

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
 Data File : BF085478.D
 Acq On : 16 Mar 2016 22:58
 Operator : UM/SJ
 Sample : H1790-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)

Quant Time: Mar 17 00:52:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

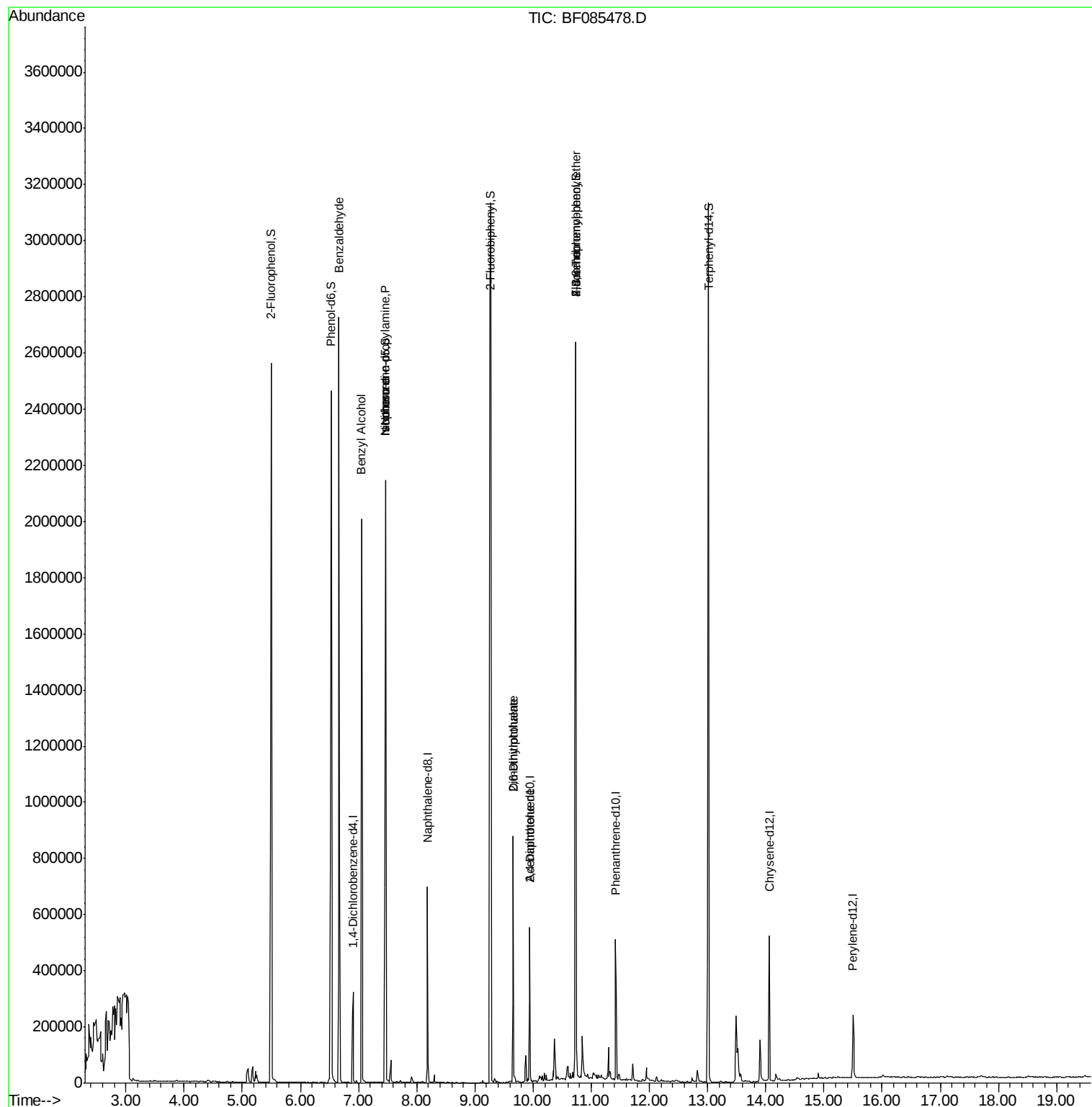
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	68225	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	289764	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	125085	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	234032	20.00	ng	-0.02
75) Chrysene-d12	14.06	240	165573	20.00	ng	-0.02
86) Perylene-d12	15.50	264	109289	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	753248	189.78	ng	-0.01
7) Phenol-d6	6.53	99	1051958	204.33	ng	-0.02
23) Nitrobenzene-d5	7.46	82	727148	148.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	356061	309.06	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	1471616	204.10	ng	-0.01
78) Terphenyl-d14	13.02	244	1563973	213.68	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.66	77	17574	6.11	ng	Qvalue 82
15) Benzyl Alcohol	7.05	79	9916	2.70	ng	# 49
19) n-Nitroso-di-n-propylamine	7.46	70	96090	31.17	ng	# 76
25) Isophorone	7.46	82	555382	55.57	ng	# 67
49) Dimethylphthalate	9.66	163	374928	41.08	ng	99
50) 2,6-Dinitrotoluene	9.66	165	4085	2.03	ng	# 31
56) 2,4-Dinitrotoluene	9.94	165	15691	6.21	ng	# 20
57) Fluorene	10.73	166	16765	2.20	ng	# 91
66) 4-Bromophenyl-phenylether	10.73	248	24798	10.47	ng	# 1

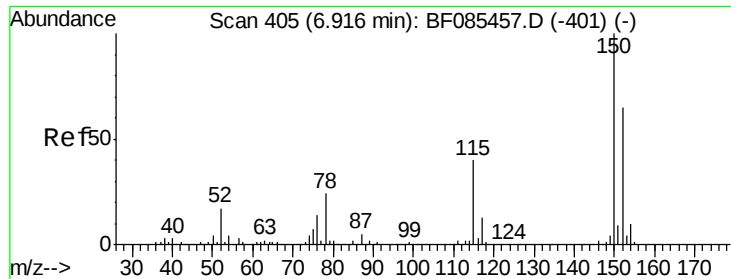
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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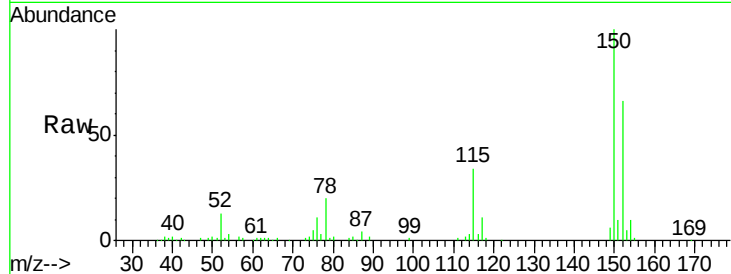


#1

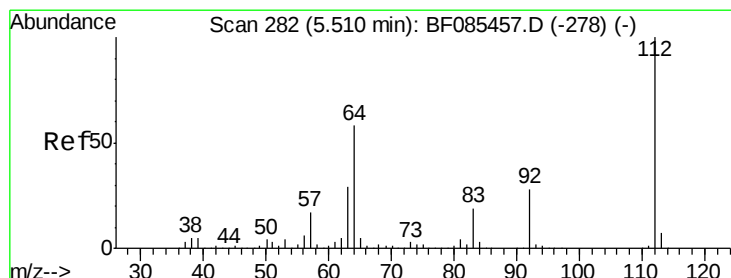
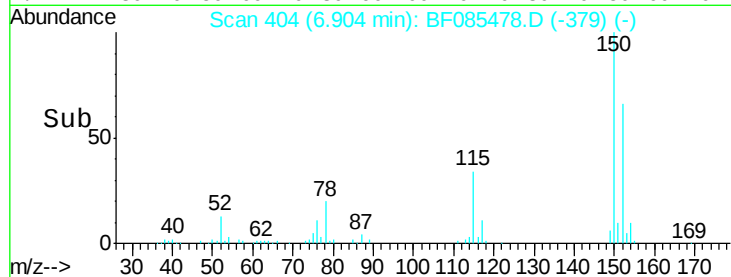
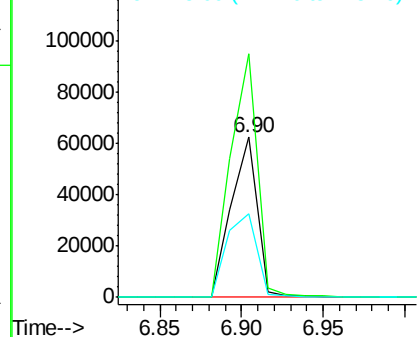
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF085478.D
Acq: 16 Mar 2016 22:58

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)

Tgt Ion:152 Resp: 68225
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 52.2 46.6 70.0



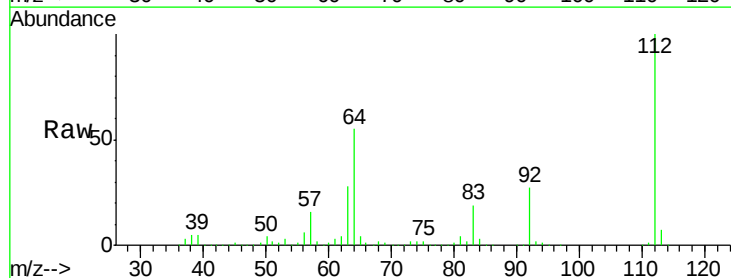
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



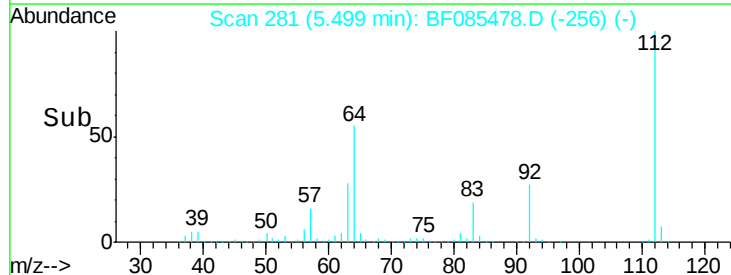
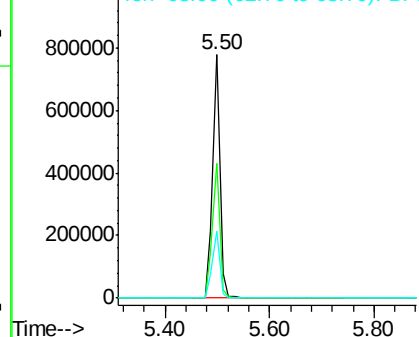
#5

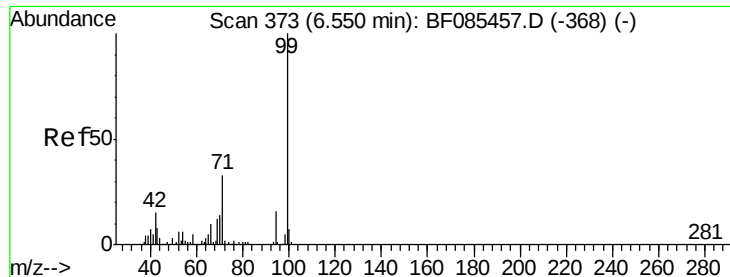
2-Fluorophenol
Concen: 189.78 ng
RT: 5.50 min Scan# 281
Delta R.T. -0.01 min
Lab File: BF085478.D
Acq: 16 Mar 2016 22:58

Tgt Ion:112 Resp: 753248
Ion Ratio Lower Upper
112 100
64 55.3 49.0 73.4
63 27.7 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: 204.33 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)

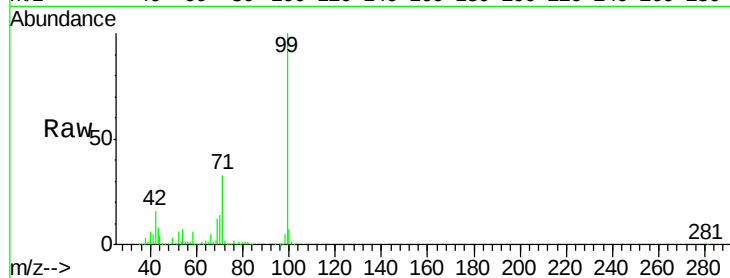
Tgt Ion: 99 Resp: 1051958

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

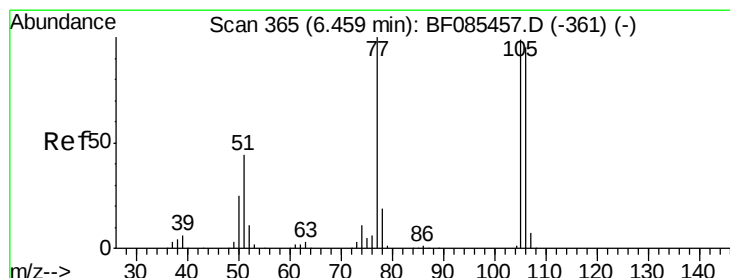
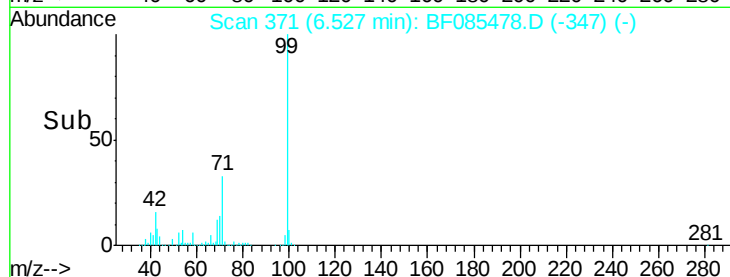
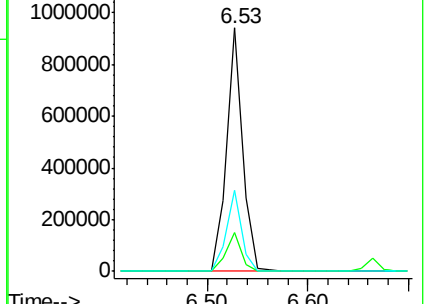
71 33.3 26.7 40.1



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: 6.11 ng

RT: 6.66 min Scan# 383

Delta R.T. 0.21 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

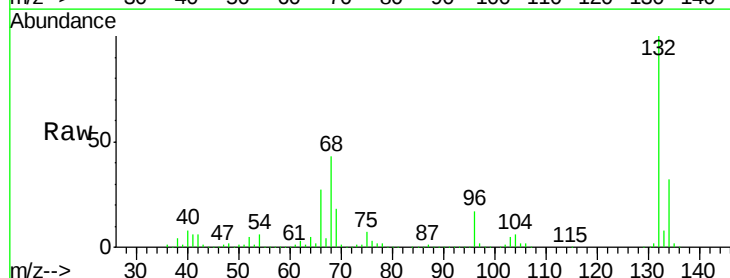
Tgt Ion: 77 Resp: 17574

Ion Ratio Lower Upper

77 100

105 81.8 78.2 118.2

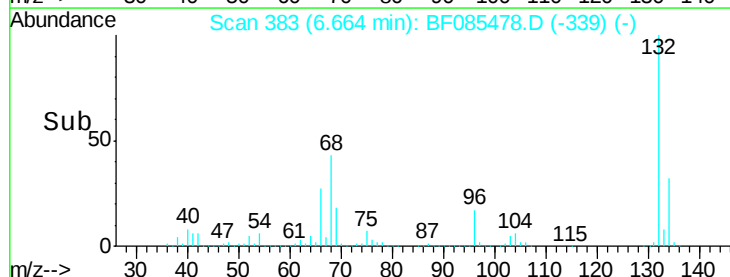
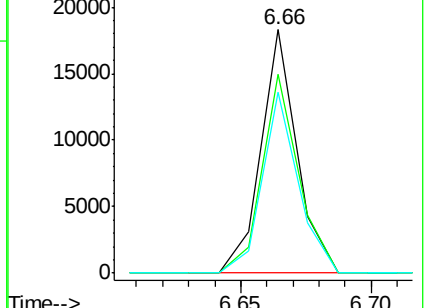
106 74.2 72.9 112.9

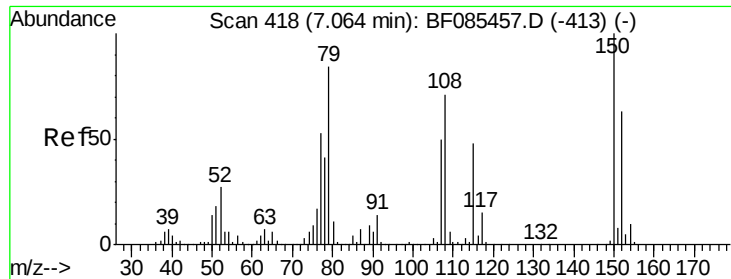


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.70 ng

RT: 7.05 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)

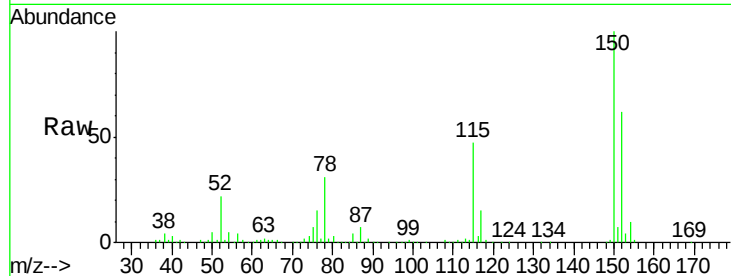
Tgt Ion: 79 Resp: 9916

Ion Ratio Lower Upper

79 100

108 31.4 62.9 94.3#

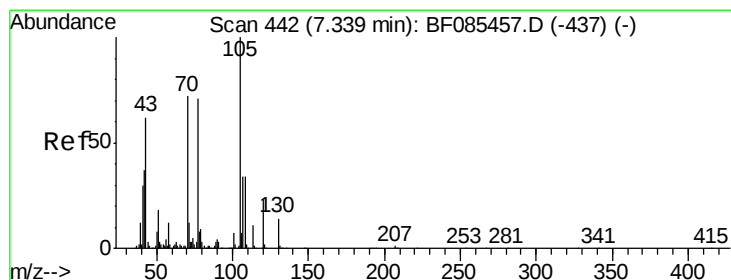
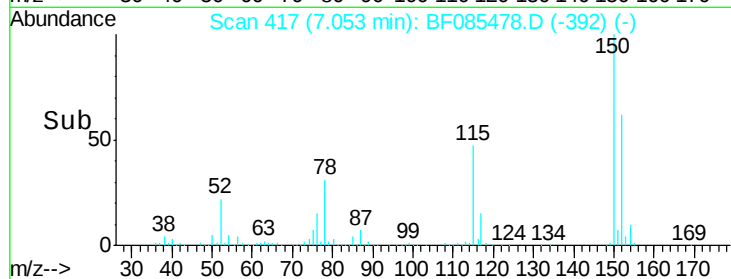
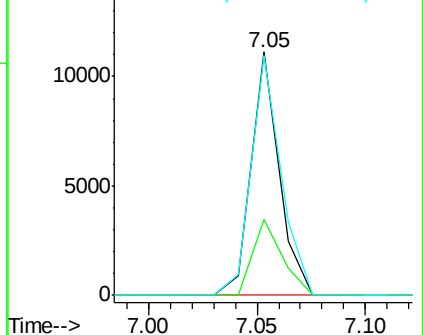
77 98.7 49.5 74.3#



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: 31.17 ng

RT: 7.46 min Scan# 453

Delta R.T. 0.13 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

Tgt Ion: 70 Resp: 96090

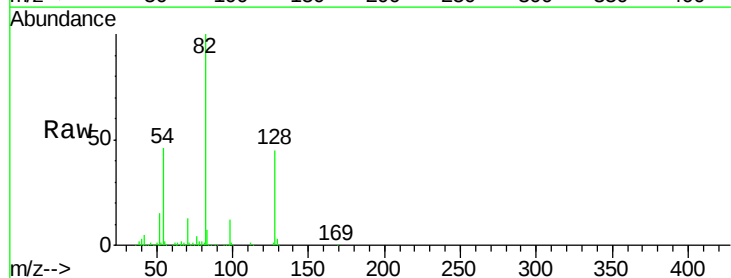
Ion Ratio Lower Upper

70 100

42 40.3 37.7 56.5

101 0.0 8.2 12.4#

130 2.1 20.5 30.7#

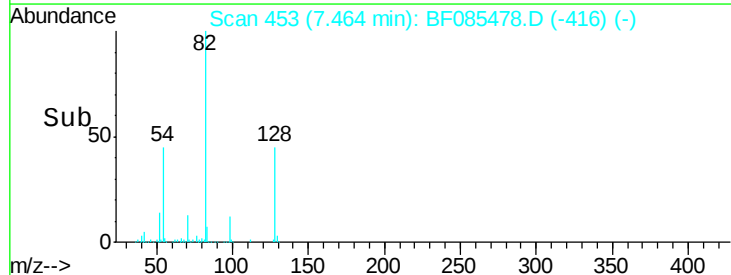
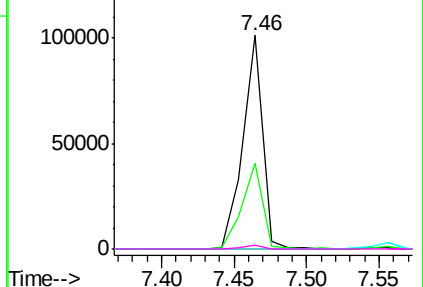


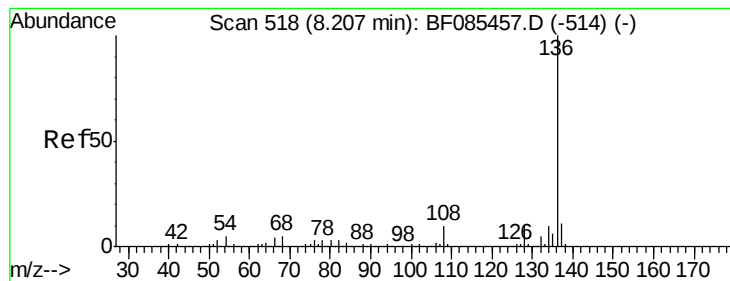
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.18 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)

Tgt Ion:136 Resp: 289764

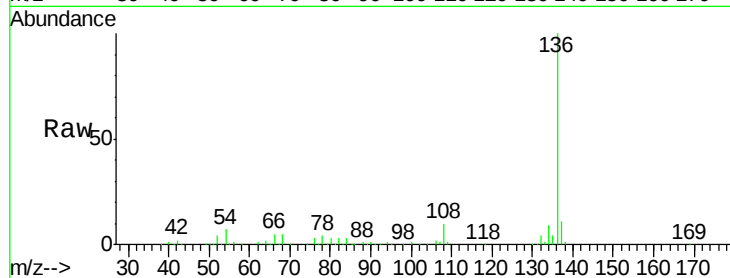
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 6.8 7.4 11.2#

68 5.4 6.0 9.0#

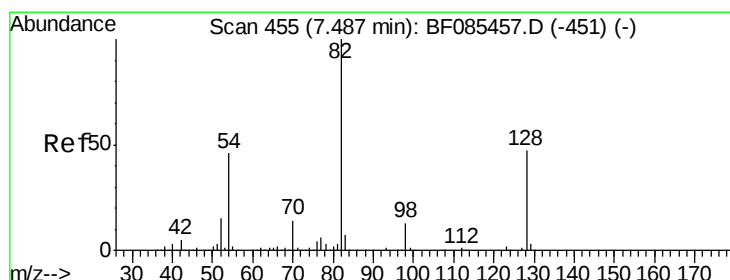
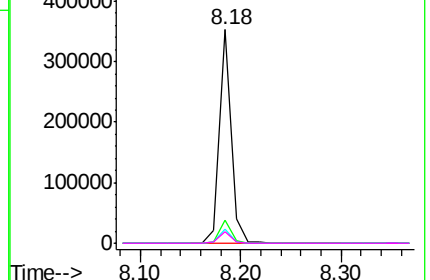
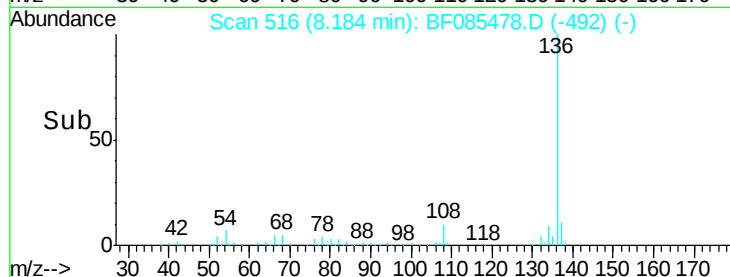


Abundance Ion 136.00 (135.70 to 136.70): E

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: 148.37 ng

RT: 7.46 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

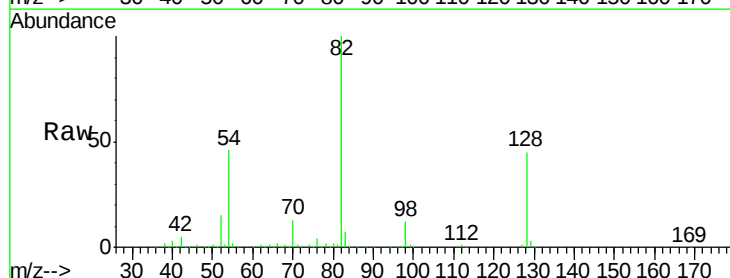
Tgt Ion: 82 Resp: 727148

Ion Ratio Lower Upper

82 100

128 45.5 34.5 51.7

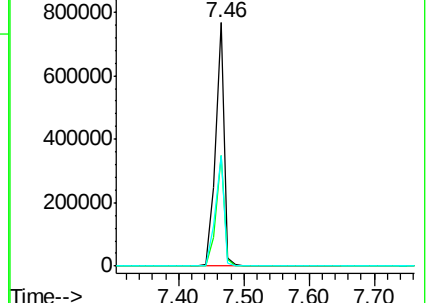
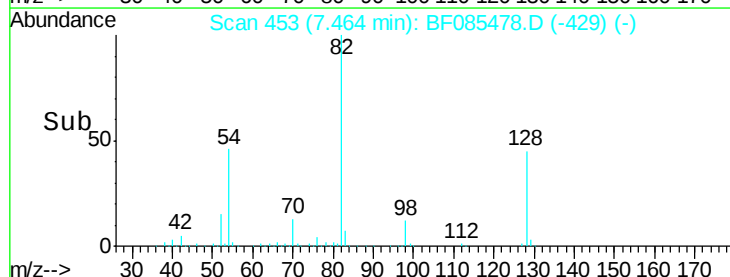
54 45.6 39.3 58.9

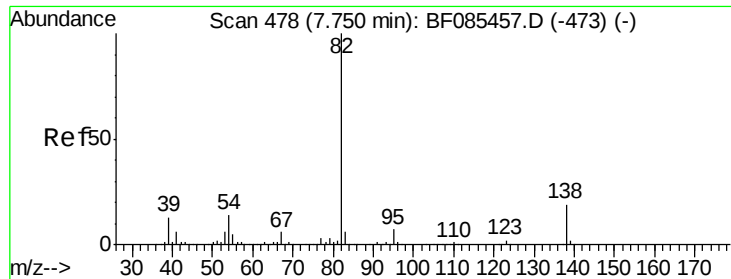


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 55.57 ng

RT: 7.46 min Scan# 453

Delta R.T. -0.29 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

Instrument :

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ClientSampleId :

GRID-8B-(10-20)

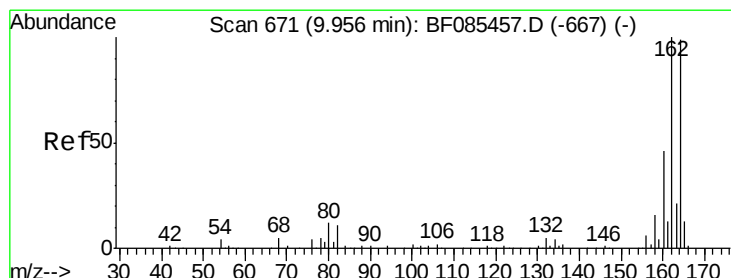
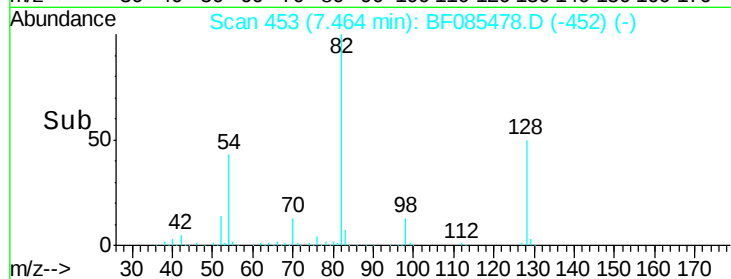
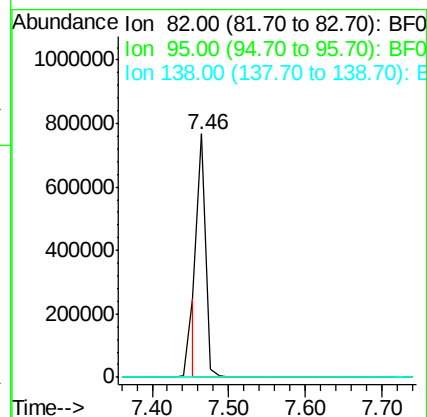
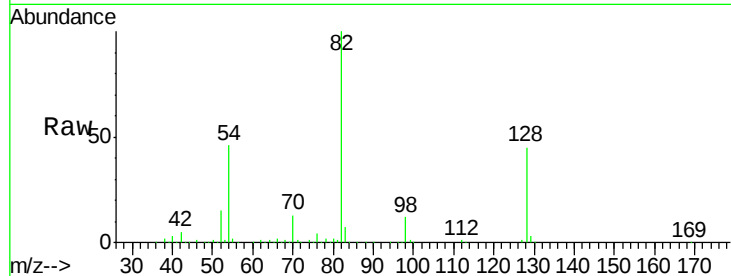
Tgt Ion: 82 Resp: 555382

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: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

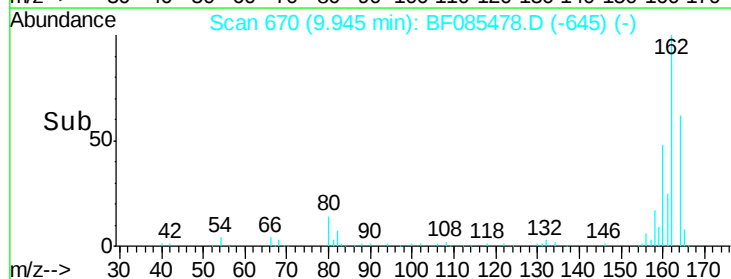
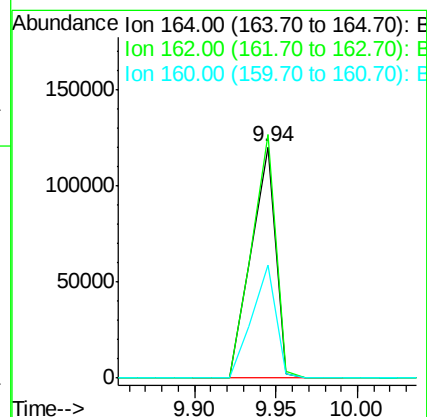
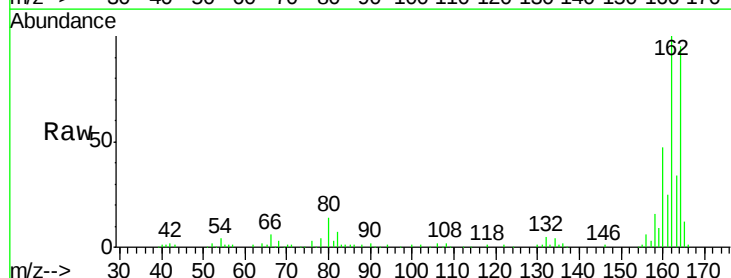
Tgt Ion: 164 Resp: 125085

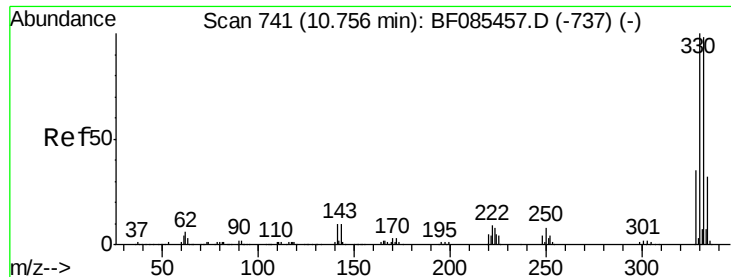
Ion Ratio Lower Upper

164 100

162 105.4 83.3 124.9

160 49.1 37.9 56.9

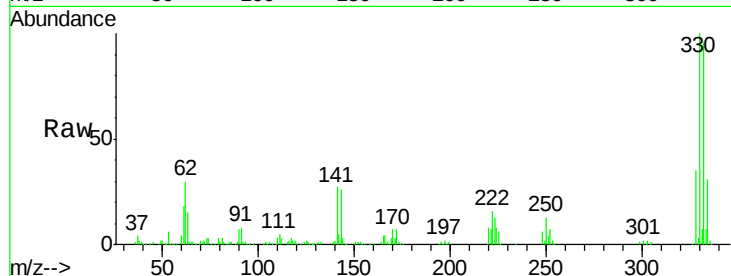




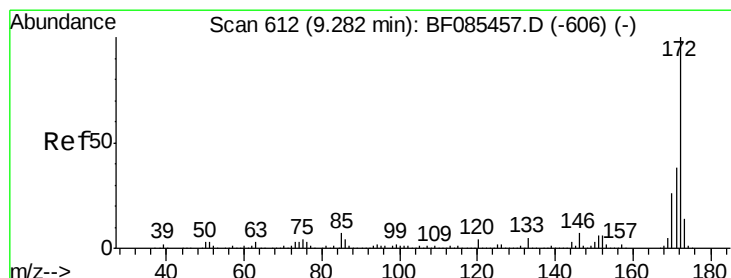
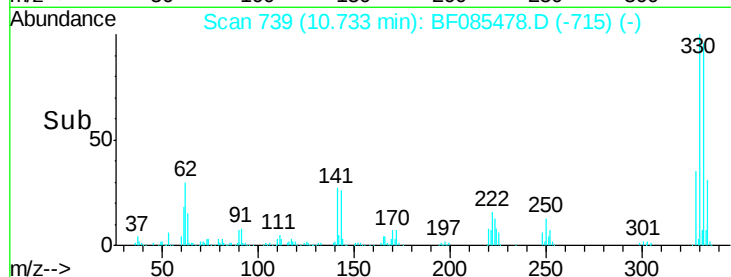
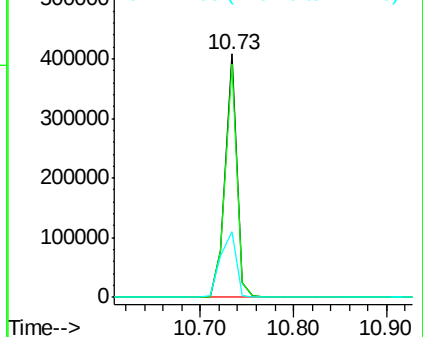
#41
 2,4,6-Tribromophenol
 Concen: 309.06 ng
 RT: 10.73 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF085478.D
 Acq: 16 Mar 2016 22:58

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)

Tgt Ion:330 Resp: 356061
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 36.4 35.0 52.6

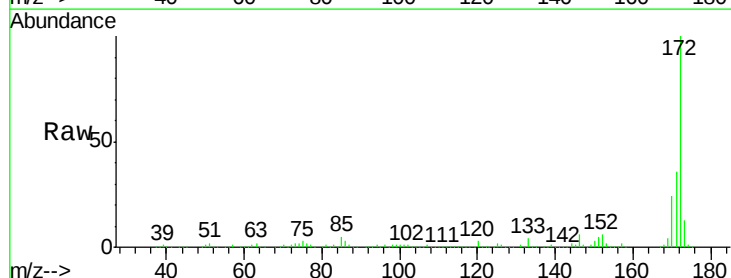


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

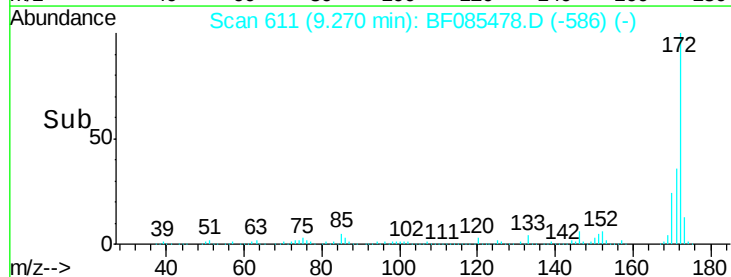
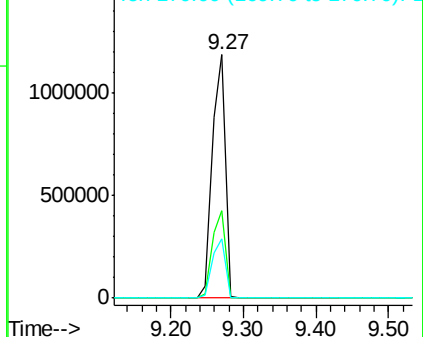


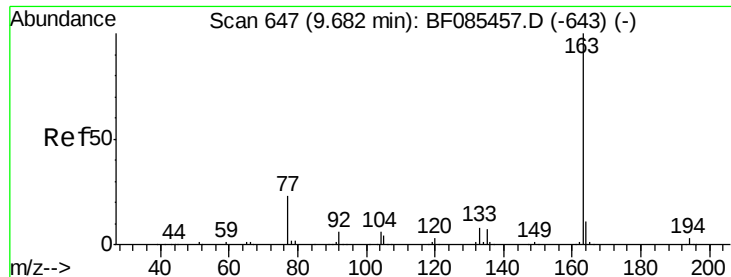
#44
 2-Fluorobiphenyl
 Concen: 204.10 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF085478.D
 Acq: 16 Mar 2016 22:58

Tgt Ion:172 Resp: 1471616
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.3 43.9
 170 24.3 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





#49

Dimethylphthalate

Concen: 41.08 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)

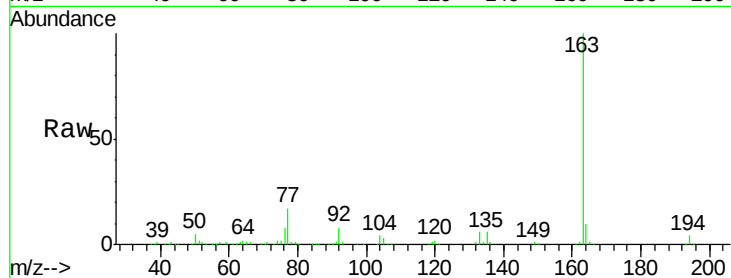
Tgt Ion:163 Resp: 374928

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

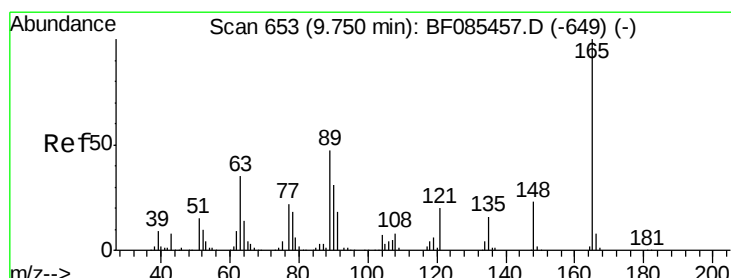
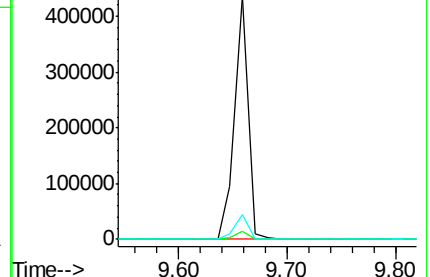
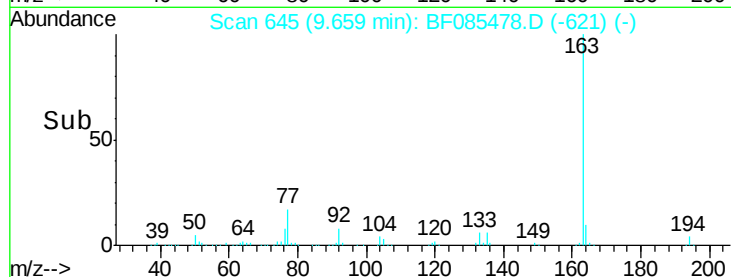
164 10.0 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 2.03 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.09 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

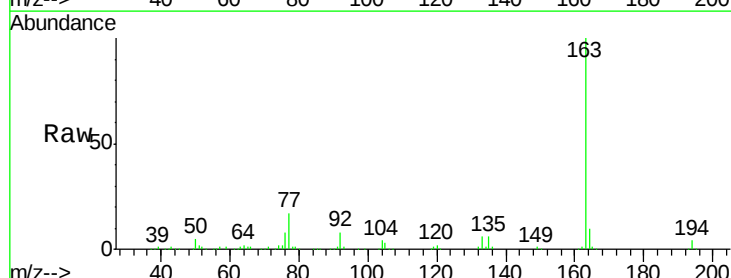
Tgt Ion:165 Resp: 4085

Ion Ratio Lower Upper

165 100

63 109.3 41.8 62.8#

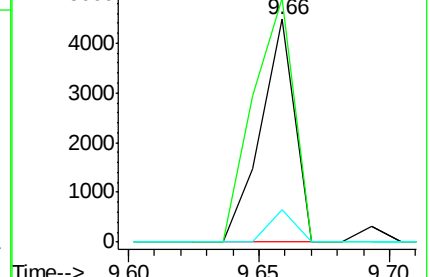
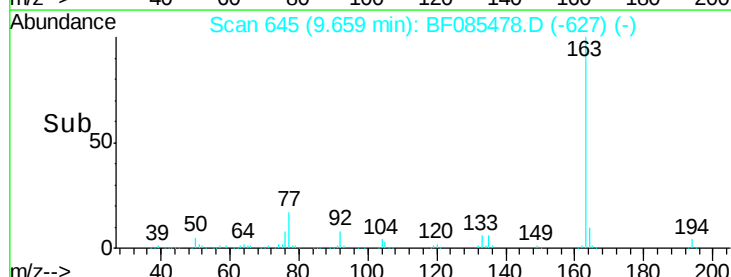
89 14.3 46.7 70.1#

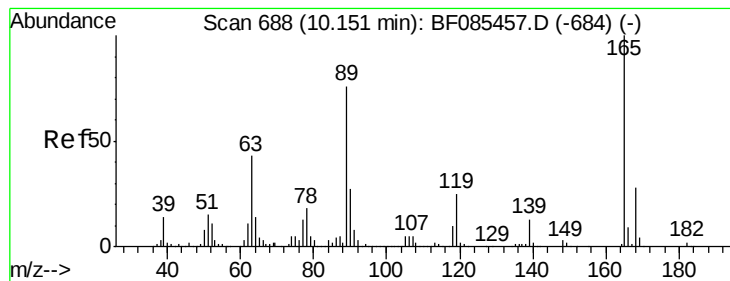


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.21 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.21 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)

Tgt Ion:165 Resp: 15691

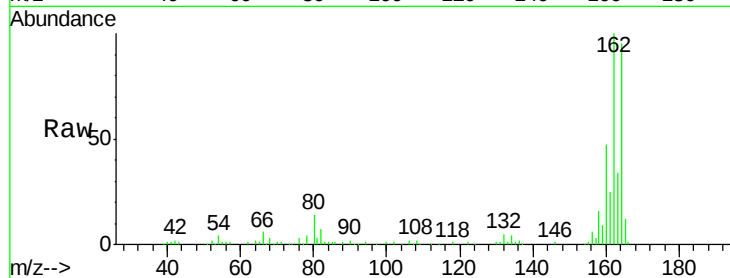
Ion Ratio Lower Upper

165 100

63 0.0 35.4 53.0#

89 0.0 61.9 92.9#

182 0.0 1.9 2.9#

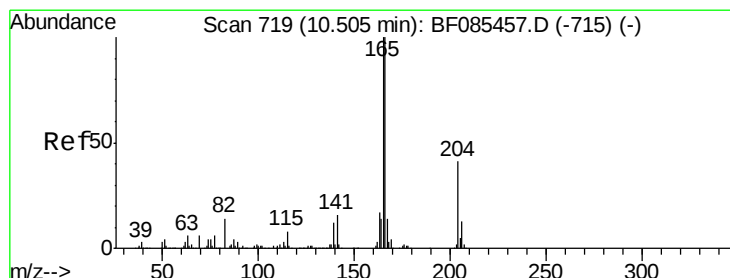
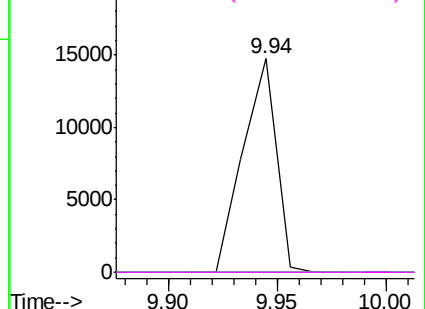
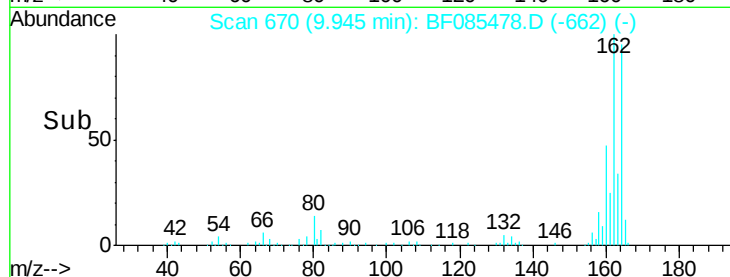


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: 2.20 ng

RT: 10.73 min Scan# 739

Delta R.T. 0.23 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

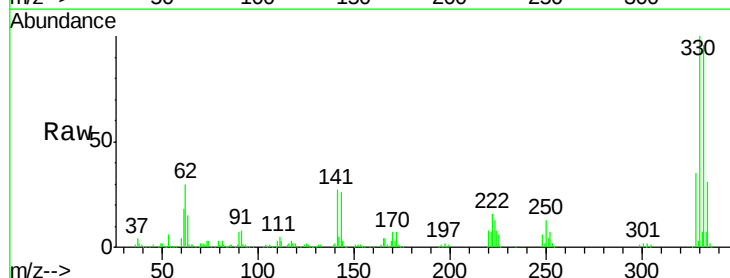
Tgt Ion:166 Resp: 16765

Ion Ratio Lower Upper

166 100

165 102.5 79.4 119.0

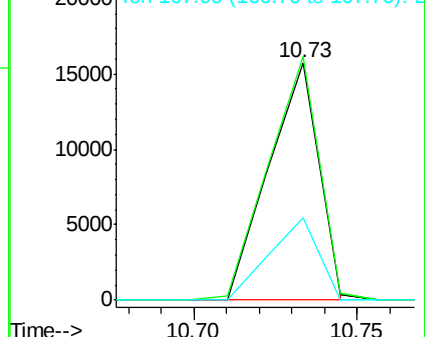
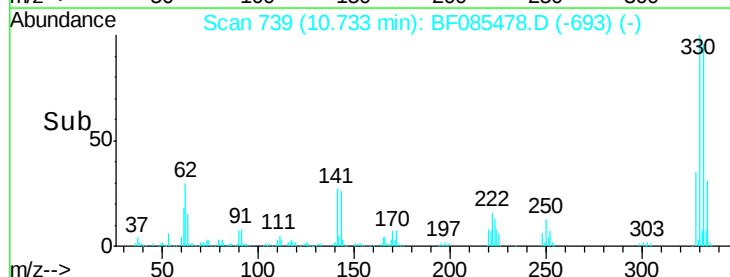
167 34.8 11.0 16.6#

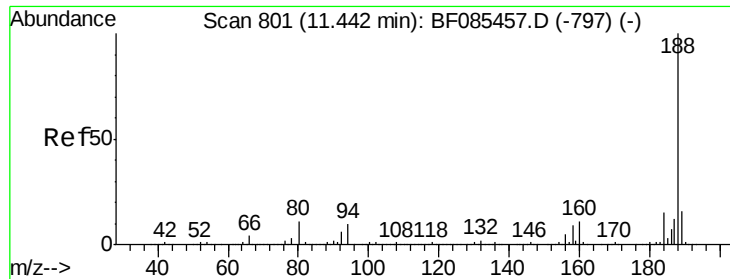


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

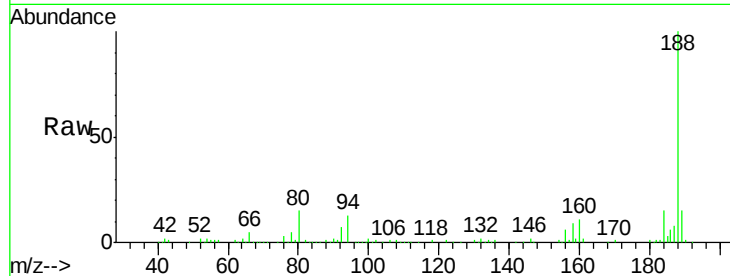




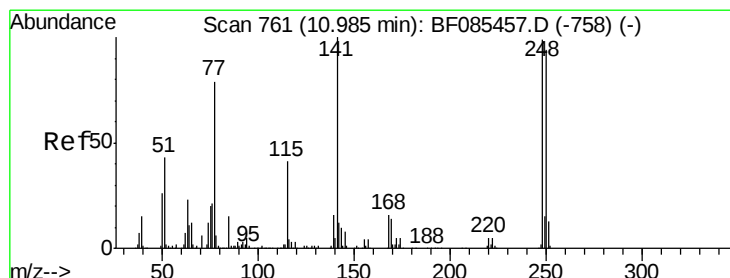
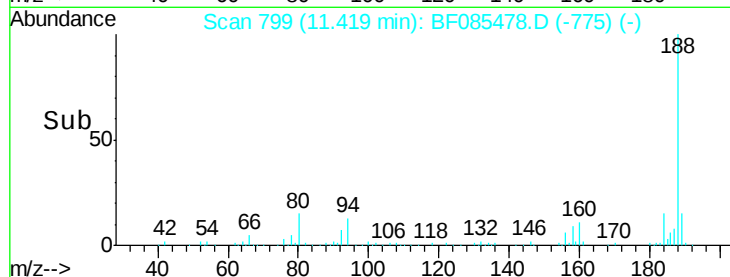
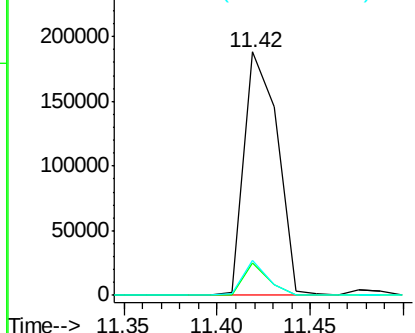
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF085478.D
Acq: 16 Mar 2016 22:58

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)

Tgt Ion:188 Resp: 234032
Ion Ratio Lower Upper
188 100
94 13.4 7.0 10.6#
80 14.6 7.4 11.0#

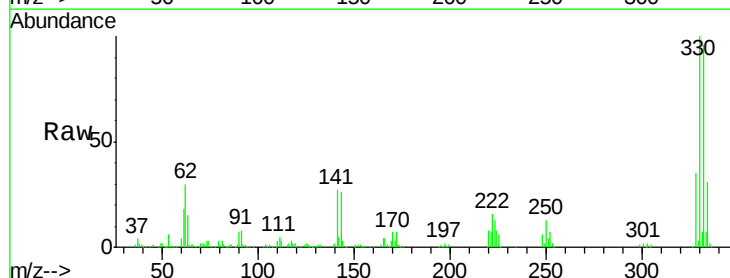


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

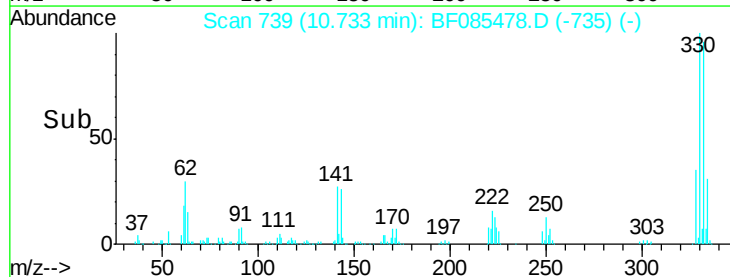
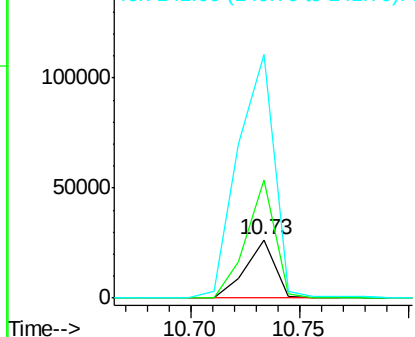


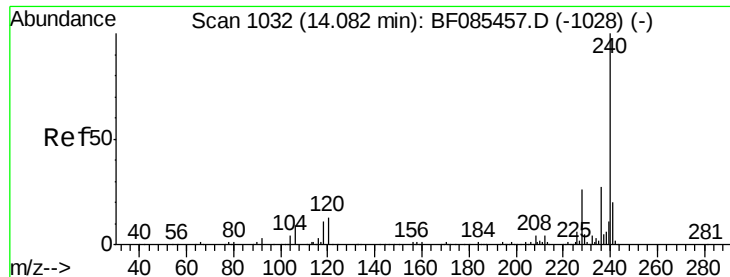
#66
4-Bromophenyl-phenylether
Concen: 10.47 ng
RT: 10.73 min Scan# 739
Delta R.T. -0.25 min
Lab File: BF085478.D
Acq: 16 Mar 2016 22:58

Tgt Ion:248 Resp: 24798
Ion Ratio Lower Upper
248 100
250 202.5 77.1 115.7#
141 417.4 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: 14.06 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)

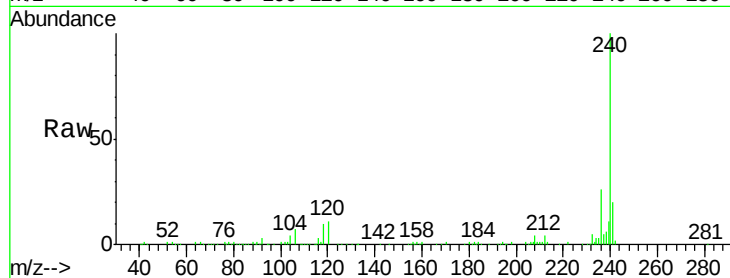
Tgt Ion:240 Resp: 165573

Ion Ratio Lower Upper

240 100

120 11.1 5.3 7.9#

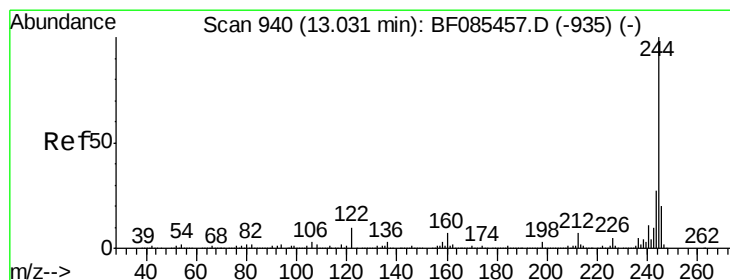
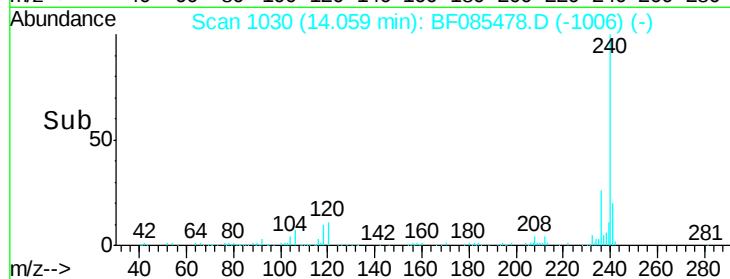
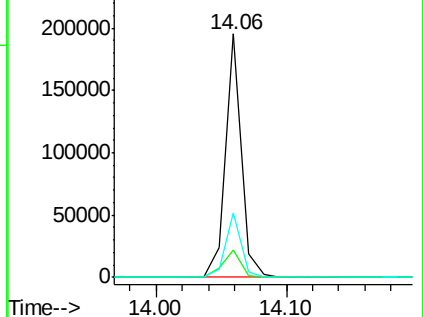
236 26.4 20.7 31.1



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: 213.68 ng

RT: 13.02 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

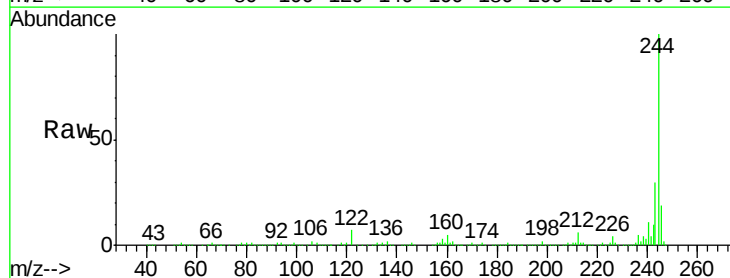
Tgt Ion:244 Resp: 1563973

Ion Ratio Lower Upper

244 100

212 6.5 6.4 9.6

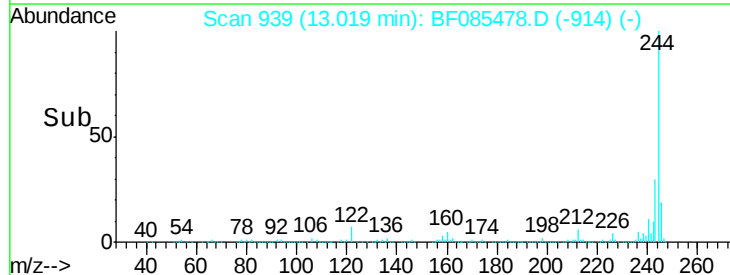
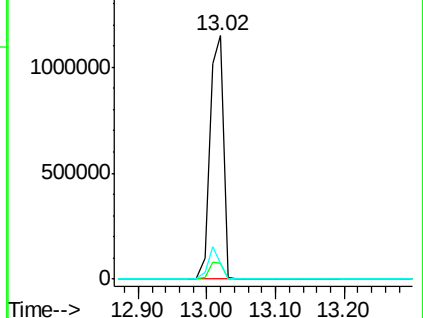
122 6.5 11.4 17.2#

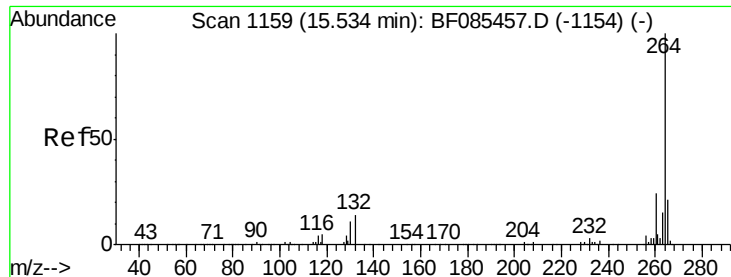


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.50 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF085478.D
Acq: 16 Mar 2016 22:58

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)

Tgt Ion: 264 Resp: 109289
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.8 17.3 25.9

