

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075592.D
 Acq On : 16 Nov 2014 21:08
 Operator : TP / JJ
 Sample : F4694-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-TEMPWELL

Quant Time: Nov 17 06:06:28 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 05:54:27 2014
 Response via : Initial Calibration

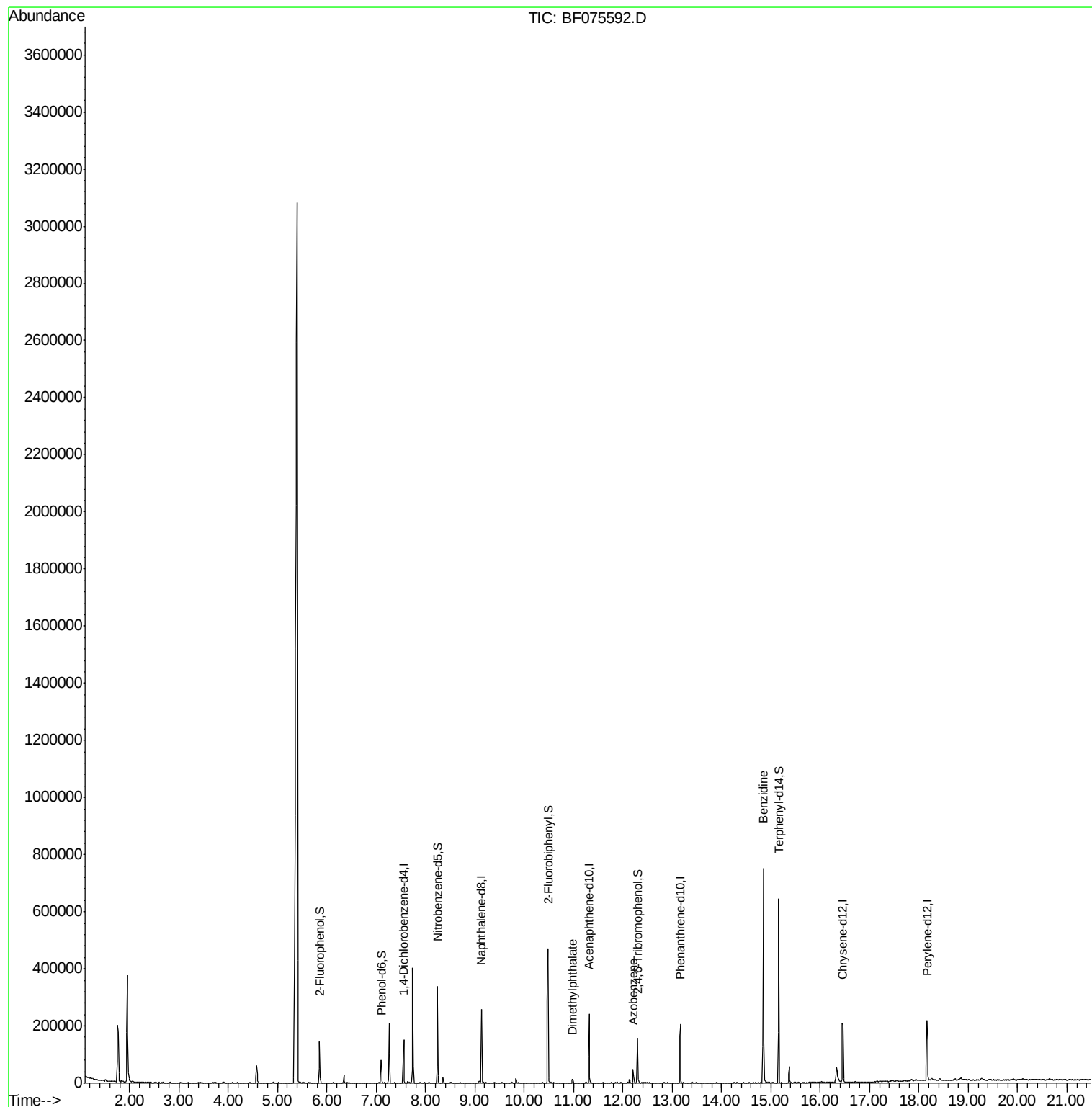
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	27401	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	119486	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	62217	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	105896	20.00	ng	0.00
75) Chrysene-d12	16.46	240	117757	20.00	ng	-0.01
86) Perylene-d12	18.16	264	112277	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	43701	28.18	ng	0.00
7) Phenol-d6	7.10	99	28499	15.28	ng	-0.01
23) Nitrobenzene-d5	8.24	82	94478	57.97	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	26618	51.08	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	197685	57.41	ng	0.00
78) Terphenyl-d14	15.16	244	219539	50.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.98	163	9095	2.14	ng	# 96
62) Azobenzene	12.21	77	9905	2.55	ng	# 1
76) Benizidine	14.85	184	296874	79.28	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF075592.D

Acq: 16 Nov 2014 21:08

Instrument :

BNA_F

ClientSampleId :

DS-TEMPWELL

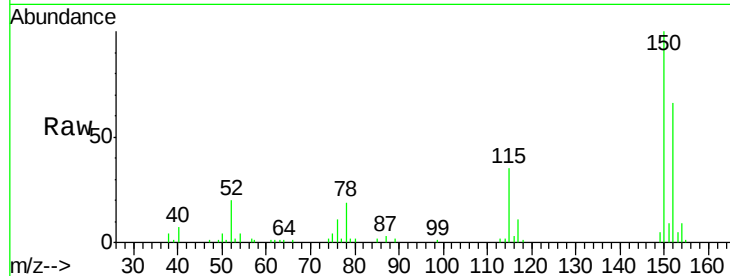
Tgt Ion:152 Resp: 27401

Ion Ratio Lower Upper

152 100

150 152.3 127.2 190.8

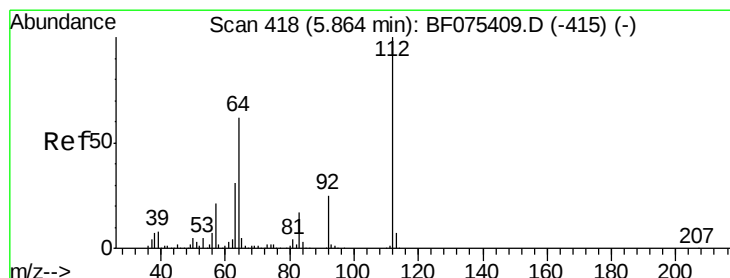
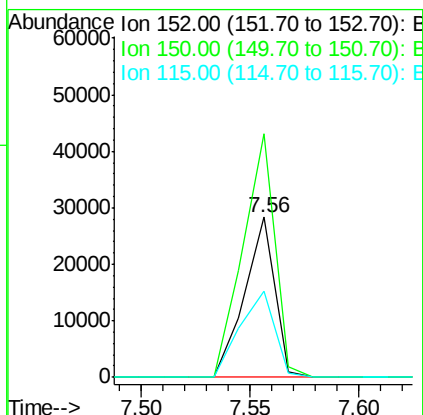
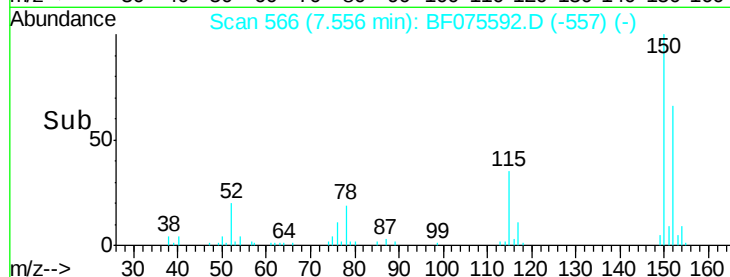
115 53.6 57.1 85.7#



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: 28.18 ng

RT: 5.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF075592.D

Acq: 16 Nov 2014 21:08

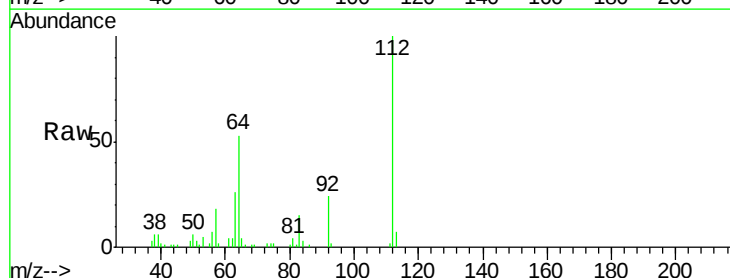
Tgt Ion:112 Resp: 43701

Ion Ratio Lower Upper

112 100

64 52.8 45.8 68.6

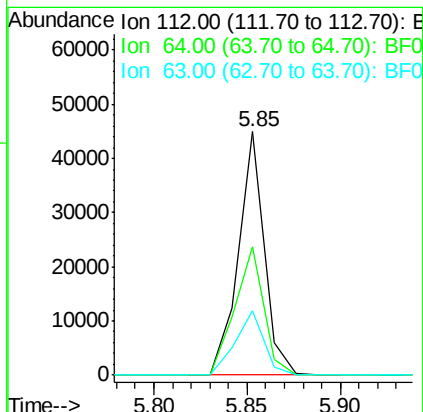
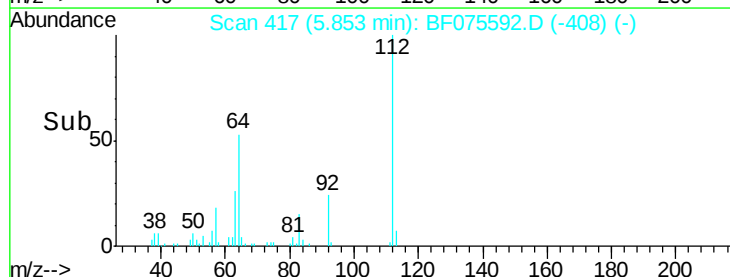
63 26.3 22.7 34.1

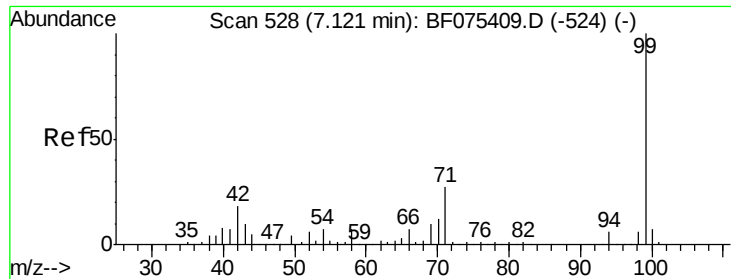


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 15.28 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075592.D

Acq: 16 Nov 2014 21:08

Instrument :

BNA_F

ClientSampleId :

DS-TEMPWELL

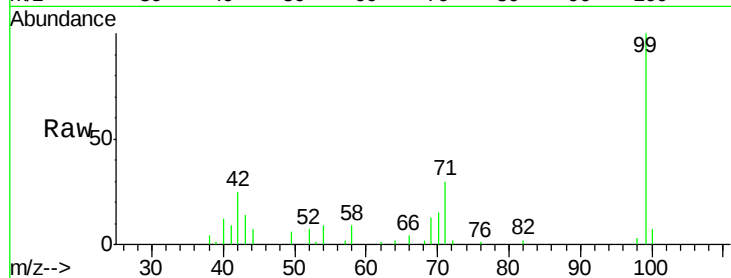
Tgt Ion: 99 Resp: 28499

Ion Ratio Lower Upper

99 100

42 24.9 19.8 29.6

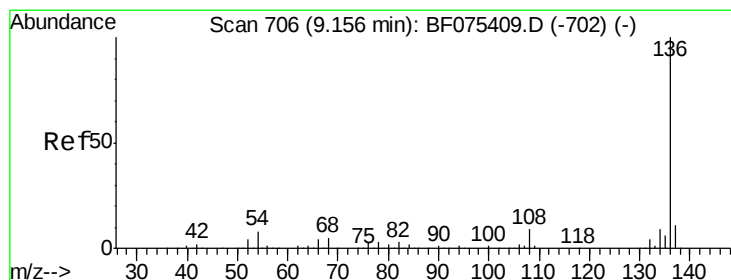
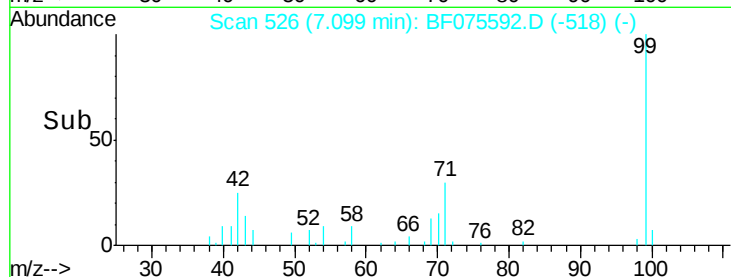
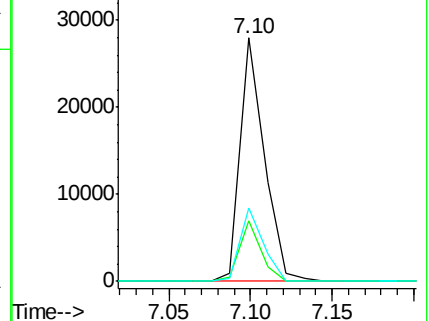
71 30.3 25.5 38.3



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: 9.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF075592.D

Acq: 16 Nov 2014 21:08

Tgt Ion: 136 Resp: 119486

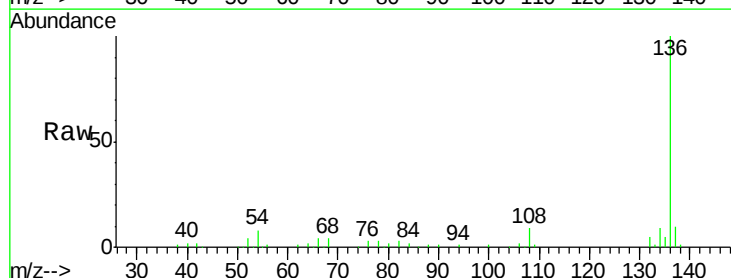
Ion Ratio Lower Upper

136 100

137 10.2 8.2 12.4

54 8.3 6.2 9.4

68 3.8 3.4 5.2

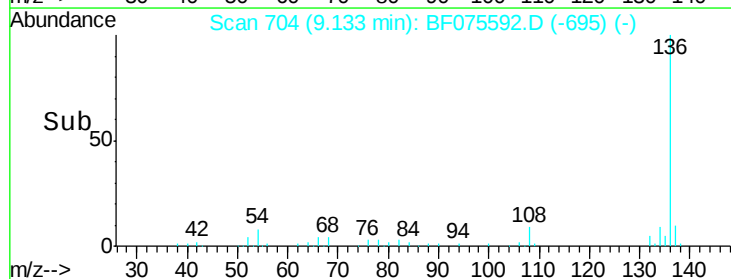
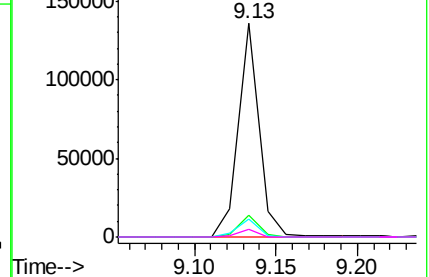


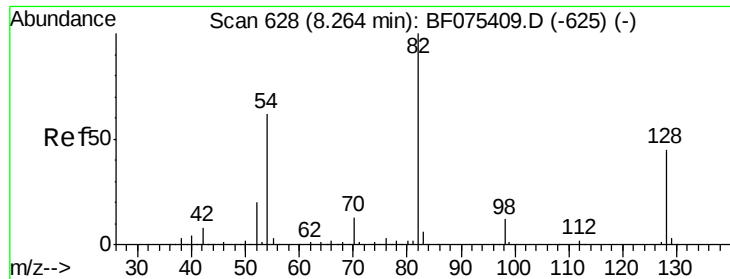
Abundance Ion 136.00 (135.70 to 136.70): E

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

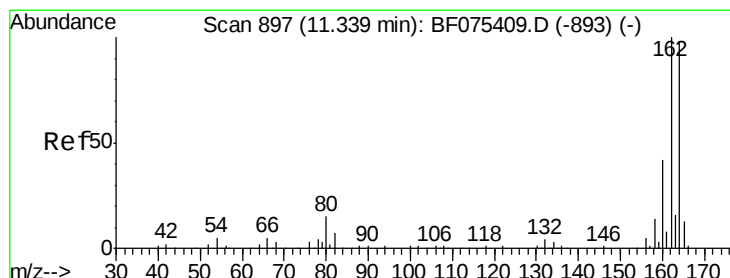
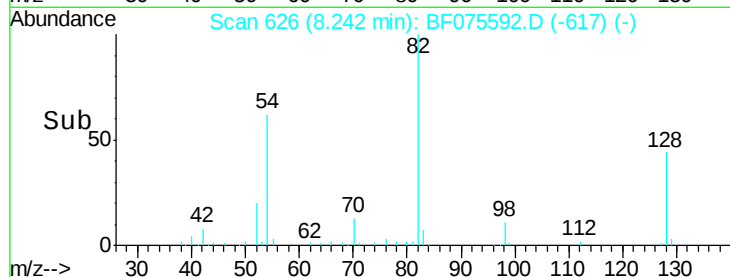
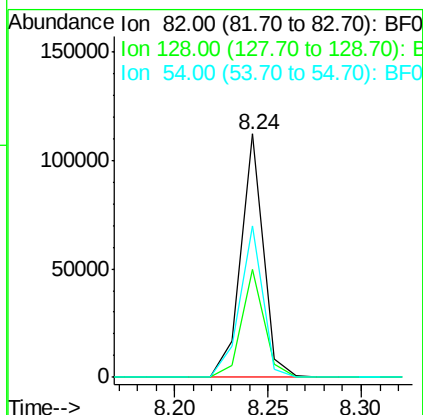
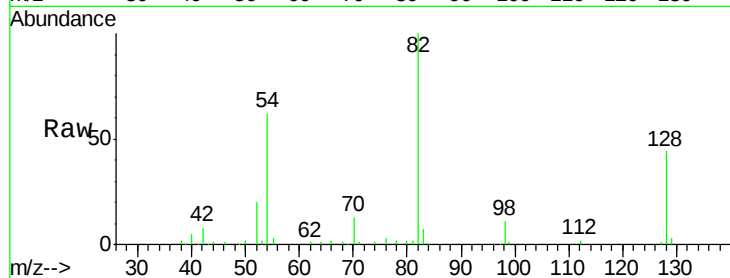




#23
 Nitrobenzene-d5
 Concen: 57.97 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF075592.D
 Acq: 16 Nov 2014 21:08

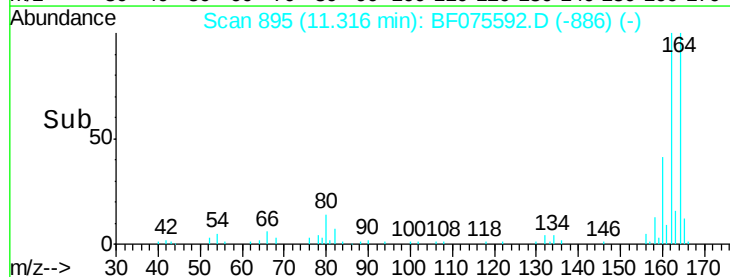
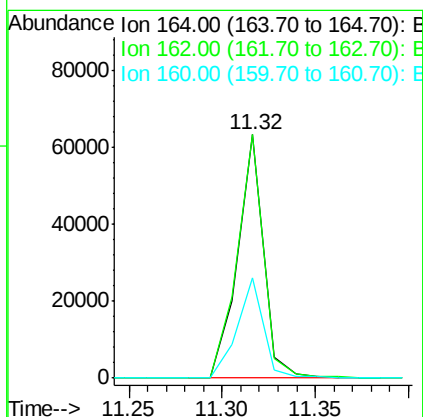
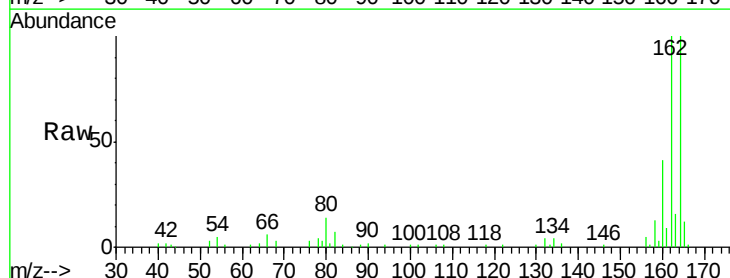
Instrument :
 BNA_F
 ClientSampleId :
 DS-TEMPWELL

Tgt Ion: 82 Resp: 94478
 Ion Ratio Lower Upper
 82 100
 128 44.3 37.8 56.6
 54 62.3 49.8 74.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF075592.D
 Acq: 16 Nov 2014 21:08

Tgt Ion: 164 Resp: 62217
 Ion Ratio Lower Upper
 164 100
 162 99.8 79.1 118.7
 160 41.2 34.6 51.8

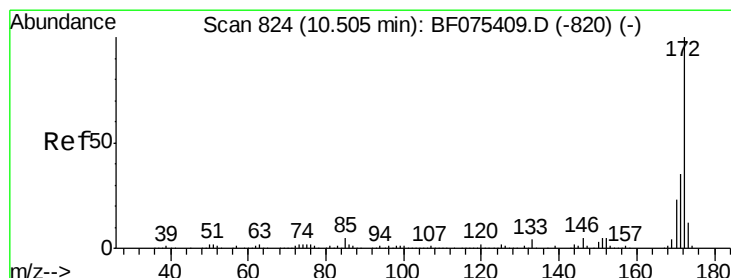
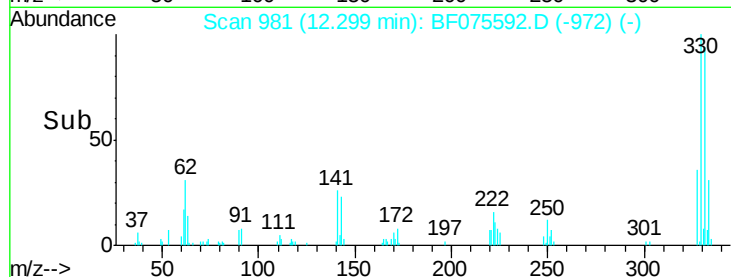
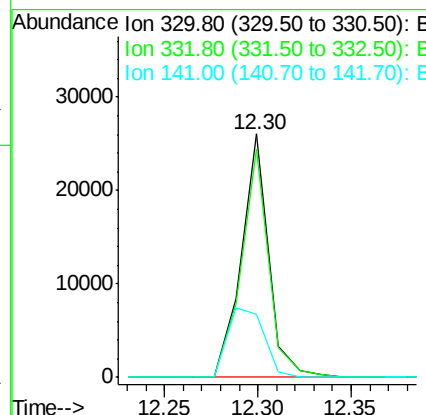
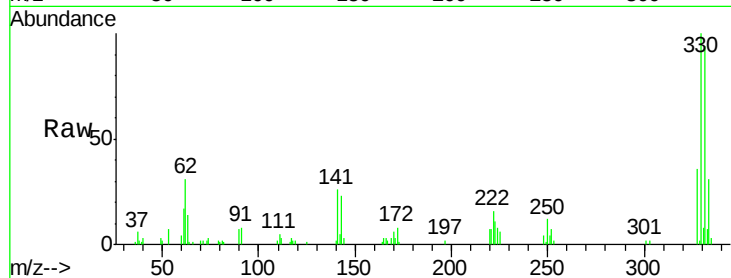




#41
 2,4,6-Tribromophenol
 Concen: 51.08 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075592.D
 Acq: 16 Nov 2014 21:08

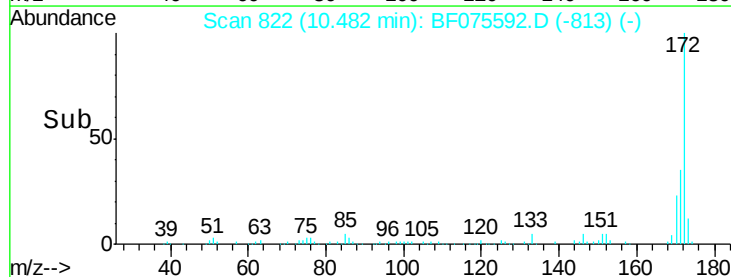
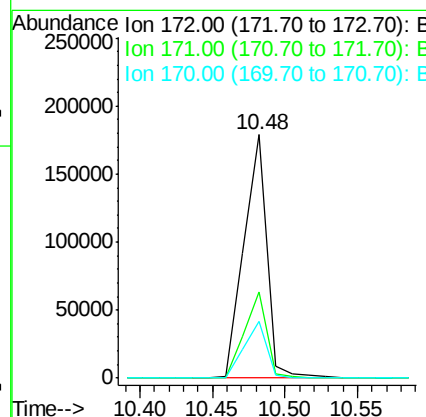
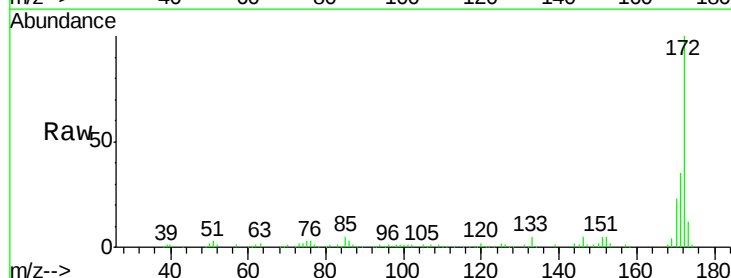
Instrument :
 BNA_F
 ClientSampleId :
 DS-TEMPWELL

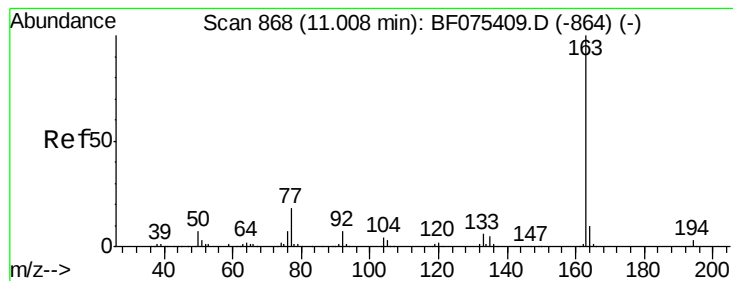
Tgt Ion:330 Resp: 26618
 Ion Ratio Lower Upper
 330 100
 332 94.2 74.5 111.7
 141 38.2 30.7 46.1



#44
 2-Fluorobiphenyl
 Concen: 57.41 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075592.D
 Acq: 16 Nov 2014 21:08

Tgt Ion:172 Resp: 197685
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.3 40.9
 170 23.2 18.4 27.6





#49

Dimethylphthalate

Concen: 2.14 ng

RT: 10.98 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF075592.D

Acq: 16 Nov 2014 21:08

Instrument :

BNA_F

ClientSampleId :

DS-TEMPWELL

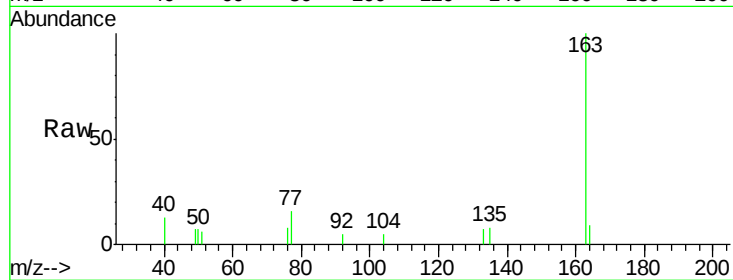
Tgt Ion: 163 Resp: 9095

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

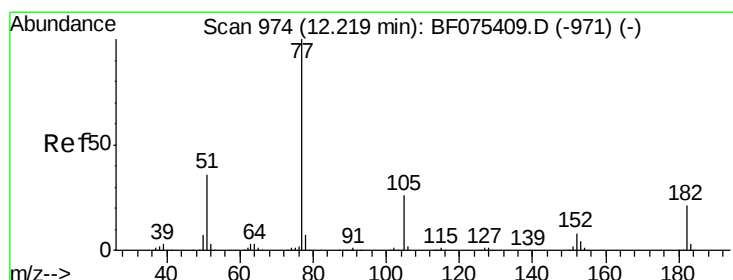
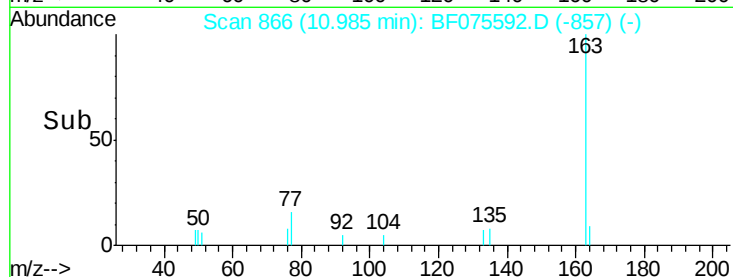
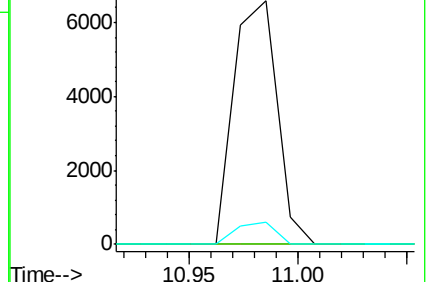
164 9.3 8.0 12.0



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



#62

Azobenzene

Concen: 2.55 ng

RT: 12.21 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF075592.D

Acq: 16 Nov 2014 21:08

Tgt Ion: 77 Resp: 9905

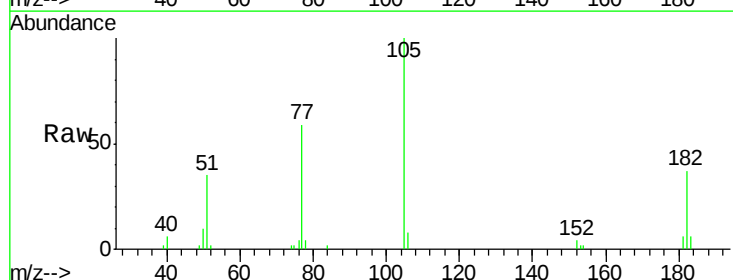
Ion Ratio Lower Upper

77 100

182 61.9 0.0 37.1#

105 168.7 3.7 43.7#

51 59.4 18.7 58.7#

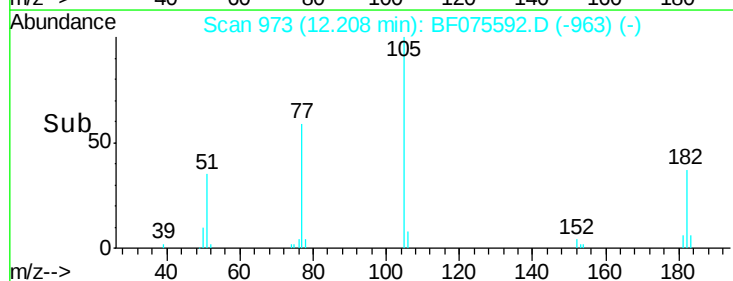
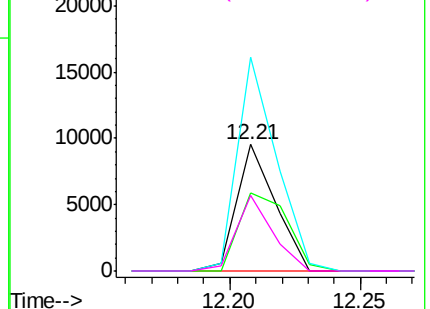


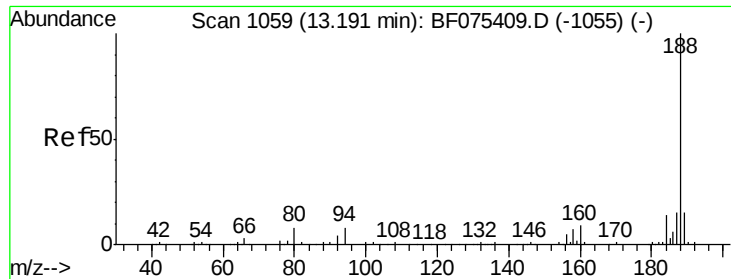
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

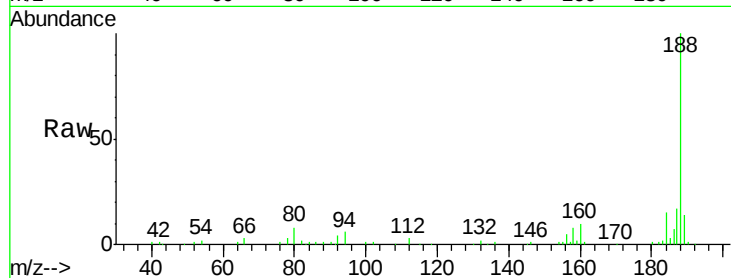




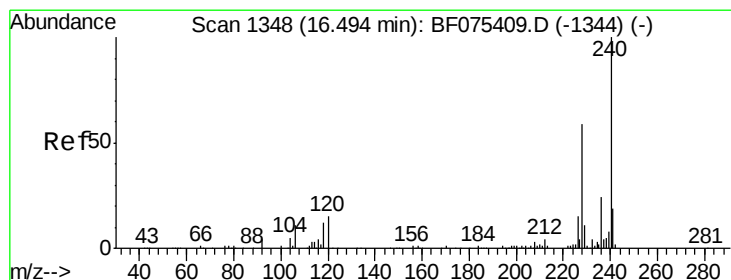
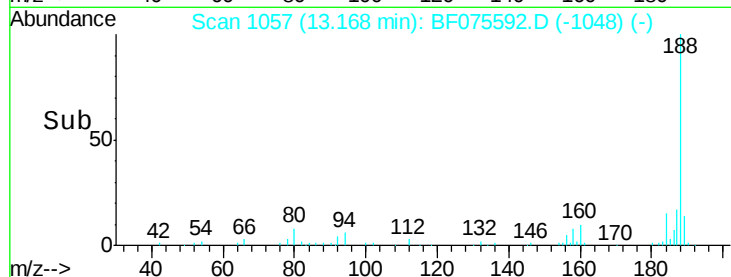
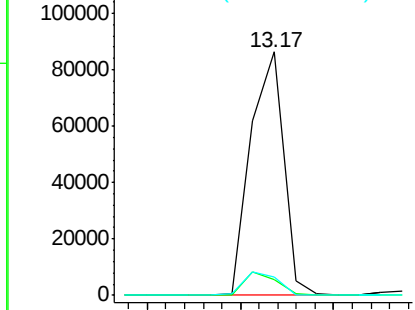
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF075592.D
Acq: 16 Nov 2014 21:08

Instrument :
BNA_F
ClientSampleId :
DS-TEMPWELL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	7.8	11.6#
80	7.6	8.0	12.0#

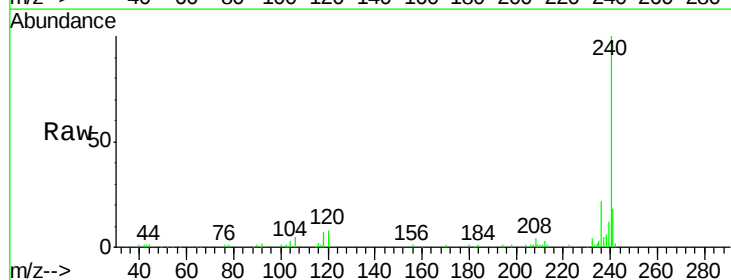


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

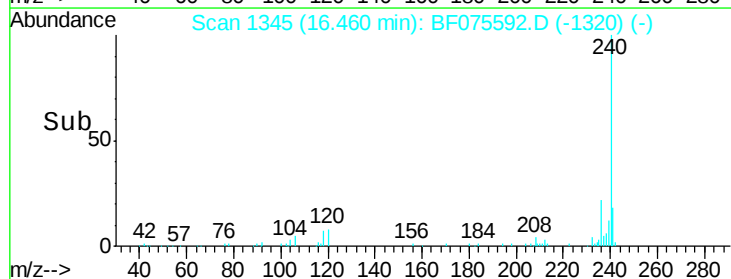
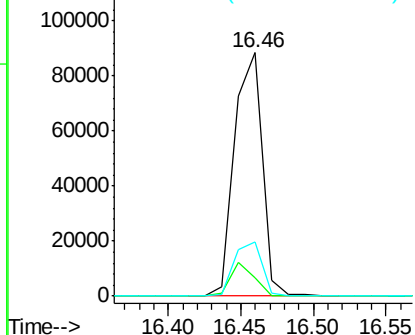


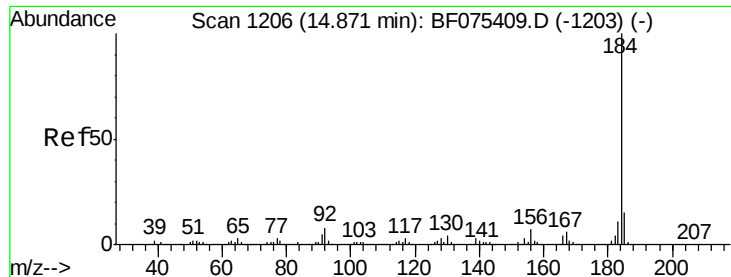
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF075592.D
Acq: 16 Nov 2014 21:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	9.6	14.4#
236	22.4	18.9	28.3



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

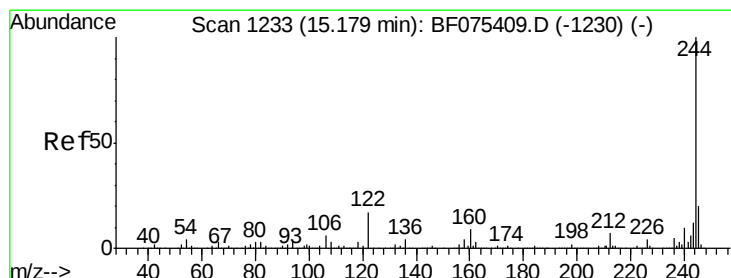
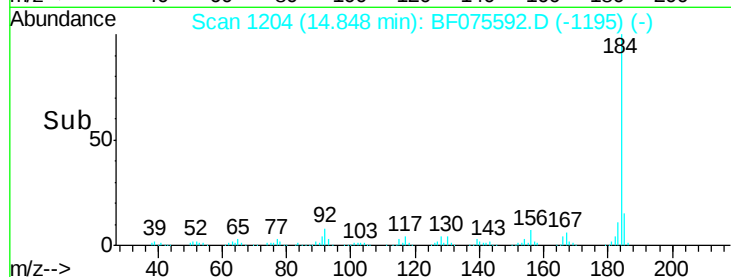
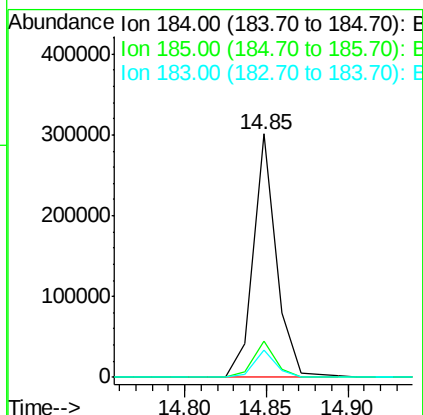
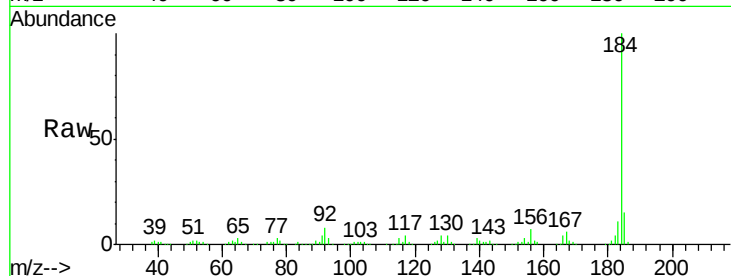




#76
Benzidine
Concen: 79.28 ng
RT: 14.85 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF075592.D
Acq: 16 Nov 2014 21:08

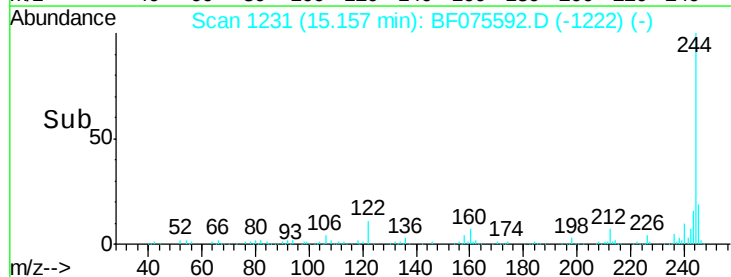
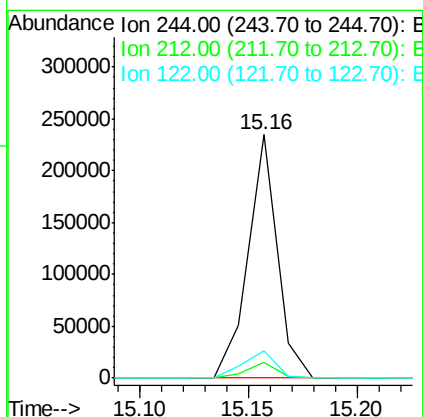
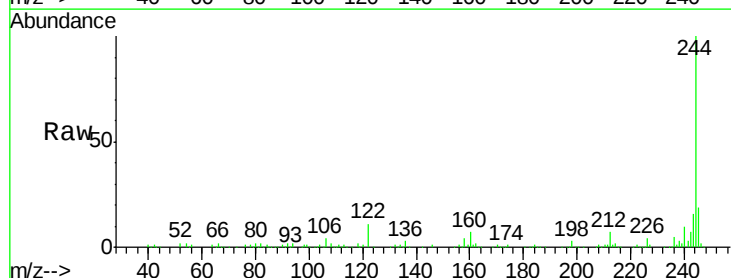
Instrument :
BNA_F
ClientSampleId :
DS-TEMPWELL

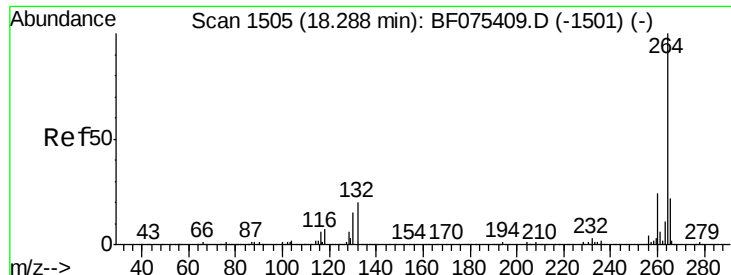
Tgt Ion:184 Resp: 296874
Ion Ratio Lower Upper
184 100
185 14.6 10.9 16.3
183 11.4 8.7 13.1



#78
Terphenyl-d14
Concen: 50.19 ng
RT: 15.16 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF075592.D
Acq: 16 Nov 2014 21:08

Tgt Ion:244 Resp: 219539
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 11.4 9.7 14.5

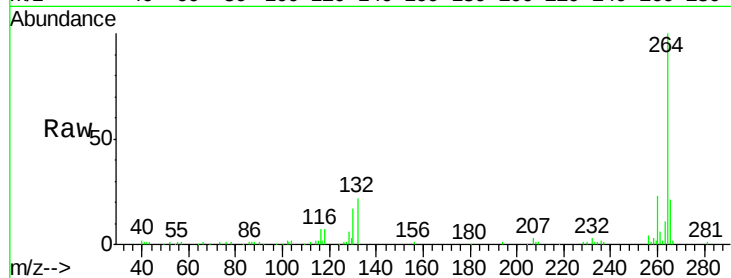




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.16 min Scan# 1494
Delta R.T. -0.08 min
Lab File: BF075592.D
Acq: 16 Nov 2014 21:08

Instrument :
BNA_F
ClientSampleId :
DS-TEMPWELL

Tgt Ion: 264 Resp: 112277
Ion Ratio Lower Upper
264 100
260 23.4 17.9 26.9
265 20.7 16.3 24.5



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

