

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077877.D
 Acq On : 20 Mar 2015 21:51
 Operator : TP/IZ
 Sample : G1575-12
 Misc : W
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: Mar 23 11:25:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 23:52:05 2015
 Response via : Initial Calibration

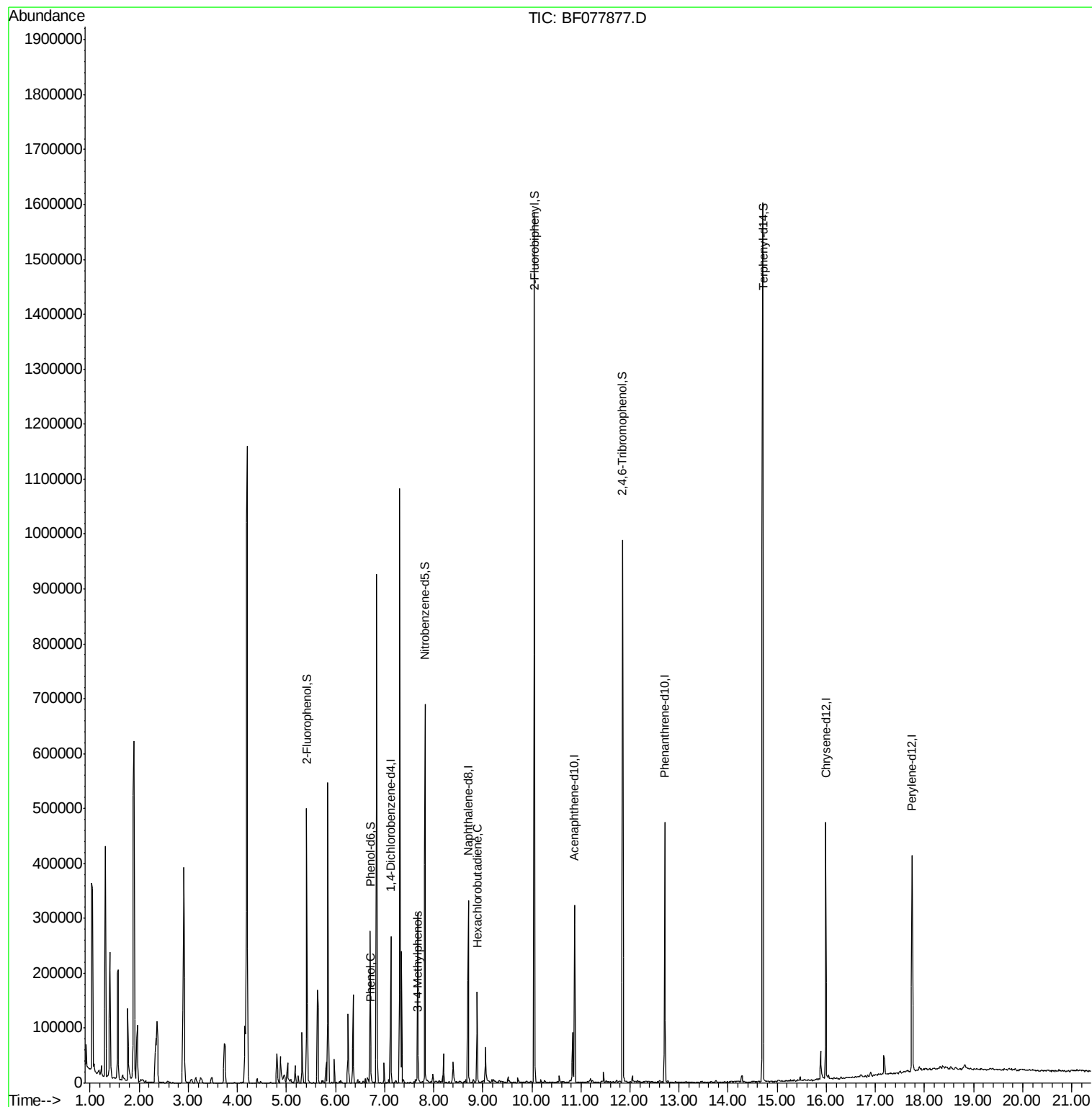
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	45691	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	185494	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	93454	20.00	ng	-0.01
63) Phenanthrene-d10	12.71	188	179809	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	183587	20.00	ng	-0.02
86) Perylene-d12	17.75	264	180306	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	160741	61.41	ng	0.00
7) Phenol-d6	6.70	99	119801	37.04	ng	0.00
23) Nitrobenzene-d5	7.82	82	265531	93.84	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	112335	125.63	ng	-0.01
44) 2-Fluorobiphenyl	10.05	172	588938	92.61	ng	0.00
78) Terphenyl-d14	14.71	244	661121	87.96	ng	0.00
Target Compounds						
10) Phenol	6.72	94	16670	4.36	ng	Qvalue # 69
20) 3+4-Methylphenols	7.66	107	10574	3.18	ng	87
34) Hexachlorobutadiene	8.89	225	22836	13.89	ng	97

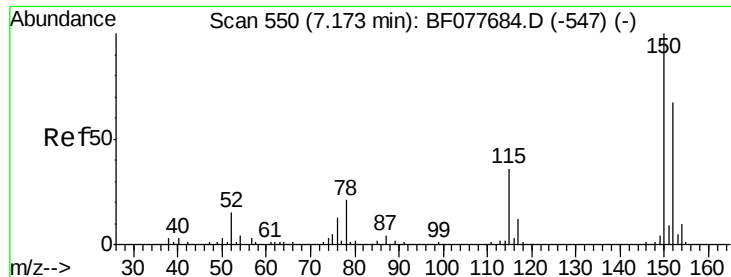
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF077877.D

Acq: 20 Mar 2015 21:51

Instrument :

BNA_F

ClientSampleId :

MW-14

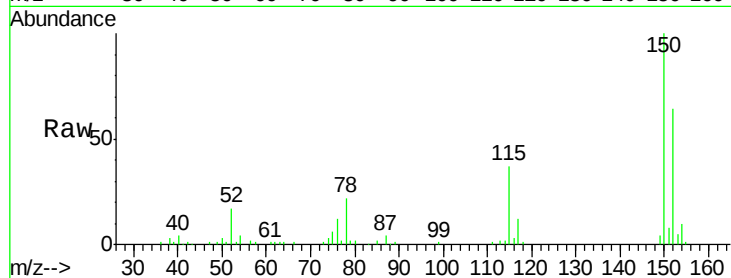
Tot Ion:152 Resp: 45691

Ion Ratio Lower Upper

152 100

150 155.7 119.5 179.3

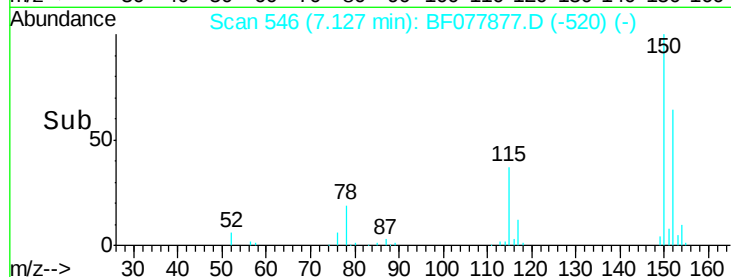
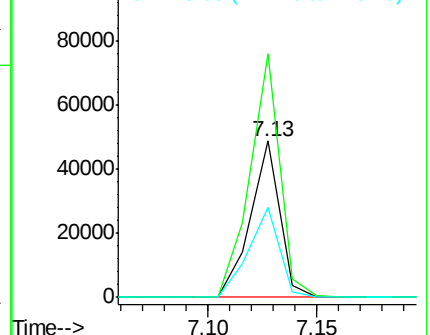
115 57.8 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 61.41 ng

RT: 5.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF077877.D

Acq: 20 Mar 2015 21:51

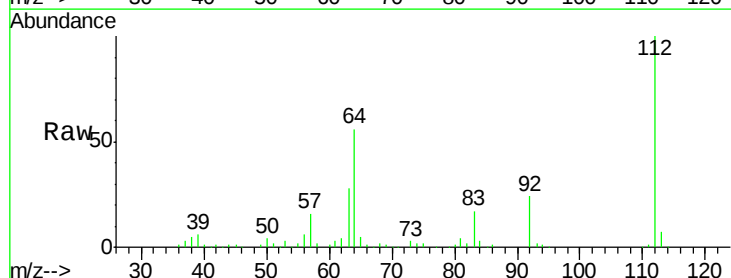
Tgt Ion:112 Resp: 160741

Ion Ratio Lower Upper

112 100

64 55.6 38.6 57.8

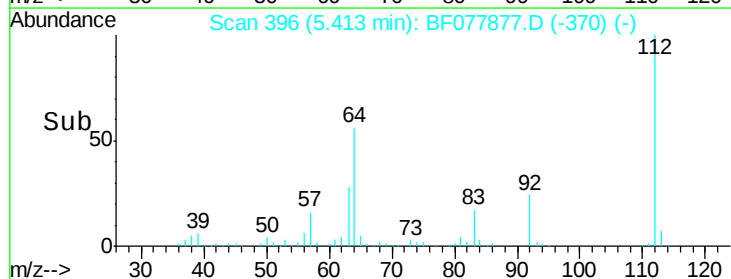
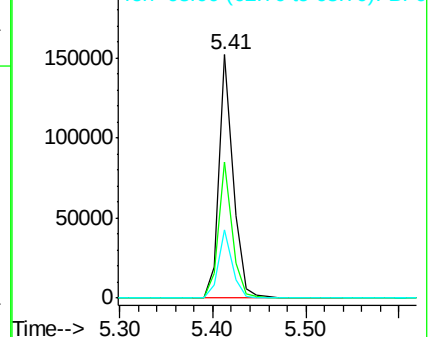
63 27.9 19.3 28.9

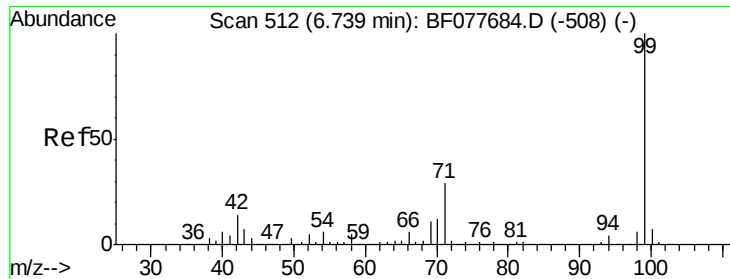


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.04 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077877.D

Acq: 20 Mar 2015 21:51

Instrument :

BNA_F

ClientSampled :

MW-14

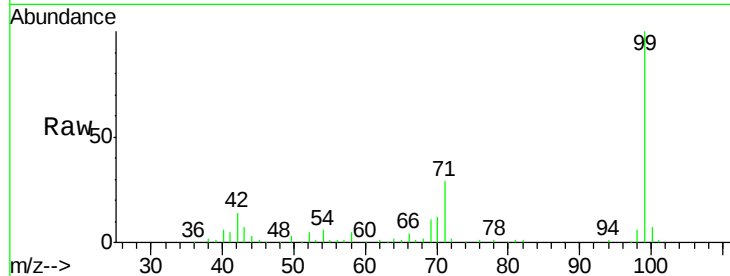
Tot Ion: 99 Resp: 119801

Ion Ratio Lower Upper

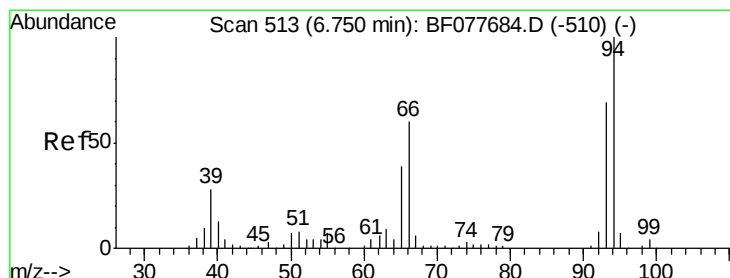
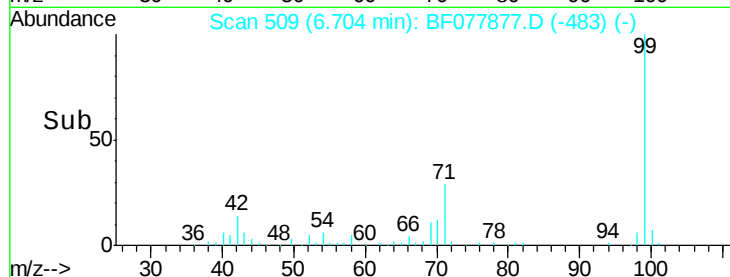
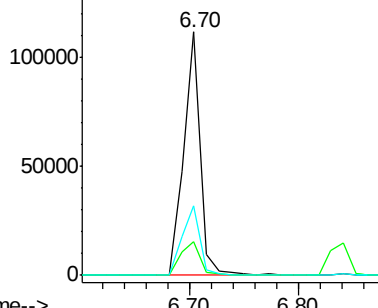
99 100

42 13.8 11.0 16.4

71 28.5 23.4 35.2



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



#10

Phenol

Concen: 4.36 ng

RT: 6.72 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF077877.D

Acq: 20 Mar 2015 21:51

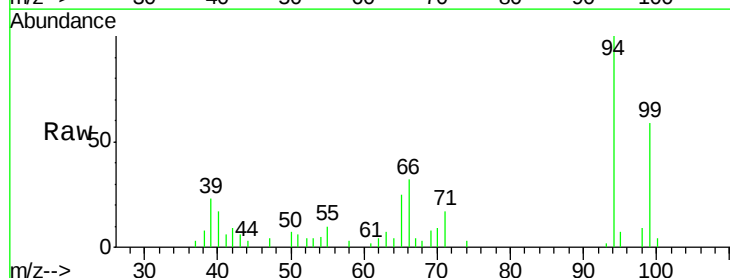
Tgt Ion: 94 Resp: 16670

Ion Ratio Lower Upper

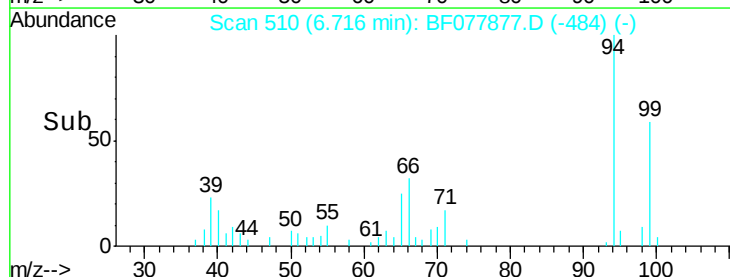
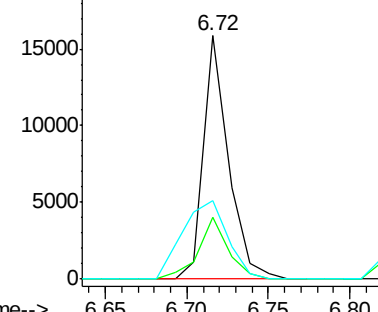
94 100

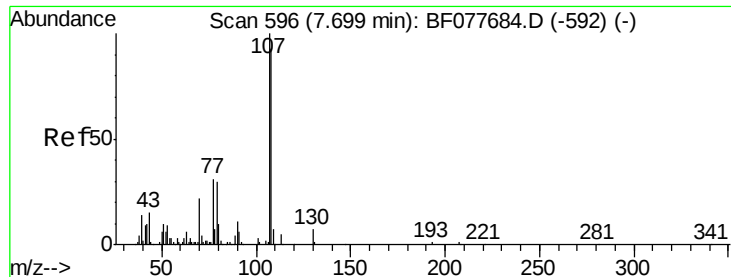
65 25.2 18.8 58.8

66 32.4 39.9 79.9#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#20

3+4-Methylphenols

Concen: 3.18 ng

RT: 7.66 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF077877.D

Acq: 20 Mar 2015 21:51

Instrument :

BNA_F

ClientSampleId :

MW-14

Tot Ion:107 Resp: 10574

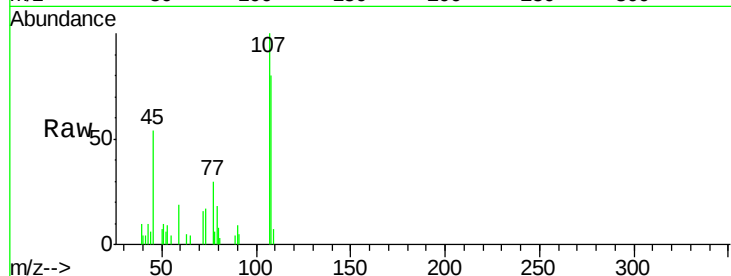
Ion Ratio Lower Upper

107 100

108 80.2 73.2 113.2

77 29.5 10.7 50.7

79 18.4 9.6 49.6

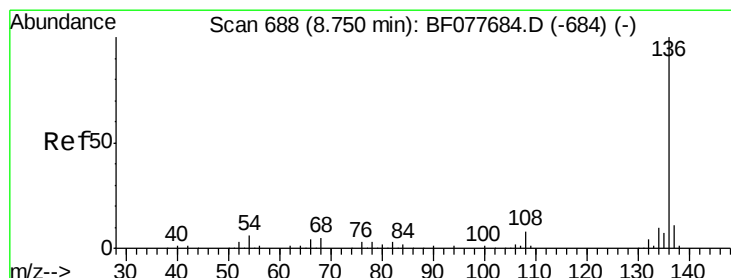
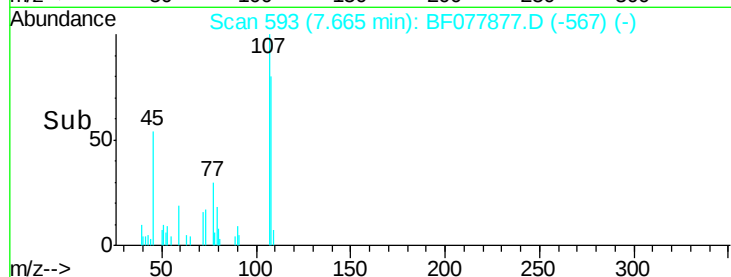
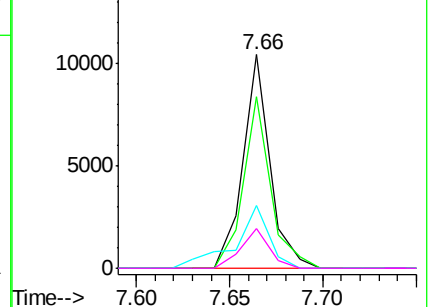


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.70 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF077877.D

Acq: 20 Mar 2015 21:51

Tgt Ion:136 Resp: 185494

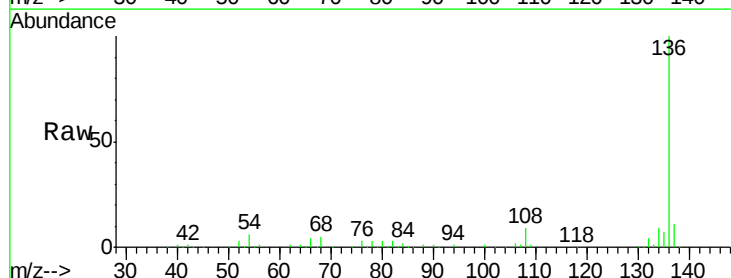
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 5.6 4.6 6.8

68 4.6 3.7 5.5

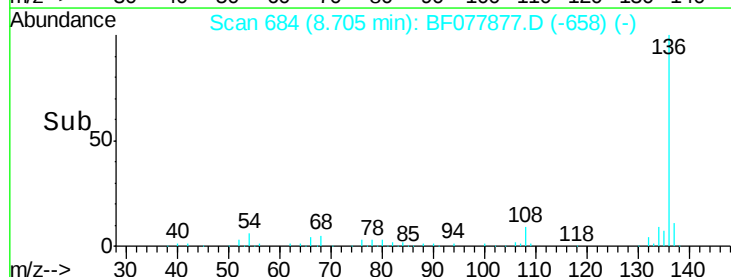
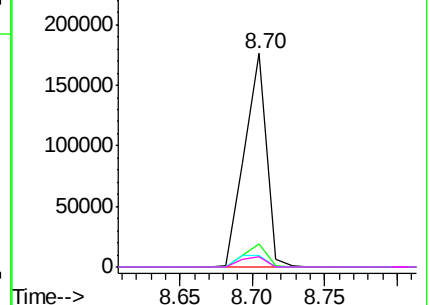


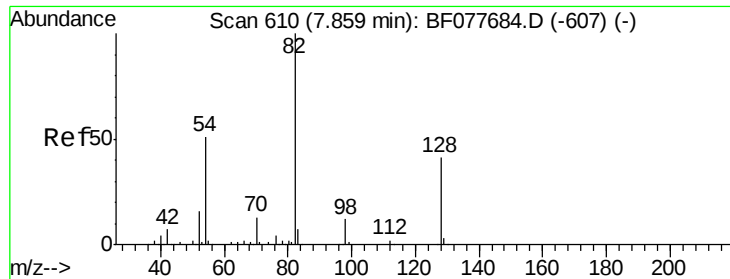
Abundance Ion 136.00 (135.70 to 136.70): E

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

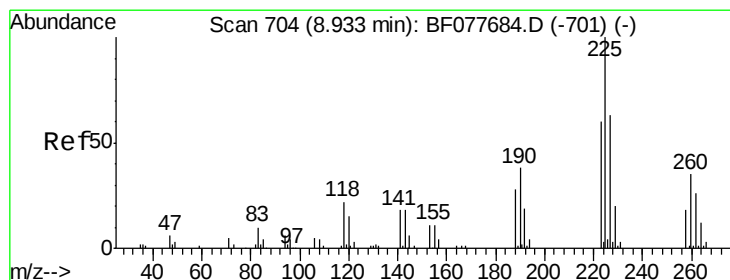
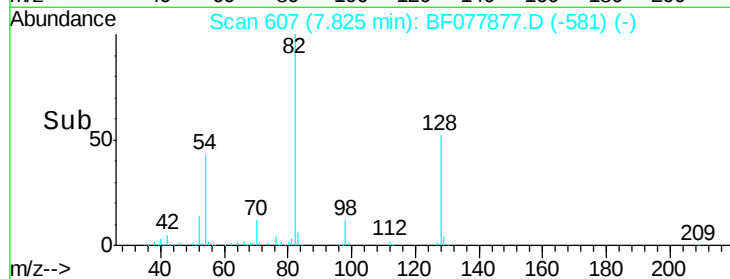
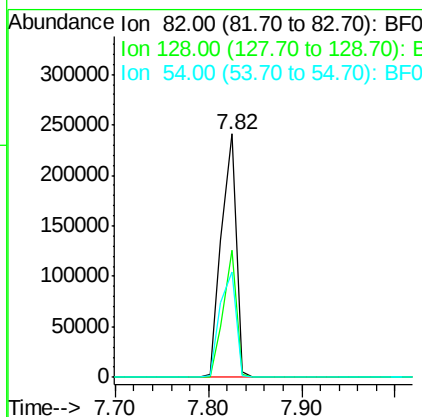
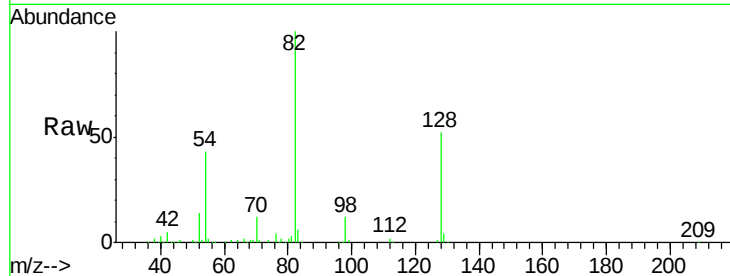




#23
 Nitrobenzene-d5
 Concen: 93.84 ng
 RT: 7.82 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF077877.D
 Acq: 20 Mar 2015 21:51

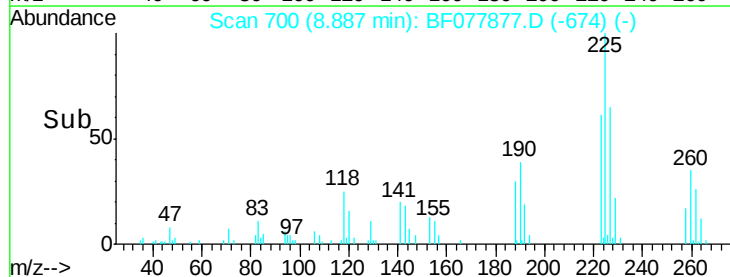
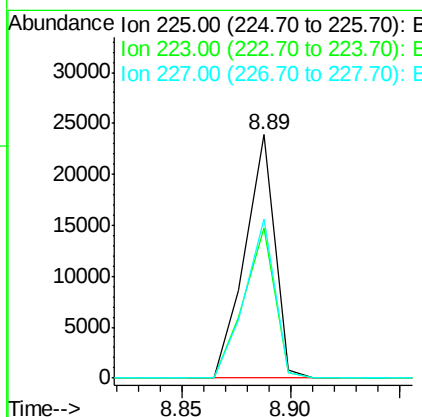
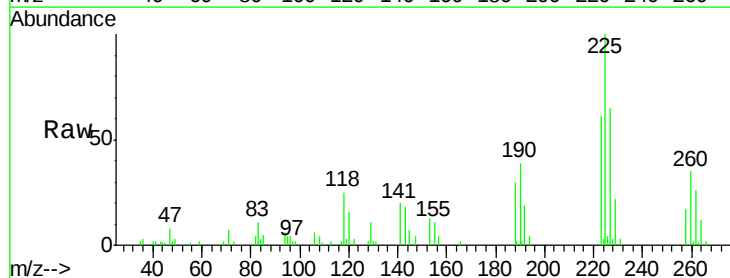
Instrument :
 BNA_F
 ClientSampleId :
 MW-14

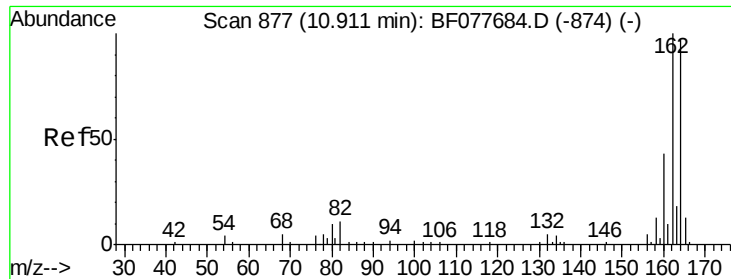
Tot Ion	82	Resp	265531
Ion Ratio	100	Lower	Upper
128	52.3	32.8	49.2#
54	43.4	40.6	60.8



#34
 Hexachlorobutadiene
 Concen: 13.89 ng
 RT: 8.89 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF077877.D
 Acq: 20 Mar 2015 21:51

Tgt Ion	225	Resp	22836
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
223	61.5	47.9	71.9
227	65.4	50.1	75.1

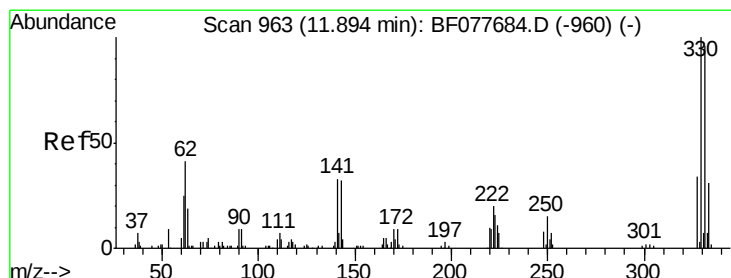
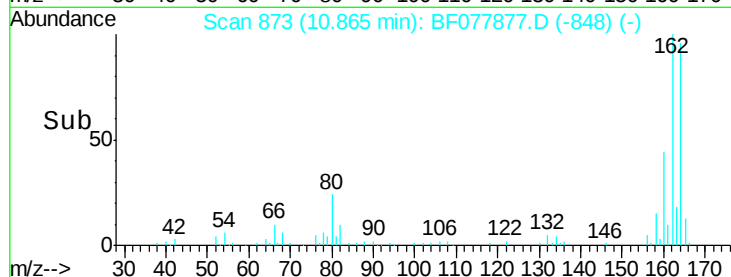
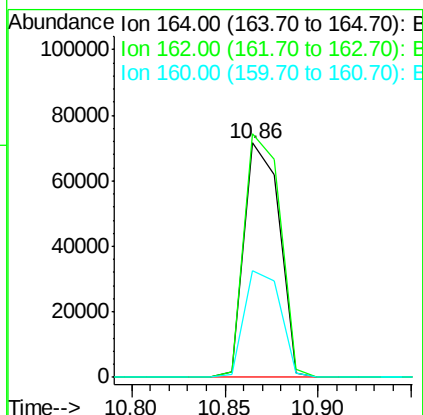
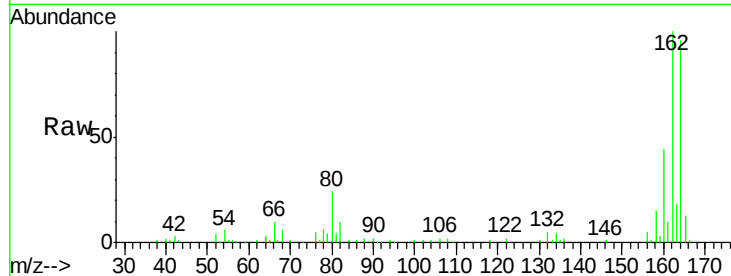




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF077877.D
 Acq: 20 Mar 2015 21:51

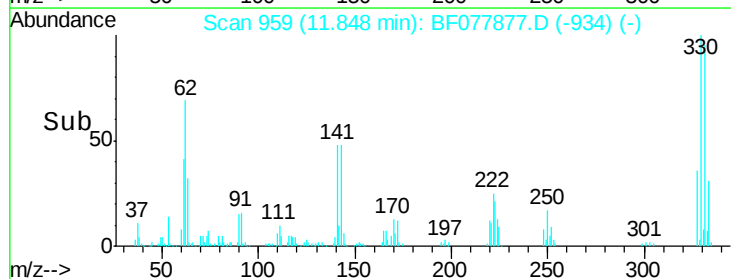
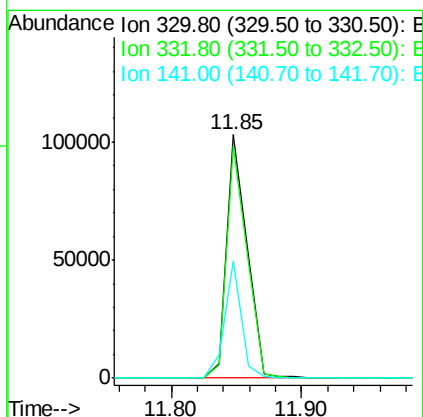
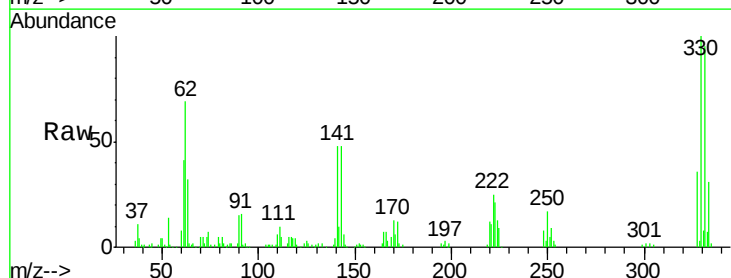
Instrument :
 BNA_F
 ClientSampleId :
 MW-14

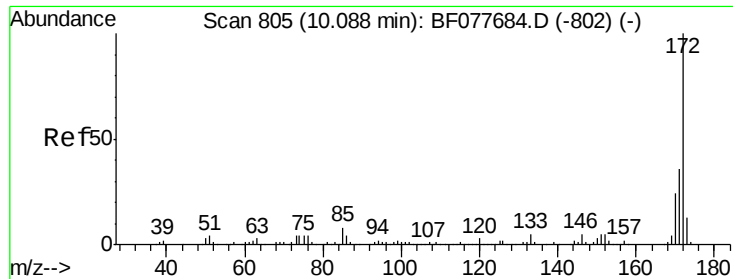
Tot Ion:164 Resp: 93454
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.4 123.6
 160 45.4 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: 125.63 ng
 RT: 11.85 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF077877.D
 Acq: 20 Mar 2015 21:51

Tgt Ion:330 Resp: 112335
 Ion Ratio Lower Upper
 330 100
 332 94.7 0.0 0.0#
 141 39.9 0.0 0.0#

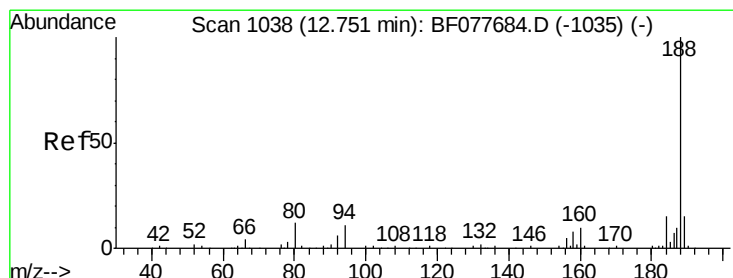
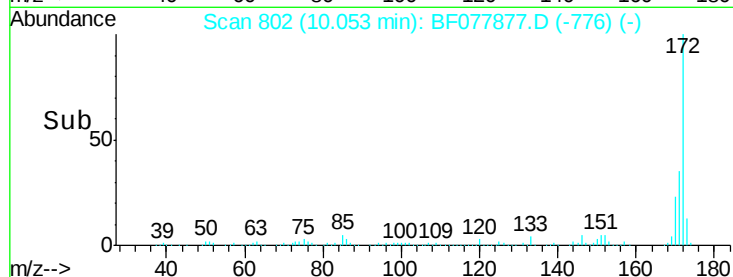
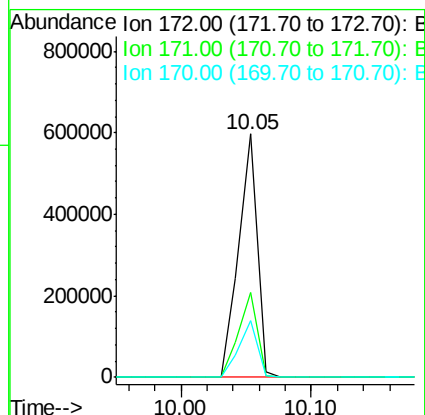
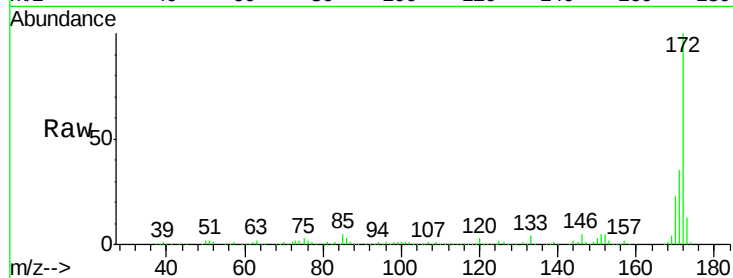




#44
 2-Fluorobiphenyl
 Concen: 92.61 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077877.D
 Acq: 20 Mar 2015 21:51

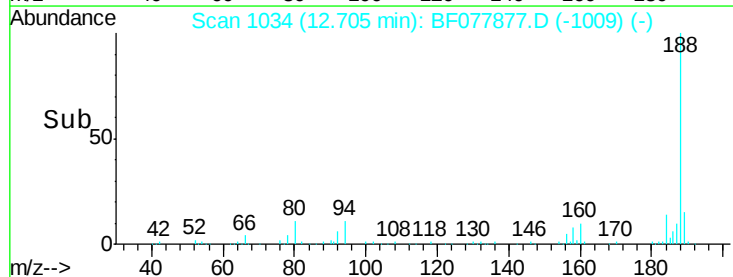
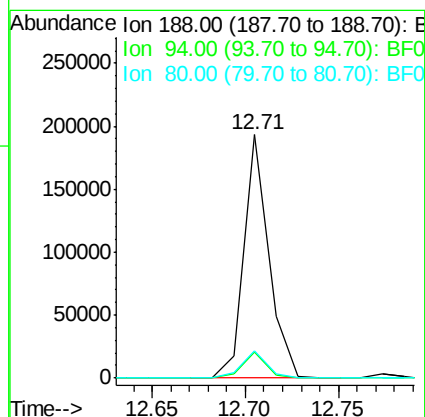
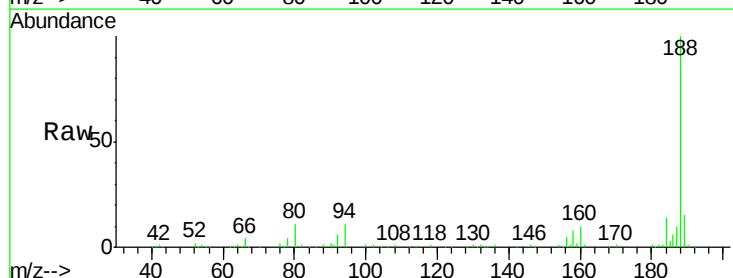
Instrument :
 BNA_F
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 MW-14

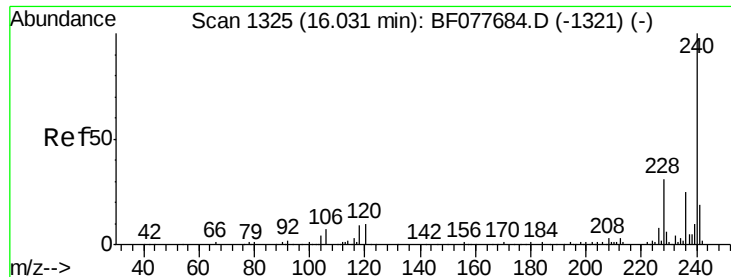
Tot Ion:172 Resp: 588938
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.4 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.71 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF077877.D
 Acq: 20 Mar 2015 21:51

Tgt Ion:188 Resp: 179809
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.7 13.1
 80 11.3 9.3 13.9

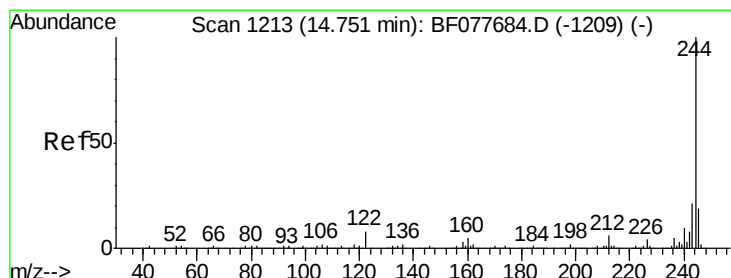
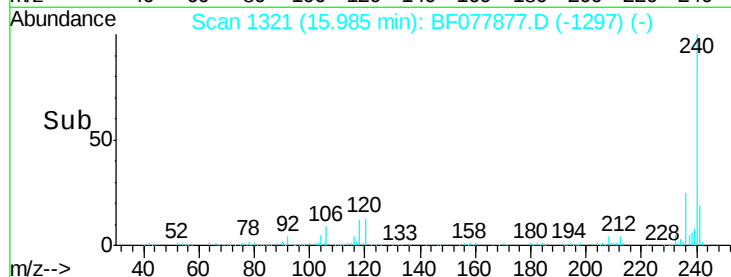
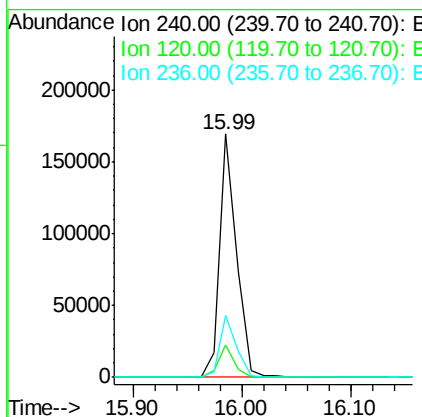
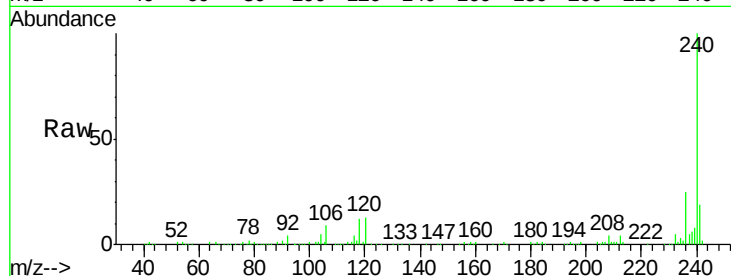




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF077877.D
Acq: 20 Mar 2015 21:51

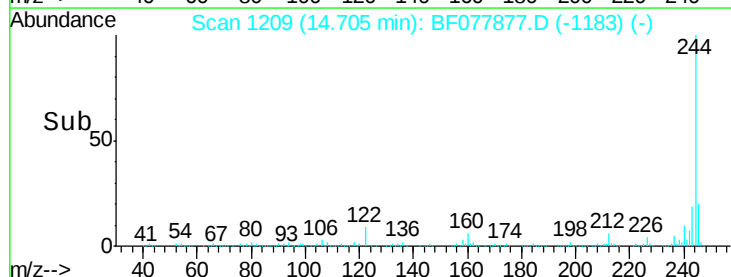
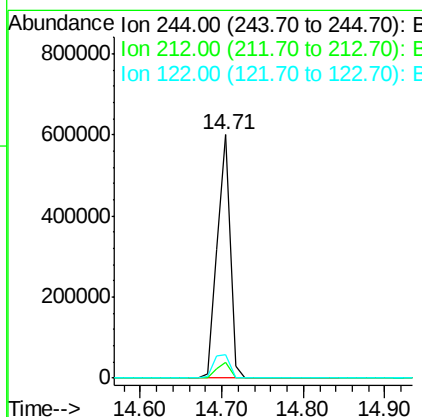
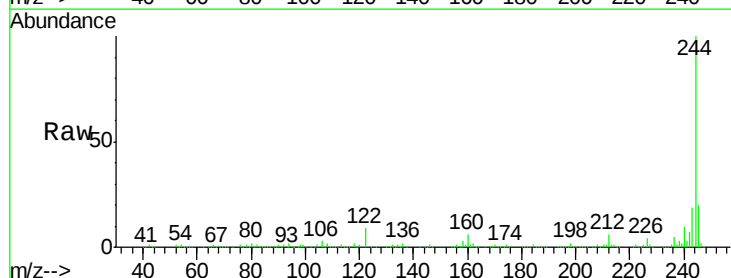
Instrument :
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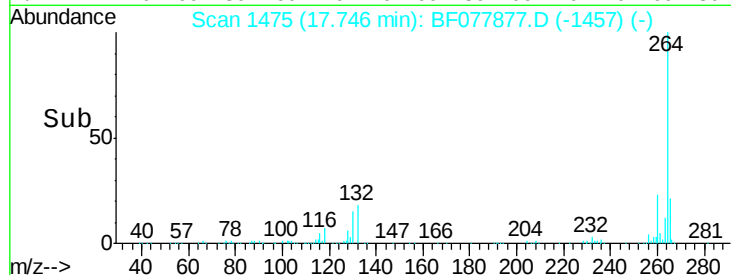
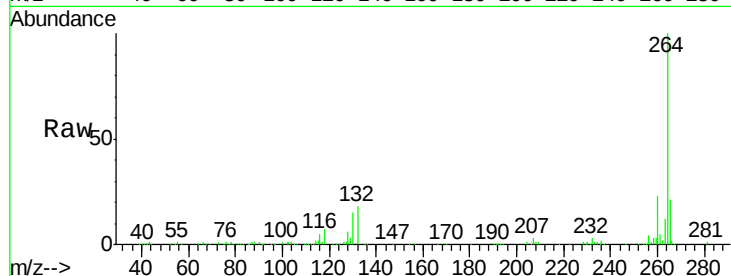
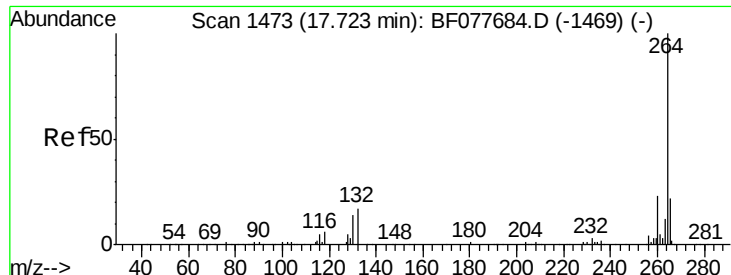
Tot Ion:240 Resp: 183587
Ion Ratio Lower Upper
240 100
120 13.3 8.2 12.2#
236 25.3 20.0 30.0



#78
Terphenyl-d14
Concen: 87.96 ng
RT: 14.71 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF077877.D
Acq: 20 Mar 2015 21:51

Tgt Ion:244 Resp: 661121
Ion Ratio Lower Upper
244 100
212 6.4 4.9 7.3
122 9.4 6.2 9.4#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.75 min Scan# 1475
 Delta R.T. -0.09 min
 Lab File: BF077877.D
 Acq: 20 Mar 2015 21:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tot Ion:264	Resp:	180306
Ion Ratio	Lower	Upper
264	100	
260	23.5	18.6 27.8
265	21.3	17.3 25.9

