

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077547.D
 Acq On : 3 Mar 2015 15:57
 Operator : TP/IZ
 Sample : G1401-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-2-27-15

Quant Time: Mar 04 01:26:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 03 23:57:38 2015
 Response via : Initial Calibration

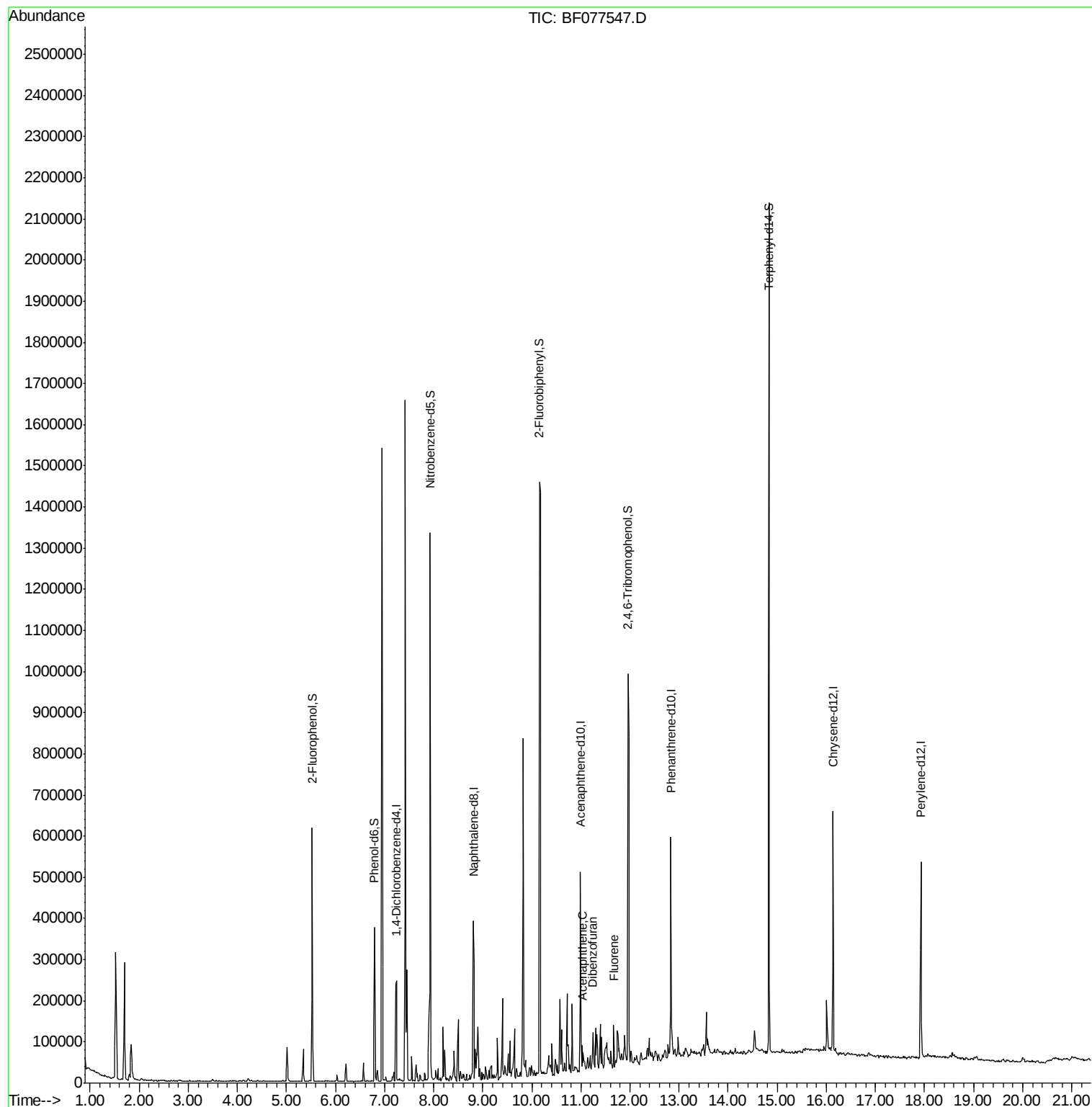
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	58279	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	190652	20.00	ng	0.00
38) Acenaphthene-d10	10.99	164	101503	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	197058	20.00	ng	0.00
75) Chrysene-d12	16.13	240	228006	20.00	ng	-0.02
86) Perylene-d12	17.93	264	213623	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	185905	53.25	ng	0.00
7) Phenol-d6	6.79	99	136757	30.47	ng	0.00
23) Nitrobenzene-d5	7.93	82	386591	126.09	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	158877	162.56	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	713611	109.62	ng	0.00
78) Terphenyl-d14	14.83	244	738177	75.69	ng	0.00
Target Compounds						Qvalue
51) Acenaphthene	11.03	154	13594	2.39	ng	98
54) Dibenzofuran	11.24	168	18209	2.07	ng	# 92
57) Fluorene	11.67	166	21651	3.08	ng	# 96

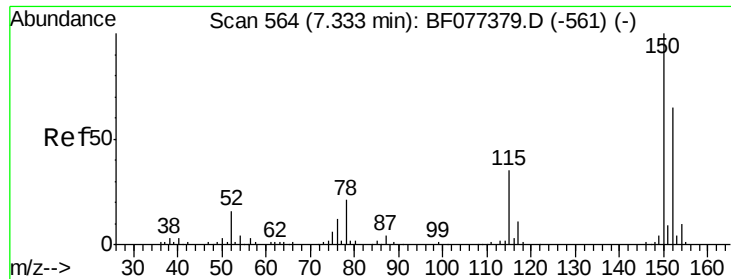
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.24 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF077547.D

Acq: 3 Mar 2015 15:57

Instrument :

BNA_F

ClientSampleId :

MW-01-2-27-15

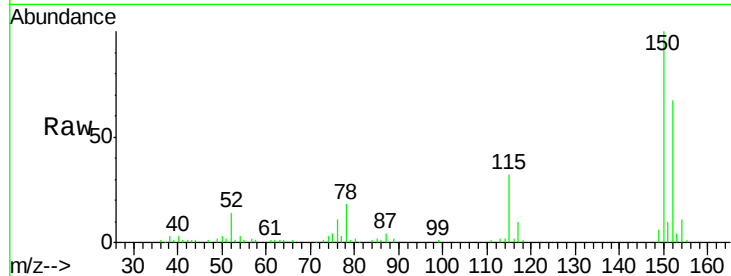
Tgt Ion:152 Resp: 58279

Ion Ratio Lower Upper

152 100

150 149.8 124.0 186.0

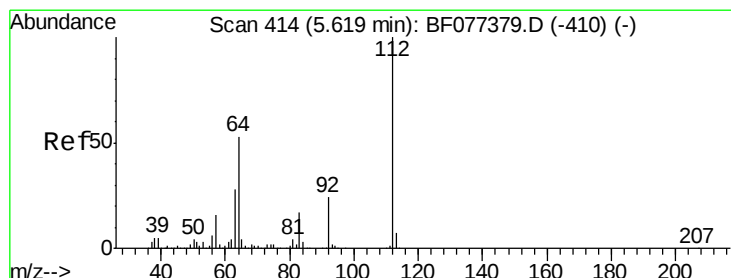
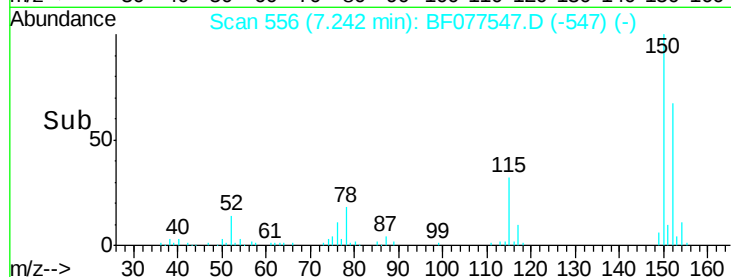
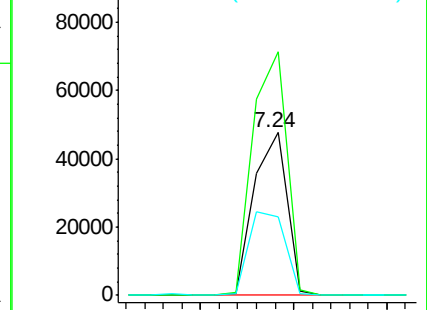
115 48.3 49.4 74.2#



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: 53.25 ng

RT: 5.53 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF077547.D

Acq: 3 Mar 2015 15:57

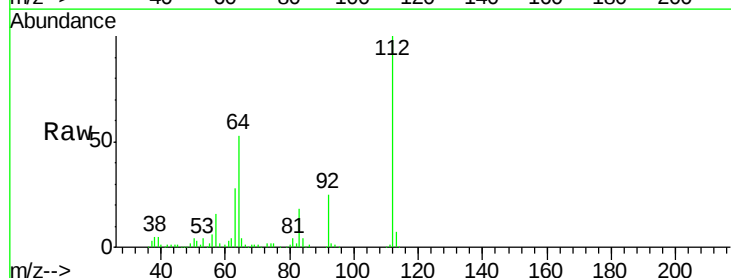
Tgt Ion:112 Resp: 185905

Ion Ratio Lower Upper

112 100

64 53.5 48.5 72.7

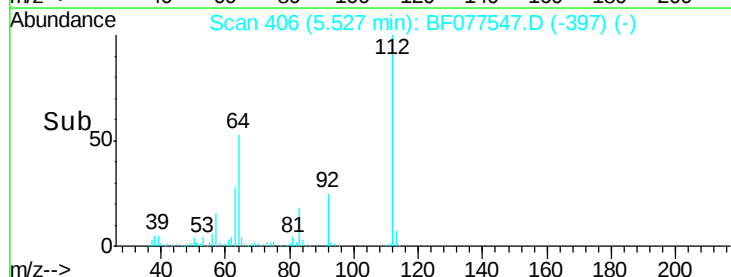
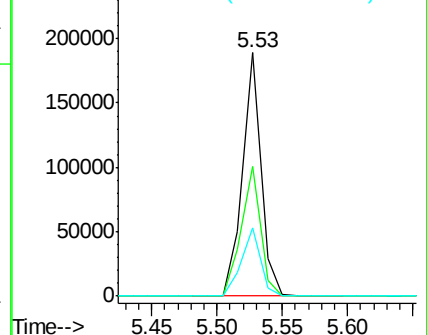
63 28.0 25.0 37.4



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: 30.47 ng

RT: 6.79 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF077547.D

Acq: 3 Mar 2015 15:57

Instrument :

BNA_F

ClientSampleId :

MW-01-2-27-15

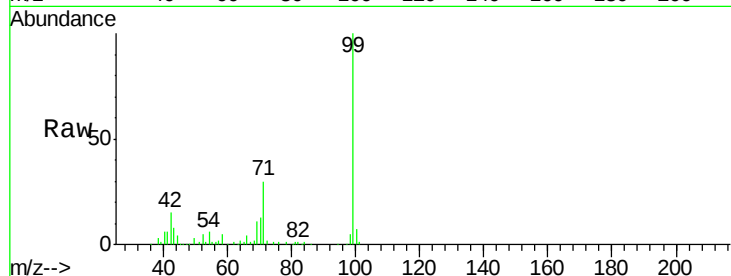
Tgt Ion: 99 Resp: 136757

Ion Ratio Lower Upper

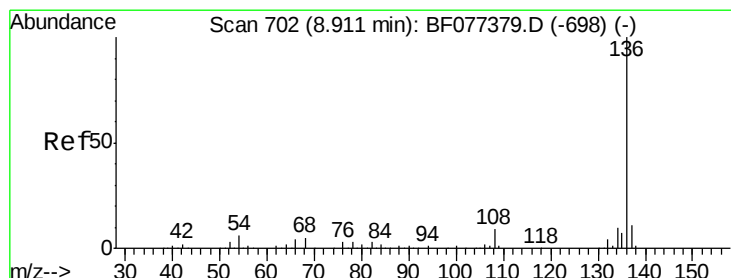
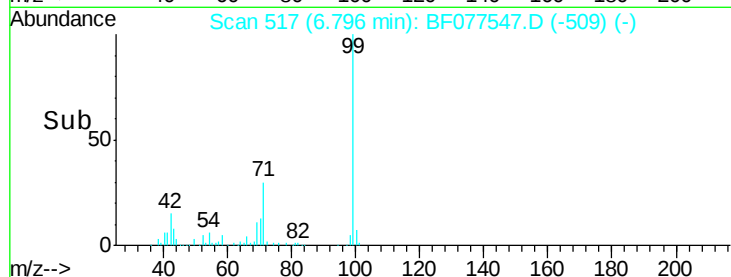
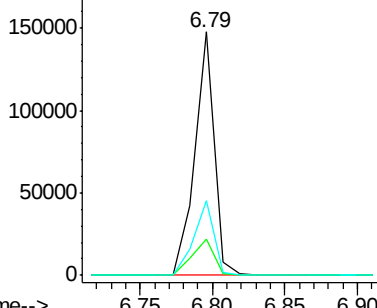
99 100

42 14.9 16.2 24.4#

71 30.4 26.7 40.1



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: 8.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF077547.D

Acq: 3 Mar 2015 15:57

Tgt Ion: 136 Resp: 190652

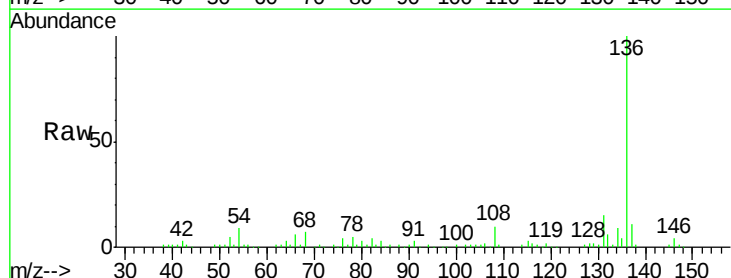
Ion Ratio Lower Upper

136 100

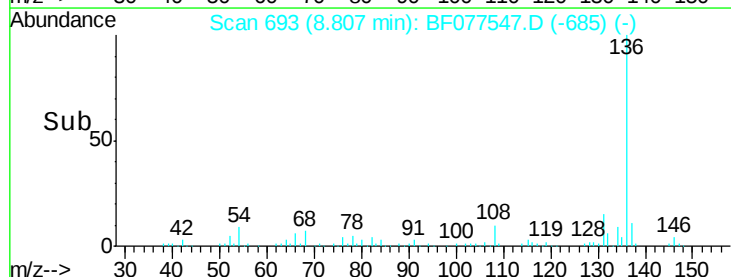
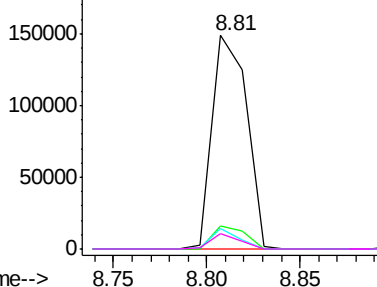
137 11.1 8.6 13.0

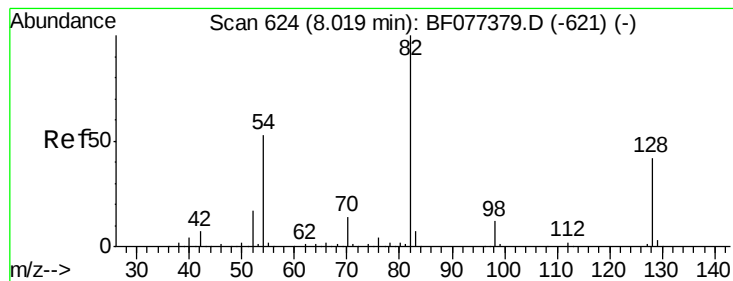
54 9.4 6.2 9.4#

68 7.4 5.0 7.6



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: 126.09 ng

RT: 7.93 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF077547.D

Acq: 3 Mar 2015 15:57

Instrument :

BNA_F

ClientSampleId :

MW-01-2-27-15

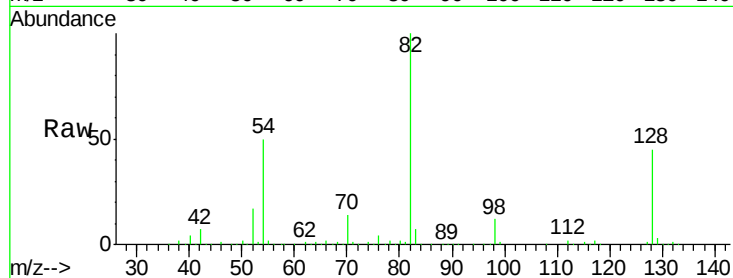
Tgt Ion: 82 Resp: 386591

Ion Ratio Lower Upper

82 100

128 44.8 43.8 65.8

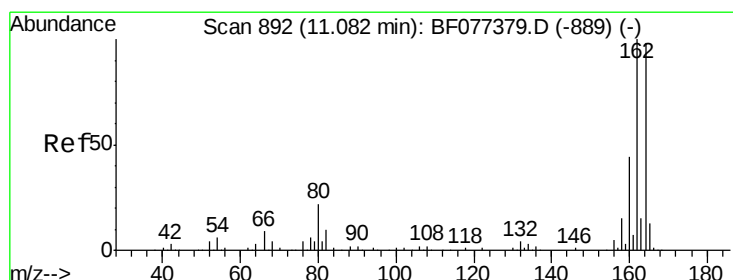
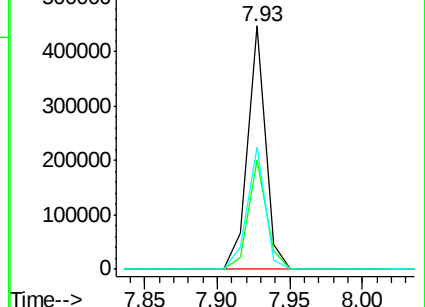
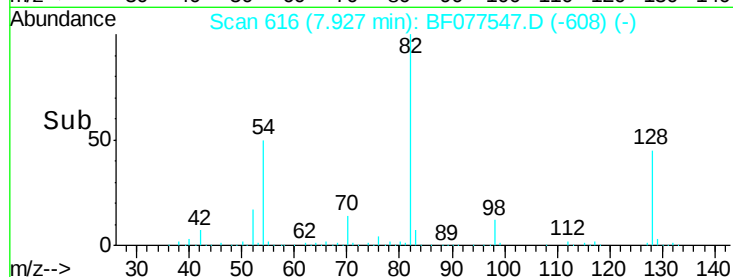
54 50.3 36.7 55.1



Abundance Ion 82.00 (81.70 to 82.70): BF077379.D (-621) (-)

Ion 128.00 (127.70 to 128.70): BF077379.D (-621) (-)

Ion 54.00 (53.70 to 54.70): BF077379.D (-621) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.99 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF077547.D

Acq: 3 Mar 2015 15:57

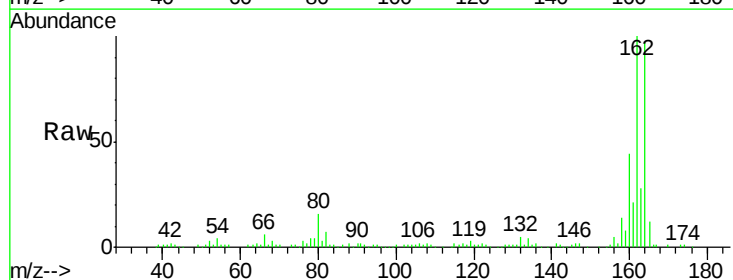
Tgt Ion: 164 Resp: 101503

Ion Ratio Lower Upper

164 100

162 102.6 83.2 124.8

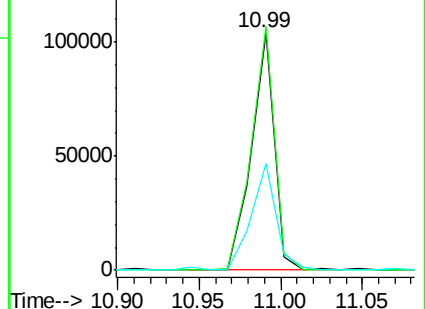
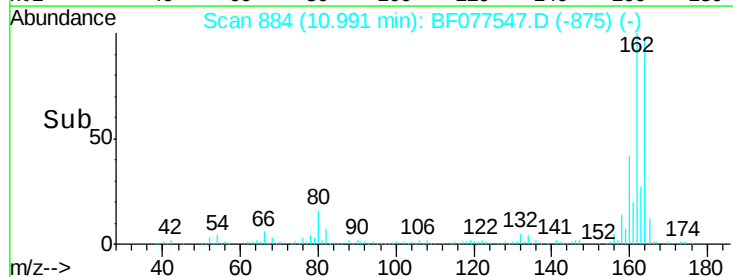
160 45.1 34.6 52.0



Abundance Ion 164.00 (163.70 to 164.70): BF077379.D (-889) (-)

Ion 162.00 (161.70 to 162.70): BF077379.D (-889) (-)

Ion 160.00 (159.70 to 160.70): BF077379.D (-889) (-)

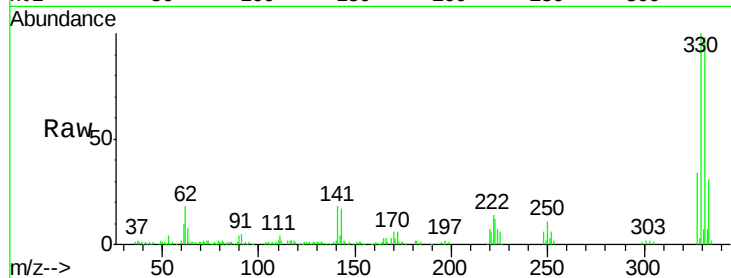




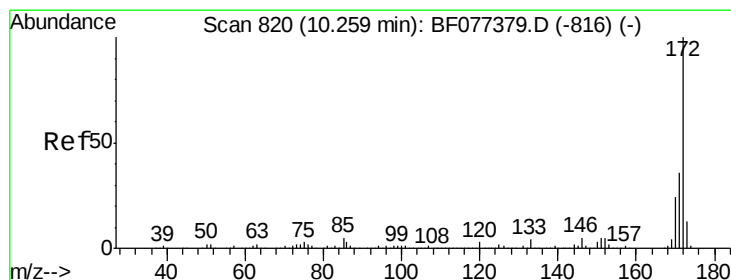
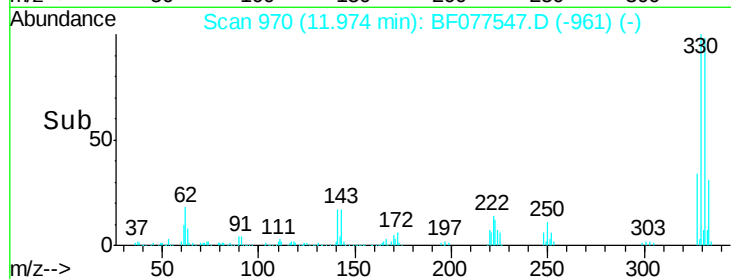
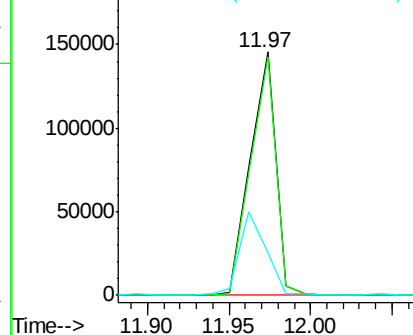
#41
 2,4,6-Tribromophenol
 Concen: 162.56 ng
 RT: 11.97 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF077547.D
 Acq: 3 Mar 2015 15:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-2-27-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	34.5	28.8	43.2

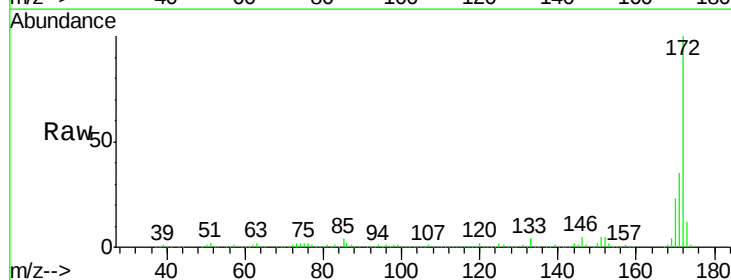


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

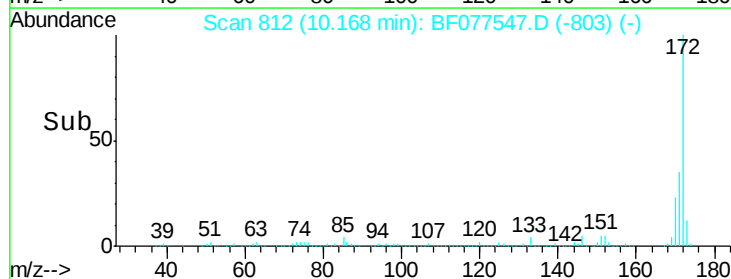
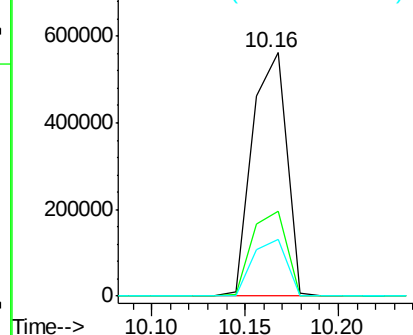


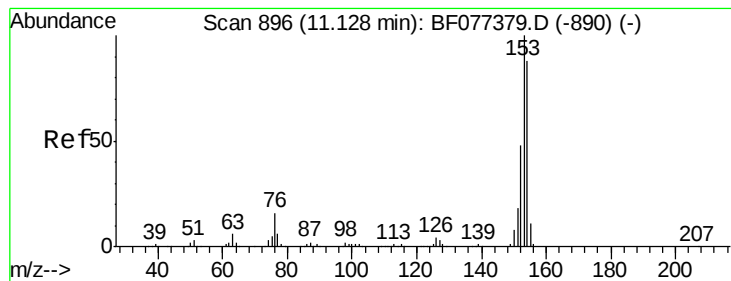
#44
 2-Fluorobiphenyl
 Concen: 109.62 ng
 RT: 10.16 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF077547.D
 Acq: 3 Mar 2015 15:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	23.4	19.4	29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#51

Acenaphthene

Concen: 2.39 ng

RT: 11.03 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF077547.D

Acq: 3 Mar 2015 15:57

Instrument :

BNA_F

ClientSampleId :

MW-01-2-27-15

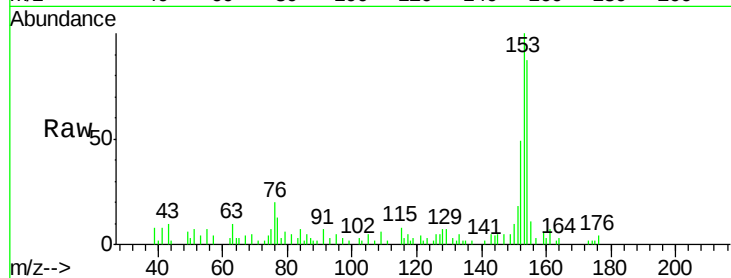
Tgt Ion:154 Resp: 13594

Ion Ratio Lower Upper

154 100

153 115.4 90.5 135.7

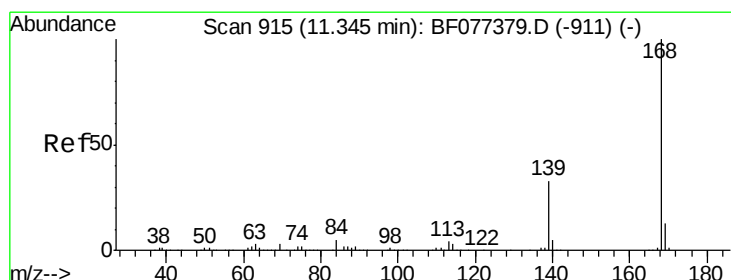
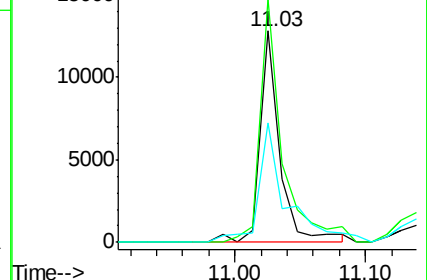
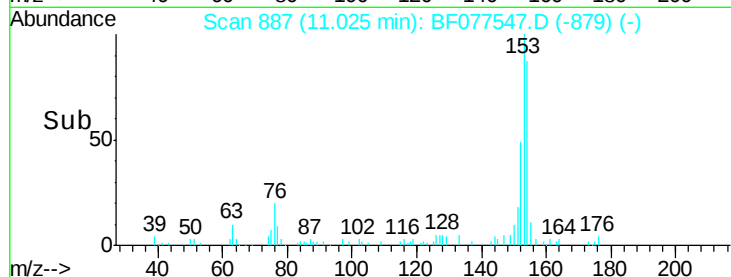
152 56.5 43.5 65.3



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



#54

Dibenzofuran

Concen: 2.07 ng

RT: 11.24 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF077547.D

Acq: 3 Mar 2015 15:57

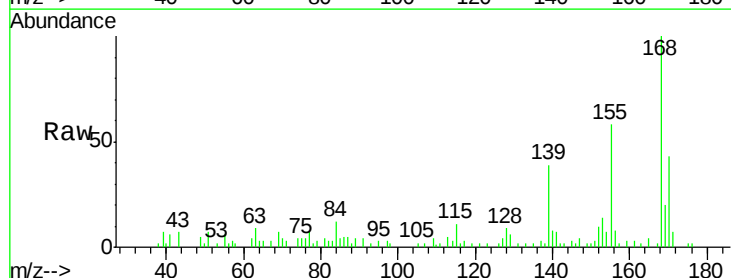
Tgt Ion:168 Resp: 18209

Ion Ratio Lower Upper

168 100

139 39.1 29.3 43.9

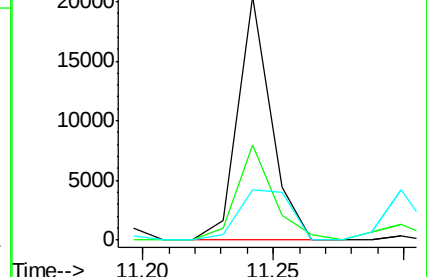
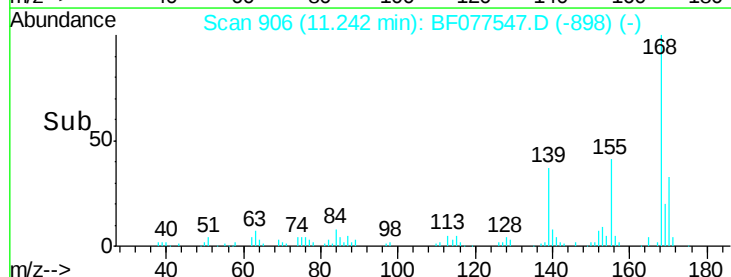
169 20.5 10.9 16.3#

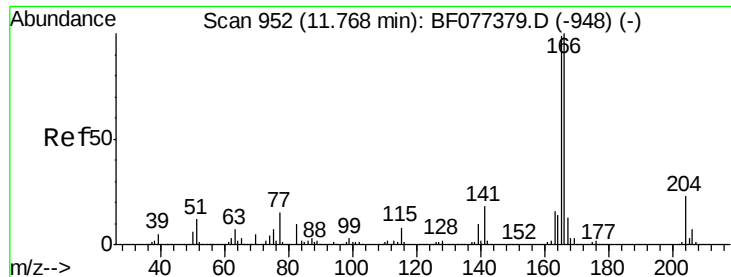


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

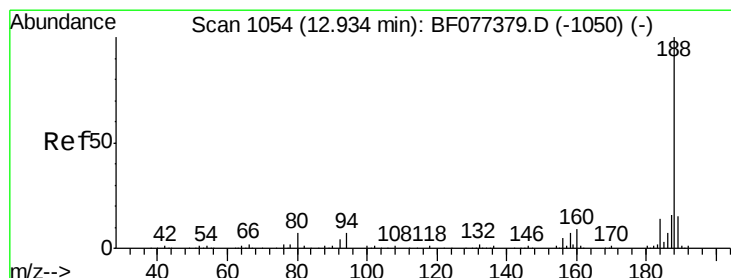
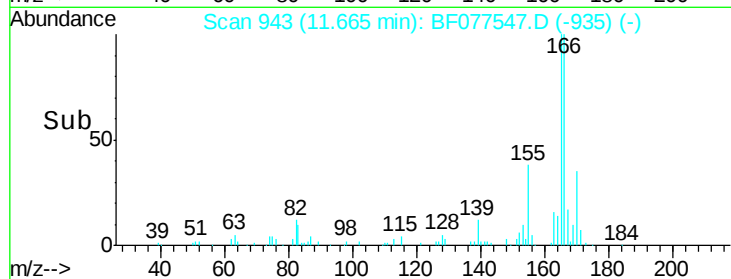
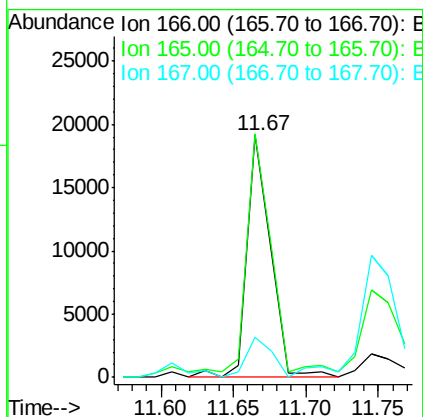
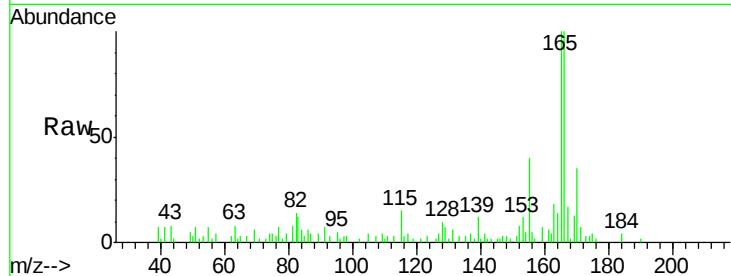




#57
Fluorene
 Concen: 3.08 ng
 RT: 11.67 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF077547.D
 Acq: 3 Mar 2015 15:57

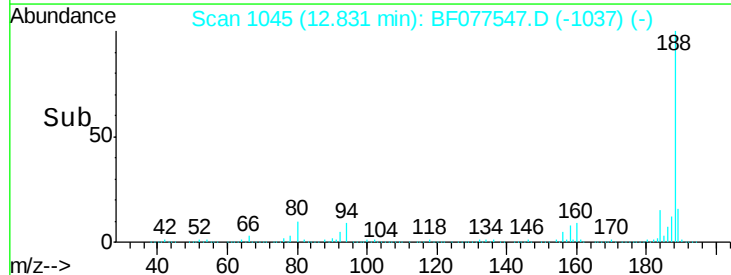
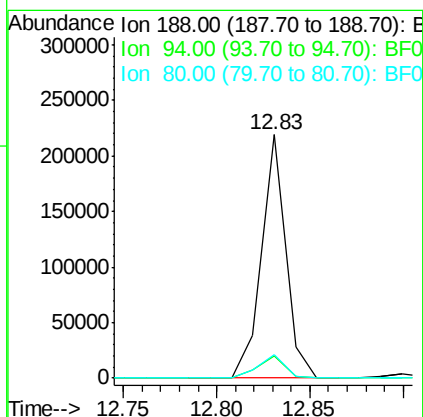
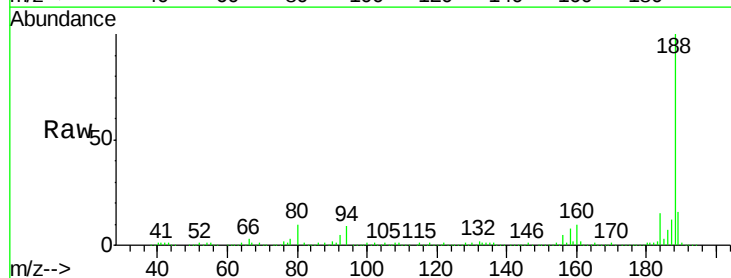
Instrument :
 BNA_F
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 MW-01-2-27-15

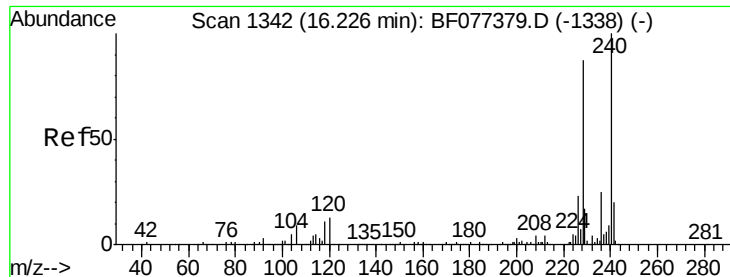
Tgt Ion:166 Resp: 21651
 Ion Ratio Lower Upper
 166 100
 165 100.5 77.6 116.4
 167 16.7 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.83 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF077547.D
 Acq: 3 Mar 2015 15:57

Tgt Ion:188 Resp: 197058
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.4 11.2
 80 9.7 8.0 12.0

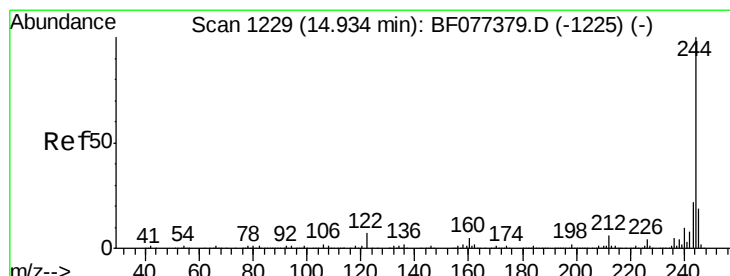
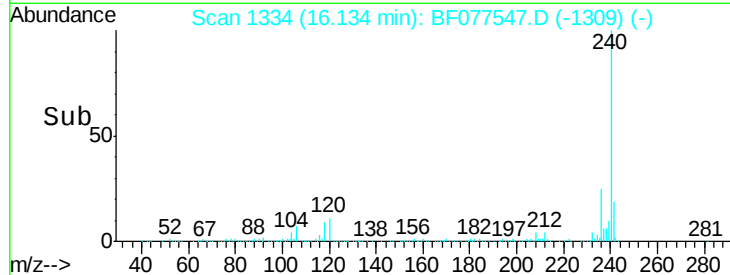
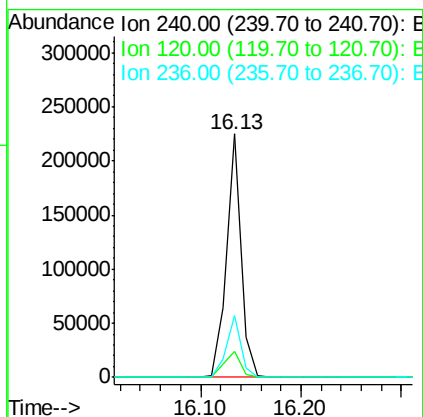
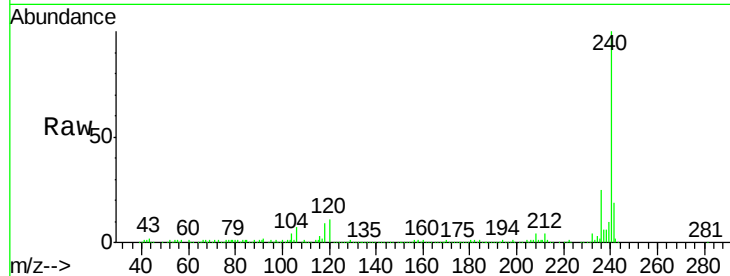




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.13 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF077547.D
Acq: 3 Mar 2015 15:57

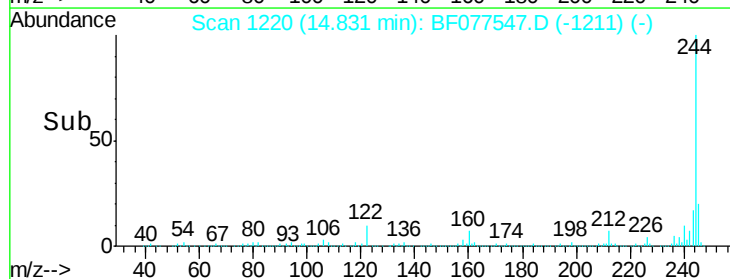
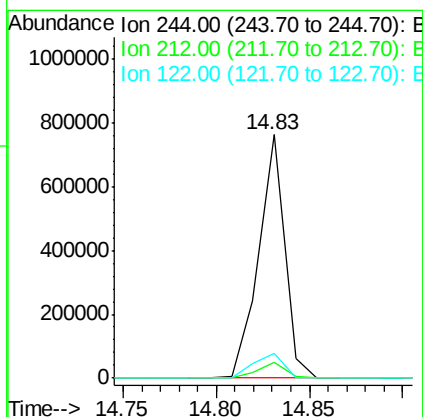
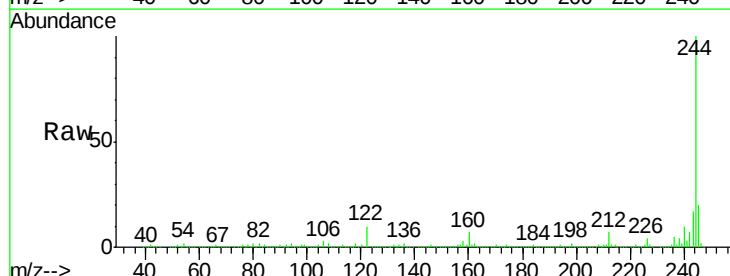
Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15

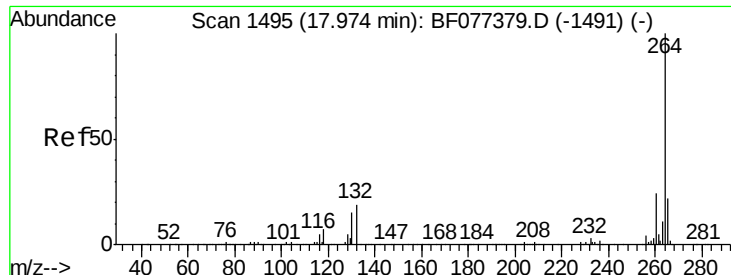
Tgt Ion:240 Resp: 228006
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 25.4 20.7 31.1



#78
Terphenyl-d14
Concen: 75.69 ng
RT: 14.83 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF077547.D
Acq: 3 Mar 2015 15:57

Tgt Ion:244 Resp: 738177
Ion Ratio Lower Upper
244 100
212 6.7 5.2 7.8
122 9.9 7.8 11.8

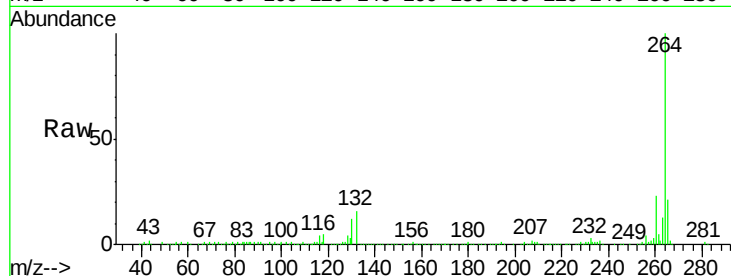




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.93 min Scan# 1491
Delta R.T. -0.05 min
Lab File: BF077547.D
Acq: 3 Mar 2015 15:57

Instrument :
BNA_F
ClientSampleId :
MW-01-2-27-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	21.3	16.8	25.2



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

