Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077569.D
Acq On : 4 Mar 2015 3:22
Operator : TP/IZ
Sample : G1402-04DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW41DL2

Manual Integrations APPROVED
mohammad
3/4/2015 4:42:21 PM

Quant Time: Mar 04 07:00:45 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 04:46:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	84321	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	351953	20.00	ng	0.00
38) Acenaphthene-d10	10.99	164	165375	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	344885	20.00	ng	0.00
75) Chrysene-d12	16.11	240	363539	20.00	ng	0.00
86) Perylene-d12	17.79	264	338946	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1051	0.21	ng	0.00
7) Phenol-d6	6.80	99	657	0.10	ng	0.00
23) Nitrobenzene-d5	7.92	82	1712	0.30	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	669	0.42	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	3965	0.37	ng	0.00
78) Terphenyl-d14	14.82	244	5568	0.36	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.84	128	614381	34.91	ng	99
37) 2-Methylnaphthalene	9.70	142	105167	8.41	ng	97
51) Acenaphthene	11.03	154	44691	4.81	ng	98
57) Fluorene	11.67	166	33322m	2.91	ng	
70) Phenanthrene	12.86	178	156706	7.84	ng	98
71) Anthracene	12.92	178	45497	2.29	ng	96
74) Fluoranthene	14.33	202	61706	2.83	ng	96
77) Pyrene	14.61	202	97262	4.37	ng	99

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

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ClientSampleId :
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Manual Integrations APPROVED
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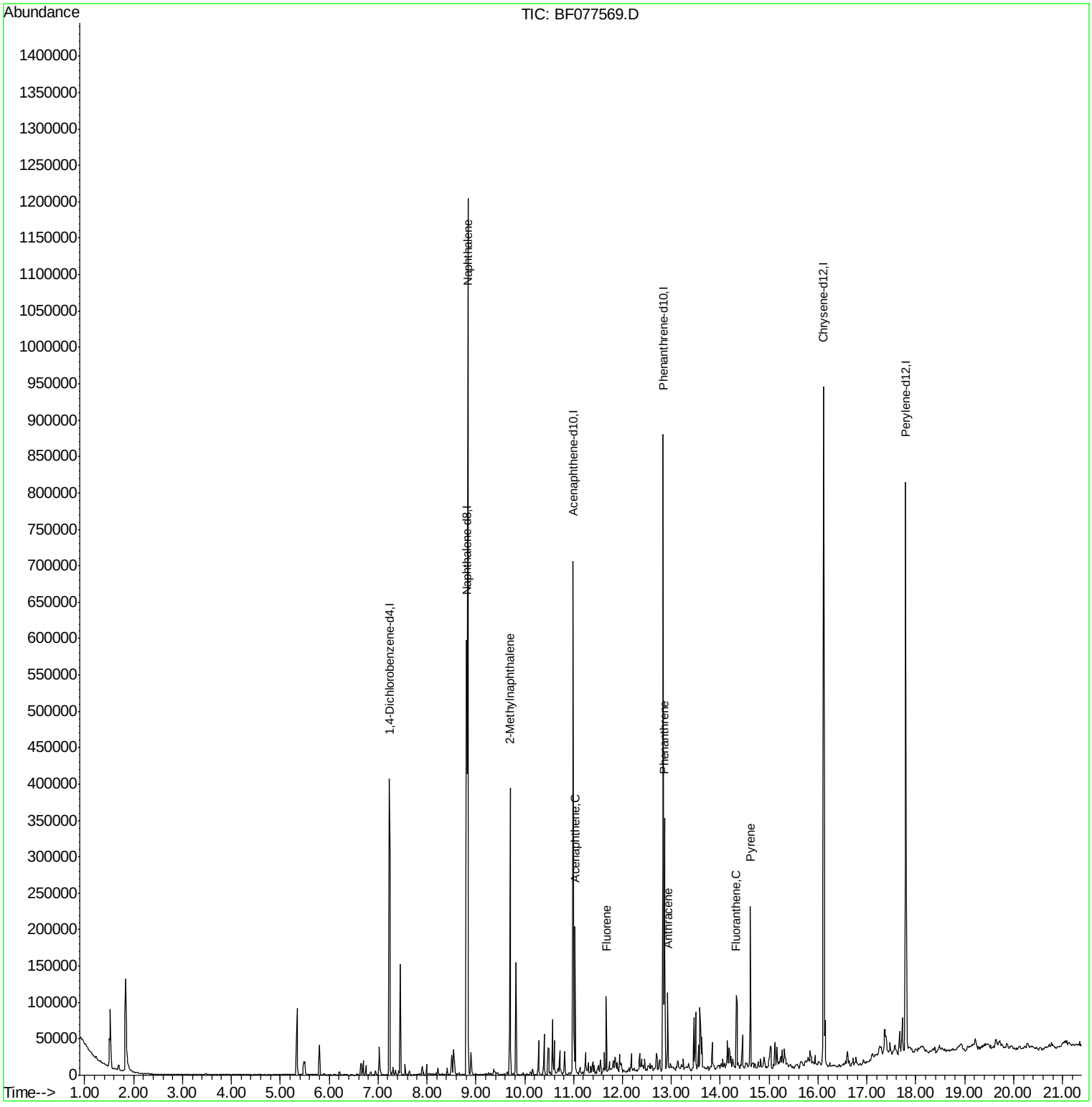
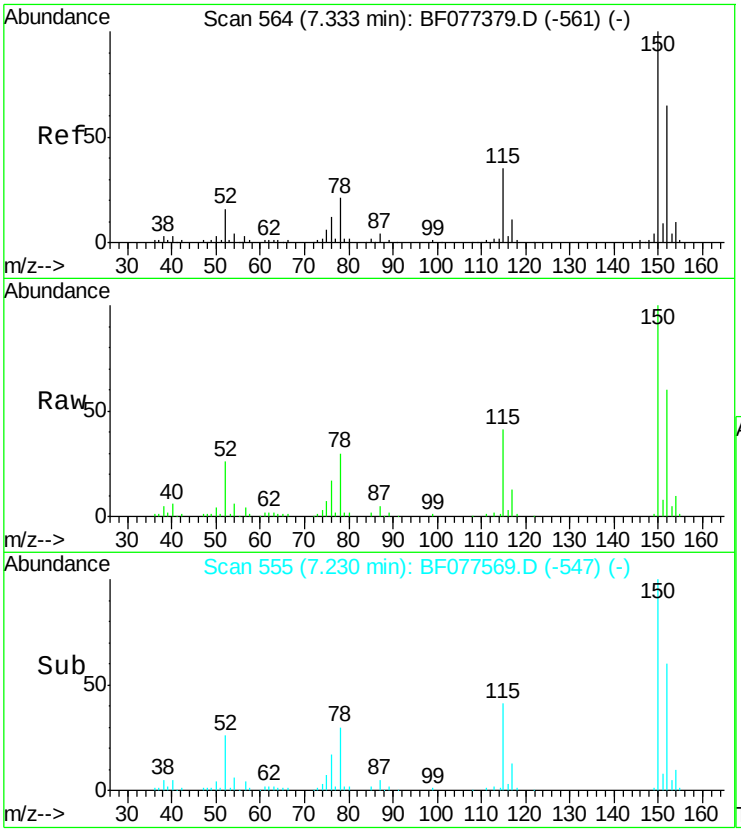
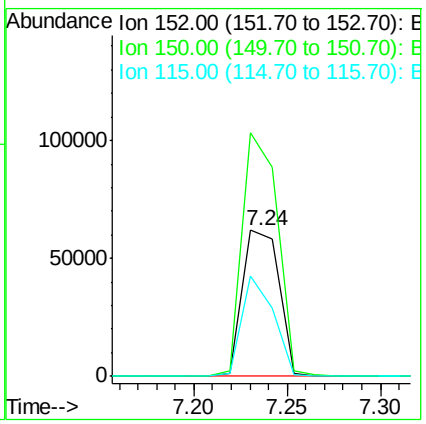




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.24 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion:152 Resp: 84321

Ion	Ratio	Lower	Upper
152	100		
150	166.9	124.0	186.0
115	68.6	49.4	74.2



Instrument :
BNA_F
ClientSampleId :
MW41DL2

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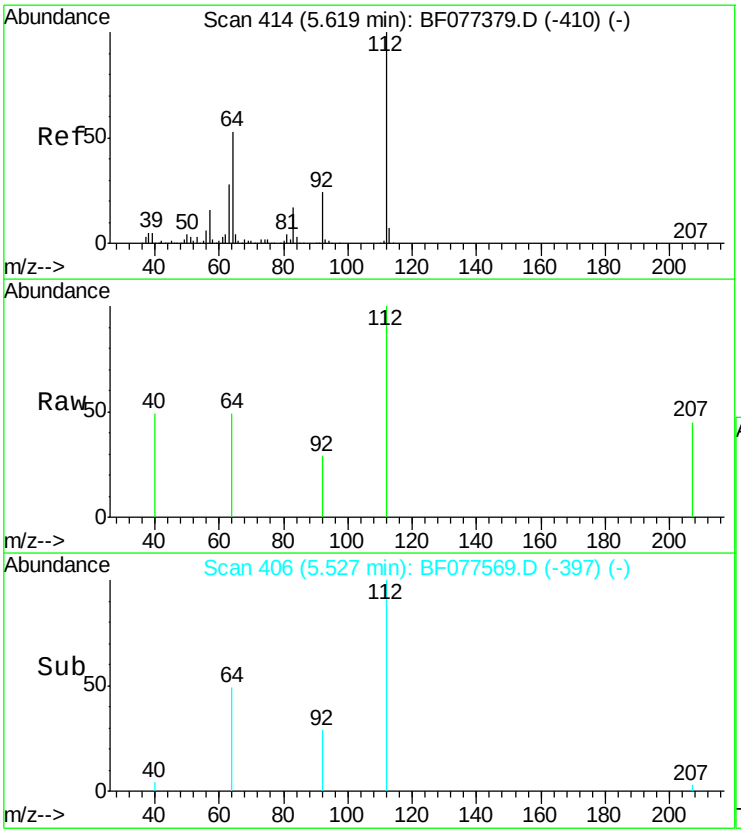
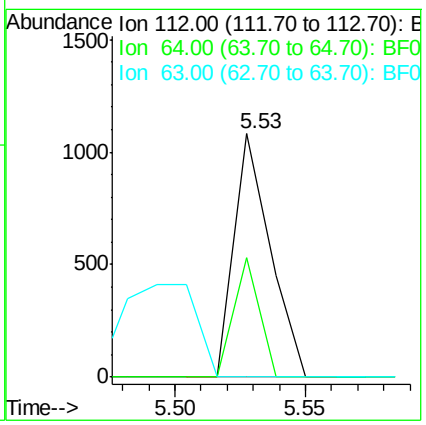
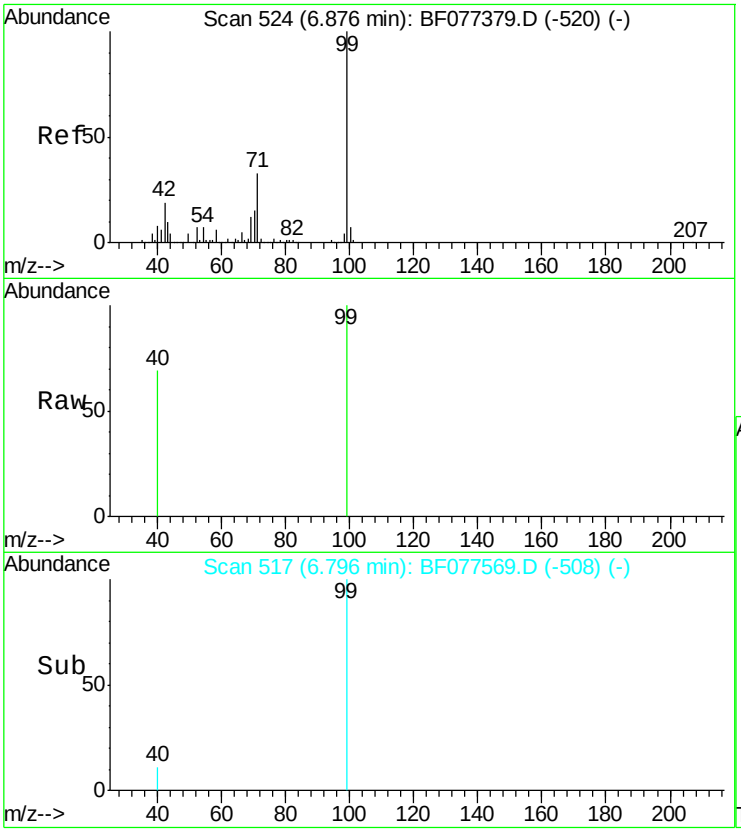


#5
2-Fluorophenol
Concen: 0.21 ng
RT: 5.53 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion:112 Resp: 1051

Ion	Ratio	Lower	Upper
112	100		
64	48.9	48.5	72.7
63	0.0	25.0	37.4#

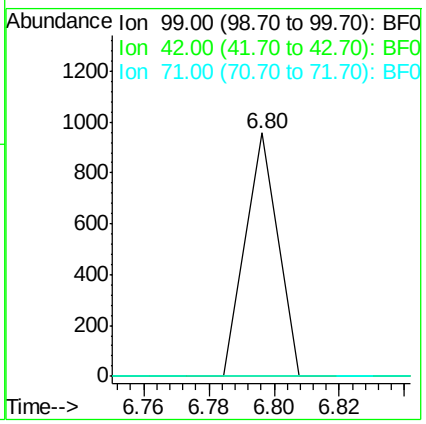




#7
Phenol-d6
Concen: 0.10 ng
RT: 6.80 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion: 99 Resp: 657

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.2	24.4#
71	0.0	26.7	40.1#



Instrument :
BNA_F
ClientSampleId :
MW41DL2

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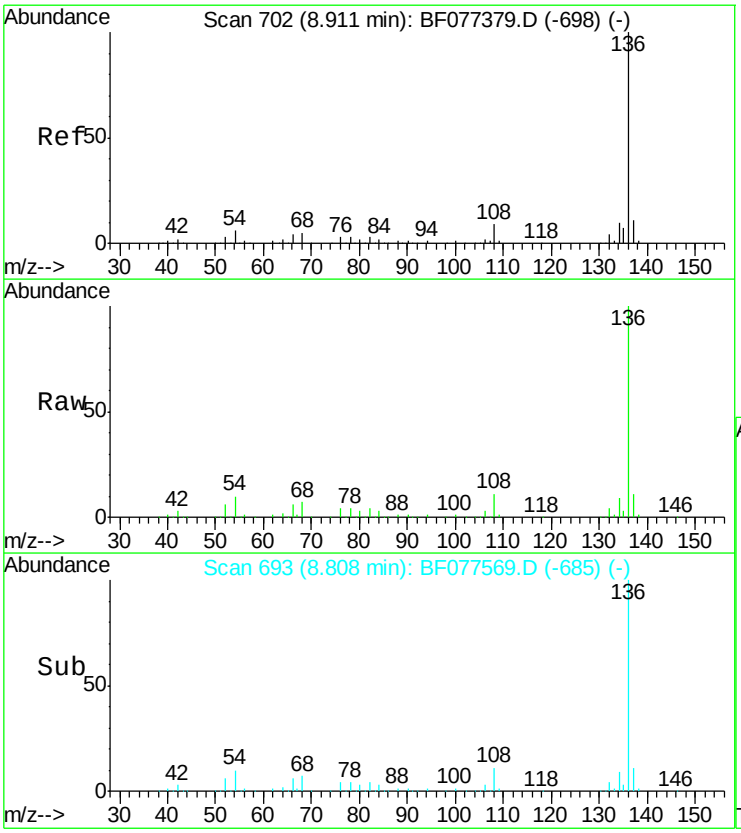
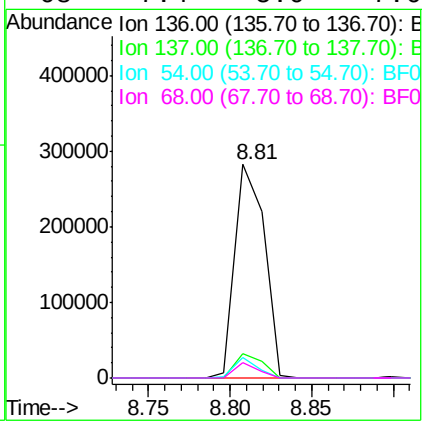
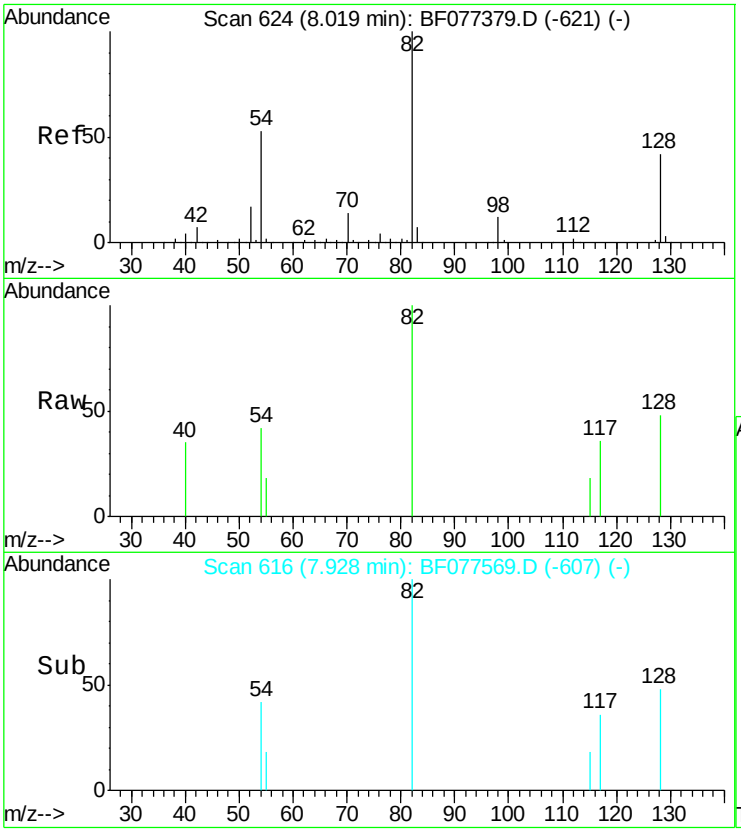


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion:136 Resp: 351953

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.6	6.2	9.4#
68	7.4	5.0	7.6

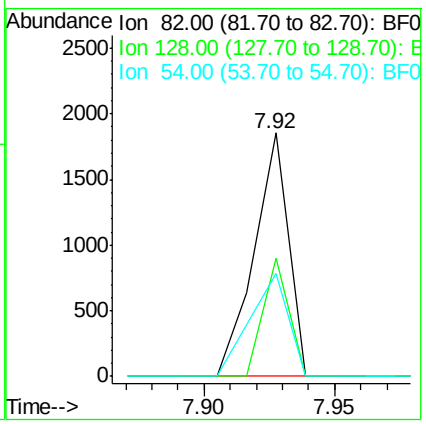




#23
Nitrobenzene-d5
Concen: 0.30 ng
RT: 7.92 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion: 82 Resp: 1712

Ion	Ratio	Lower	Upper
82	100		
128	48.3	43.8	65.8
54	42.4	36.7	55.1



Instrument :
BNA_F
ClientSampleId :
MW41DL2

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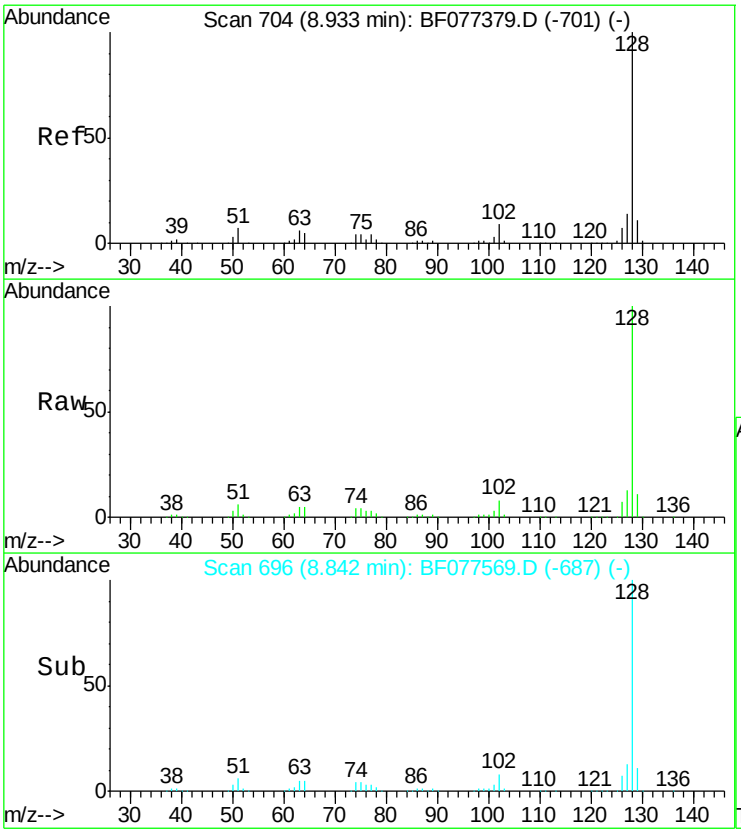
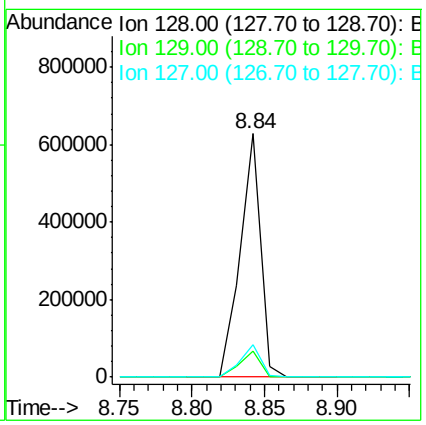
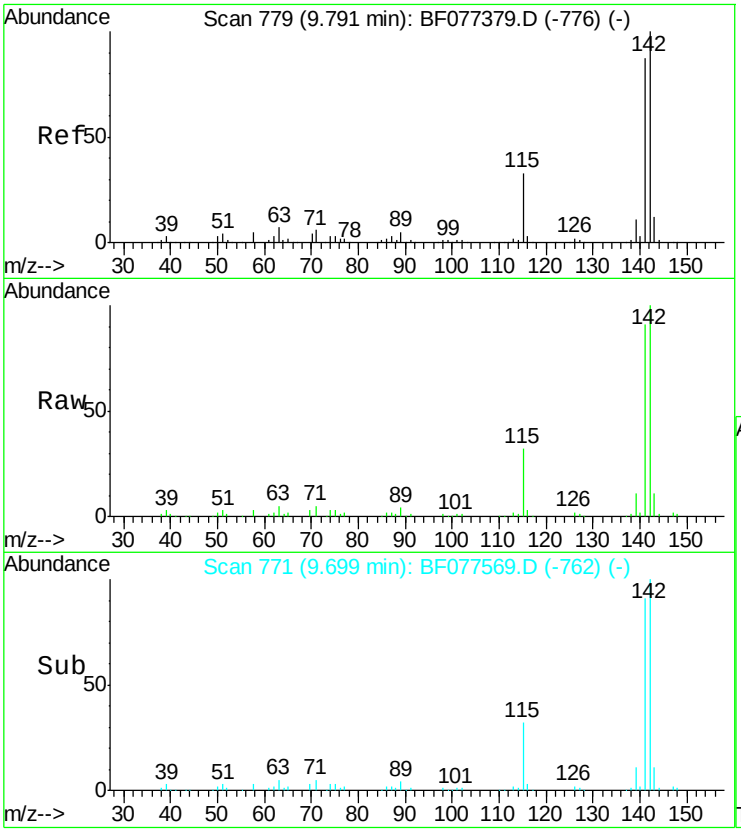


#31
Naphthalene
Concen: 34.91 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion:128 Resp: 614381

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	13.2	10.6	15.8

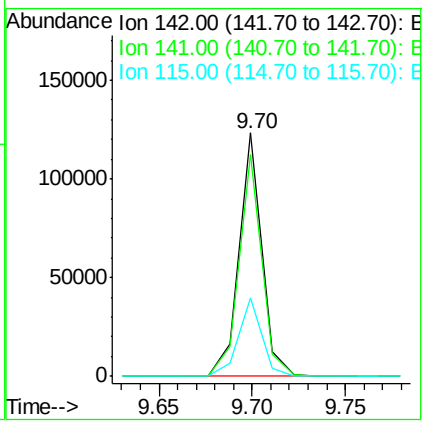




#37
2-Methylnaphthalene
Concen: 8.41 ng
RT: 9.70 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion:142 Resp: 105167

Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.7	106.1
115	32.1	24.2	36.4



Instrument :
BNA_F
ClientSampleId :
MW41DL2

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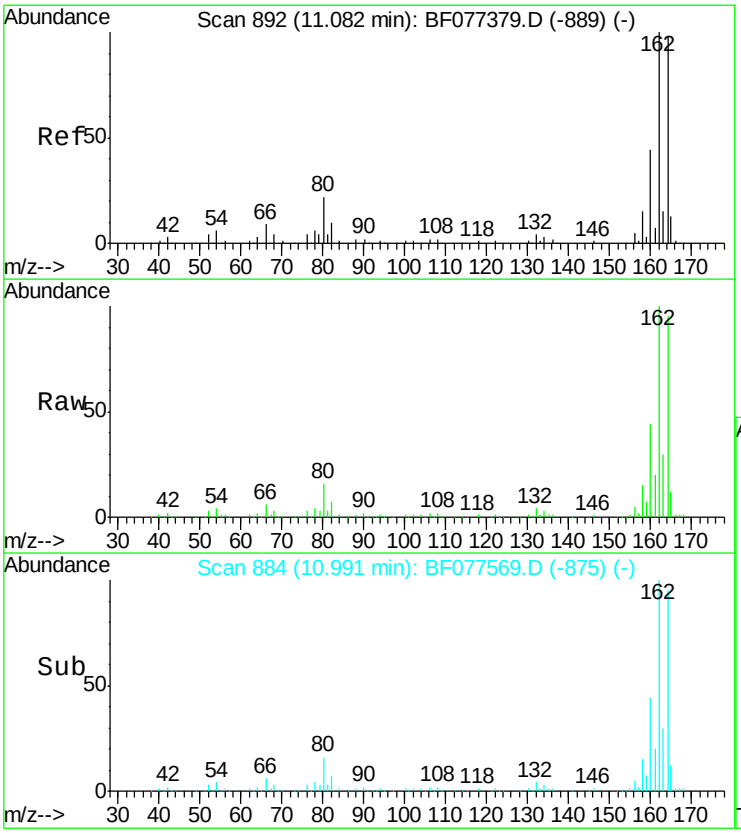
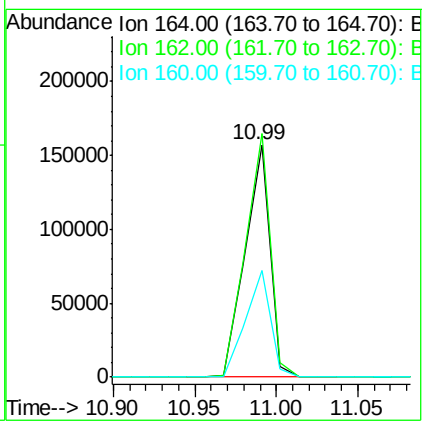
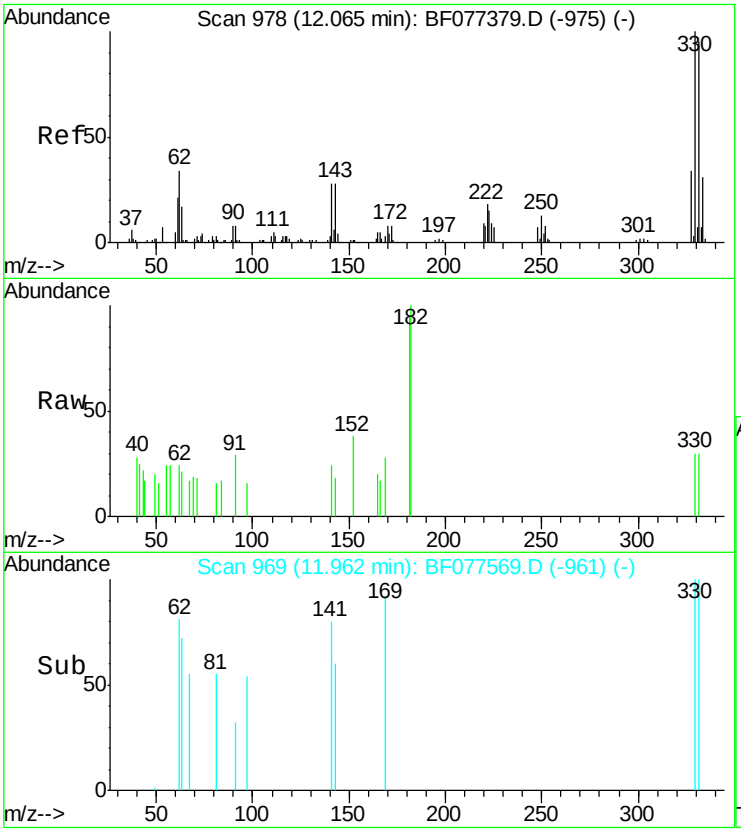


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion:164 Resp: 165375

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.2	124.8
160	45.9	34.6	52.0

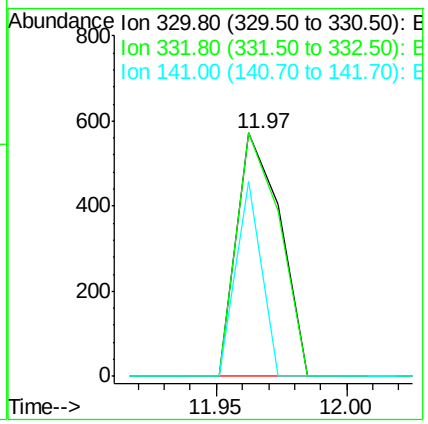




#41
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 11.97 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion:330 Resp: 669

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.4	116.2
141	47.1	28.8	43.2#



Instrument :
BNA_F
ClientSampleId :
MW41DL2

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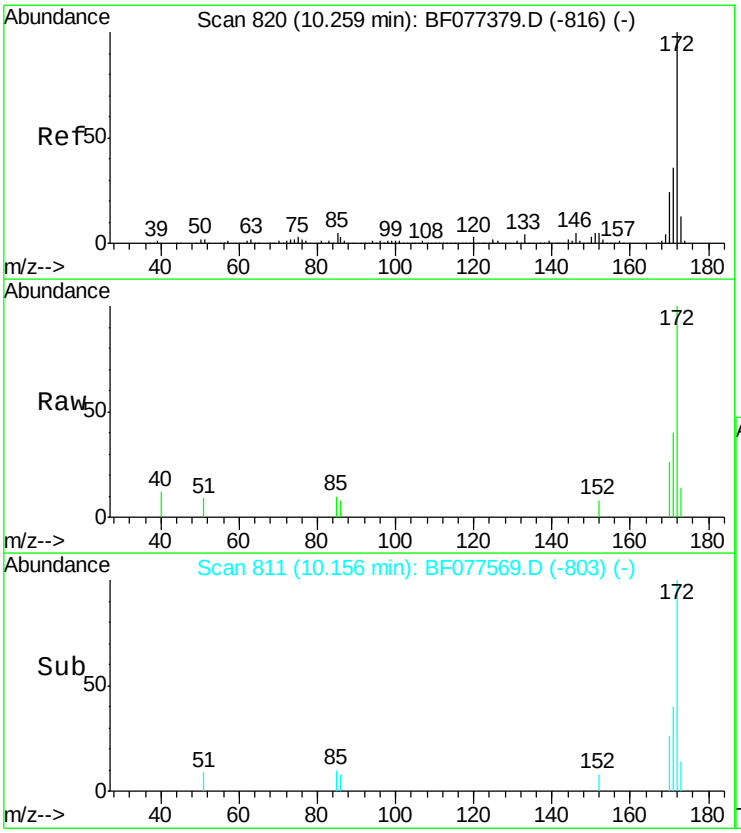
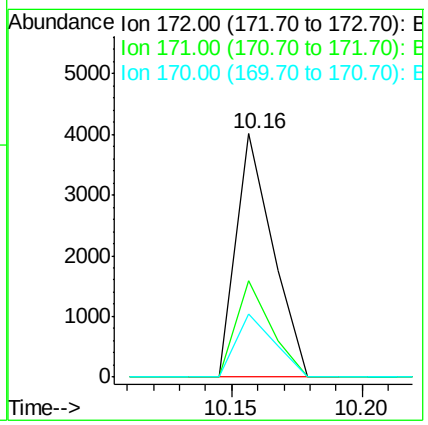
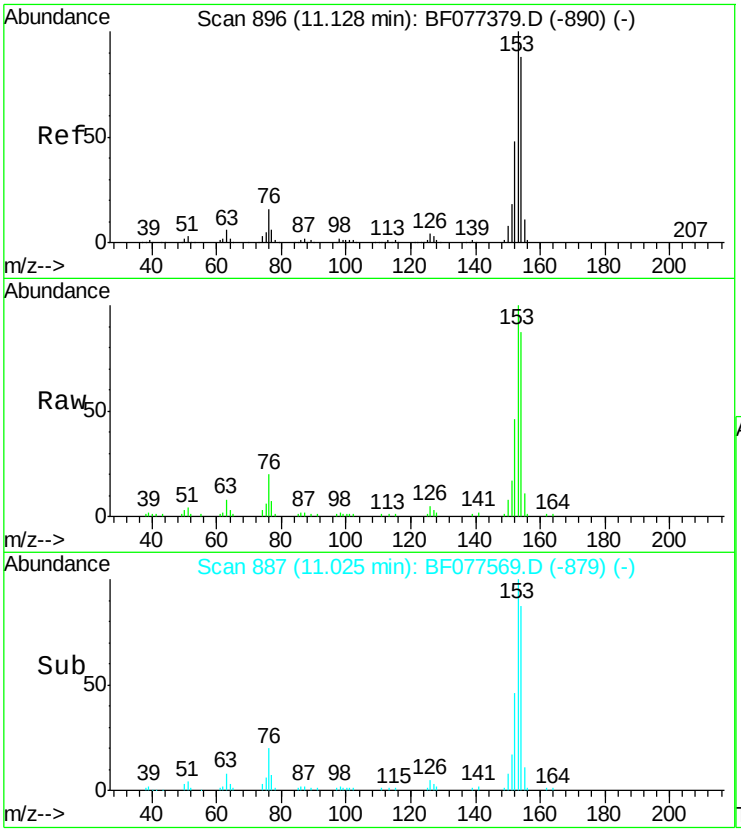


#44
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 10.16 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion:172 Resp: 3965

Ion	Ratio	Lower	Upper
172	100		
171	39.5	28.9	43.3
170	25.7	19.4	29.2

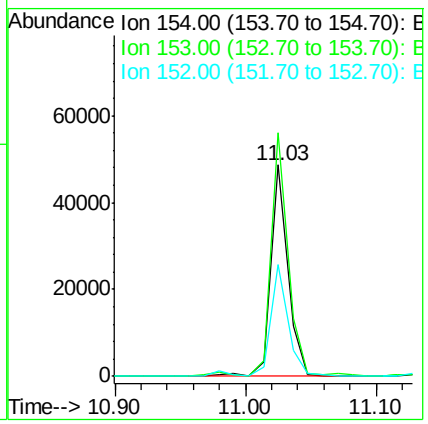




#51
Acenaphthene
Concen: 4.81 ng
RT: 11.03 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion:154 Resp: 44691

Ion	Ratio	Lower	Upper
154	100		
153	115.2	90.5	135.7
152	52.9	43.5	65.3



Instrument :
BNA_F
ClientSampleId :
MW41DL2

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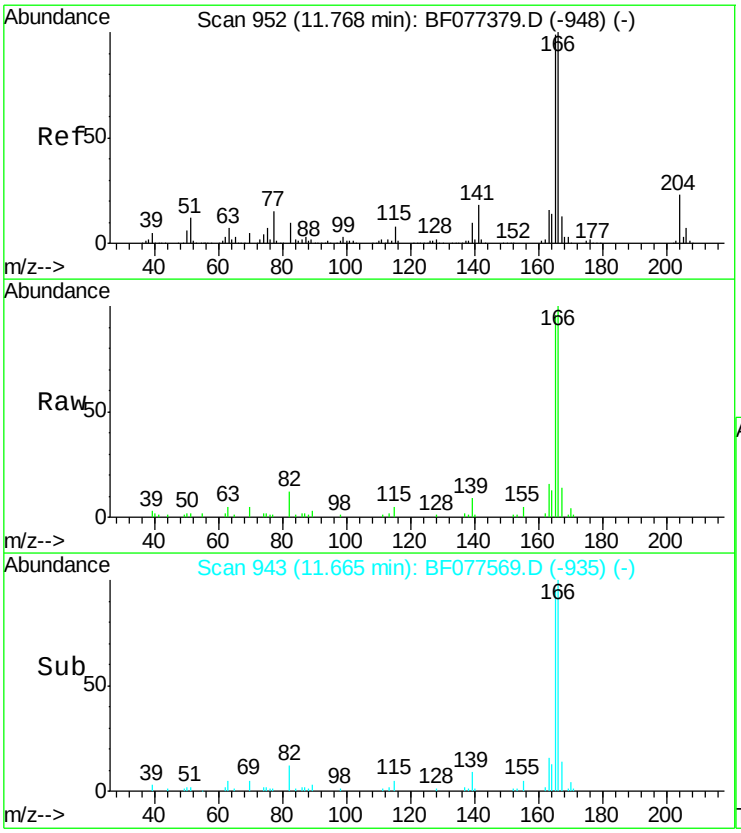
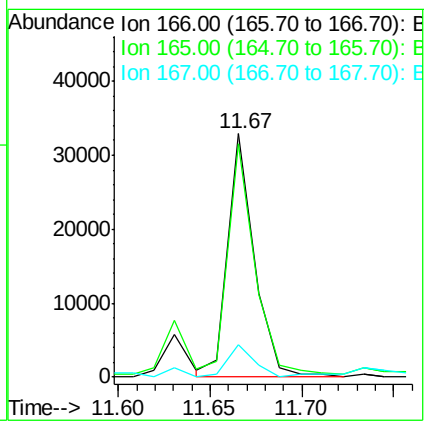
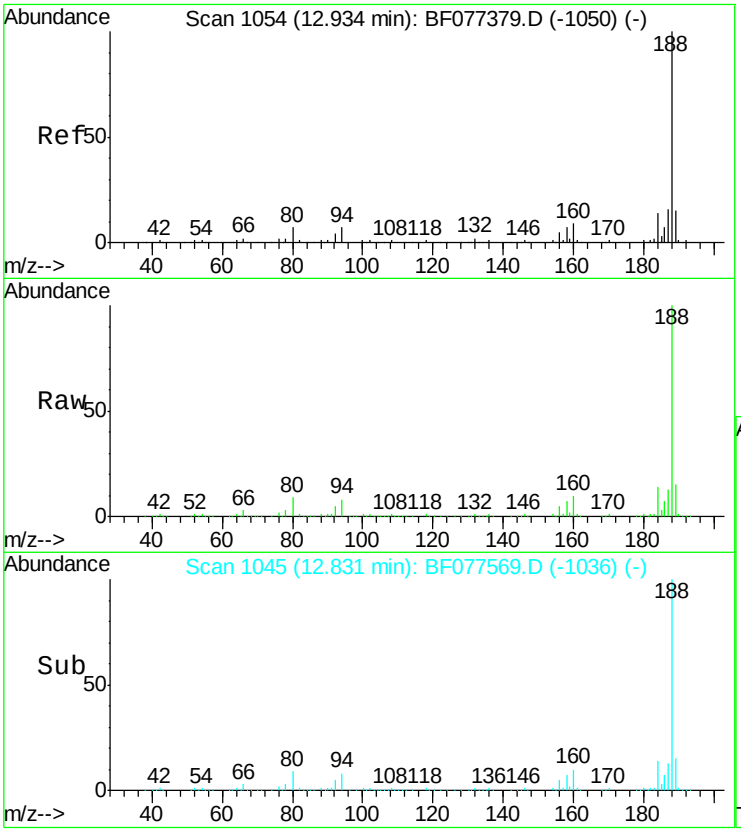


#57
Fluorene
Concen: 2.91 ng m
RT: 11.67 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion:166 Resp: 33322

Ion	Ratio	Lower	Upper
166	100		
165	95.7	77.6	116.4
167	13.5	10.6	16.0

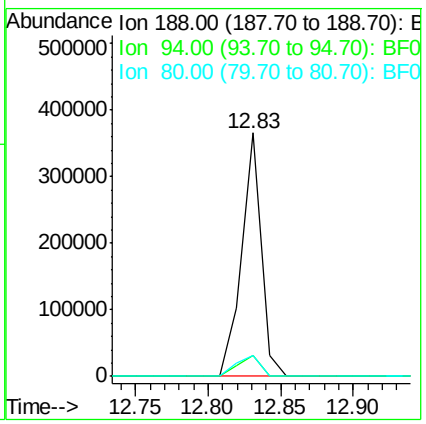




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.83 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion:188 Resp: 344885

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.4	11.2
80	8.8	8.0	12.0



Instrument :
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ClientSampleId :
MW41DL2

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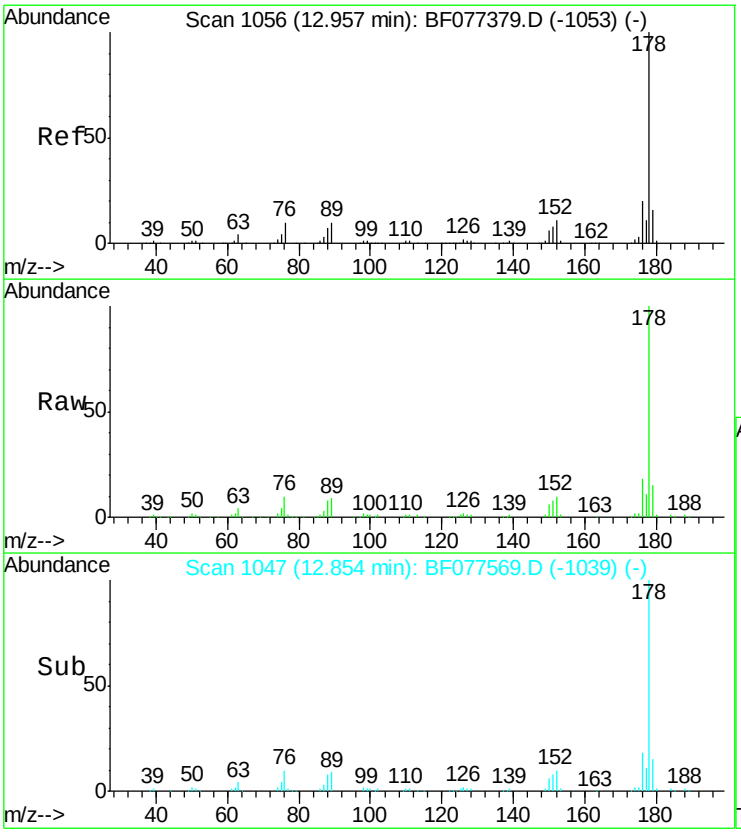
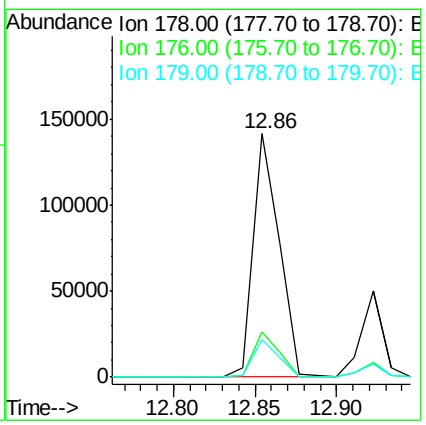
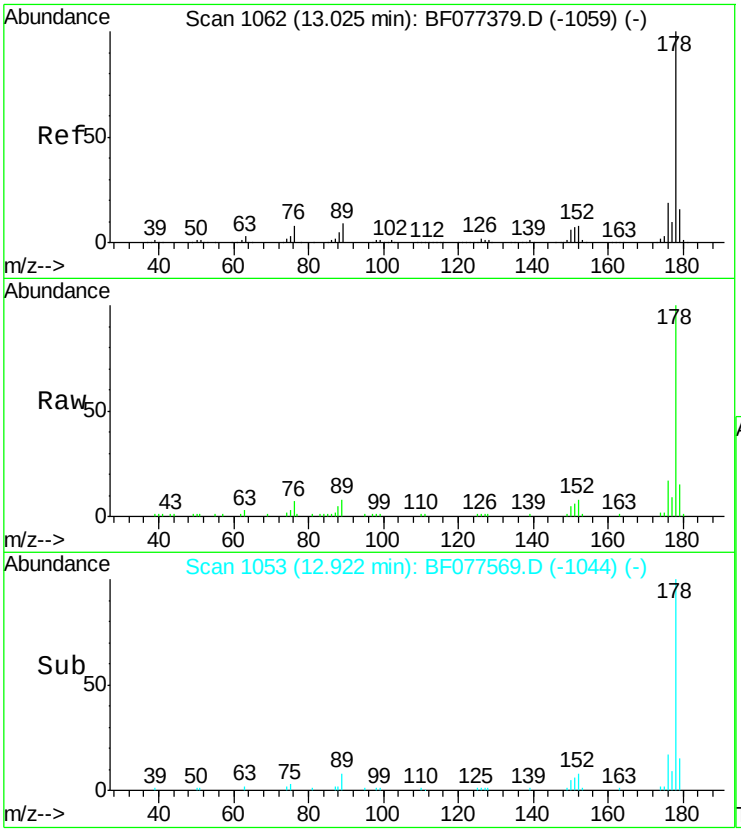


#70
Phenanthrene
Concen: 7.84 ng
RT: 12.86 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion:178 Resp: 156706

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	15.5	12.2	18.2

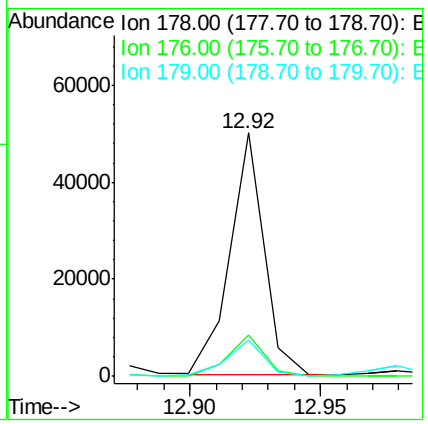




#71
Anthracene
Concen: 2.29 ng
RT: 12.92 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion:178 Resp: 45497

Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.4	23.0
179	14.9	12.9	19.3



Instrument :
BNA_F
ClientSampleId :
MW41DL2

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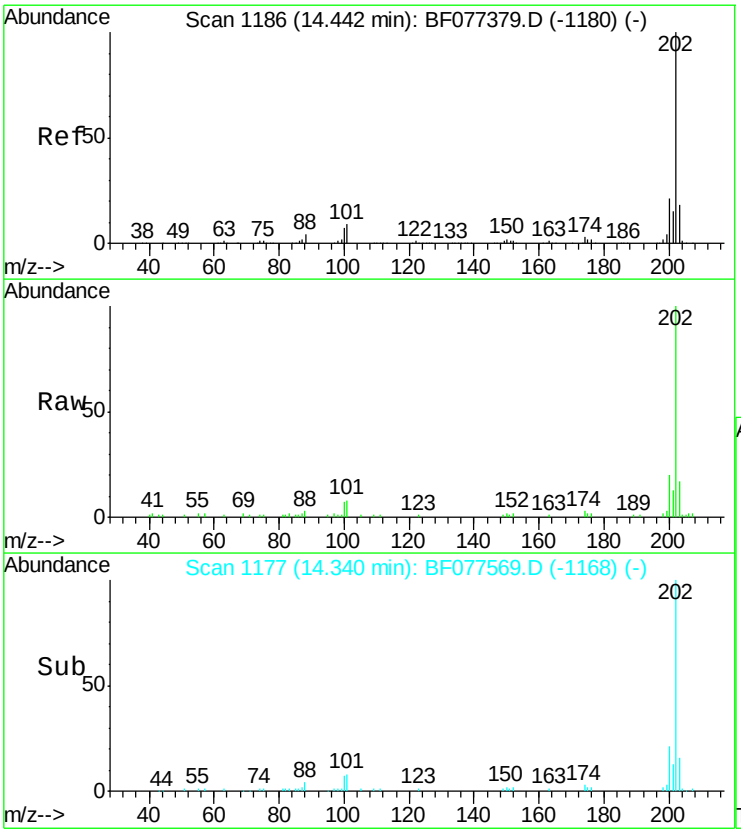
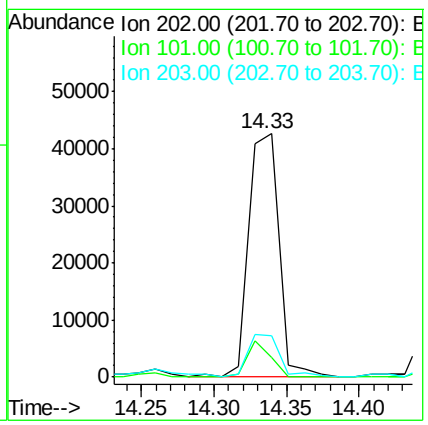
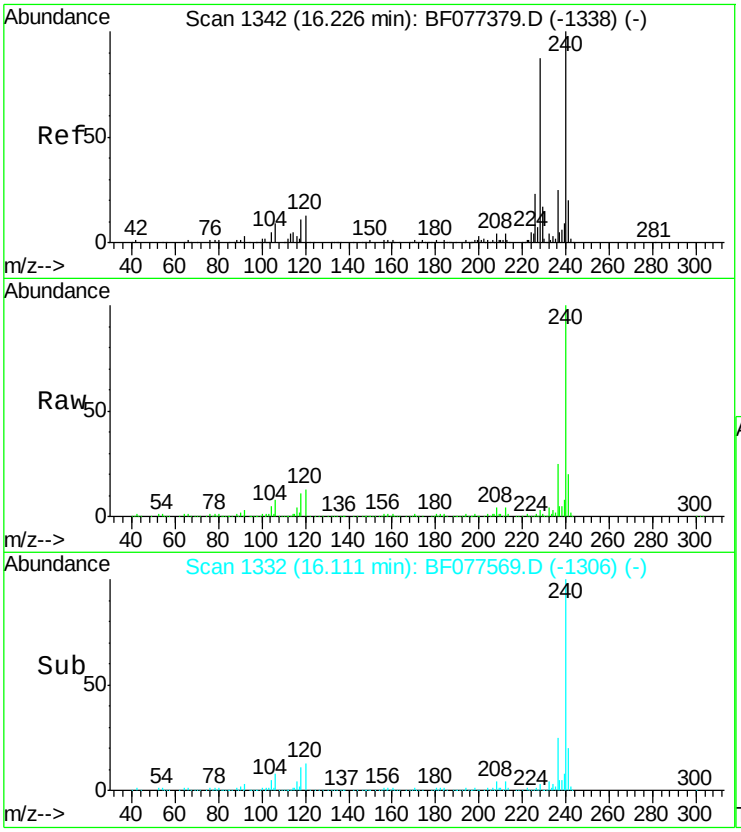


#74
Fluoranthene
Concen: 2.83 ng
RT: 14.33 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion:202 Resp: 61706

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	30.8
203	17.0	0.0	37.7

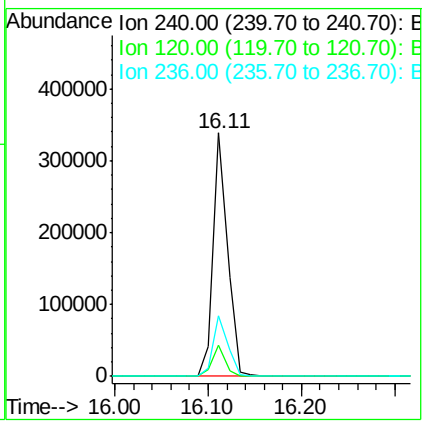




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.11 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion:240 Resp: 363539

Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.8	13.2
236	25.1	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
MW41DL2

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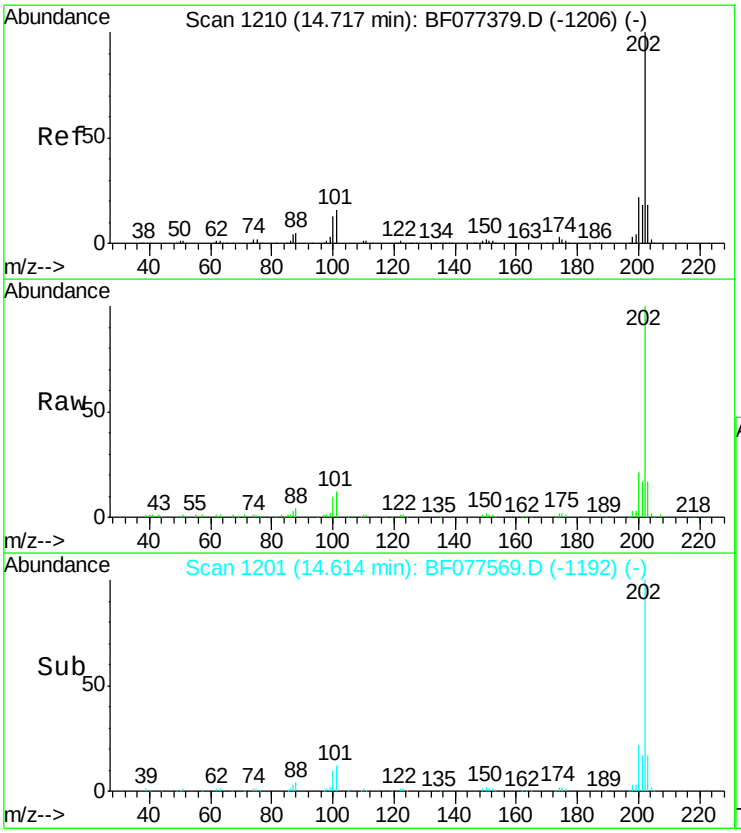
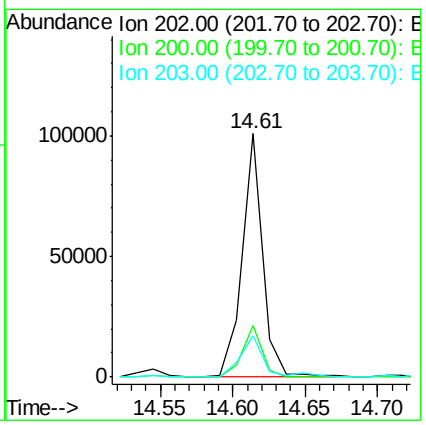
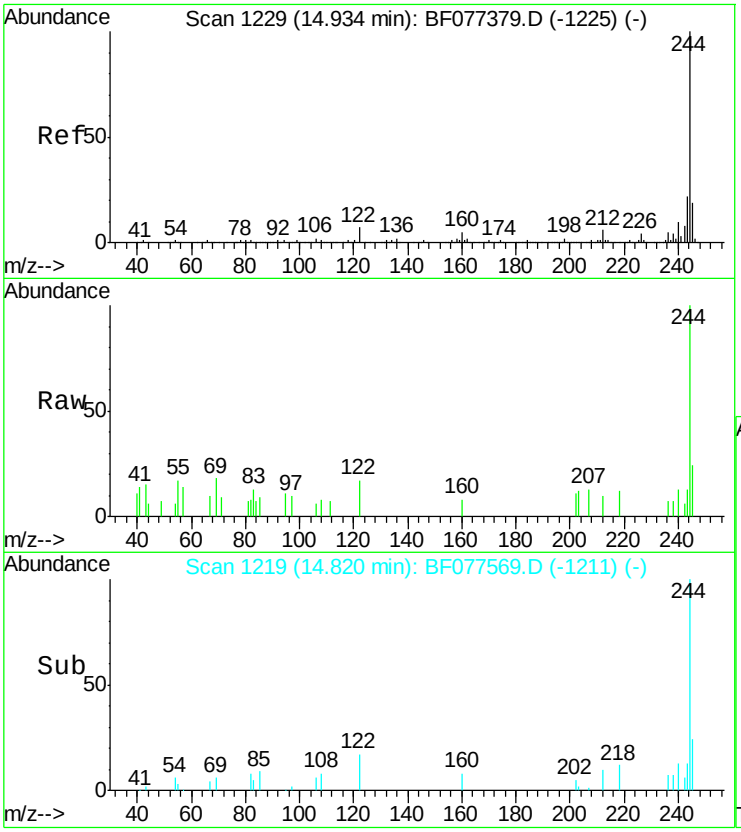


#77
Pyrene
Concen: 4.37 ng
RT: 14.61 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion:202 Resp: 97262

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	17.1	14.2	21.2

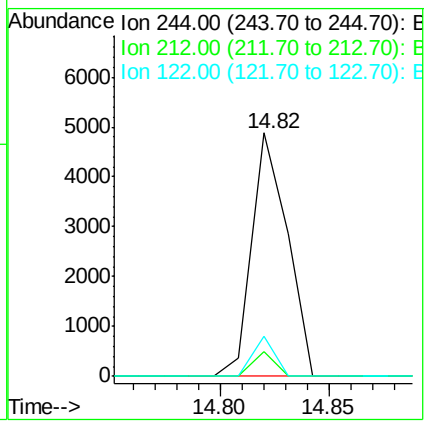




#78
Terphenyl-d14
Concen: 0.36 ng
RT: 14.82 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion:244 Resp: 5568

Ion	Ratio	Lower	Upper
244	100		
212	10.3	5.2	7.8#
122	16.6	7.8	11.8#



Instrument :
BNA_F
ClientSampleId :
MW41DL2

Manual Integrations APPROVED
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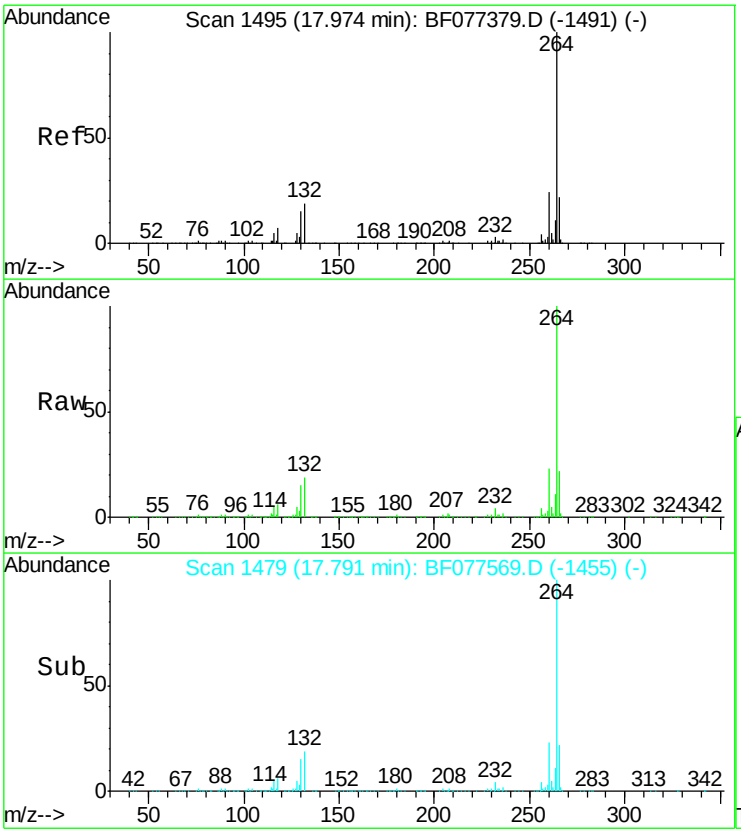

#86
Perylene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1479
Delta R.T. -0.03 min
Lab File: BF077569.D
Acq: 4 Mar 2015 3:22

Tgt Ion:264 Resp: 338946

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	21.9	16.8	25.2