

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085270.D
 Acq On : 8 Mar 2016 22:07
 Operator : UM/SJ
 Sample : H1699-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTECHAR(COMPOSITE)

Quant Time: Mar 09 00:06:41 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

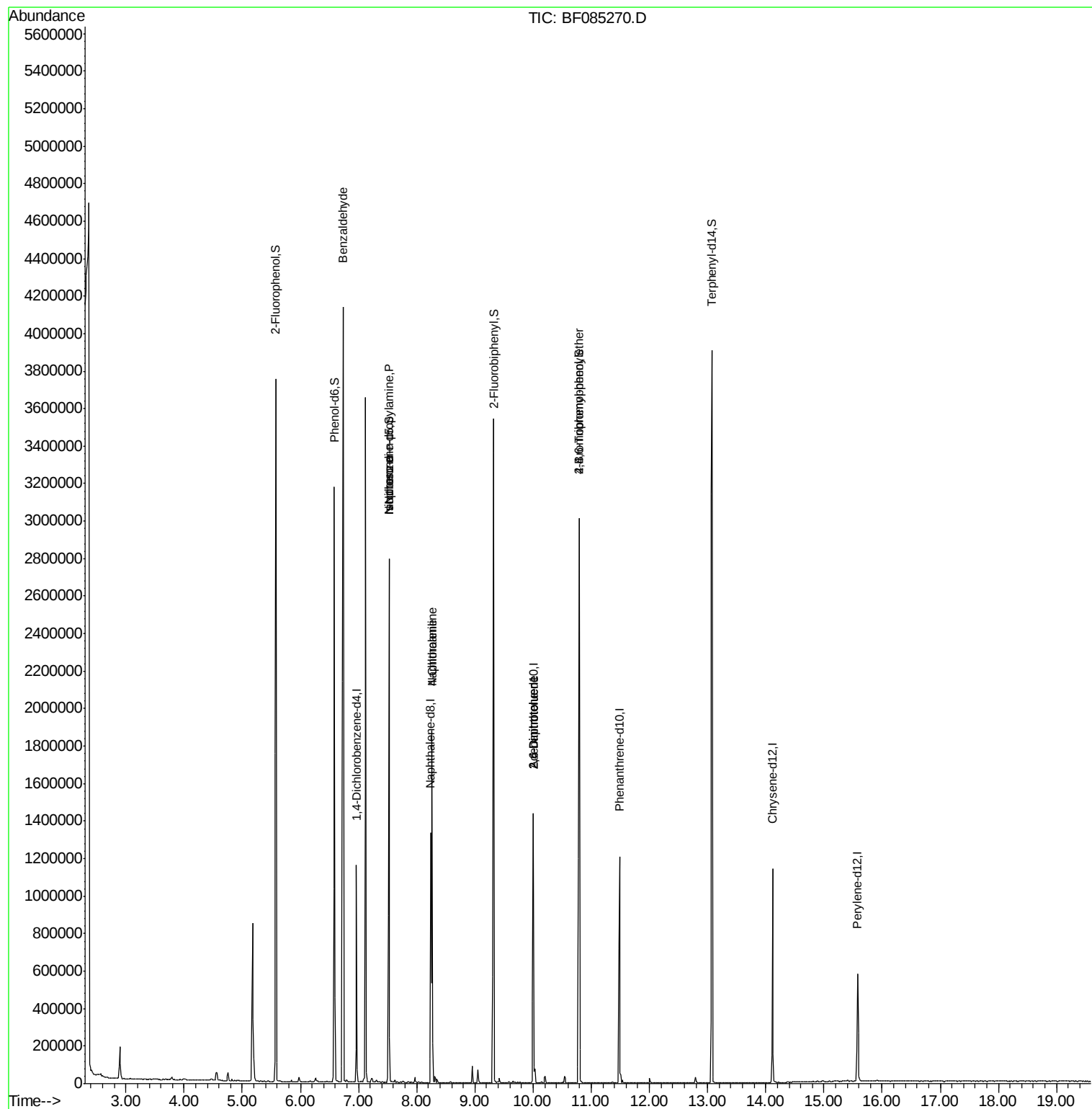
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	159753	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	599347	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	288685	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	538828	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	356518	20.00	ng	-0.03
86) Perylene-d12	15.58	264	258252	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1164742	122.30	ng	0.00
7) Phenol-d6	6.58	99	1232589	98.78	ng	-0.02
23) Nitrobenzene-d5	7.52	82	949112	84.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	367873	148.93	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1747668	92.07	ng	-0.02
78) Terphenyl-d14	13.08	244	1696334	110.45	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	30479	2.34	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.52	70	127363	15.66	ng	# 79
25) Isophorone	7.52	82	726967	35.02	ng	# 67
31) Naphthalene	8.26	128	795128	26.98	ng	98
33) 4-Chloroaniline	8.26	127	105003	8.81	ng	# 32
50) 2,6-Dinitrotoluene	10.00	165	37734	7.96	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	37727	6.22	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	26881	5.14	ng	# 1

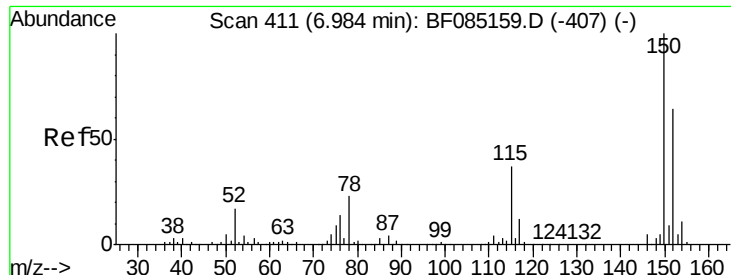
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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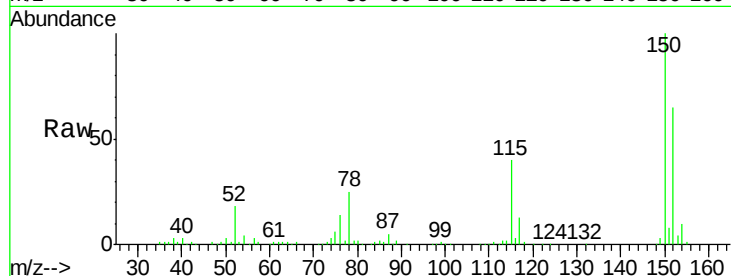




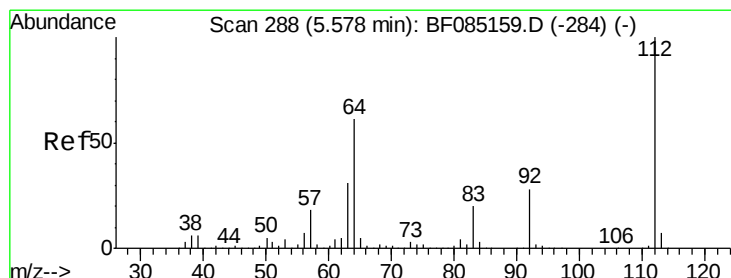
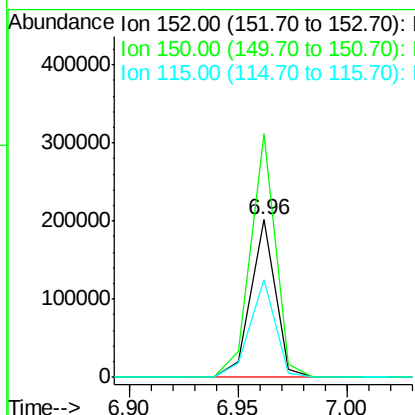
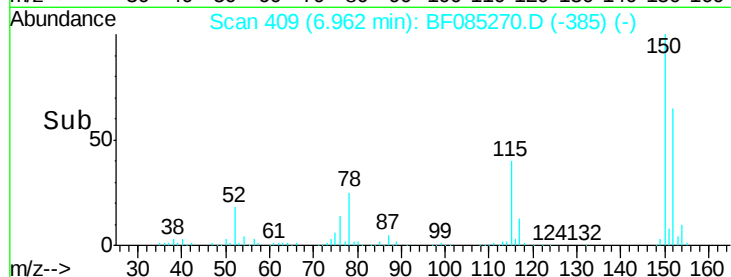
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF085270.D
 Acq: 8 Mar 2016 22:07

Instrument :
 BNA_F
 ClientSampleId :
 WASTECHAR(COMPOSITE)

Tgt Ion:152 Resp: 159753
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.6 186.8
 115 61.6 46.6 70.0

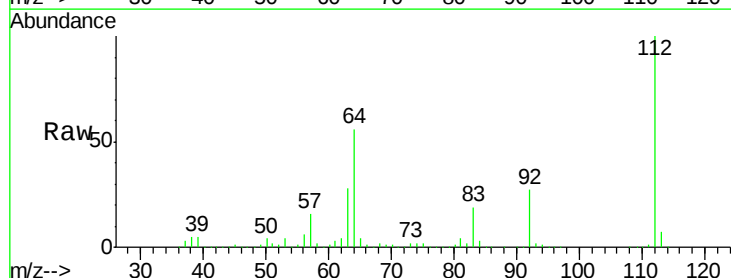


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

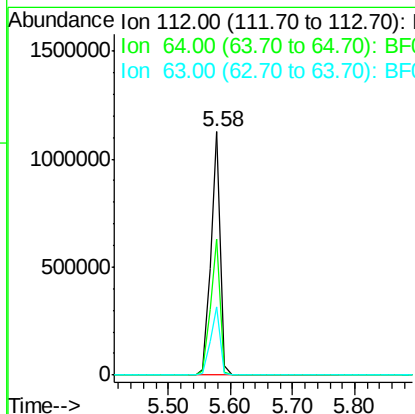
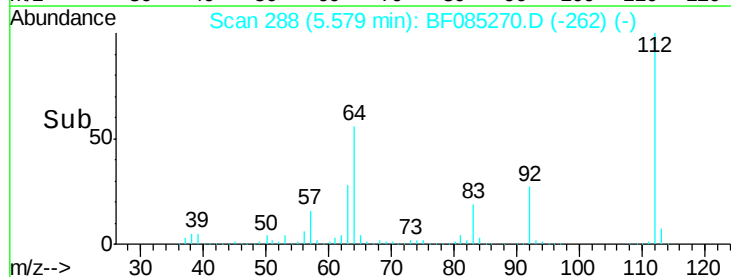


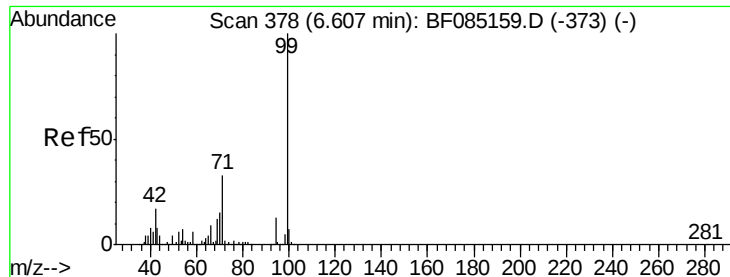
#5
 2-Fluorophenol
 Concen: 122.30 ng
 RT: 5.58 min Scan# 288
 Delta R.T. 0.00 min
 Lab File: BF085270.D
 Acq: 8 Mar 2016 22:07

Tgt Ion:112 Resp: 1164742
 Ion Ratio Lower Upper
 112 100
 64 55.8 49.0 73.4
 63 28.1 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: 98.78 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085270.D

Acq: 8 Mar 2016 22:07

Instrument :

BNA_F

ClientSampleId :

WASTECHAR(COMPOSITE)

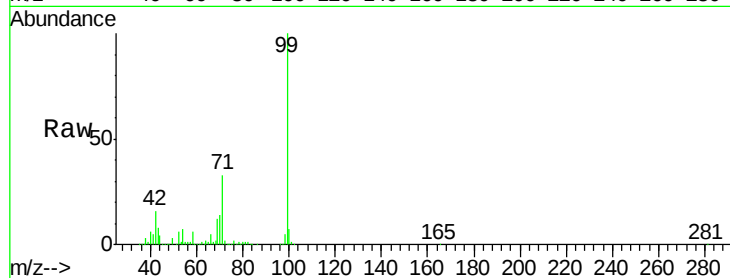
Tgt Ion: 99 Resp: 1232589

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

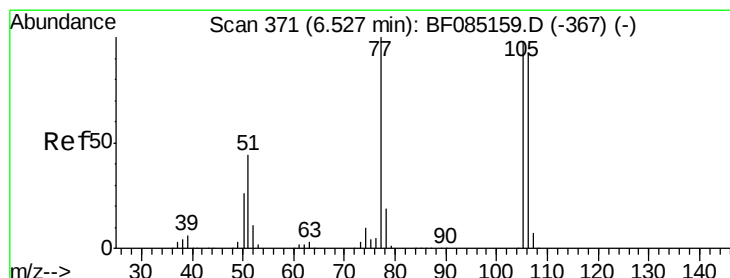
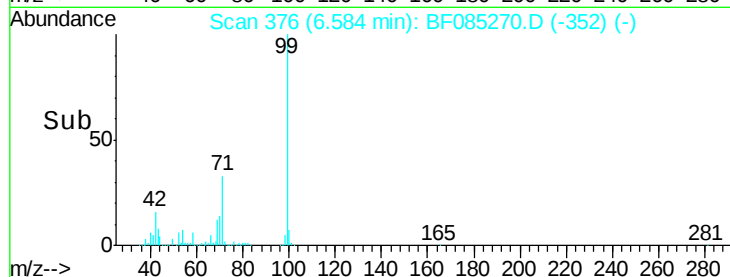
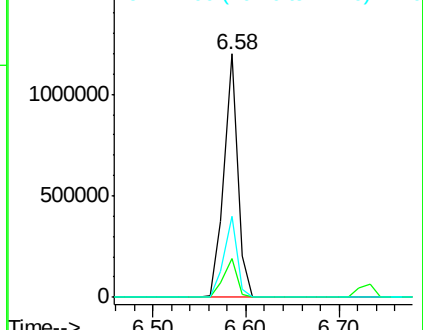
71 33.2 26.7 40.1



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



#9

Benzaldehyde

Concen: 2.34 ng

RT: 6.73 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF085270.D

Acq: 8 Mar 2016 22:07

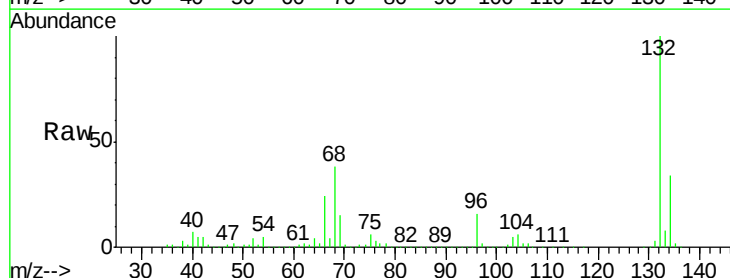
Tgt Ion: 77 Resp: 30479

Ion Ratio Lower Upper

77 100

105 84.8 78.2 118.2

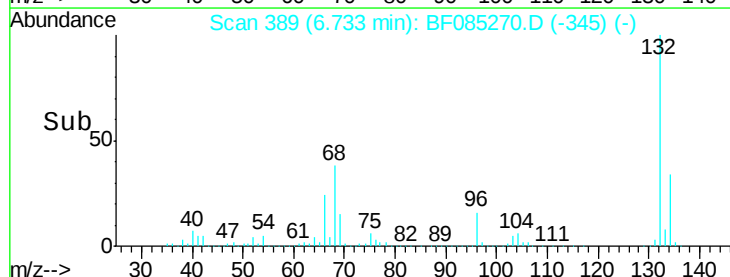
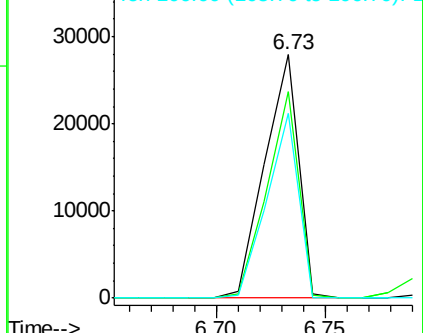
106 75.9 72.9 112.9

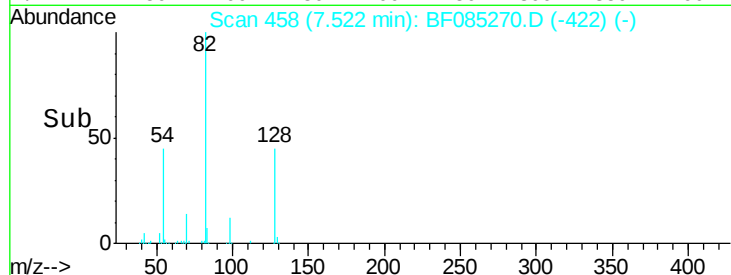
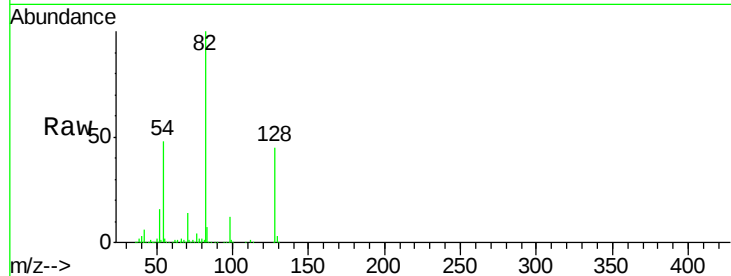
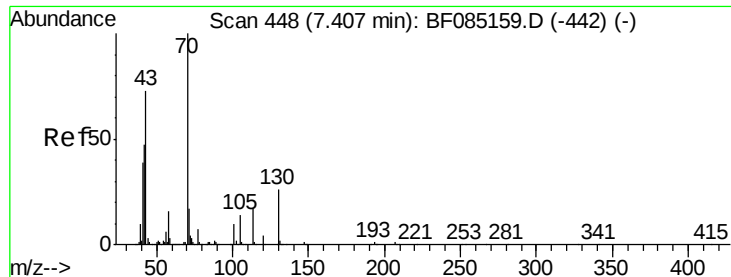


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

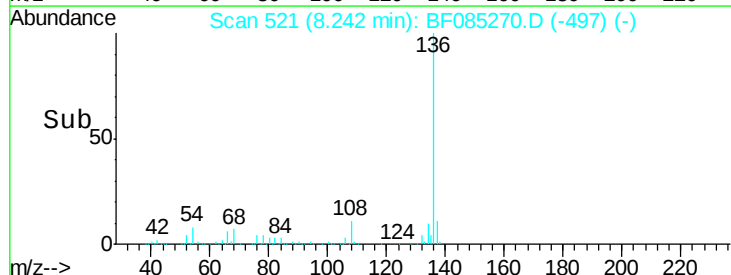
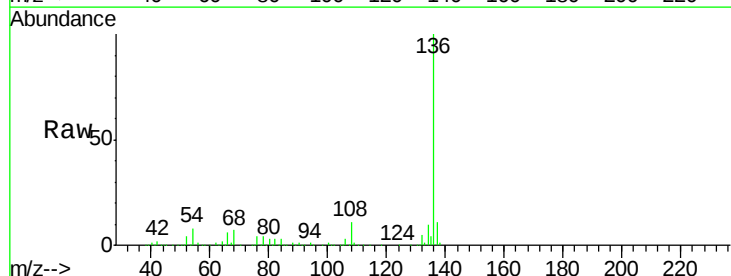
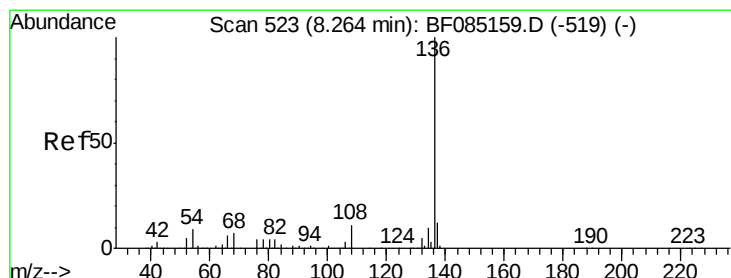
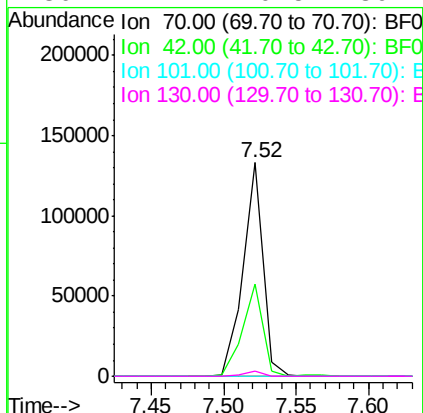




#19
n-Nitroso-di-n-propylamine
Concen: 15.66 ng
RT: 7.52 min Scan# 458
Delta R.T. 0.11 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

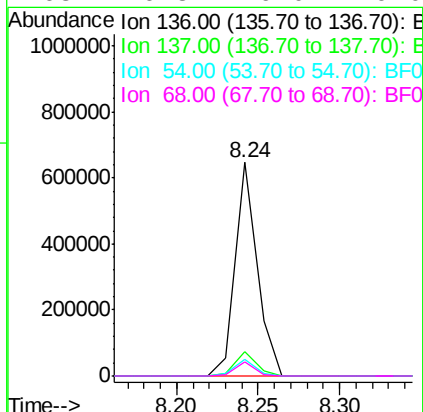
Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

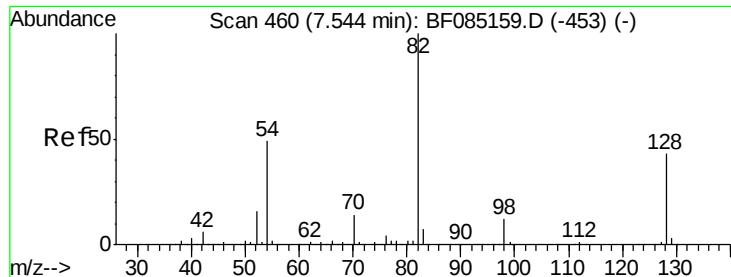
Tgt Ion: 70 Resp: 127363
Ion Ratio Lower Upper
70 100
42 43.2 37.7 56.5
101 0.0 8.2 12.4#
130 2.2 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

Tgt Ion: 136 Resp: 599347
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 8.1 7.4 11.2
68 6.8 6.0 9.0

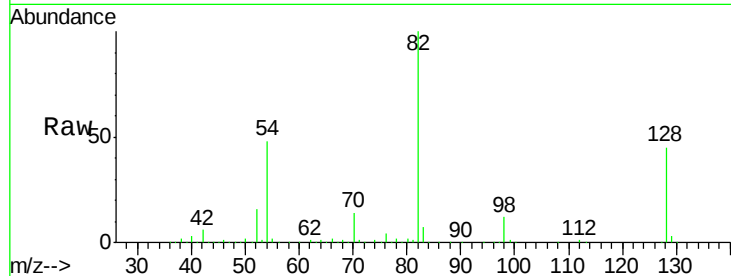




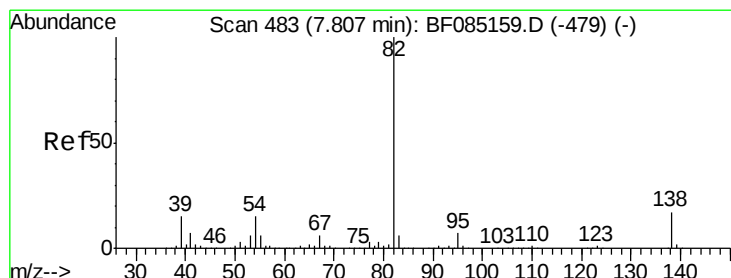
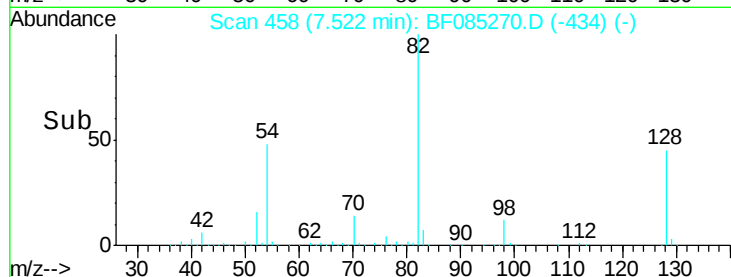
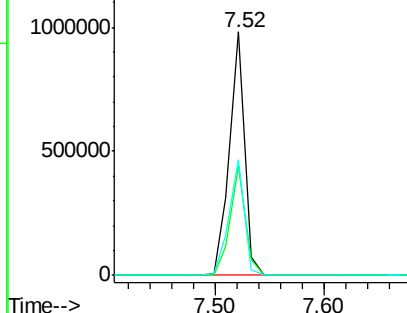
#23
Nitrobenzene-d5
Concen: 84.74 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

Tgt Ion: 82 Resp: 949112
Ion Ratio Lower Upper
82 100
128 45.1 34.5 51.7
54 47.7 39.3 58.9

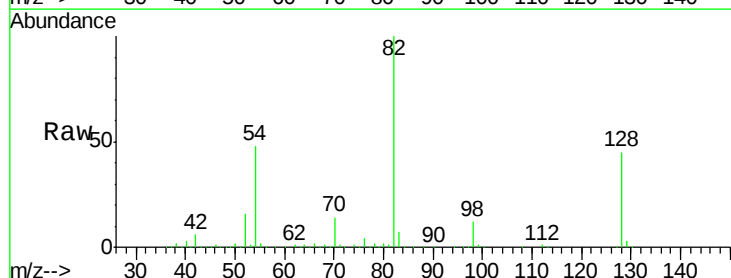


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

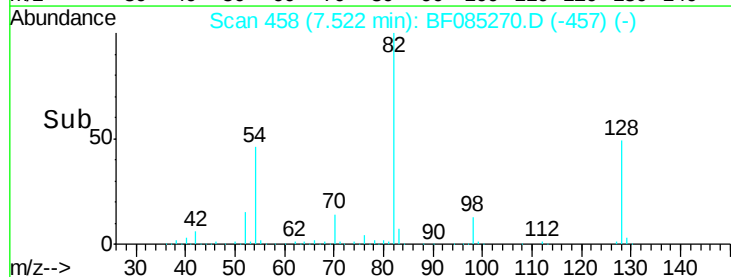
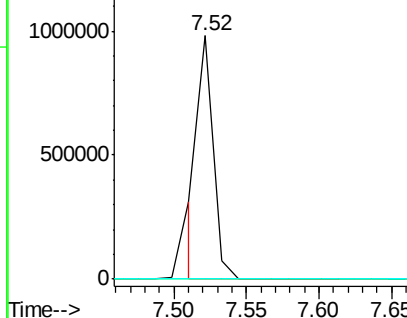


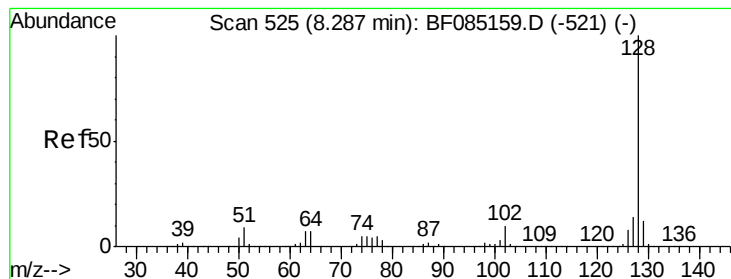
#25
Isophorone
Concen: 35.02 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.29 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

Tgt Ion: 82 Resp: 726967
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): BF0





#31

Naphthalene

Concen: 26.98 ng

RT: 8.26 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF085270.D

Acq: 8 Mar 2016 22:07

Instrument :

BNA_F

ClientSampleId :

WASTECHAR(COMPOSITE)

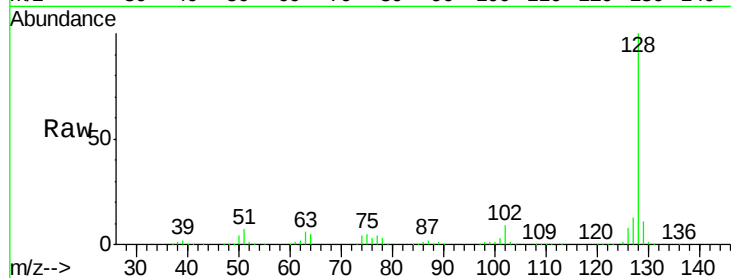
Tgt Ion:128 Resp: 795128

Ion Ratio Lower Upper

128 100

129 11.3 9.7 14.5

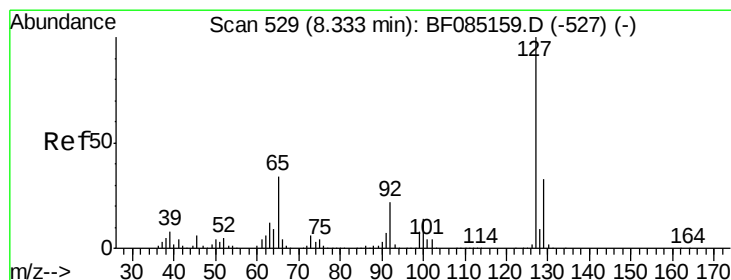
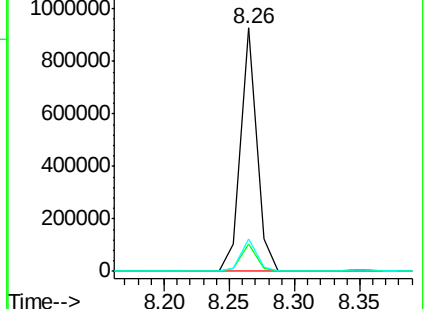
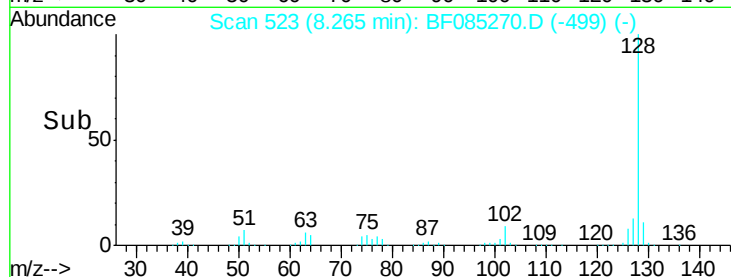
127 13.4 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 8.81 ng

RT: 8.26 min Scan# 523

Delta R.T. -0.07 min

Lab File: BF085270.D

Acq: 8 Mar 2016 22:07

Tgt Ion:127 Resp: 105003

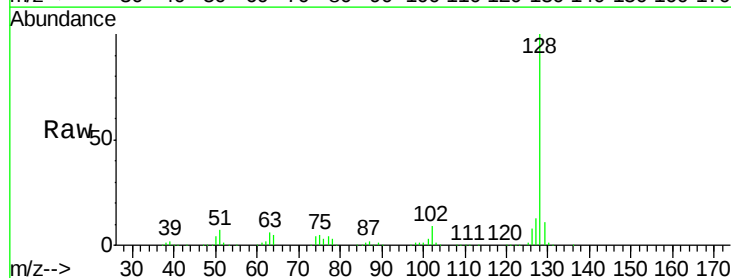
Ion Ratio Lower Upper

127 100

129 84.4 26.1 39.1#

65 0.0 27.0 40.6#

92 0.0 17.4 26.0#

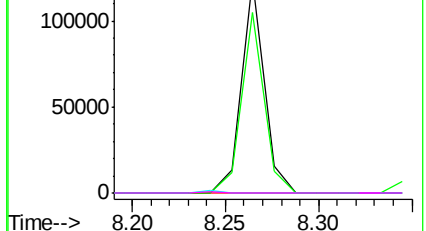
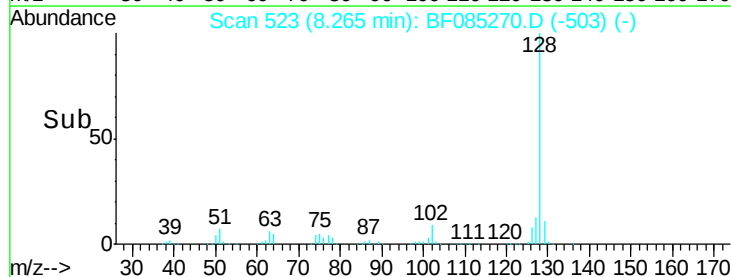


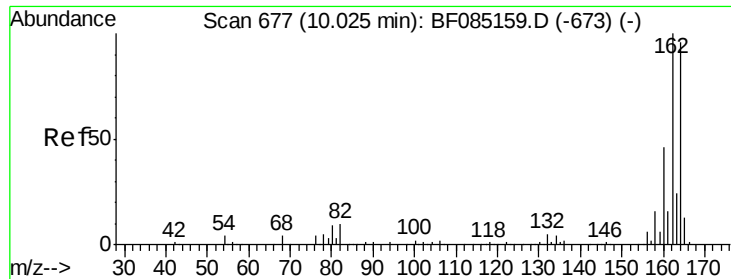
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

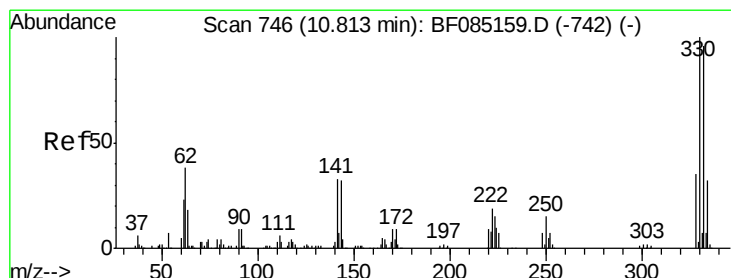
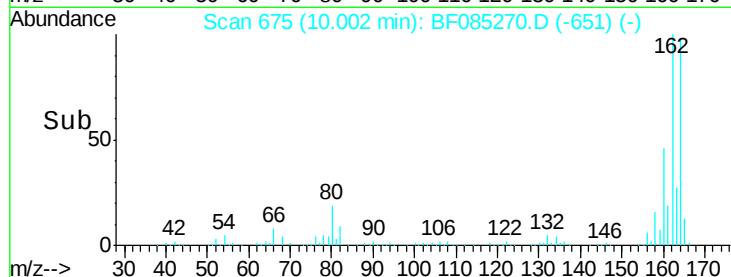
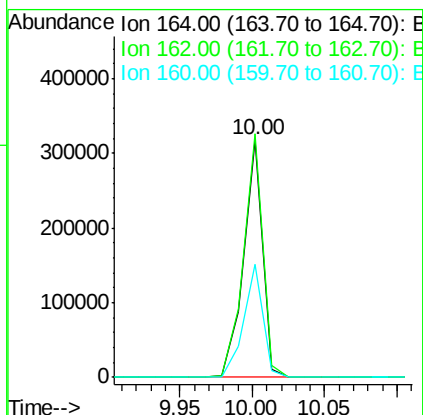
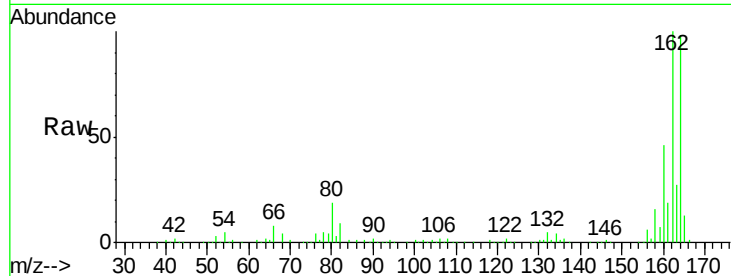




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085270.D
 Acq: 8 Mar 2016 22:07

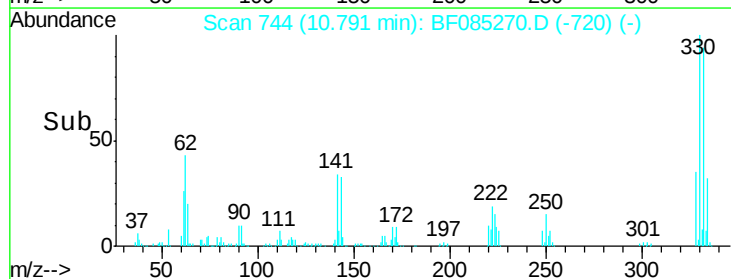
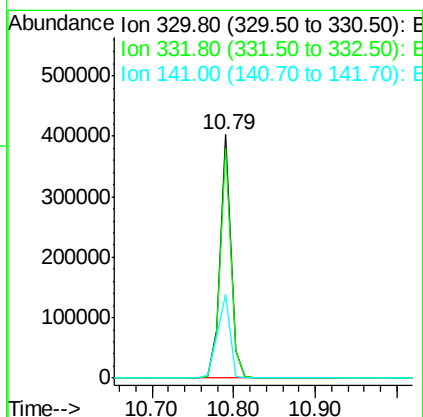
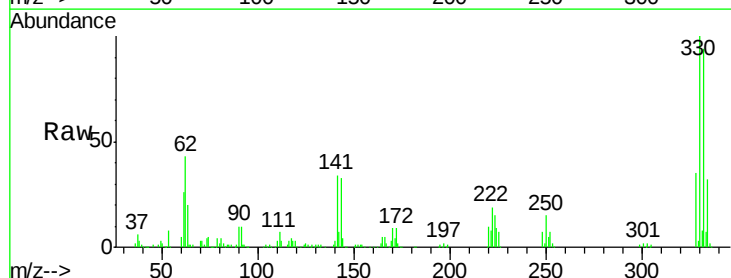
Instrument :
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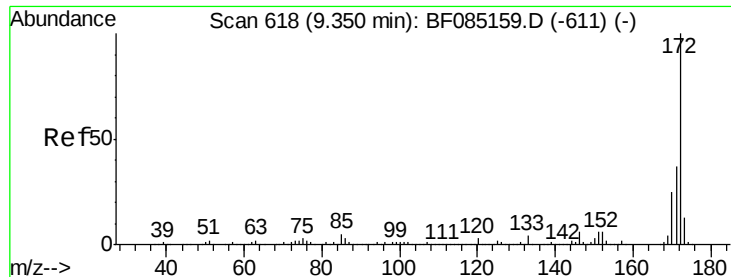
Tgt Ion:164 Resp: 288685
 Ion Ratio Lower Upper
 164 100
 162 102.5 83.3 124.9
 160 47.4 37.9 56.9



#41
 2,4,6-Tribromophenol
 Concen: 148.93 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085270.D
 Acq: 8 Mar 2016 22:07

Tgt Ion:330 Resp: 367873
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.1 115.7
 141 40.8 35.0 52.6

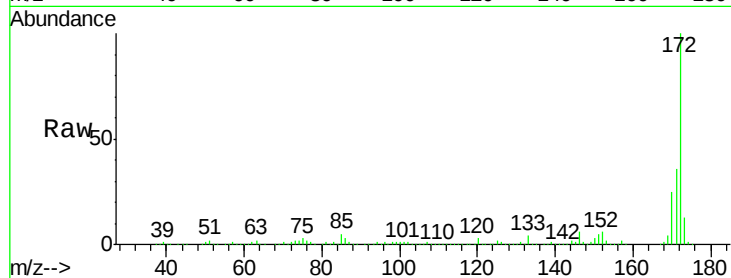




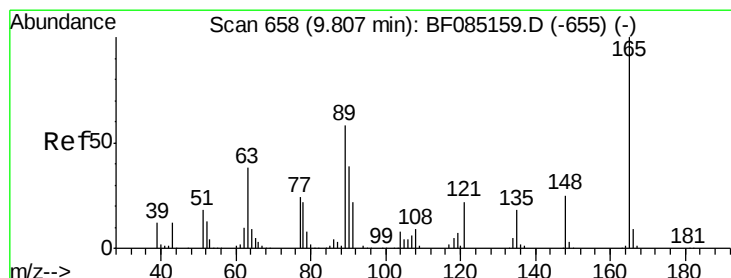
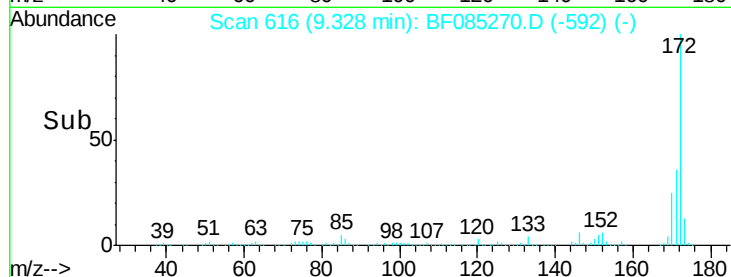
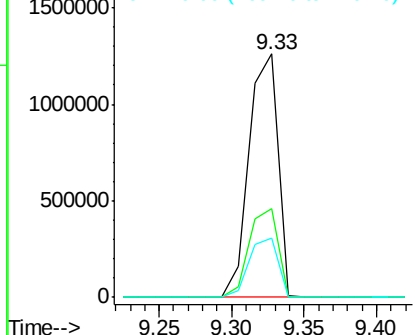
#44
 2-Fluorobiphenyl
 Concen: 92.07 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085270.D
 Acq: 8 Mar 2016 22:07

Instrument :
 BNA_F
 ClientSampleId :
 WASTECHAR(COMPOSITE)

Tgt Ion:172 Resp: 1747668
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.3 43.9
 170 24.6 20.0 30.0

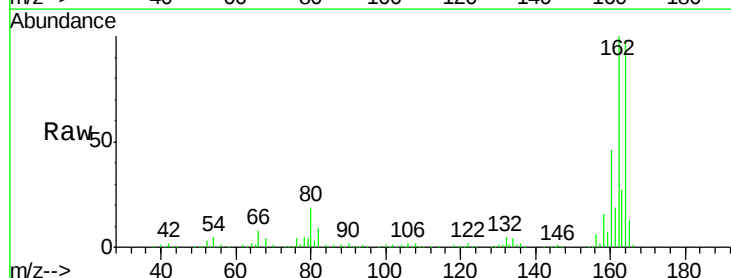


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

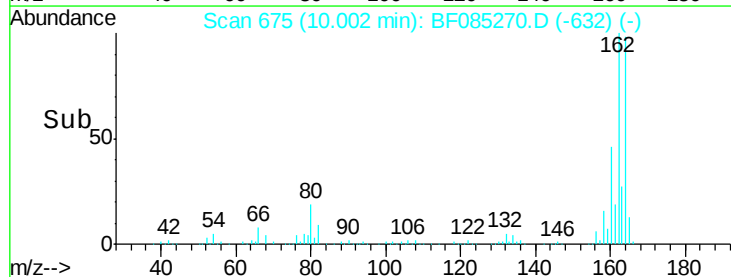
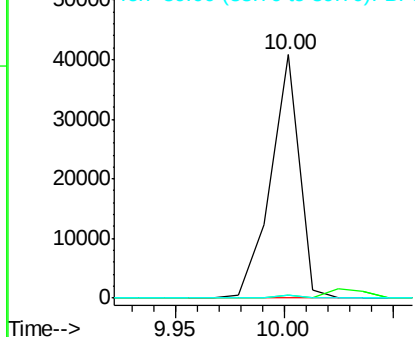


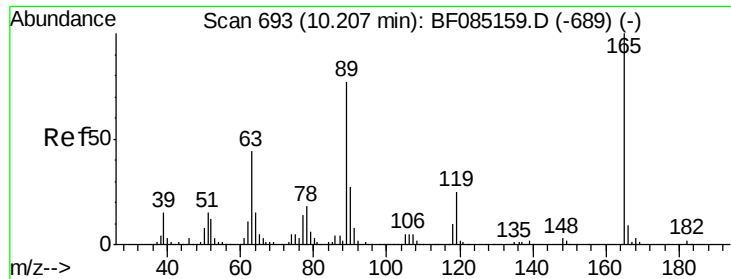
#50
 2,6-Dinitrotoluene
 Concen: 7.96 ng
 RT: 10.00 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF085270.D
 Acq: 8 Mar 2016 22:07

Tgt Ion:165 Resp: 37734
 Ion Ratio Lower Upper
 165 100
 63 1.3 41.8 62.8#
 89 1.5 46.7 70.1#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

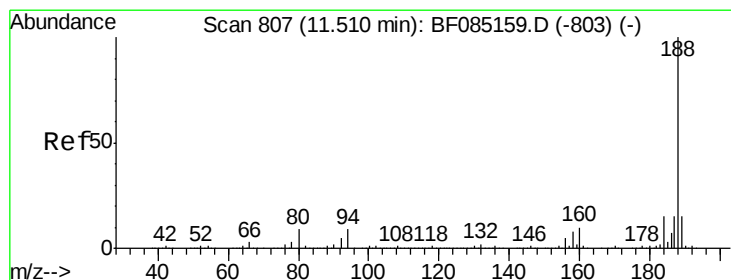
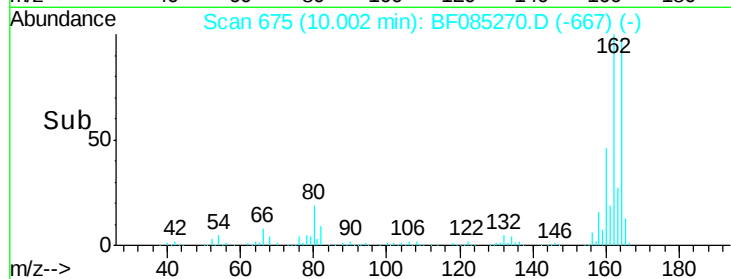
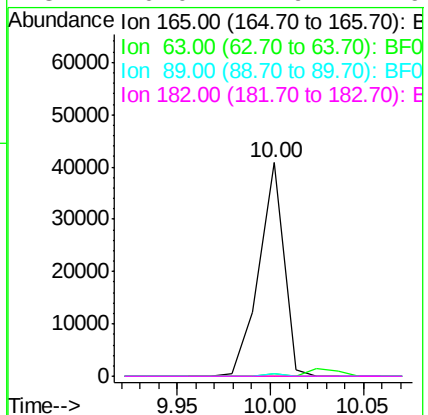
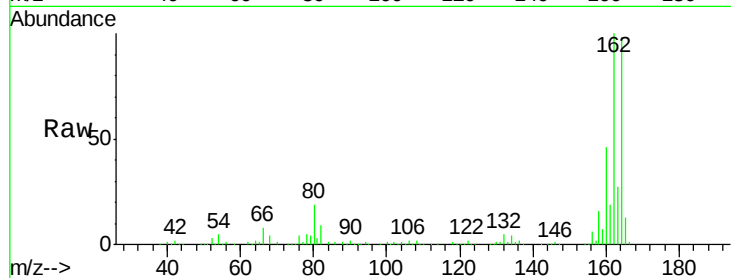




#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

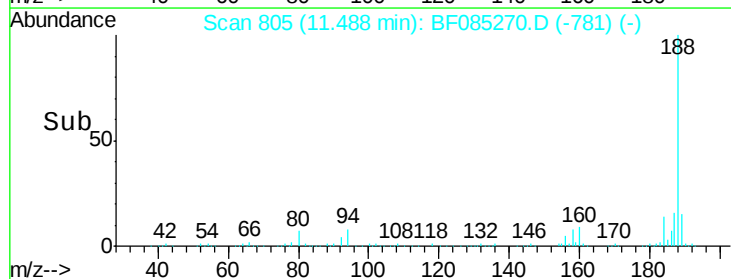
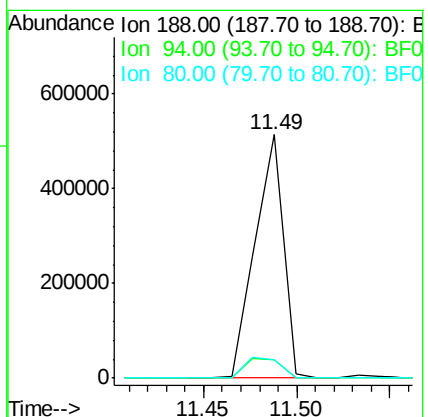
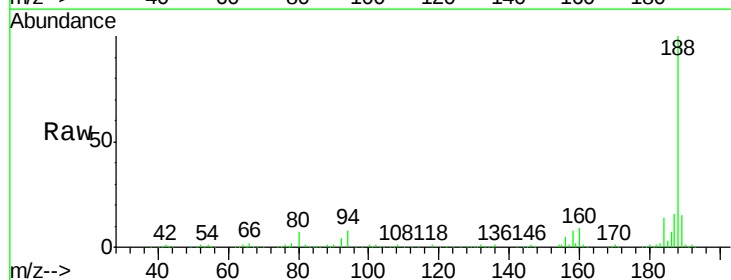
Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

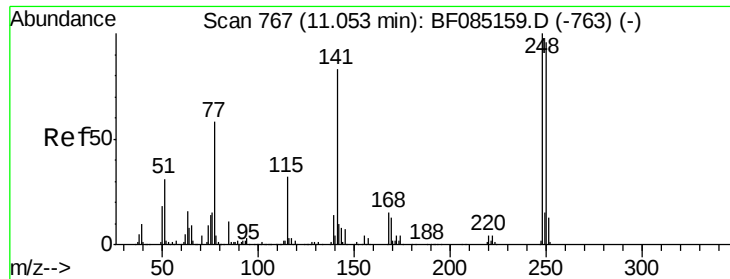
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.4	53.0#
89	1.5	61.9	92.9#
182	0.0	1.9	2.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085270.D
Acq: 8 Mar 2016 22:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.0	10.6
80	7.4	7.4	11.0





#66

4-Bromophenyl-phenylether

Concen: 5.14 ng

RT: 10.79 min Scan# 744

Delta R.T. -0.26 min

Lab File: BF085270.D

Acq: 8 Mar 2016 22:07

Instrument :

BNA_F

ClientSampleId :

WASTECHAR(COMPOSITE)

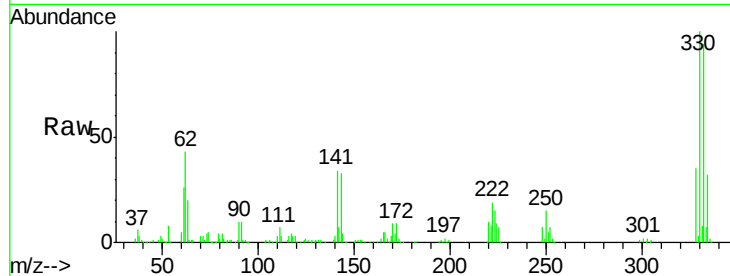
Tgt Ion:248 Resp: 26881

Ion Ratio Lower Upper

248 100

250 201.0 77.1 115.7#

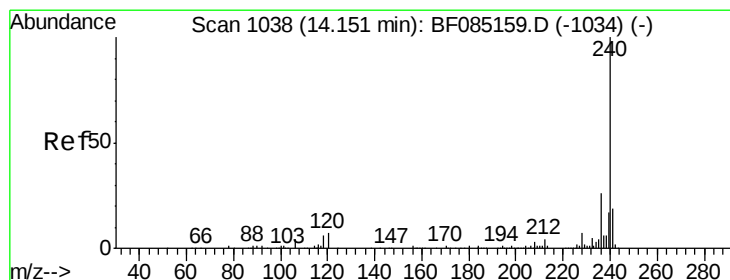
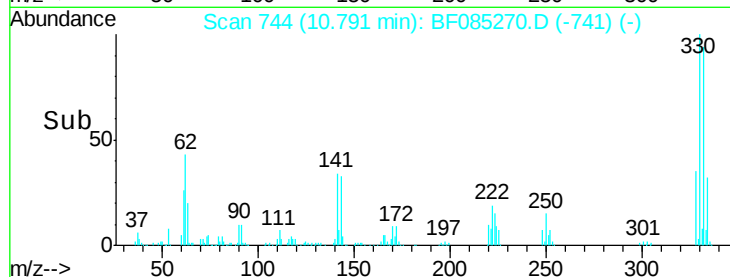
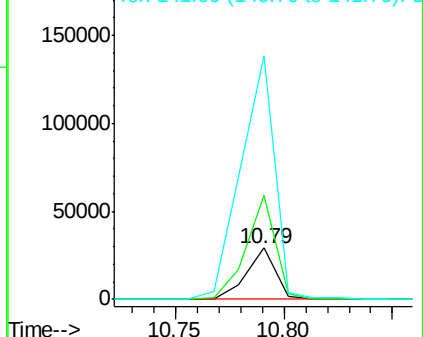
141 472.2 66.2 99.2#



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: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085270.D

Acq: 8 Mar 2016 22:07

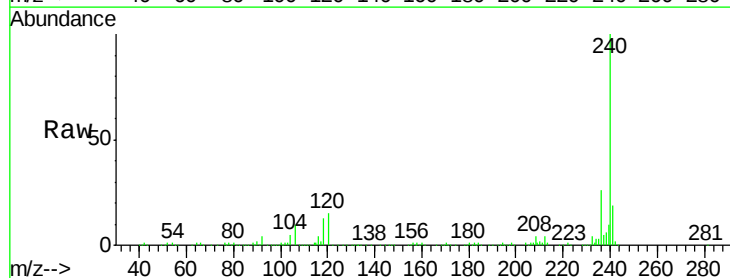
Tgt Ion:240 Resp: 356518

Ion Ratio Lower Upper

240 100

120 14.6 5.3 7.9#

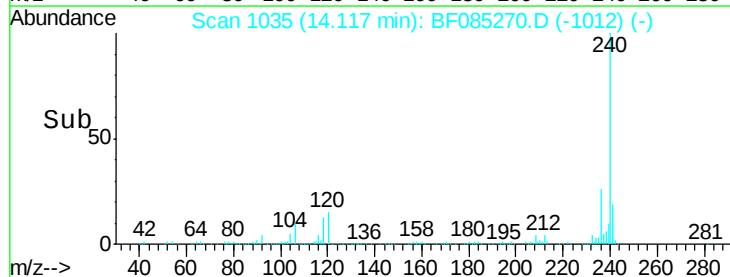
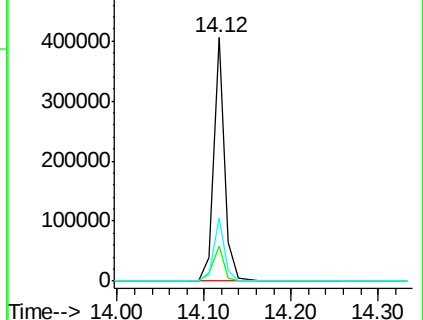
236 26.1 20.7 31.1

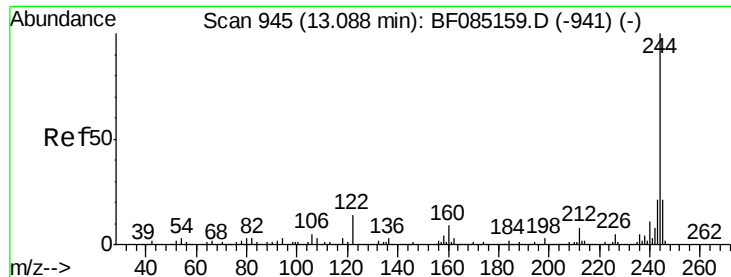


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 110.45 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085270.D

Acq: 8 Mar 2016 22:07

Instrument :

BNA_F

ClientSampleId :

WASTECHAR(COMPOSITE)

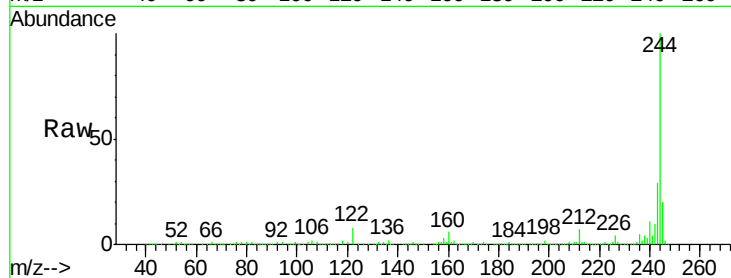
Tgt Ion:244 Resp: 1696334

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

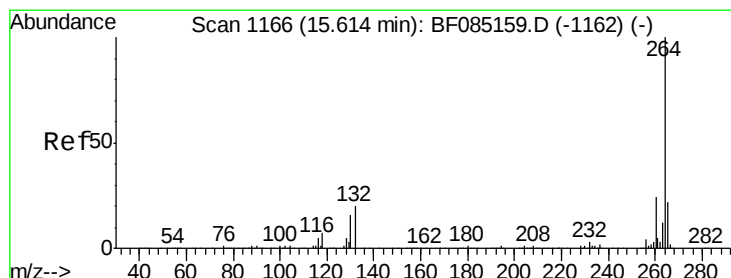
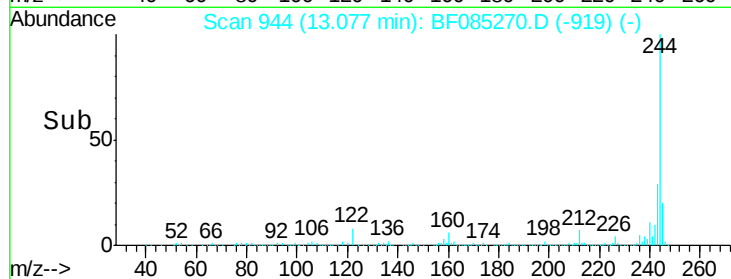
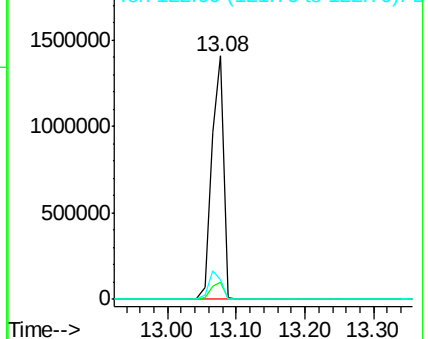
122 7.9 11.4 17.2#



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: 15.58 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BF085270.D

Acq: 8 Mar 2016 22:07

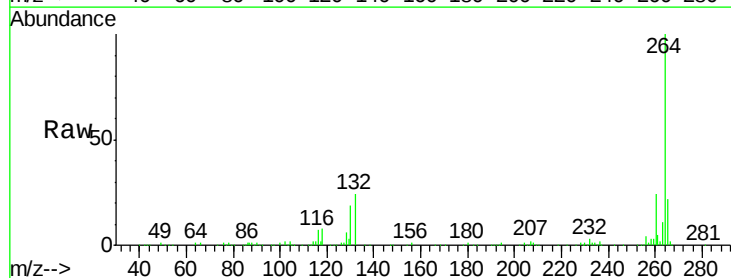
Tgt Ion:264 Resp: 258252

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.8 17.3 25.9



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

