

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031315\
 Data File : BF077742.D
 Acq On : 13 Mar 2015 16:22
 Operator : TP/IZ
 Sample : G1517-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Manual Integrations
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mohammad
 3/19/2015 11:35:14 AM

Quant Time: Mar 14 00:39:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 14:04:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	55743	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	233044	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	122307	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	232935	20.00	ng	0.00
75) Chrysene-d12	16.03	240	244043	20.00	ng	0.00
86) Perylene-d12	17.80	264	236819	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	167677	52.51	ng	0.00
7) Phenol-d6	6.74	99	131319	33.28	ng	0.00
23) Nitrobenzene-d5	7.86	82	284622	80.06	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	134216	114.69	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	643847	77.36	ng	0.00
78) Terphenyl-d14	14.74	244	626916	62.75	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.77	128	181808	15.19	ng	99
37) 2-Methylnaphthalene	9.63	142	66091	8.22	ng	95
49) Dimethylphthalate	10.60	163	23696	2.61	ng	99
51) Acenaphthene	10.96	154	27114	3.58	ng	97
57) Fluorene	11.60	166	37976	4.07	ng	97
70) Phenanthrene	12.77	178	89432	6.69	ng	99
74) Fluoranthene	14.25	202	32053	2.17	ng	92
77) Pyrene	14.53	202	35885	2.34	ng	95

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

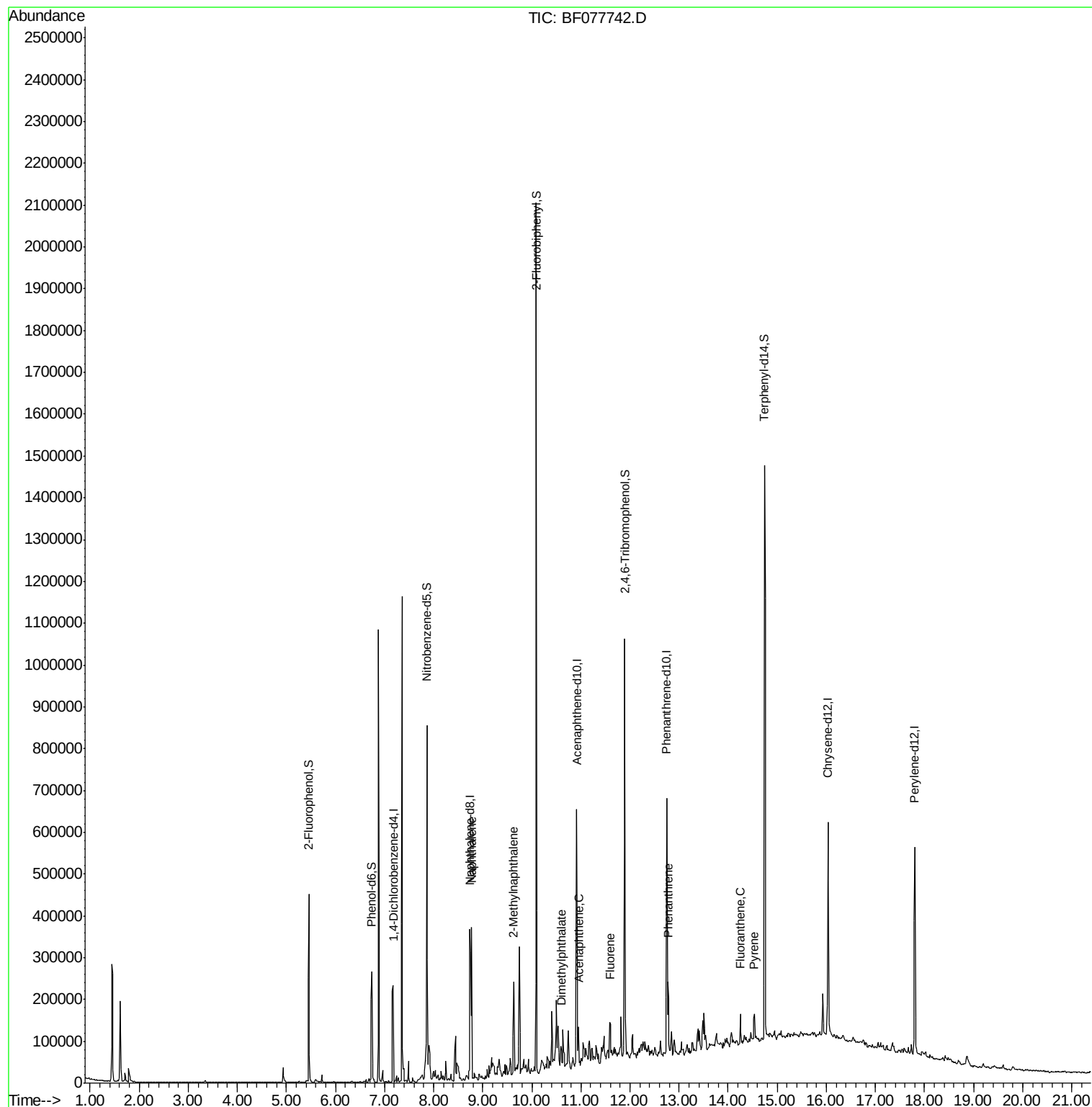
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031315\
Data File : BF077742.D
Acq On : 13 Mar 2015 16:22
Operator : TP/IZ
Sample : G1517-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

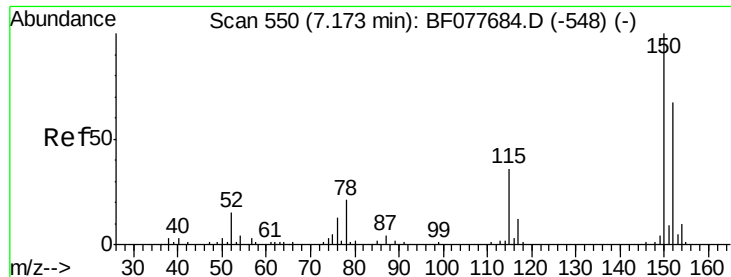
Instrument :
BNA_F
ClientSampleId :
MW3

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3/19/2015 11:35:14 AM

Quant Time: Mar 14 00:39:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
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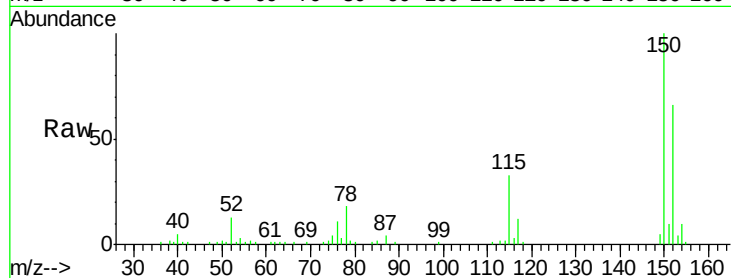




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.17 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF077742.D
Acq: 13 Mar 2015 16:22

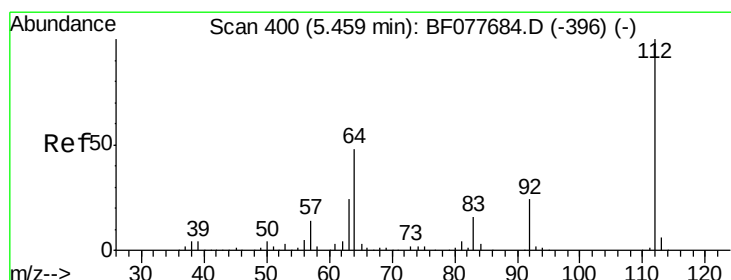
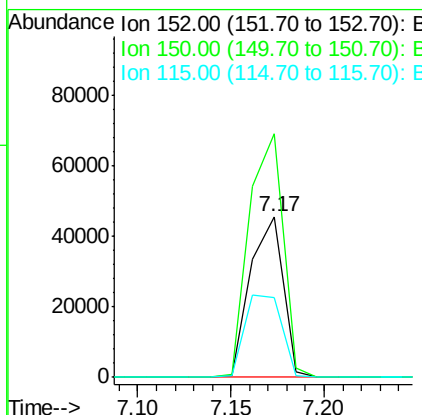
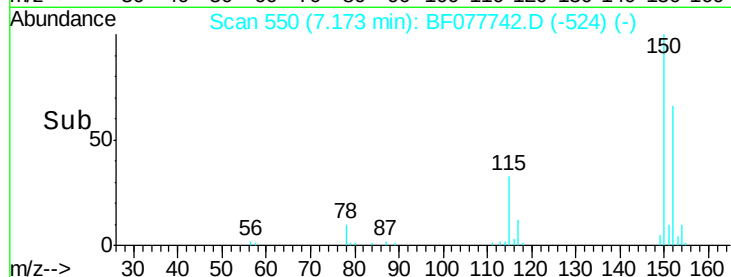
Instrument :
BNA_F
ClientSampleId :
MW3



Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.7	119.5	179.3
115	49.7	43.0	64.4

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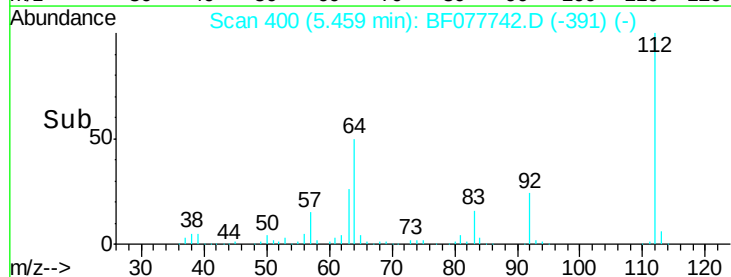
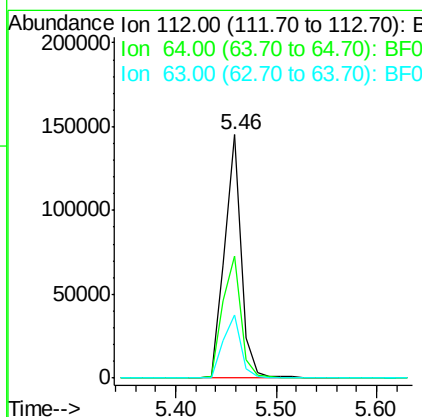
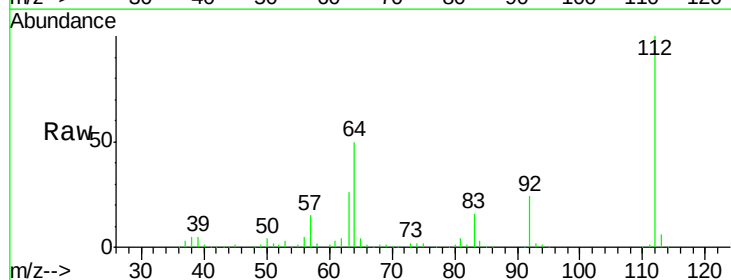
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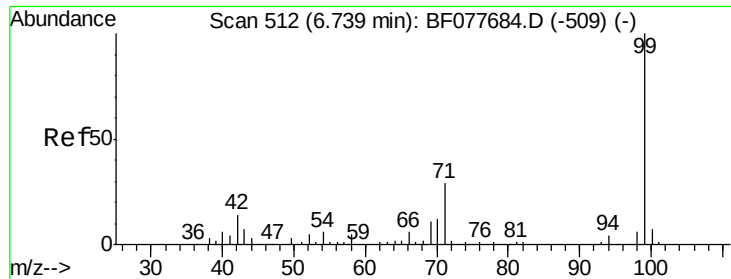


#5

2-Fluorophenol
Concen: 52.51 ng
RT: 5.46 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF077742.D
Acq: 13 Mar 2015 16:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.3	38.6	57.8
63	25.9	19.3	28.9





#7

Phenol-d6

Concen: 33.28 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

Instrument :

BNA_F

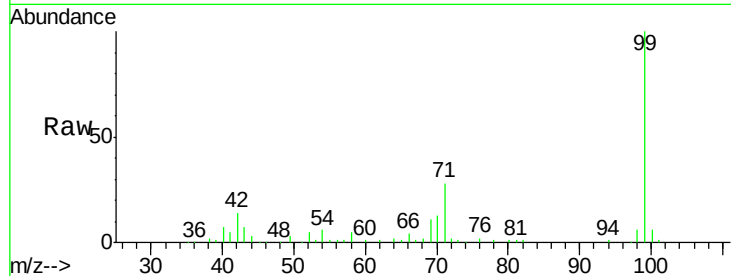
ClientSampleID :

MW3

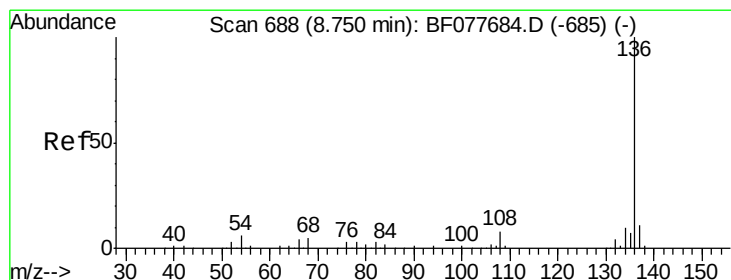
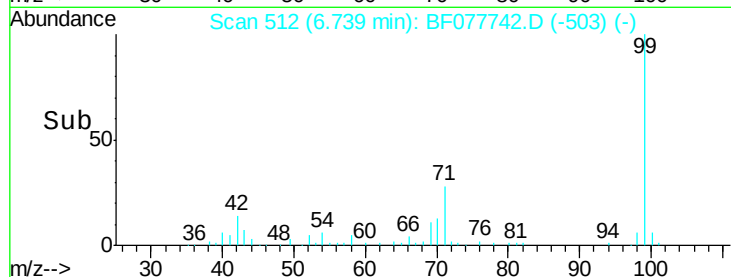
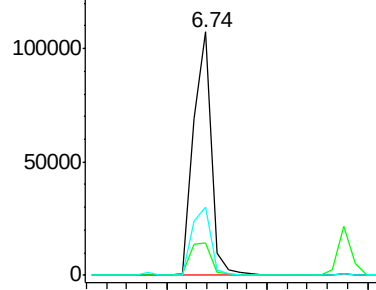
Tgt Ion:	99	Resp:	131319
Ion Ratio	Lower	Upper	
99	100		
42	13.6	11.0	16.4
71	28.2	23.4	35.2

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

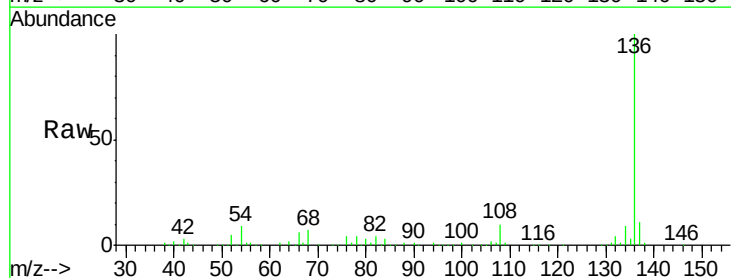
RT: 8.74 min Scan# 687

Delta R.T. -0.01 min

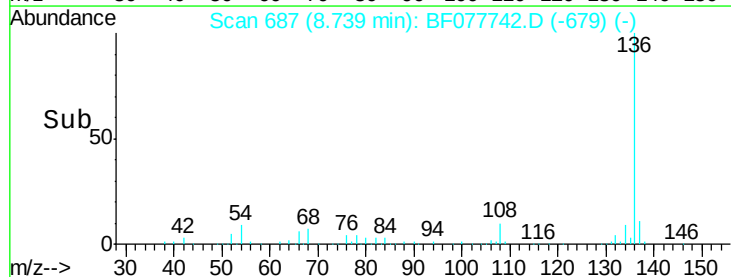
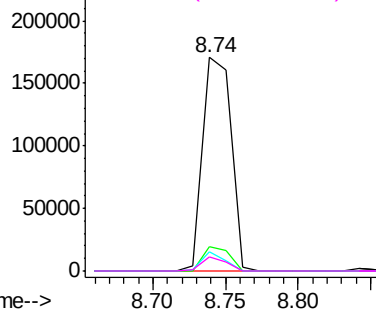
Lab File: BF077742.D

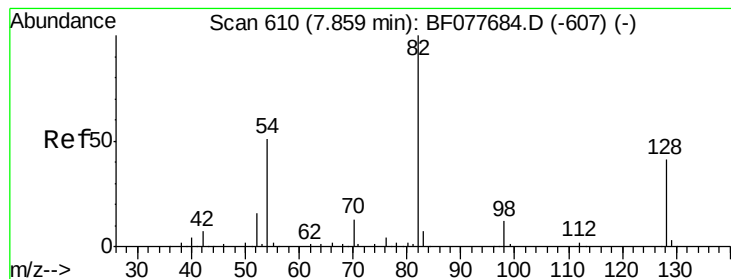
Acq: 13 Mar 2015 16:22

Tgt Ion:	136	Resp:	233044
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.7	13.1
54	9.1	4.6	6.8#
68	6.8	3.7	5.5#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 80.06 ng

RT: 7.86 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF077742.D

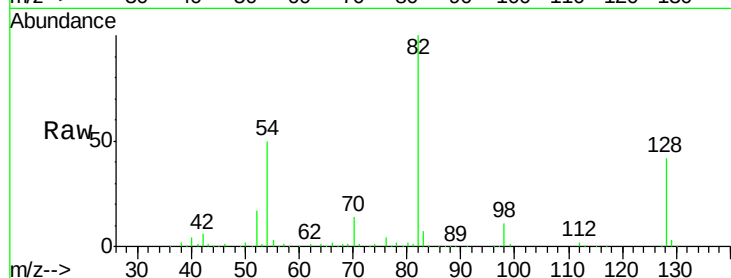
Acq: 13 Mar 2015 16:22

Instrument :

BNA_F

ClientSampled :

MW3



Tgt Ion: 82 Resp: 284622

Ion Ratio Lower Upper

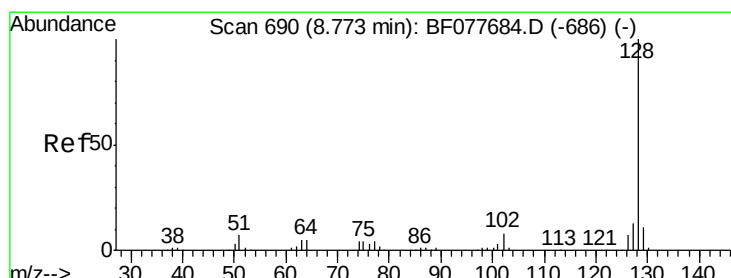
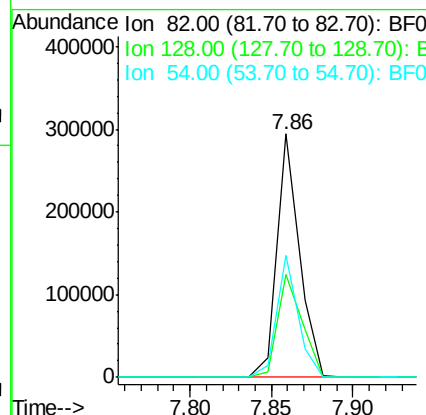
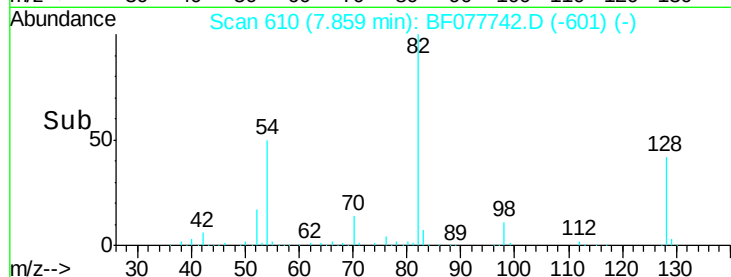
82 100

128 42.3 32.8 49.2

54 50.2 40.6 60.8

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#31

Naphthalene

Concen: 15.19 ng

RT: 8.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

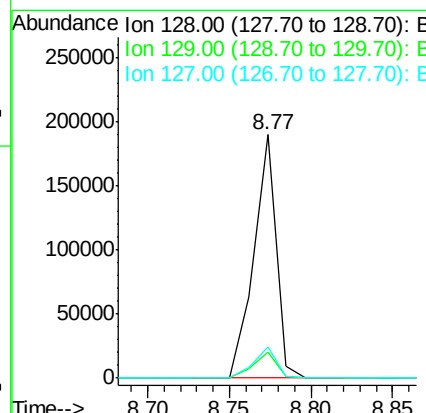
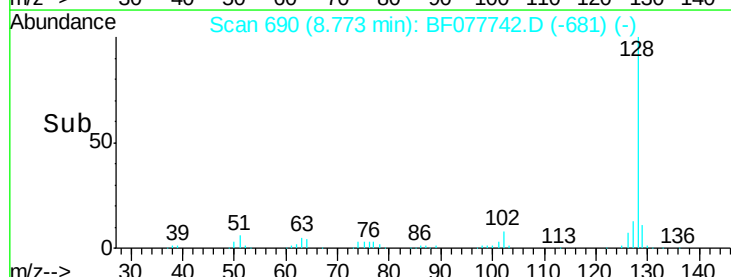
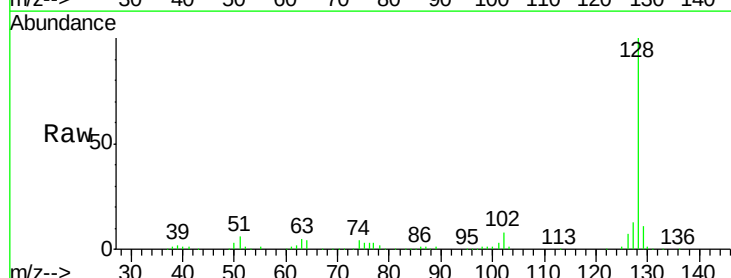
Tgt Ion: 128 Resp: 181808

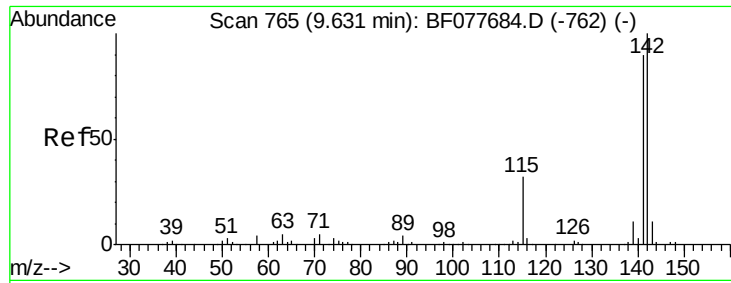
Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

127 12.8 10.4 15.6





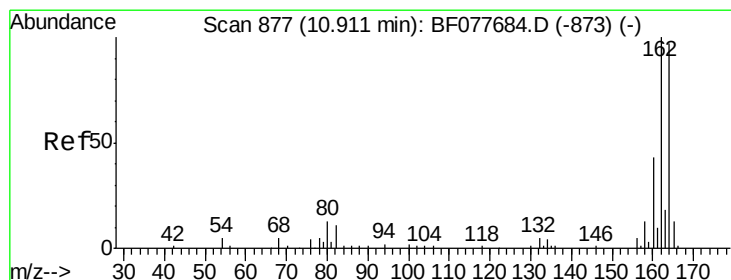
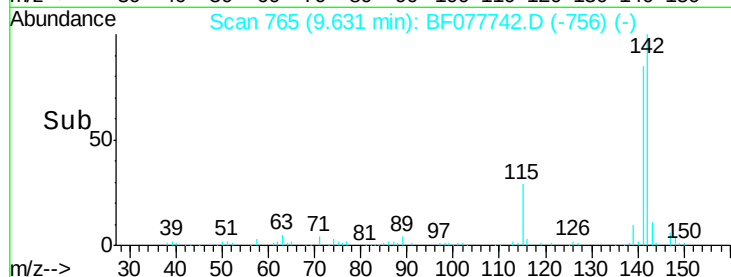
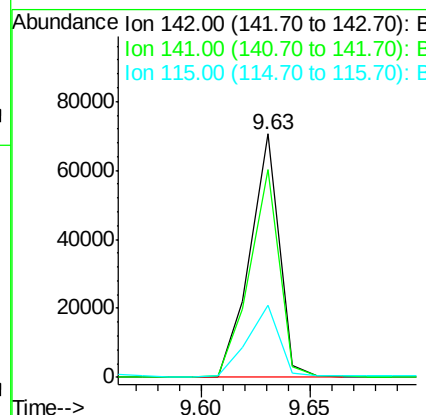
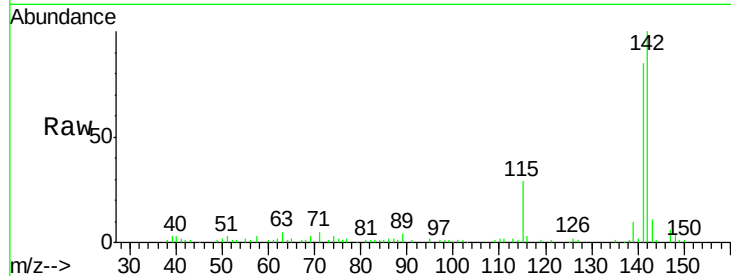
#37
2-Methylnaphthalene
Concen: 8.22 ng
RT: 9.63 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF077742.D
Acq: 13 Mar 2015 16:22

Instrument :
BNA_F
ClientSampleId :
MW3

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.2	71.9	107.9
115	29.4	25.4	38.0

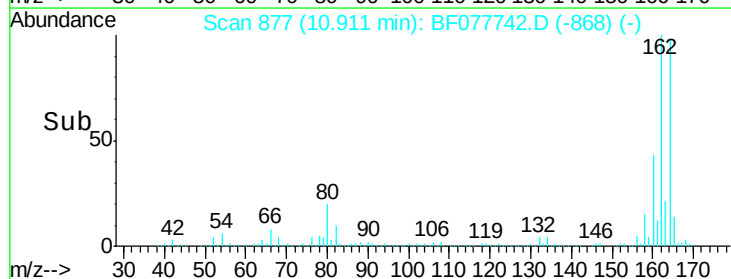
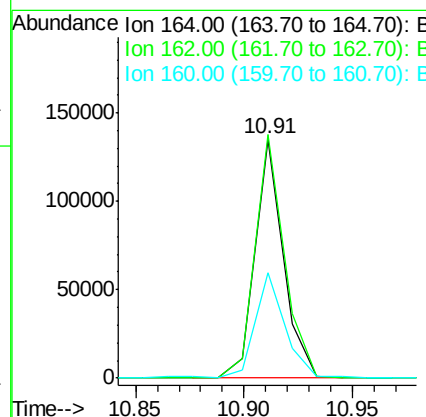
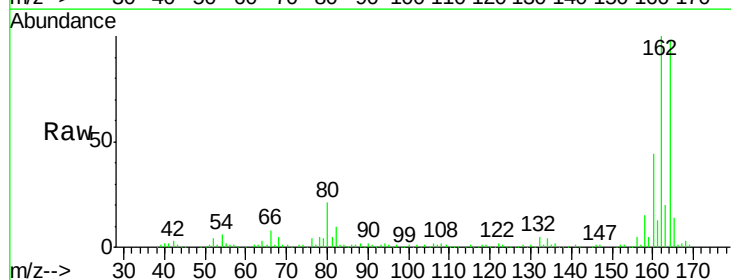
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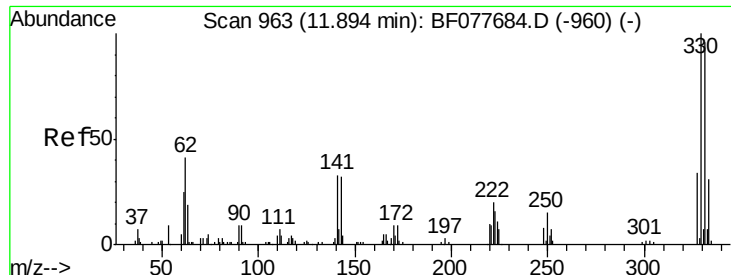
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF077742.D
Acq: 13 Mar 2015 16:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.4	123.6
160	44.3	35.8	53.6





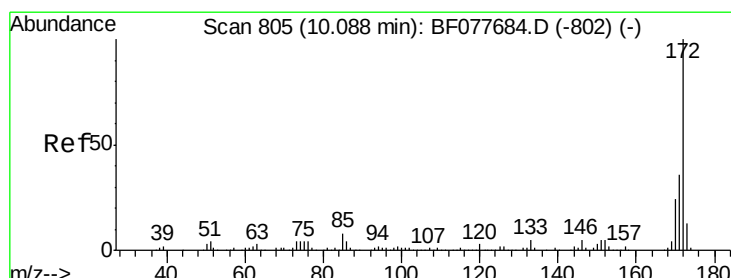
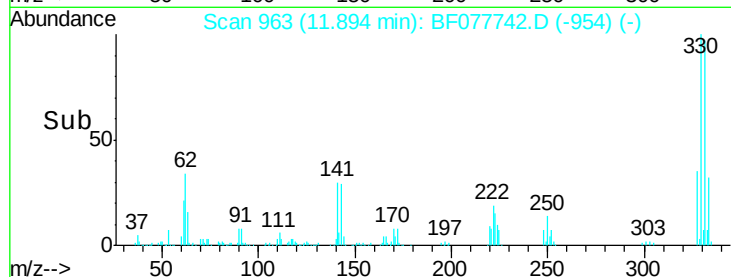
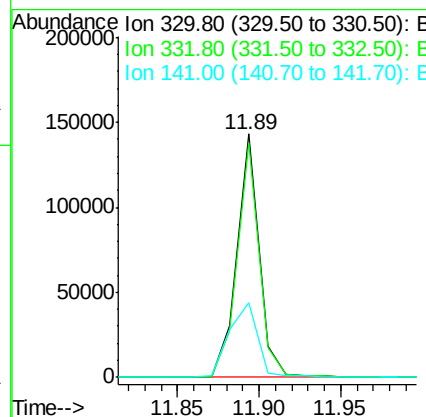
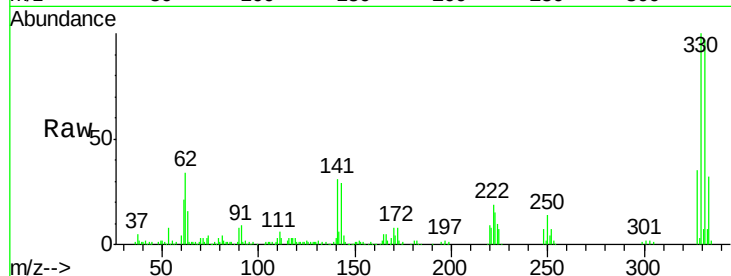
#41
 2,4,6-Tribromophenol
 Concen: 114.69 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077742.D
 Acq: 13 Mar 2015 16:22

Instrument :
 BNA_F
 ClientSampled :
 MW3

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.3	0.0	0.0#
141	38.8	0.0	0.0#

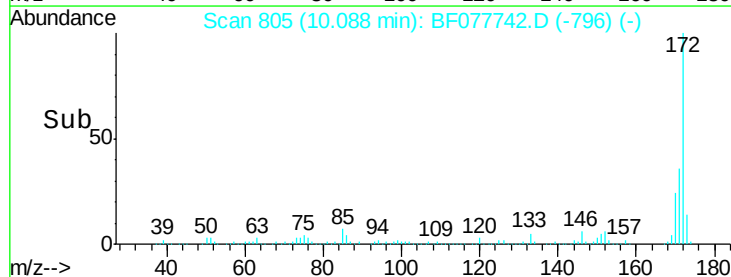
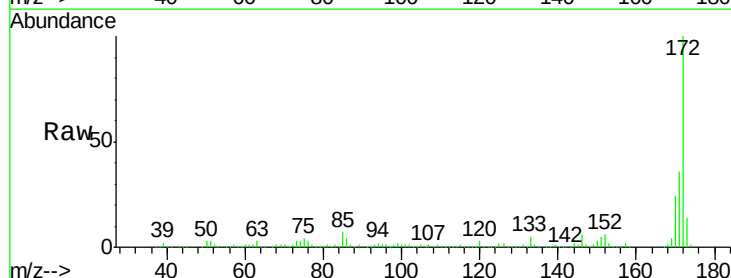
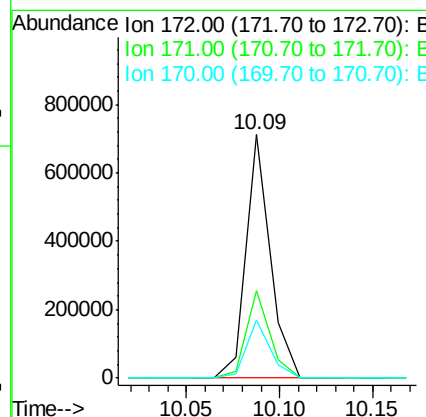
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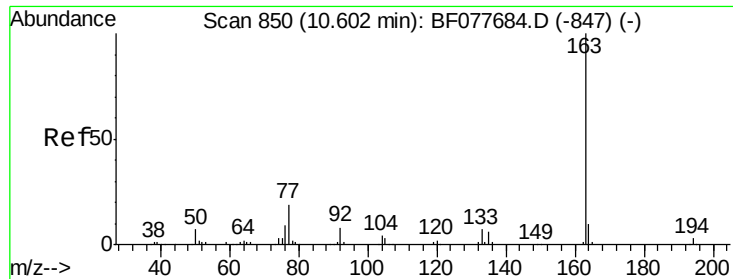
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#44
 2-Fluorobiphenyl
 Concen: 77.36 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077742.D
 Acq: 13 Mar 2015 16:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.8	28.5	42.7
170	24.1	18.8	28.2





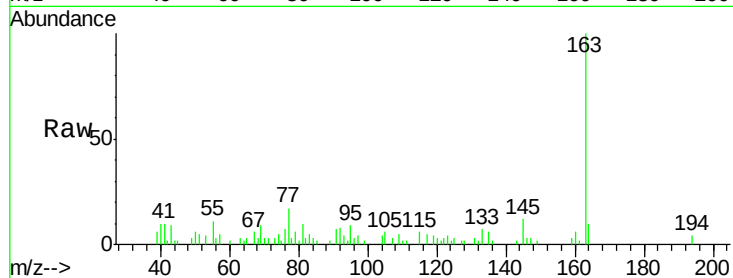
#49
Dimethylphthalate
Concen: 2.61 ng
RT: 10.60 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF077742.D
Acq: 13 Mar 2015 16:22

Instrument :
BNA_F
ClientSampleId :
MW3

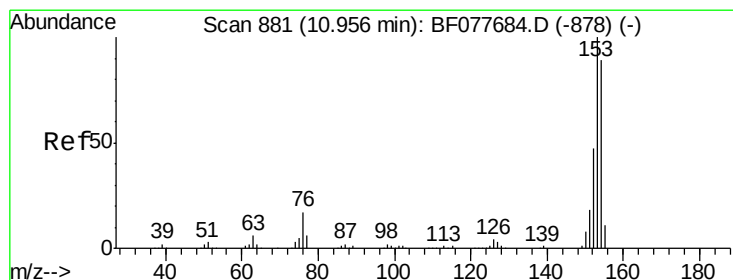
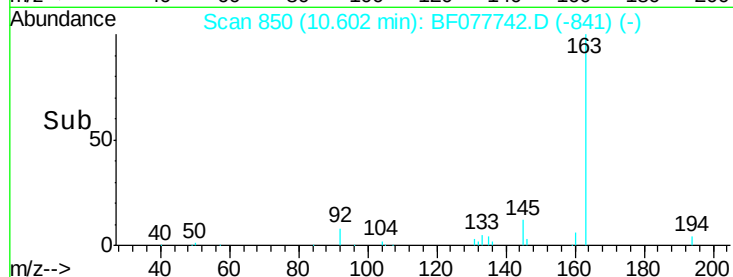
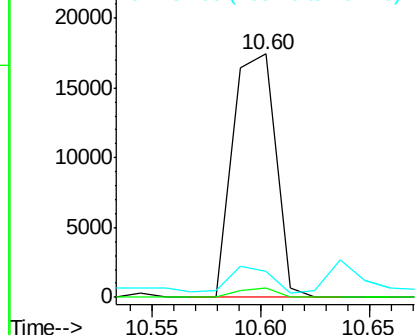
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	23696		
194	3.9		2.7	4.1
164	10.4		8.2	12.2

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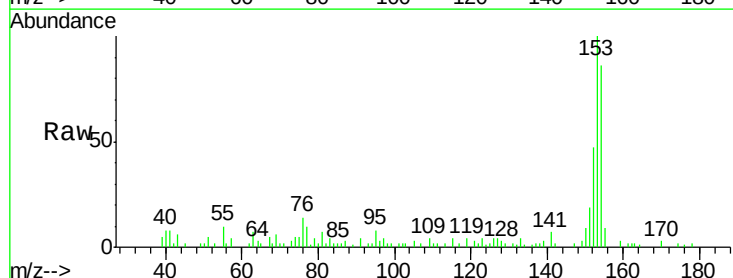


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

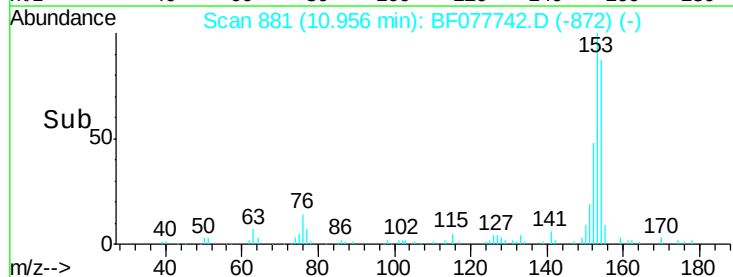
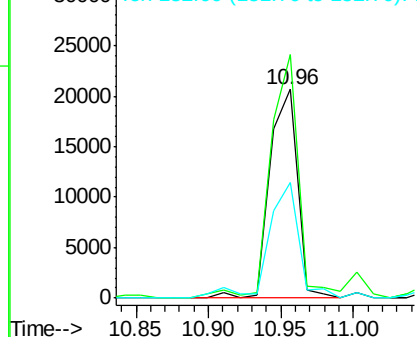


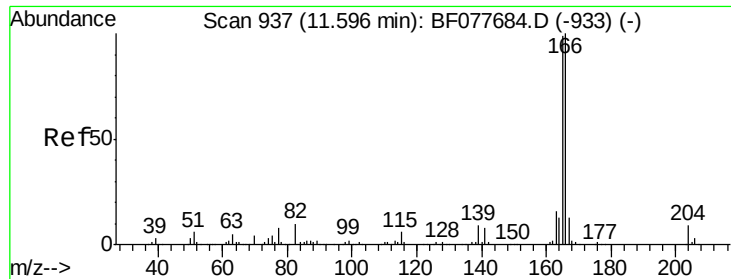
#51
Acenaphthene
Concen: 3.58 ng
RT: 10.96 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF077742.D
Acq: 13 Mar 2015 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	27114		
153	116.6		90.0	135.0
152	55.1		42.6	63.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#57

Fluorene

Concen: 4.07 ng

RT: 11.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

Instrument :

BNA_F

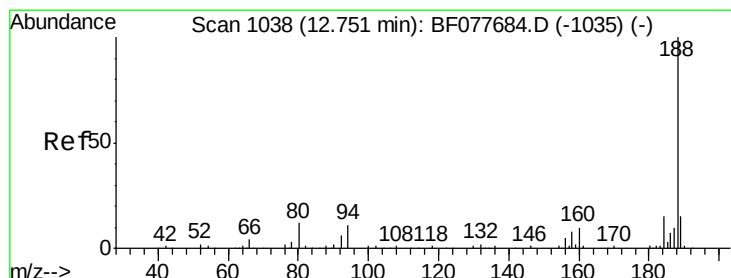
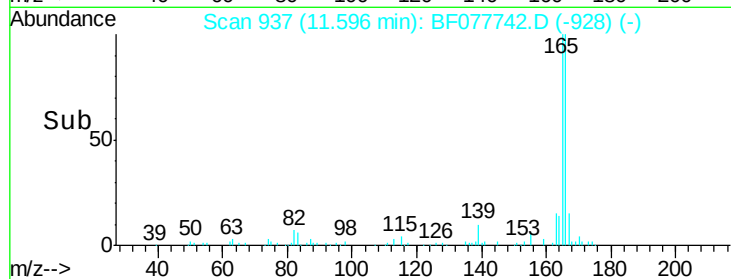
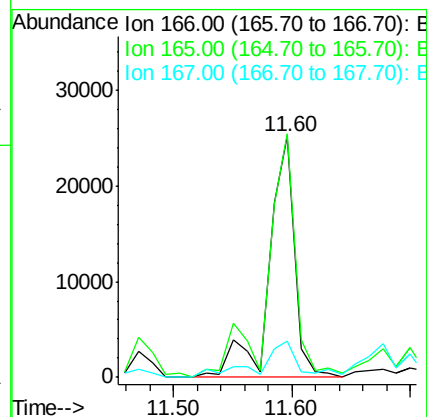
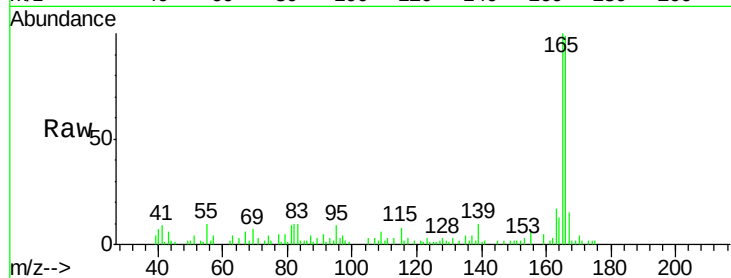
ClientSampleId :

MW3

Tgt Ion:	166	Resp:	37976
Ion Ratio	Lower	Upper	
166	100		
165	101.2	79.0	118.4
167	14.9	10.3	15.5

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#63

Phenanthrene-d10

Concen: 20.00 ng

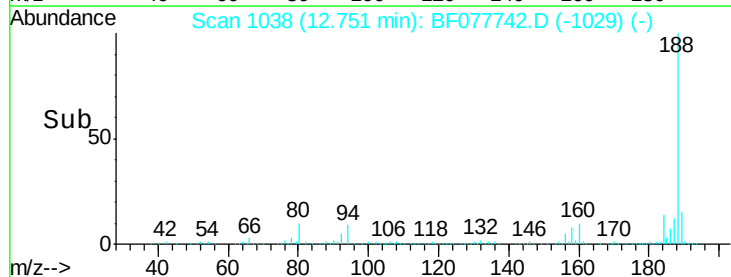
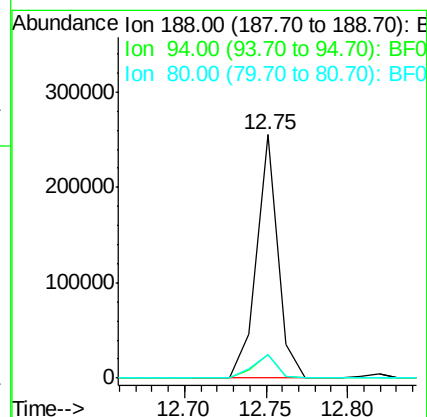
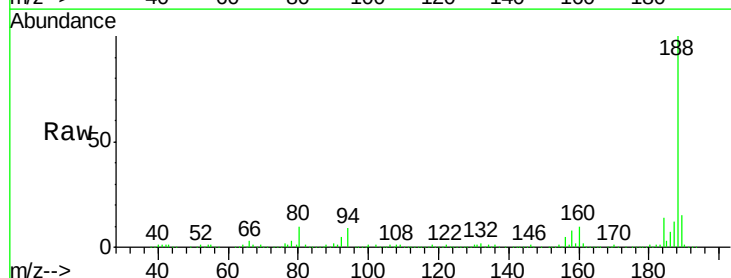
RT: 12.75 min Scan# 1038

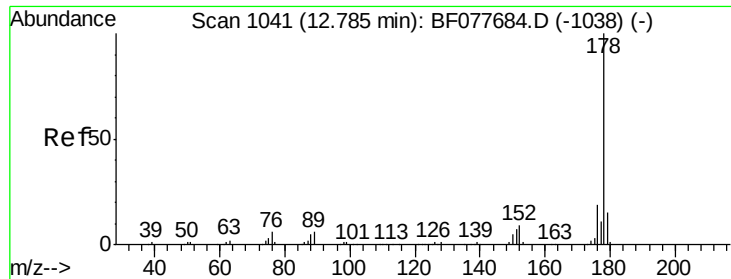
Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

Tgt Ion:	188	Resp:	232935
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.7	13.1
80	9.7	9.3	13.9





#70

Phenanthrene

Concen: 6.69 ng

RT: 12.77 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

Instrument :

BNA_F

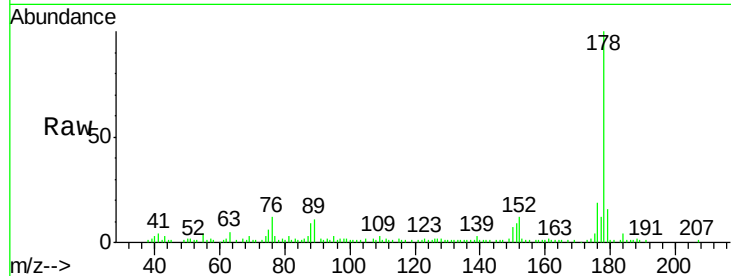
ClientSampleId :

MW3

Tgt Ion:	178	Resp:	89432
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.2	22.8
179	16.2	12.1	18.1

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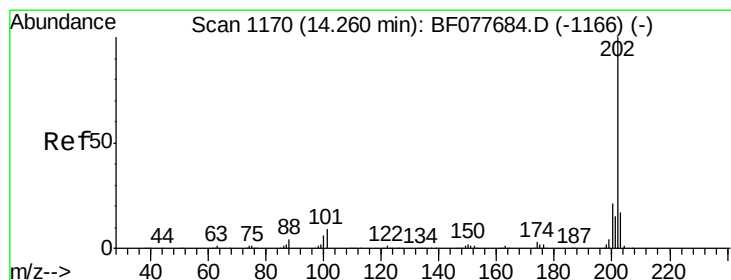
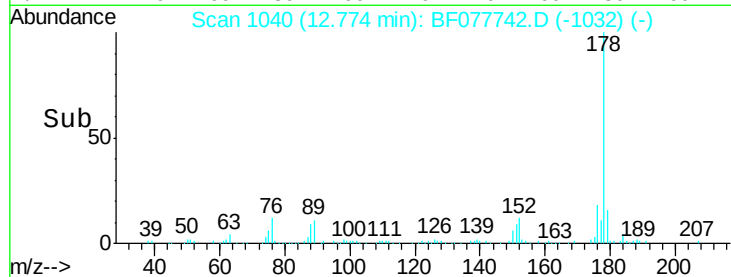
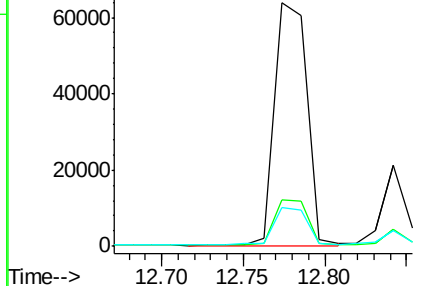
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.17 ng

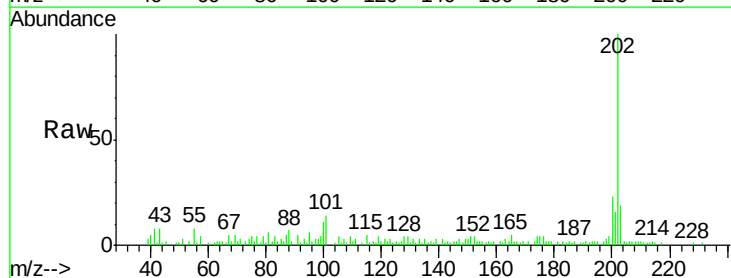
RT: 14.25 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

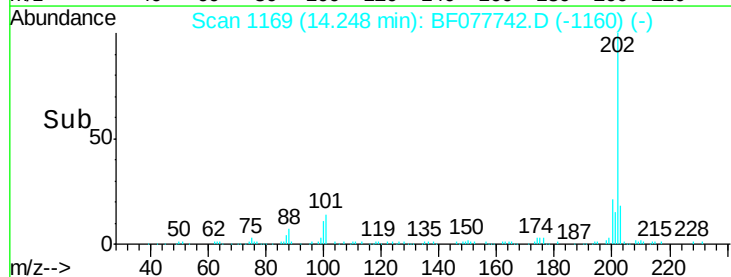
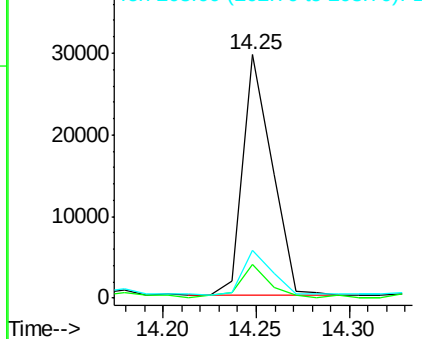
Tgt Ion:	202	Resp:	32053
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	28.7
203	19.4	0.0	37.2

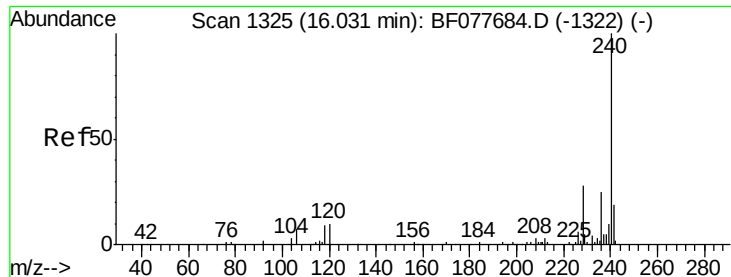


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

Instrument :

BNA_F

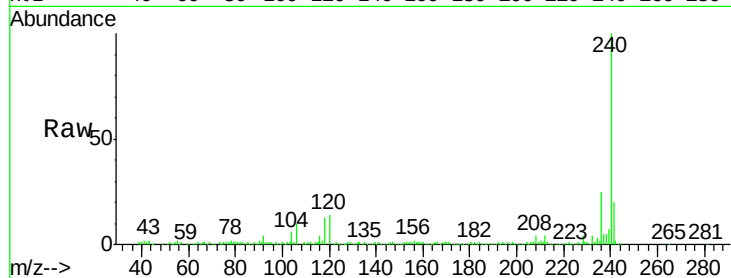
ClientSampleId :

MW3

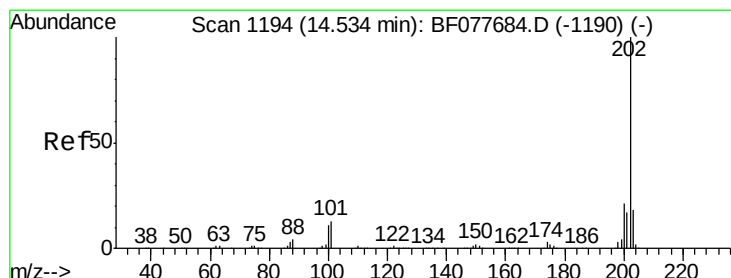
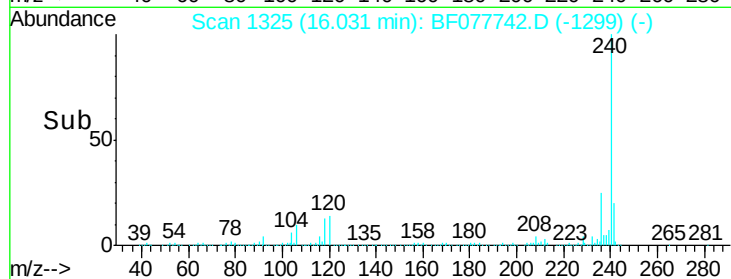
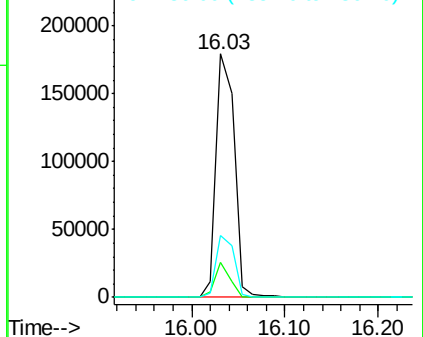
Tgt Ion:	240	Resp:	244043
Ion Ratio	Lower	Upper	
240	100		
120	14.3	8.2	12.2#
236	25.3	20.0	30.0

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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



#77

Pyrene

Concen: 2.34 ng

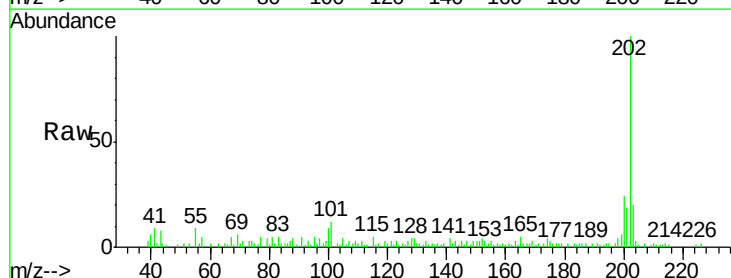
RT: 14.53 min Scan# 1194

Delta R.T. -0.00 min

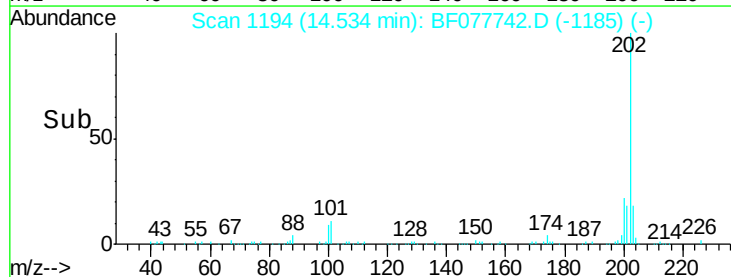
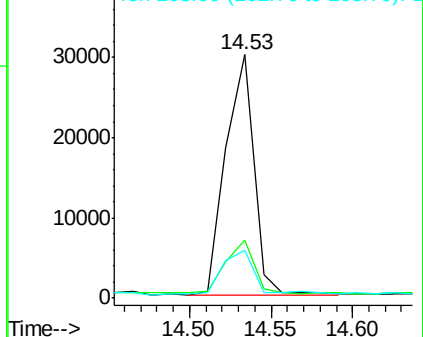
Lab File: BF077742.D

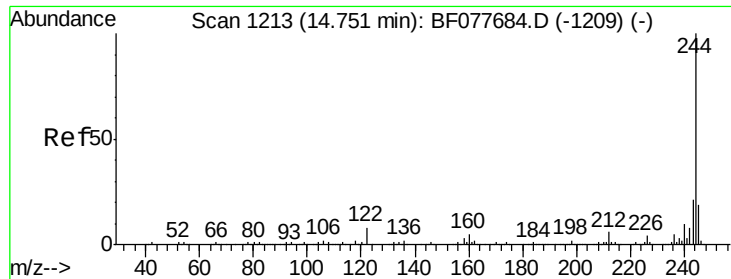
Acq: 13 Mar 2015 16:22

Tgt Ion:	202	Resp:	35885
Ion Ratio	Lower	Upper	
202	100		
200	23.9	16.9	25.3
203	19.7	14.1	21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





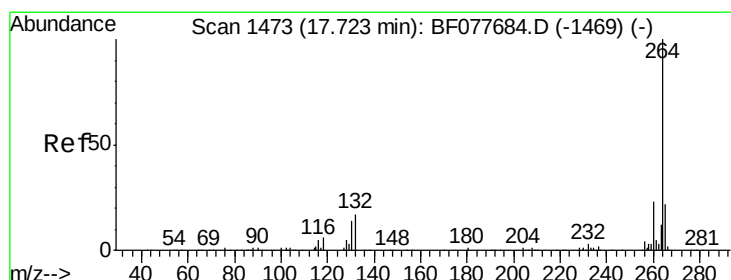
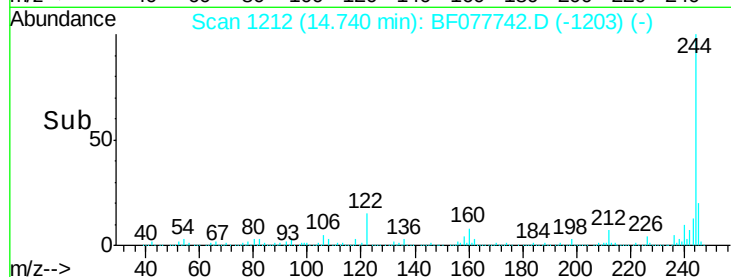
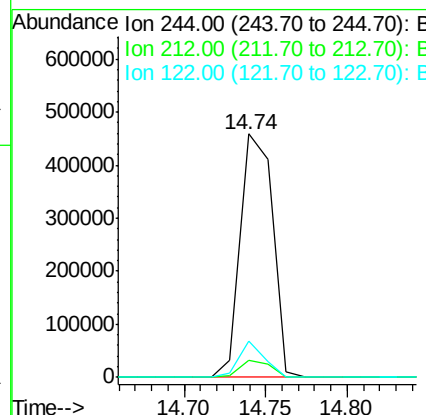
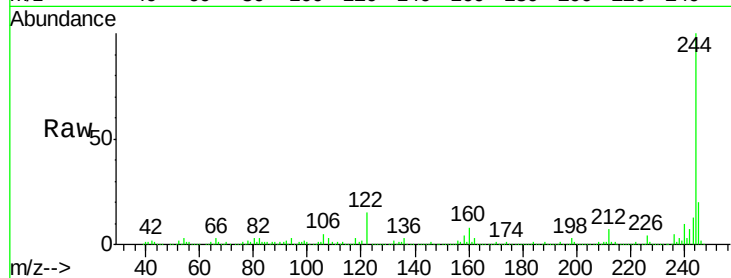
#78
 Terphenyl-d14
 Concen: 62.75 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF077742.D
 Acq: 13 Mar 2015 16:22

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.2	4.9	7.3
122	15.0	6.2	9.4

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.80 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: BF077742.D
 Acq: 13 Mar 2015 16:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.3	18.6	27.8
265	21.1	17.3	25.9

