

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085406.D
 Acq On : 12 Mar 2016 8:30
 Operator : UM/SJ
 Sample : H1730-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)

Quant Time: Mar 14 00:44:43 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

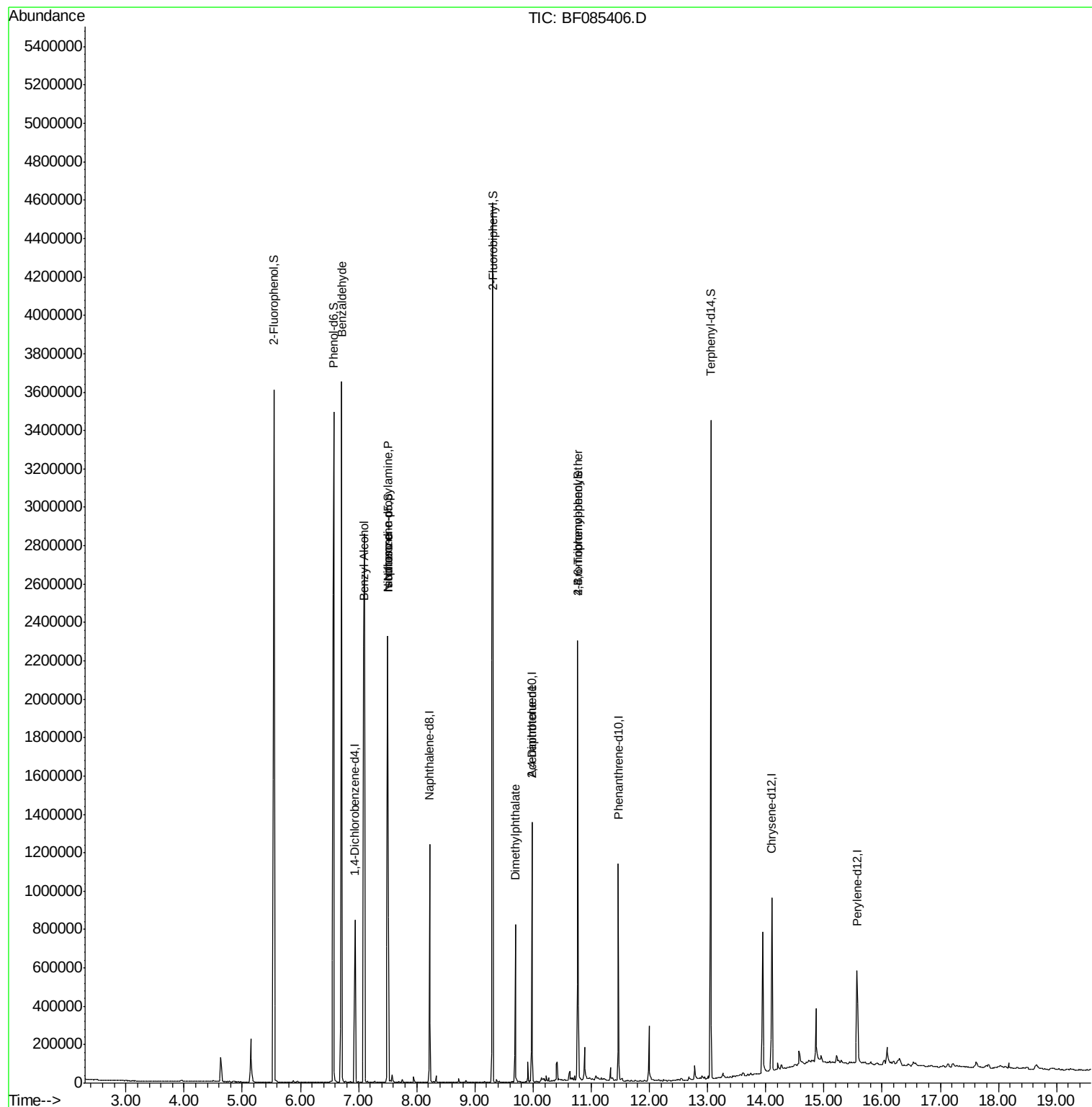
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	152451	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	551391	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	242837	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	375093	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	284193	20.00	ng	-0.05
86) Perylene-d12	15.57	264	226469	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1172777	129.04	ng	-0.03
7) Phenol-d6	6.57	99	1761177	147.91	ng	-0.03
23) Nitrobenzene-d5	7.50	82	950905	92.28	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	260508	125.37	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1591055	99.64	ng	-0.05
78) Terphenyl-d14	13.05	244	1007272	82.28	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.71	77	31183	2.68	ng	86
15) Benzyl Alcohol	7.09	79	18870	2.16	ng	# 48
19) n-Nitroso-di-n-propylamine	7.50	70	124290	16.02	ng	# 78
25) Isophorone	7.50	82	773609	40.51	ng	# 67
49) Dimethylphthalate	9.69	163	312011	16.74	ng	99
56) 2,4-Dinitrotoluene	9.98	165	31391	6.15	ng	# 22
66) 4-Bromophenyl-phenylether	10.77	248	18735	5.14	ng	# 1

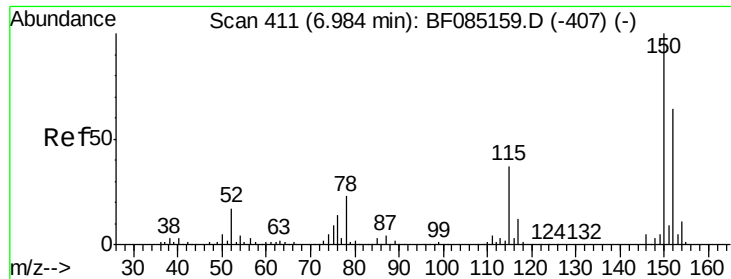
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF085406.D

Acq: 12 Mar 2016 8:30

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)

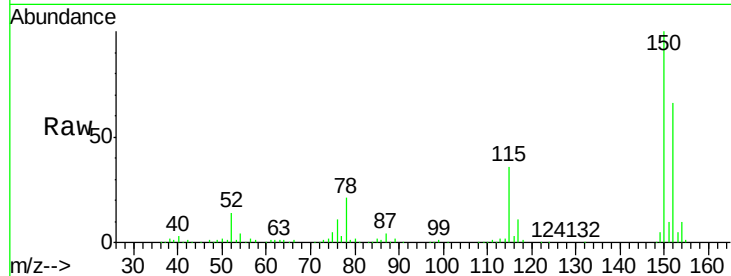
Tgt Ion:152 Resp: 152451

Ion Ratio Lower Upper

152 100

150 150.8 124.6 186.8

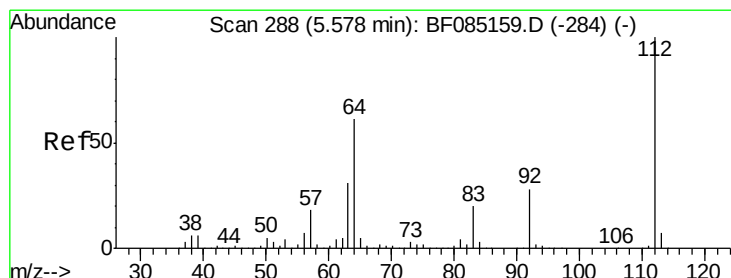
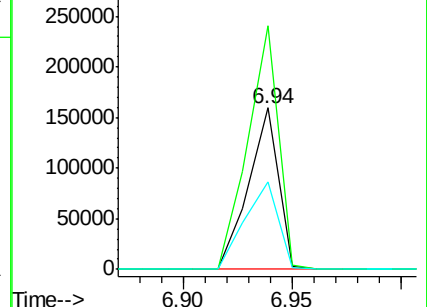
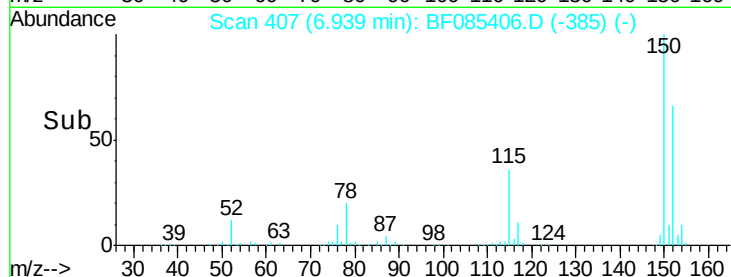
115 54.4 46.6 70.0



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: 129.04 ng

RT: 5.54 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF085406.D

Acq: 12 Mar 2016 8:30

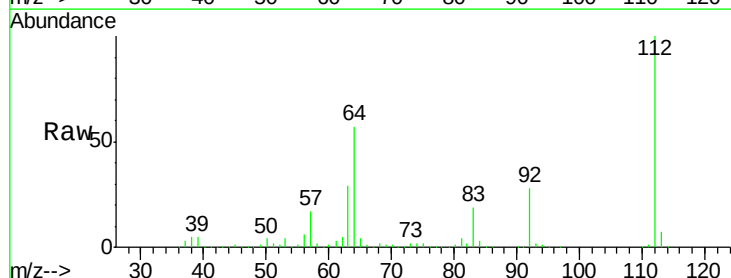
Tgt Ion:112 Resp: 1172777

Ion Ratio Lower Upper

112 100

64 56.8 49.0 73.4

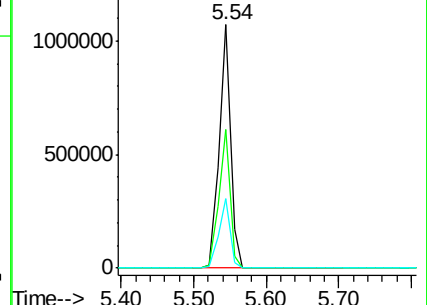
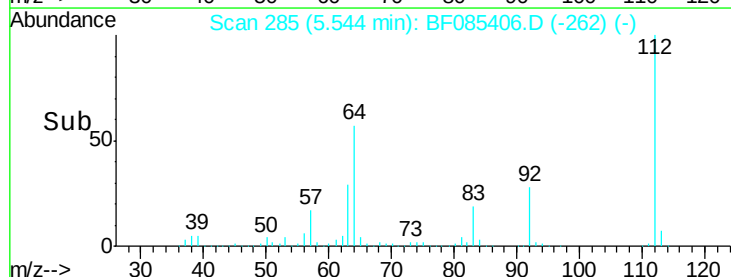
63 28.6 24.8 37.2

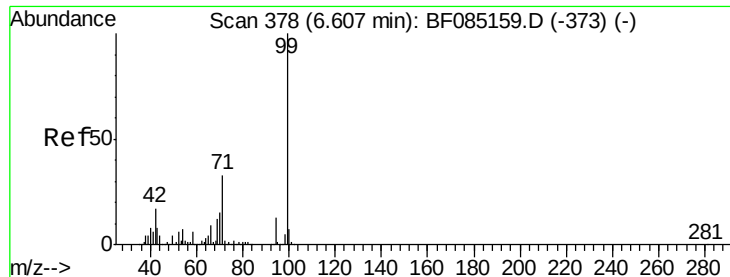


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.91 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085406.D

Acq: 12 Mar 2016 8:30

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)

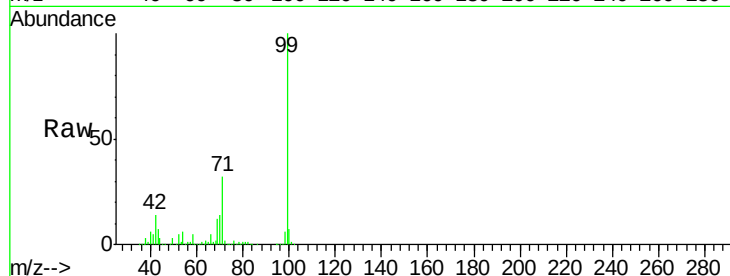
Tgt Ion: 99 Resp: 1761177

Ion Ratio Lower Upper

99 100

42 14.3 13.6 20.4

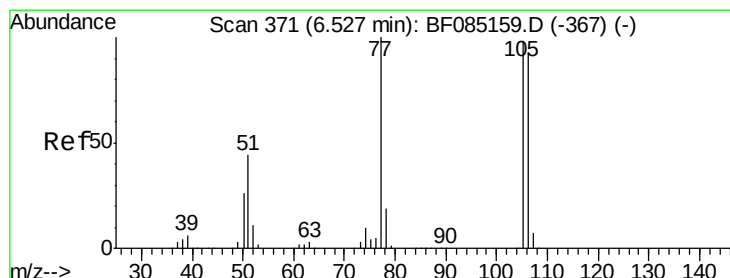
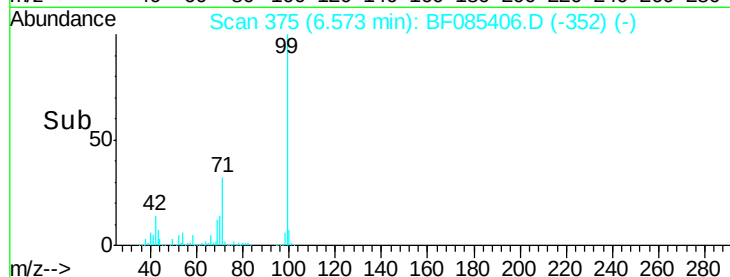
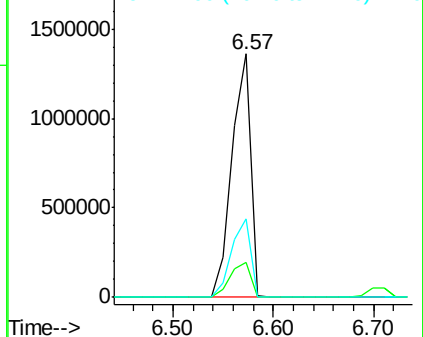
71 32.1 26.7 40.1



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: 2.68 ng

RT: 6.71 min Scan# 387

Delta R.T. 0.18 min

Lab File: BF085406.D

Acq: 12 Mar 2016 8:30

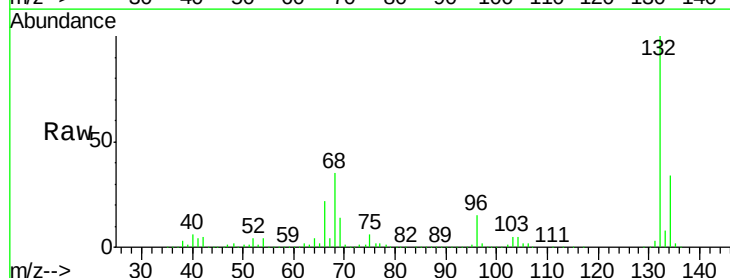
Tgt Ion: 77 Resp: 31183

Ion Ratio Lower Upper

77 100

105 83.8 78.2 118.2

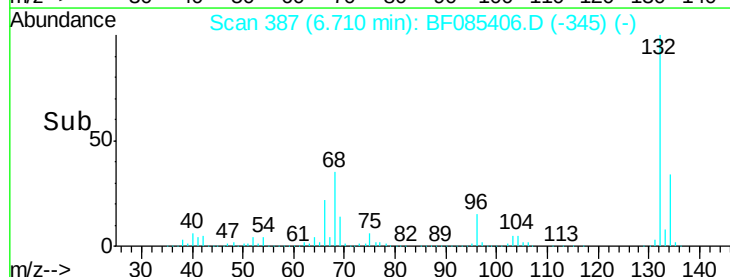
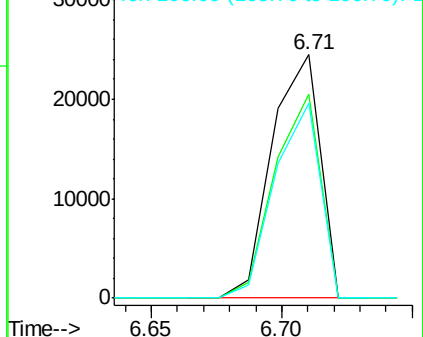
106 79.9 72.9 112.9

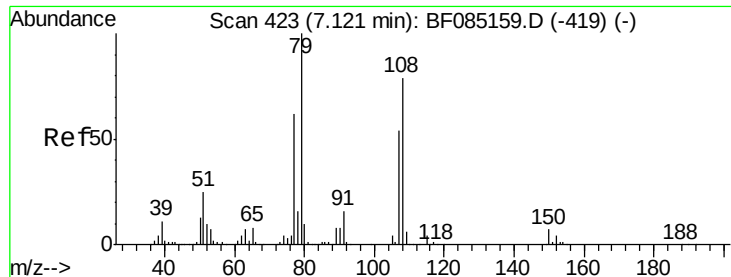


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF085406.D

Acq: 12 Mar 2016 8:30

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)

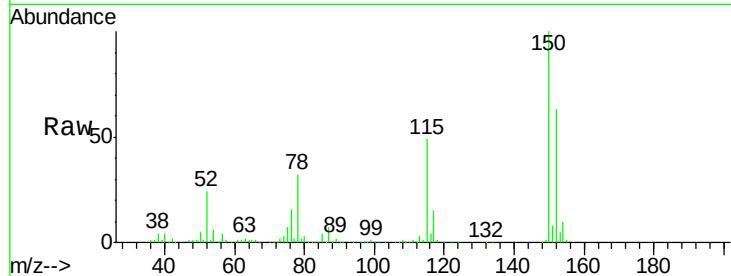
Tgt Ion: 79 Resp: 18870

Ion Ratio Lower Upper

79 100

108 30.6 62.9 94.3#

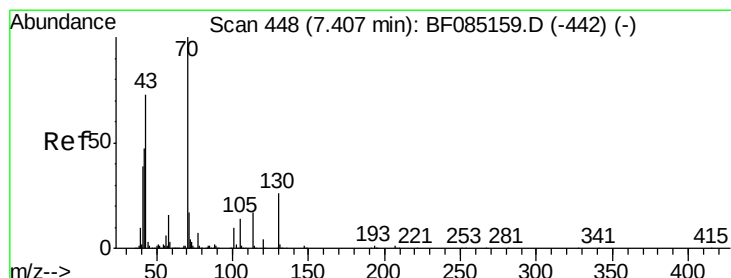
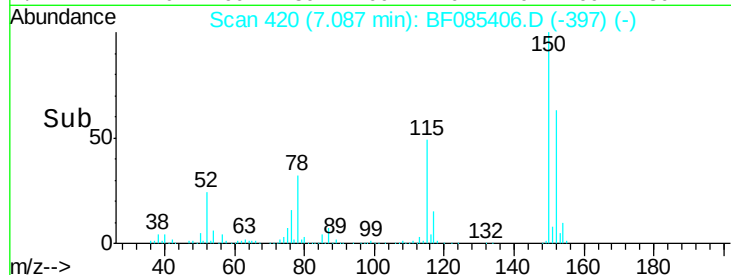
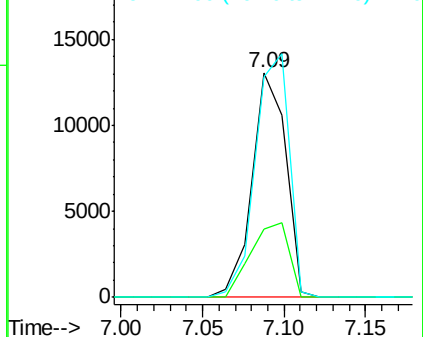
77 98.3 49.5 74.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.02 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.09 min

Lab File: BF085406.D

Acq: 12 Mar 2016 8:30

Tgt Ion: 70 Resp: 124290

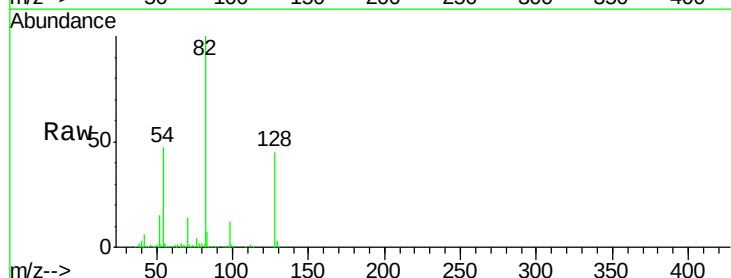
Ion Ratio Lower Upper

70 100

42 42.2 37.7 56.5

101 0.0 8.2 12.4#

130 2.1 20.5 30.7#

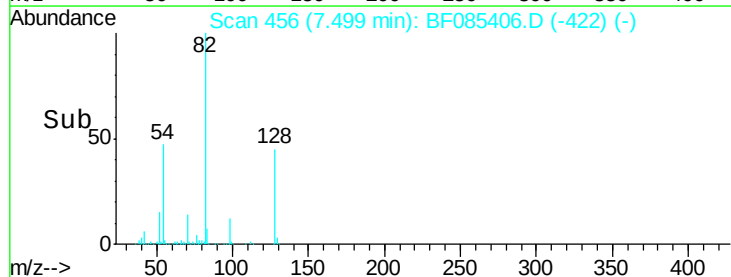
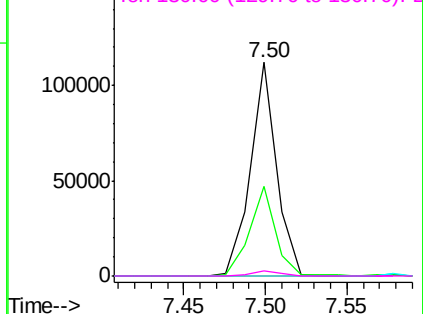


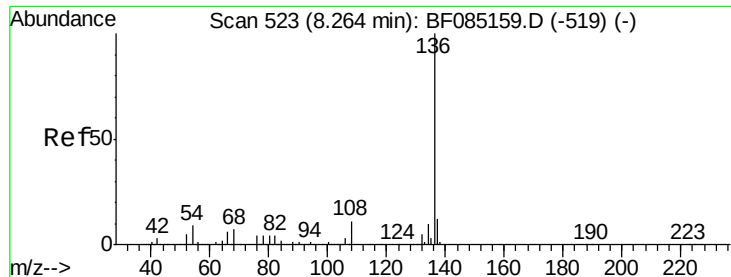
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

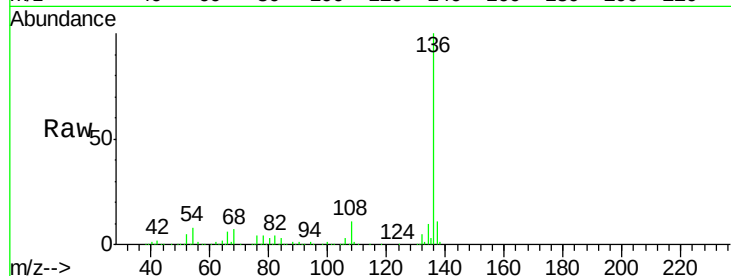




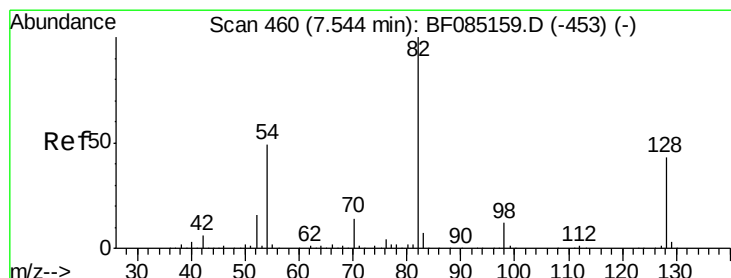
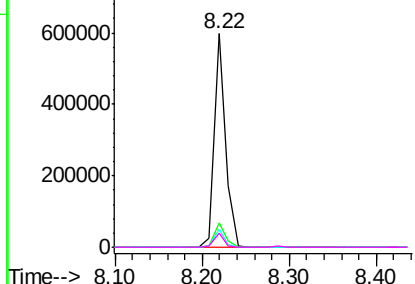
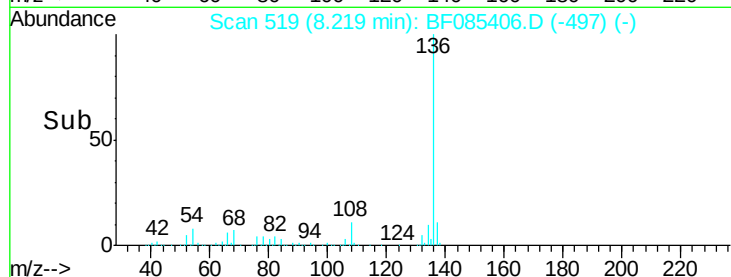
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085406.D
Acq: 12 Mar 2016 8:30

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-19-COMP(0.5-3.0)

Tgt Ion:	136	Resp:	551391
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.4	7.4	11.2
68	6.8	6.0	9.0

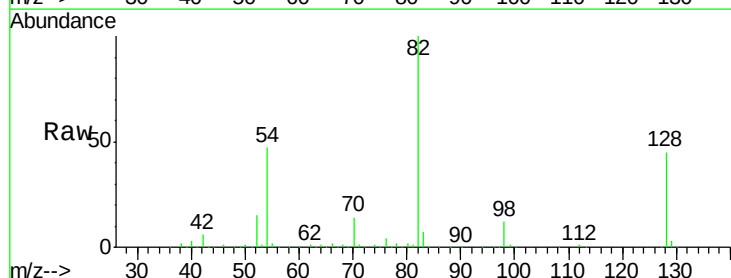


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

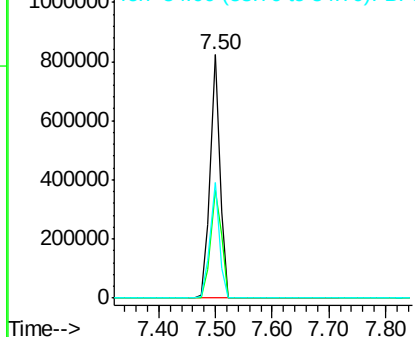
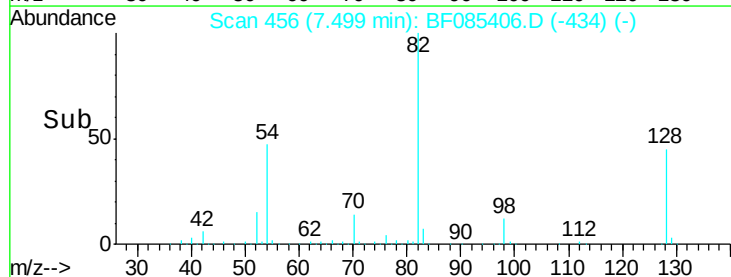


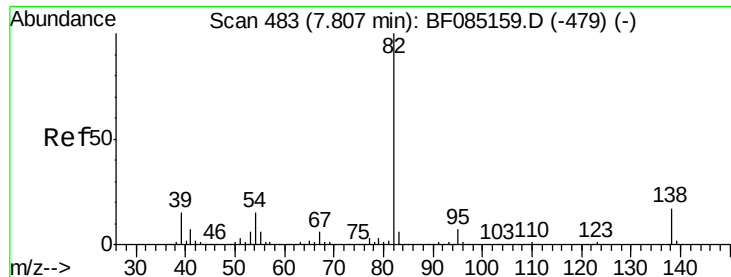
#23
Nitrobenzene-d5
Concen: 92.28 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF085406.D
Acq: 12 Mar 2016 8:30

Tgt Ion:	82	Resp:	950905
Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.5	51.7
54	47.2	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

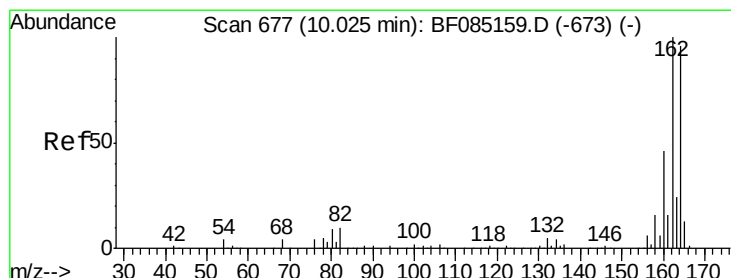
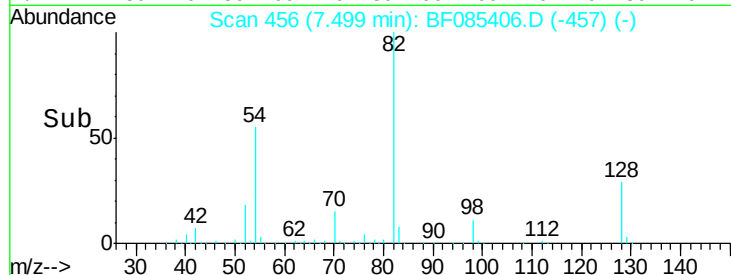
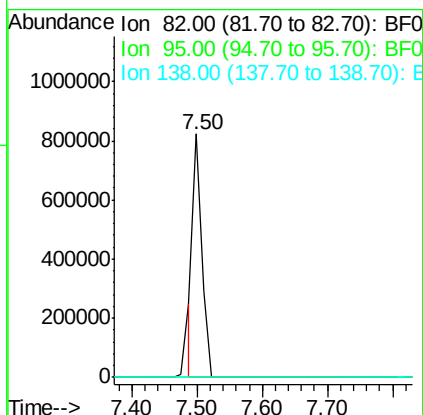
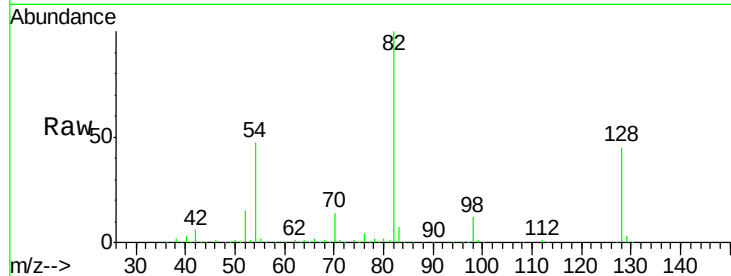




#25
Isophorone
Concen: 40.51 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.31 min
Lab File: BF085406.D
Acq: 12 Mar 2016 8:30

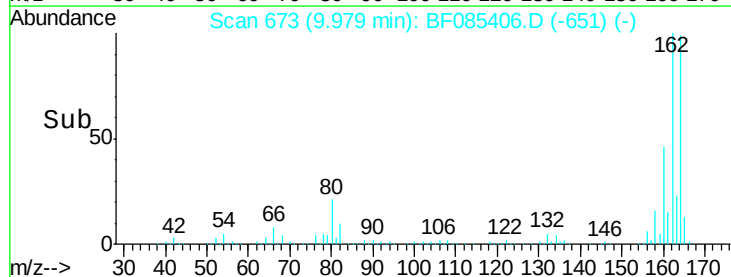
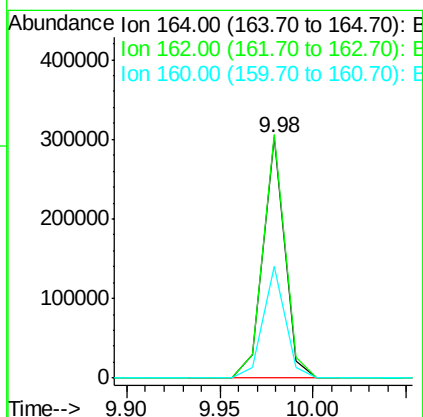
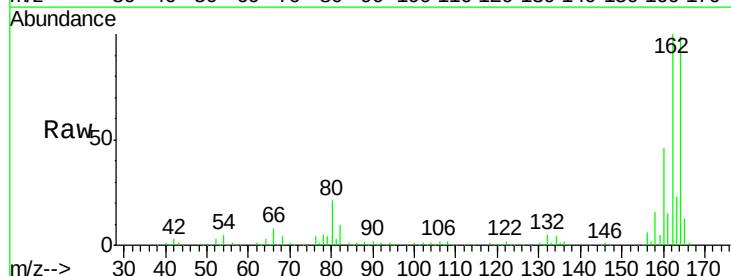
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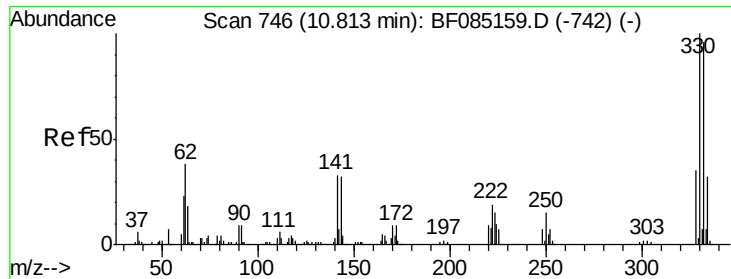
Tgt Ion: 82 Resp: 773609
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.3 19.9#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF085406.D
Acq: 12 Mar 2016 8:30

Tgt Ion: 164 Resp: 242837
Ion Ratio Lower Upper
164 100
162 101.1 83.3 124.9
160 46.5 37.9 56.9

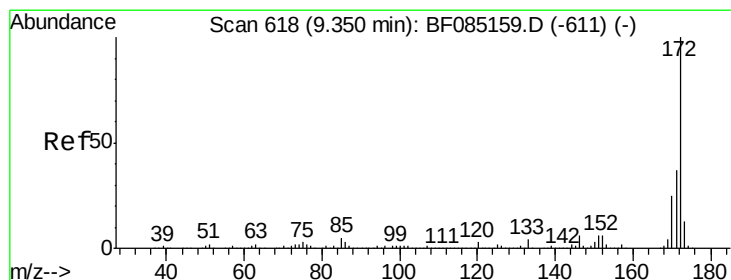
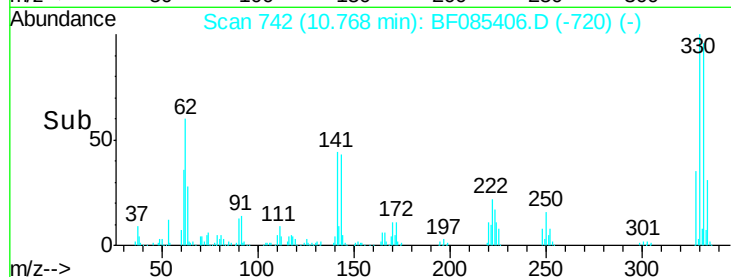
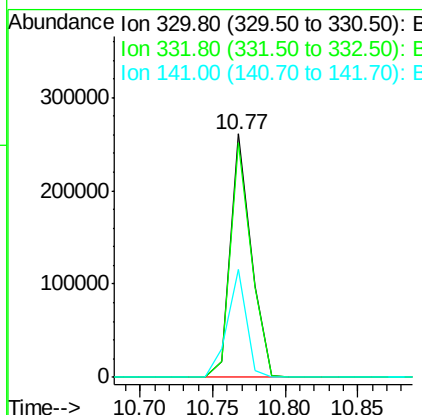
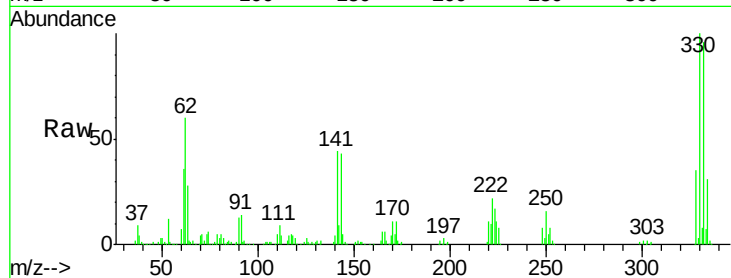




#41
 2,4,6-Tribromophenol
 Concen: 125.37 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085406.D
 Acq: 12 Mar 2016 8:30

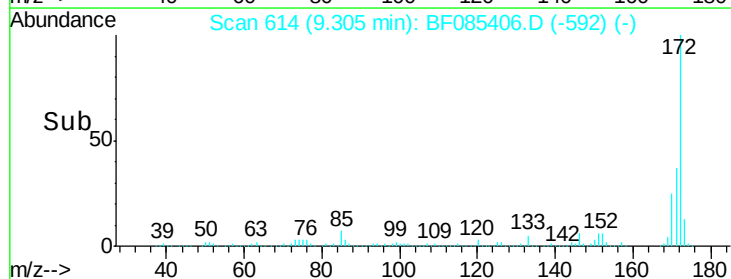
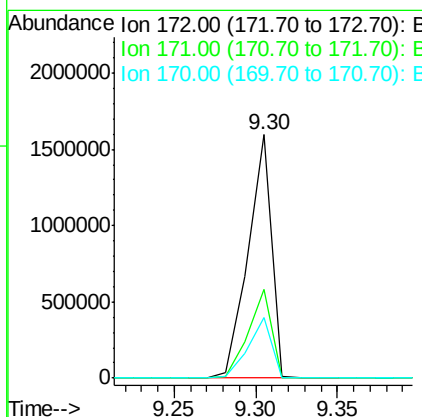
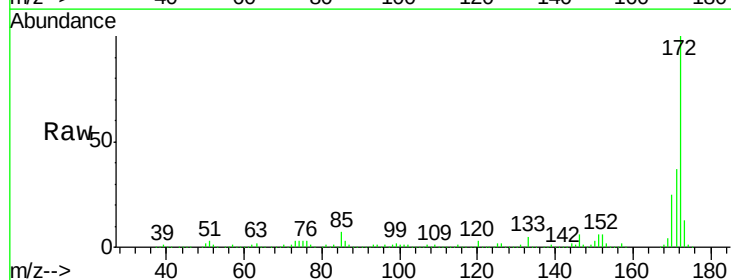
Instrument :
 BNA_F
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 W170TH-SB-19-COMP(0.5-3.0)

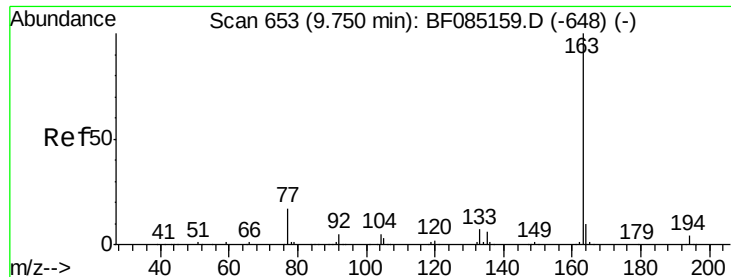
Tgt Ion:330 Resp: 260508
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.1 115.7
 141 41.0 35.0 52.6



#44
 2-Fluorobiphenyl
 Concen: 99.64 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085406.D
 Acq: 12 Mar 2016 8:30

Tgt Ion:172 Resp: 1591055
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.3 43.9
 170 24.8 20.0 30.0





#49

Dimethylphthalate

Concen: 16.74 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF085406.D

Acq: 12 Mar 2016 8:30

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)

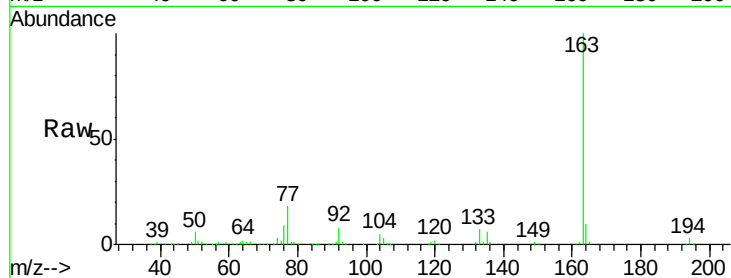
Tgt Ion:163 Resp: 312011

Ion Ratio Lower Upper

163 100

194 3.4 3.1 4.7

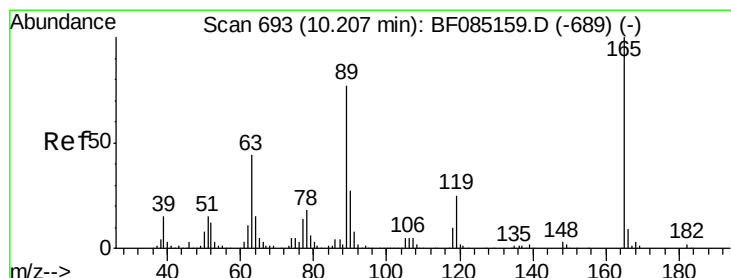
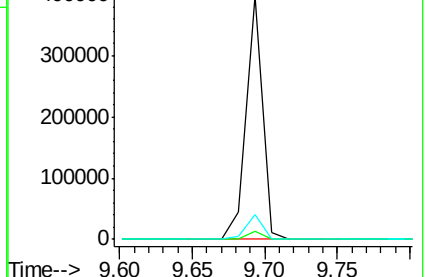
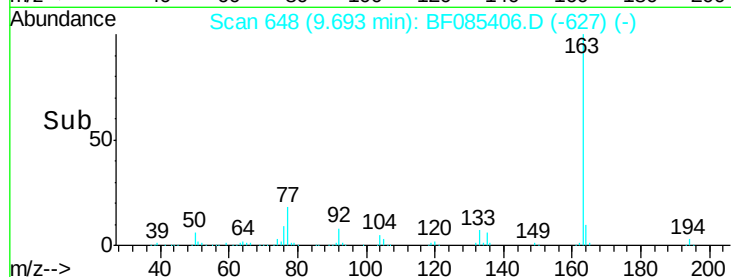
164 9.9 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 6.15 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.23 min

Lab File: BF085406.D

Acq: 12 Mar 2016 8:30

Tgt Ion:165 Resp: 31391

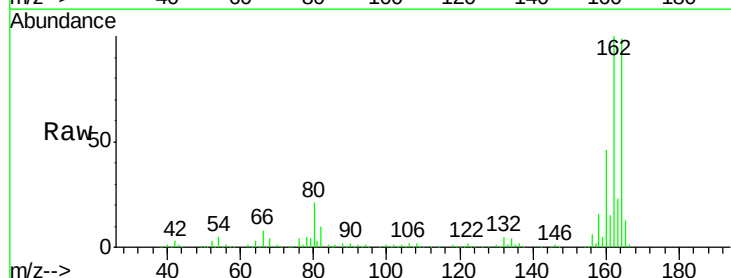
Ion Ratio Lower Upper

165 100

63 1.2 35.4 53.0#

89 1.6 61.9 92.9#

182 0.0 1.9 2.9#

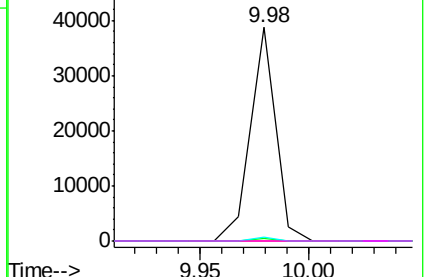
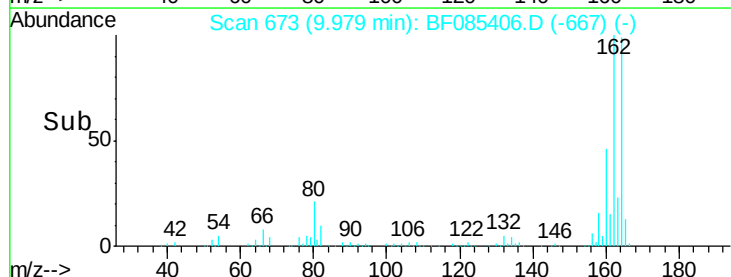


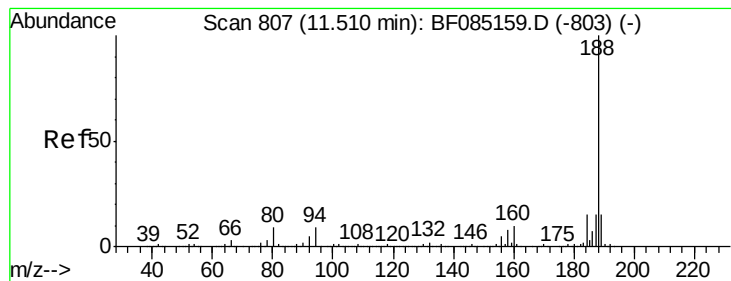
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 803

Delta R.T. -0.05 min

Lab File: BF085406.D

Acq: 12 Mar 2016 8:30

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)

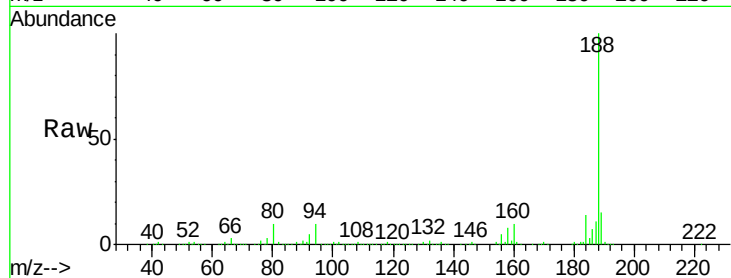
Tgt Ion:188 Resp: 375093

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

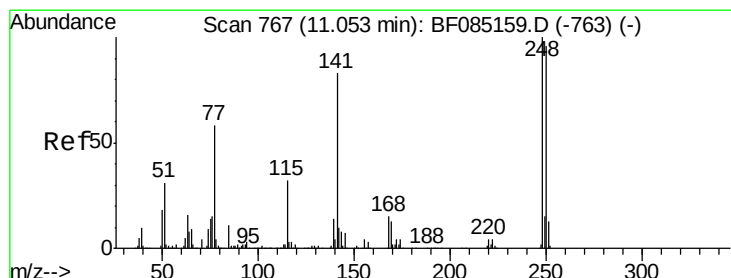
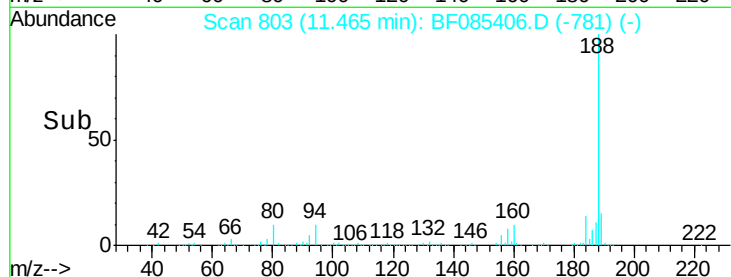
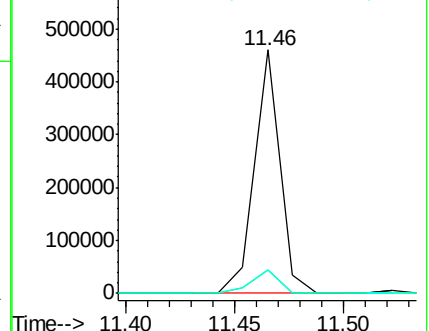
80 9.8 7.4 11.0



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: 5.14 ng

RT: 10.77 min Scan# 742

Delta R.T. -0.29 min

Lab File: BF085406.D

Acq: 12 Mar 2016 8:30

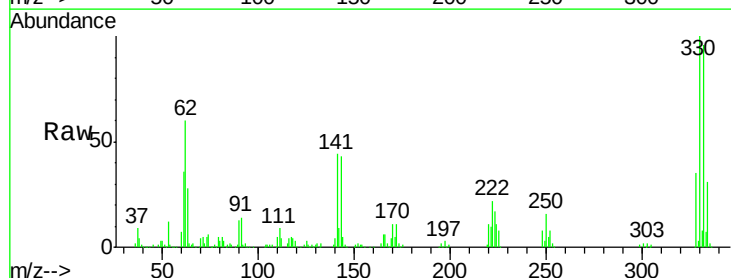
Tgt Ion:248 Resp: 18735

Ion Ratio Lower Upper

248 100

250 192.8 77.1 115.7#

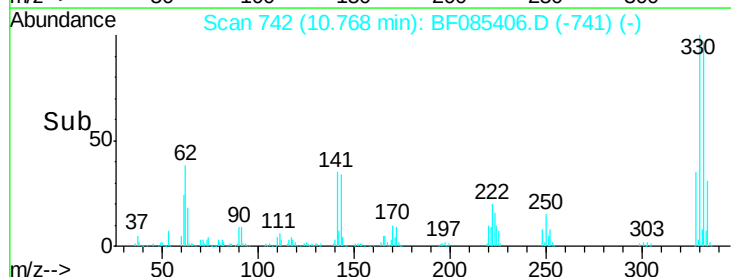
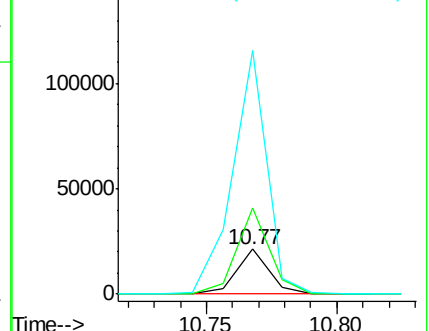
141 544.3 66.2 99.2#

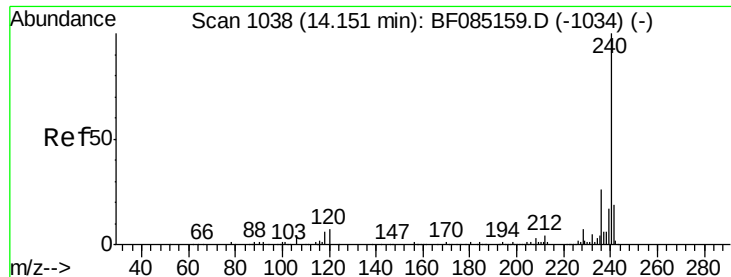


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085406.D

Acq: 12 Mar 2016 8:30

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)

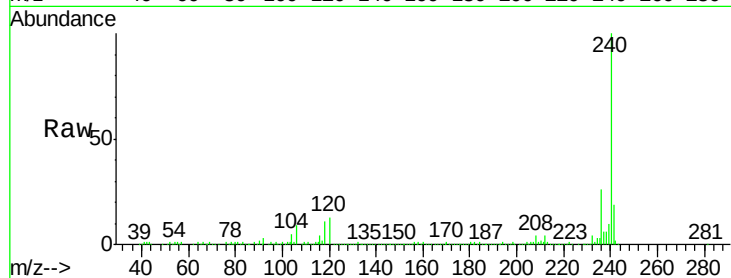
Tgt Ion:240 Resp: 284193

Ion Ratio Lower Upper

240 100

120 13.0 5.3 7.9#

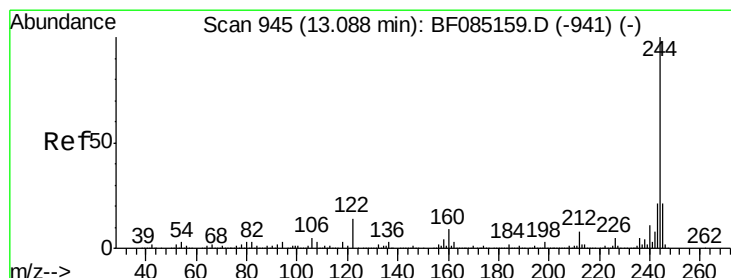
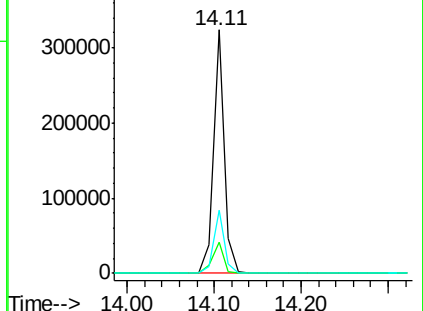
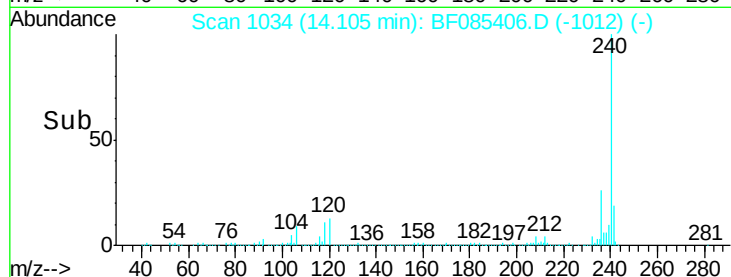
236 25.8 20.7 31.1



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: 82.28 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085406.D

Acq: 12 Mar 2016 8:30

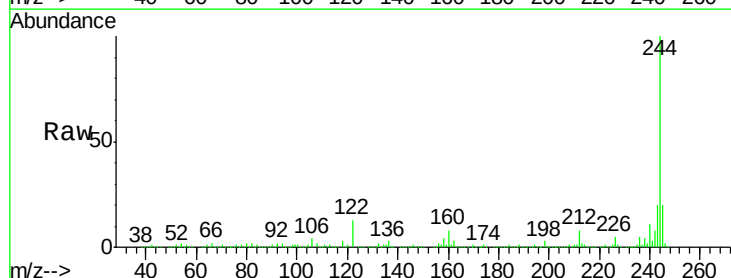
Tgt Ion:244 Resp: 1007272

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

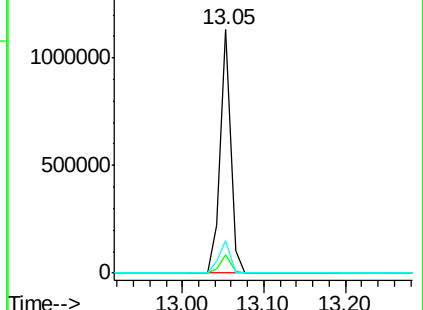
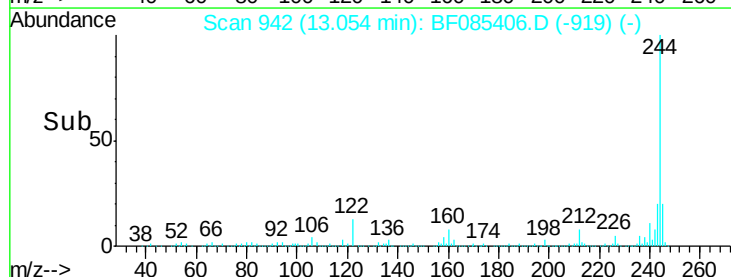
122 13.2 11.4 17.2

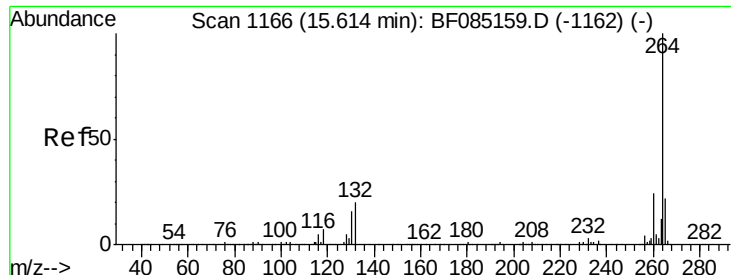


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

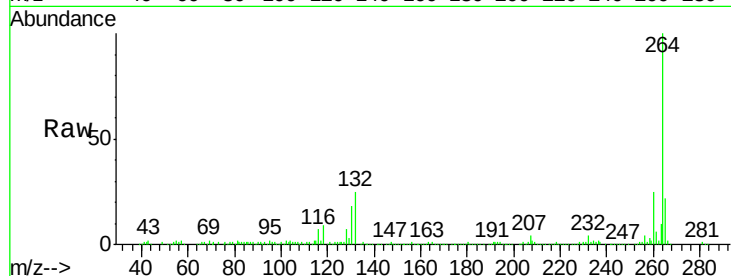




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085406.D
Acq: 12 Mar 2016 8:30

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-19-COMP(0.5-3.0)

Tgt Ion: 264 Resp: 226469
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 21.9 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

