

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
 Data File : BF077677.D
 Acq On : 10 Mar 2015 22:54
 Operator : TP/IZ
 Sample : G1443-01RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1RE

Manual Integrations
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Quant Time: Mar 11 03:25:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 00:54:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.19	152	59903	20.00	ng	0.00
21) Naphthalene-d8	8.77	136	228495	20.00	ng	0.00
38) Acenaphthene-d10	10.95	164	94528	20.00	ng	0.01
63) Phenanthrene-d10	12.79	188	184874	20.00	ng	0.02
75) Chrysene-d12	16.06	240	271403	20.00	ng	-0.02
86) Perylene-d12	17.74	264	241327	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	15446	4.30	ng	0.02
7) Phenol-d6	6.76	99	60176	13.04	ng	0.01
23) Nitrobenzene-d5	7.89	82	18139	4.94	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	10.12	172	275892	45.51	ng	0.00
78) Terphenyl-d14	14.78	244	269388	23.20	ng	0.01
Target Compounds						
31) Naphthalene	8.79	128	759639	66.48	ng	Qvalue 97
37) 2-Methylnaphthalene	9.66	142	1414714	174.34	ng	# 95
57) Fluorene	11.63	166	209994	32.06	ng	# 76
70) Phenanthrene	12.82	178	560957	52.35	ng	# 94
76) Benzydine	14.47	184	1048239	114.32	ng	98

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

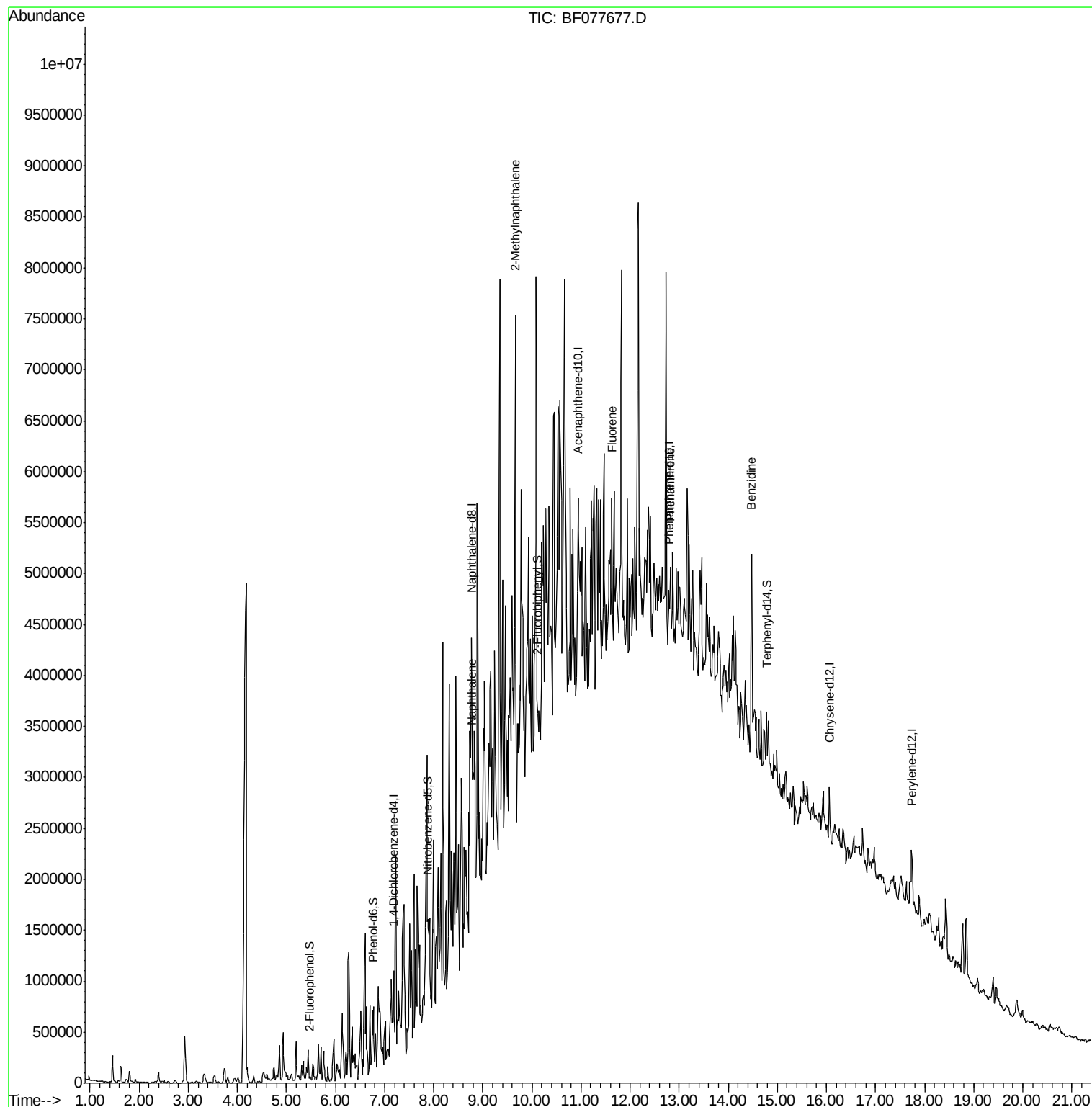
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077677.D
Acq On : 10 Mar 2015 22:54
Operator : TP/IZ
Sample : G1443-01RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

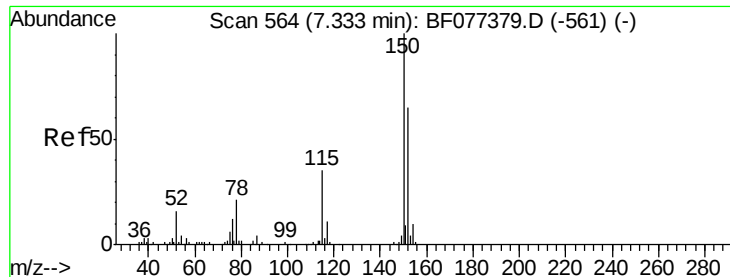
Instrument :
BNA_F
ClientSampleId :
TW-1RE

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Quant Time: Mar 11 03:25:26 2015
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#1

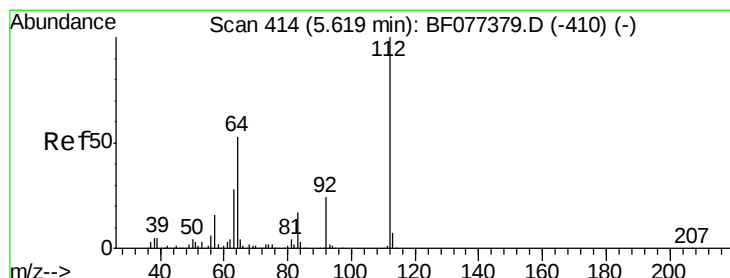
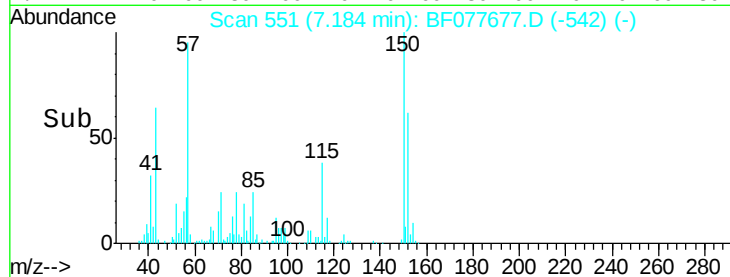
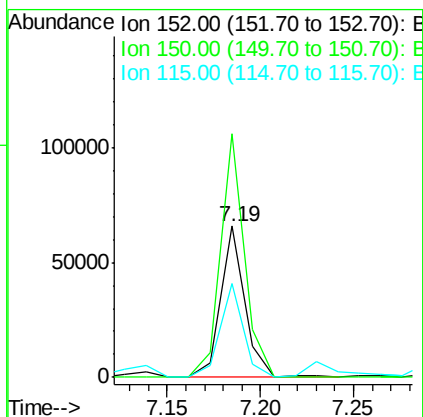
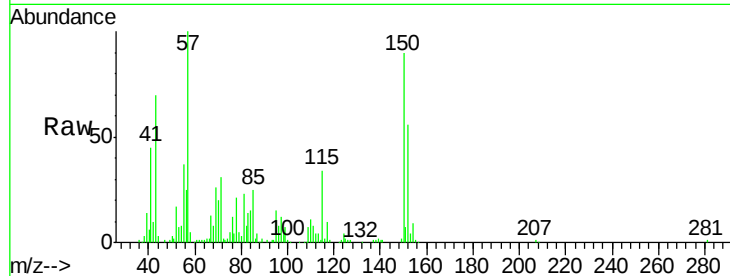
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.19 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

Instrument :
BNA_F
ClientSampleId :
TW-1RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.0	186.0
115	61.9	49.4	74.2

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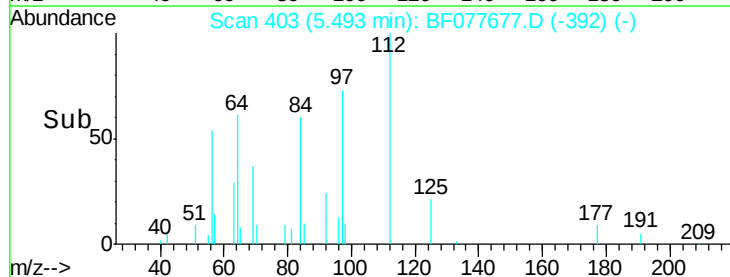
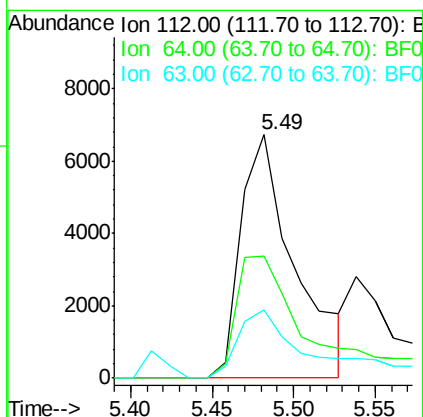
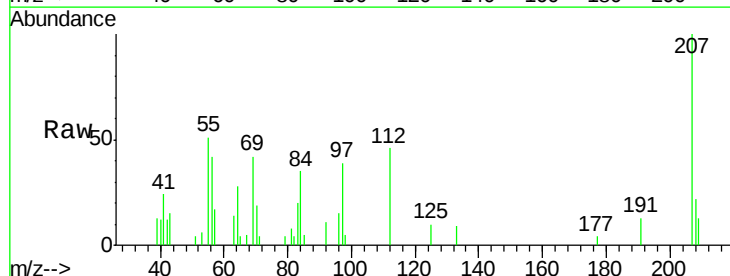
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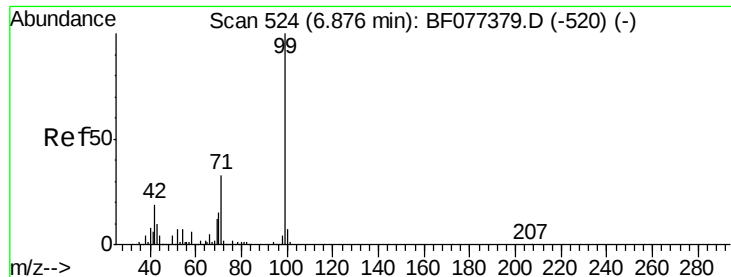


#5

2-Fluorophenol
Concen: 4.30 ng
RT: 5.49 min Scan# 403
Delta R.T. 0.02 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	48.5	72.7
63	29.3	25.0	37.4





#7

Phenol-d6

Concen: 13.04 ng

RT: 6.76 min Scan# 514

Delta R.T. 0.01 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

Instrument :

BNA_F

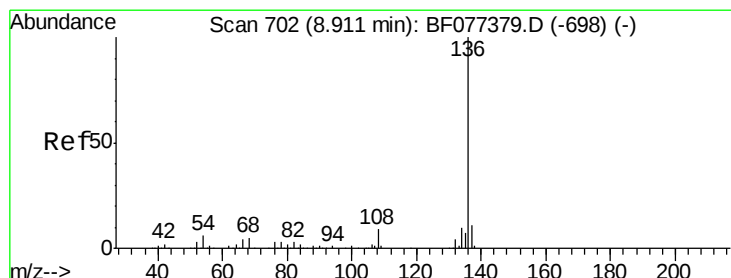
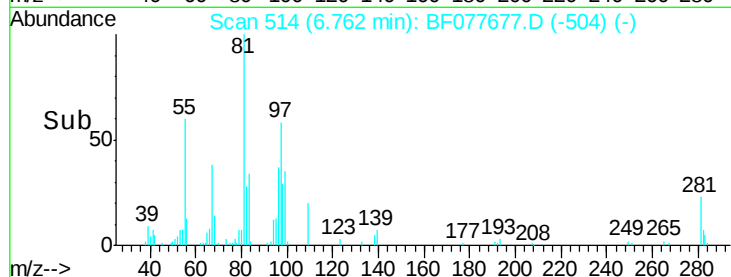
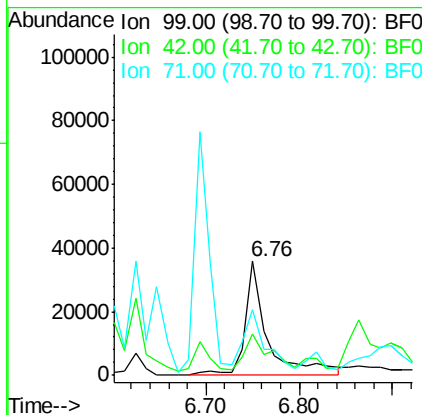
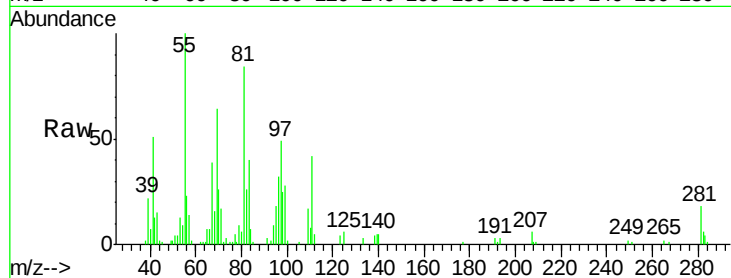
ClientSampled :

TW-1RE

Tot Ion:	99	Resp:	60176
Ion Ratio	Lower	Upper	
99	100		
42	47.1	16.2	24.4#
71	59.8	26.7	40.1#

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#21

Naphthalene-d8

Concen: 20.00 ng

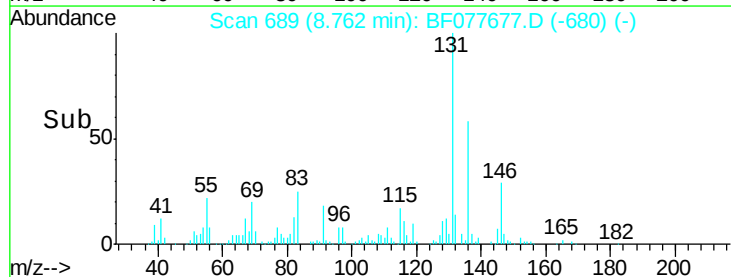
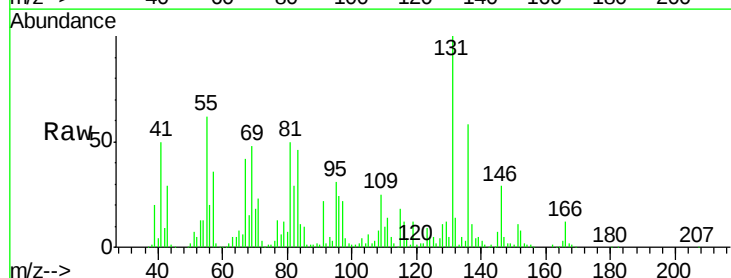
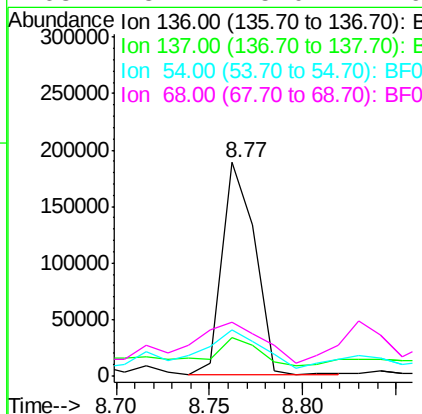
RT: 8.77 min Scan# 689

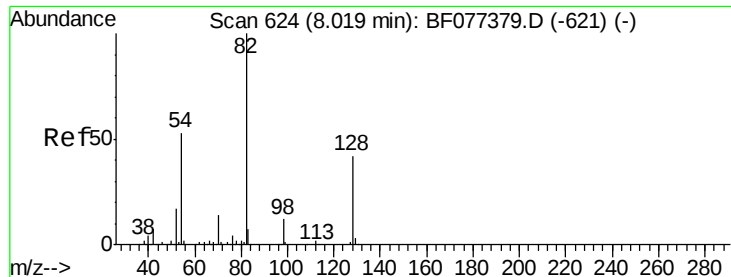
Delta R.T. 0.00 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

Tgt Ion:	136	Resp:	228495
Ion Ratio	Lower	Upper	
136	100		
137	18.0	8.6	13.0#
54	21.6	6.2	9.4#
68	25.4	5.0	7.6#





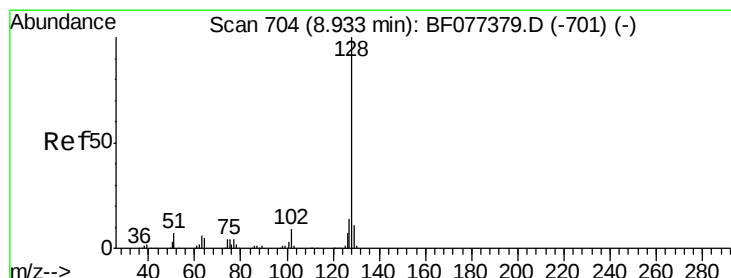
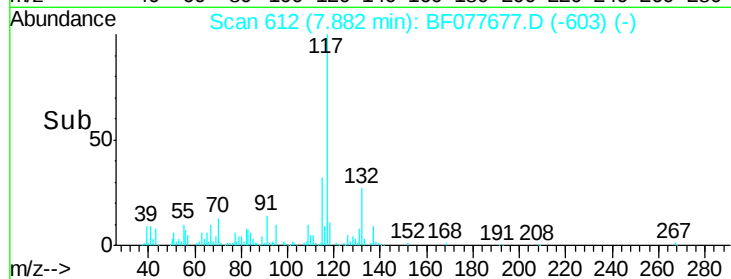
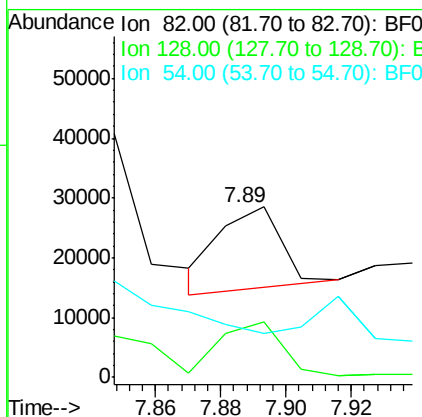
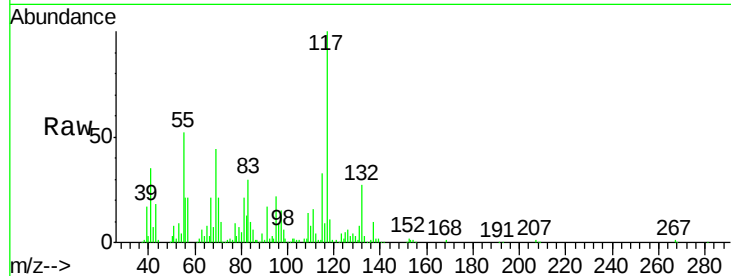
#23
 Nitrobenzene-d5
 Concen: 4.94 ng
 RT: 7.89 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF077677.D
 Acq: 10 Mar 2015 22:54

Instrument :
 BNA_F
 ClientSampleID :
 TW-1RE

Tot Ion:	82	Resp:	18139
Ion Ratio	Lower	Upper	
82	100		
128	29.2	43.8	65.8#
54	34.7	36.7	55.1#

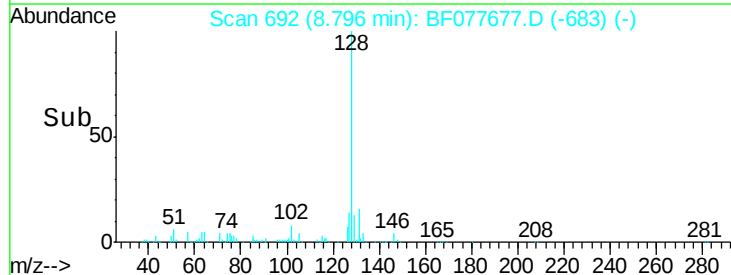
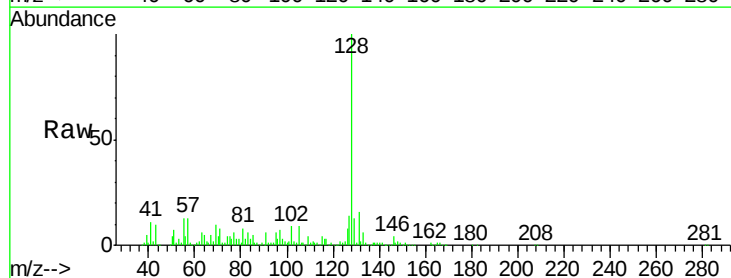
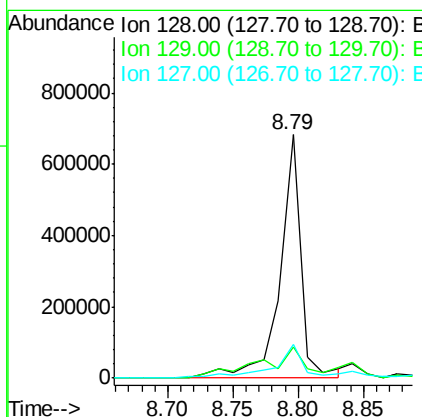
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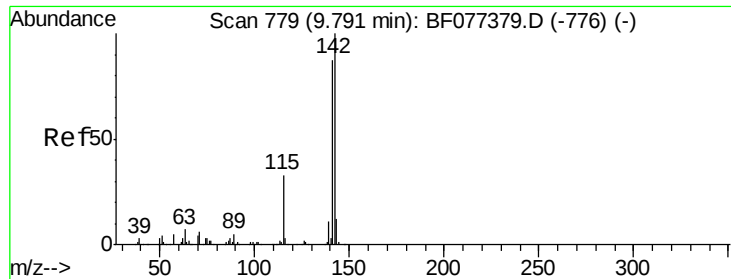
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#31
 Naphthalene
 Concen: 66.48 ng
 RT: 8.79 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF077677.D
 Acq: 10 Mar 2015 22:54

Tgt Ion:	128	Resp:	759639
Ion Ratio	Lower	Upper	
128	100		
129	12.9	9.4	14.0
127	14.0	10.6	15.8





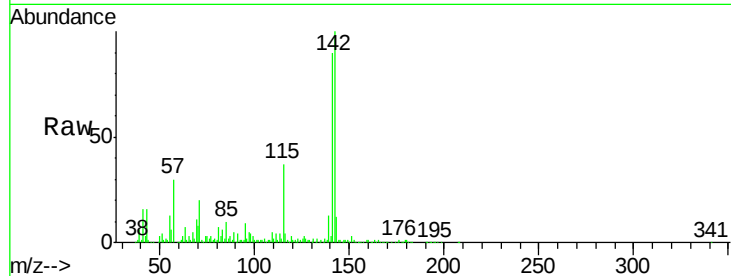
#37
2-Methylnaphthalene
Concen: 174.34 ng
RT: 9.66 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

Instrument :
BNA_F
ClientSampleId :
TW-1RE

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.7	106.1
115	37.4	24.2	36.4

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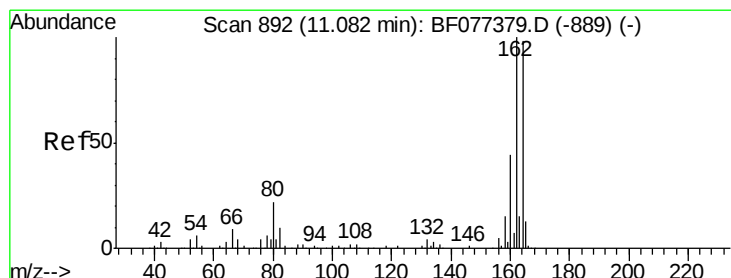
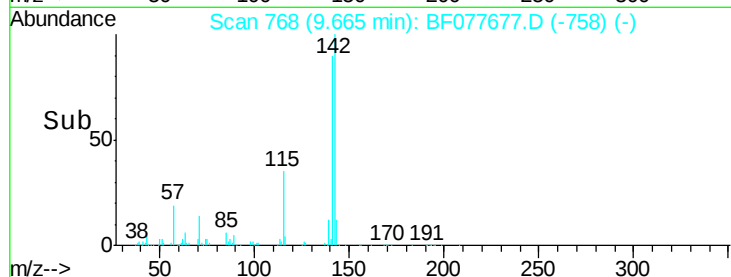
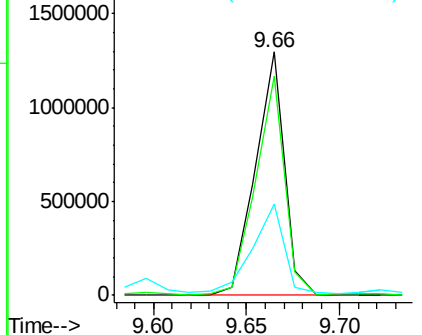


Abundance

Ion 142.00 (141.70 to 142.70): E

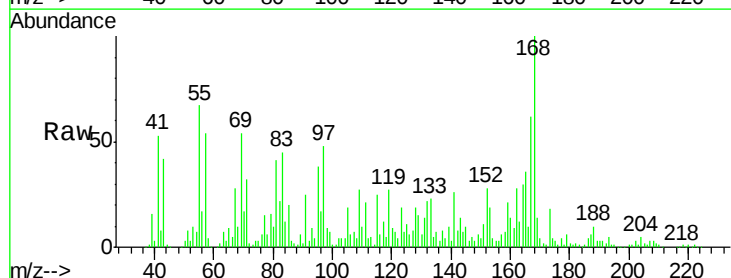
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.95 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	90.7	83.2	124.8
160	45.2	34.6	52.0

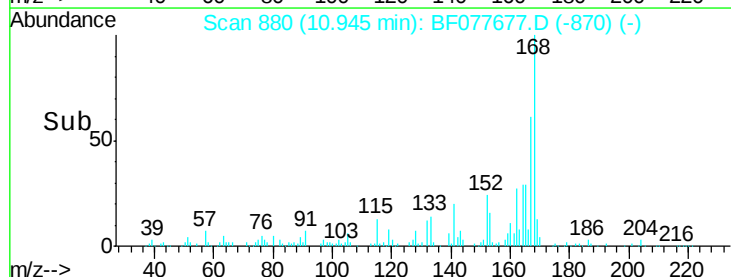
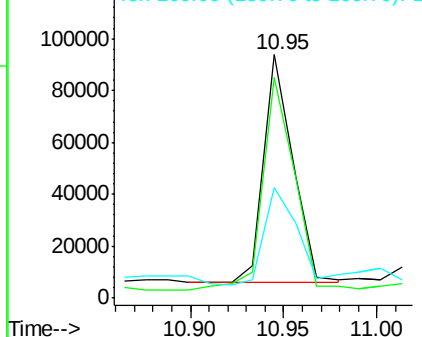


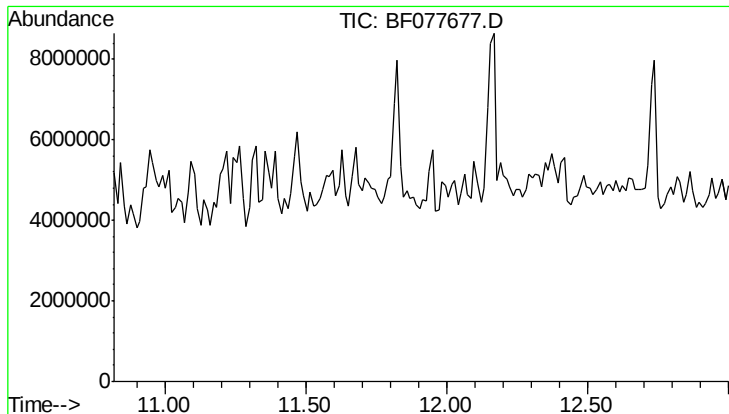
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





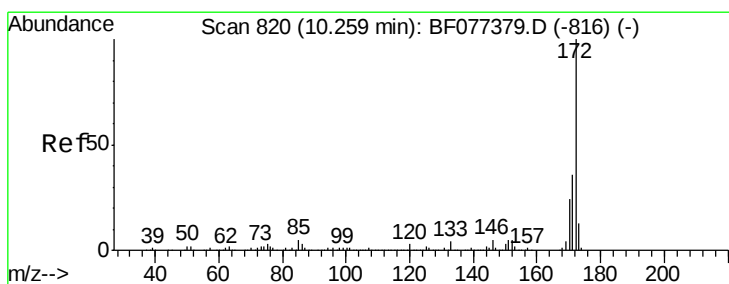
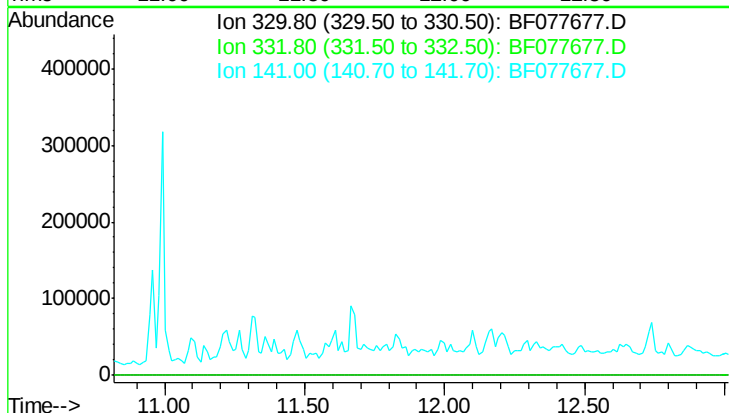
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.91 min
 Lab File: BF077677.D
 Acq: 10 Mar 2015 22:54

Tot Ion	330	332	141
Exp Ratio	100	96.8	36.0

Instrument :
 BNA_F
 ClientSampleId :
 TW-1RE

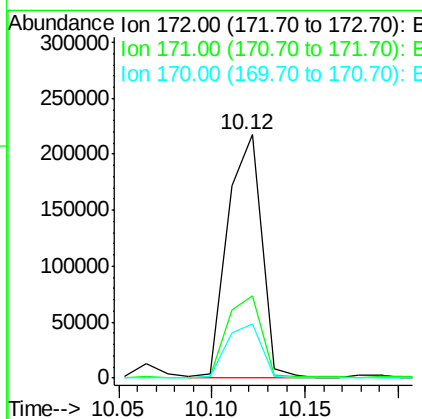
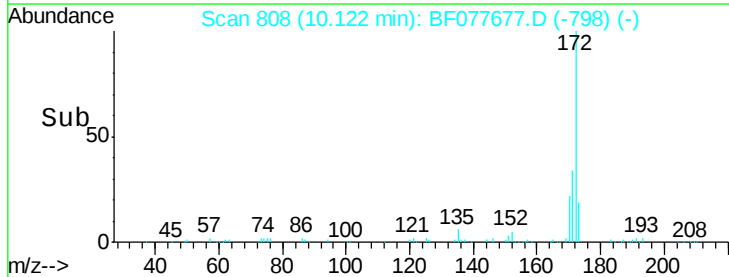
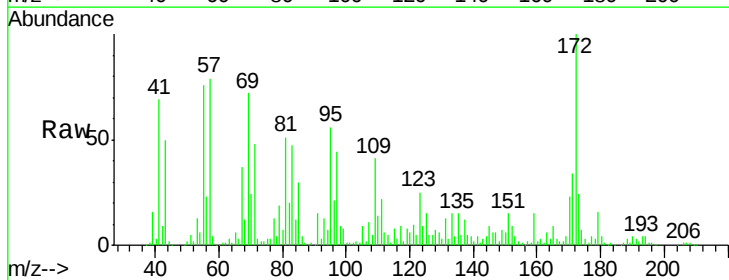
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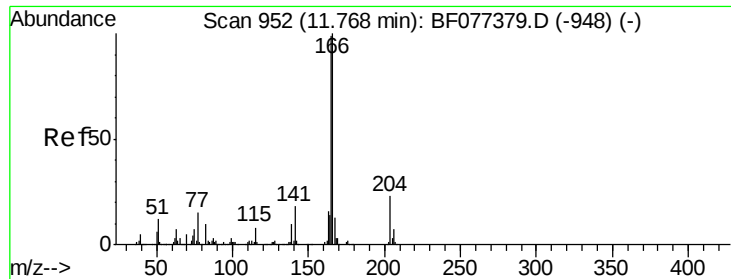
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#44
 2-Fluorobiphenyl
 Concen: 45.51 ng
 RT: 10.12 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: BF077677.D
 Acq: 10 Mar 2015 22:54

Tgt Ion	172	Resp	275892
Ion Ratio	100		
171	34.0	28.9	43.3
170	22.5	19.4	29.2





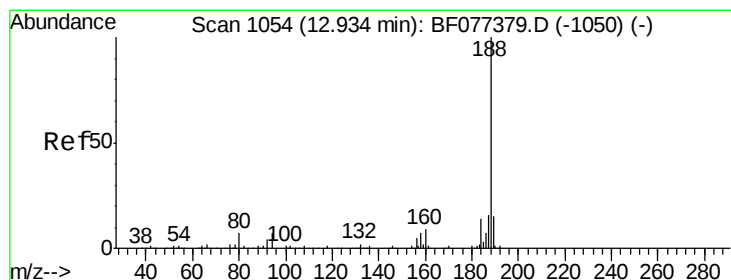
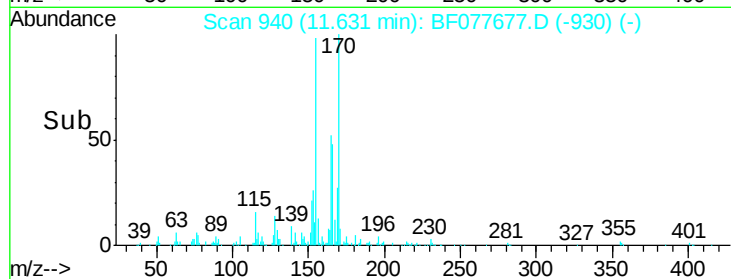
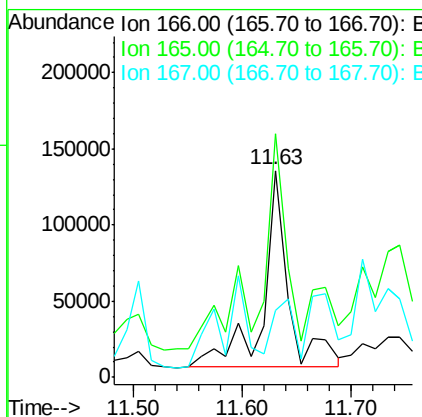
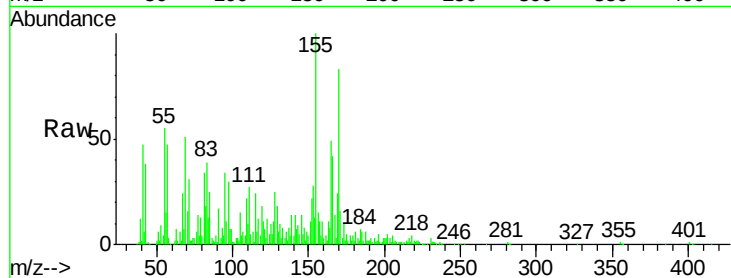
#57
Fluorene
 Concen: 32.06 ng
 RT: 11.63 min Scan# 940
 Delta R.T. 0.02 min
 Lab File: BF077677.D
 Acq: 10 Mar 2015 22:54

Instrument :
 BNA_F
 ClientSampleId :
 TW-1RE

Tot Ion	Ratio	Lower	Upper
166	100		
165	117.8	77.6	116.4#
167	32.6	10.6	16.0#

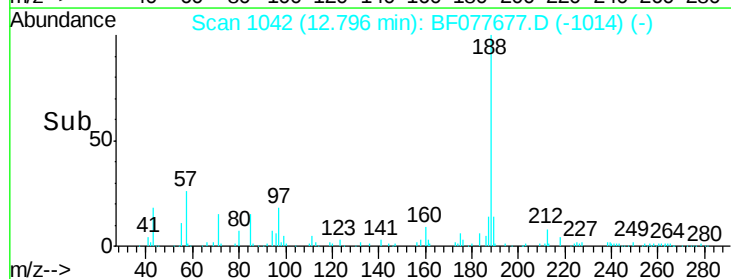
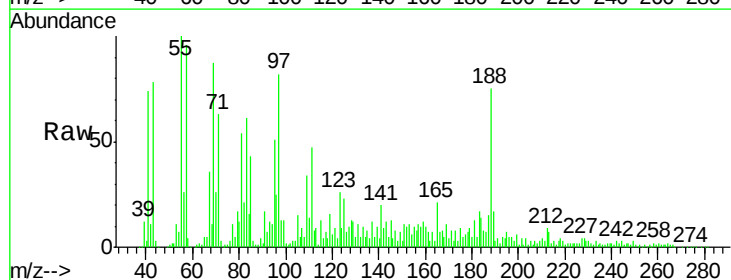
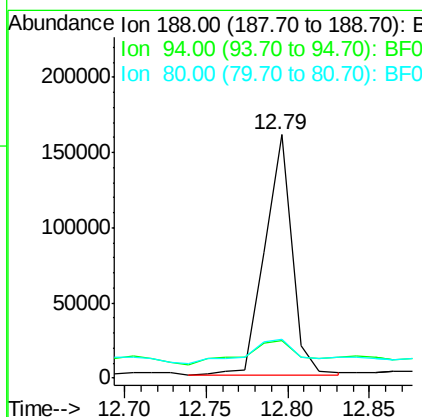
Manual Integrations
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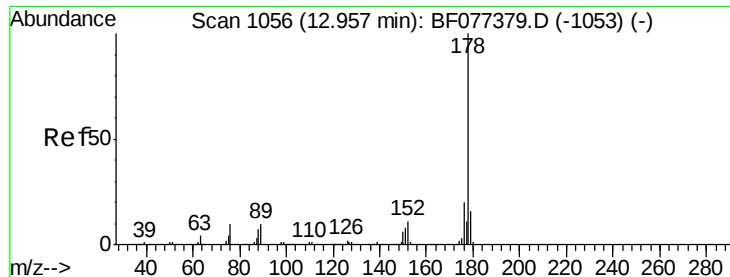
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#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.79 min Scan# 1042
 Delta R.T. 0.02 min
 Lab File: BF077677.D
 Acq: 10 Mar 2015 22:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	15.3	7.4	11.2#
80	16.2	8.0	12.0#





#70

Phenanthrene

Concen: 52.35 ng

RT: 12.82 min Scan# 1044

Delta R.T. 0.02 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

Instrument :

BNA_F

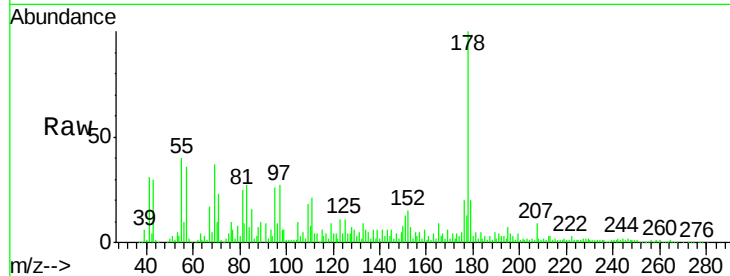
ClientSampleId :

TW-1RE

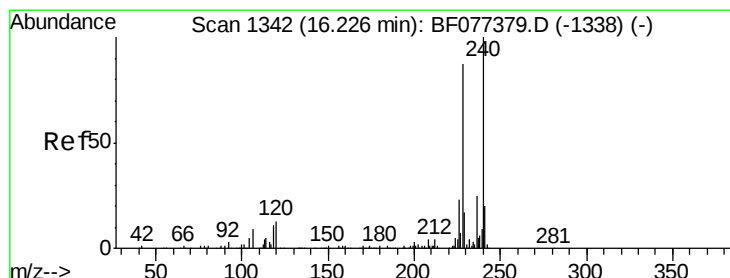
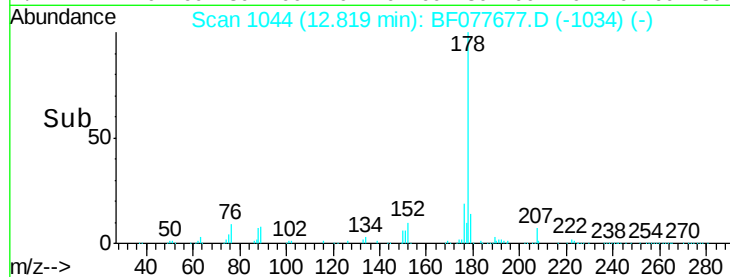
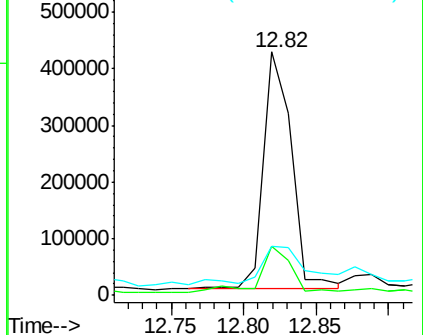
Tot Ion:	178	Resp:	560957
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.5	23.3
179	19.9	12.2	18.2#

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

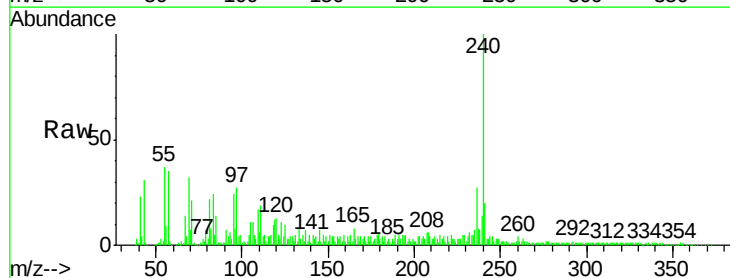
RT: 16.06 min Scan# 1328

Delta R.T. -0.02 min

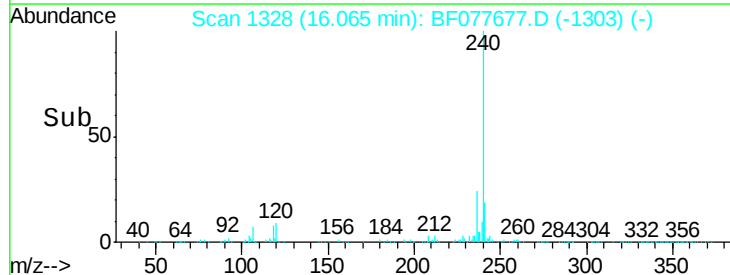
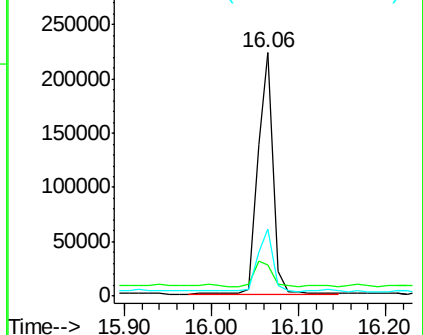
Lab File: BF077677.D

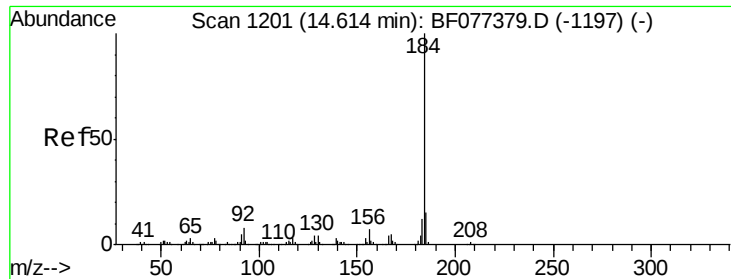
Acq: 10 Mar 2015 22:54

Tgt Ion:	240	Resp:	271403
Ion Ratio	Lower	Upper	
240	100		
120	12.9	8.8	13.2
236	27.3	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 114.32 ng

RT: 14.47 min Scan# 1189

Delta R.T. 0.01 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

Instrument :

BNA_F

ClientSampleId :

TW-1RE

Tot Ion:184 Resp: 1048239

Ion Ratio Lower Upper

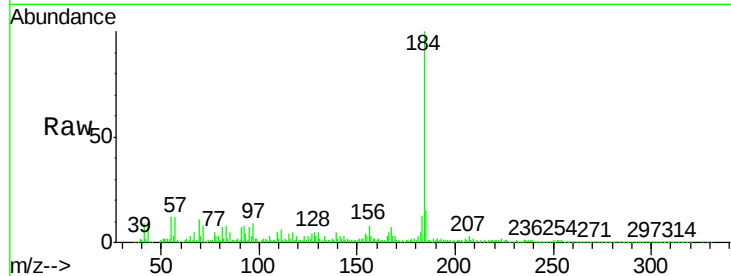
184 100

185 15.4 12.6 18.8

183 13.5 9.3 13.9

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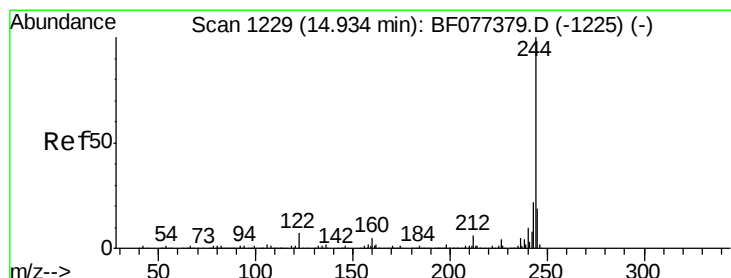
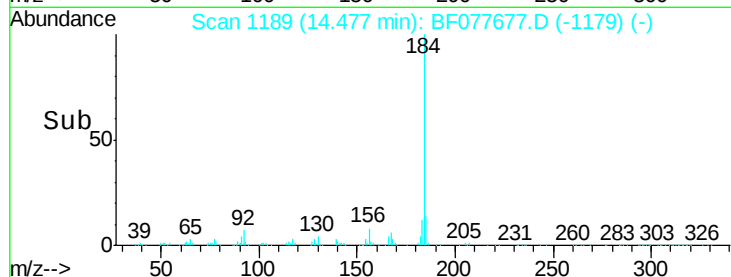
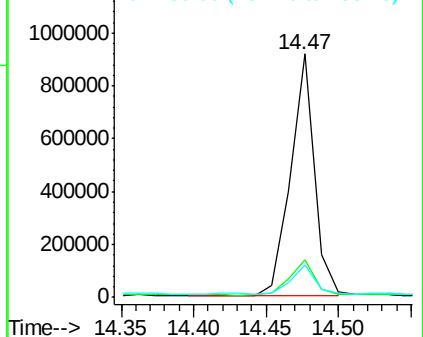


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 23.20 ng

RT: 14.78 min Scan# 1216

Delta R.T. 0.01 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

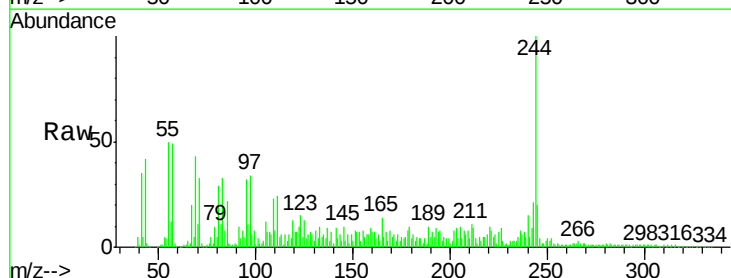
Tgt Ion:244 Resp: 269388

Ion Ratio Lower Upper

244 100

212 8.5 5.2 7.8#

122 10.2 7.8 11.8

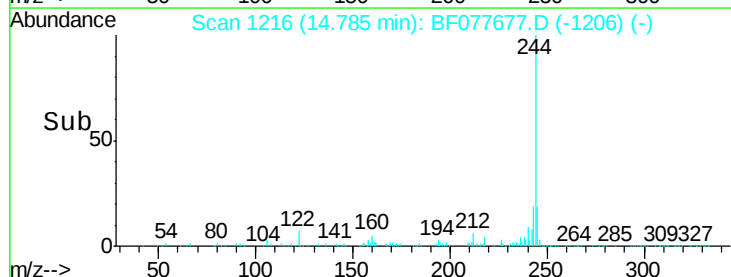
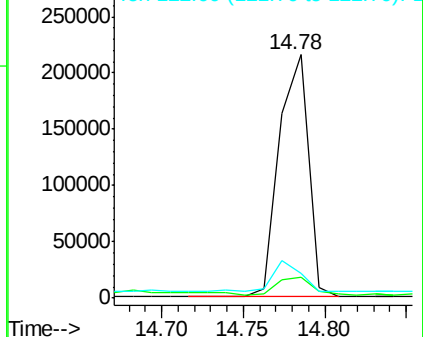


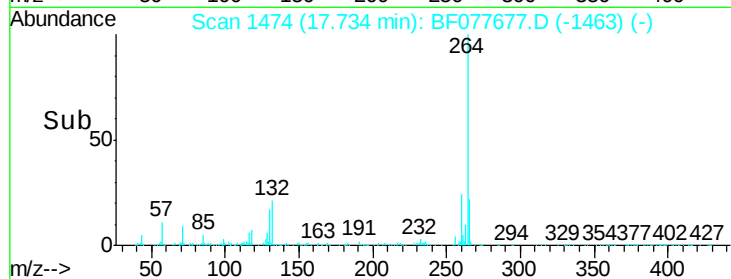
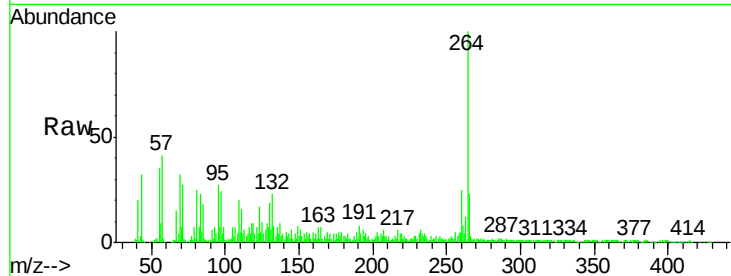
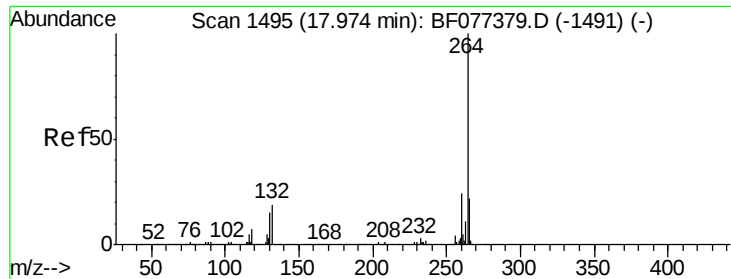
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.74 min Scan# 1474
Delta R.T. -0.17 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

Instrument :
BNA_F
ClientSampleId :
TW-1RE

Tot Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.3	19.3	28.9
265	23.4	16.8	25.2

Manual Integrations
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3/12/2015 2:22:11 PM

