Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079968.D
Acq On : 13 Jun 2015 9:41
Operator : TP/IZ
Sample : G2522-23
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Manual Integrations APPROVED
apatel
6/15/2015 1:00:46 PM

Quant Time: Jun 15 11:28:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	52913	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	123730	20.00	ng	0.01
38) Acenaphthene-d10	10.44	164	112836	20.00	ng	0.00
63) Phenanthrene-d10	11.95	188	221672	20.00	ng	-0.02
75) Chrysene-d12	14.88	240	251100m	20.00	ng	-0.26
86) Perylene-d12	16.75	264	253632m	20.00	ng	-0.34
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	173918	60.27	ng	0.00
7) Phenol-d6	6.98	99	166428	42.33	ng	0.01
23) Nitrobenzene-d5	7.93	82	325090	173.35	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	146583	129.00	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	813055	100.90	ng	0.00
78) Terphenyl-d14	13.62	244	1006691	92.43	ng	-0.15
Target Compounds						Qvalue
31) Naphthalene	8.76	128	20635745	3051.12	ng	# 73
37) 2-Methylnaphthalene	9.40	142	3260639	713.58	ng	96
45) 1,1'-Biphenyl	9.85	154	522485	57.22	ng	95
48) Acenaphthylene	10.31	152	924675	70.46	ng	99
51) Acenaphthene	10.48	154	113503	15.22	ng	99
54) Dibenzofuran	10.65	168	35358	3.24	ng	90
57) Fluorene	10.99	166	355874	37.46	ng	98
70) Phenanthrene	11.98	178	516975	39.13	ng	100
71) Anthracene	12.02	178	59865	4.68	ng	98
72) Carbazole	12.17	167	94046	7.58	ng	98
74) Fluoranthene	13.22	202	34106m	2.34	ng	
77) Pyrene	13.47	202	43264	2.74	ng	99

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079968.D
Acq On : 13 Jun 2015 9:41
Operator : TP/IZ
Sample : G2522-23
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 15 11:28:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MW-11C

Manual Integrations APPROVED
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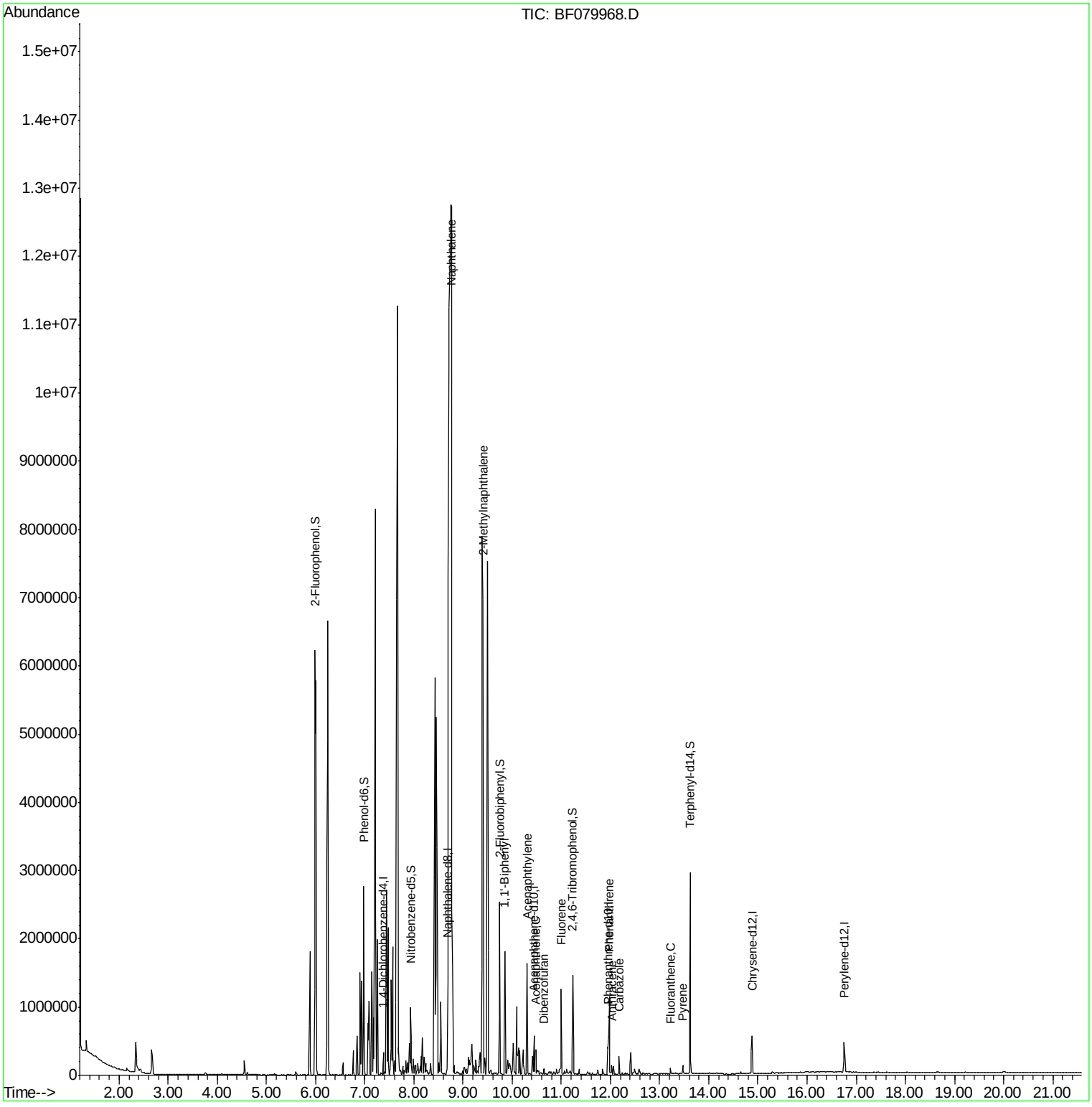
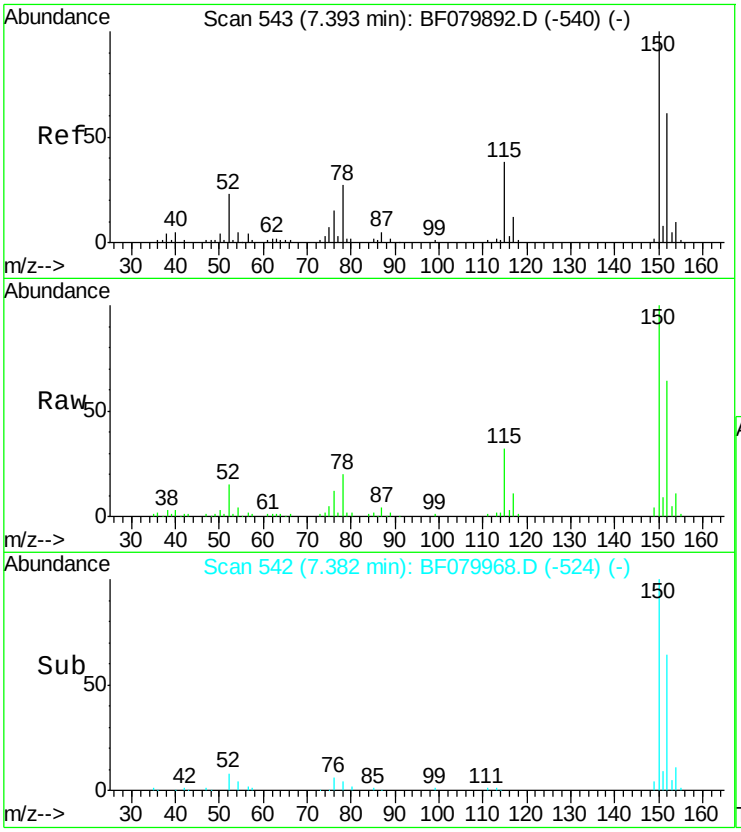
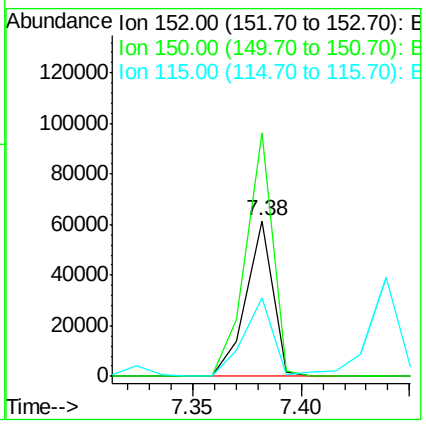




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:152 Resp: 52913

Ion	Ratio	Lower	Upper
152	100		
150	156.8	131.0	196.4
115	50.1	49.8	74.6



Instrument :
BNA_F
ClientSampleId :
MW-11C

Manual Integrations APPROVED
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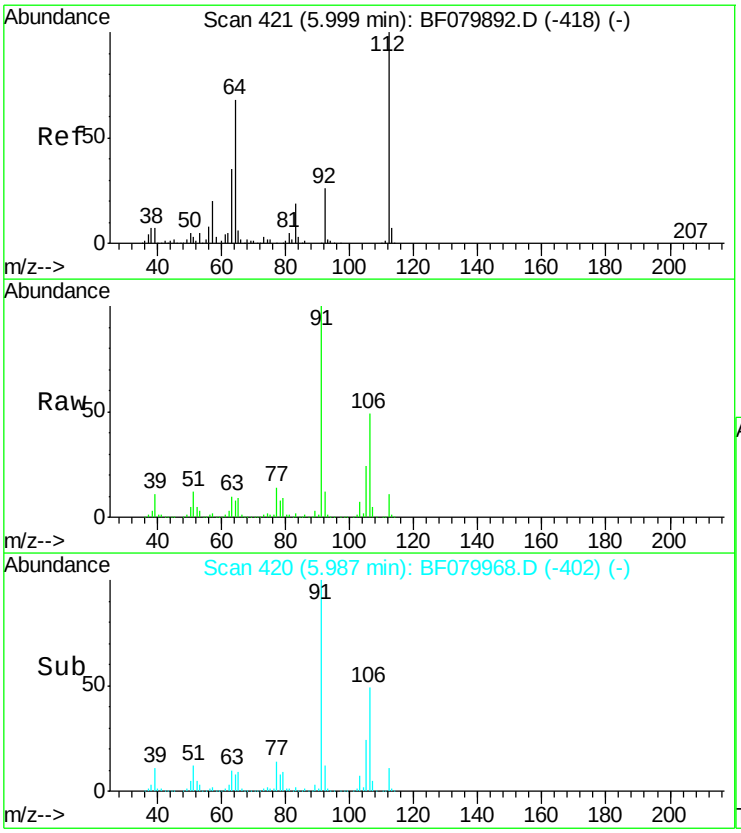
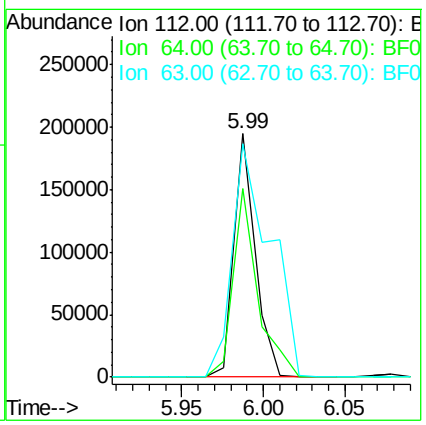
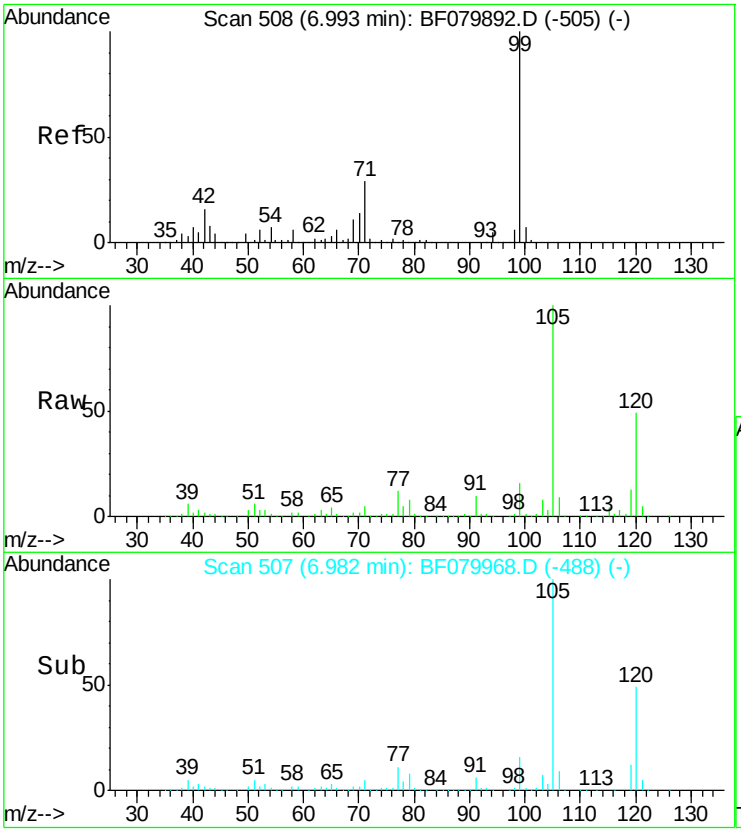


#5
2-Fluorophenol
Concen: 60.27 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:112 Resp: 173918

Ion	Ratio	Lower	Upper
112	100		
64	77.6	54.5	81.7
63	95.7	27.9	41.9#

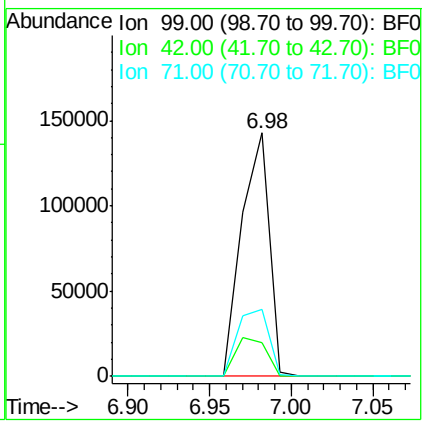




#7
Phenol-d6
Concen: 42.33 ng
RT: 6.98 min Scan# 507
Delta R.T. 0.01 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion: 99 Resp: 166428

Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.9	19.3
71	27.5	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
MW-11C

Manual Integrations APPROVED
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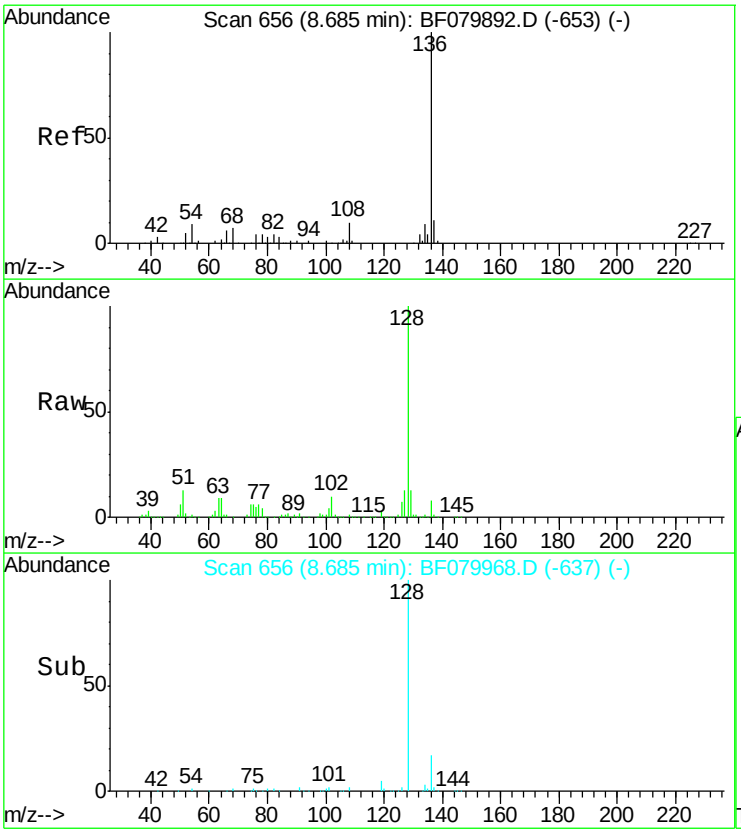
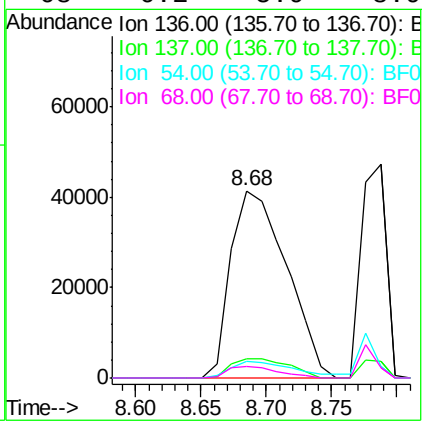
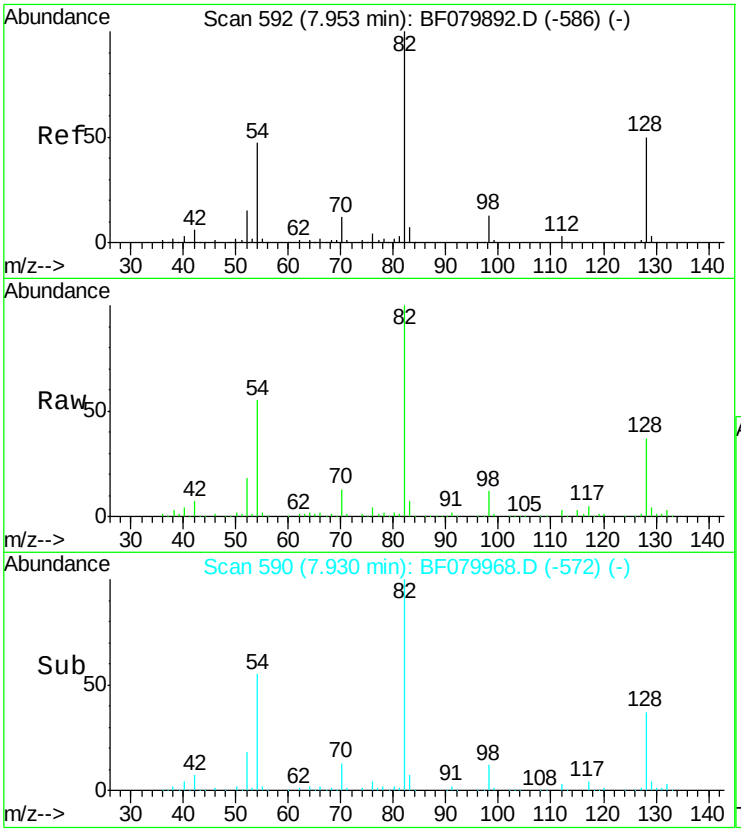


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.68 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:136 Resp: 123730

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	9.1	7.3	10.9
68	6.2	5.9	8.9

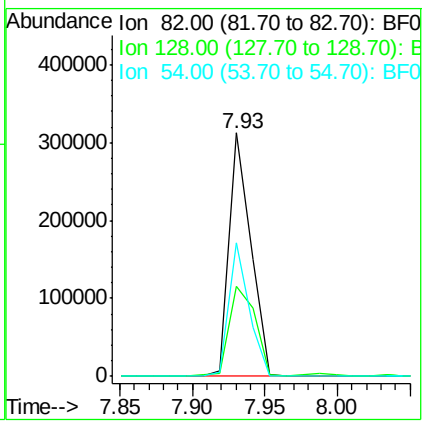




#23
Nitrobenzene-d5
Concen: 173.35 ng
RT: 7.93 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion: 82 Resp: 325090

Ion	Ratio	Lower	Upper
82	100		
128	37.0	40.3	60.5#
54	54.8	38.0	57.0



Instrument :
BNA_F
ClientSampleId :
MW-11C

Manual Integrations APPROVED
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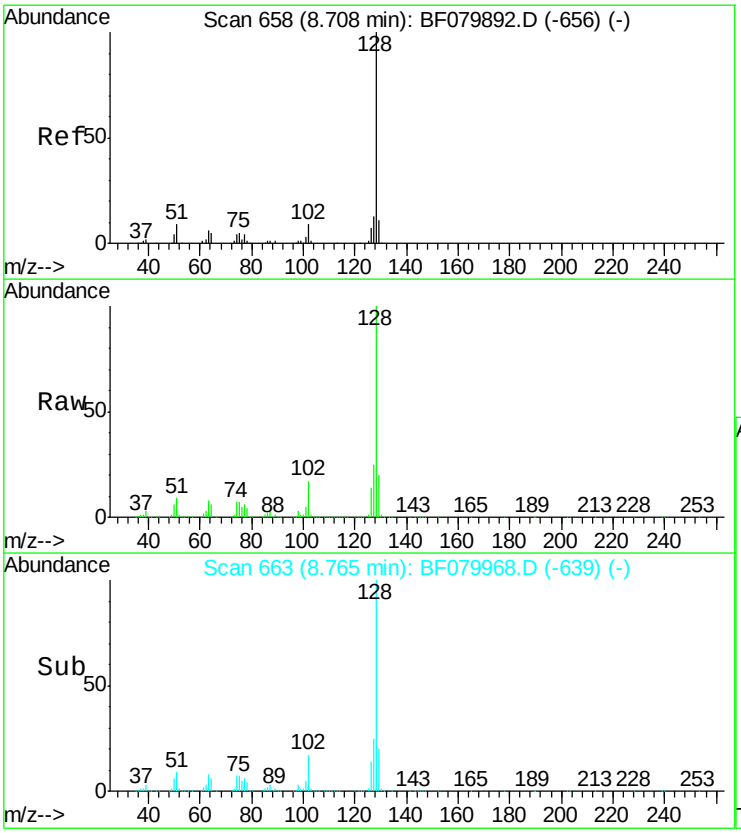
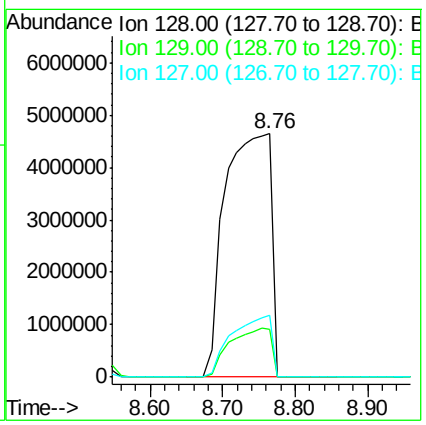
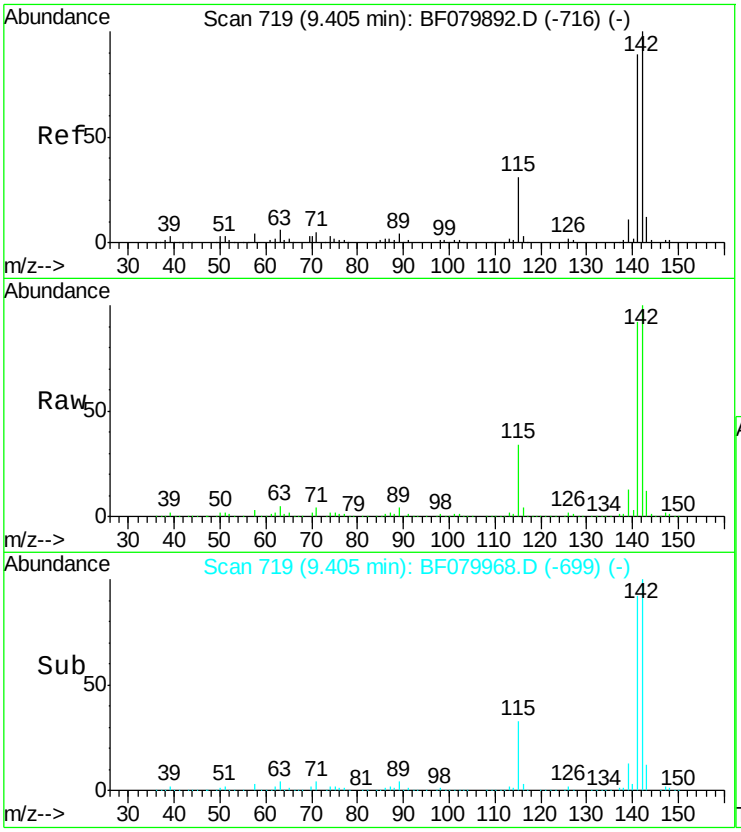


#31
Naphthalene
Concen: 3051.12 ng
RT: 8.76 min Scan# 663
Delta R.T. 0.07 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:128 Resp:20635745

Ion	Ratio	Lower	Upper
128	100		
129	19.7	8.8	13.2#
127	25.5	10.5	15.7#

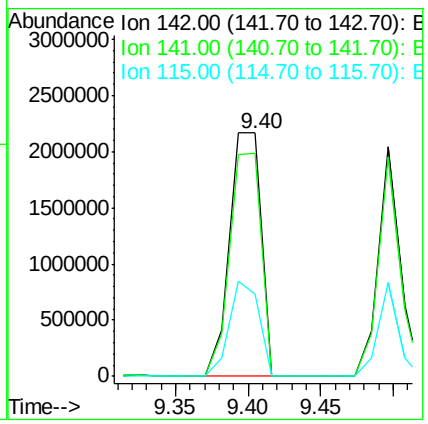




#37
2-Methylnaphthalene
Concen: 713.58 ng
RT: 9.40 min Scan# 719
Delta R.T. 0.02 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:142 Resp: 3260639

Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.9	106.3
115	33.7	25.0	37.4



Instrument :
BNA_F
ClientSampleId :
MW-11C

Manual Integrations APPROVED
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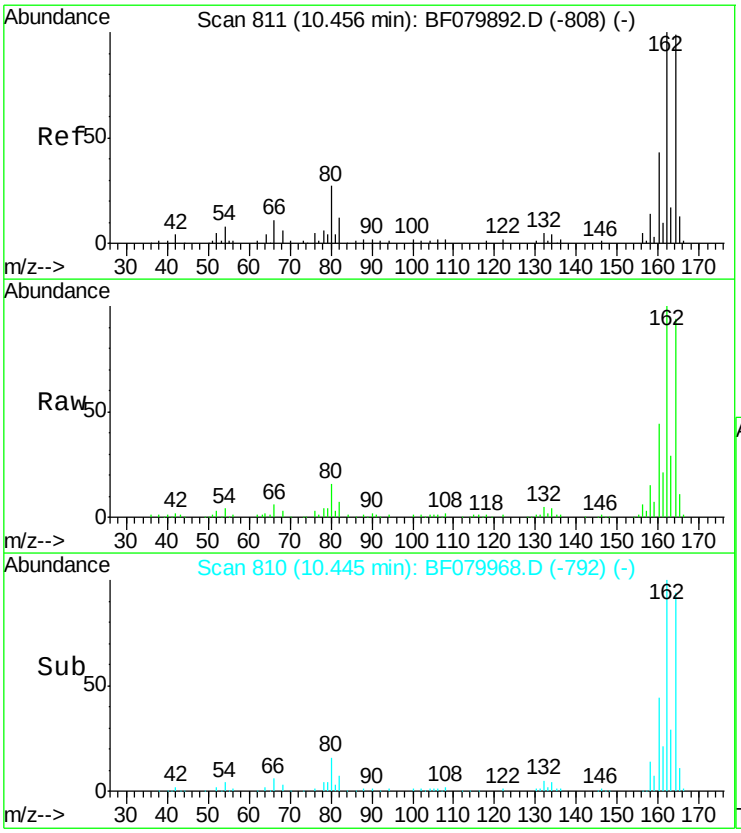
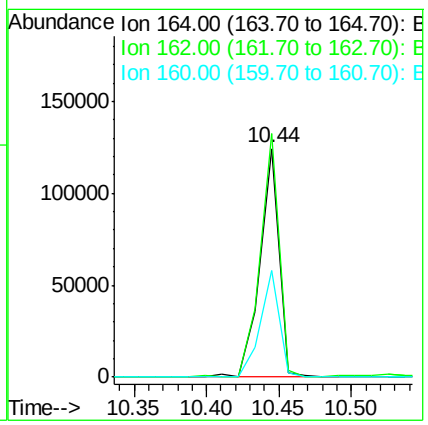
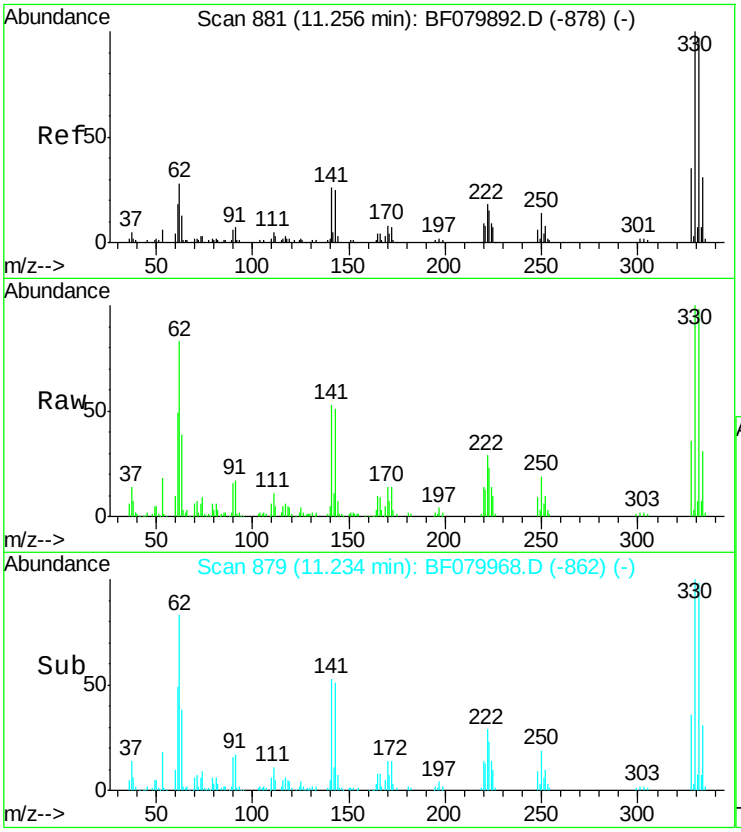


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.44 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:164 Resp: 112836

Ion	Ratio	Lower	Upper
164	100		
162	106.4	80.7	121.1
160	46.4	34.6	51.8

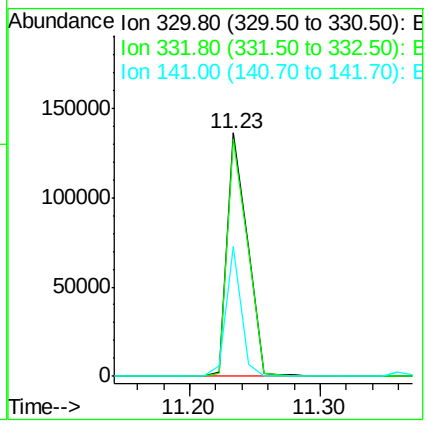




#41
2,4,6-Tribromophenol
Concen: 129.00 ng
RT: 11.23 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:330 Resp: 146583

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	40.8	26.8	40.2#



Instrument :
BNA_F
ClientSampleId :
MW-11C

Manual Integrations APPROVED
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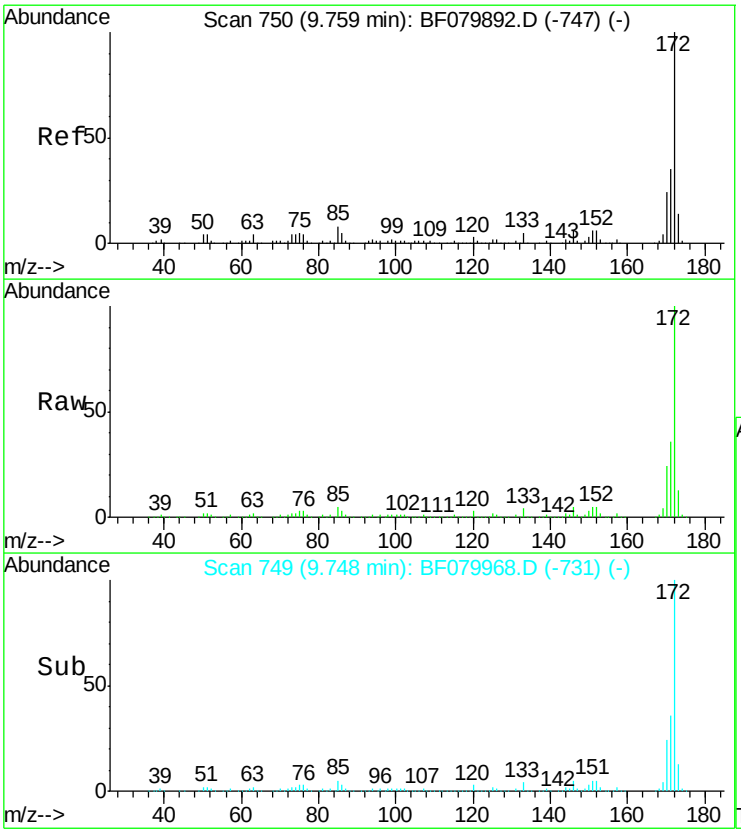
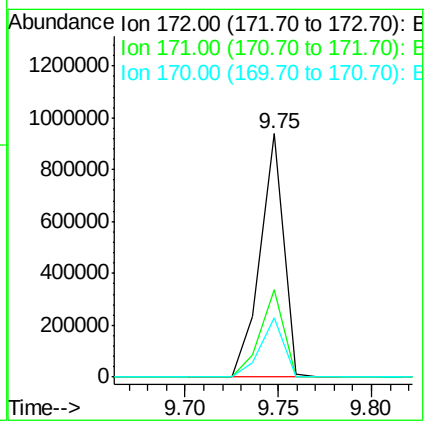
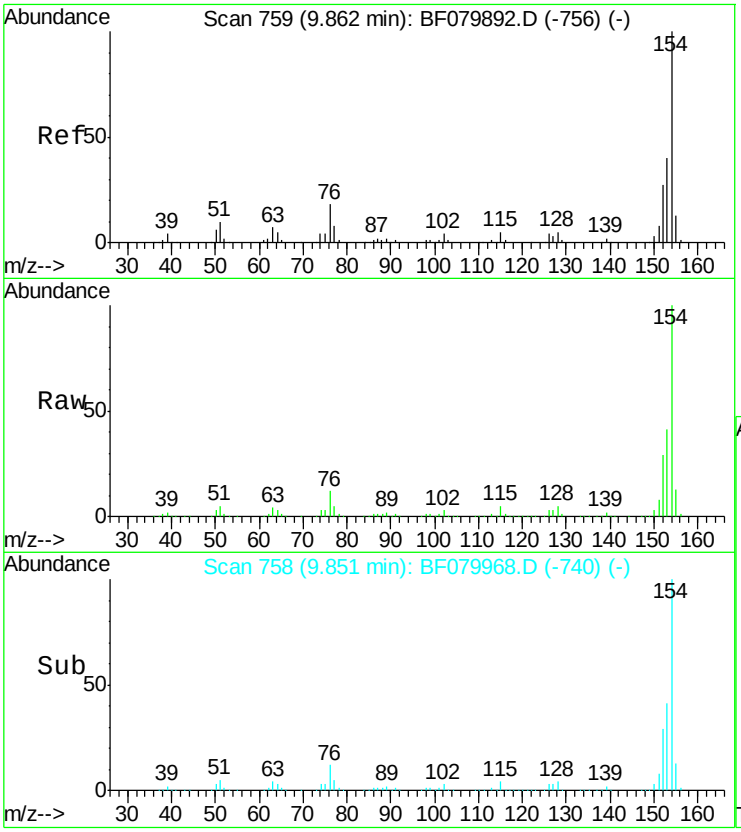


#44
2-Fluorobiphenyl
Concen: 100.90 ng
RT: 9.75 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:172 Resp: 813055

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.3	42.5
170	24.5	19.0	28.4

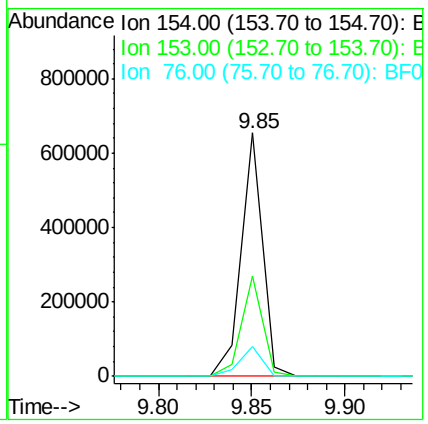




#45
1,1'-Biphenyl
Concen: 57.22 ng
RT: 9.85 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:154 Resp: 522485

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.1	60.1
76	12.3	0.0	38.4



Instrument :
BNA_F
ClientSampleId :
MW-11C

Manual Integrations APPROVED
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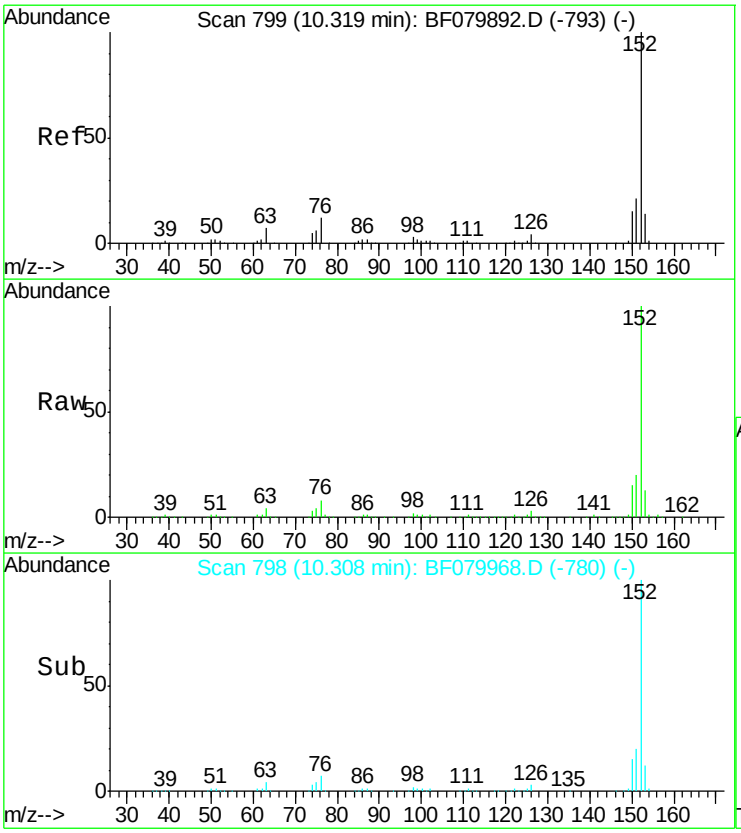
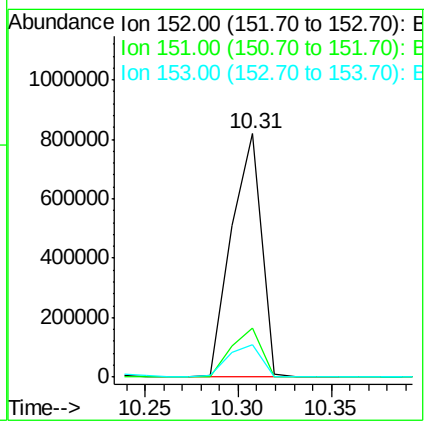
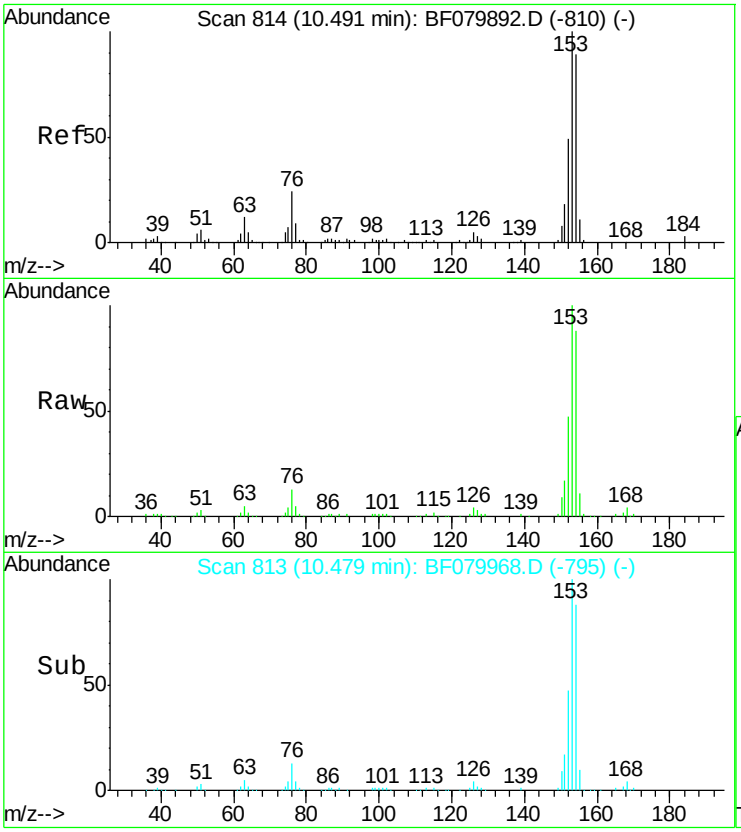


#48
Acenaphthylene
Concen: 70.46 ng
RT: 10.31 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:152 Resp: 924675

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.4	10.8	16.2

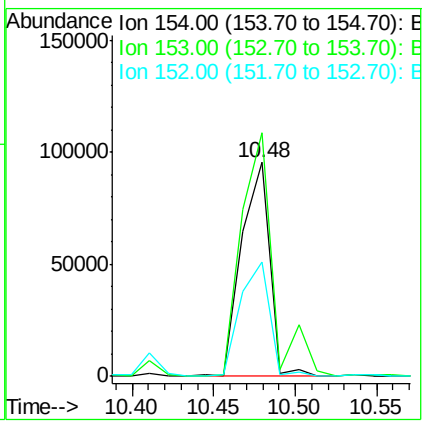




#51
Acenaphthene
Concen: 15.22 ng
RT: 10.48 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:154 Resp: 113503

Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.0	135.0
152	53.7	43.7	65.5



Instrument :
BNA_F
ClientSampleId :
MW-11C

Manual Integrations APPROVED
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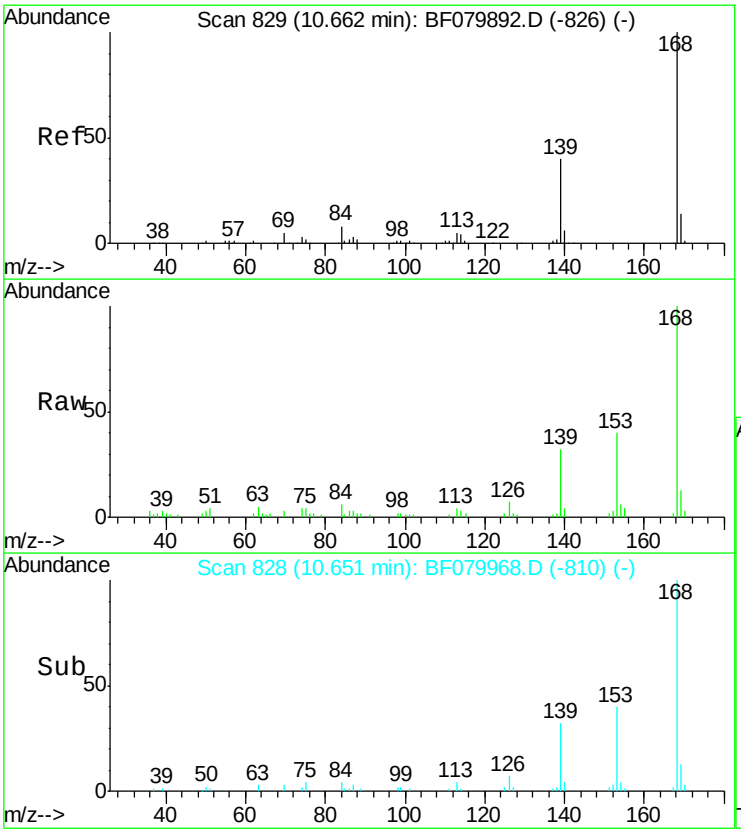
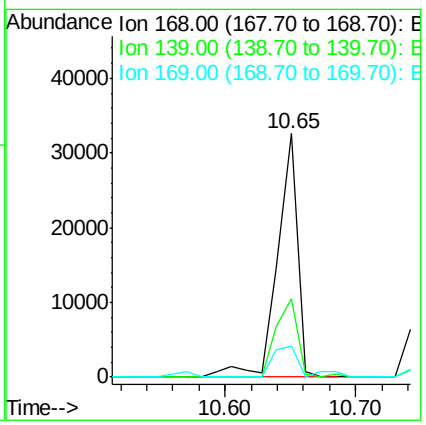
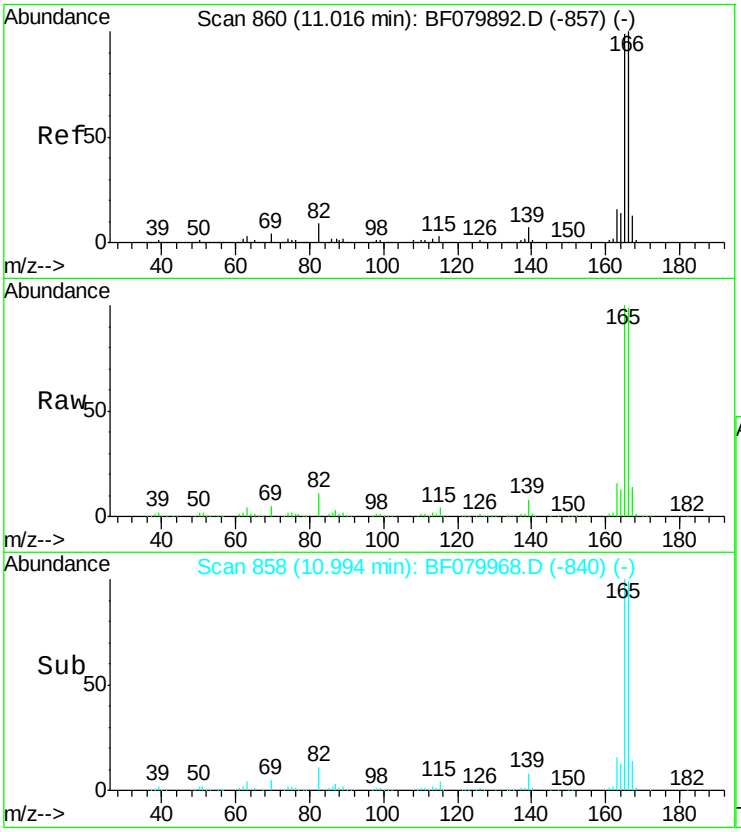


#54
Dibenzofuran
Concen: 3.24 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:168 Resp: 35358

Ion	Ratio	Lower	Upper
168	100		
139	32.3	32.2	48.2
169	12.8	11.0	16.6

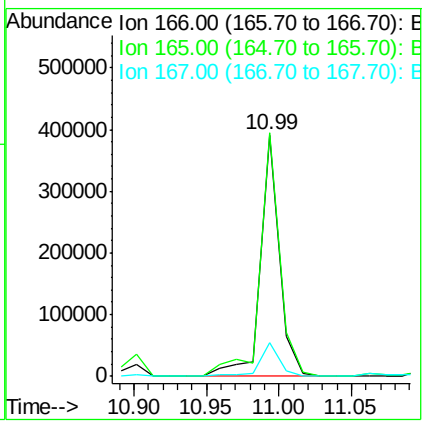




#57
Fluorene
Concen: 37.46 ng
RT: 10.99 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:166 Resp: 355874

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.0	118.6
167	13.7	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
MW-11C

Manual Integrations APPROVED
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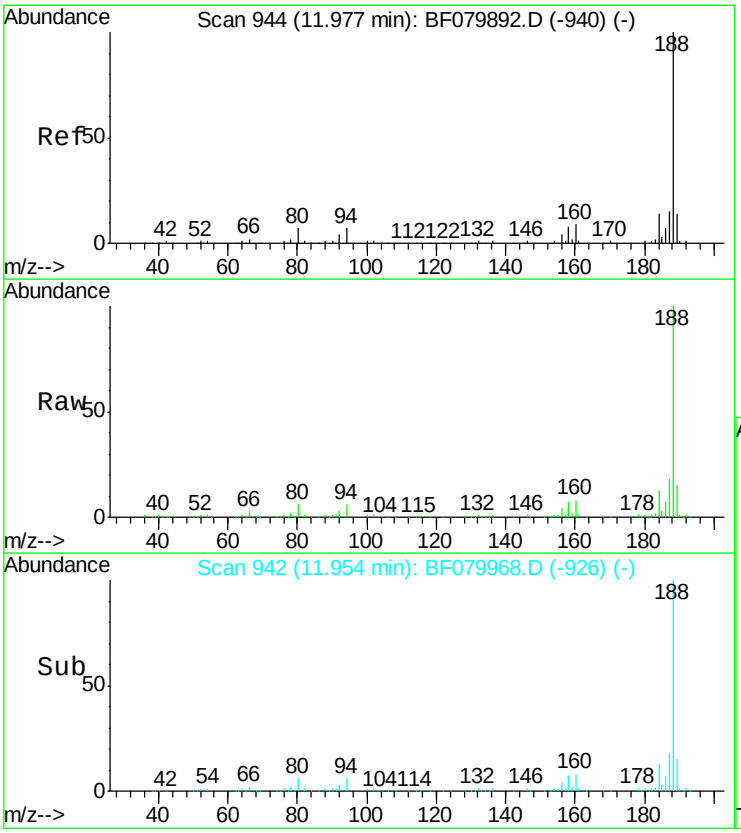
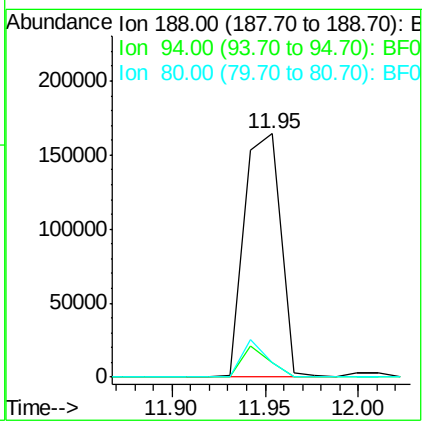
6/15/2015 1:00:46 PM

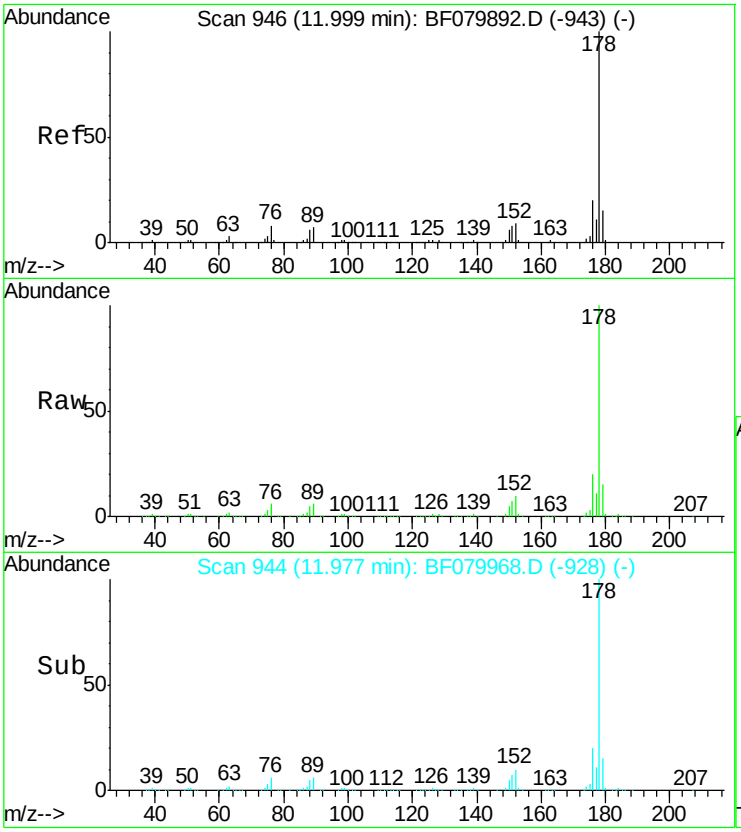


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:188 Resp: 221672

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.8	8.8
80	6.2	5.9	8.9

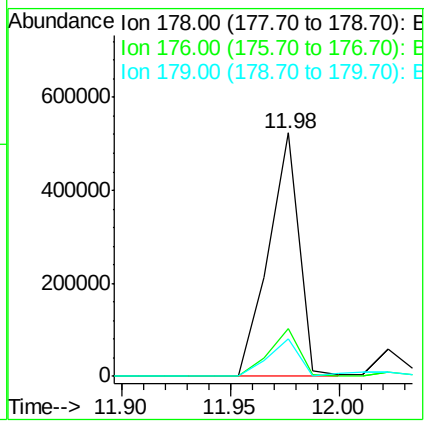




#70
Phenanthrene
Concen: 39.13 ng
RT: 11.98 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:178 Resp: 516975

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.2	12.3	18.5



Instrument :
BNA_F
ClientSampleId :
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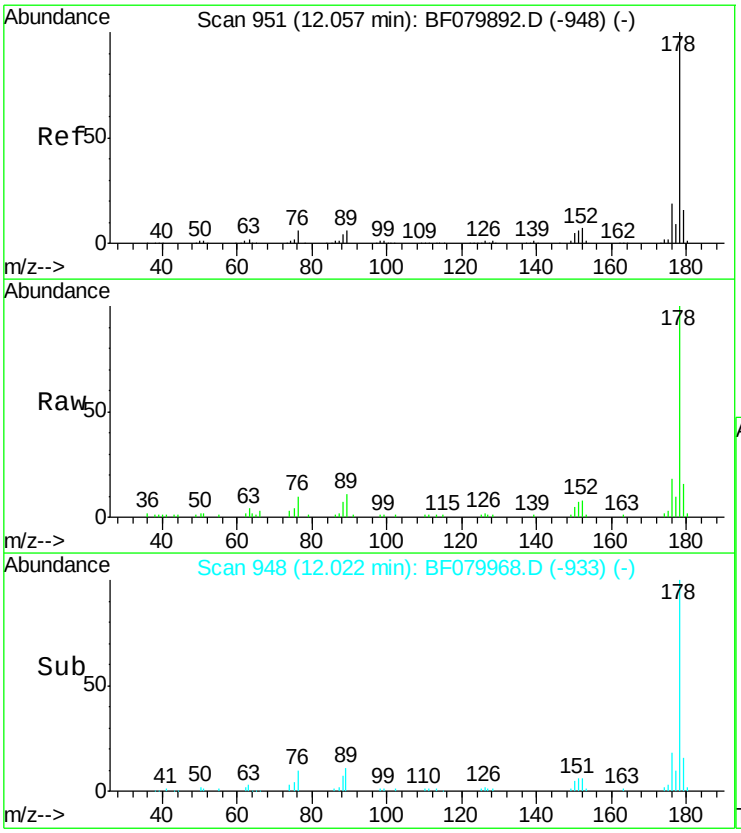
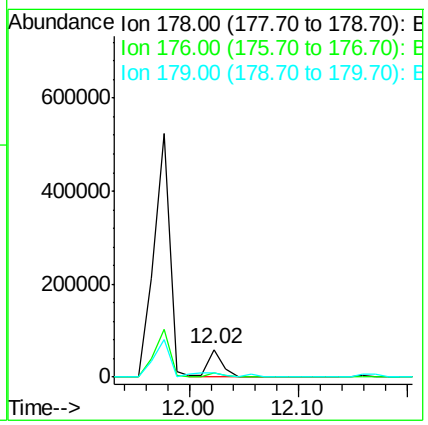
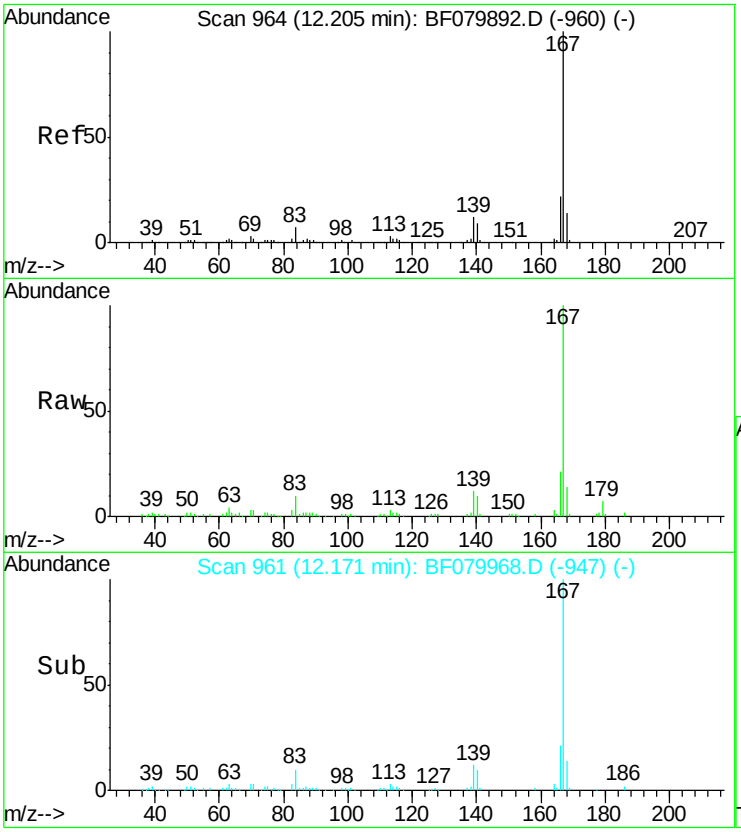


#71
Anthracene
Concen: 4.68 ng
RT: 12.02 min Scan# 948
Delta R.T. -0.03 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:178 Resp: 59865

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.2	22.8
179	15.9	12.5	18.7

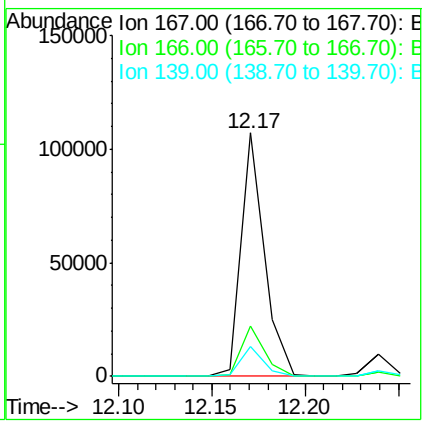




#72
Carbazole
Concen: 7.58 ng
RT: 12.17 min Scan# 961
Delta R.T. -0.05 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:167 Resp: 94046

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.2
139	12.4	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
MW-11C

Manual Integrations APPROVED
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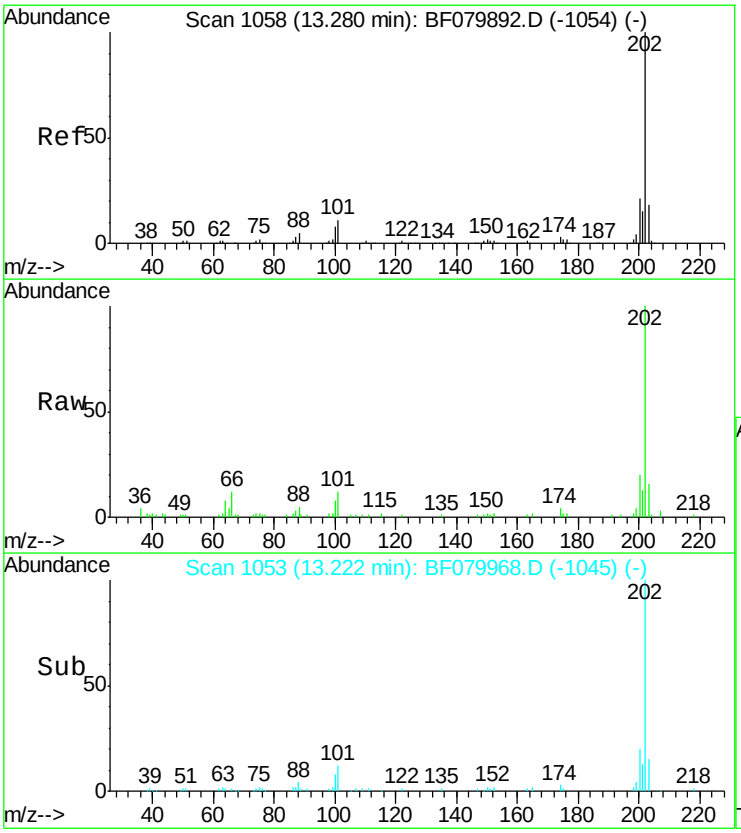
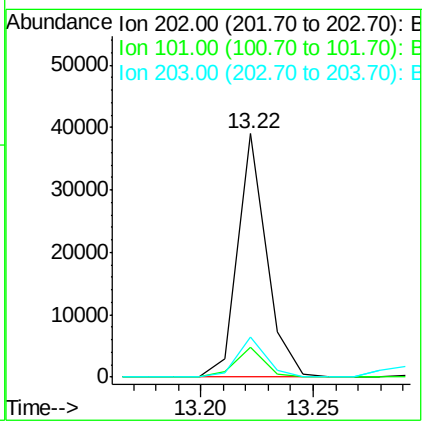
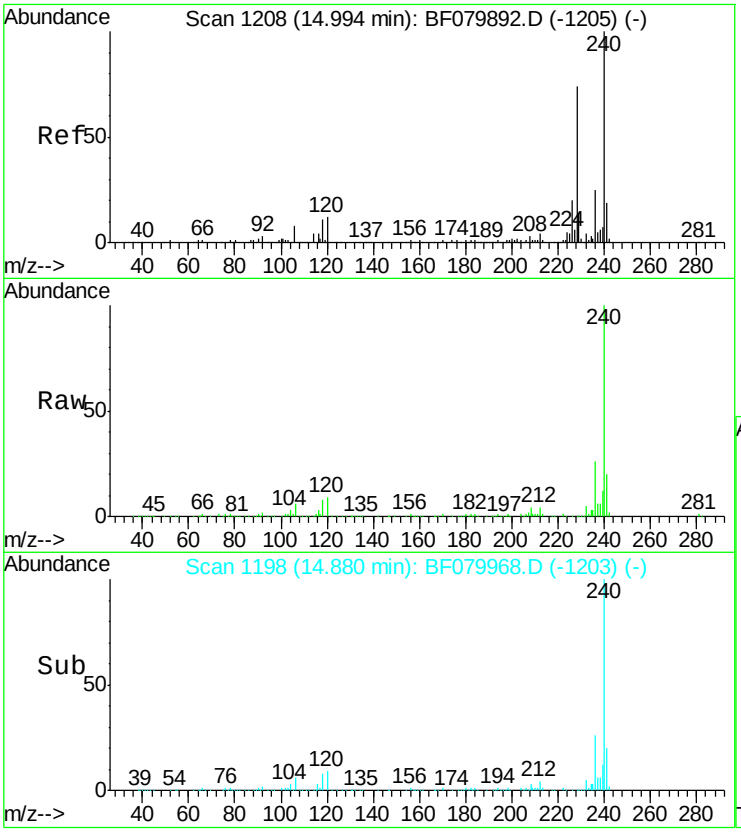


#74
Fluoranthene
Concen: 2.34 ng m
RT: 13.22 min Scan# 1053
Delta R.T. -0.11 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:202 Resp: 34106

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.7
203	16.3	0.0	38.0





#75
Chrysene-d12
Concen: 20.00 ng m
RT: 14.88 min Scan# 1198
Delta R.T. -0.26 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:240 Resp: 251100

Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.4	14.2#
236	26.2	19.6	29.4

Instrument :
BNA_F
ClientSampleId :
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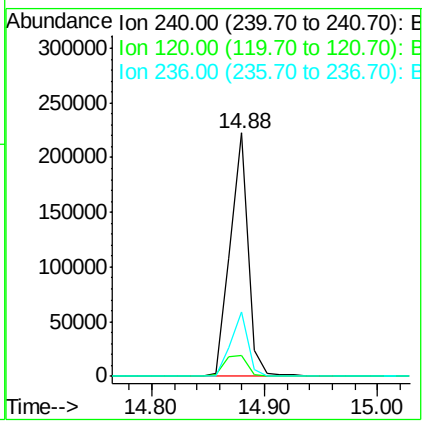
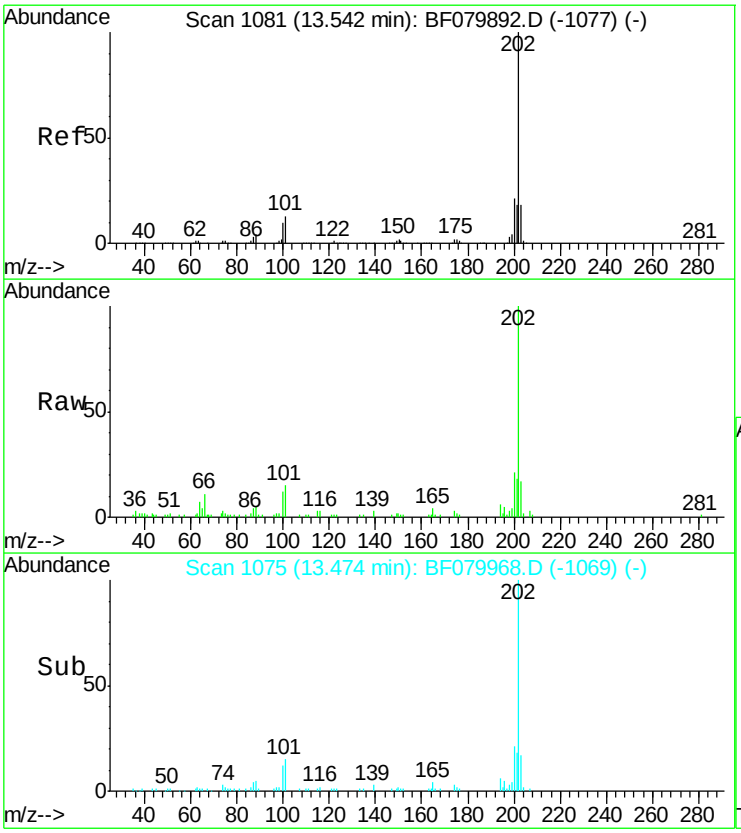
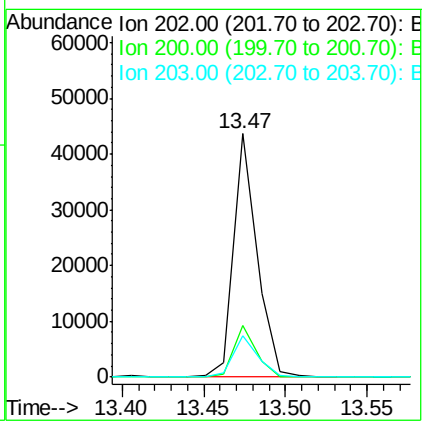


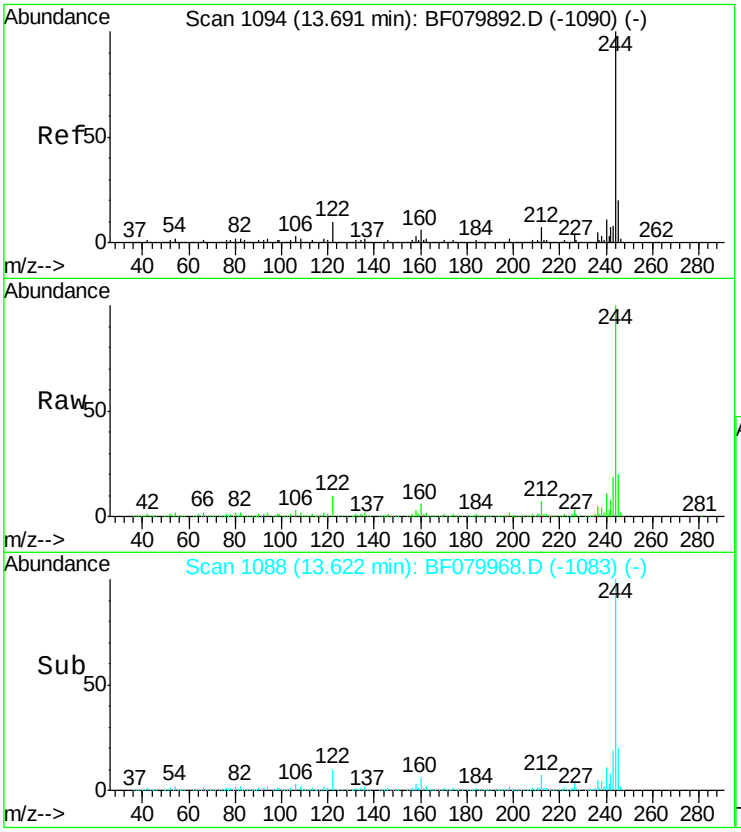


#77
Pyrene
Concen: 2.74 ng
RT: 13.47 min Scan# 1075
Delta R.T. -0.14 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:202 Resp: 43264

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.0	14.4	21.6

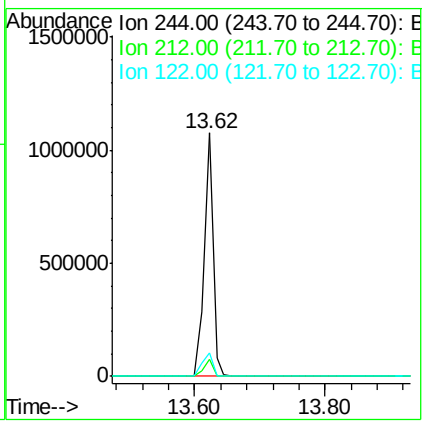




#78
Terphenyl-d14
Concen: 92.43 ng
RT: 13.62 min Scan# 1088
Delta R.T. -0.15 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:244 Resp: 1006691

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	9.8	7.8	11.8



Instrument :
BNA_F
ClientSampleId :
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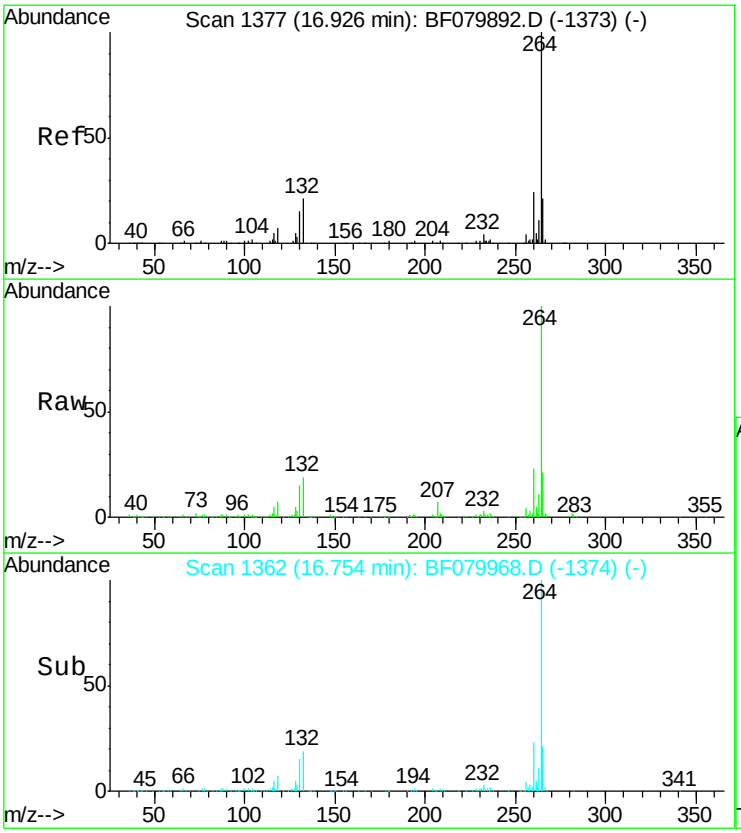

#86
Perylene-d12
Concen: 20.00 ng m
RT: 16.75 min Scan# 1362
Delta R.T. -0.34 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:264 Resp: 253632

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	21.1	17.0	25.6