

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077885.D
 Acq On : 21 Mar 2015 2:37
 Operator : TP/IZ
 Sample : G1575-03
 Misc : W
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-25V

Quant Time: Mar 21 06:06:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 21 04:23:04 2015
 Response via : Initial Calibration

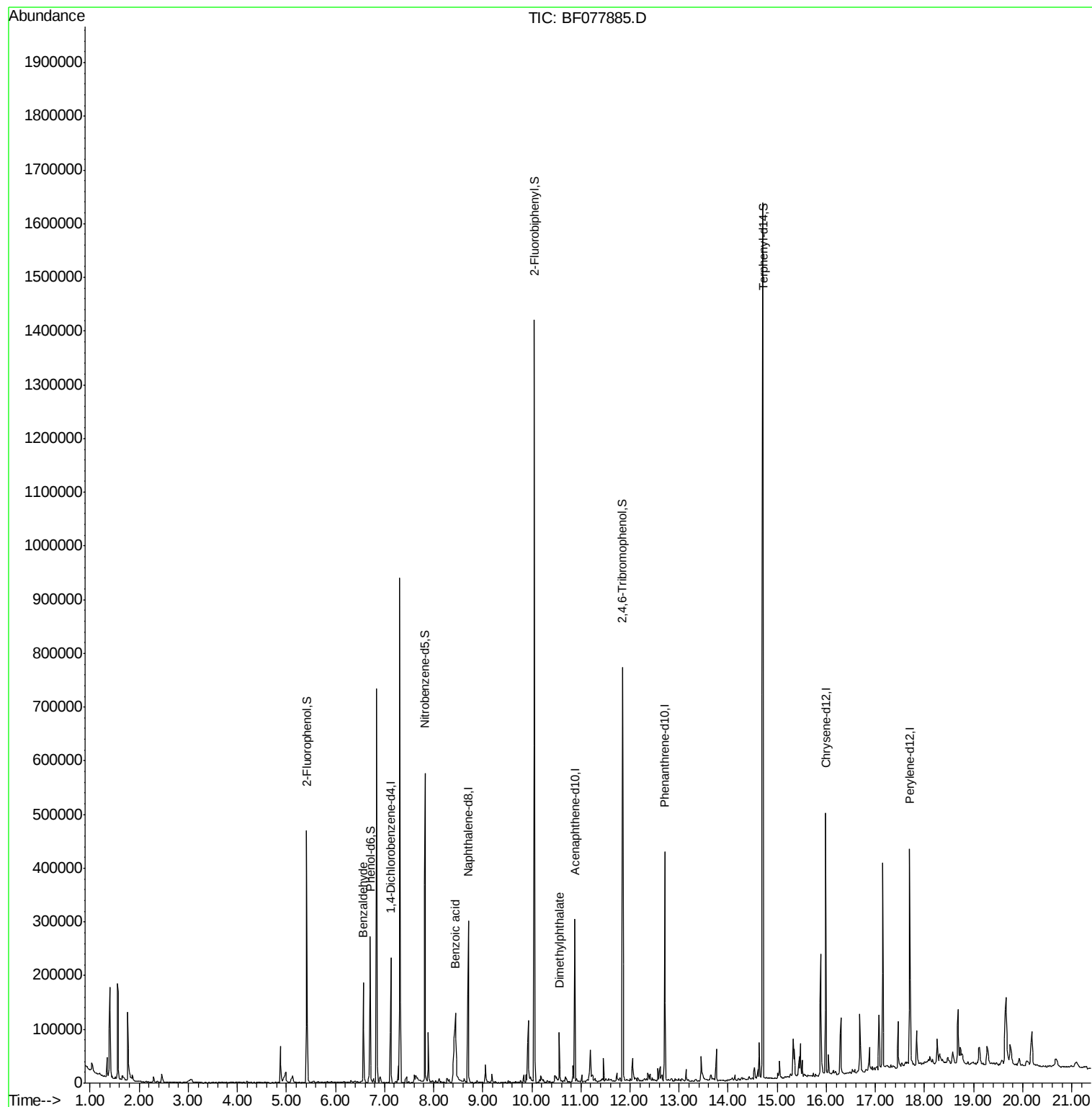
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	40229	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	167638	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	84776	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	170086	20.00	ng	0.00
75) Chrysene-d12	15.99	240	181763	20.00	ng	0.00
86) Perylene-d12	17.70	264	173360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	147074	63.81	ng	0.00
7) Phenol-d6	6.70	99	119578	41.99	ng	0.00
23) Nitrobenzene-d5	7.82	82	231822	90.65	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	92094	113.54	ng	0.00
44) 2-Fluorobiphenyl	10.05	172	510943	88.57	ng	0.00
78) Terphenyl-d14	14.71	244	605152	81.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	44312	37.99	ng	99
32) Benzoic acid	8.44	122	73829	53.48	ng	97
49) Dimethylphthalate	10.56	163	36717	5.84	ng	100

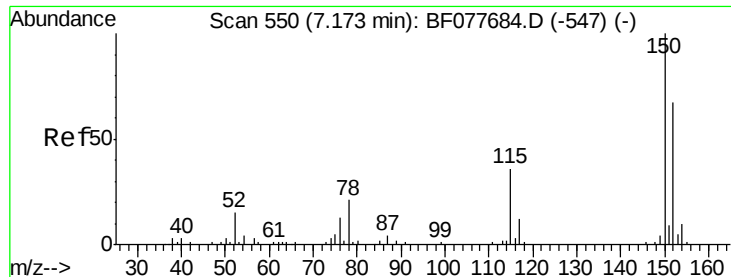
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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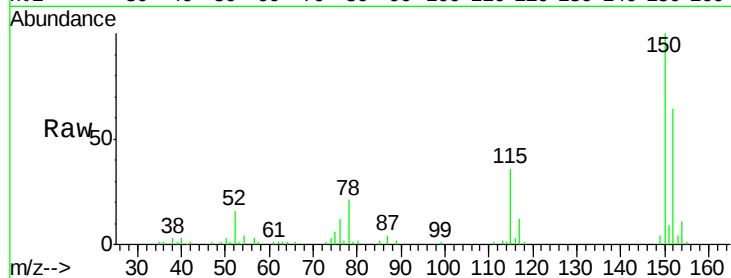


#1

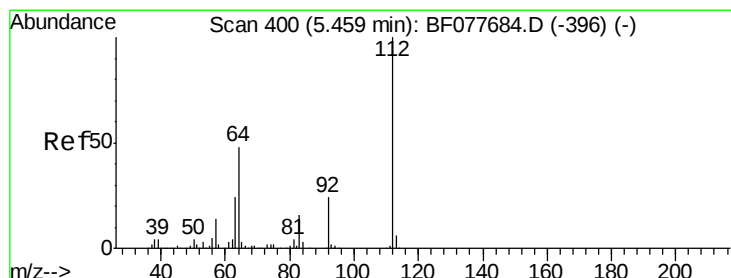
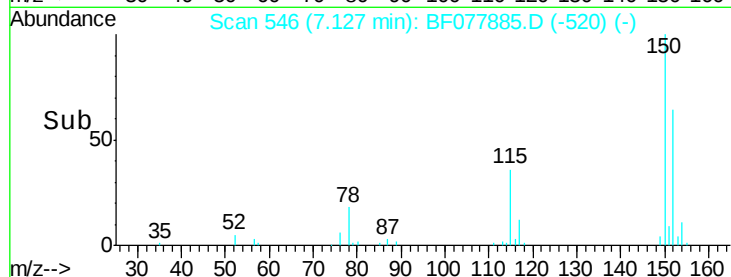
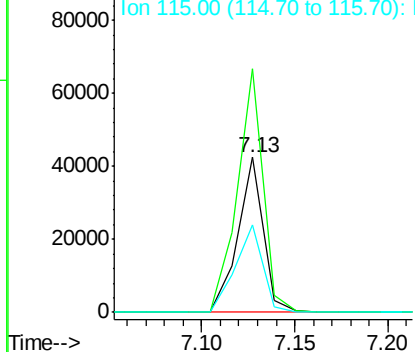
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF077885.D
 Acq: 21 Mar 2015 2:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-25V

Tot Ion:152 Resp: 40229
 Ion Ratio Lower Upper
 152 100
 150 157.3 119.5 179.3
 115 56.3 43.0 64.4



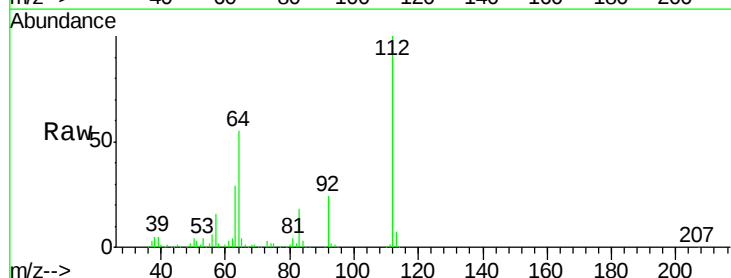
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



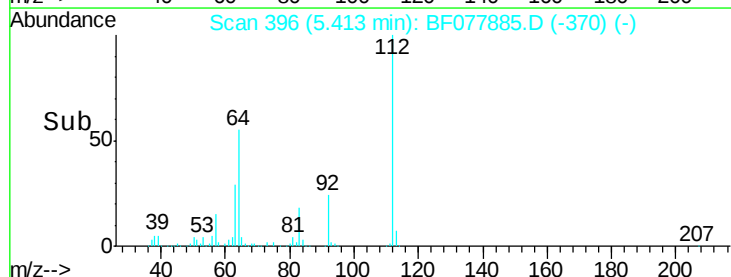
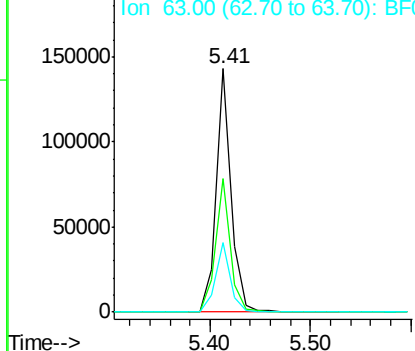
#5

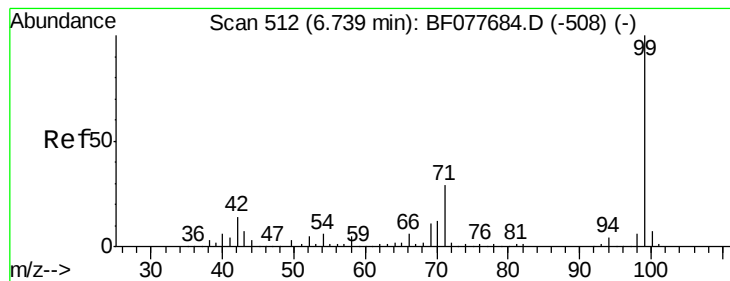
2-Fluorophenol
 Concen: 63.81 ng
 RT: 5.41 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BF077885.D
 Acq: 21 Mar 2015 2:37

Tgt Ion:112 Resp: 147074
 Ion Ratio Lower Upper
 112 100
 64 54.9 38.6 57.8
 63 28.7 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: 41.99 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

Instrument :

BNA_F

ClientSampleId :

MW-25V

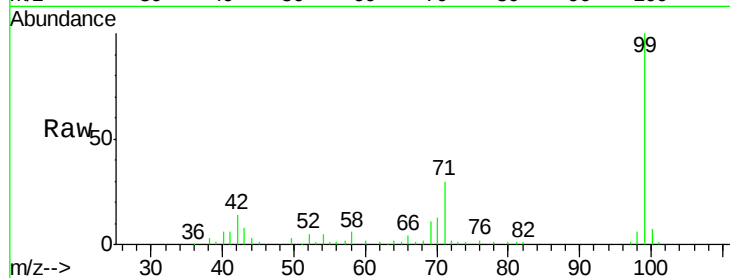
Tot Ion: 99 Resp: 119578

Ion Ratio Lower Upper

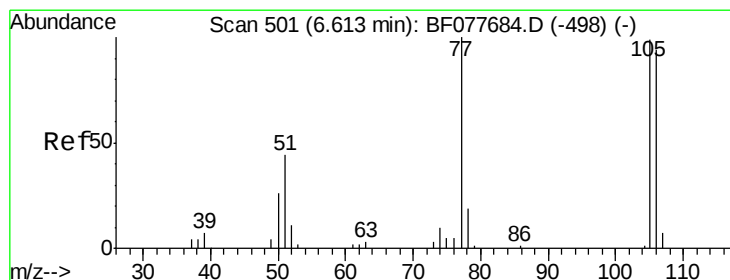
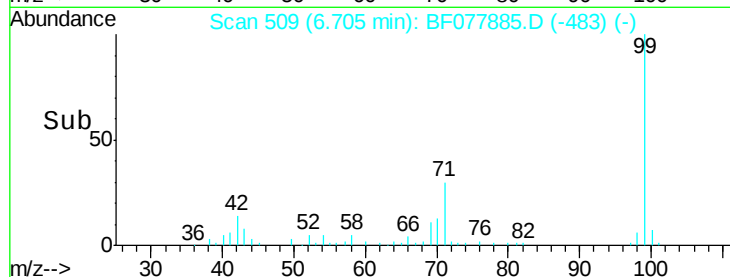
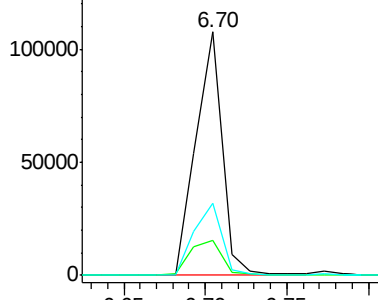
99 100

42 14.2 11.0 16.4

71 29.6 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



#9

Benzaldehyde

Concen: 37.99 ng

RT: 6.57 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

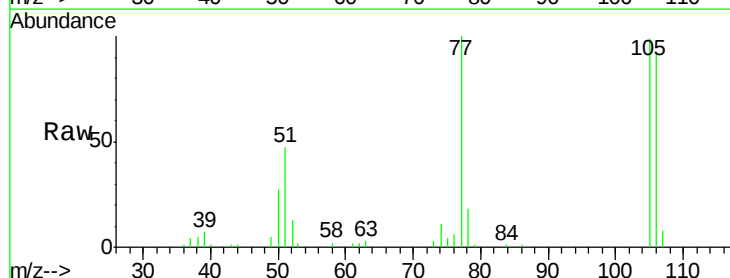
Tgt Ion: 77 Resp: 44312

Ion Ratio Lower Upper

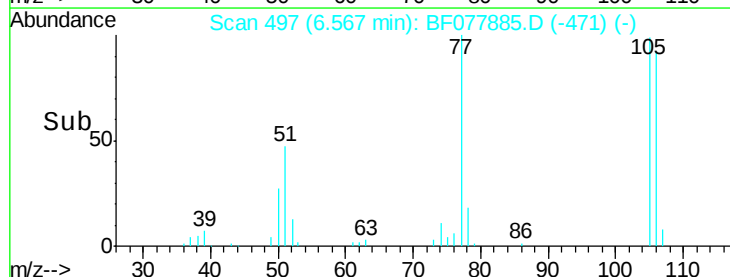
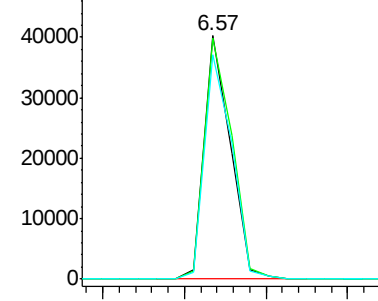
77 100

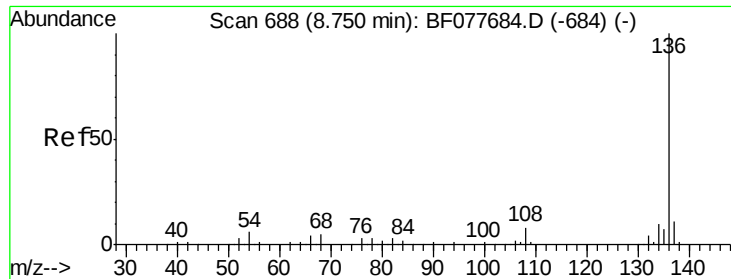
105 98.8 78.8 118.8

106 92.0 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

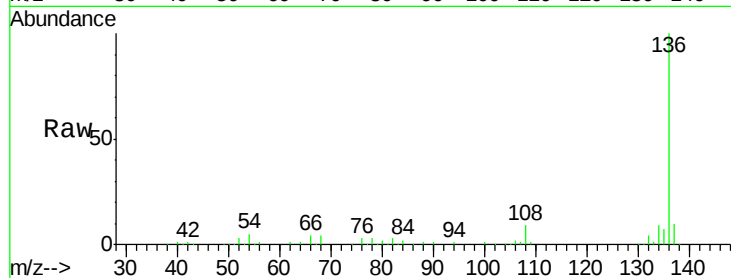




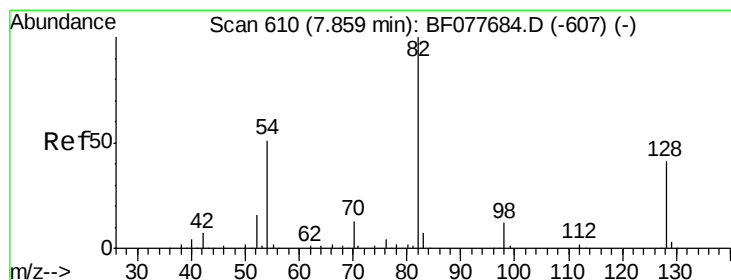
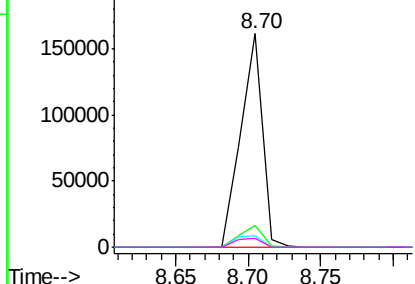
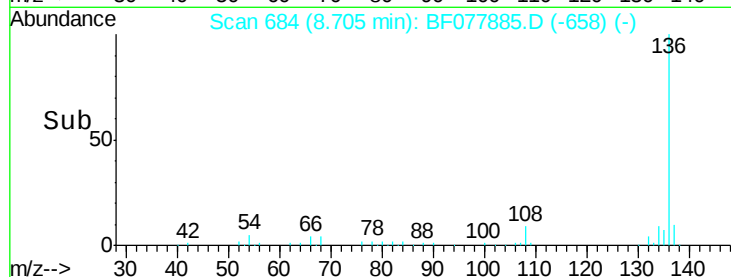
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077885.D
Acq: 21 Mar 2015 2:37

Instrument :
BNA_F
ClientSampleId :
MW-25V

Tot Ion:136	Resp:	167638
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.7 13.1
54	5.4	4.6 6.8
68	4.5	3.7 5.5

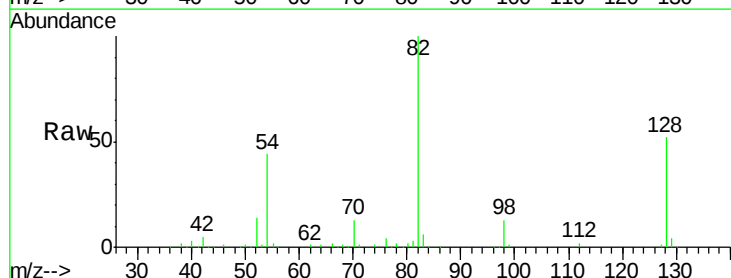


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

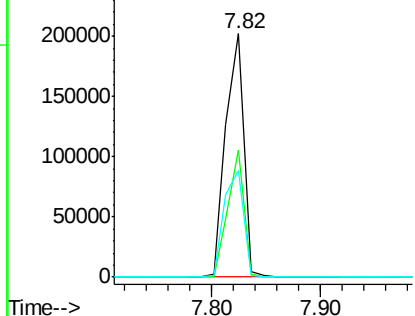
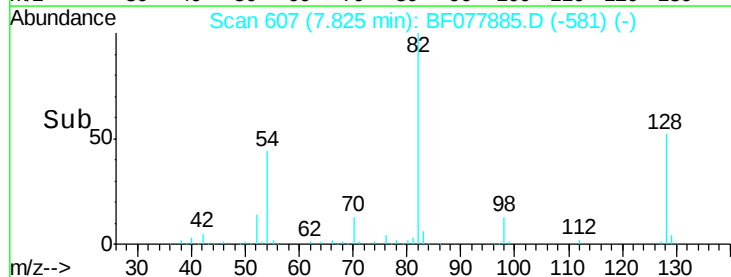


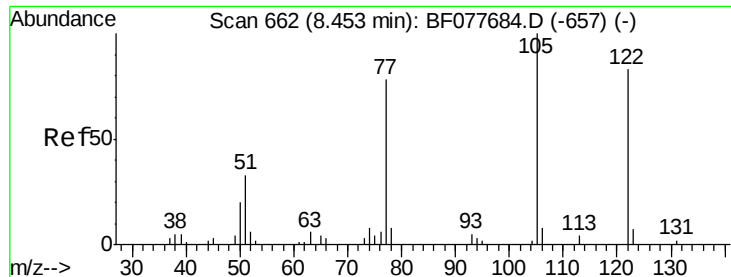
#23
Nitrobenzene-d5
Concen: 90.65 ng
RT: 7.82 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF077885.D
Acq: 21 Mar 2015 2:37

Tgt Ion: 82	Resp:	231822
Ion Ratio	Lower	Upper
82	100	
128	52.2	32.8 49.2#
54	43.8	40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 53.48 ng

RT: 8.44 min Scan# 661

Delta R.T. 0.02 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

Instrument :

BNA_F

ClientSampleId :

MW-25V

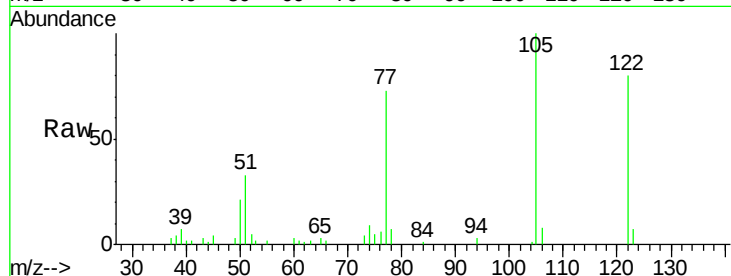
Tot Ion:122 Resp: 73829

Ion Ratio Lower Upper

122 100

105 124.4 99.9 139.9

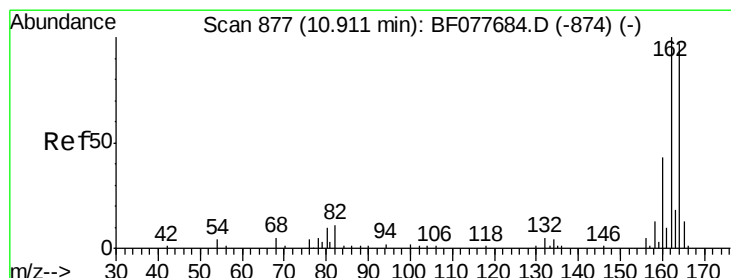
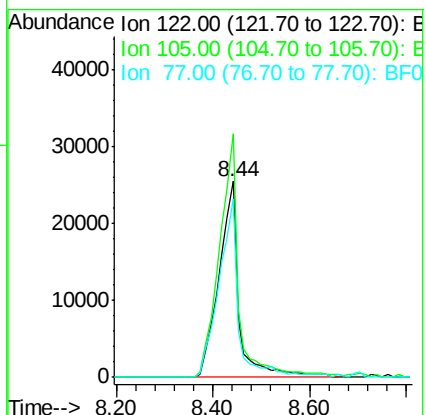
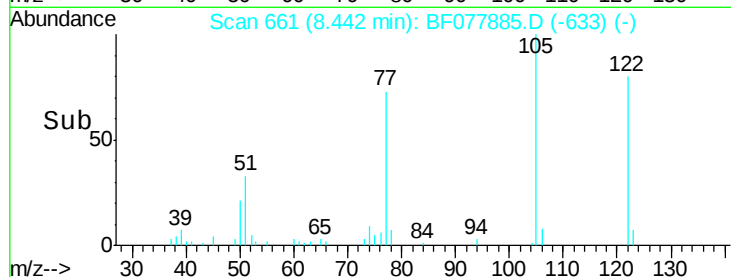
77 91.4 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

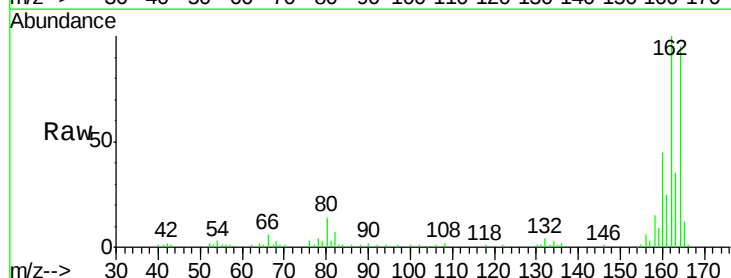
Tgt Ion:164 Resp: 84776

Ion Ratio Lower Upper

164 100

162 105.6 82.4 123.6

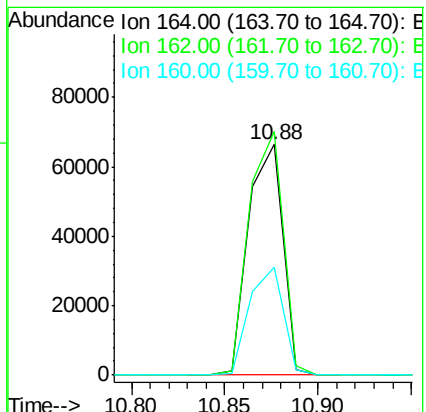
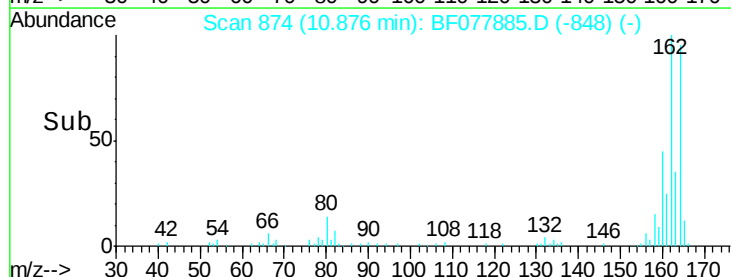
160 47.0 35.8 53.6

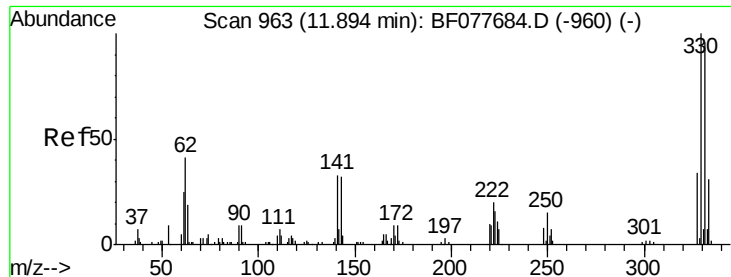


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

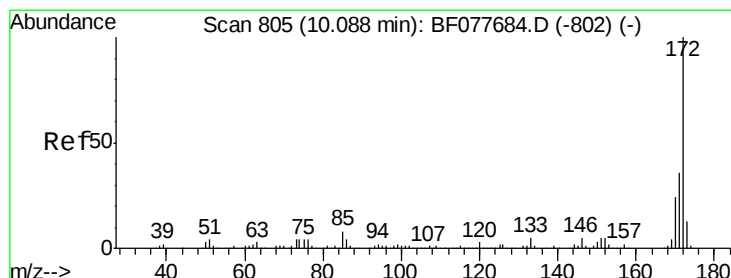
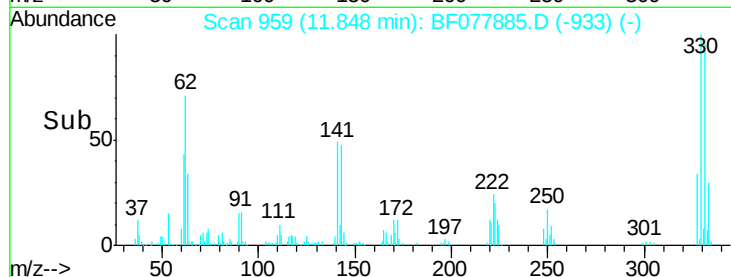
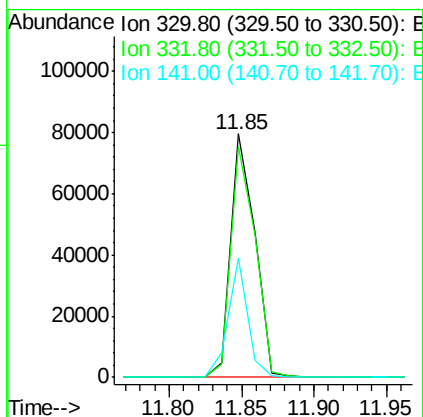
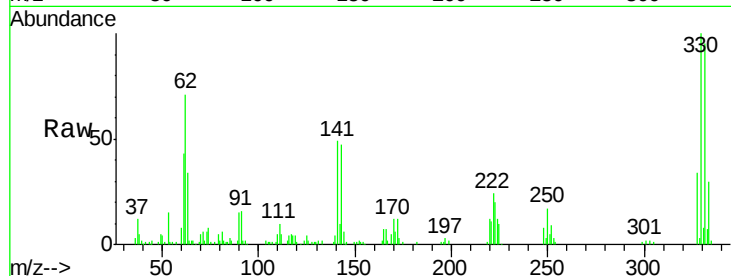




#41
 2,4,6-Tribromophenol
 Concen: 113.54 ng
 RT: 11.85 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF077885.D
 Acq: 21 Mar 2015 2:37

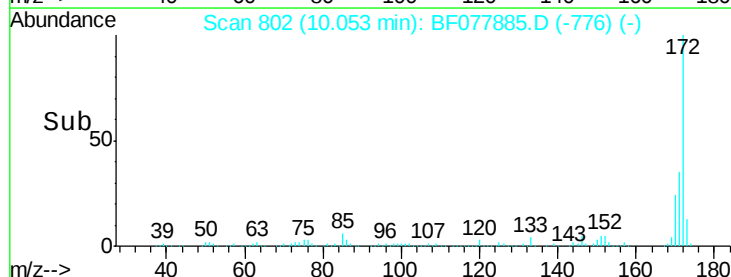
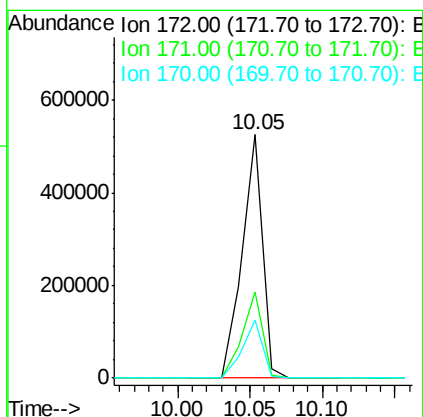
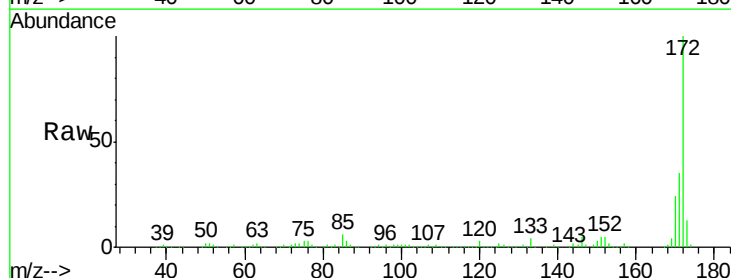
Instrument :
 BNA_F
 ClientSampleId :
 MW-25V

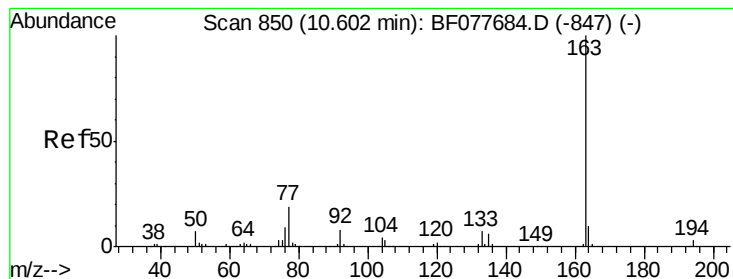
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	39.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 88.57 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077885.D
 Acq: 21 Mar 2015 2:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.7	18.8	28.2





#49

Dimethylphthalate

Concen: 5.84 ng

RT: 10.56 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

Instrument :

BNA_F

ClientSampleId :

MW-25V

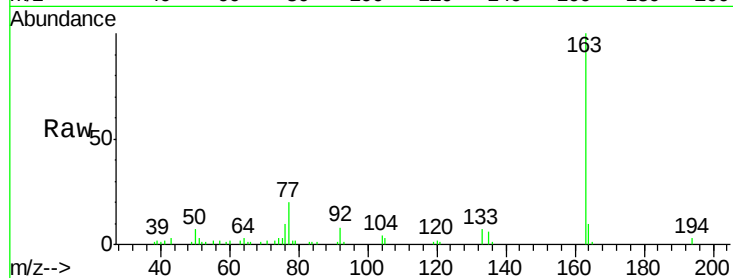
Tot Ion:163 Resp: 36717

Ion Ratio Lower Upper

163 100

194 2.9 2.7 4.1

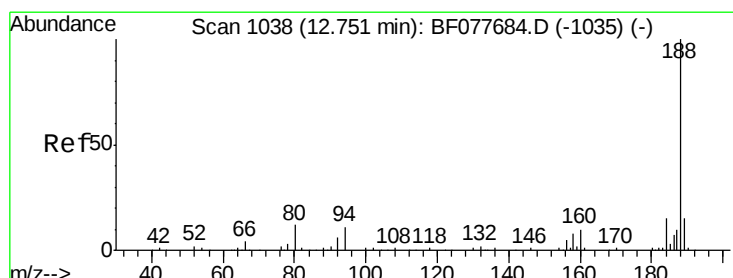
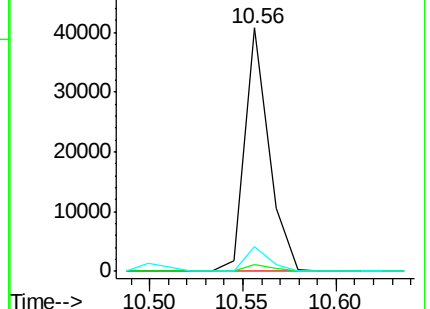
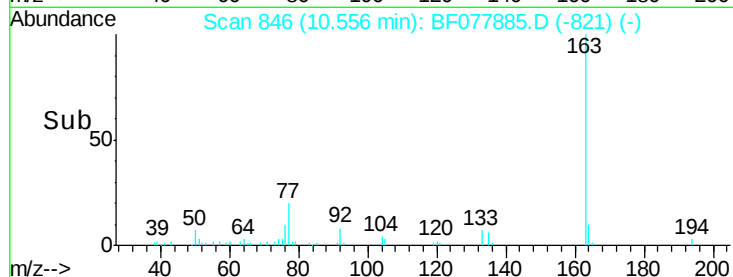
164 10.2 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.71 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

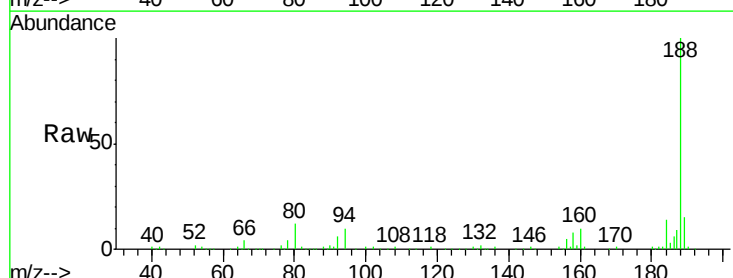
Tgt Ion:188 Resp: 170086

Ion Ratio Lower Upper

188 100

94 10.2 8.7 13.1

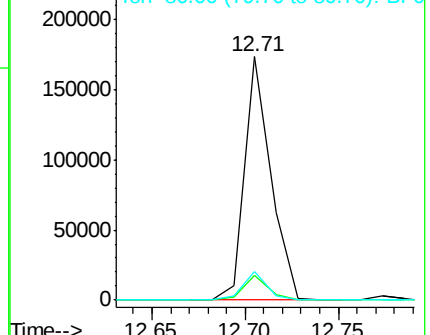
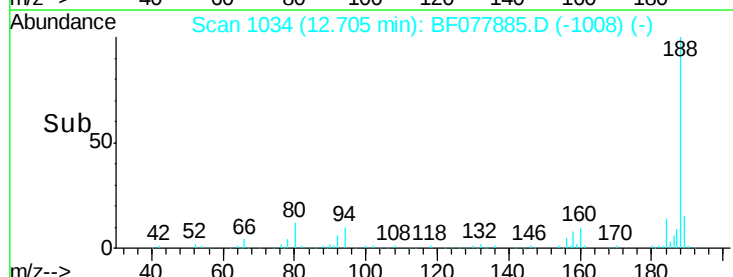
80 11.6 9.3 13.9

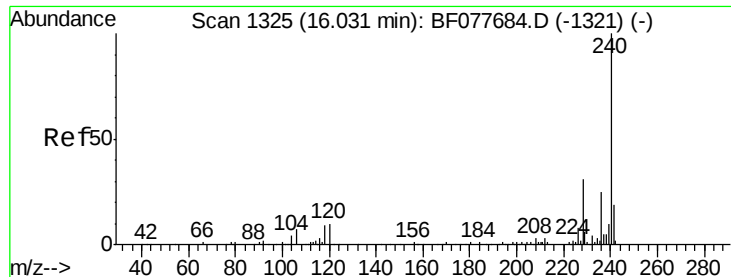


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.99 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

Instrument :

BNA_F

ClientSampleId :

MW-25V

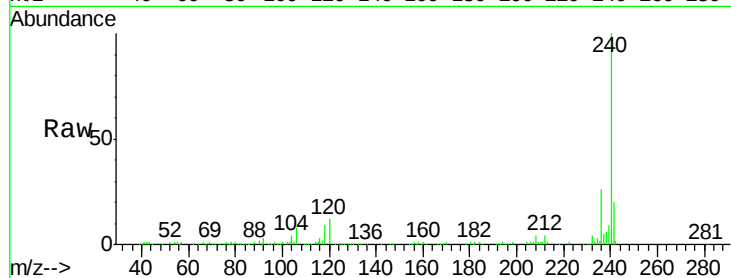
Tot Ion:240 Resp: 181763

Ion Ratio Lower Upper

240 100

120 11.6 8.2 12.2

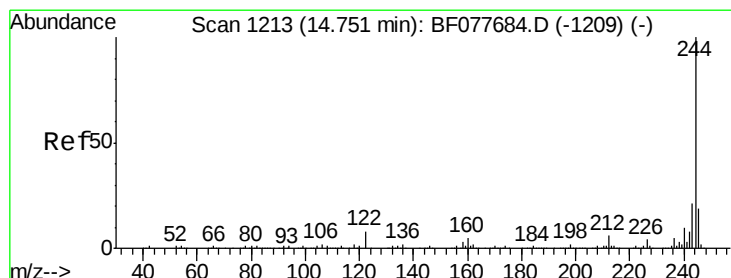
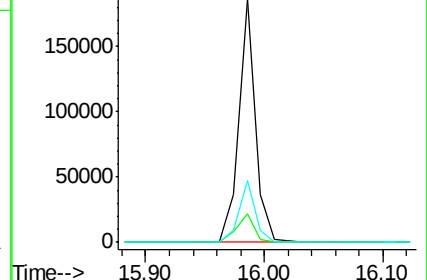
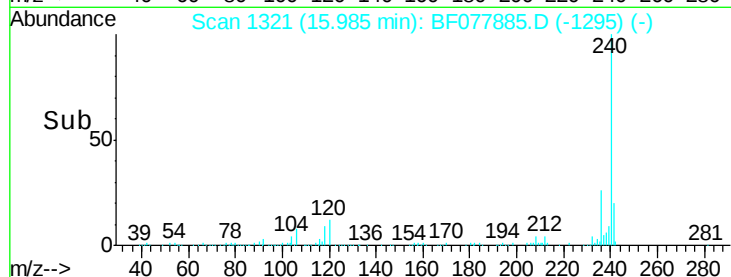
236 25.6 20.0 30.0



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



#78

Terphenyl-d14

Concen: 81.33 ng

RT: 14.71 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF077885.D

Acq: 21 Mar 2015 2:37

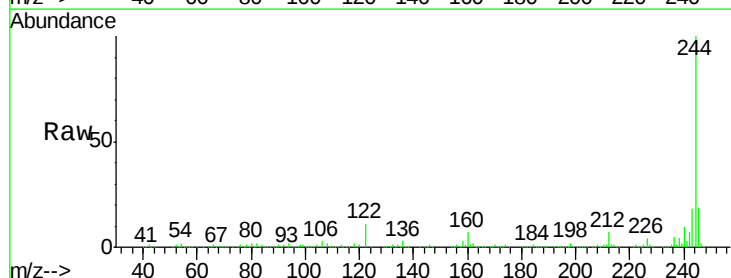
Tgt Ion:244 Resp: 605152

Ion Ratio Lower Upper

244 100

212 6.6 4.9 7.3

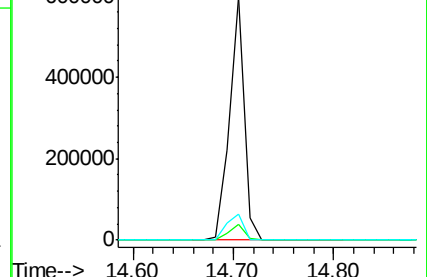
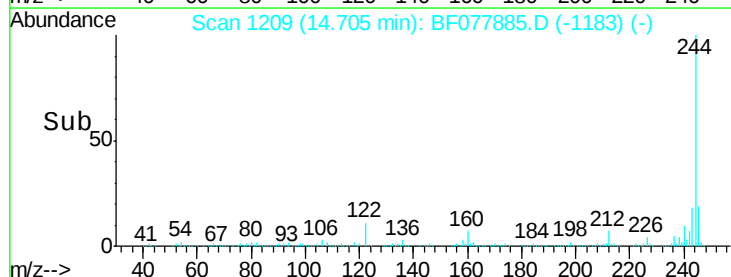
122 10.7 6.2 9.4#

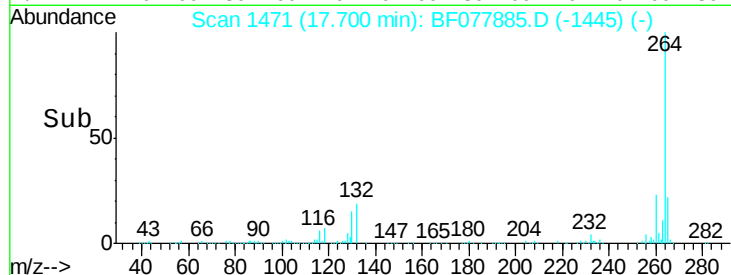
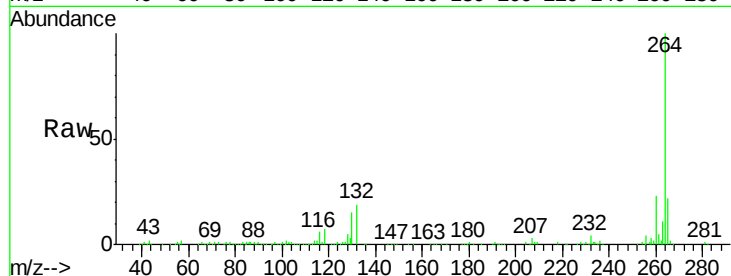
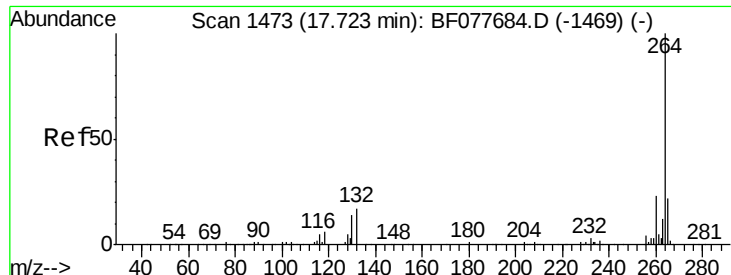


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.70 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BF077885.D
 Acq: 21 Mar 2015 2:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-25V

Tot Ion:	264	Resp:	173360
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.8	17.3	25.9

