
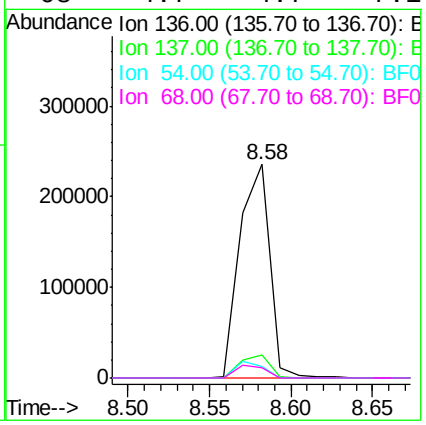
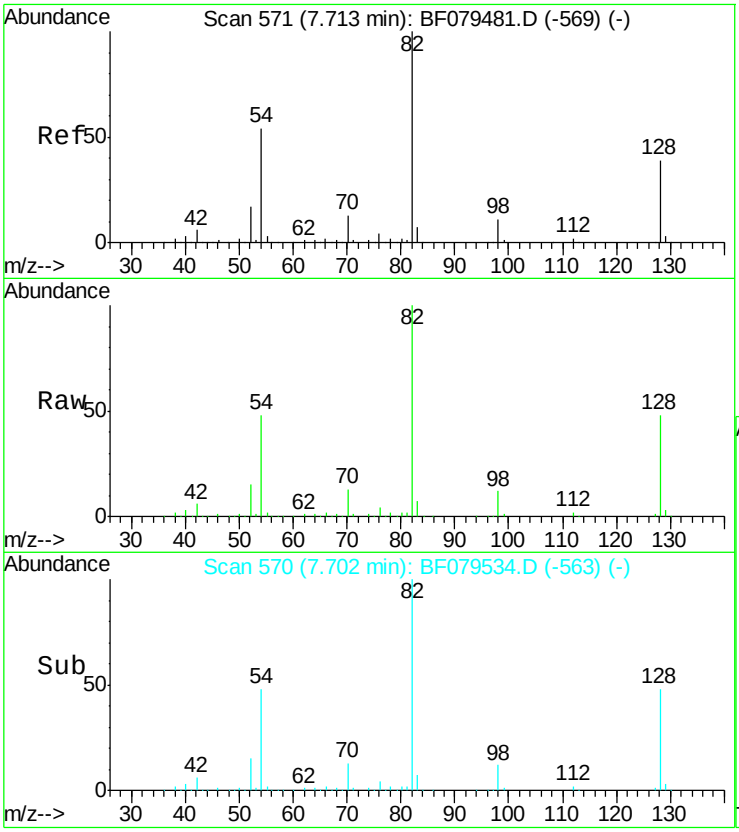


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:136 Resp: 298576

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	5.6	6.6	9.8#
68	4.7	4.7	7.1

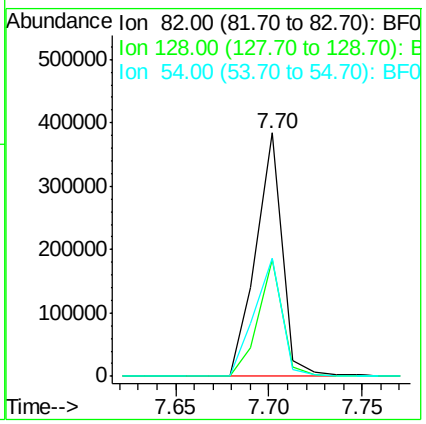




#23
Nitrobenzene-d5
Concen: 74.17 ng
RT: 7.70 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion: 82 Resp: 383123

Ion	Ratio	Lower	Upper
82	100		
128	48.2	30.8	46.2#
54	48.5	42.8	64.2



Instrument :
BNA_F
ClientSampleId :
SB-30BS

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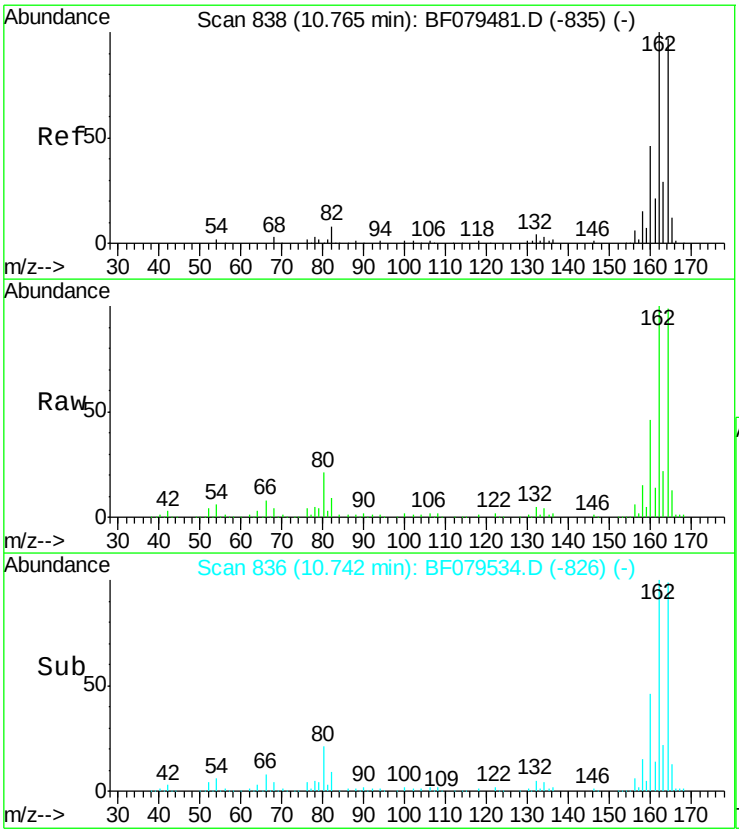
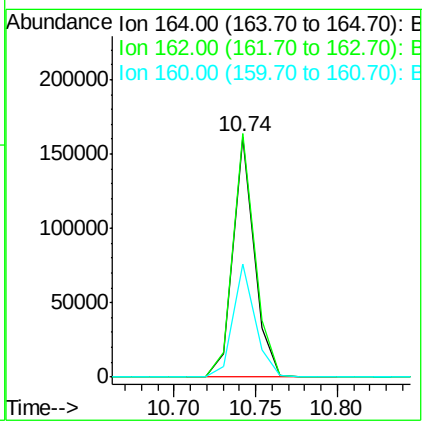
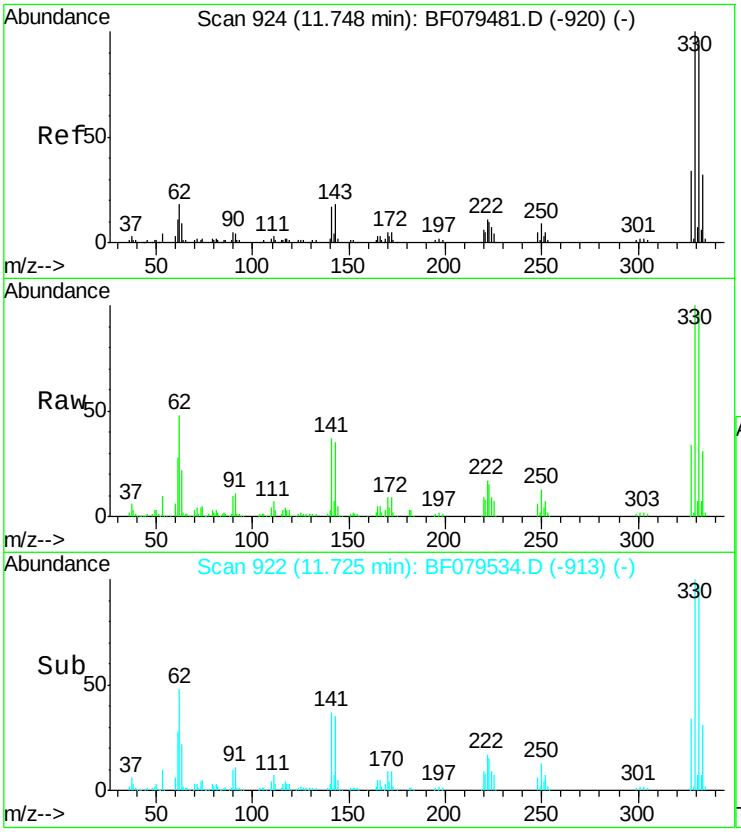


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:164 Resp: 145246

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	124.0
160	47.1	37.7	56.5





#41
2,4,6-Tribromophenol
Concen: 118.18 ng
RT: 11.72 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:330 Resp: 188539

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	35.6	0.0	0.0#

Instrument :
BNA_F
ClientSampleId :
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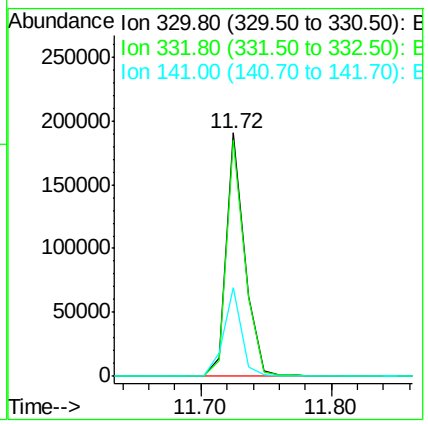
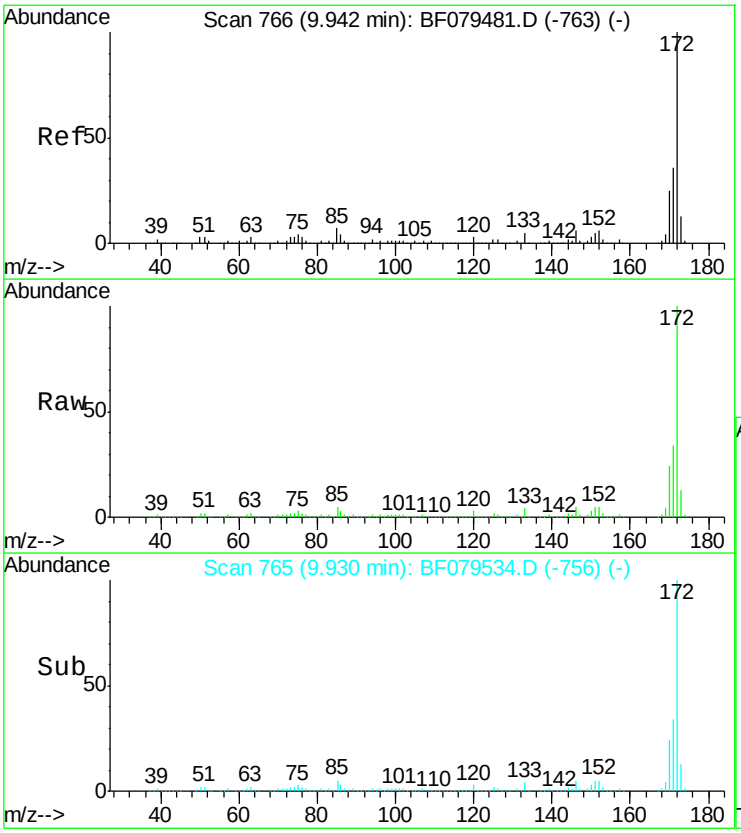
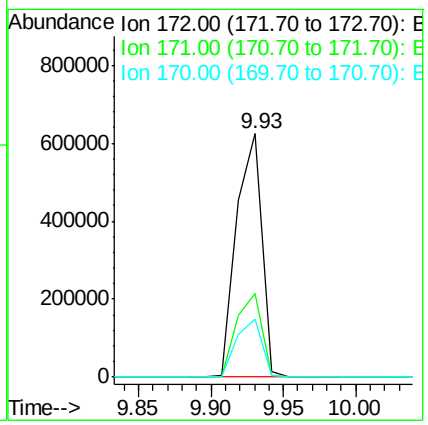


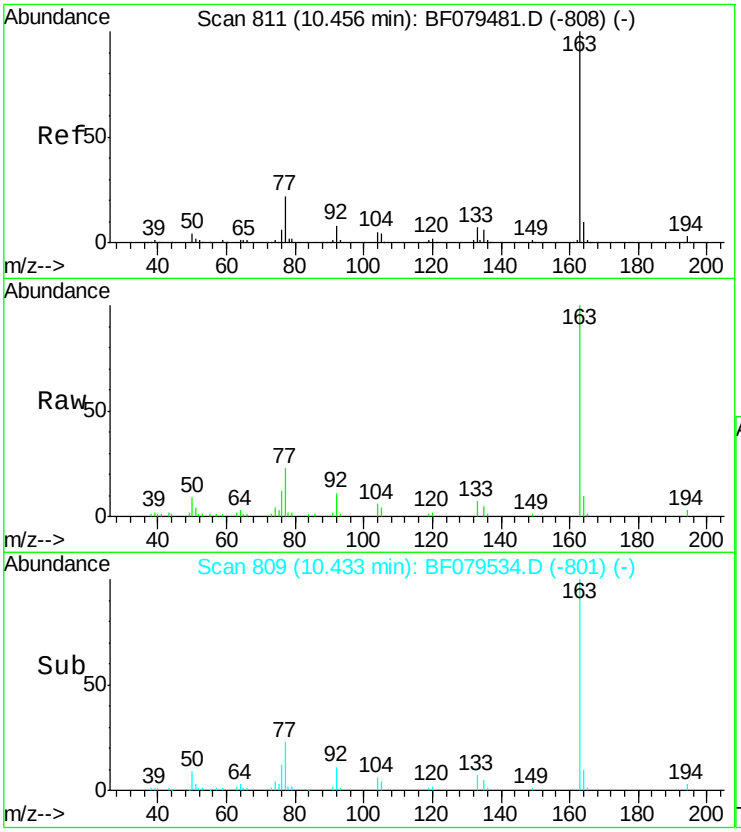


#44
2-Fluorobiphenyl
Concen: 74.20 ng
RT: 9.93 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:172 Resp: 755400

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	23.8	19.7	29.5

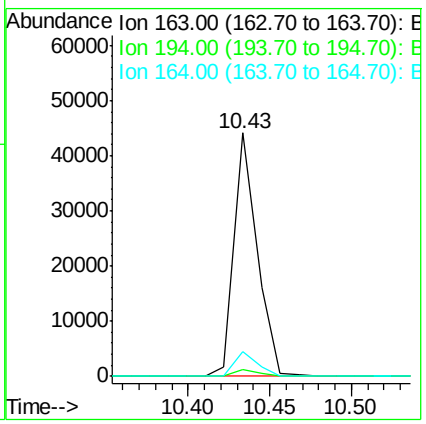




#49
Dimethylphthalate
Concen: 4.03 ng
RT: 10.43 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:163 Resp: 43109

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.4	3.6
164	10.2	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
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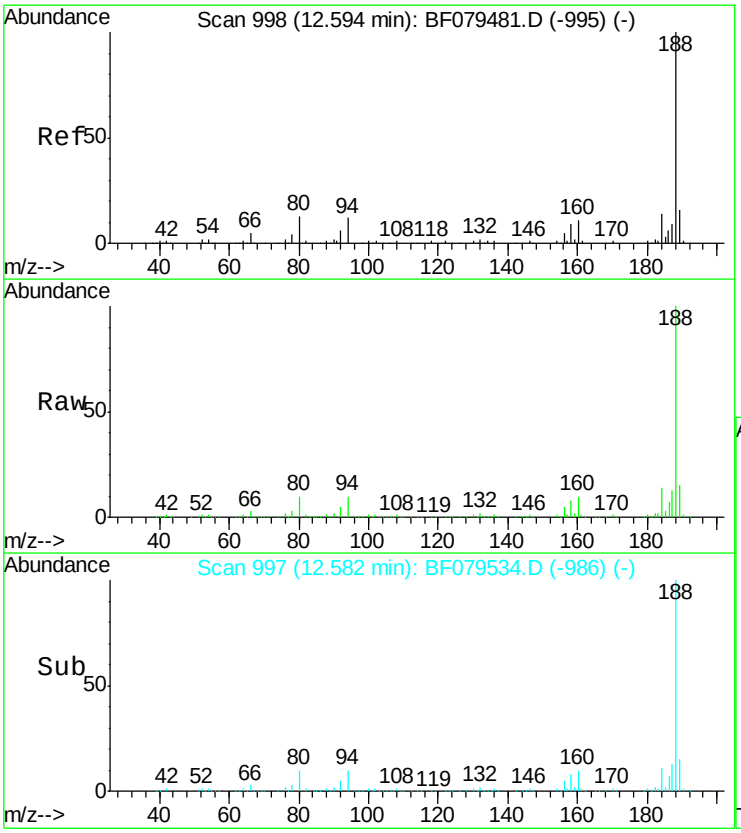
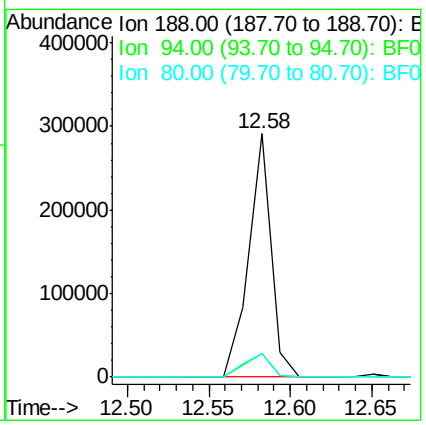
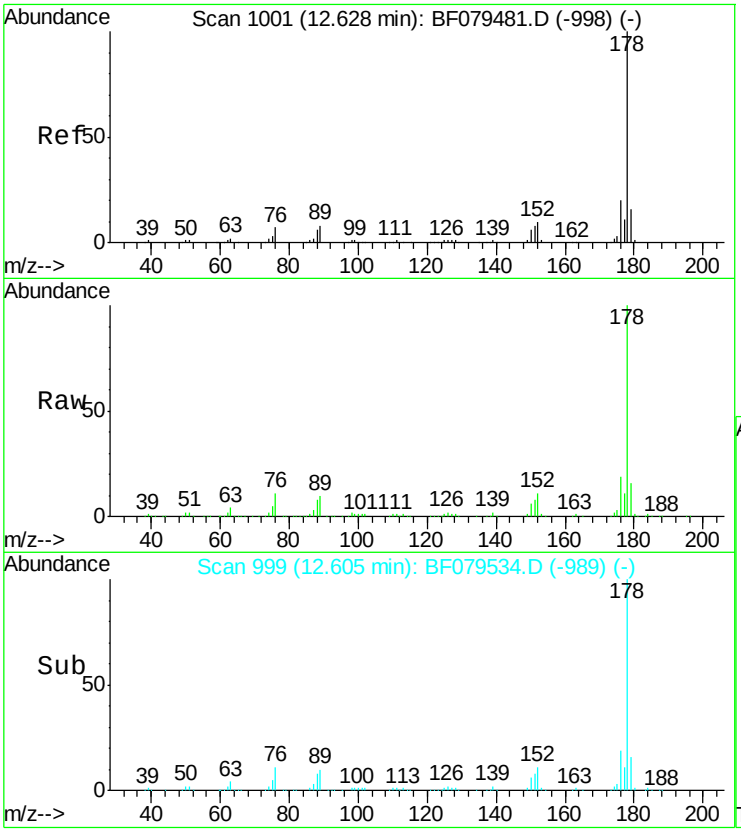


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:188 Resp: 278934

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.8	14.6#
80	9.6	10.5	15.7#

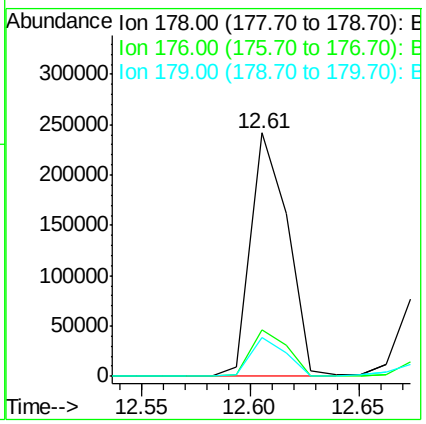




#70
Phenanthrene
Concen: 18.84 ng
RT: 12.61 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:178 Resp: 288363

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.7	12.4	18.6



Instrument :
BNA_F
ClientSampleId :
SB-30BS

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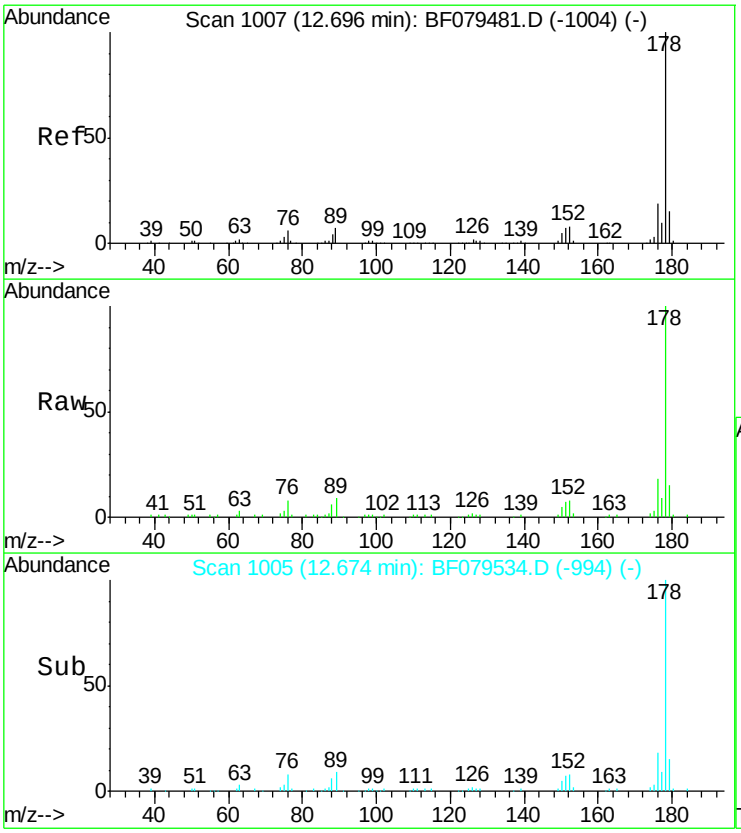
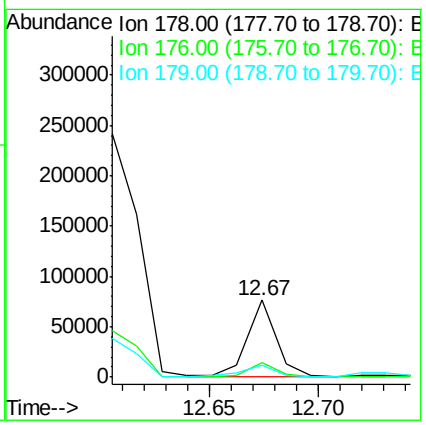
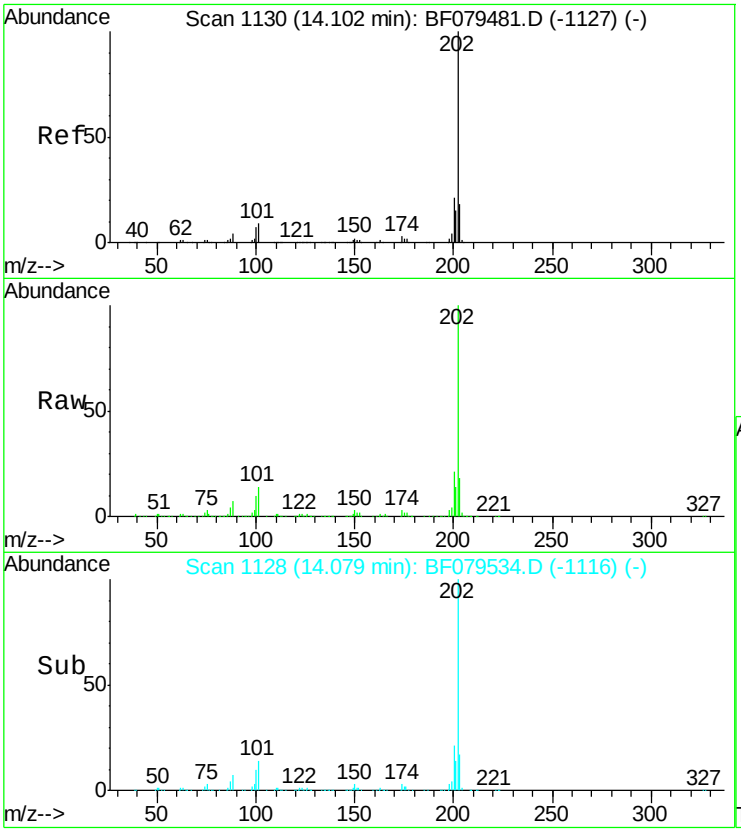


#71
Anthracene
Concen: 4.47 ng
RT: 12.67 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:178 Resp: 69518

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	15.0	12.2	18.4

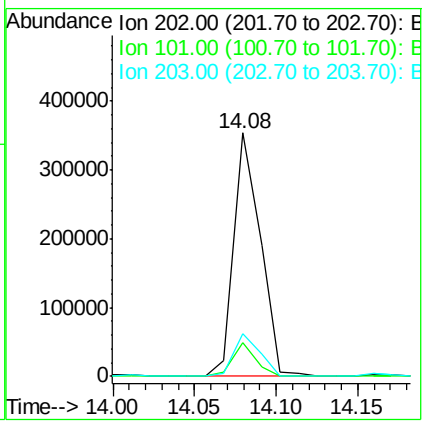




#74
Fluoranthene
Concen: 24.07 ng
RT: 14.08 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:202 Resp: 394923

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	29.3
203	17.7	0.0	37.6



Instrument :
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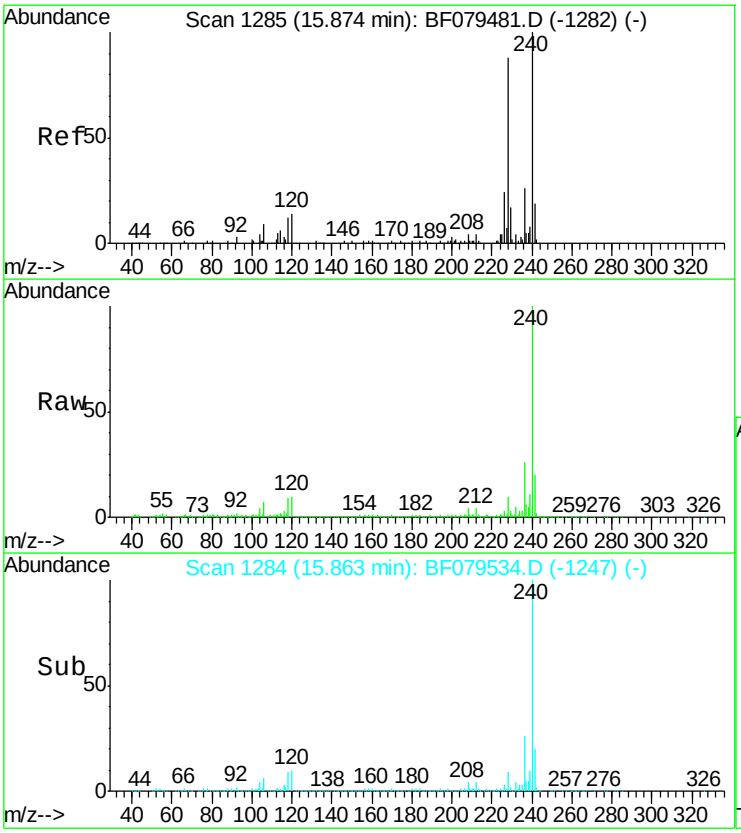
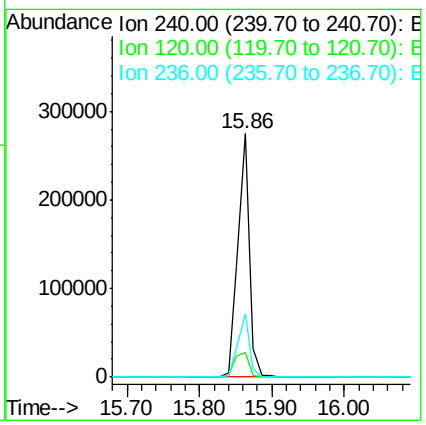
5/28/2015 12:04:26 PM

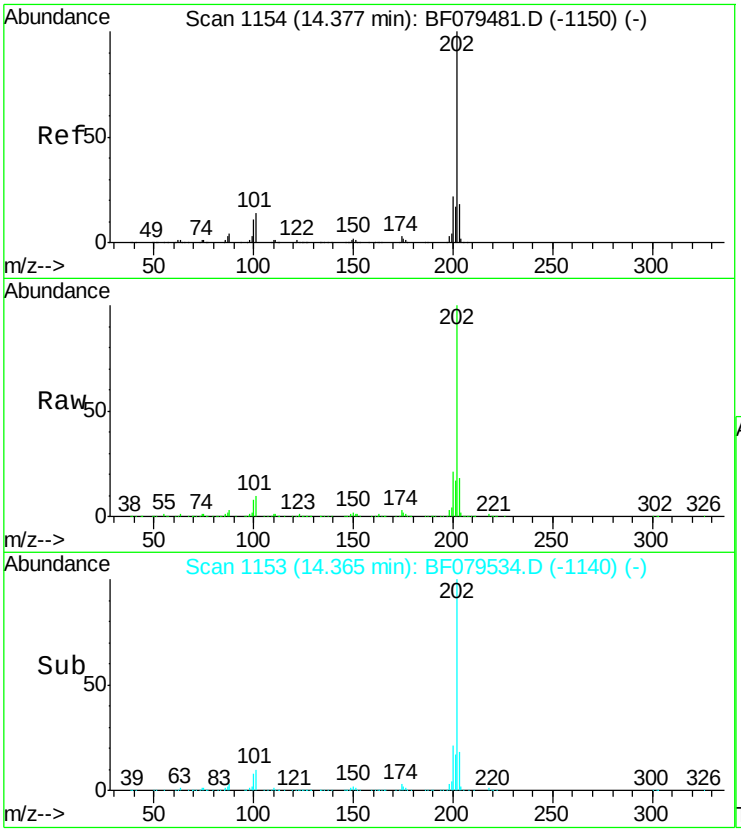


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.86 min Scan# 1284
Delta R.T. -0.08 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:240 Resp: 306893

Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.8	16.2#
236	25.9	21.0	31.6

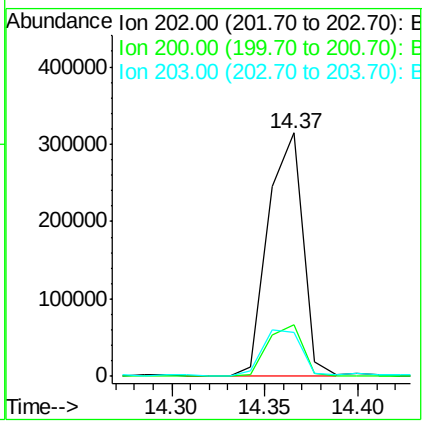




#77
Pyrene
Concen: 21.25 ng
RT: 14.37 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:202 Resp: 403963

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	18.0	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
SB-30BS

Manual Integrations APPROVED
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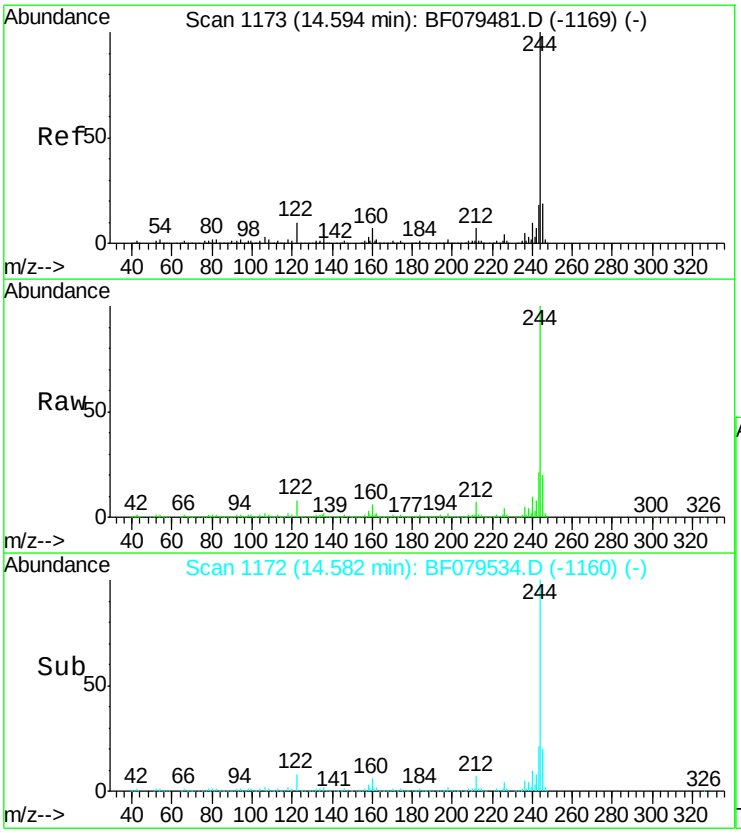
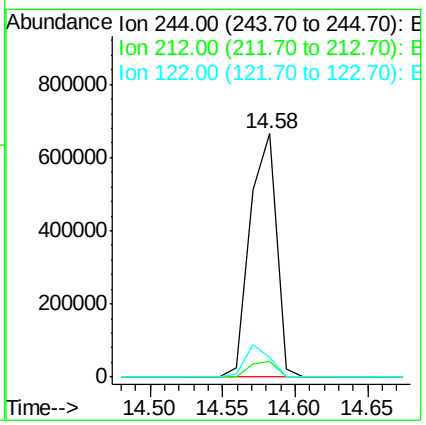
5/28/2015 12:04:26 PM

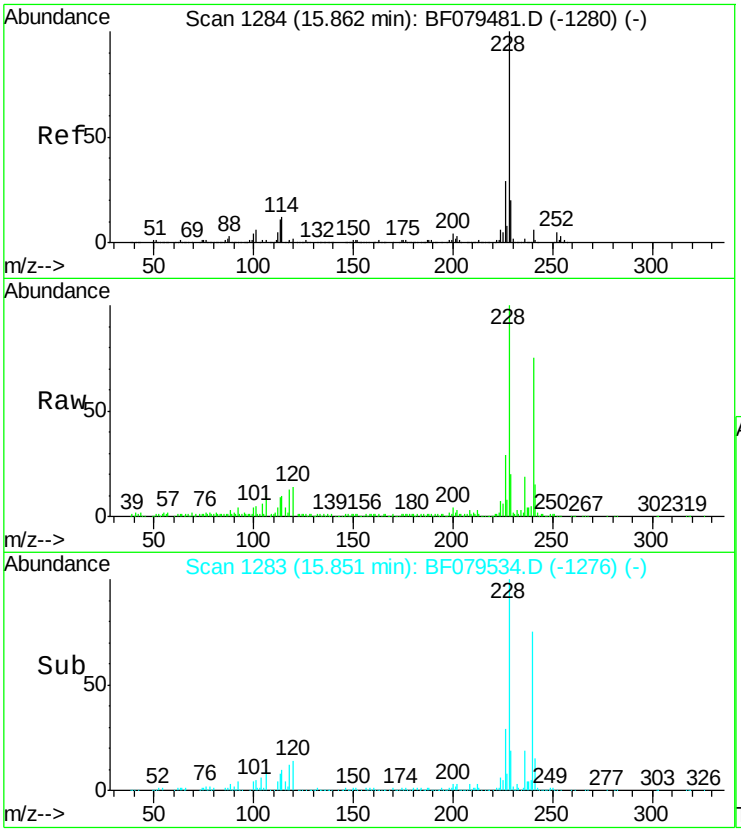


#78
Terphenyl-d14
Concen: 64.40 ng
RT: 14.58 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:244 Resp: 842158

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	8.3	8.0	12.0

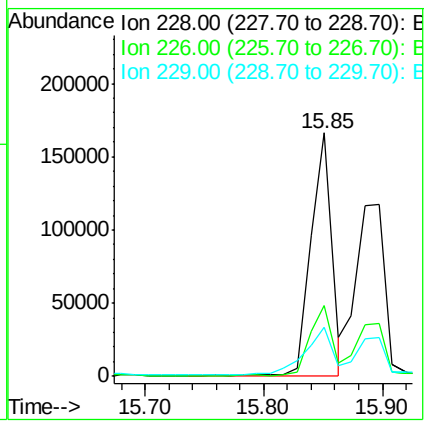




#80
Benzo(a)anthracene
Concen: 11.53 ng
RT: 15.85 min Scan# 1283
Delta R.T. -0.08 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:228 Resp: 203626

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.8	34.2
229	20.2	15.9	23.9



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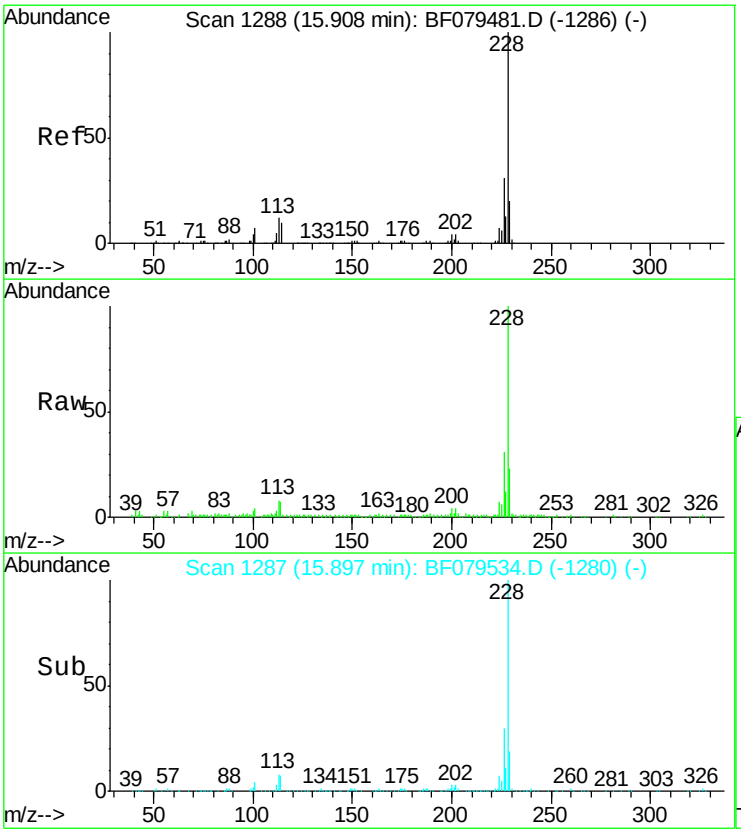
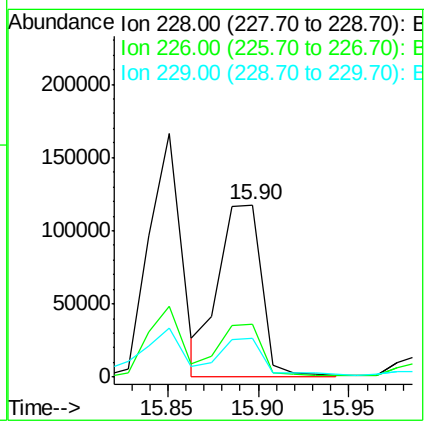
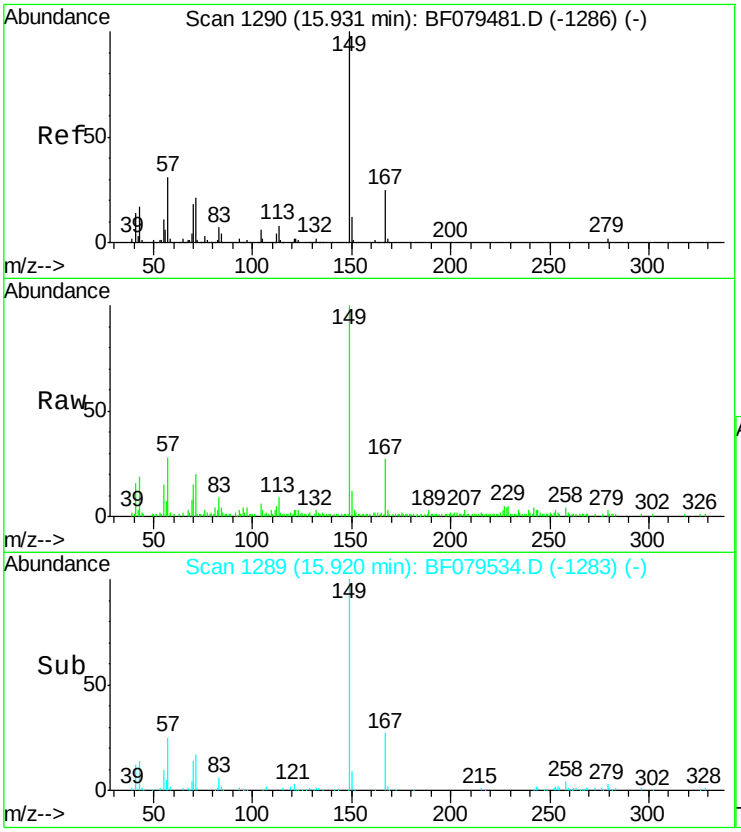


#82
Chrysene
Concen: 11.86 ng m
RT: 15.90 min Scan# 1287
Delta R.T. -0.08 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:228 Resp: 198937

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.4
229	22.9	15.9	23.9





#83
Bis(2-ethylhexyl)phthalate
Concen: 5.44 ng
RT: 15.92 min Scan# 1289
Delta R.T. -0.10 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:149 Resp: 66689

Ion	Ratio	Lower	Upper
149	100		
167	26.9	20.2	30.4
279	3.3	2.0	3.0#

Instrument :
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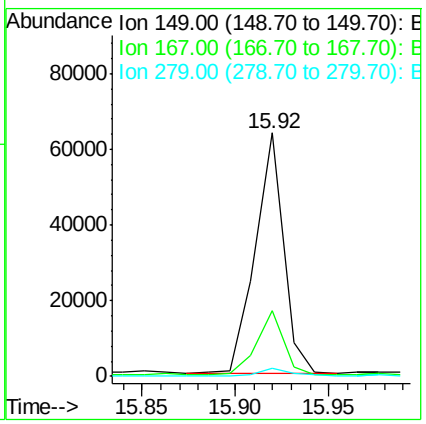
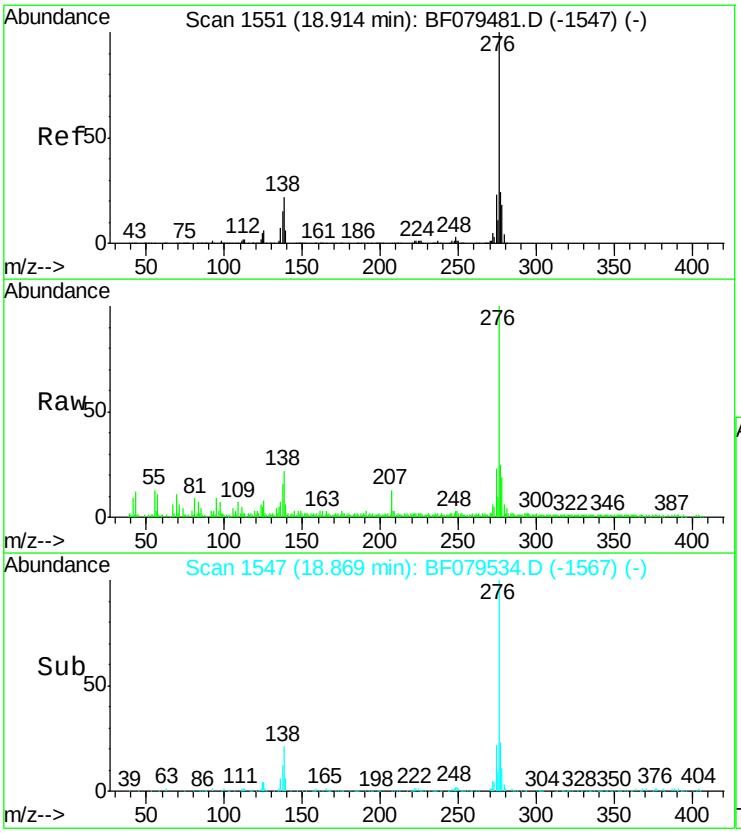
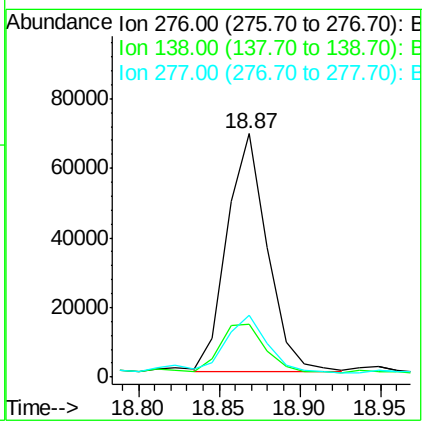


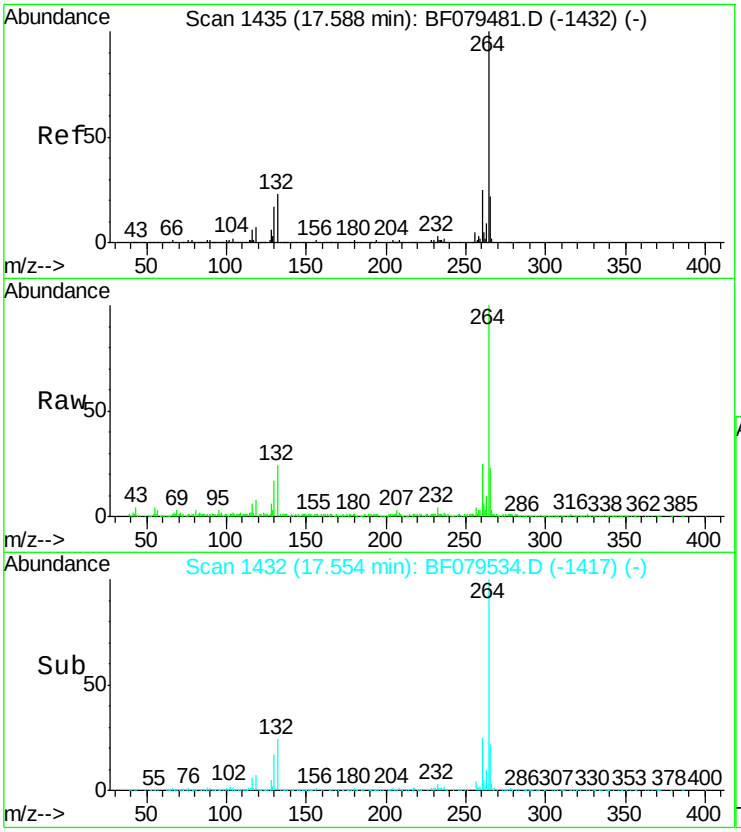


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.57 ng m
RT: 18.87 min Scan# 1547
Delta R.T. -0.43 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:276 Resp: 120187

Ion	Ratio	Lower	Upper
276	100		
138	25.3	21.4	32.2
277	25.3	19.8	29.6

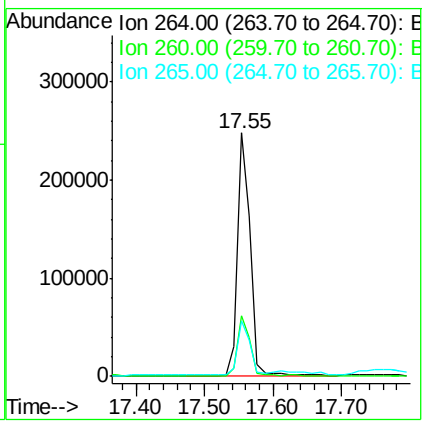




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.55 min Scan# 1432
Delta R.T. -0.33 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:264 Resp: 319394

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.8
265	22.8	17.8	26.6



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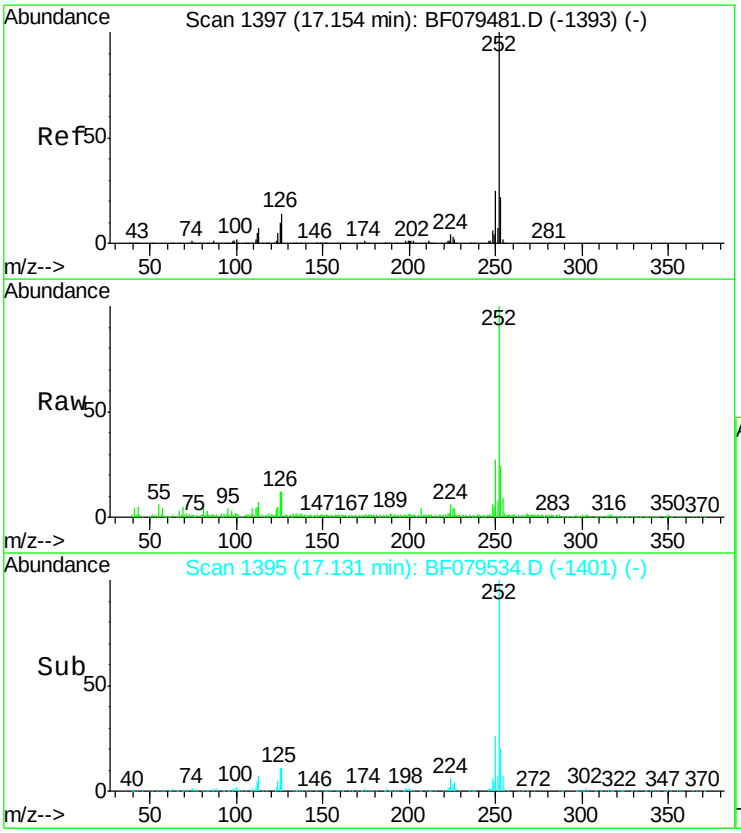
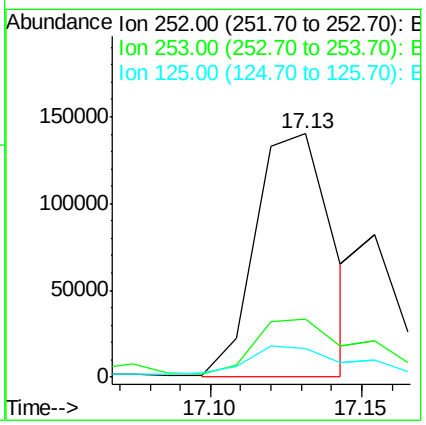
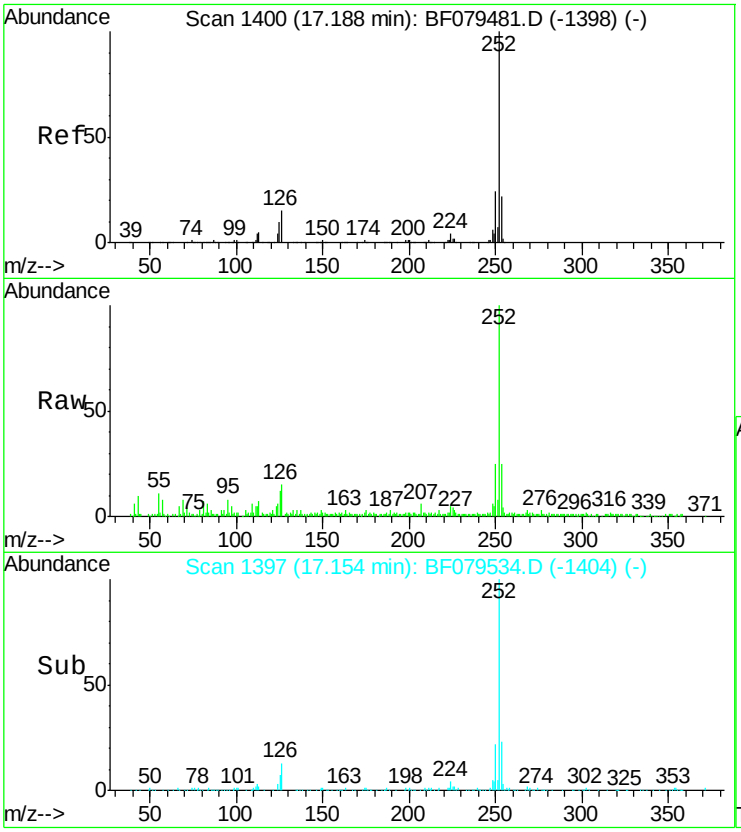


#87
Benzo(b)fluoranthene
Concen: 13.57 ng m
RT: 17.13 min Scan# 1395
Delta R.T. -0.25 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:252 Resp: 247210

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	12.0	7.8	11.6#

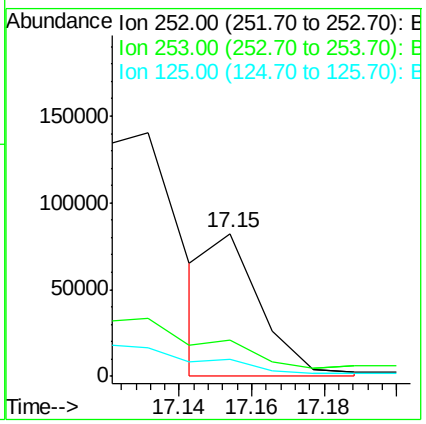




#88
Benzo(k)fluoranthene
Concen: 4.80 ng m
RT: 17.15 min Scan# 1397
Delta R.T. -0.26 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:252 Resp: 78246

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.2	25.8
125	11.9	6.8	10.2#



Instrument :
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ClientSampleId :
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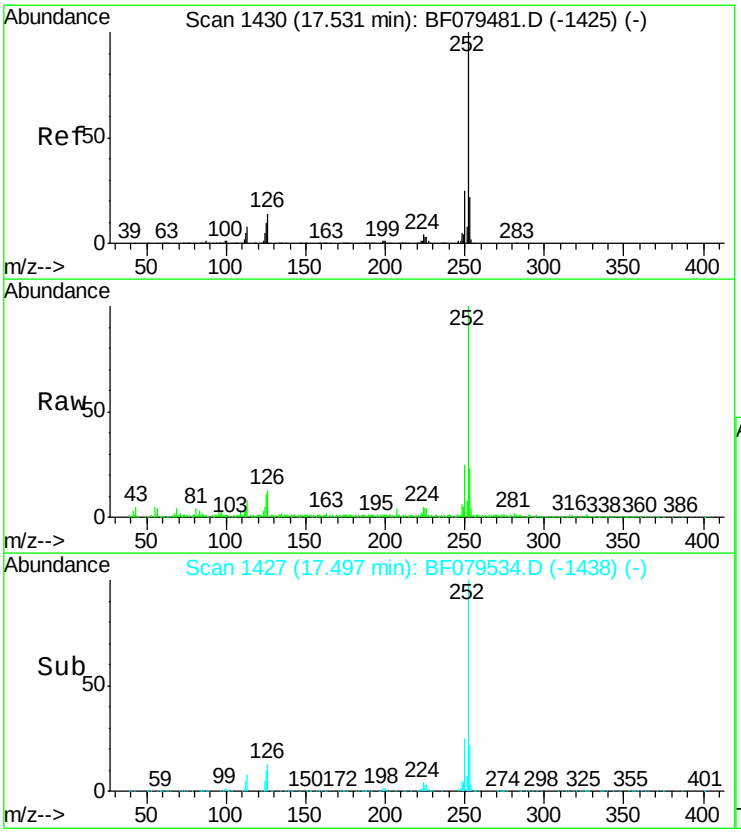
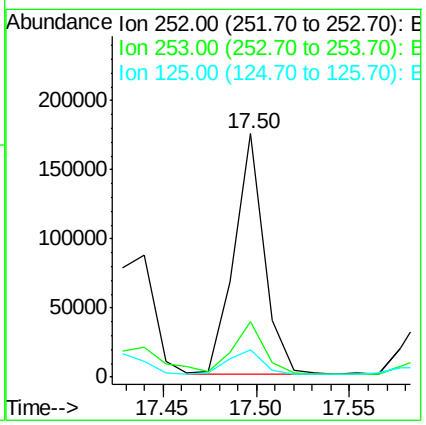
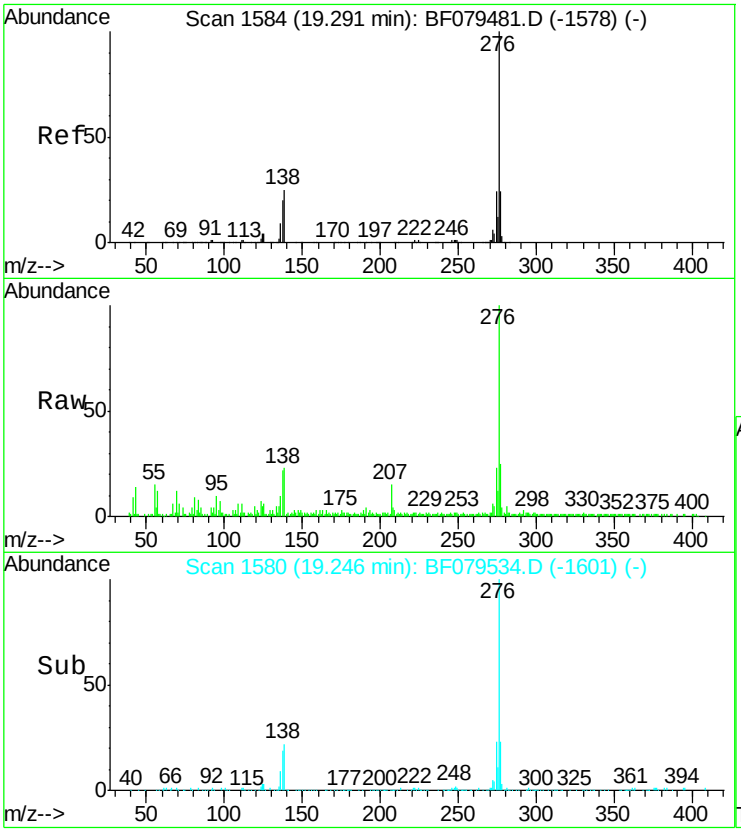


#89
Benzo(a)pyrene
Concen: 10.90 ng
RT: 17.50 min Scan# 1427
Delta R.T. -0.31 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:252 Resp: 197395

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.2	7.9	11.9

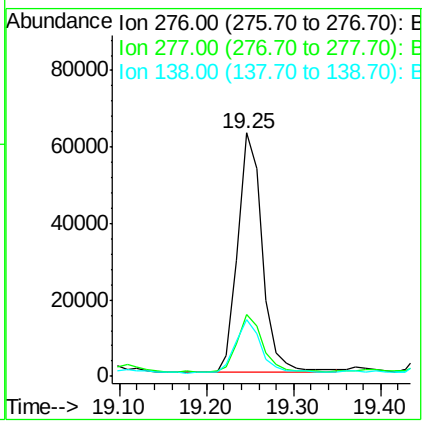




#91
Benzo(g,h,i)perylene
Concen: 4.98 ng
RT: 19.25 min Scan# 1580
Delta R.T. -0.45 min
Lab File: BF079534.D
Acq: 27 May 2015 22:52

Tgt Ion:276 Resp: 124230

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.1	28.7
138	23.1	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
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