Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079523.D
Acq On : 27 May 2015 17:33
Operator : TP/IZ
Sample : G2359-12 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-26S

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Quant Time: May 28 01:16:40 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	60635	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	258625	20.00	ng	0.00
38) Acenaphthene-d10	10.74	164	131845	20.00	ng	0.00
63) Phenanthrene-d10	12.58	188	243879	20.00	ng	0.00
75) Chrysene-d12	15.87	240	245653	20.00	ng	-0.07
86) Perylene-d12	17.68	264	266838	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	82927m	23.72	ng	0.00
7) Phenol-d6	6.59	99	109630m	24.60	ng	0.00
23) Nitrobenzene-d5	7.70	82	58530	13.08	ng	0.00
41) 2,4,6-Tribromophenol	11.72	330	31675	21.87	ng	-0.01
44) 2-Fluorobiphenyl	9.92	172	139981	15.15	ng	-0.01
78) Terphenyl-d14	14.57	244	152563	14.58	ng	-0.02
Target Compounds						Qvalue
51) Acenaphthene	10.79	154	15789	2.05	ng	99
70) Phenanthrene	12.61	178	275404	20.58	ng	100
71) Anthracene	12.67	178	72952	5.37	ng	99
74) Fluoranthene	14.08	202	445028	31.02	ng	95
77) Pyrene	14.37	202	424407	27.89	ng	99
80) Benzo(a)anthracene	15.86	228	237051	16.77	ng	97
82) Chrysene	15.91	228	195232	14.53	ng	98
85) Indeno(1,2,3-cd)pyrene	19.02	276	163949m	9.49	ng	
87) Benzo(b)fluoranthene	17.21	252	301624m	19.82	ng	
88) Benzo(k)fluoranthene	17.25	252	95607m	7.03	ng	
89) Benzo(a)pyrene	17.61	252	226382	15.71	ng	99
91) Benzo(g,h,i)perylene	19.41	276	158372	9.55	ng	97

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079523.D
Acq On : 27 May 2015 17:33
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Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
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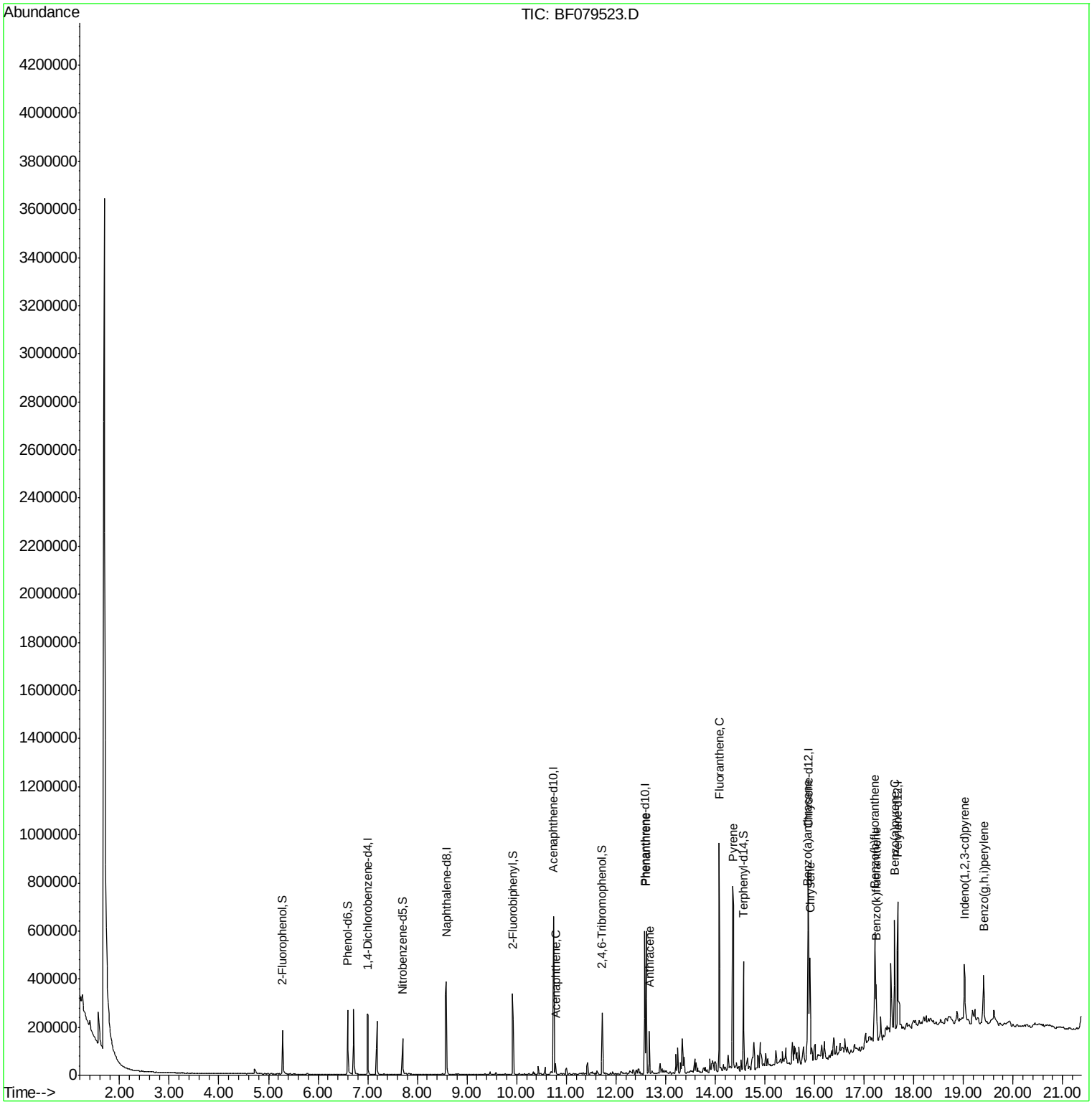
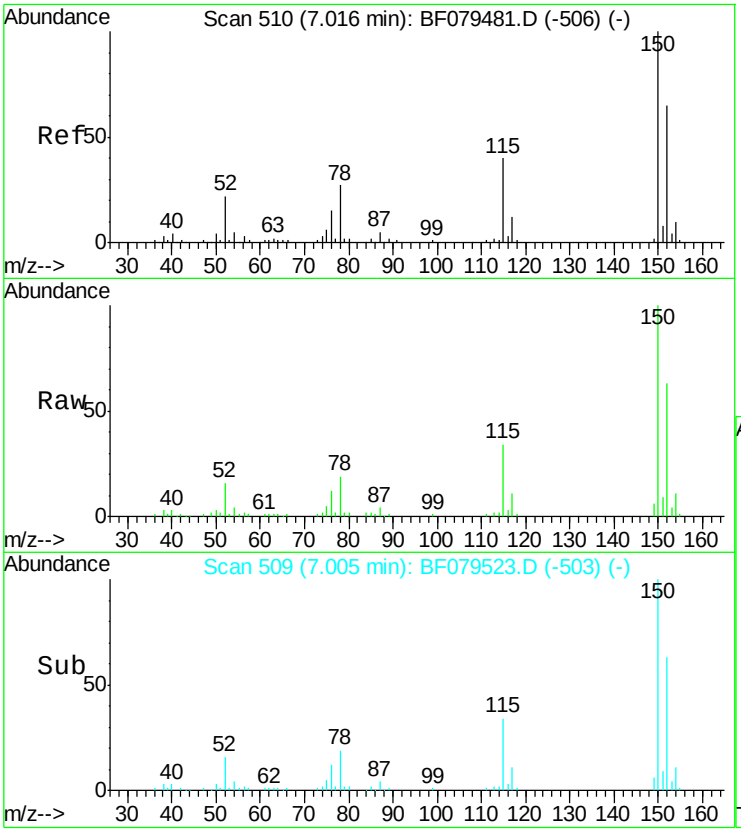
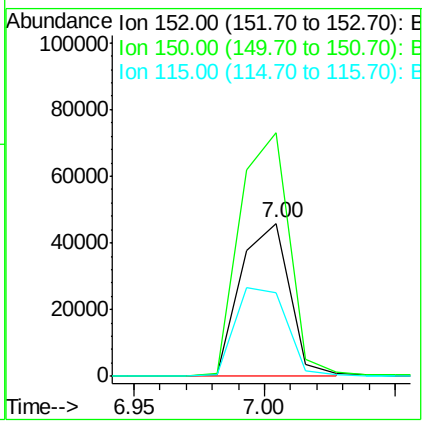




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:152 Resp: 60635

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.0	186.0
115	54.3	49.6	74.4



Instrument :
BNA_F
ClientSampleId :
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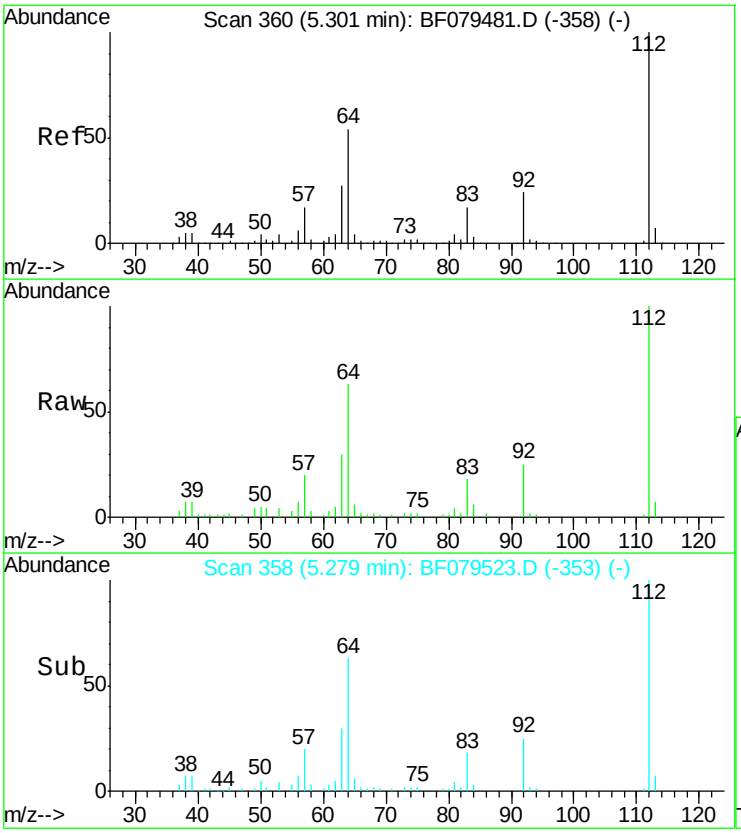
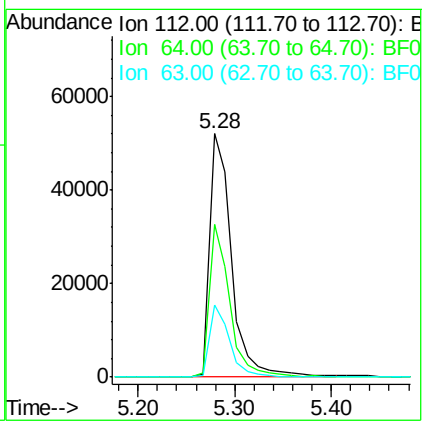
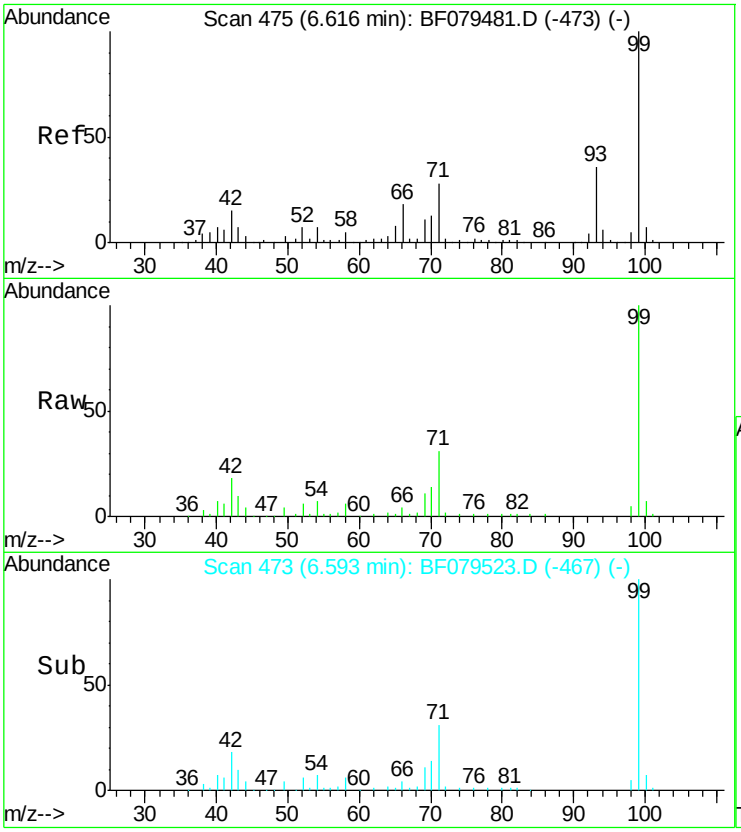


#5
2-Fluorophenol
Concen: 23.72 ng m
RT: 5.28 min Scan# 358
Delta R.T. -0.00 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:112 Resp: 82927

Ion	Ratio	Lower	Upper
112	100		
64	62.6	43.5	65.3
63	29.8	21.8	32.8





#7
Phenol-d6
Concen: 24.60 ng m
RT: 6.59 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion: 99 Resp: 109630

Ion	Ratio	Lower	Upper
99	100		
42	18.4	11.9	17.9#
71	30.5	22.1	33.1

Instrument :
BNA_F
ClientSampleId :
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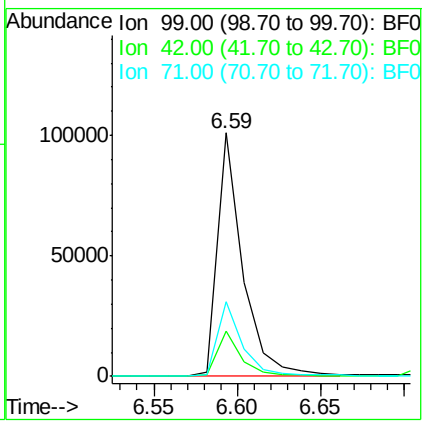
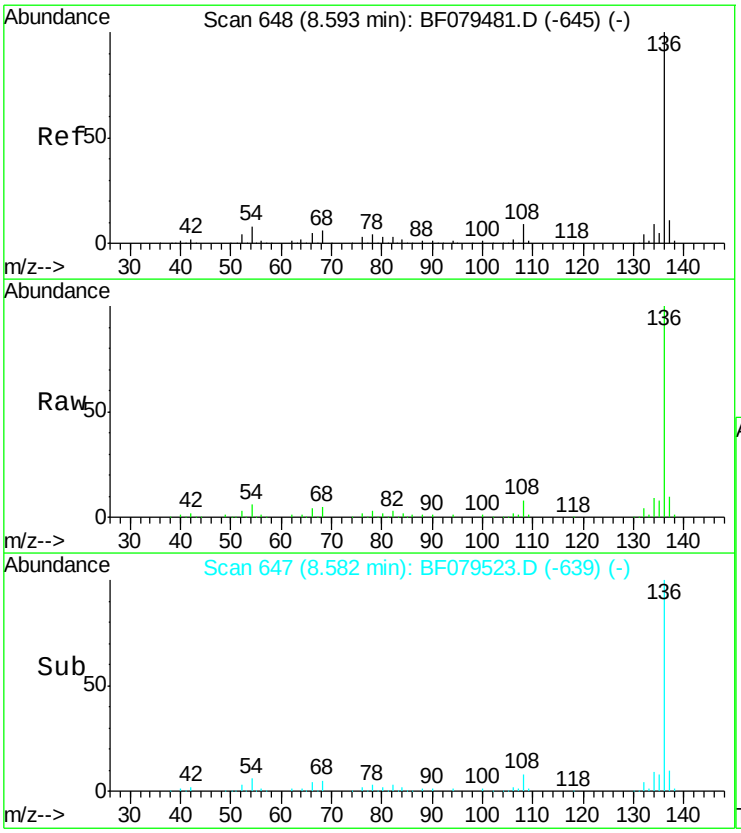
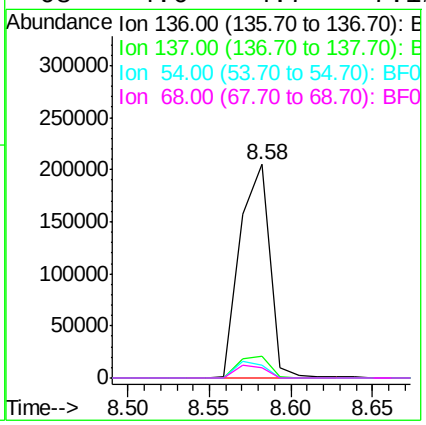


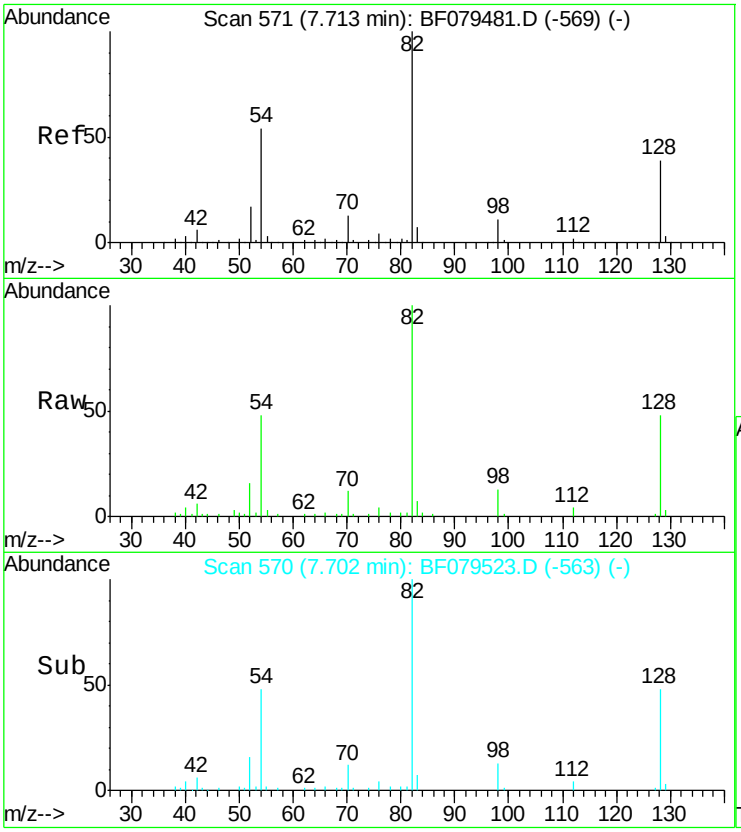


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:136 Resp: 258625

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	5.8	6.6	9.8#
68	4.6	4.7	7.1#

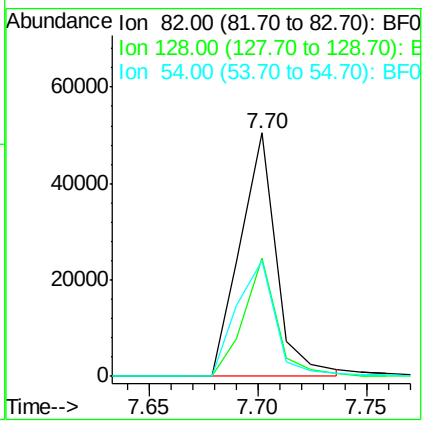




#23
Nitrobenzene-d5
Concen: 13.08 ng
RT: 7.70 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion: 82 Resp: 58530

Ion	Ratio	Lower	Upper
82	100		
128	48.3	30.8	46.2#
54	47.7	42.8	64.2



Instrument :
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ClientSampleId :
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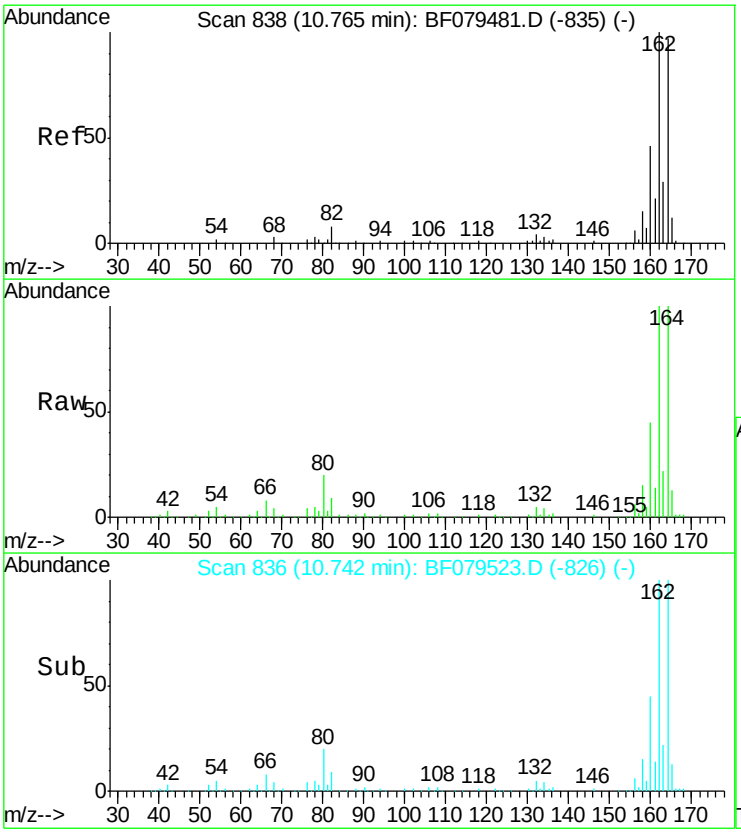
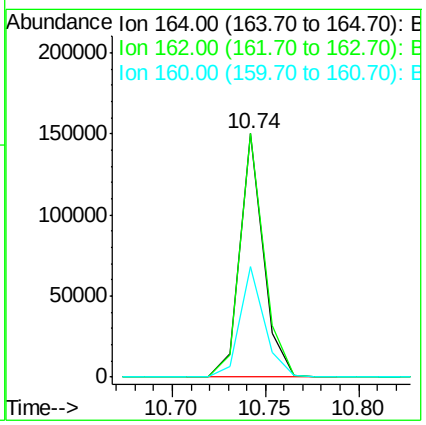
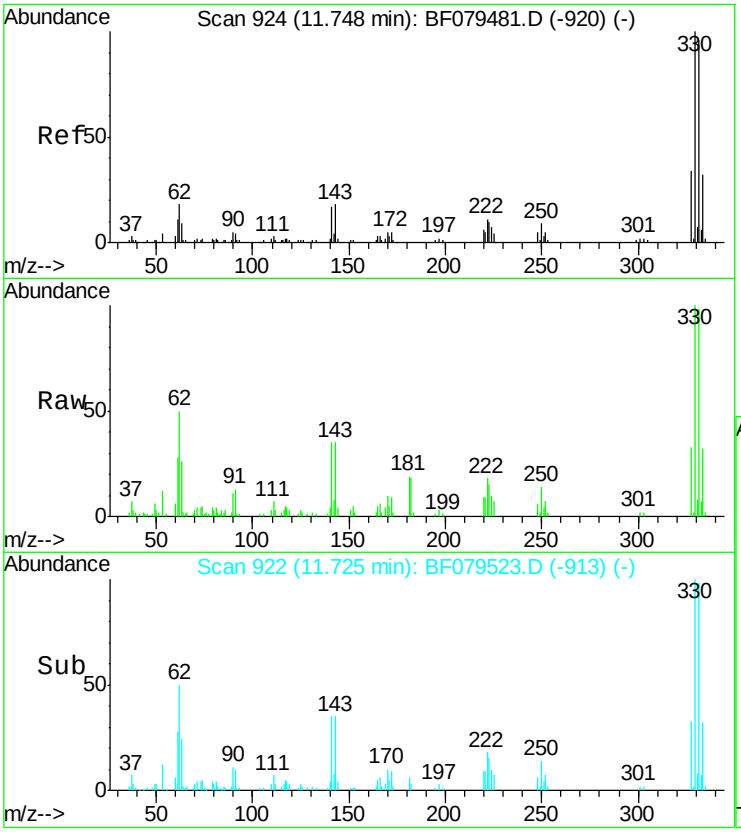


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:164 Resp: 131845

Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.6	124.0
160	45.4	37.7	56.5

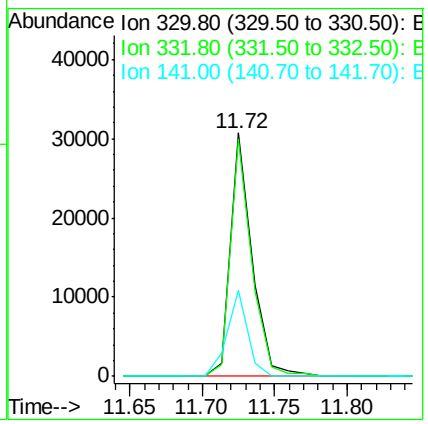




#41
2,4,6-Tribromophenol
Concen: 21.87 ng
RT: 11.72 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:330 Resp: 31675

Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	33.6	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
SB-26S

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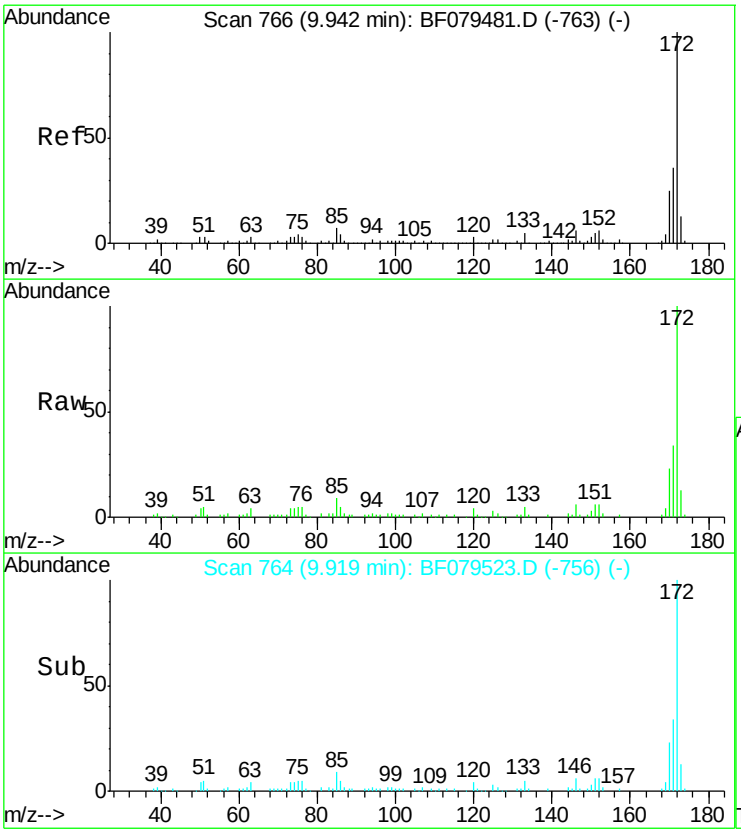
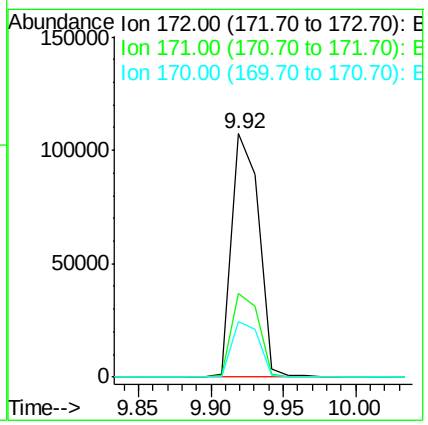
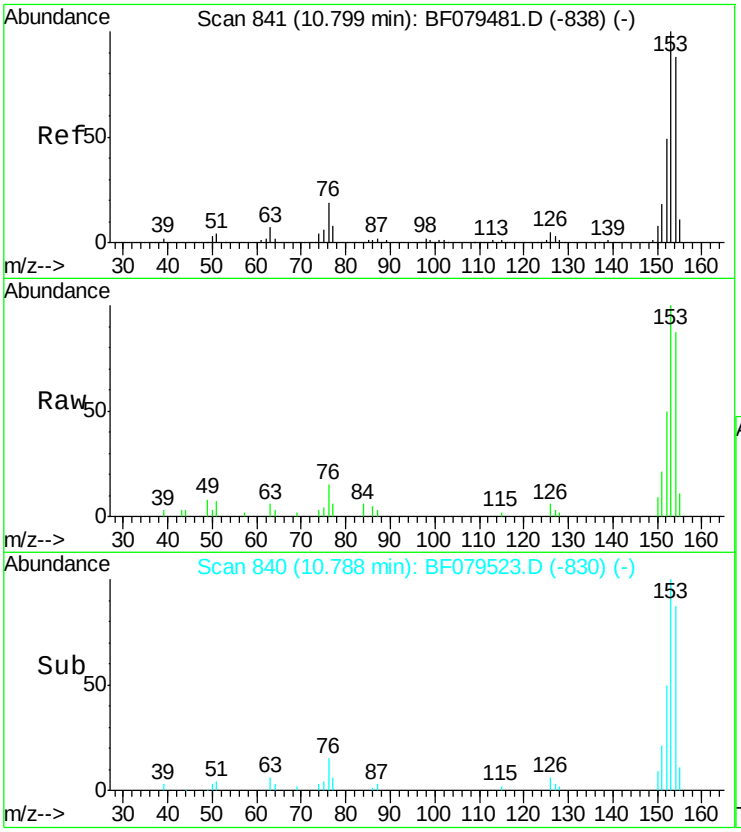


#44
2-Fluorobiphenyl
Concen: 15.15 ng
RT: 9.92 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:172 Resp: 139981

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	22.8	19.7	29.5

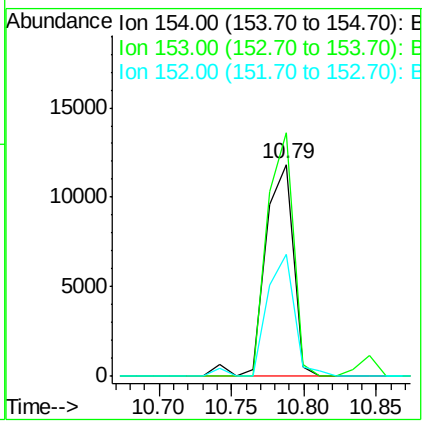




#51
Acenaphthene
Concen: 2.05 ng
RT: 10.79 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:154 Resp: 15789

Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.1	136.7
152	57.7	44.6	66.8



Instrument :
BNA_F
ClientSampleId :
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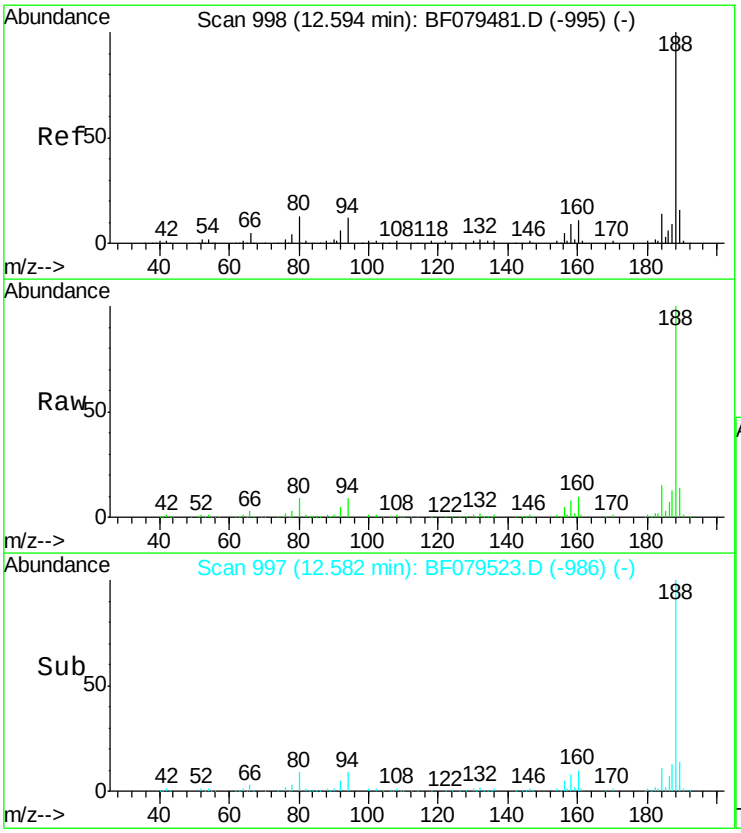
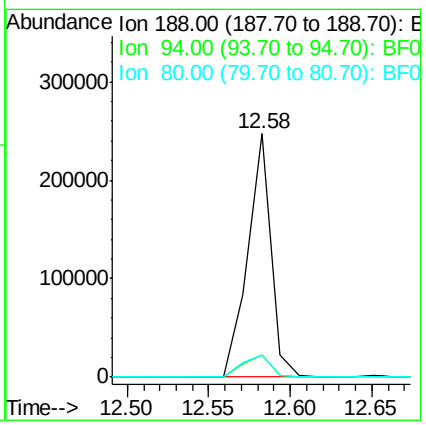
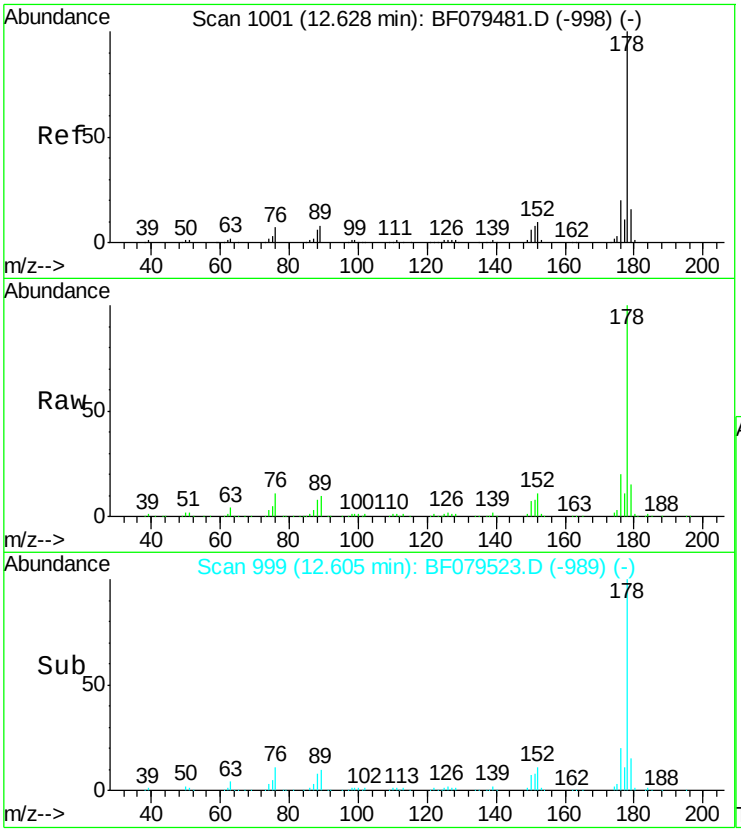


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:188 Resp: 243879

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.8	14.6#
80	9.0	10.5	15.7#

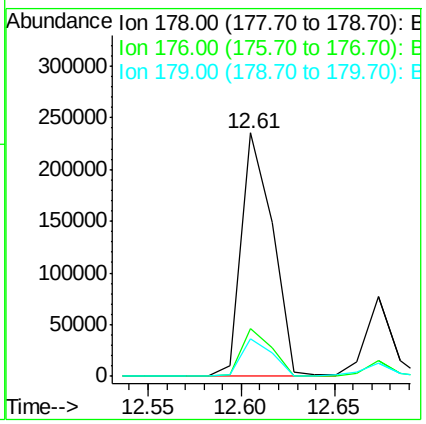




#70
Phenanthrene
Concen: 20.58 ng
RT: 12.61 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:178 Resp: 275404

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.4	12.4	18.6



Instrument :
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ClientSampleId :
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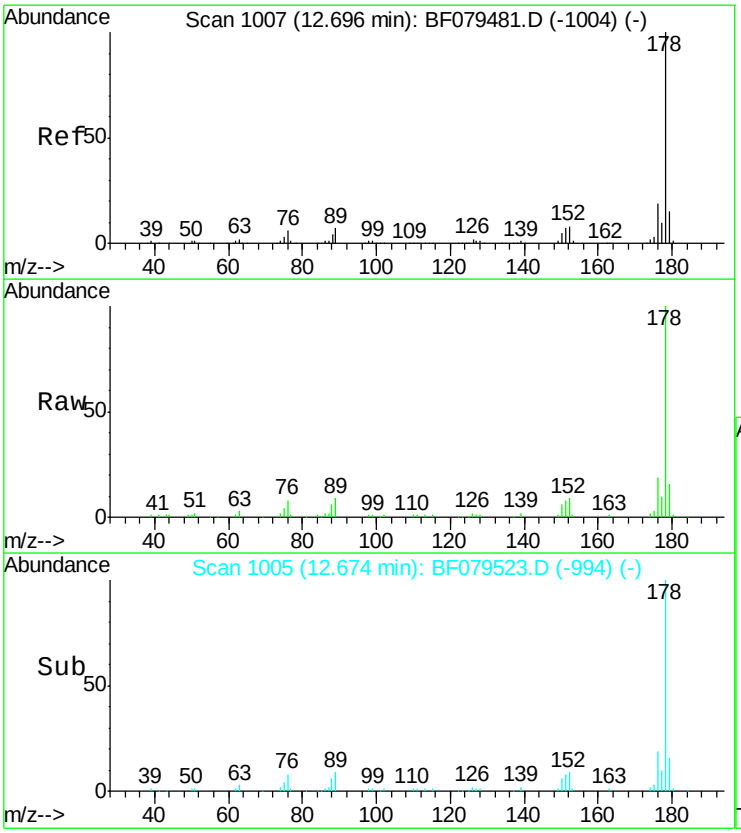
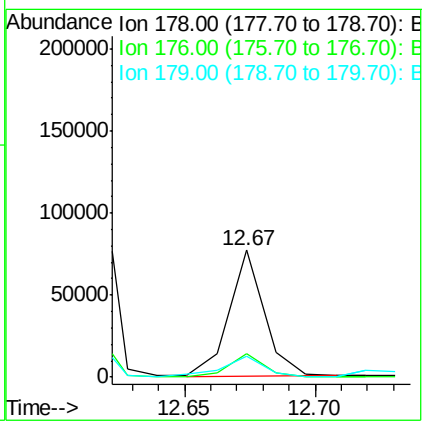
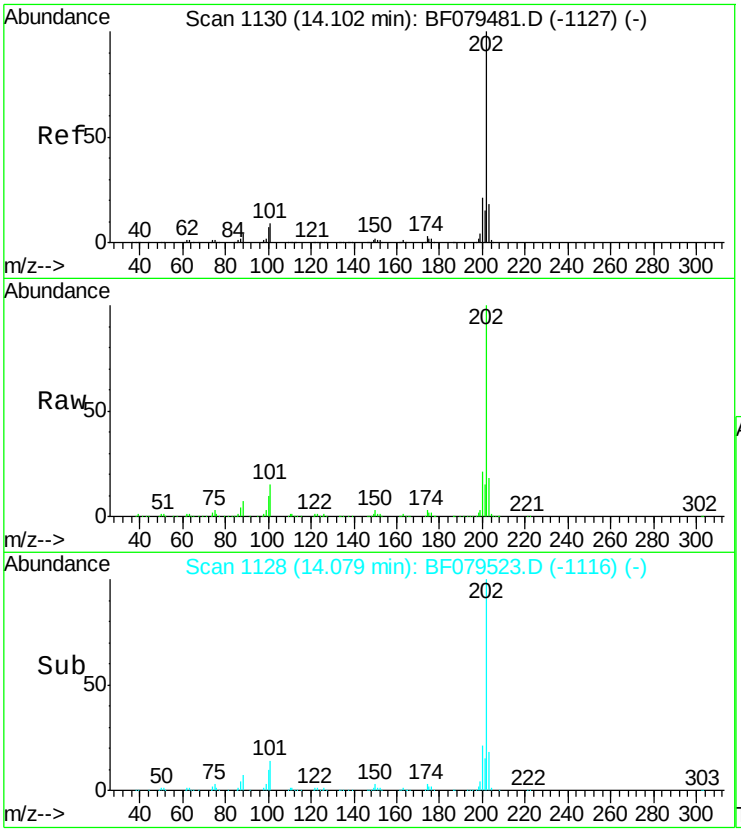


#71
Anthracene
Concen: 5.37 ng
RT: 12.67 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:178 Resp: 72952

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	16.4	12.2	18.4





#74
Fluoranthene
Concen: 31.02 ng
RT: 14.08 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:202 Resp: 445028

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	29.3
203	17.8	0.0	37.6

Instrument :
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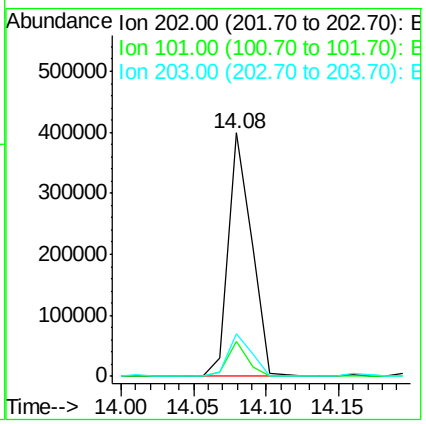
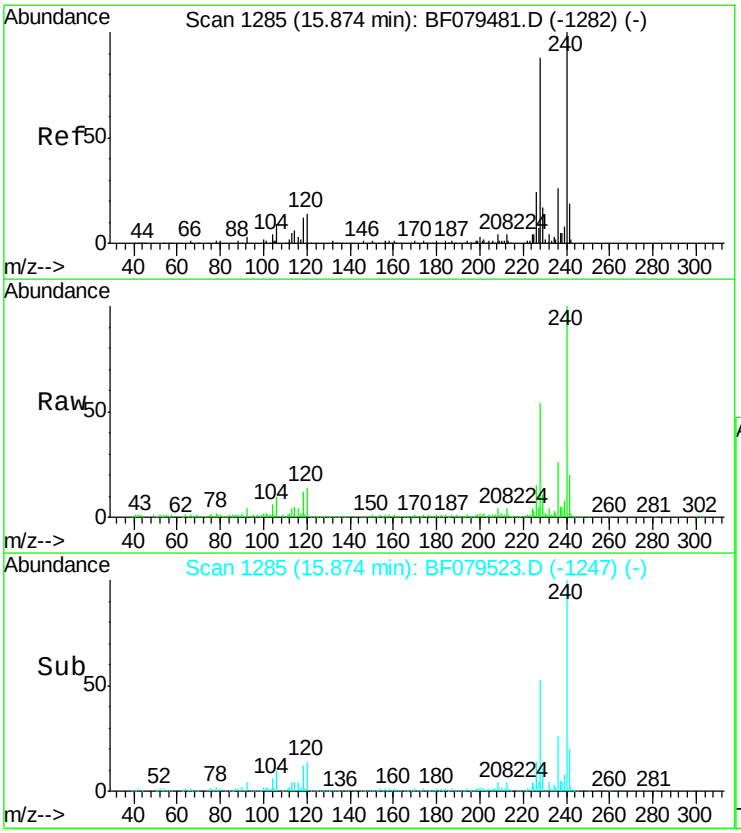
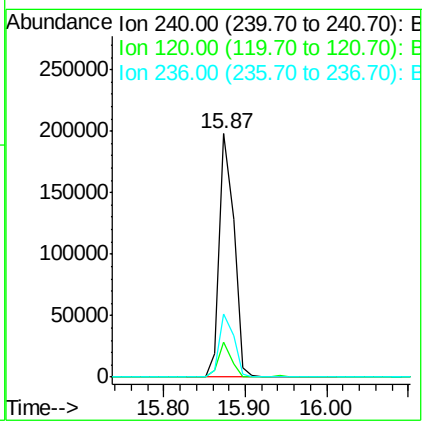


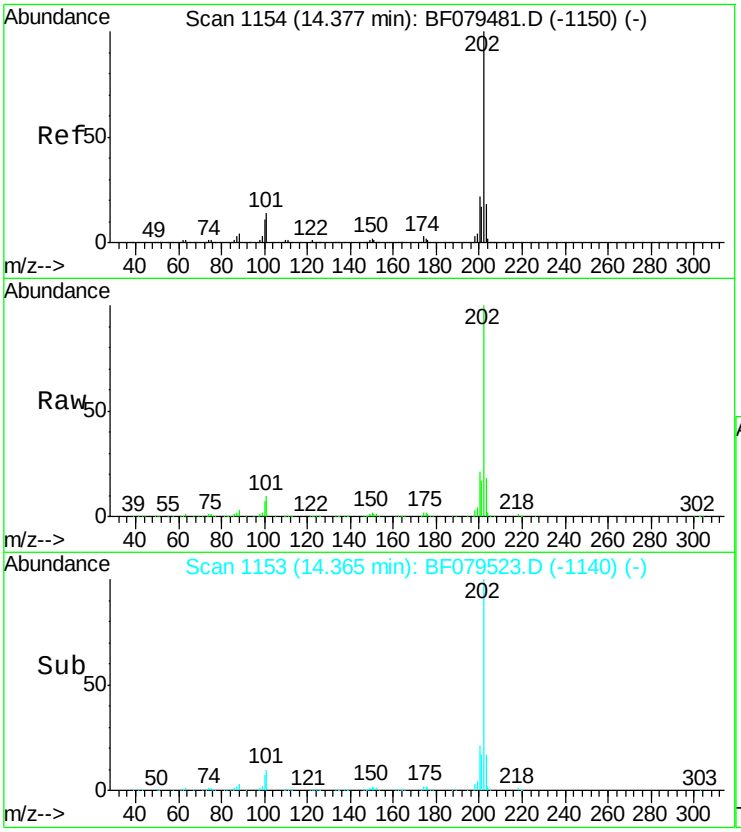


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.87 min Scan# 1285
Delta R.T. -0.07 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:240 Resp: 245653

Ion	Ratio	Lower	Upper
240	100		
120	14.3	10.8	16.2
236	25.8	21.0	31.6

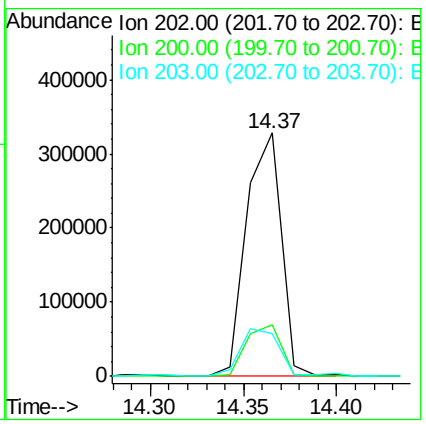




#77
Pyrene
Concen: 27.89 ng
RT: 14.37 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:202 Resp: 424407

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.5	26.3
203	17.6	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
SB-26S

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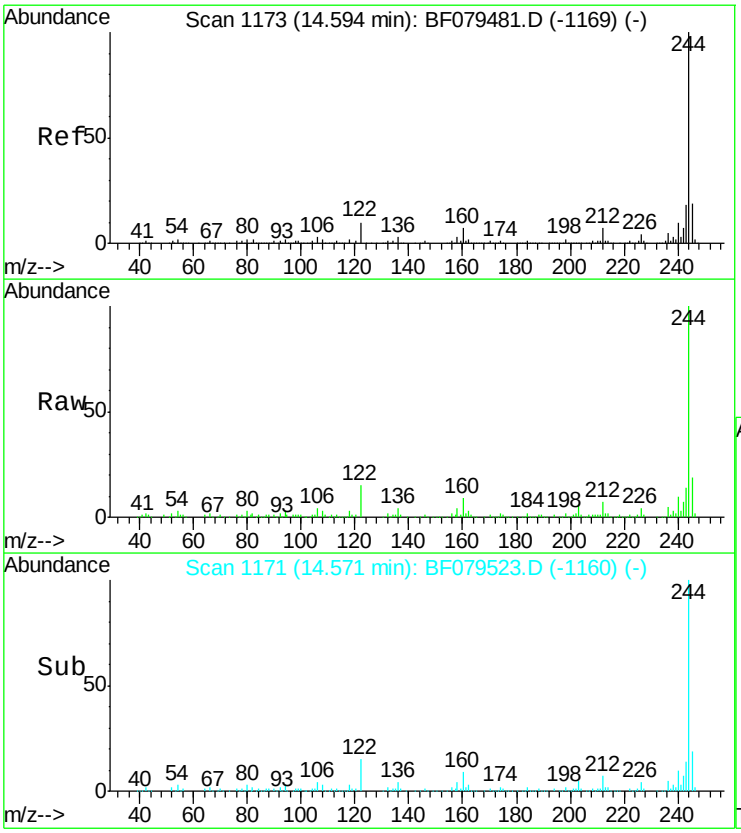
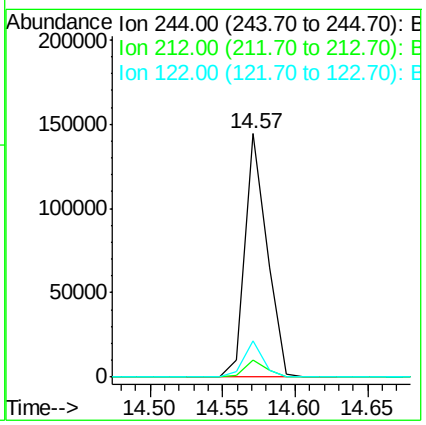
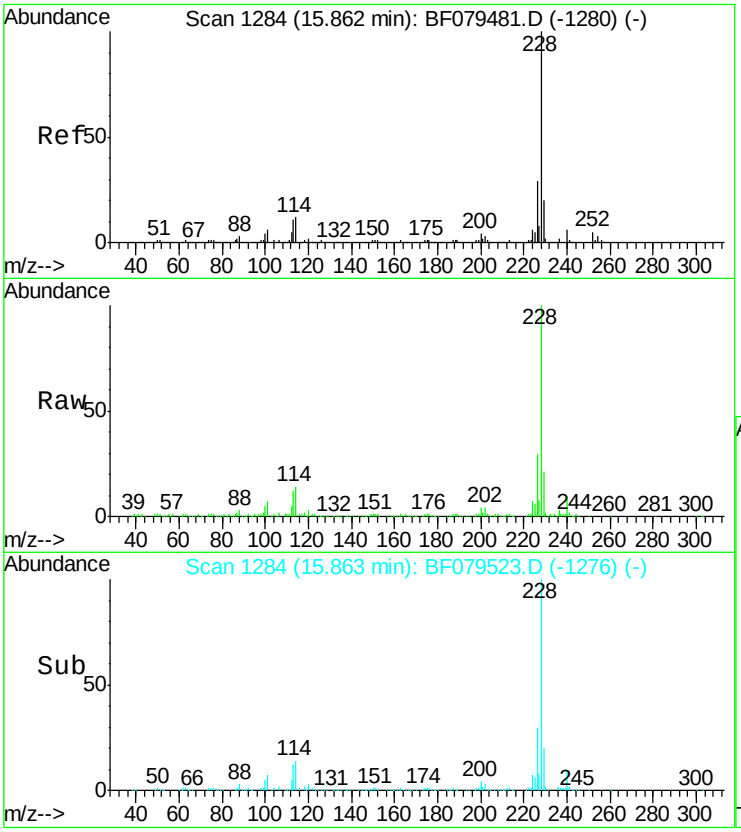


#78
Terphenyl-d14
Concen: 14.58 ng
RT: 14.57 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:244 Resp: 152563

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.2	7.8
122	14.7	8.0	12.0#

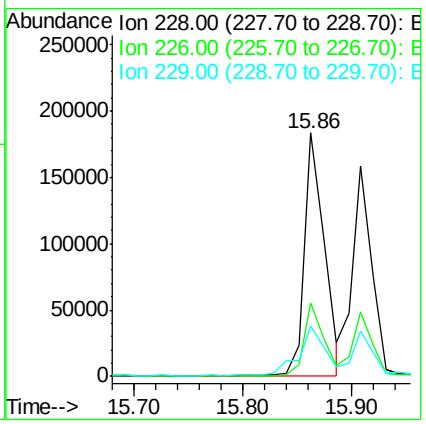




#80
Benzo(a)anthracene
Concen: 16.77 ng
RT: 15.86 min Scan# 1284
Delta R.T. -0.07 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:228 Resp: 237051

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.8	34.2
229	20.7	15.9	23.9



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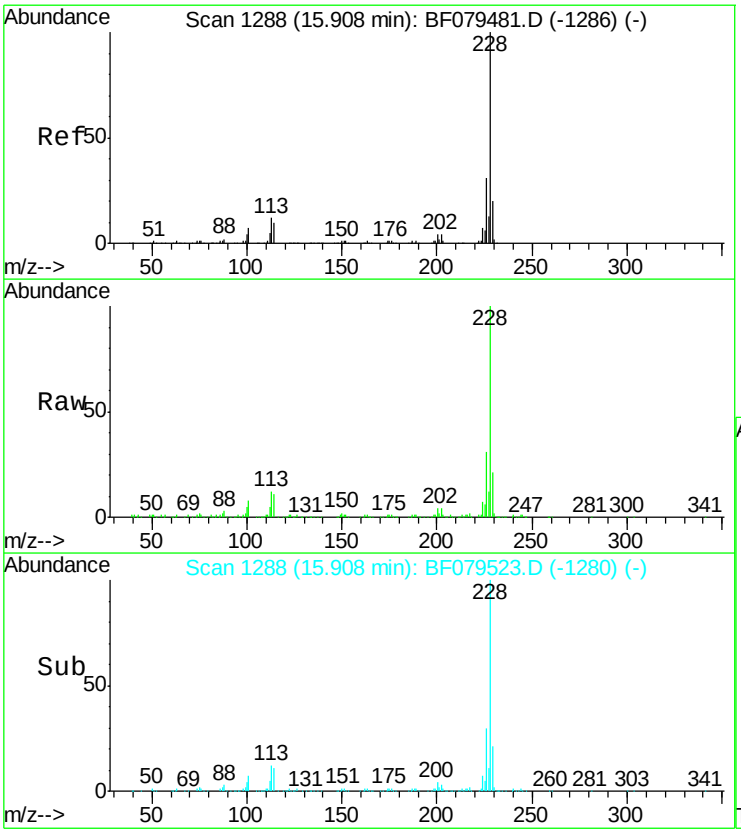
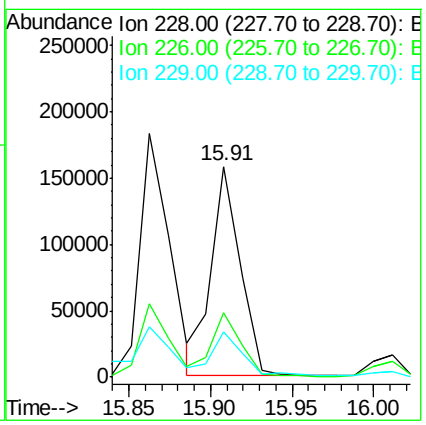
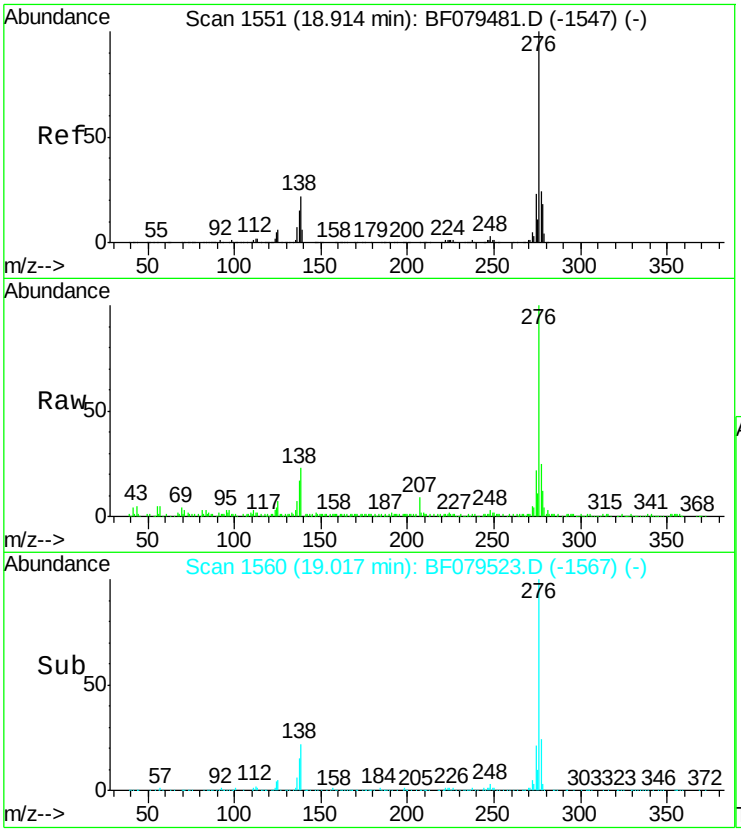


#82
Chrysene
Concen: 14.53 ng
RT: 15.91 min Scan# 1288
Delta R.T. -0.07 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:228 Resp: 195232

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.4
229	21.2	15.9	23.9





#85
Indeno(1,2,3-cd)pyrene
Concen: 9.49 ng m
RT: 19.02 min Scan# 1560
Delta R.T. -0.29 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:276 Resp: 163949

Ion	Ratio	Lower	Upper
276	100		
138	3.9	21.4	32.2#
277	0.0	19.8	29.6#

Instrument :
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ClientSampleId :
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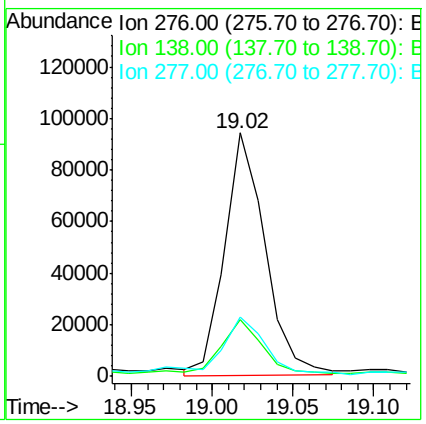
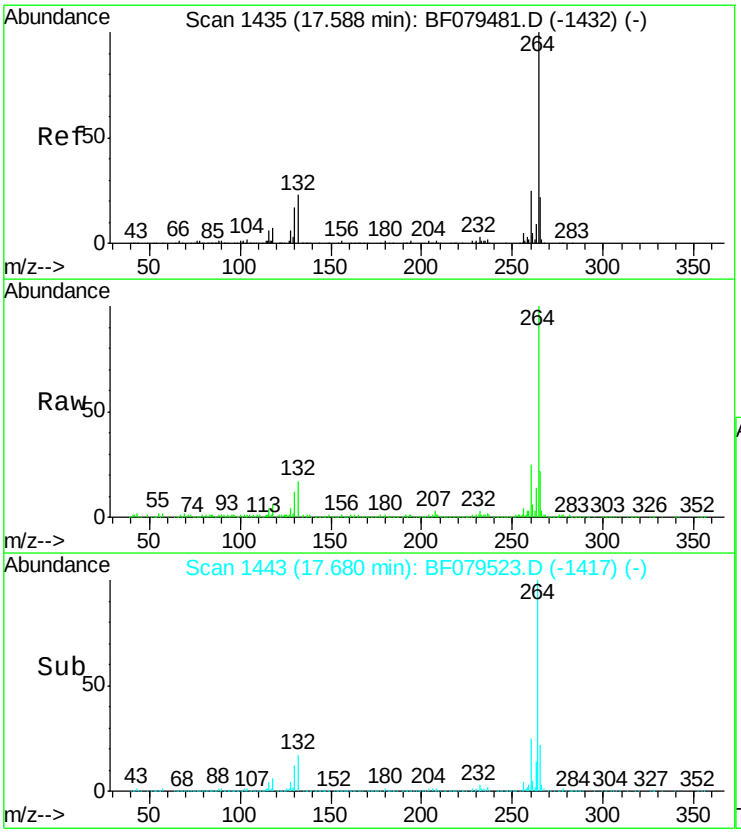
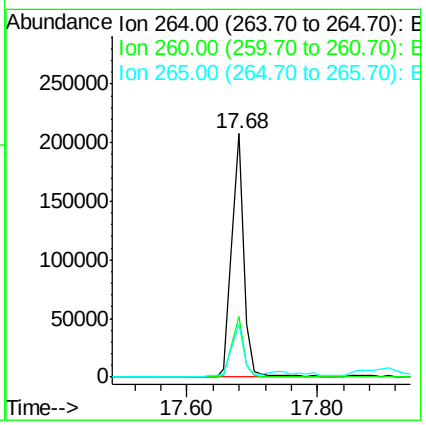


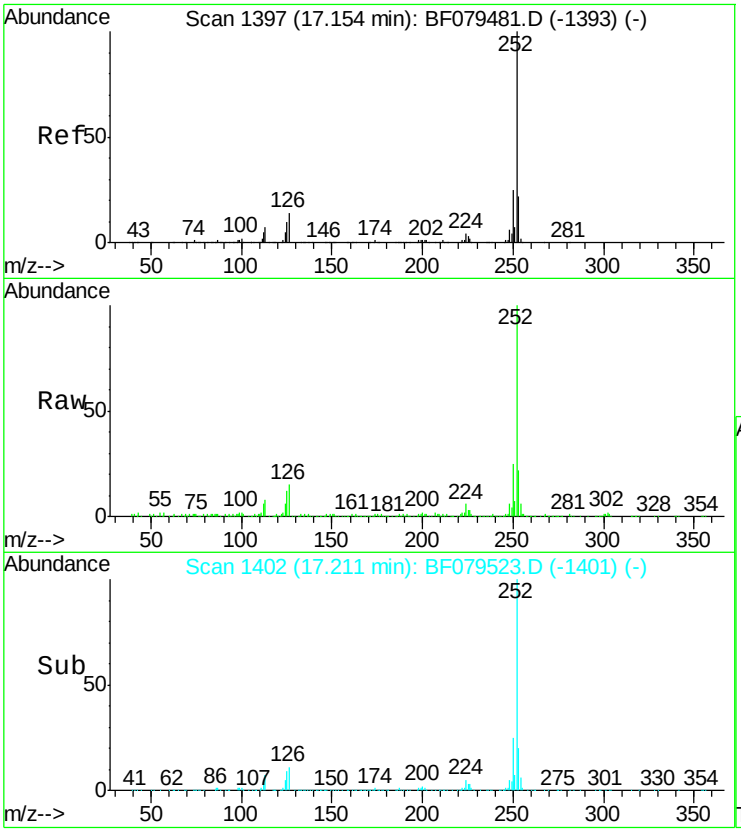


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.68 min Scan# 1443
Delta R.T. -0.21 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:264 Resp: 266838

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.8
265	21.9	17.8	26.6

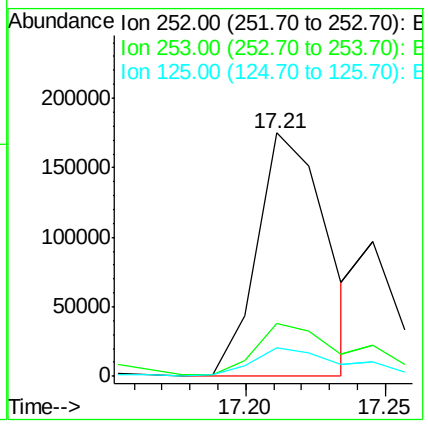




#87
Benzo(b)fluoranthene
Concen: 19.82 ng m
RT: 17.21 min Scan# 1402
Delta R.T. -0.17 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:252 Resp: 301624

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.5	7.8	11.6



Instrument :
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ClientSampleId :
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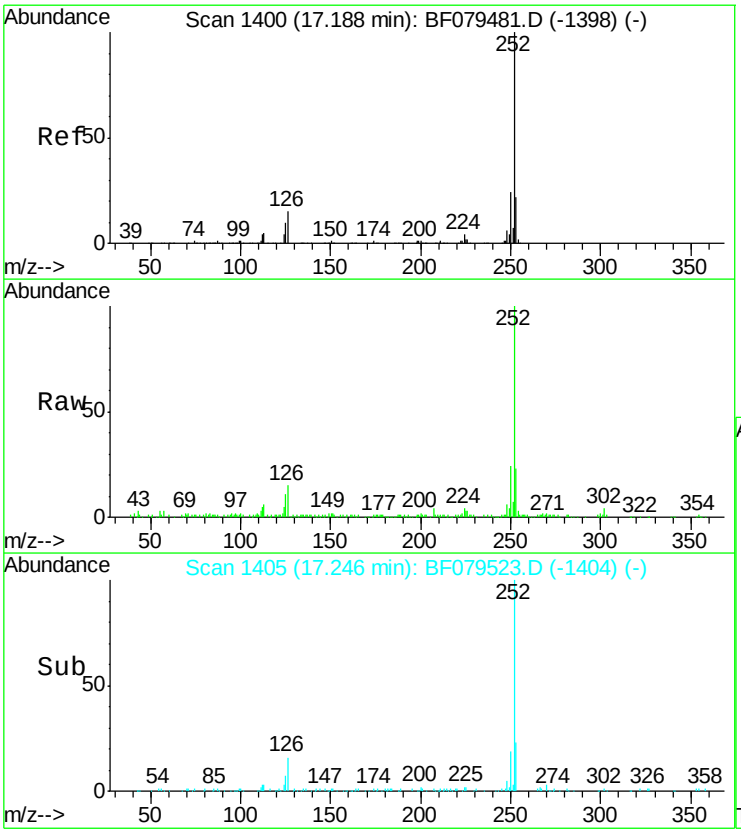
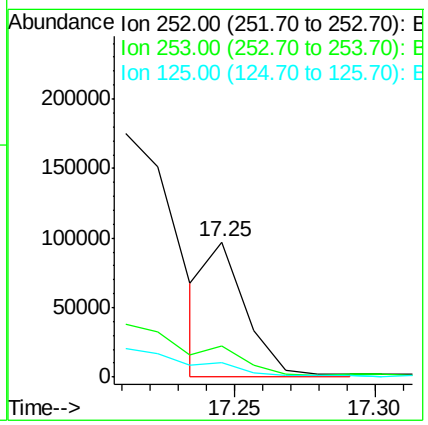
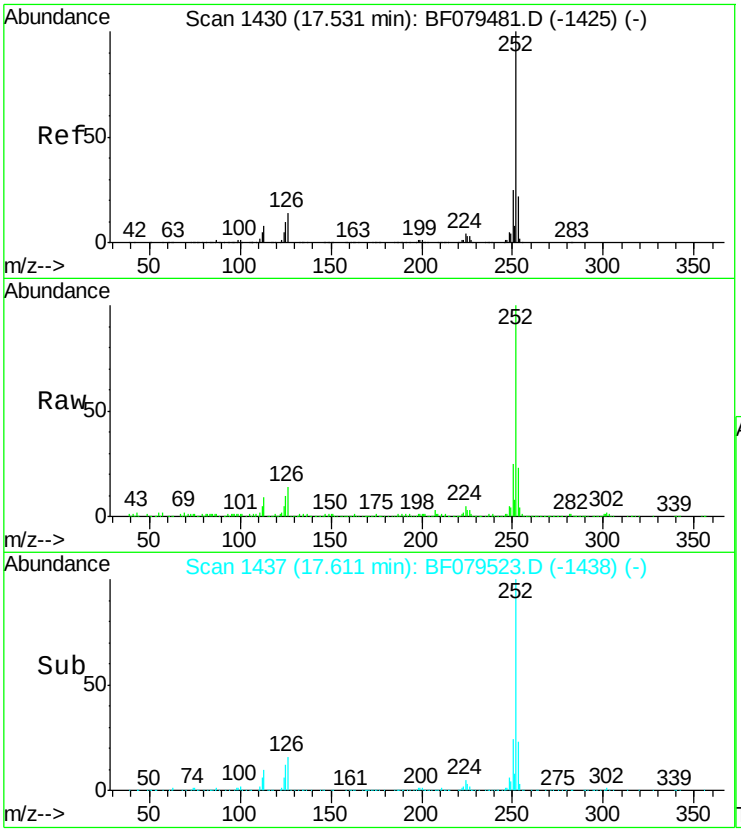


#88
Benzo(k)fluoranthene
Concen: 7.03 ng m
RT: 17.25 min Scan# 1405
Delta R.T. -0.17 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:252 Resp: 95607

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	10.6	6.8	10.2#

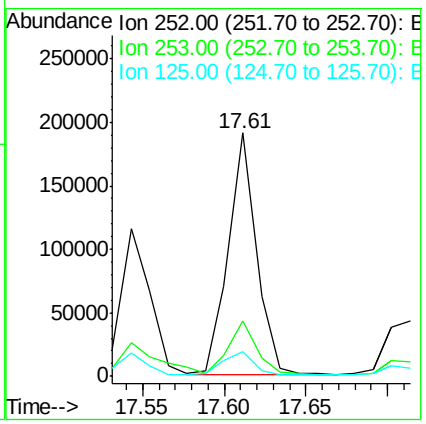




#89
Benzo(a)pyrene
Concen: 15.71 ng
RT: 17.61 min Scan# 1437
Delta R.T. -0.19 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:252 Resp: 226382

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.4	7.9	11.9



Instrument :
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ClientSampleId :
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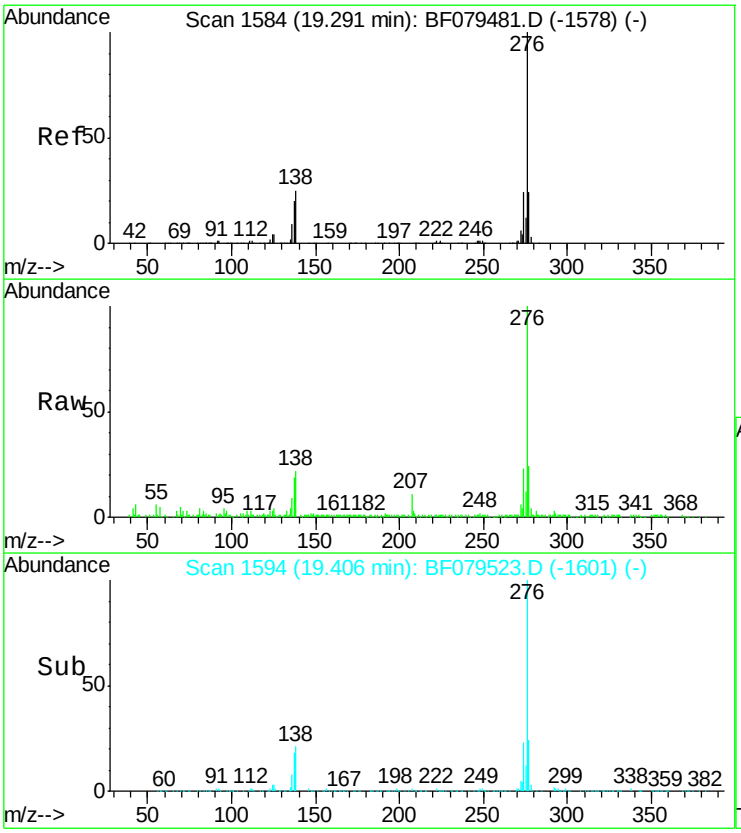

#91
Benzo(g,h,i)perylene
Concen: 9.55 ng
RT: 19.41 min Scan# 1594
Delta R.T. -0.29 min
Lab File: BF079523.D
Acq: 27 May 2015 17:33

Tgt Ion:276 Resp: 158372

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	22.2	20.1	30.1