

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086900.D
 Acq On : 11 May 2016 21:05
 Operator : UM/SJ
 Sample : H2894-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP18-8FT

Quant Time: May 12 00:54:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

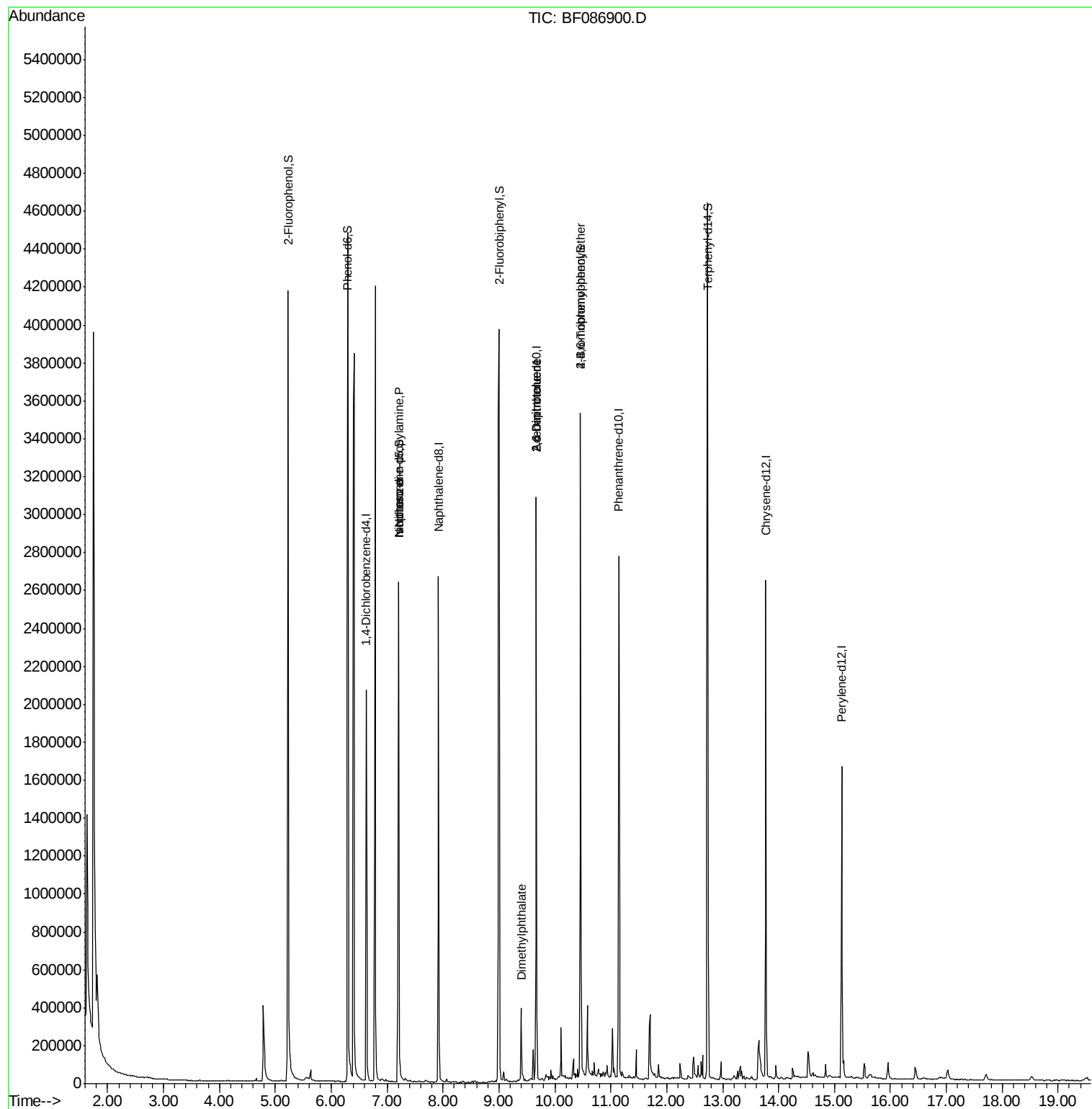
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	278069	20.00	ng	-0.07
21) Naphthalene-d8	7.92	136	1194874	20.00	ng	-0.07
38) Acenaphthene-d10	9.67	164	575231	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	984822	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	888623	20.00	ng	-0.07
86) Perylene-d12	15.13	264	703459	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1401143	85.33	ng	-0.05
7) Phenol-d6	6.30	99	1631813	74.36	ng	-0.07
23) Nitrobenzene-d5	7.21	82	1244961	52.32	ng	-0.05
41) 2,4,6-Tribromophenol	10.46	330	425938	69.94	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	1855188	54.20	ng	-0.05
78) Terphenyl-d14	12.73	244	1477123	35.27	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.21	70	174452	11.38	ng	# 82
25) Isophorone	7.21	82	1144833	25.93	ng	# 68
49) Dimethylphthalate	9.40	163	202988	4.63	ng	98
50) 2,6-Dinitrotoluene	9.67	165	75376	8.16	ng	# 21
56) 2,4-Dinitrotoluene	9.67	165	75380	6.60	ng	# 16
66) 4-Bromophenyl-phenylether	10.46	248	25785	2.58	ng	# 1

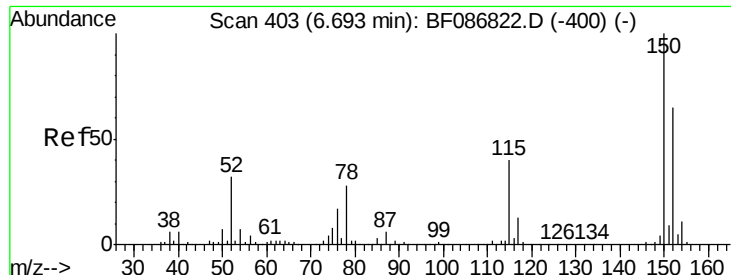
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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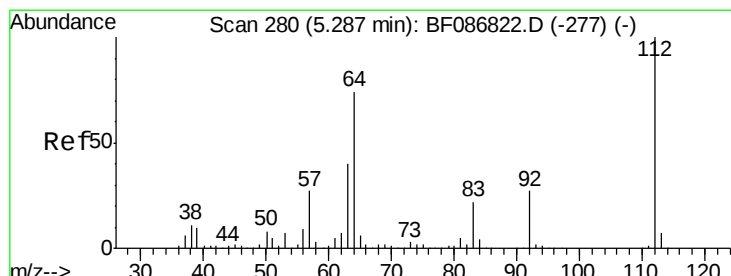
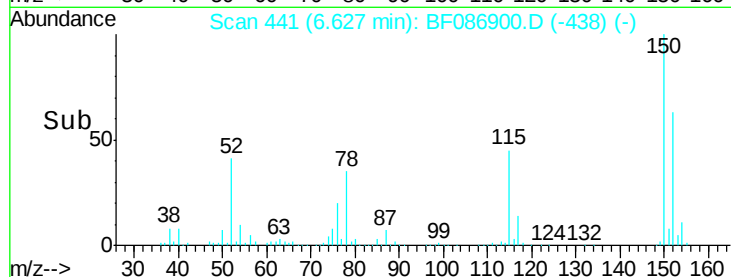
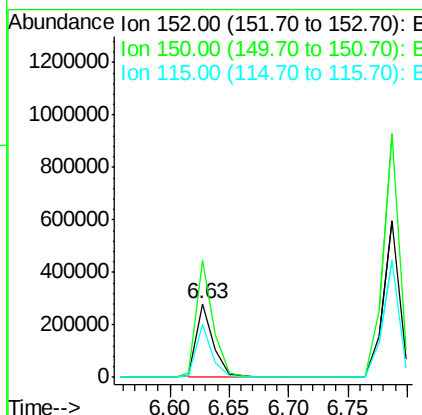
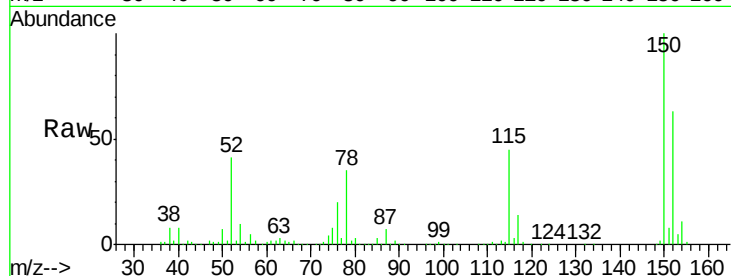




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.07 min
 Lab File: BF086900.D
 Acq: 11 May 2016 21:05

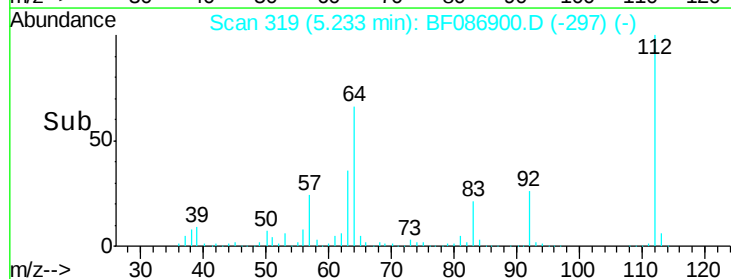
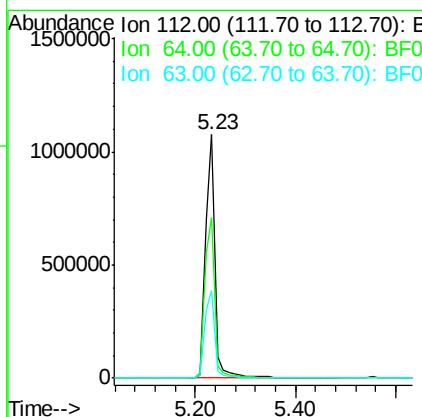
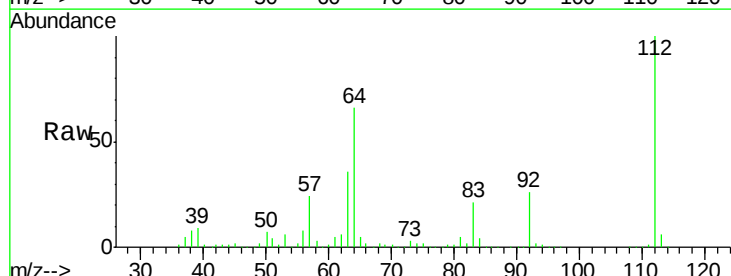
Instrument :
 BNA_F
 ClientSampleId :
 TP18-8FT

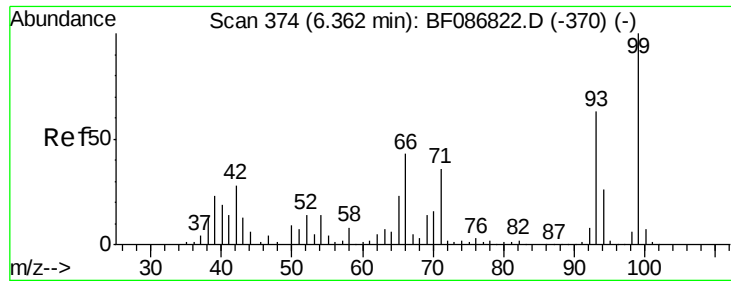
Tgt Ion:152 Resp: 278069
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.8 188.6
 115 72.0 51.5 77.3



#5
 2-Fluorophenol
 Concen: 85.33 ng
 RT: 5.23 min Scan# 319
 Delta R.T. -0.05 min
 Lab File: BF086900.D
 Acq: 11 May 2016 21:05

Tgt Ion:112 Resp: 1401143
 Ion Ratio Lower Upper
 112 100
 64 65.8 52.1 78.1
 63 35.8 25.7 38.5





#7

Phenol-d6

Concen: 74.36 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.07 min

Lab File: BF086900.D

Acq: 11 May 2016 21:05

Instrument :

BNA_F

ClientSampleId :

TP18-8FT

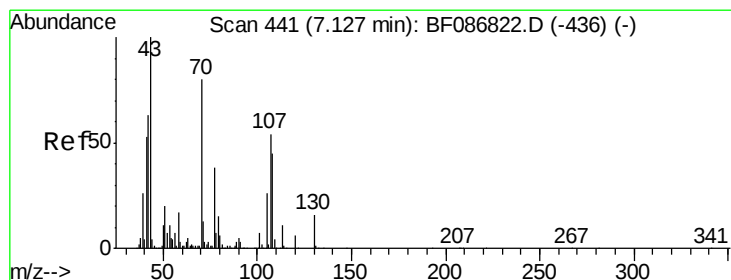
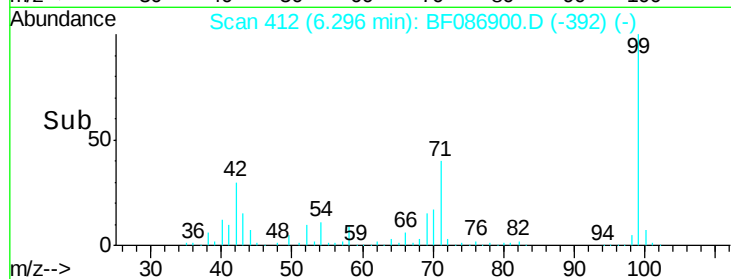
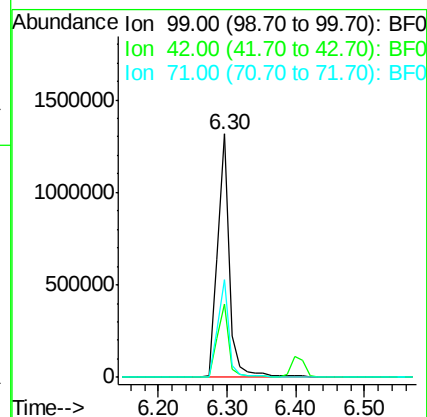
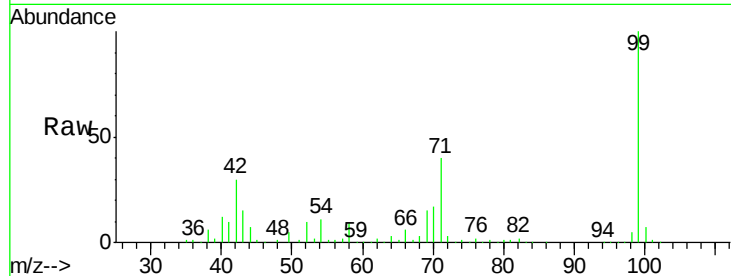
Tgt Ion: 99 Resp: 1631813

Ion Ratio Lower Upper

99 100

42 30.3 13.6 20.4#

71 40.1 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 11.38 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.08 min

Lab File: BF086900.D

Acq: 11 May 2016 21:05

Tgt Ion: 70 Resp: 174452

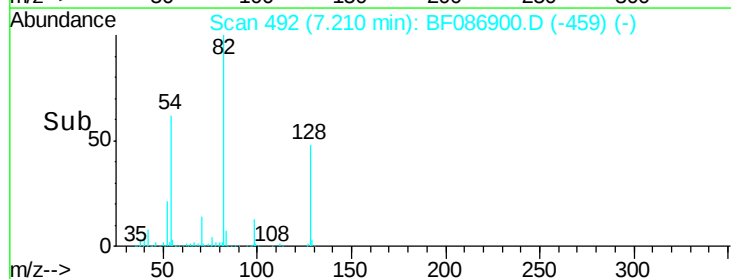
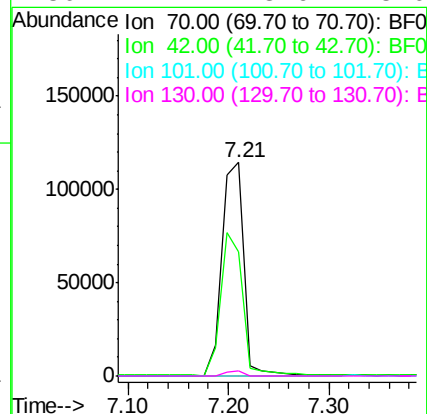
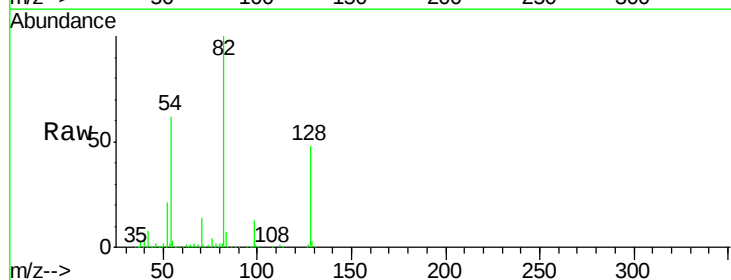
Ion Ratio Lower Upper

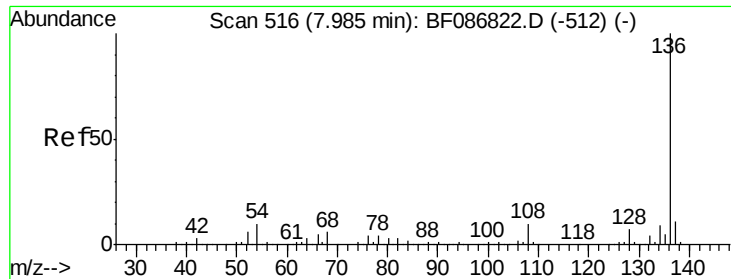
70 100

42 58.3 43.1 64.7

101 0.0 8.1 12.1#

130 2.2 18.6 28.0#

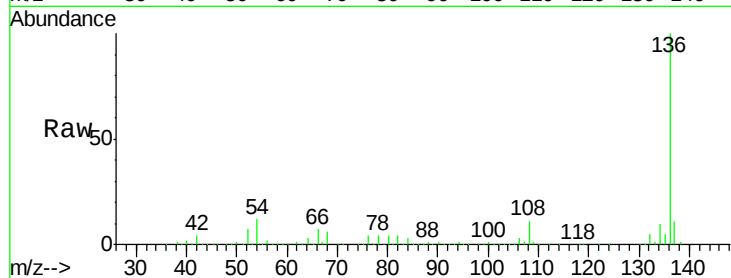




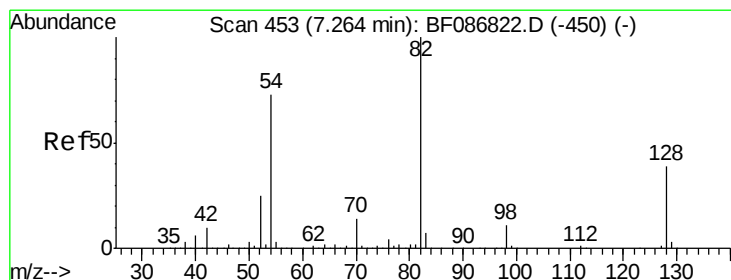
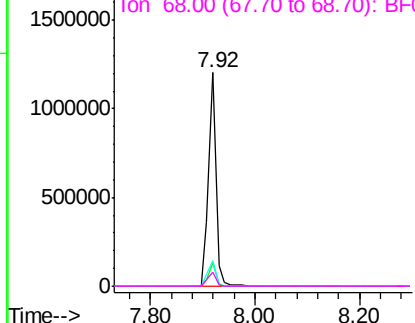
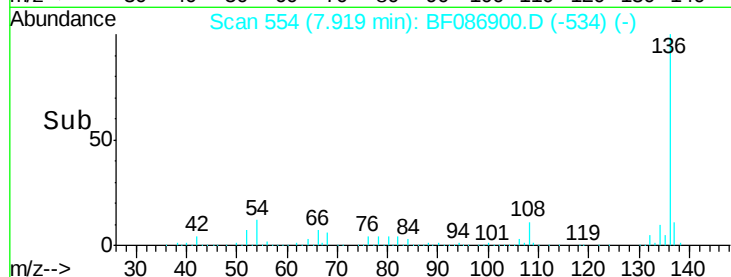
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.07 min
Lab File: BF086900.D
Acq: 11 May 2016 21:05

Instrument :
BNA_F
ClientSampleId :
TP18-8FT

Tgt Ion: 136 Resp: 1194874
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.8 5.0 7.4#
68 6.5 4.4 6.6

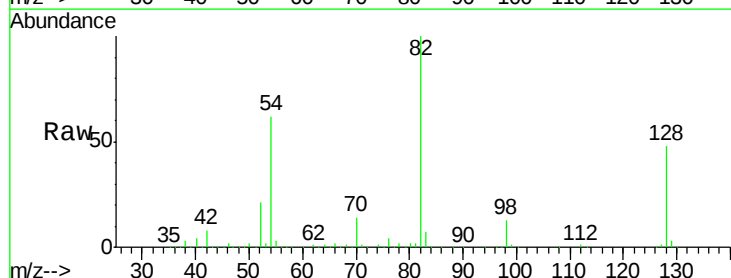


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

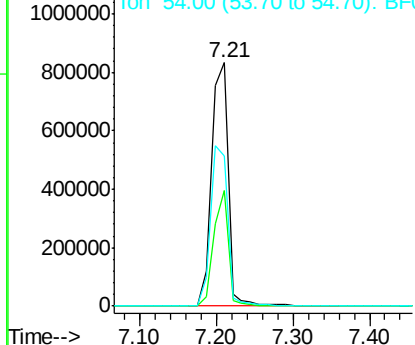
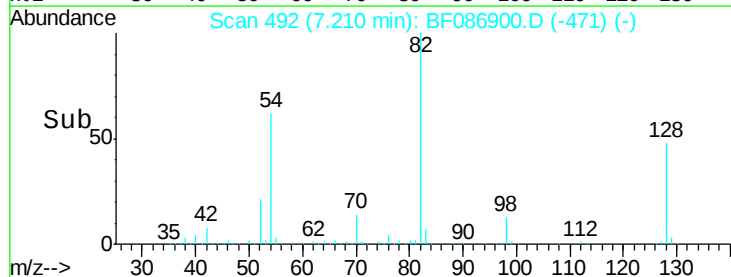


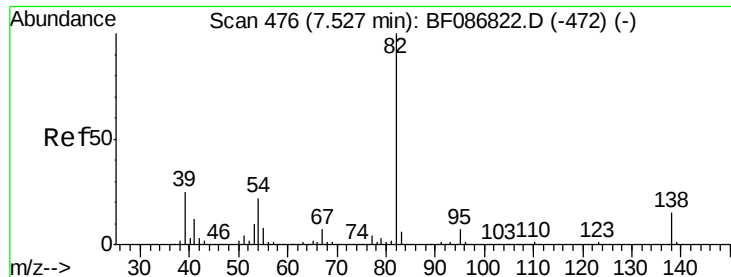
#23
Nitrobenzene-d5
Concen: 52.32 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.05 min
Lab File: BF086900.D
Acq: 11 May 2016 21:05

Tgt Ion: 82 Resp: 1244961
Ion Ratio Lower Upper
82 100
128 47.7 40.6 61.0
54 61.6 38.1 57.1#



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: 25.93 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.32 min

Lab File: BF086900.D

Acq: 11 May 2016 21:05

Instrument :

BNA_F

ClientSampleId :

TP18-8FT

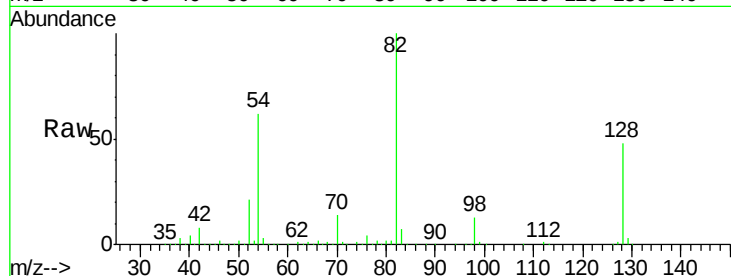
Tgt Ion: 82 Resp: 1144833

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

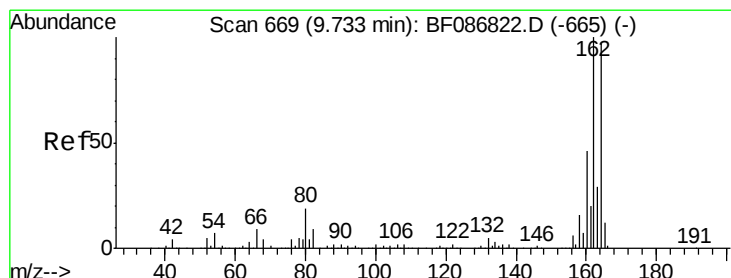
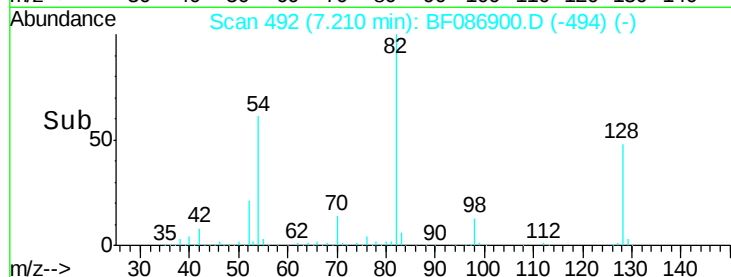
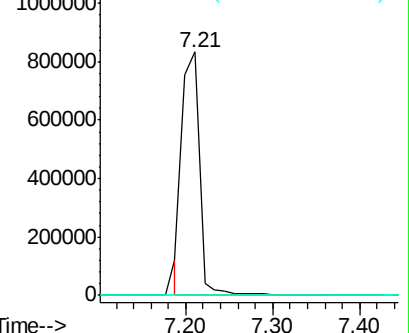
138 0.0 12.4 18.6#



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: 9.67 min Scan# 707

Delta R.T. -0.07 min

Lab File: BF086900.D

Acq: 11 May 2016 21:05

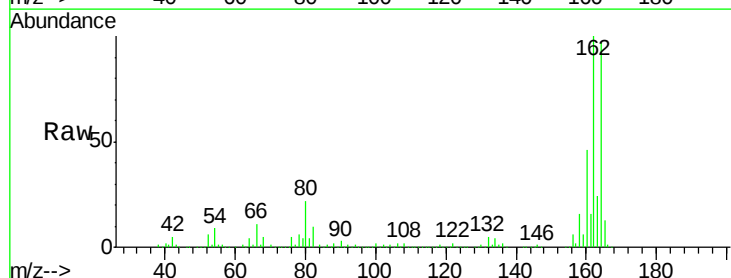
Tgt Ion: 164 Resp: 575231

Ion Ratio Lower Upper

164 100

162 103.1 82.8 124.2

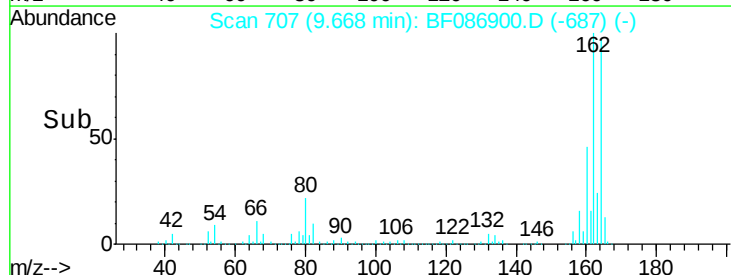
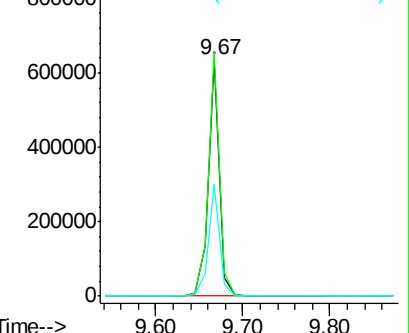
160 47.1 36.9 55.3

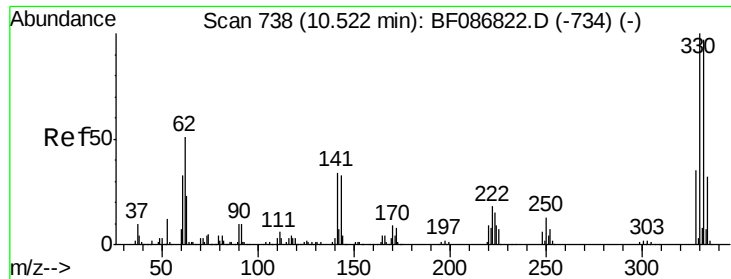


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

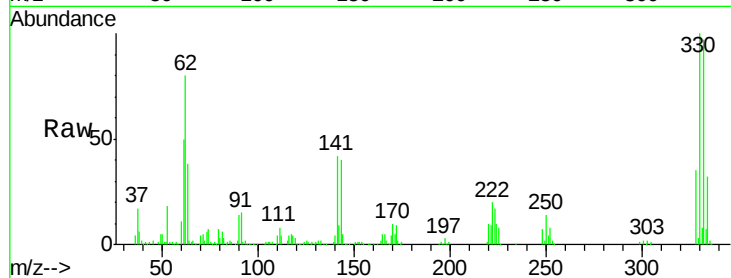




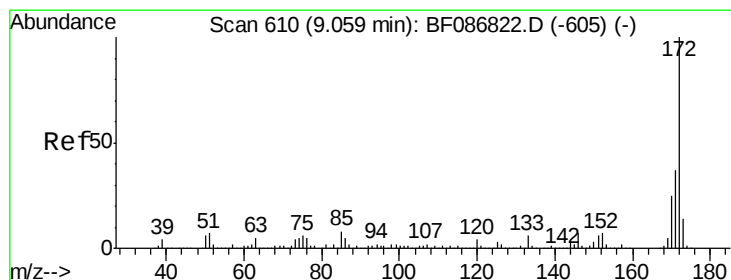
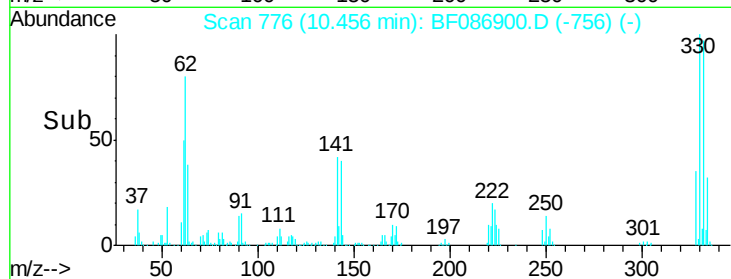
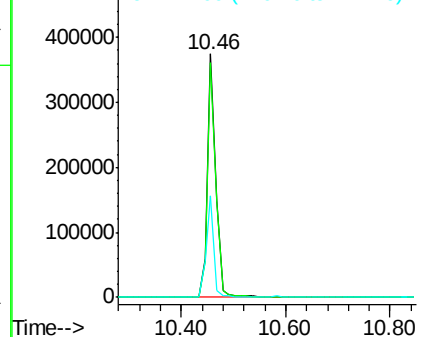
#41
 2,4,6-Tribromophenol
 Concen: 69.94 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.07 min
 Lab File: BF086900.D
 Acq: 11 May 2016 21:05

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 TP18-8FT

Tgt Ion:330 Resp: 425938
 Ion Ratio Lower Upper
 330 100
 332 95.9 79.0 118.4
 141 37.7 31.2 46.8

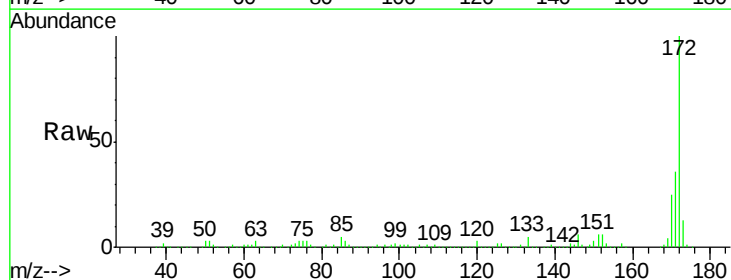


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

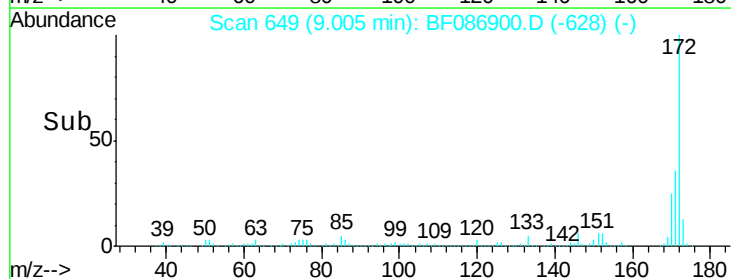
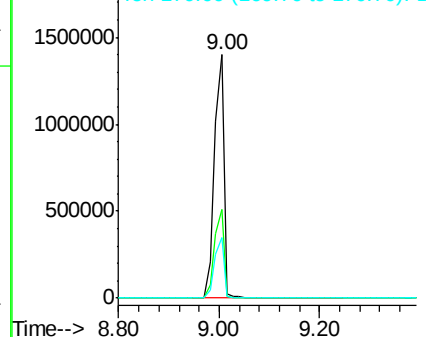


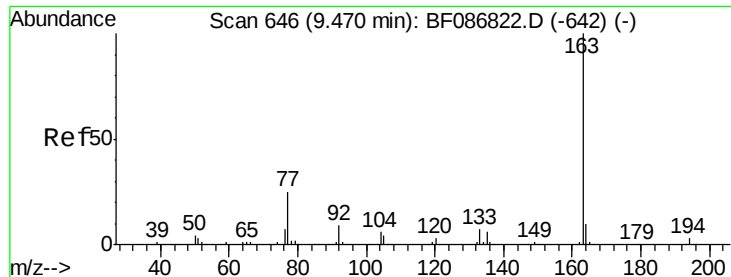
#44
 2-Fluorobiphenyl
 Concen: 54.20 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.05 min
 Lab File: BF086900.D
 Acq: 11 May 2016 21:05

Tgt Ion:172 Resp: 1855188
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.7 19.8 29.8



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: 4.63 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.07 min

Lab File: BF086900.D

Acq: 11 May 2016 21:05

Instrument :

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ClientSampleId :

TP18-8FT

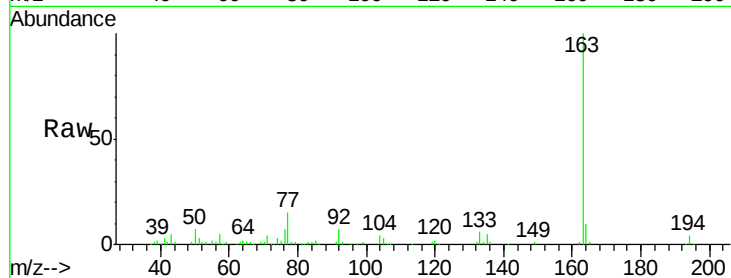
Tgt Ion:163 Resp: 202988

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

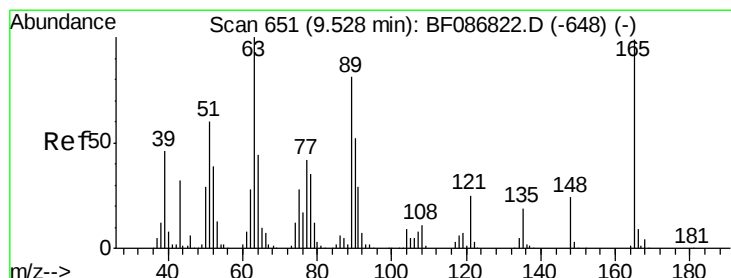
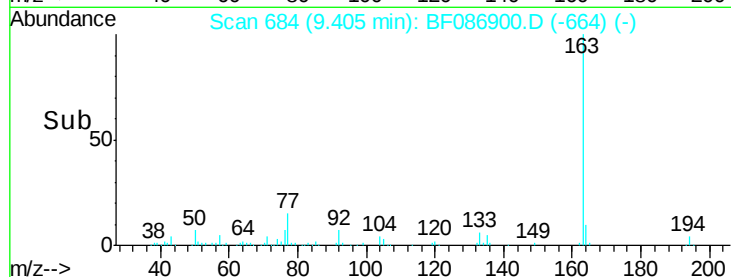
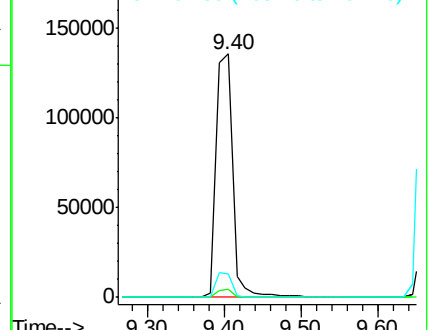
164 9.6 8.2 12.4



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: 8.16 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.14 min

Lab File: BF086900.D

Acq: 11 May 2016 21:05

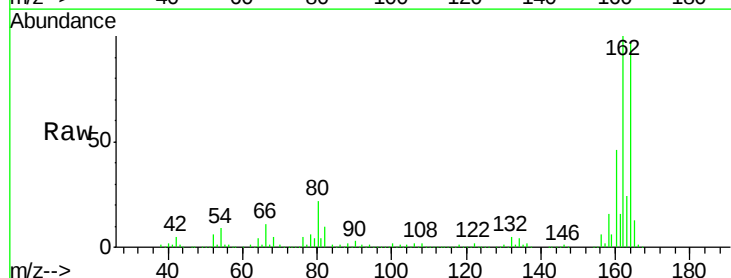
Tgt Ion:165 Resp: 75376

Ion Ratio Lower Upper

165 100

63 1.8 51.8 77.8#

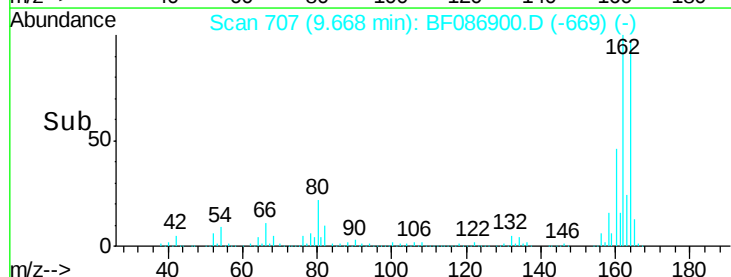
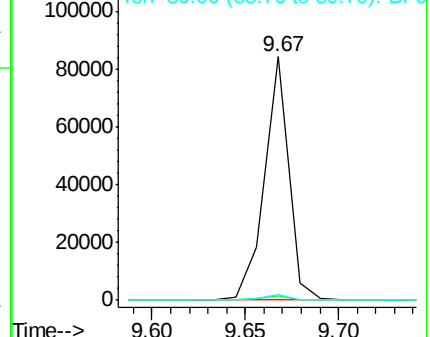
89 2.1 50.7 76.1#

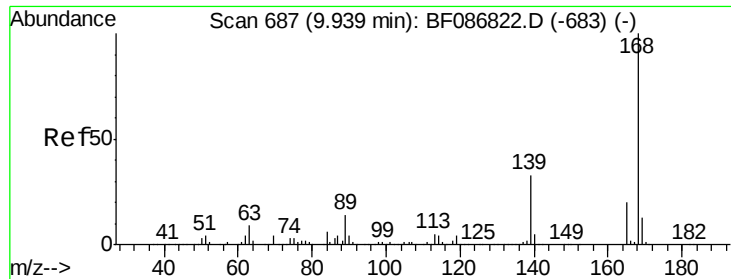


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

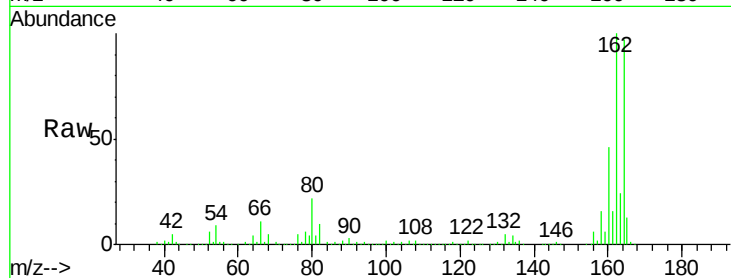




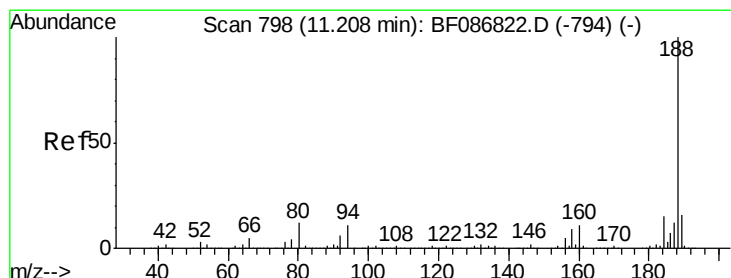
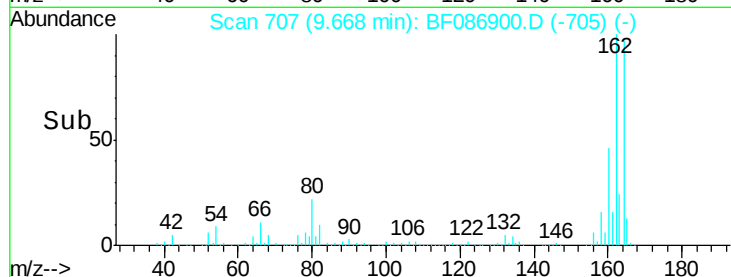
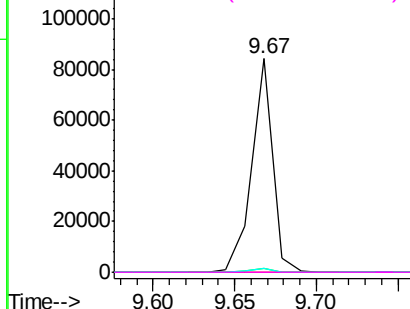
#56
 2,4-Dinitrotoluene
 Concen: 6.60 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.27 min
 Lab File: BF086900.D
 Acq: 11 May 2016 21:05

Instrument :
 BNA_F
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 TP18-8FT

Tgt Ion:165 Resp: 75380
 Ion Ratio Lower Upper
 165 100
 63 1.8 44.3 66.5#
 89 2.1 70.0 105.0#
 182 0.0 1.8 2.6#

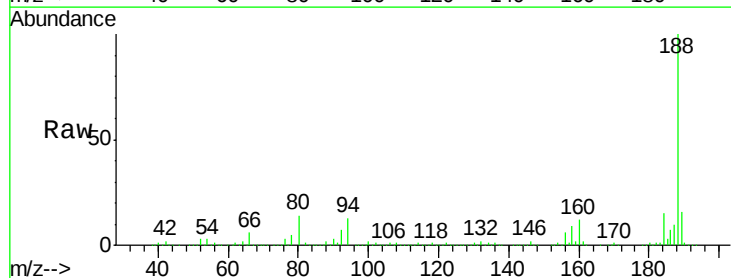


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

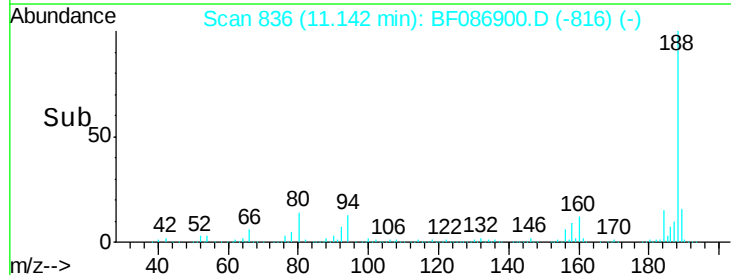
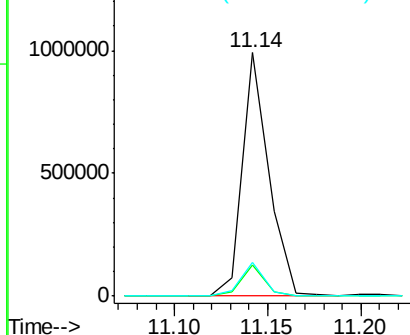


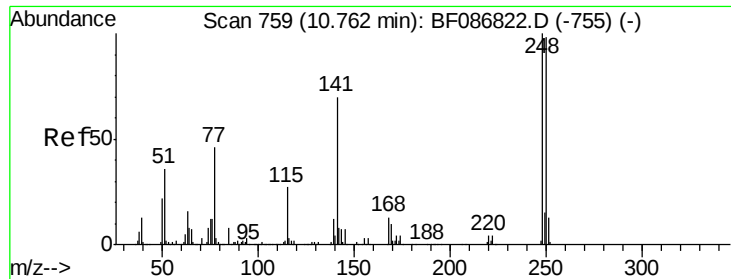
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.07 min
 Lab File: BF086900.D
 Acq: 11 May 2016 21:05

Tgt Ion:188 Resp: 984822
 Ion Ratio Lower Upper
 188 100
 94 12.6 6.8 10.2#
 80 13.9 7.1 10.7#



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

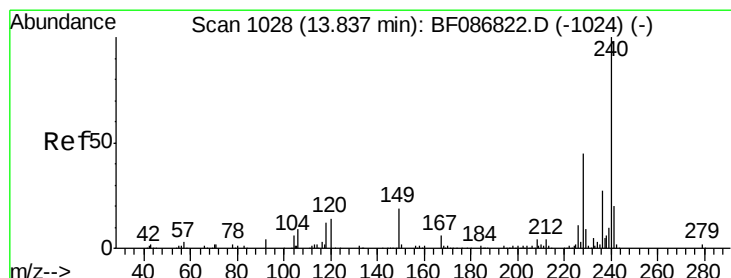
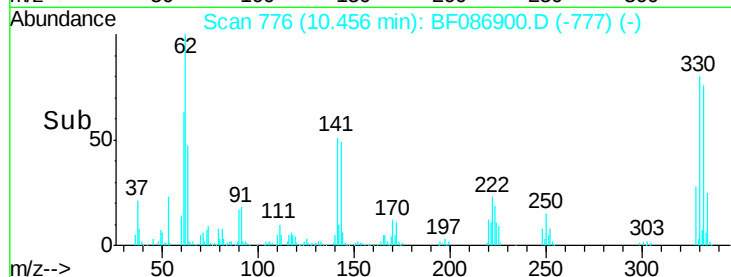
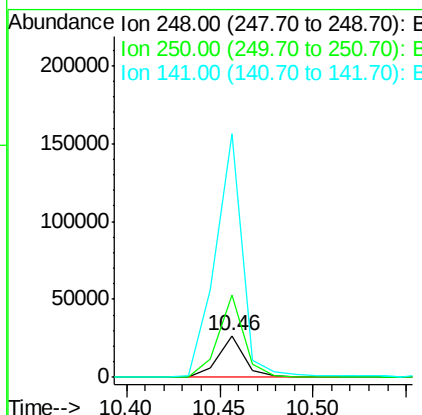
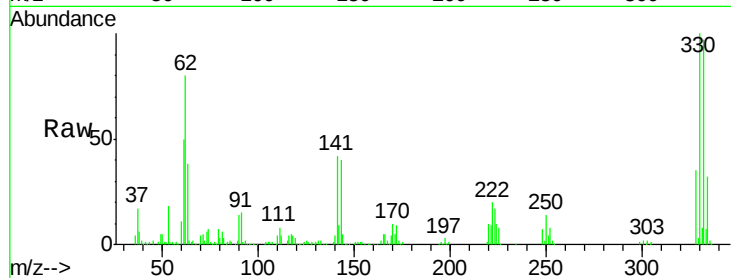




#66
 4-Bromophenyl-phenylether
 Concen: 2.58 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.31 min
 Lab File: BF086900.D
 Acq: 11 May 2016 21:05

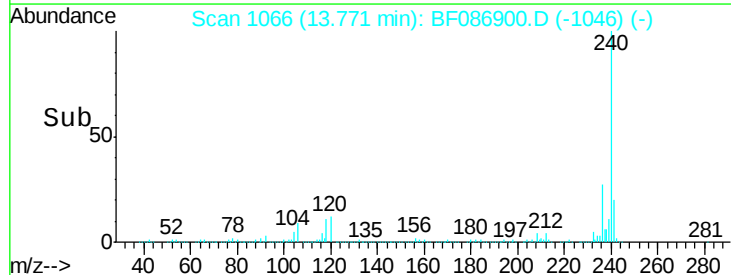
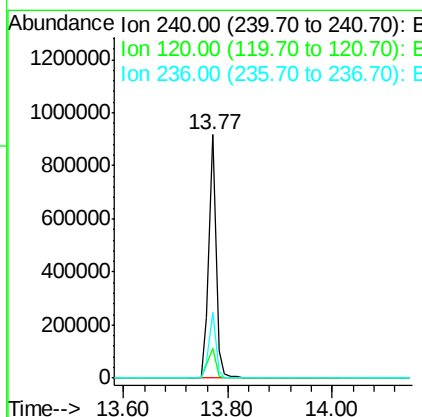
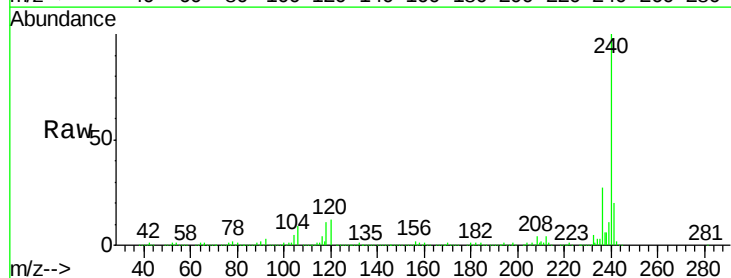
Instrument :
 BNA_F
 ClientSampleId :
 TP18-8FT

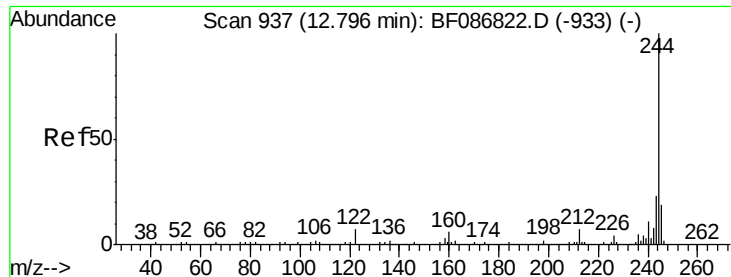
Tgt Ion:248 Resp: 25785
 Ion Ratio Lower Upper
 248 100
 250 195.6 78.6 117.8#
 141 581.9 76.0 114.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.07 min
 Lab File: BF086900.D
 Acq: 11 May 2016 21:05

Tgt Ion:240 Resp: 888623
 Ion Ratio Lower Upper
 240 100
 120 12.3 11.2 16.8
 236 27.1 21.2 31.8

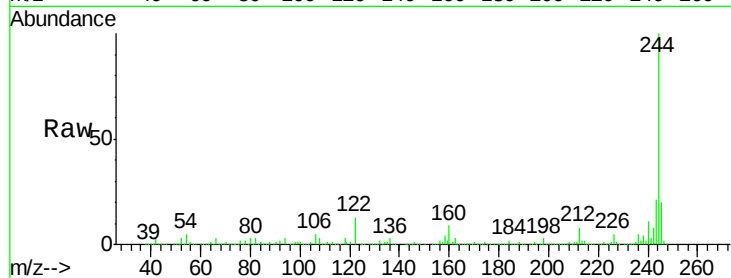




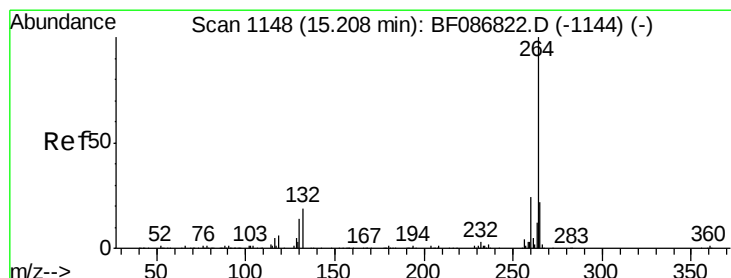
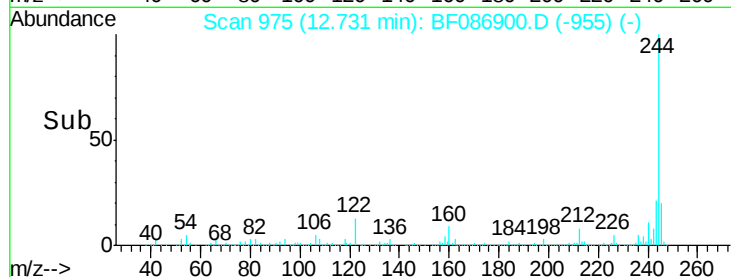
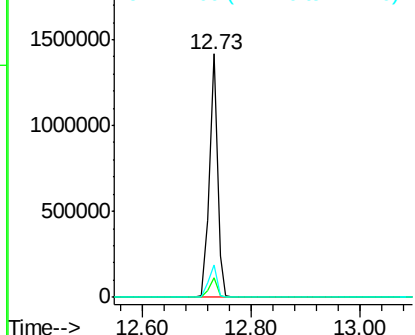
#78
 Terphenyl-d14
 Concen: 35.27 ng
 RT: 12.73 min Scan# 975
 Delta R.T. -0.07 min
 Lab File: BF086900.D
 Acq: 11 May 2016 21:05

Instrument :
 BNA_F
 ClientSampleId :
 TP18-8FT

Tgt Ion:244 Resp: 1477123
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 13.4 12.0 18.0

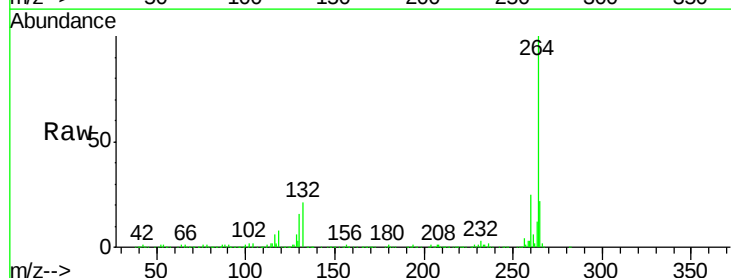


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.08 min
 Lab File: BF086900.D
 Acq: 11 May 2016 21:05

Tgt Ion:264 Resp: 703459
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 22.0 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

