

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083835.D
 Acq On : 16 Dec 2015 1:23
 Operator : UM/IZ
 Sample : G4797-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPMW1

Quant Time: Dec 16 04:31:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

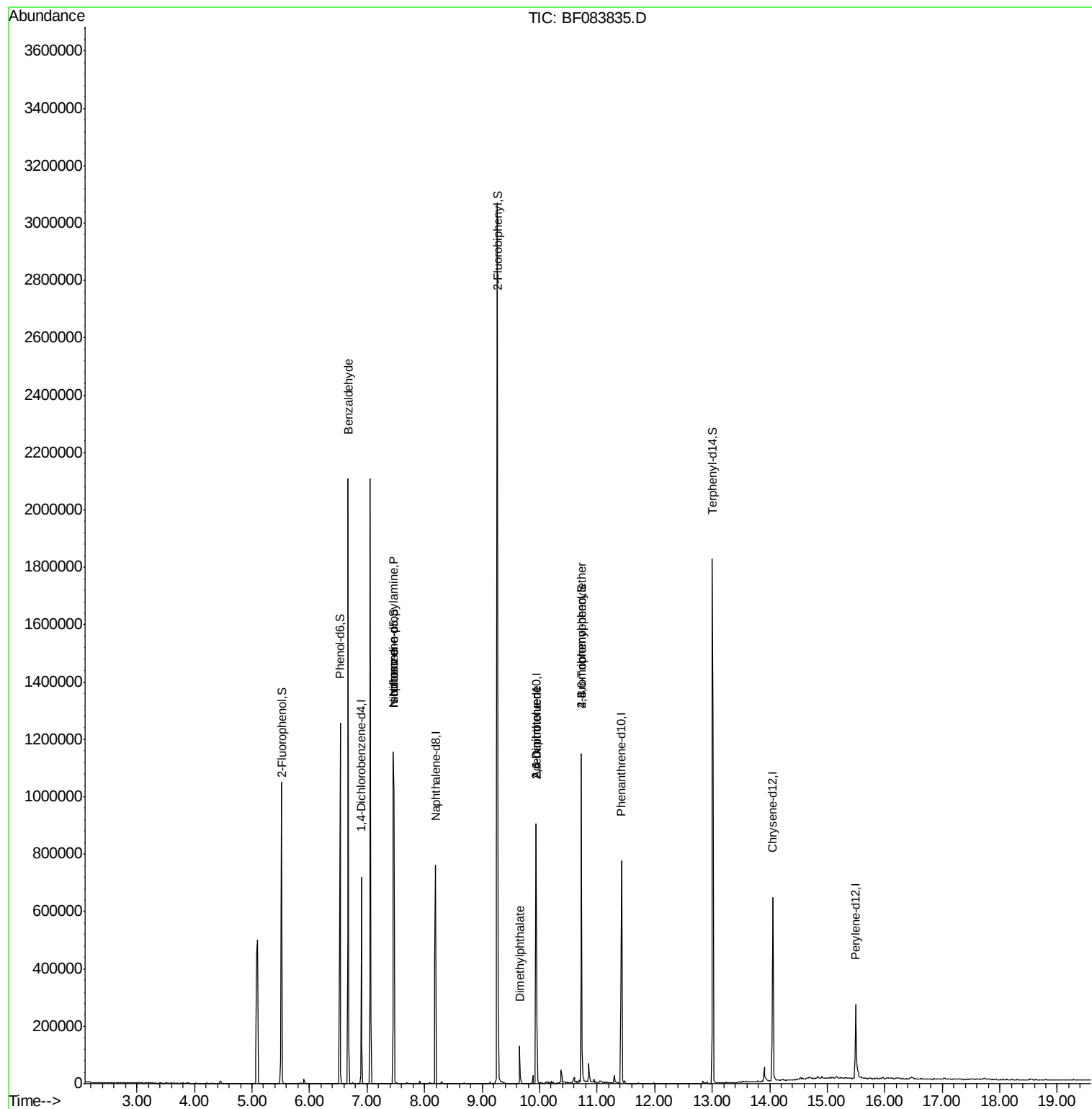
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	103313	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	425428	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	184576	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	304665	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	236580	20.00	ng	-0.02
86) Perylene-d12	15.49	264	167627	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	439042	68.56	ng	-0.01
7) Phenol-d6	6.53	99	472032	58.20	ng	-0.01
23) Nitrobenzene-d5	7.46	82	577699	75.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	153972	81.87	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	976780	74.78	ng	-0.02
78) Terphenyl-d14	13.00	244	782674	71.16	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	12937	2.97	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.46	70	75463	15.20	ng	# 72
25) Isophorone	7.46	82	524318	35.14	ng	# 69
49) Dimethylphthalate	9.65	163	58172	4.04	ng	99
50) 2,6-Dinitrotoluene	9.94	165	22980	7.52	ng	# 17
56) 2,4-Dinitrotoluene	9.94	165	22980	5.76	ng	# 12
66) 4-Bromophenyl-phenylether	10.73	248	10033	2.95	ng	# 1

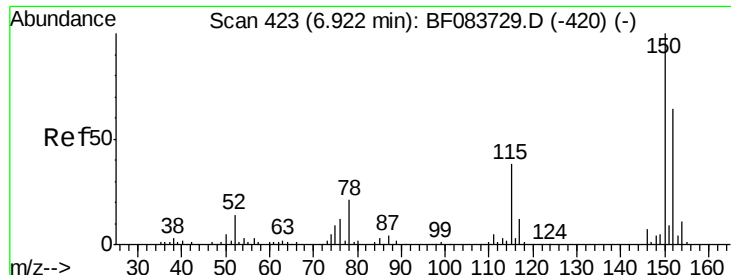
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
TPMW1

Quant Time: Dec 16 04:31:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083835.D

Acq: 16 Dec 2015 1:23

Instrument :

BNA_F

ClientSampled :

TPMW1

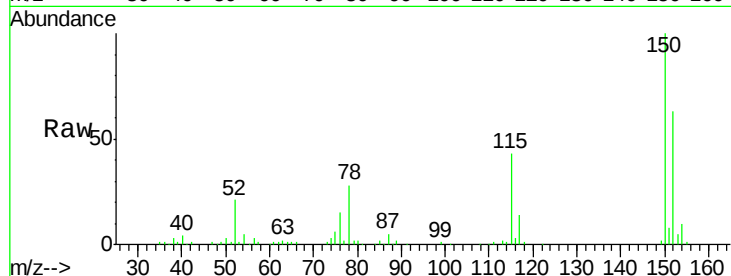
Tgt Ion:152 Resp: 103313

Ion Ratio Lower Upper

152 100

150 159.3 126.5 189.7

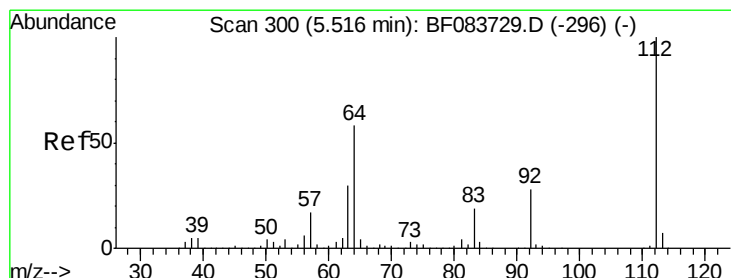
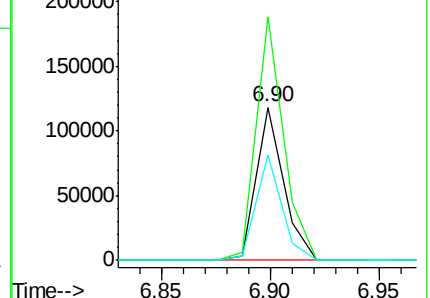
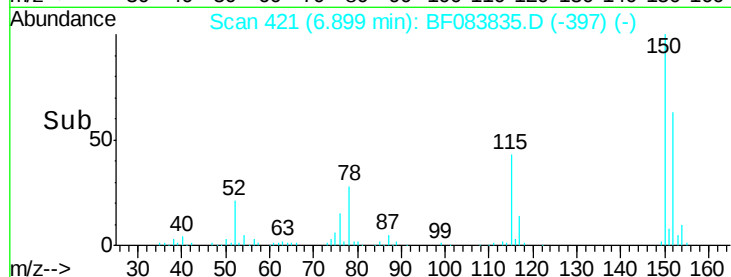
115 69.2 52.3 78.5



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: 68.56 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083835.D

Acq: 16 Dec 2015 1:23

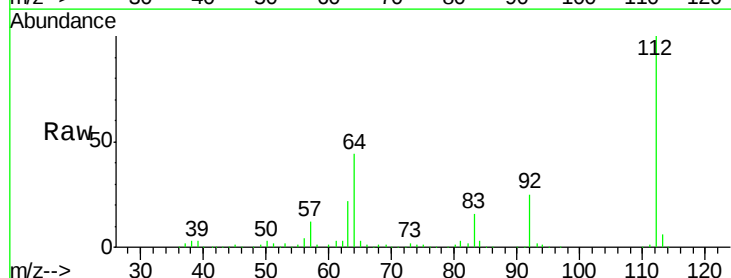
Tgt Ion:112 Resp: 439042

Ion Ratio Lower Upper

112 100

64 43.6 50.5 75.7#

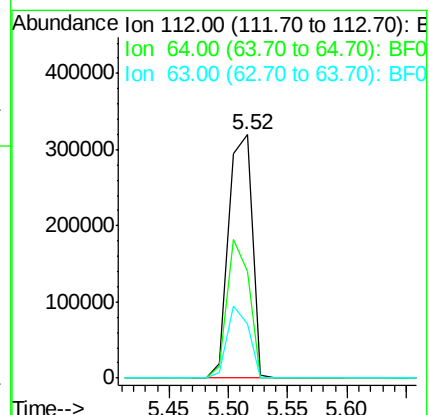
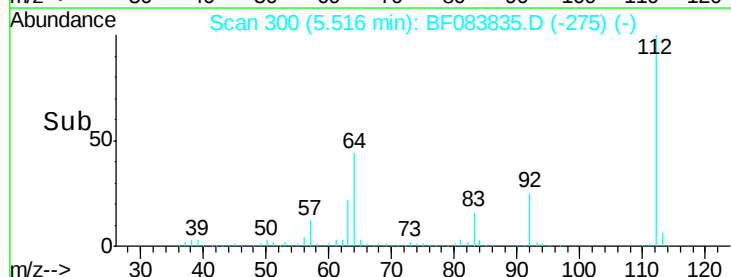
63 22.4 25.8 38.6#

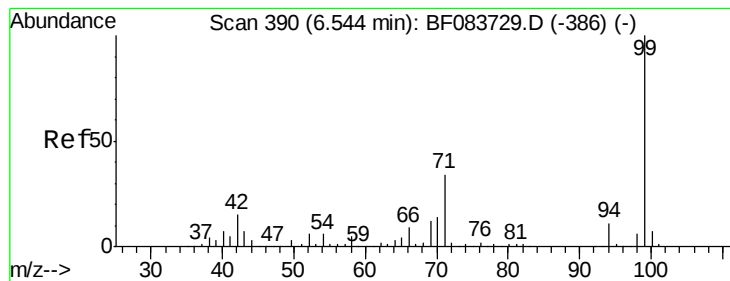


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 58.20 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083835.D

Acq: 16 Dec 2015 1:23

Instrument :

BNA_F

ClientSampleId :

TPMW1

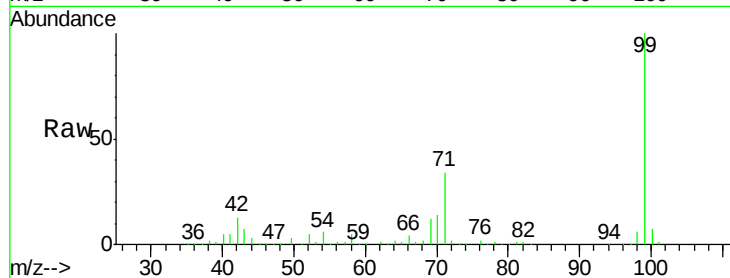
Tgt Ion: 99 Resp: 472032

Ion Ratio Lower Upper

99 100

42 13.2 17.3 25.9#

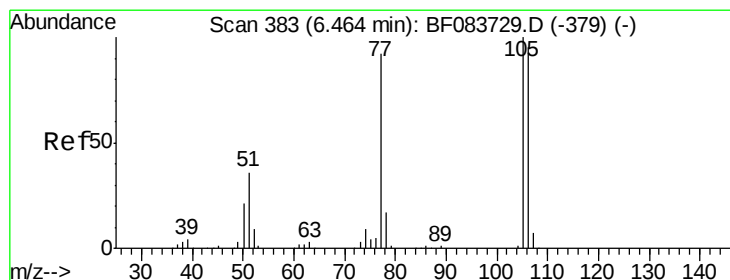
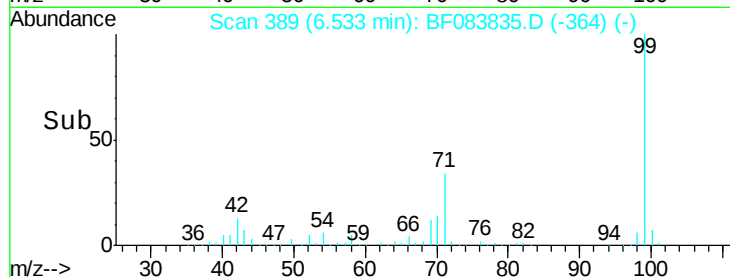
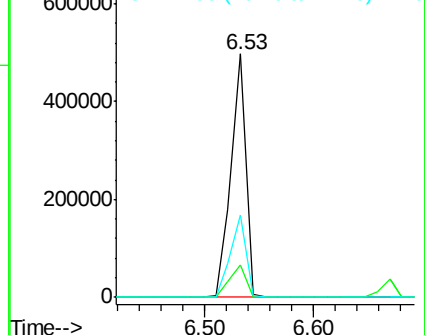
71 33.6 26.6 40.0



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: 2.97 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083835.D

Acq: 16 Dec 2015 1:23

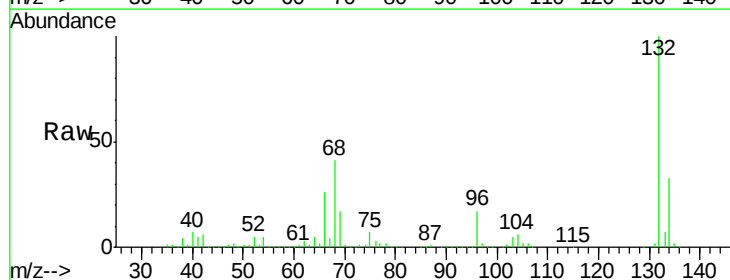
Tgt Ion: 77 Resp: 12937

Ion Ratio Lower Upper

77 100

105 81.0 71.8 111.8

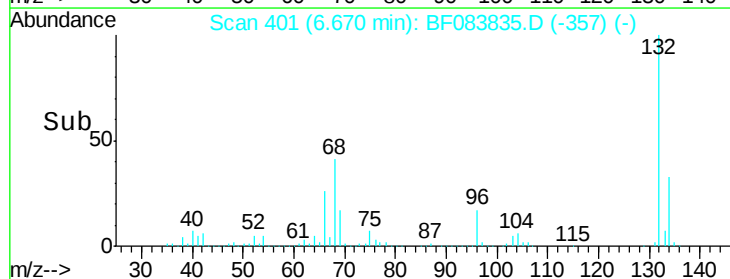
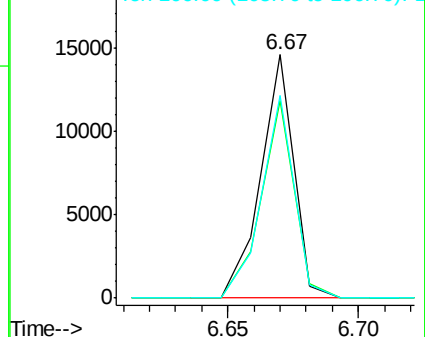
106 83.4 66.8 106.8

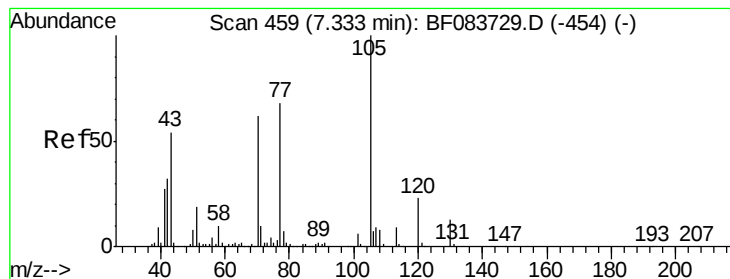


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 15.20 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.11 min

Lab File: BF083835.D

Acq: 16 Dec 2015 1:23

Instrument :

BNA_F

ClientSampleId :

TPMW1

Tgt Ion: 70 Resp: 75463

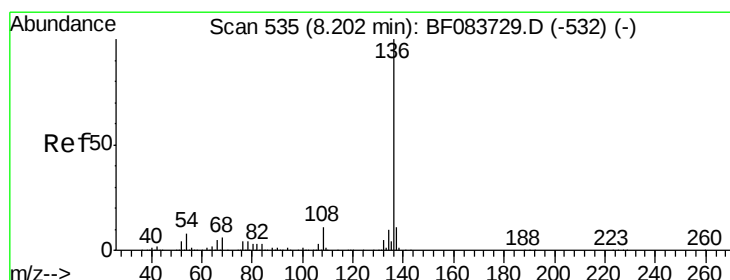
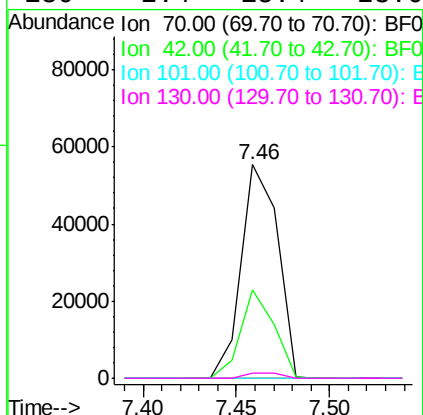
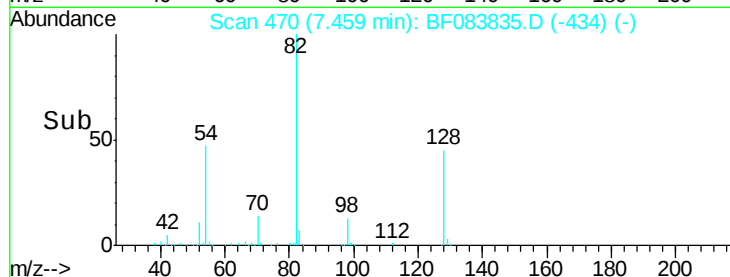
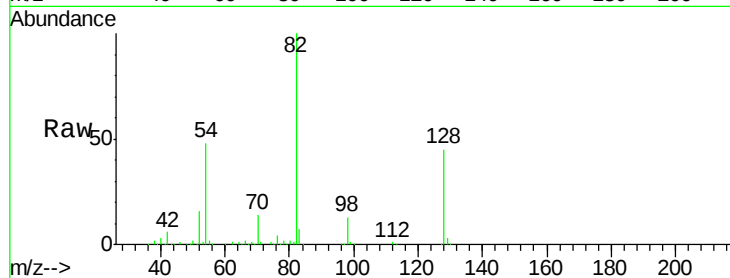
Ion Ratio Lower Upper

70 100

42 41.6 49.2 73.8#

101 0.0 7.1 10.7#

130 2.4 15.4 23.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF083835.D

Acq: 16 Dec 2015 1:23

Tgt Ion: 136 Resp: 425428

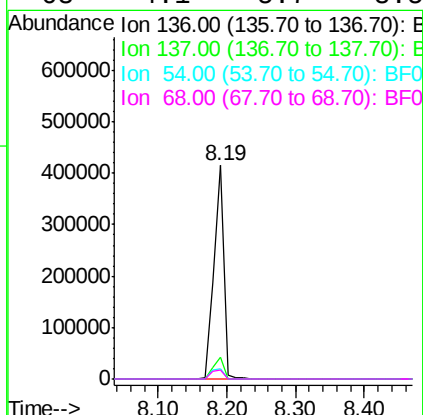
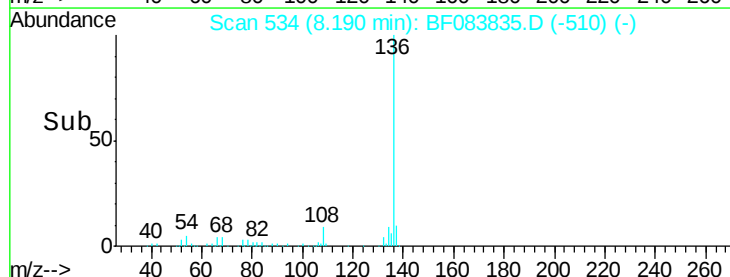
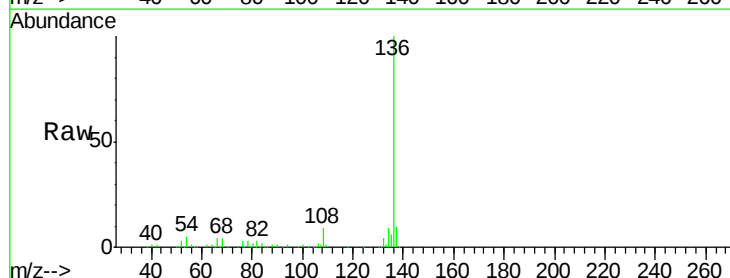
Ion Ratio Lower Upper

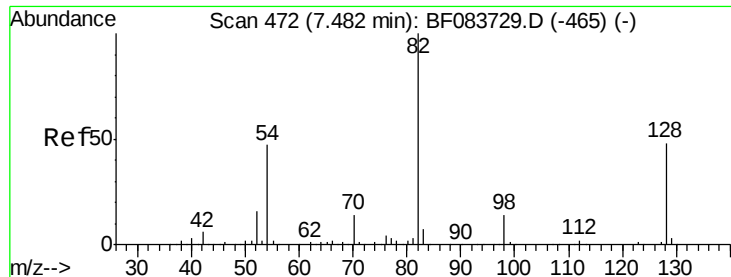
136 100

137 10.4 8.7 13.1

54 4.8 7.8 11.6#

68 4.1 5.7 8.5#

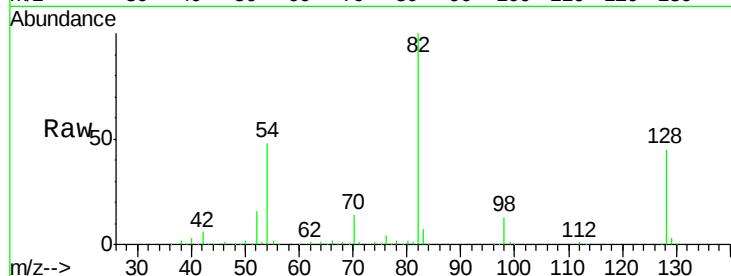




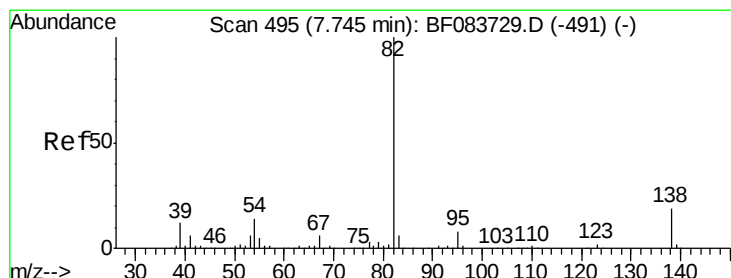
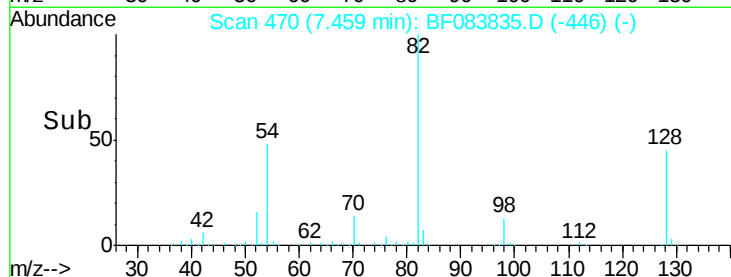
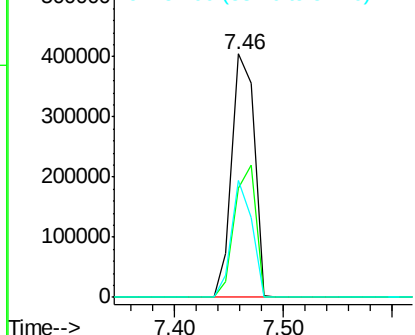
#23
 Nitrobenzene-d5
 Concen: 75.97 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083835.D
 Acq: 16 Dec 2015 1:23

Instrument :
 BNA_F
 ClientSampleId :
 TPMW1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.7	30.7	46.1
54	47.8	42.5	63.7

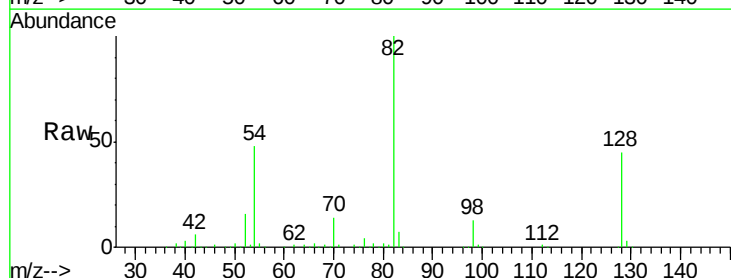


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

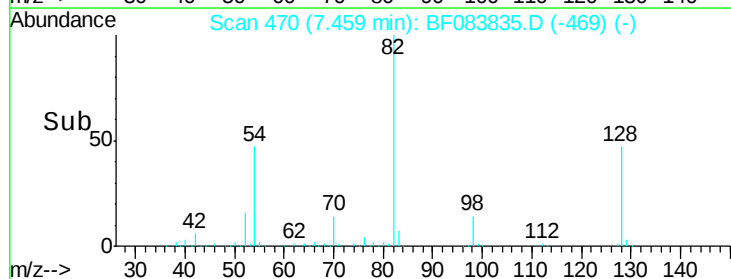
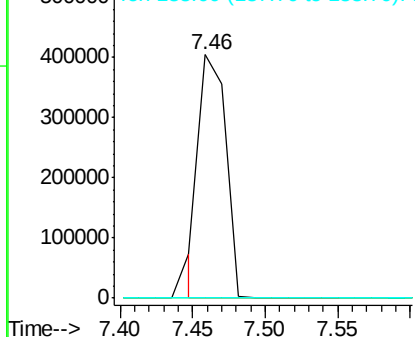


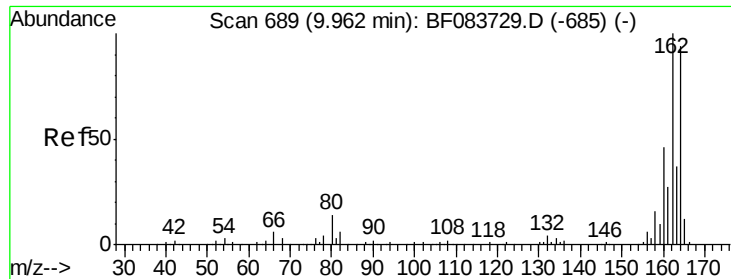
#25
 Isophorone
 Concen: 35.14 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083835.D
 Acq: 16 Dec 2015 1:23

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.1	18.1#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083835.D

Acq: 16 Dec 2015 1:23

Instrument :

BNA_F

ClientSampleId :

TPMW1

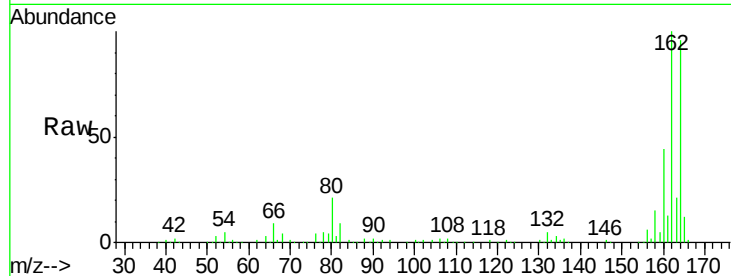
Tgt Ion:164 Resp: 184576

Ion Ratio Lower Upper

164 100

162 104.5 78.8 118.2

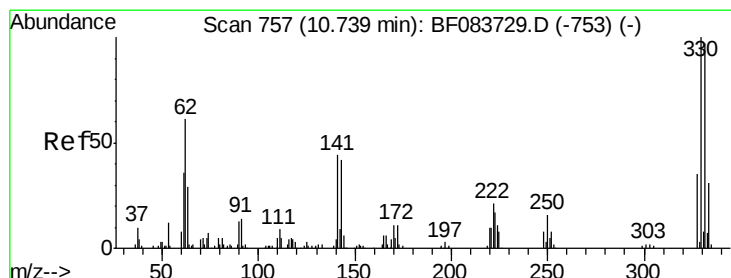
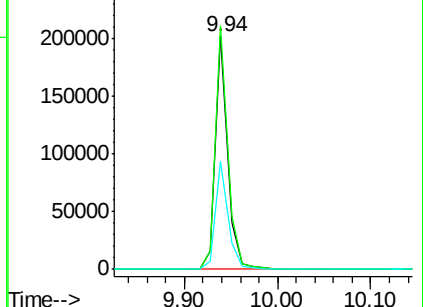
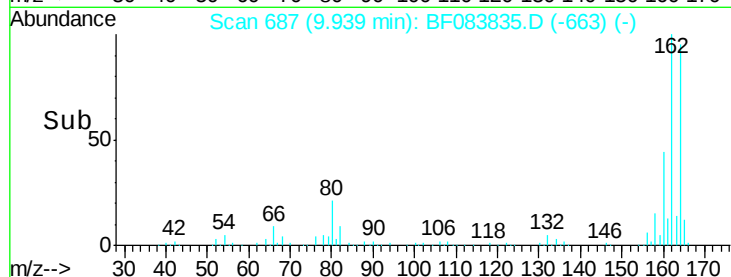
160 46.3 33.4 50.2



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: 81.87 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF083835.D

Acq: 16 Dec 2015 1:23

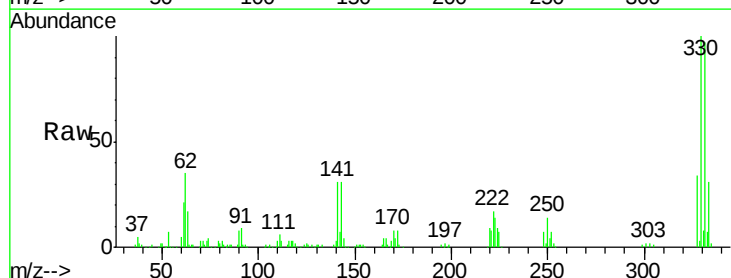
Tgt Ion:330 Resp: 153972

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

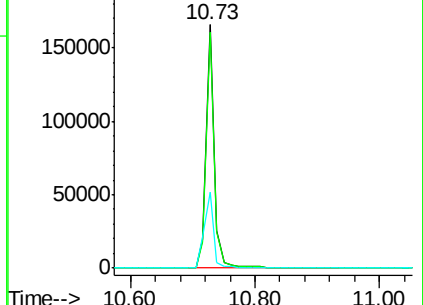
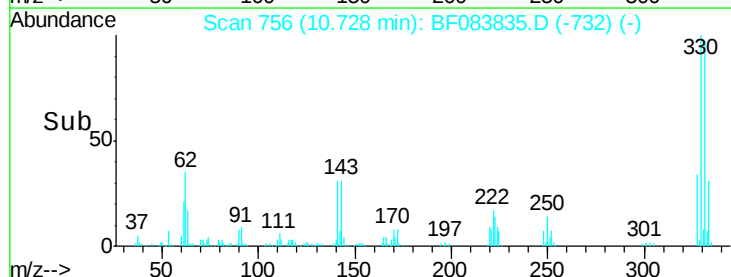
141 35.6 0.0 0.0#

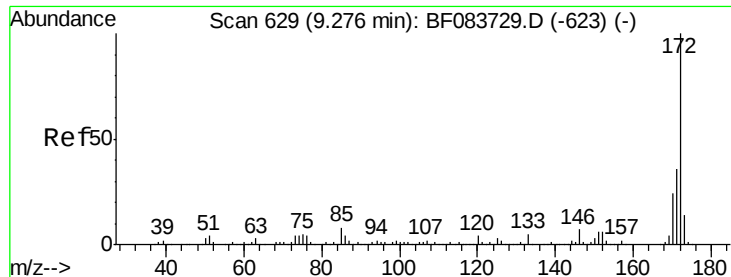


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

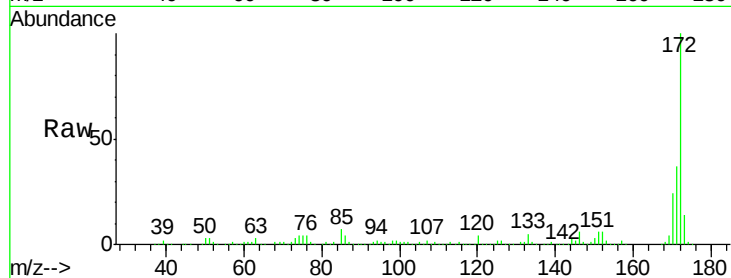




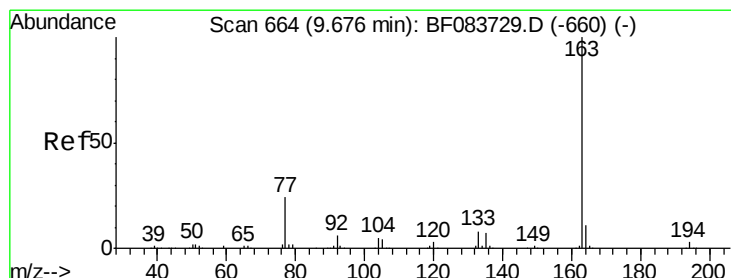
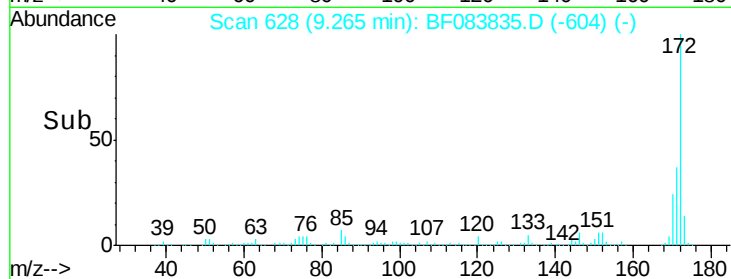
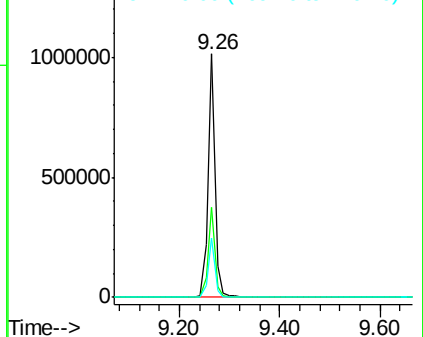
#44
 2-Fluorobiphenyl
 Concen: 74.78 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083835.D
 Acq: 16 Dec 2015 1:23

Instrument :
 BNA_F
 ClientSampleId :
 TPMW1

Tgt Ion:172 Resp: 976780
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 42.8
 170 24.2 19.4 29.0

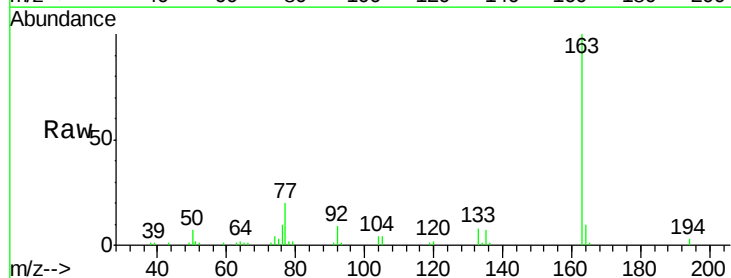


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

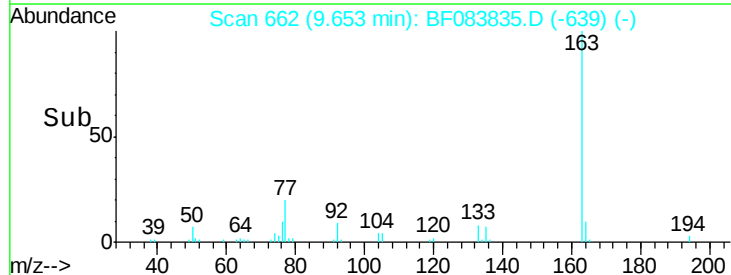
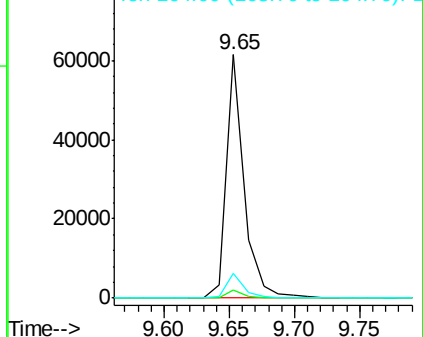


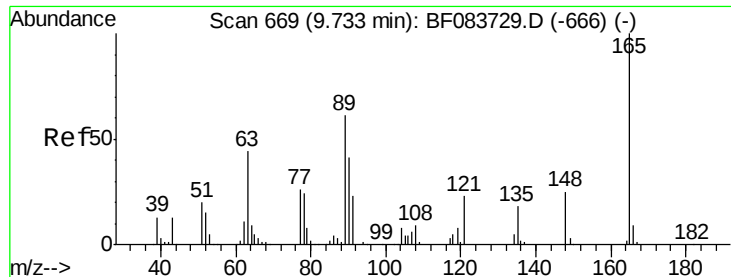
#49
 Dimethylphthalate
 Concen: 4.04 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.03 min
 Lab File: BF083835.D
 Acq: 16 Dec 2015 1:23

Tgt Ion:163 Resp: 58172
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.8 4.2
 164 10.2 8.6 13.0



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





#50

2,6-Dinitrotoluene

Concen: 7.52 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.19 min

Lab File: BF083835.D

Acq: 16 Dec 2015 1:23

Instrument :

BNA_F

ClientSampleId :

TPMW1

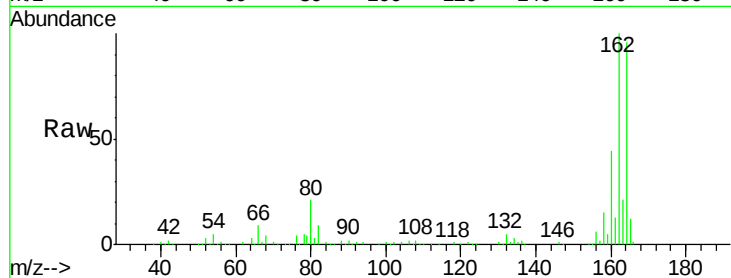
Tgt Ion:165 Resp: 22980

Ion Ratio Lower Upper

165 100

63 0.0 56.9 85.3#

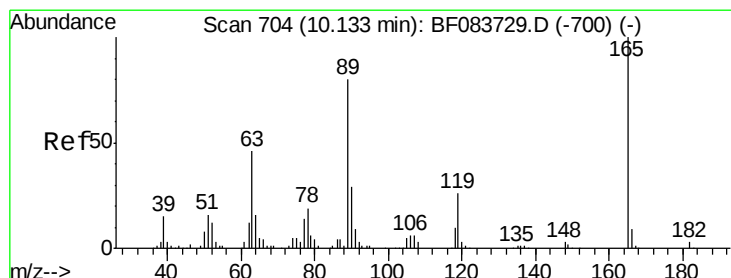
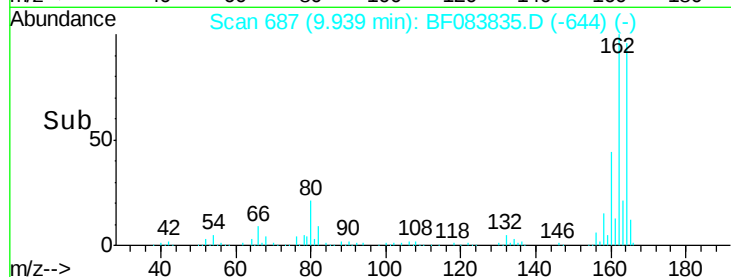
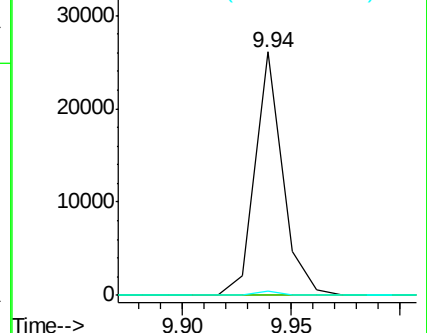
89 1.5 52.1 78.1#



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: 5.76 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.21 min

Lab File: BF083835.D

Acq: 16 Dec 2015 1:23

Tgt Ion:165 Resp: 22980

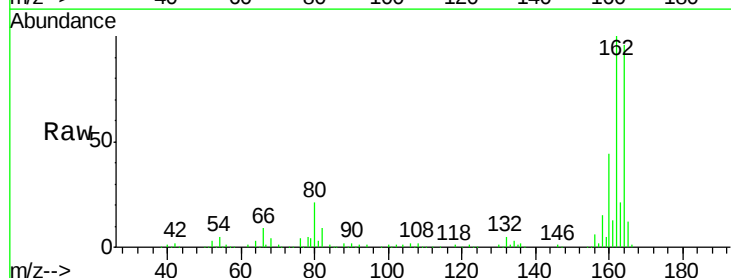
Ion Ratio Lower Upper

165 100

63 0.0 51.4 77.2#

89 1.5 72.6 108.8#

182 0.0 1.4 2.0#

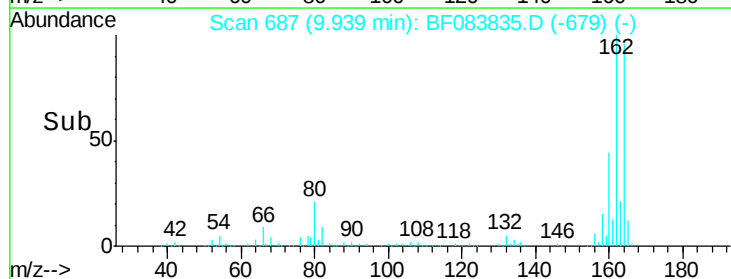
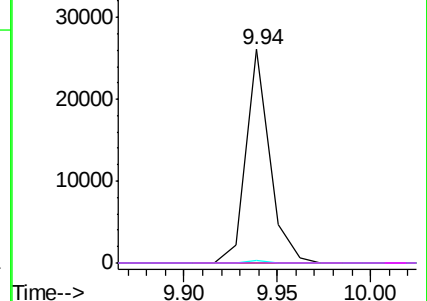


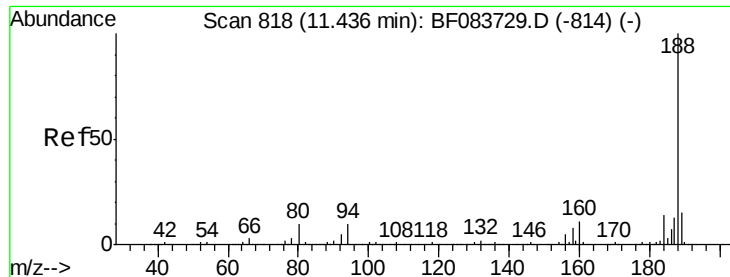
Abundance Ion 165.00 (164.70 to 165.70): E

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

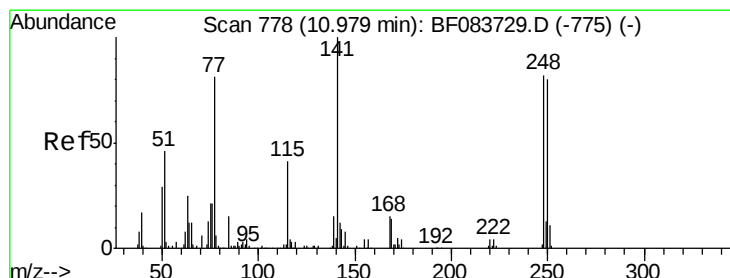
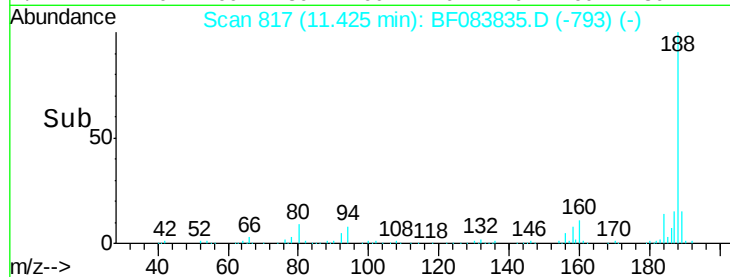
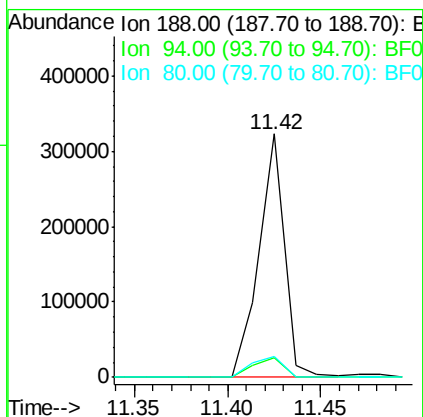
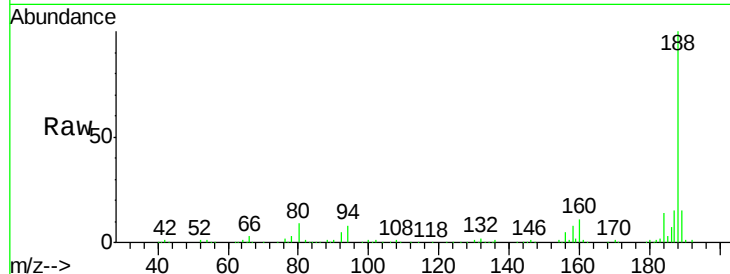




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF083835.D
 Acq: 16 Dec 2015 1:23

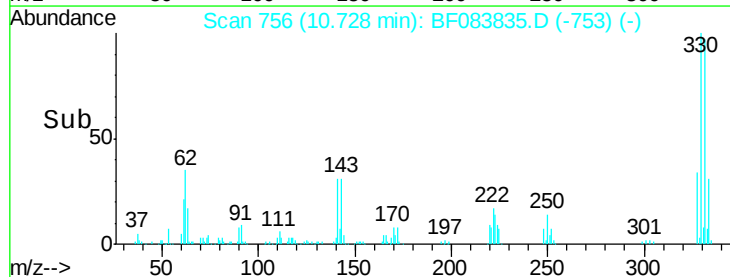
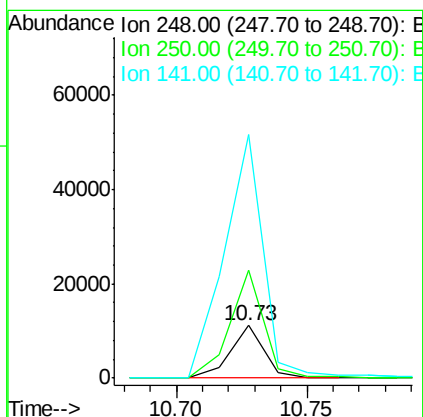
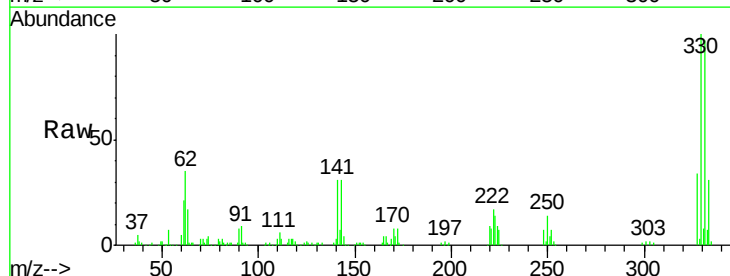
Instrument :
 BNA_F
 ClientSampleId :
 TPMW1

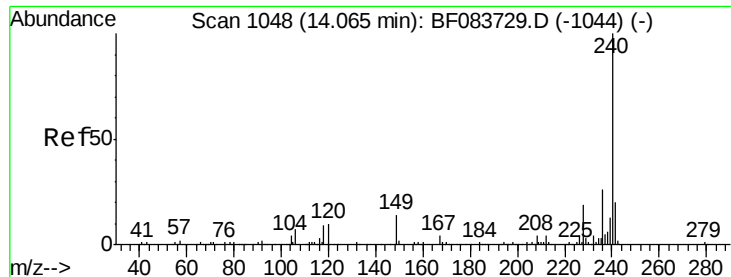
Tgt Ion:188 Resp: 304665
 Ion Ratio Lower Upper
 188 100
 94 8.1 9.4 14.2#
 80 8.6 10.6 16.0#



#66
 4-Bromophenyl-phenylether
 Concen: 2.95 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083835.D
 Acq: 16 Dec 2015 1:23

Tgt Ion:248 Resp: 10033
 Ion Ratio Lower Upper
 248 100
 250 206.7 79.2 118.8#
 141 464.8 58.2 87.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF083835.D

Acq: 16 Dec 2015 1:23

Instrument :

BNA_F

ClientSampleId :

TPMW1

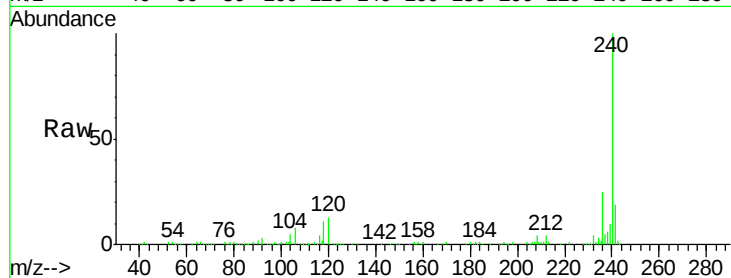
Tgt Ion:240 Resp: 236580

Ion Ratio Lower Upper

240 100

120 12.8 8.1 12.1#

236 25.4 20.8 31.2



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

300000

250000

200000

150000

100000

50000

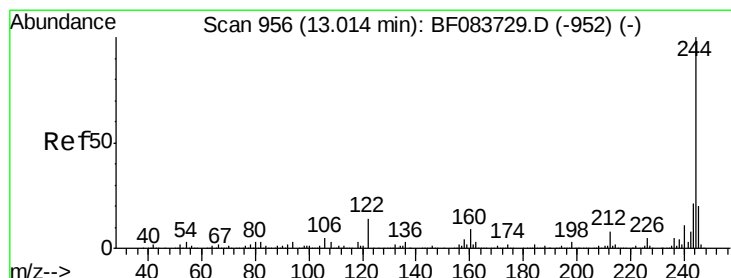
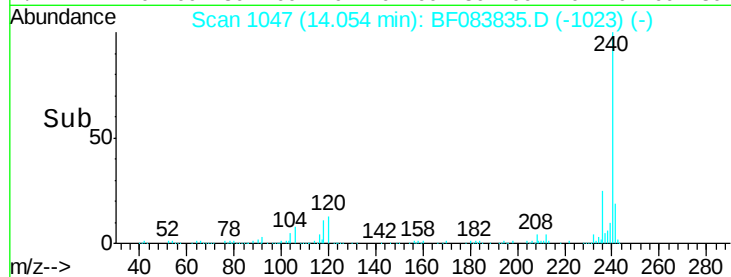
0

14.05

14.00

14.20

Time-->



#78

Terphenyl-d14

Concen: 71.16 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083835.D

Acq: 16 Dec 2015 1:23

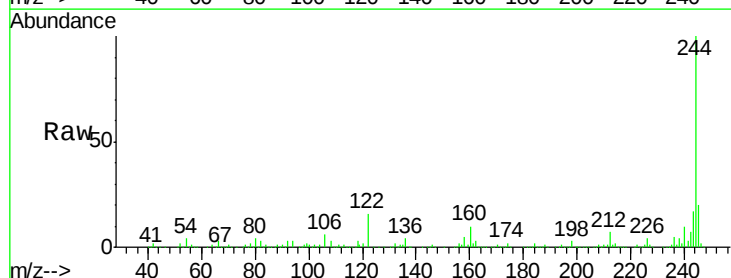
Tgt Ion:244 Resp: 782674

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 16.1 11.0 16.6



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

600000

400000

200000

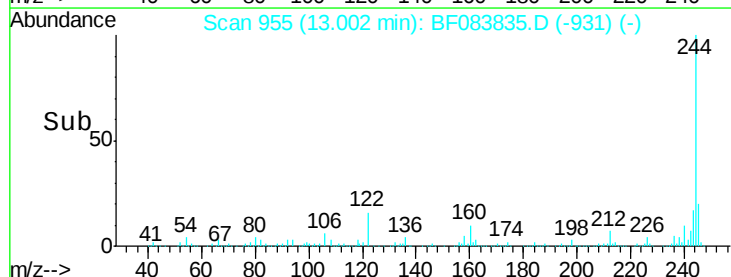
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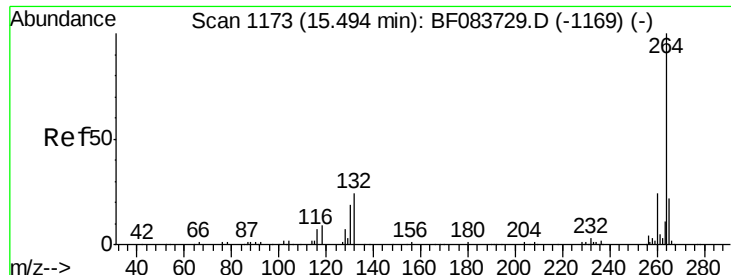
13.00

13.00

13.20

Time-->

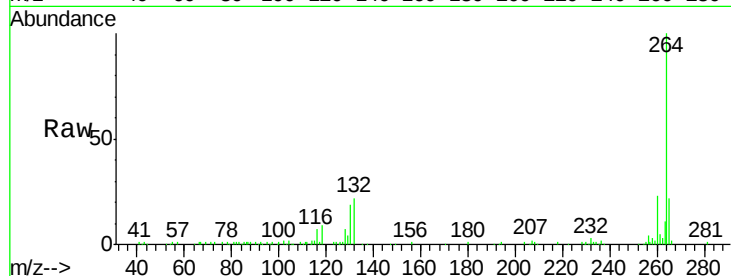




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083835.D
Acq: 16 Dec 2015 1:23

Instrument :
BNA_F
ClientSampleId :
TPMW1

Tgt Ion: 264 Resp: 167627
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.0
265 21.6 17.8 26.6



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

