

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085425.D
 Acq On : 14 Mar 2016 13:29
 Operator : UM/SJ
 Sample : H1744-05RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Mar 15 00:58:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

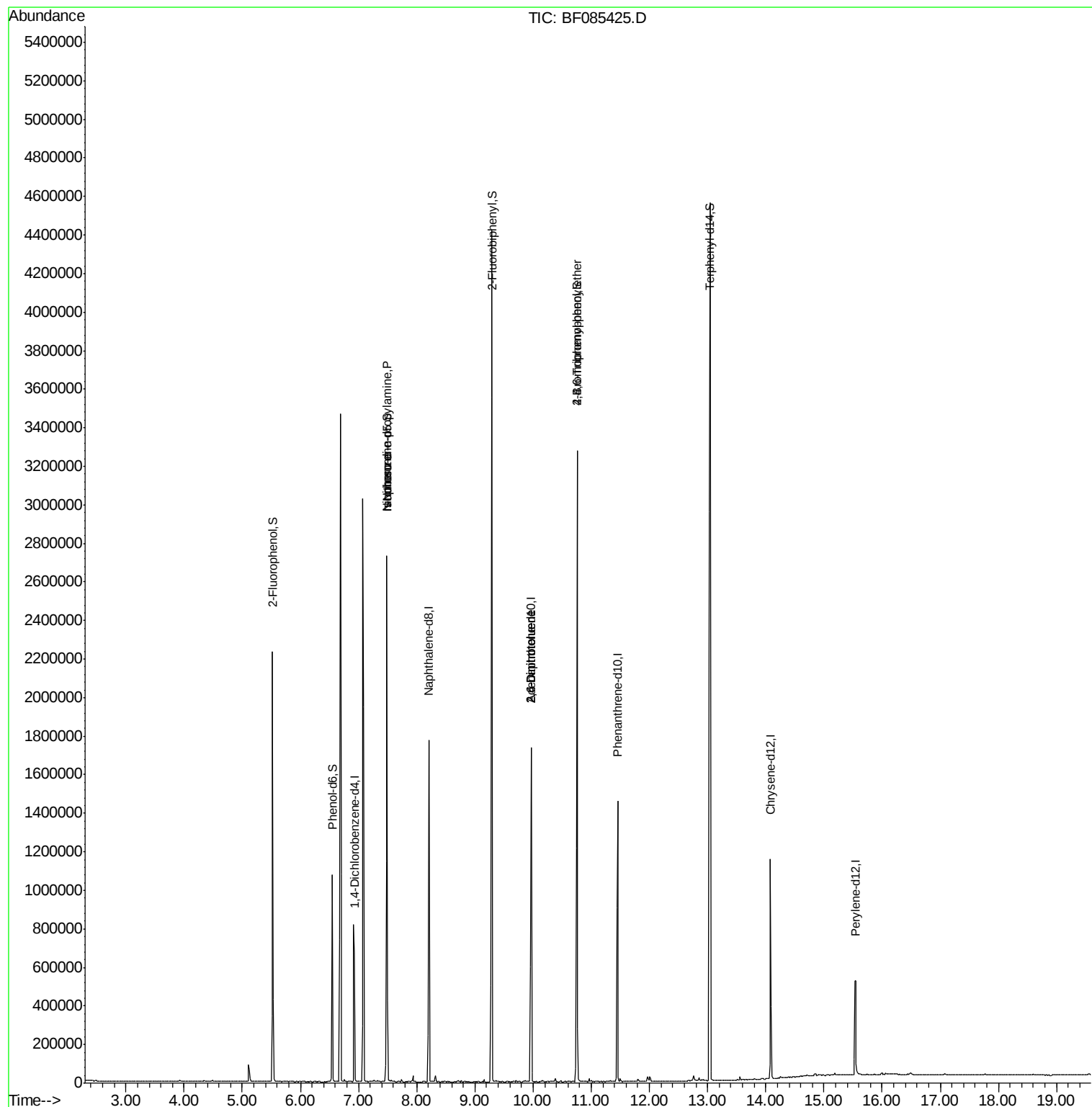
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	173700	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	725853	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	350278	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	656353	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	389349	20.00	ng	-0.07
86) Perylene-d12	15.55	264	281013	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	623157	60.18	ng	-0.06
7) Phenol-d6	6.55	99	557167	41.07	ng	-0.06
23) Nitrobenzene-d5	7.49	82	1059317	78.10	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	418418	139.60	ng	-0.06
44) 2-Fluorobiphenyl	9.29	172	1968958	85.49	ng	-0.06
78) Terphenyl-d14	13.04	244	1789436	106.69	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	141621	16.02	ng	# 77
25) Isophorone	7.49	82	758938	30.19	ng	# 67
50) 2,6-Dinitrotoluene	9.97	165	45382	7.89	ng	# 26
56) 2,4-Dinitrotoluene	9.97	165	45383	6.17	ng	# 22
66) 4-Bromophenyl-phenylether	10.76	248	29618	4.65	ng	# 1

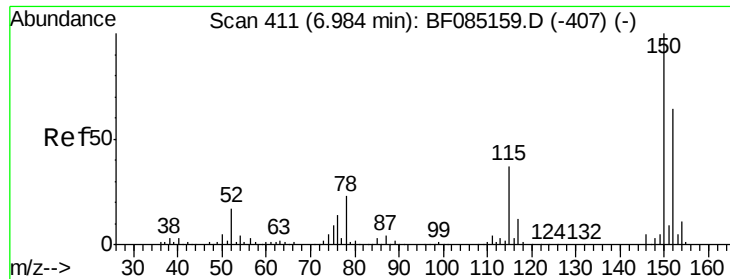
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration



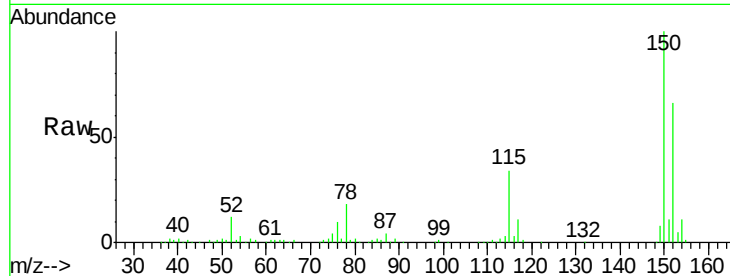


#1

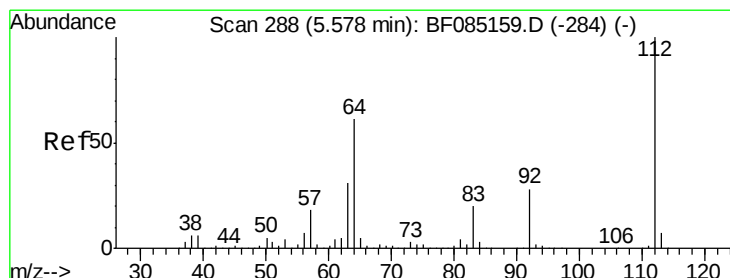
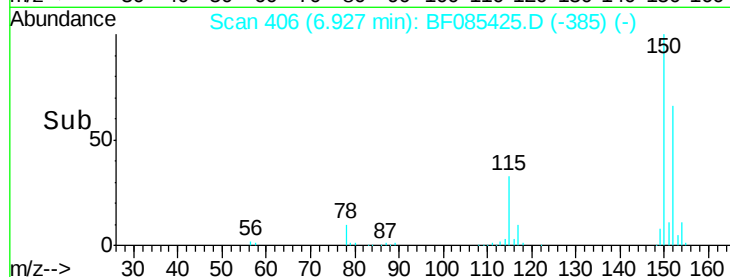
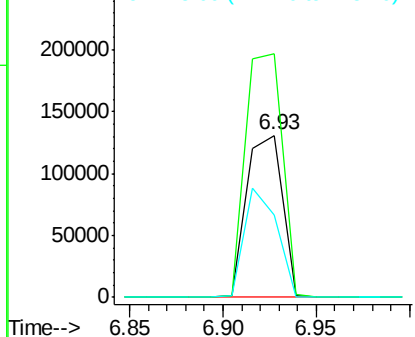
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 406
Delta R.T. -0.06 min
Lab File: BF085425.D
Acq: 14 Mar 2016 13:29

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 173700
Ion Ratio Lower Upper
152 100
150 150.6 124.6 186.8
115 51.0 46.6 70.0



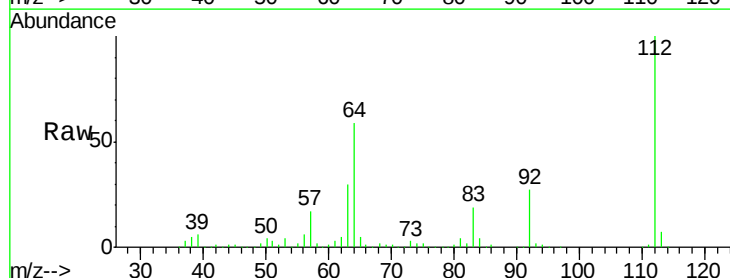
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



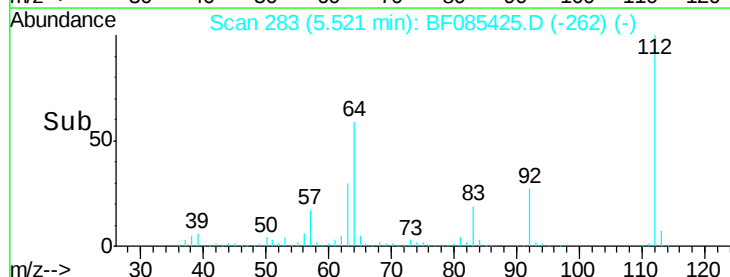
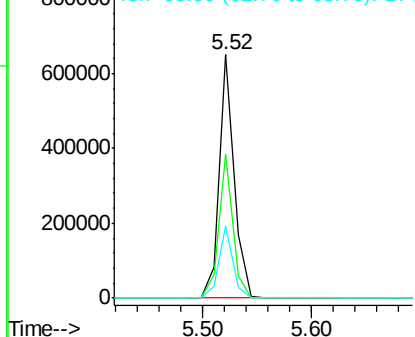
#5

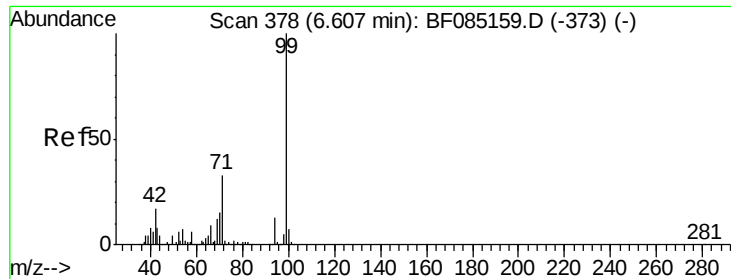
2-Fluorophenol
Concen: 60.18 ng
RT: 5.52 min Scan# 283
Delta R.T. -0.06 min
Lab File: BF085425.D
Acq: 14 Mar 2016 13:29

Tgt Ion:112 Resp: 623157
Ion Ratio Lower Upper
112 100
64 58.9 49.0 73.4
63 29.8 24.8 37.2



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: 41.07 ng

RT: 6.55 min Scan# 373

Delta R.T. -0.06 min

Lab File: BF085425.D

Acq: 14 Mar 2016 13:29

Instrument :

BNA_F

ClientSampleId :

MW-4

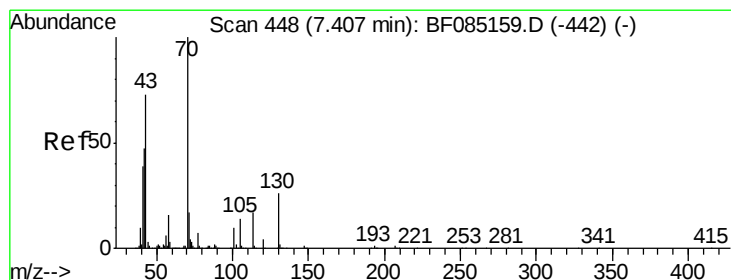
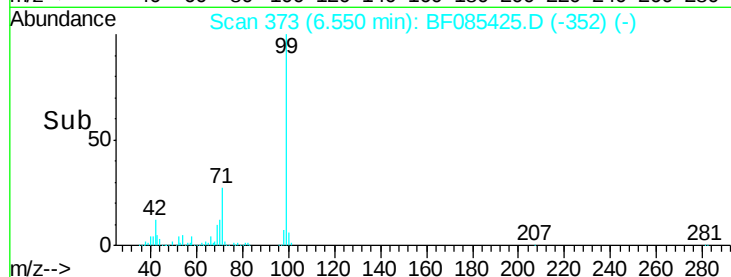
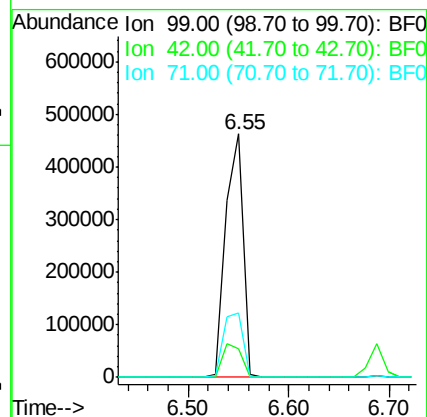
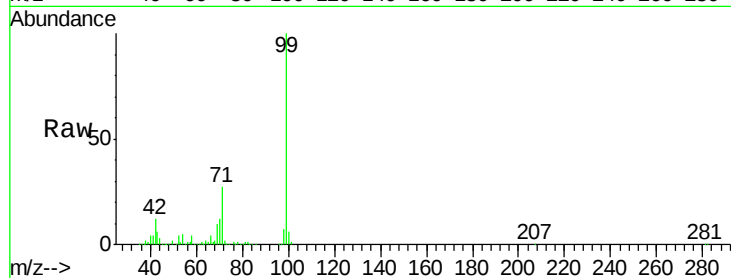
Tgt Ion: 99 Resp: 557167

Ion Ratio Lower Upper

99 100

42 11.6 13.6 20.4#

71 26.7 26.7 40.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.02 ng

RT: 7.49 min Scan# 455

Delta R.T. 0.08 min

Lab File: BF085425.D

Acq: 14 Mar 2016 13:29

Tgt Ion: 70 Resp: 141621

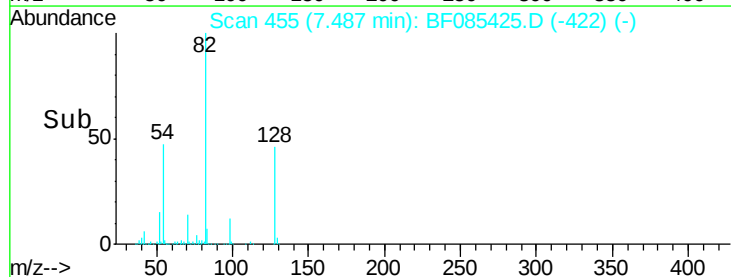
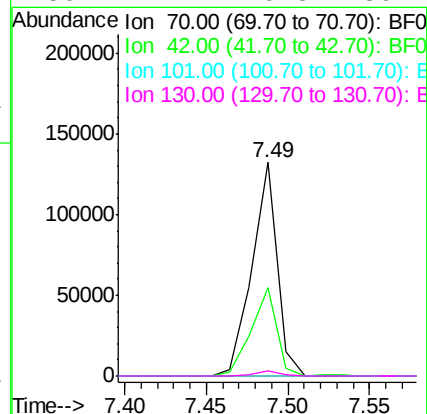
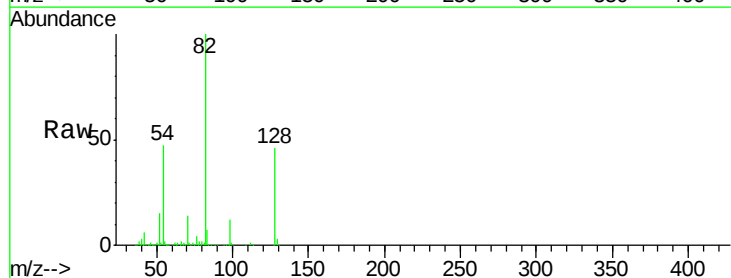
Ion Ratio Lower Upper

70 100

42 41.1 37.7 56.5

101 0.0 8.2 12.4#

130 2.2 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF085425.D

Acq: 14 Mar 2016 13:29

Instrument :

BNA_F

ClientSampled :

MW-4

Tgt Ion:136 Resp: 725853

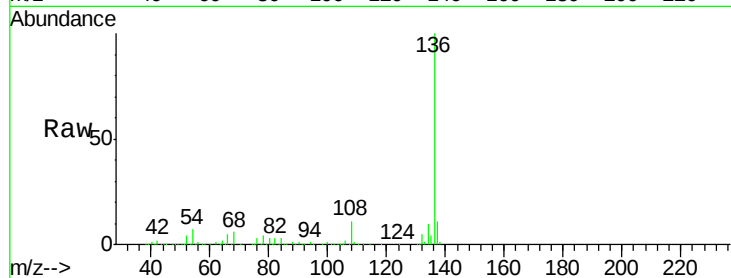
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 7.4 7.4 11.2#

68 6.1 6.0 9.0

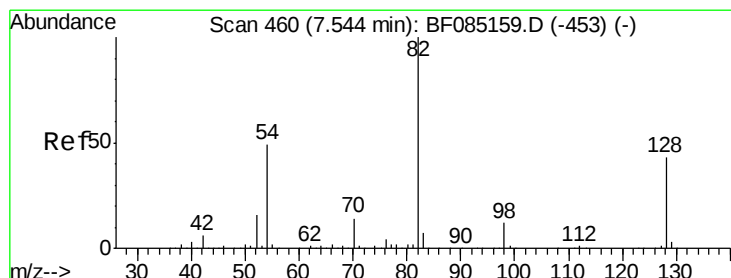
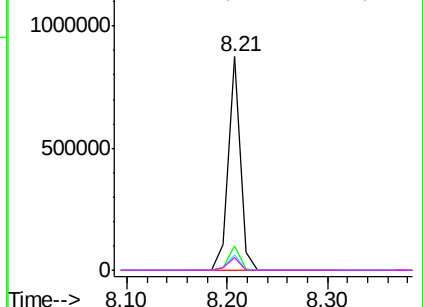
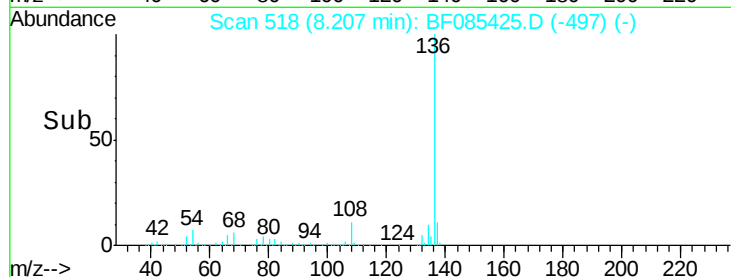


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.10 ng

RT: 7.49 min Scan# 455

Delta R.T. -0.06 min

Lab File: BF085425.D

Acq: 14 Mar 2016 13:29

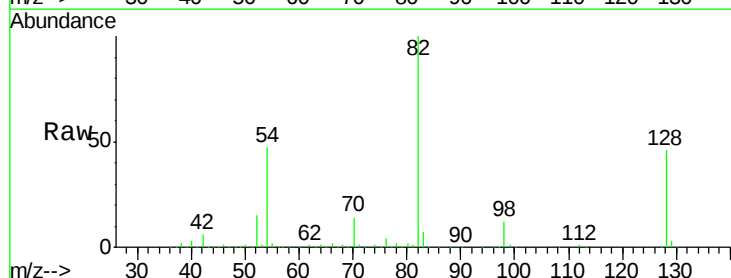
Tgt Ion: 82 Resp: 1059317

Ion Ratio Lower Upper

82 100

128 45.8 34.5 51.7

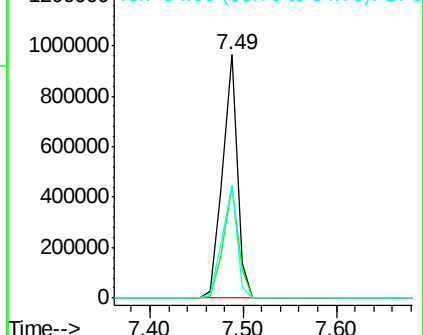
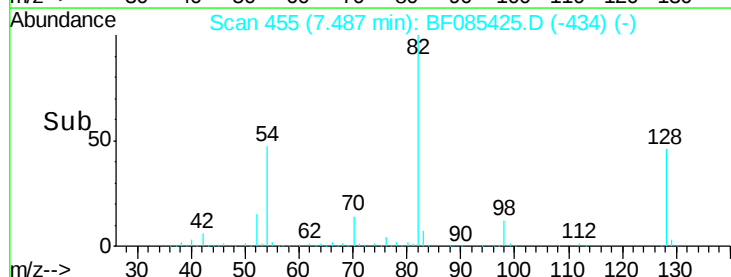
54 46.6 39.3 58.9

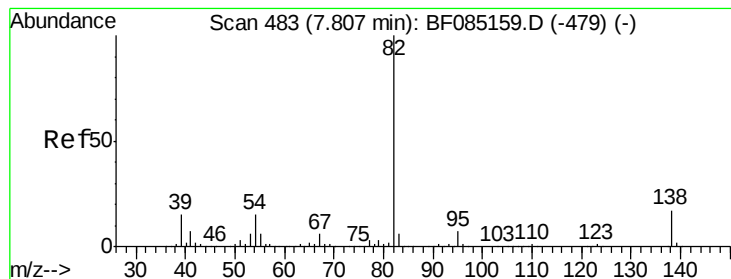


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 30.19 ng

RT: 7.49 min Scan# 455

Delta R.T. -0.32 min

Lab File: BF085425.D

Acq: 14 Mar 2016 13:29

Instrument :

BNA_F

ClientSampleId :

MW-4

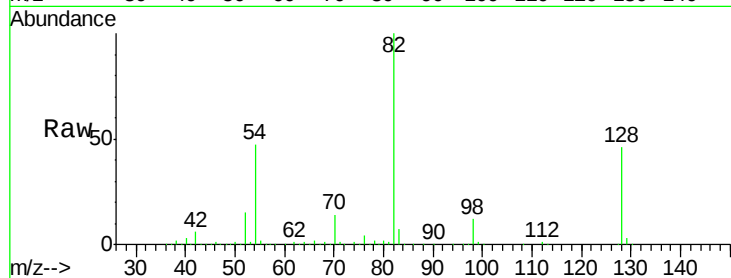
Tgt Ion: 82 Resp: 758938

Ion Ratio Lower Upper

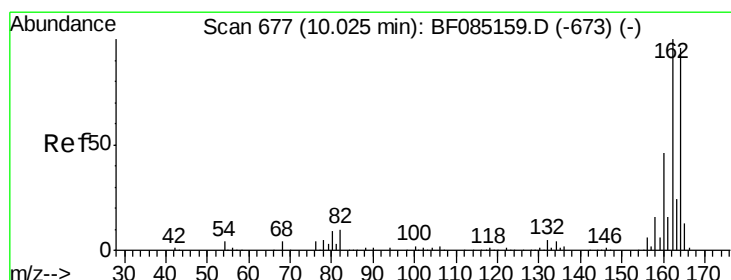
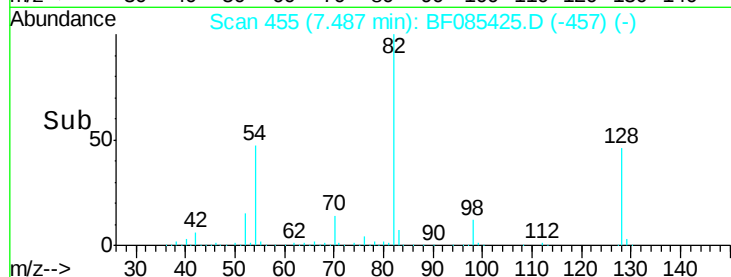
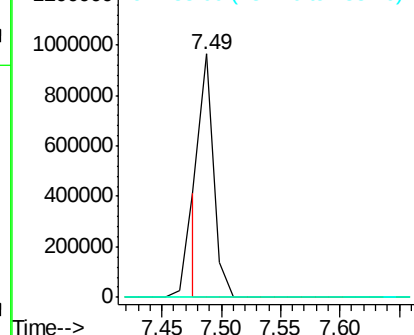
82 100

95 0.0 5.4 8.2#

138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 672

Delta R.T. -0.06 min

Lab File: BF085425.D

Acq: 14 Mar 2016 13:29

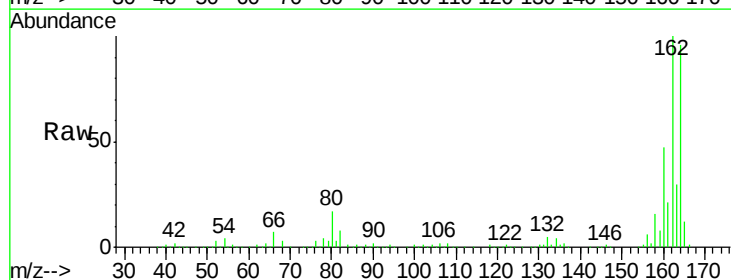
Tgt Ion: 164 Resp: 350278

Ion Ratio Lower Upper

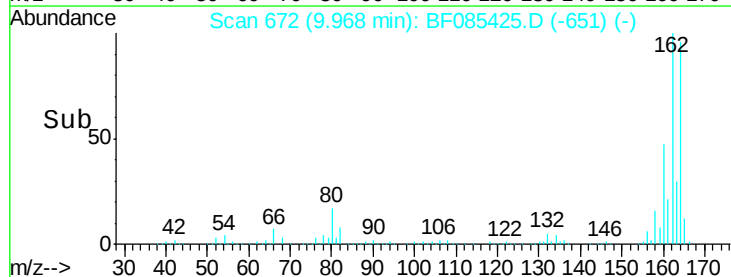
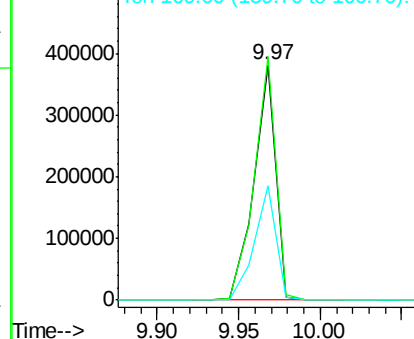
164 100

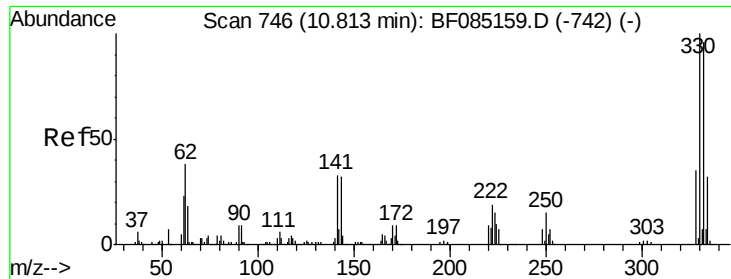
162 103.7 83.3 124.9

160 48.6 37.9 56.9



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

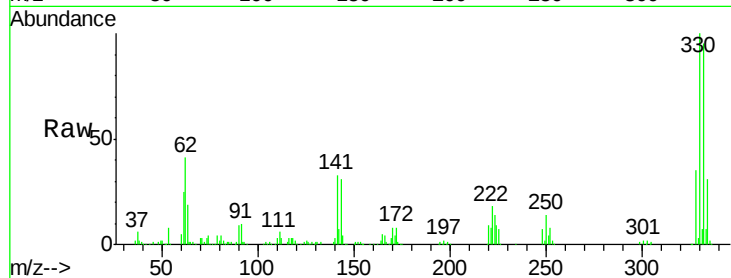




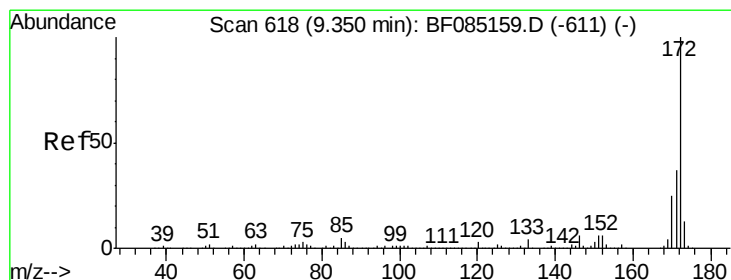
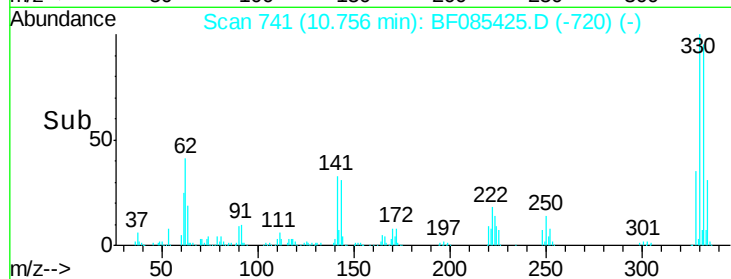
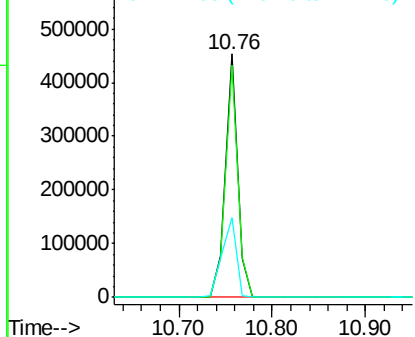
#41
 2,4,6-Tribromophenol
 Concen: 139.60 ng
 RT: 10.76 min Scan# 741
 Delta R.T. -0.06 min
 Lab File: BF085425.D
 Acq: 14 Mar 2016 13:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:330 Resp: 418418
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.1 115.7
 141 37.5 35.0 52.6

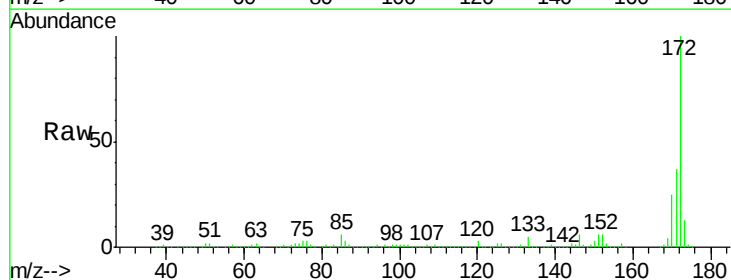


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

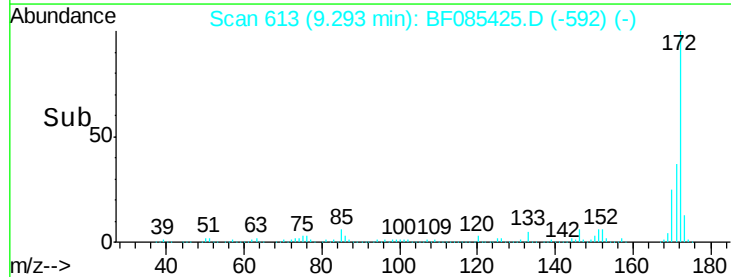
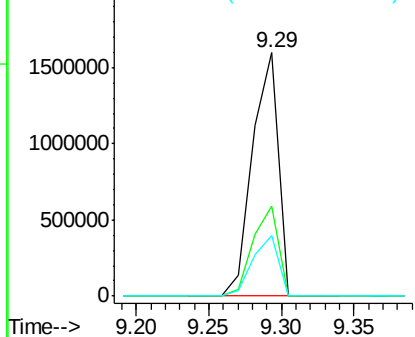


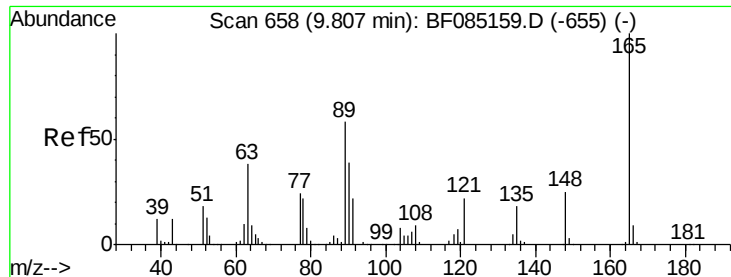
#44
 2-Fluorobiphenyl
 Concen: 85.49 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085425.D
 Acq: 14 Mar 2016 13:29

Tgt Ion:172 Resp: 1968958
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.3 43.9
 170 25.0 20.0 30.0



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

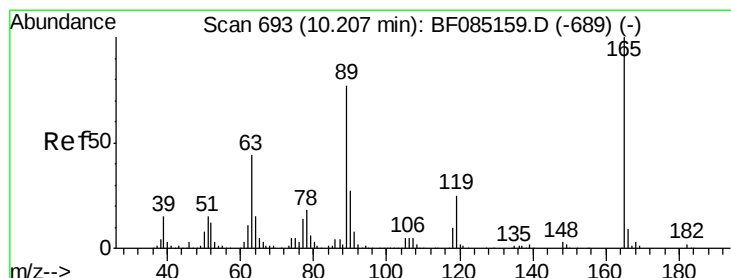
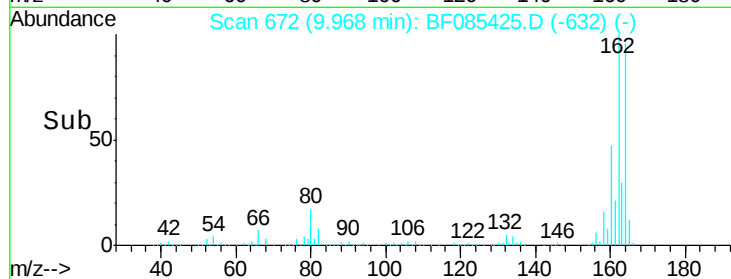
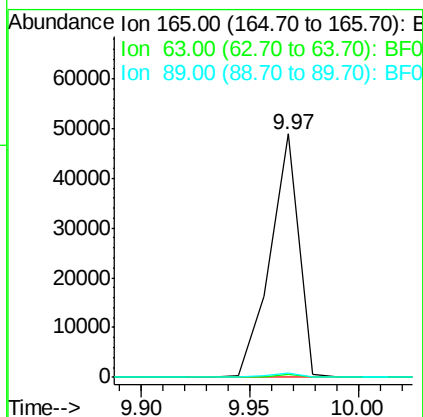
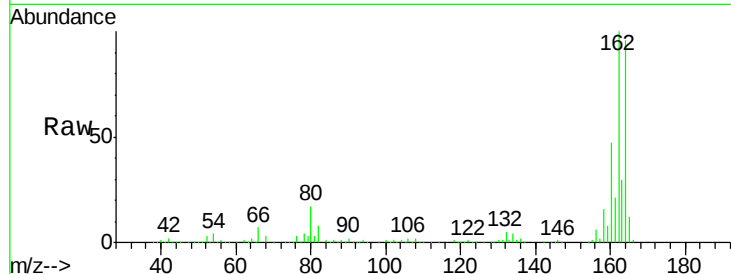




#50
 2,6-Dinitrotoluene
 Concen: 7.89 ng
 RT: 9.97 min Scan# 672
 Delta R.T. 0.16 min
 Lab File: BF085425.D
 Acq: 14 Mar 2016 13:29

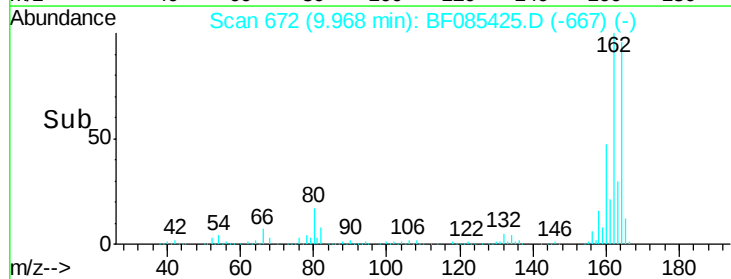
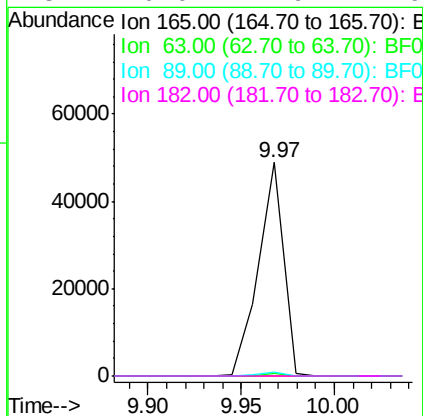
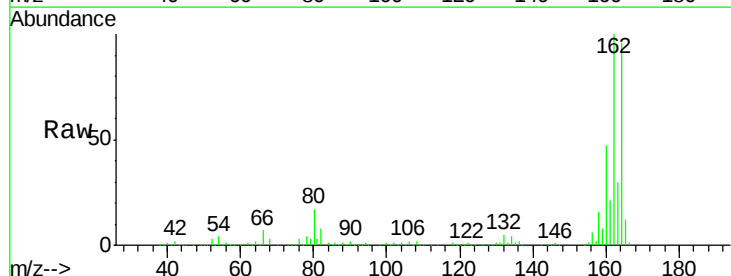
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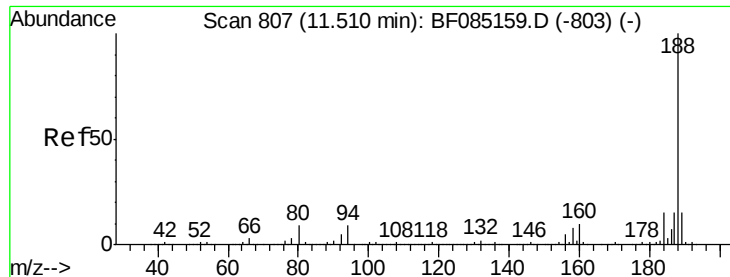
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.8	62.8#
89	1.6	46.7	70.1#



#56
 2,4-Dinitrotoluene
 Concen: 6.17 ng
 RT: 9.97 min Scan# 672
 Delta R.T. -0.24 min
 Lab File: BF085425.D
 Acq: 14 Mar 2016 13:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.4	53.0#
89	1.6	61.9	92.9#
182	0.0	1.9	2.9#

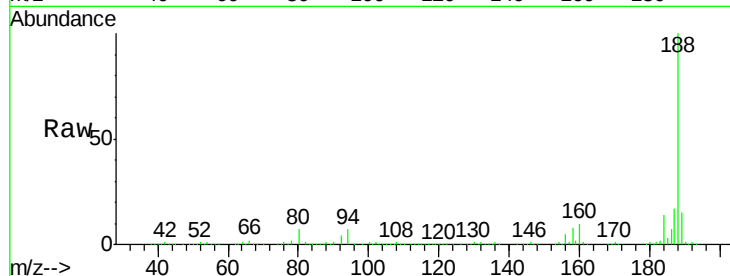




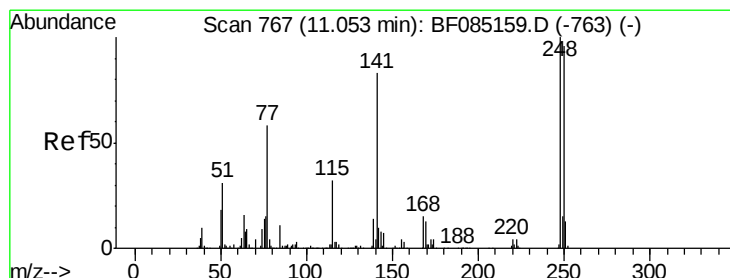
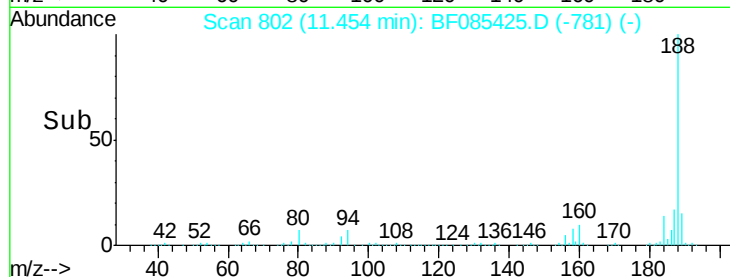
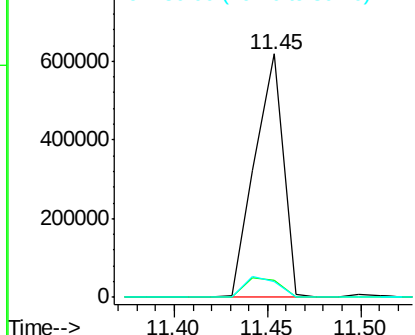
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 802
 Delta R.T. -0.06 min
 Lab File: BF085425.D
 Acq: 14 Mar 2016 13:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:188 Resp: 656353
 Ion Ratio Lower Upper
 188 100
 94 6.8 7.0 10.6#
 80 6.6 7.4 11.0#

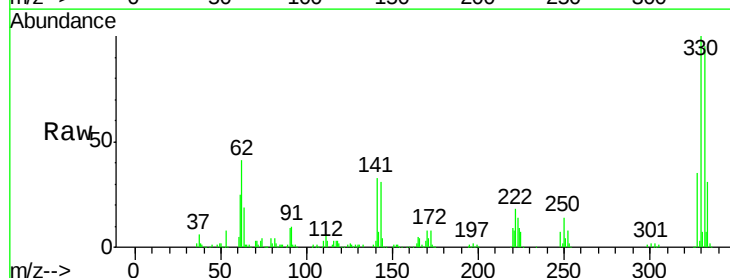


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

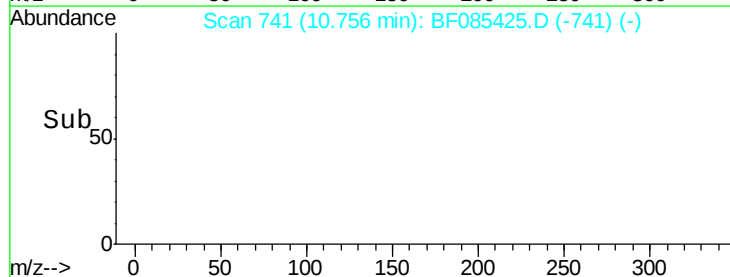
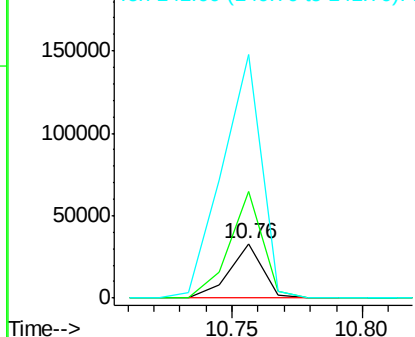


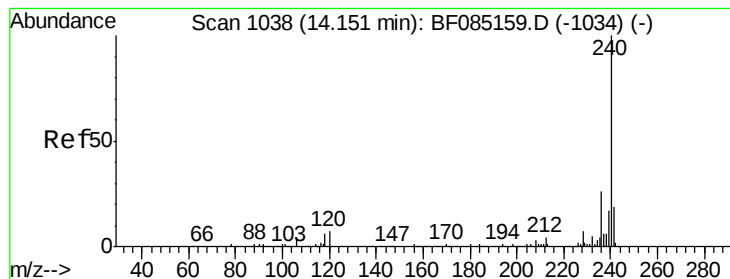
#66
 4-Bromophenyl-phenylether
 Concen: 4.65 ng
 RT: 10.76 min Scan# 741
 Delta R.T. -0.30 min
 Lab File: BF085425.D
 Acq: 14 Mar 2016 13:29

Tgt Ion:248 Resp: 29618
 Ion Ratio Lower Upper
 248 100
 250 197.0 77.1 115.7#
 141 447.4 66.2 99.2#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.07 min

Lab File: BF085425.D

Acq: 14 Mar 2016 13:29

Instrument :

BNA_F

ClientSampleId :

MW-4

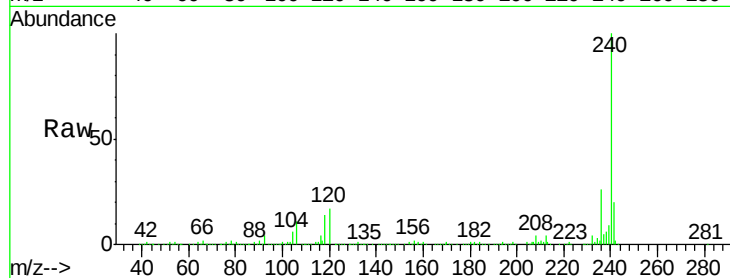
Tgt Ion:240 Resp: 389349

Ion Ratio Lower Upper

240 100

120 16.6 5.3 7.9#

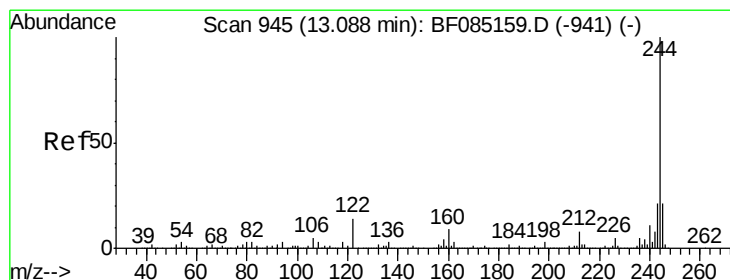
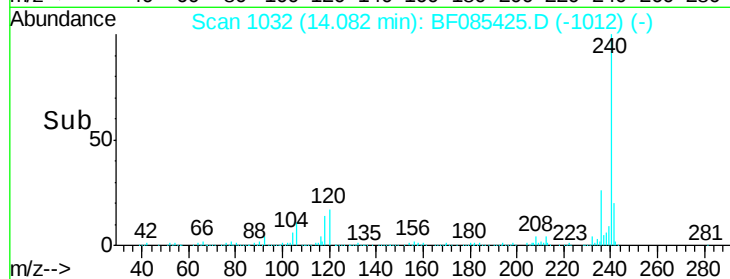
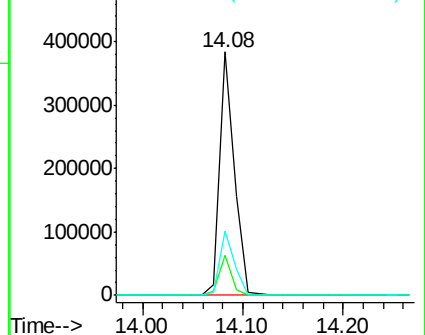
236 26.3 20.7 31.1



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: 106.69 ng

RT: 13.04 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF085425.D

Acq: 14 Mar 2016 13:29

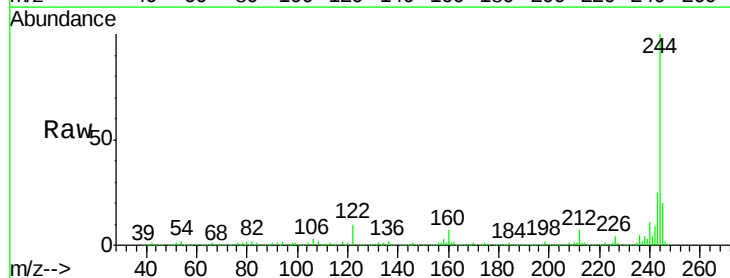
Tgt Ion:244 Resp: 1789436

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

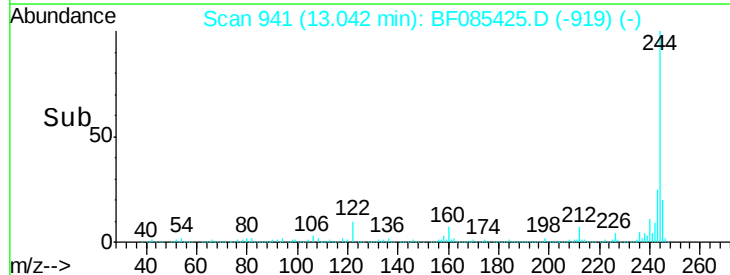
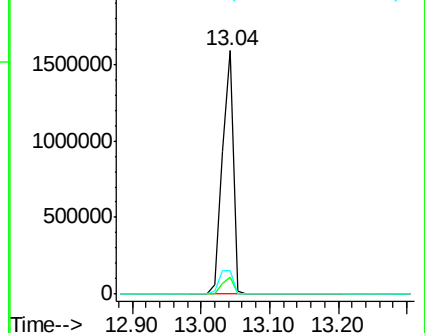
122 9.5 11.4 17.2#

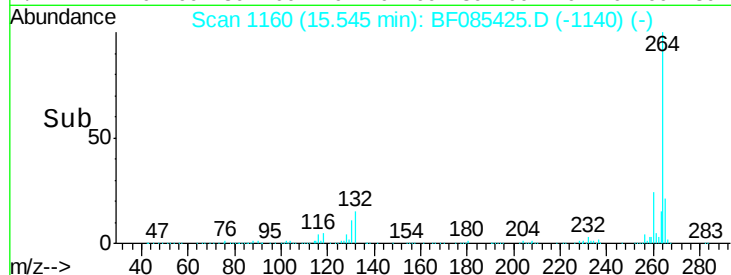
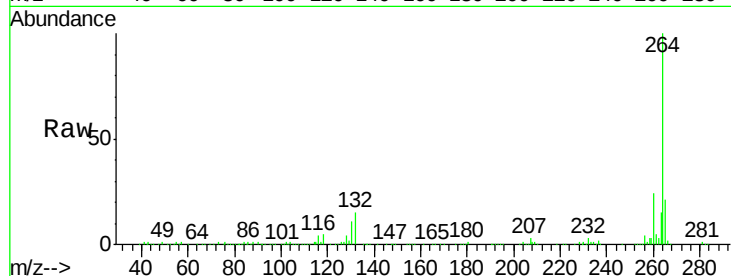
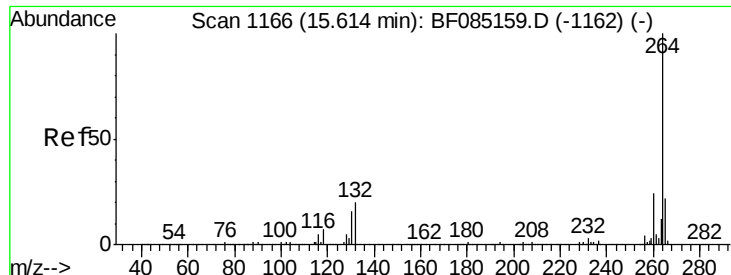


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.07 min
Lab File: BF085425.D
Acq: 14 Mar 2016 13:29

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 264 Resp: 281013
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.0 17.3 25.9

