

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086904.D
 Acq On : 11 May 2016 23:02
 Operator : UM/SJ
 Sample : H2894-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP26-8FT

Quant Time: May 12 00:55:51 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

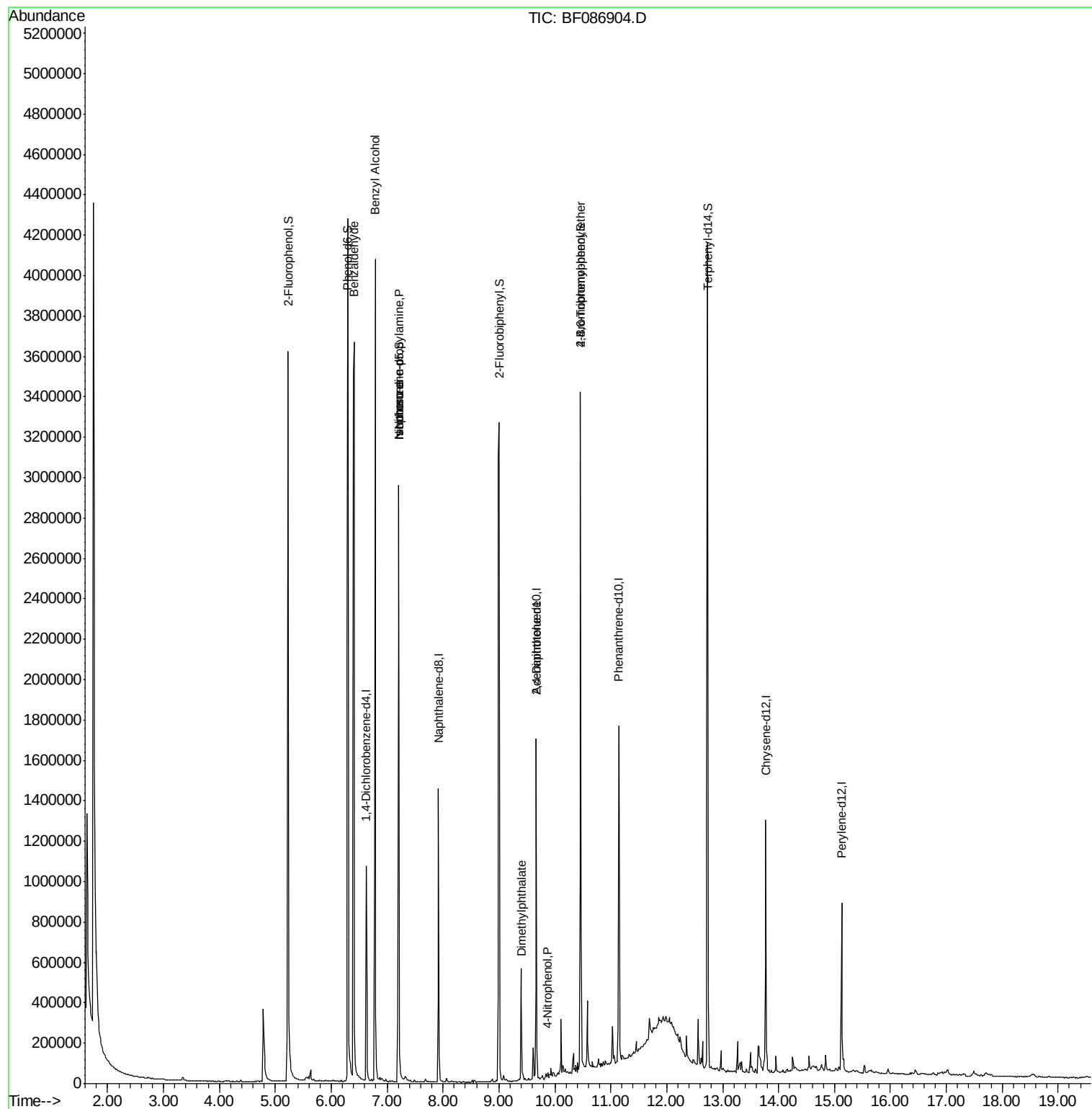
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	149565	20.00	ng	-0.07
21) Naphthalene-d8	7.92	136	640453	20.00	ng	-0.07
38) Acenaphthene-d10	9.67	164	314416	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	556512	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	446059	20.00	ng	-0.07
86) Perylene-d12	15.13	264	343424	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1322070	149.70	ng	-0.05
7) Phenol-d6	6.30	99	1584870	134.27	ng	-0.07
23) Nitrobenzene-d5	7.21	82	1218533	95.54	ng	-0.05
41) 2,4,6-Tribromophenol	10.46	330	407667	122.47	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	1541801	82.41	ng	-0.05
78) Terphenyl-d14	12.73	244	1229549	58.48	ng	-0.07
Target Compounds						Qvalue
9) Benzaldehyde	6.41	77	35174	5.15	ng	84
15) Benzyl Alcohol	6.79	79	19606	2.41	ng	# 41
19) n-Nitroso-di-n-propylamine	7.21	70	174656	21.17	ng	# 80
25) Isophorone	7.21	82	1137475	48.07	ng	# 68
49) Dimethylphthalate	9.40	163	279857	11.67	ng	98
55) 4-Nitrophenol	9.87	139	414	4.67	ng	# 68
56) 2,4-Dinitrotoluene	9.67	165	40319	6.45	ng	# 17
66) 4-Bromophenyl-phenylether	10.46	248	24598	4.36	ng	# 1

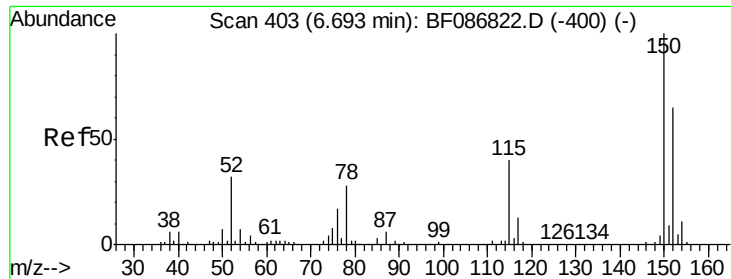
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
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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: BF086904.D

Acq: 11 May 2016 23:02

Instrument :

BNA_F

ClientSampleId :

TP26-8FT

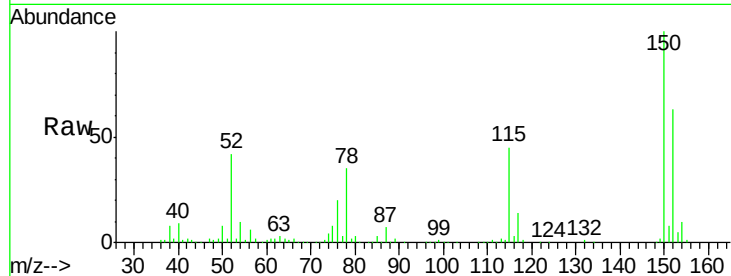
Tgt Ion:152 Resp: 149565

Ion Ratio Lower Upper

152 100

150 159.3 125.8 188.6

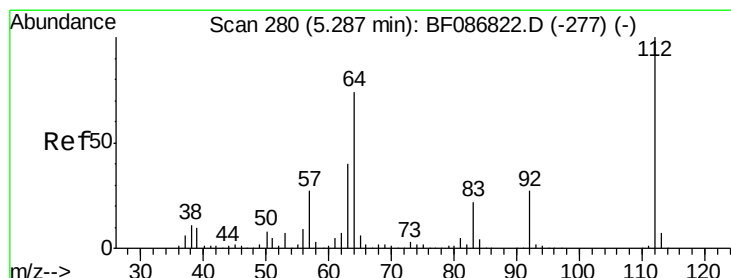
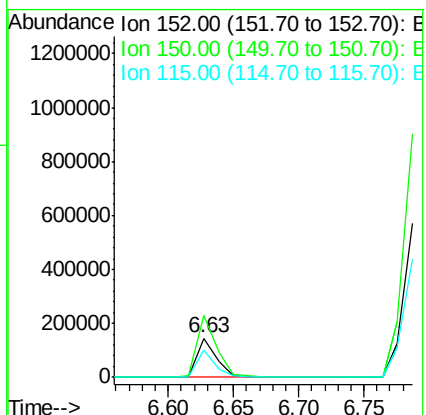
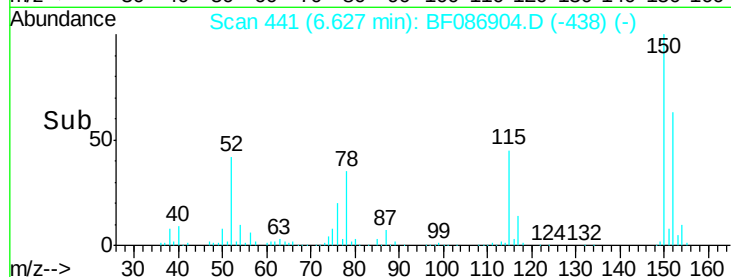
115 71.1 51.5 77.3



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: 149.70 ng

RT: 5.23 min Scan# 319

Delta R.T. -0.05 min

Lab File: BF086904.D

Acq: 11 May 2016 23:02

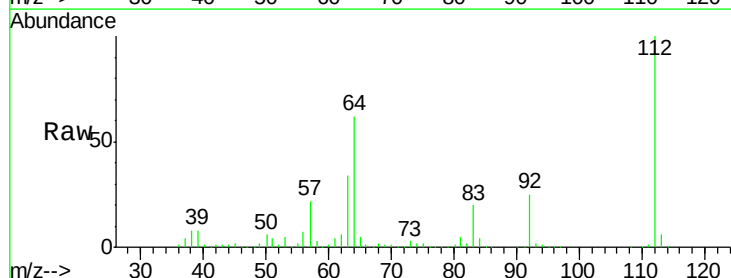
Tgt Ion:112 Resp: 1322070

Ion Ratio Lower Upper

112 100

64 61.9 52.1 78.1

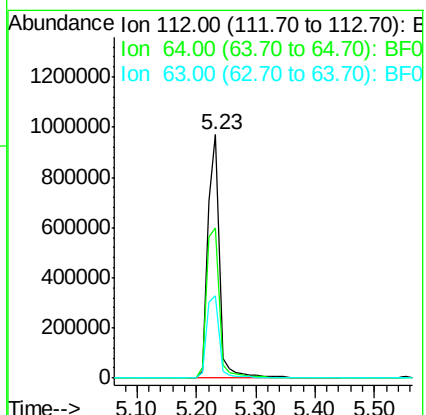
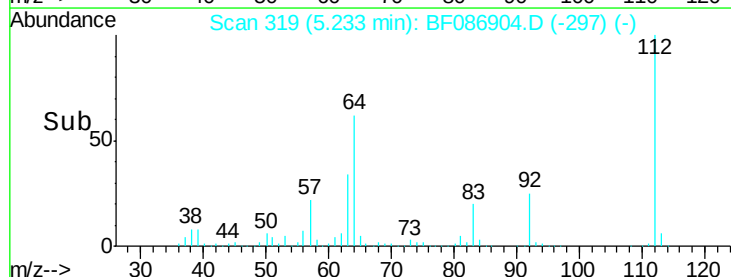
63 33.9 25.7 38.5

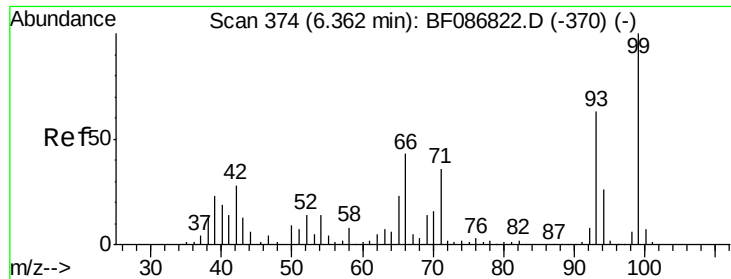


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.27 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.07 min

Lab File: BF086904.D

Acq: 11 May 2016 23:02

Instrument :

BNA_F

ClientSampleId :

TP26-8FT

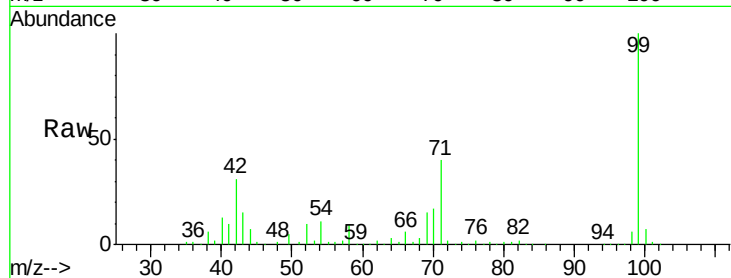
Tgt Ion: 99 Resp: 1584870

Ion Ratio Lower Upper

99 100

42 30.9 13.6 20.4#

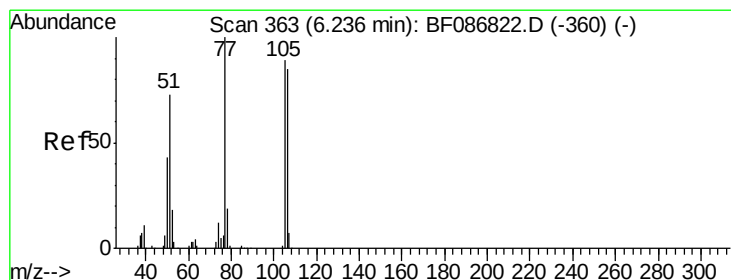
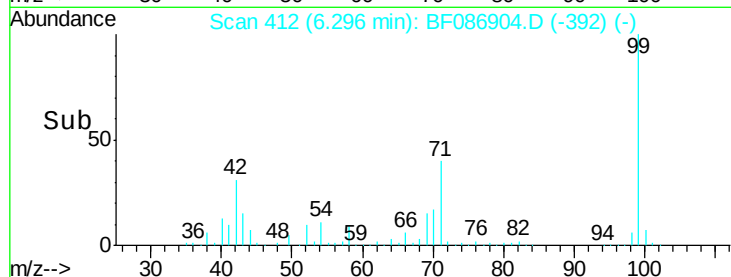
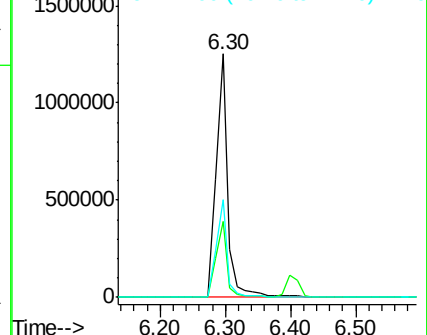
71 40.0 24.6 36.8#



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: 5.15 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.17 min

Lab File: BF086904.D

Acq: 11 May 2016 23:02

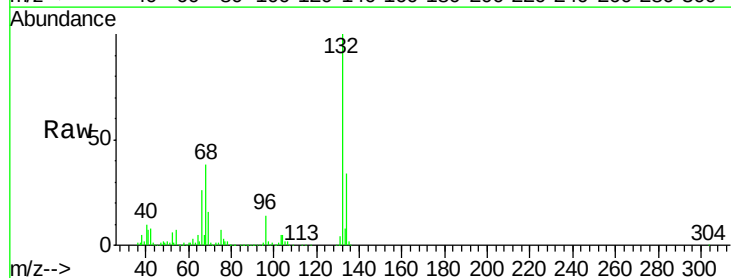
Tgt Ion: 77 Resp: 35174

Ion Ratio Lower Upper

77 100

105 81.7 72.7 112.7

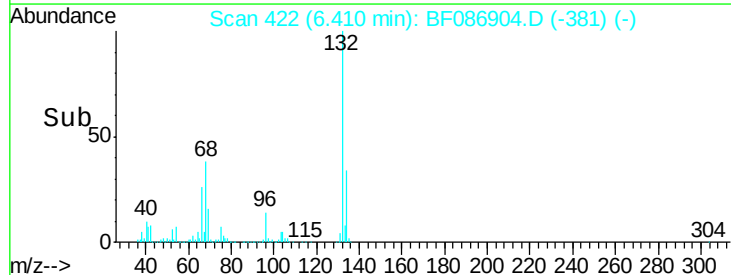
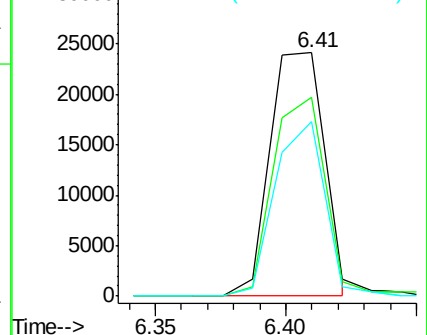
106 71.8 70.8 110.8

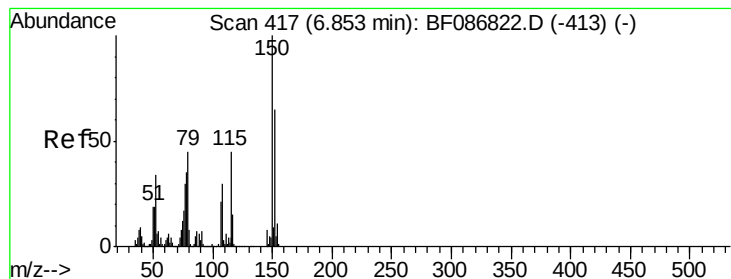


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.41 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.07 min

Lab File: BF086904.D

Acq: 11 May 2016 23:02

Instrument :

BNA_F

ClientSampleId :

TP26-8FT

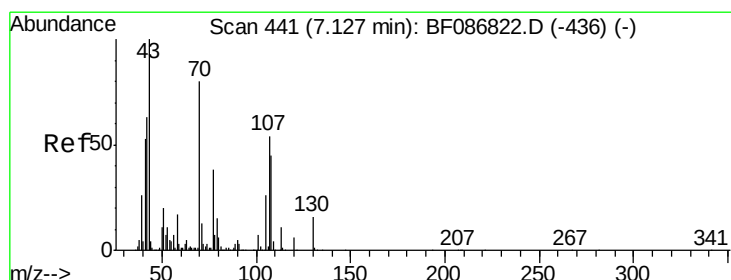
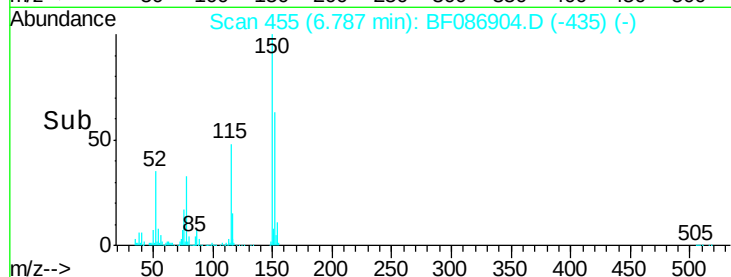
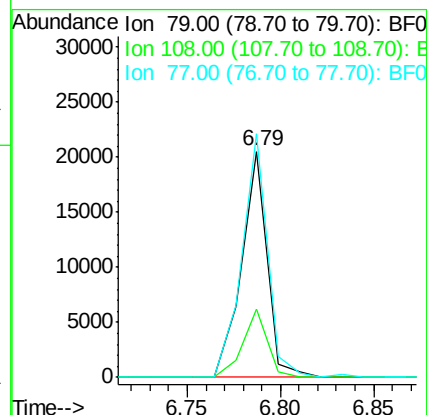
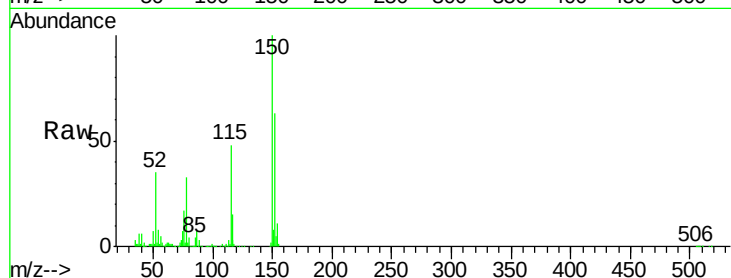
Tgt Ion: 79 Resp: 19606

Ion Ratio Lower Upper

79 100

108 30.2 68.4 102.6#

77 107.8 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 21.17 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.08 min

Lab File: BF086904.D

Acq: 11 May 2016 23:02

Tgt Ion: 70 Resp: 174656

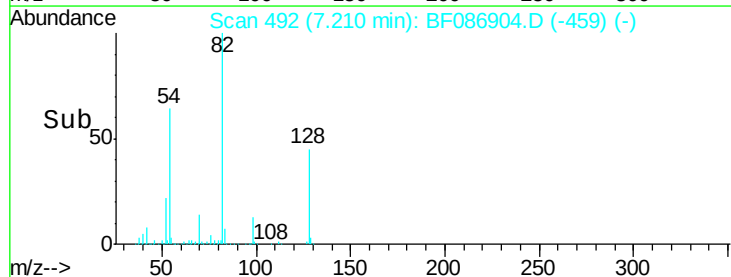
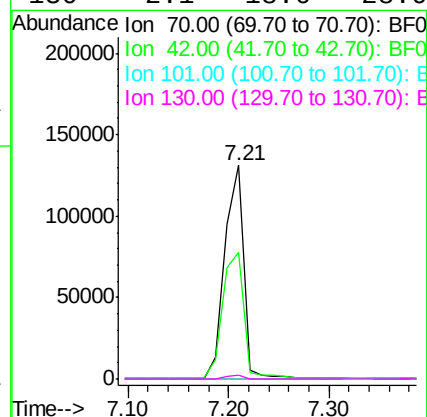
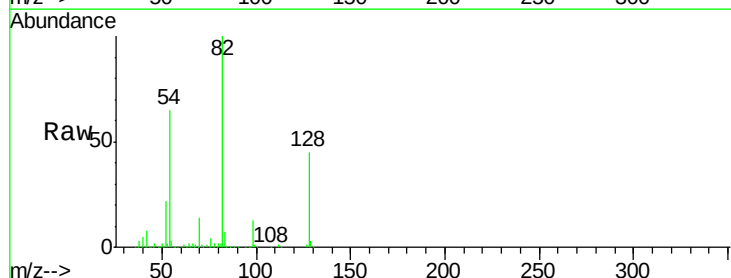
Ion Ratio Lower Upper

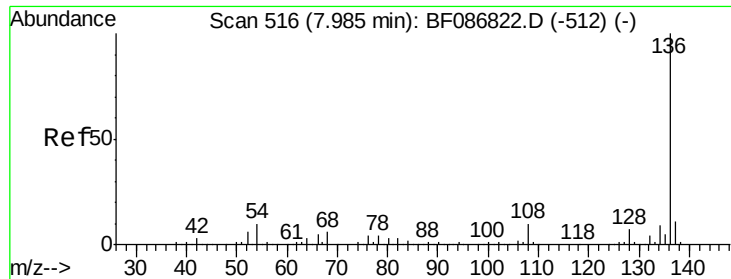
70 100

42 59.5 43.1 64.7

101 0.0 8.1 12.1#

130 2.1 18.6 28.0#

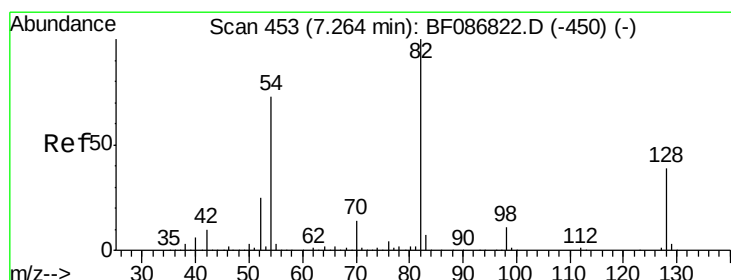
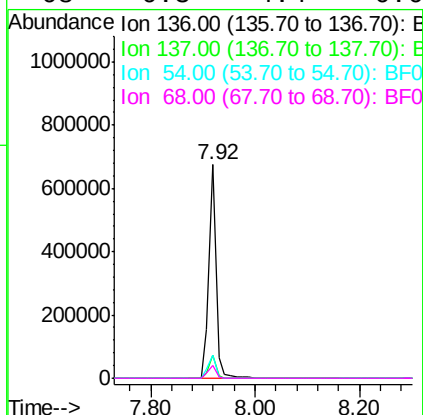
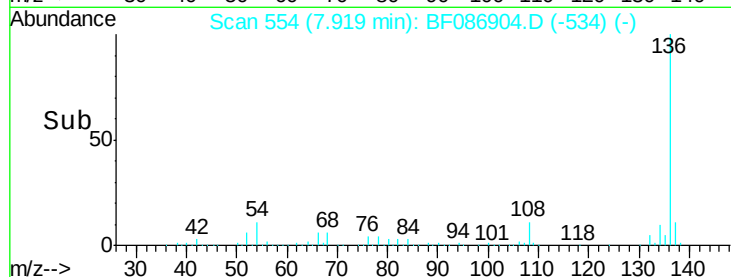
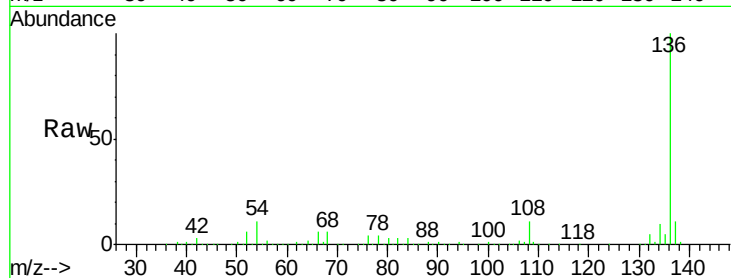




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.07 min
Lab File: BF086904.D
Acq: 11 May 2016 23:02

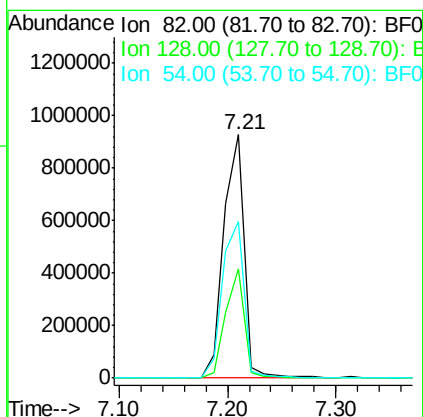
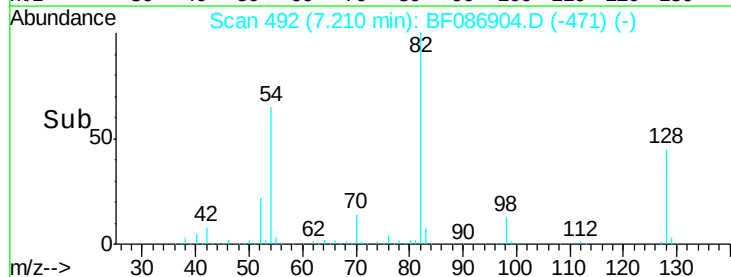
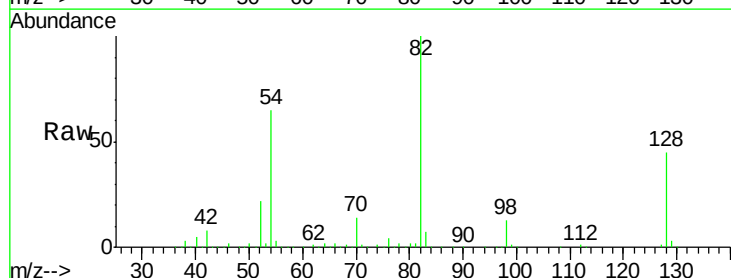
Instrument :
BNA_F
ClientSampleId :
TP26-8FT

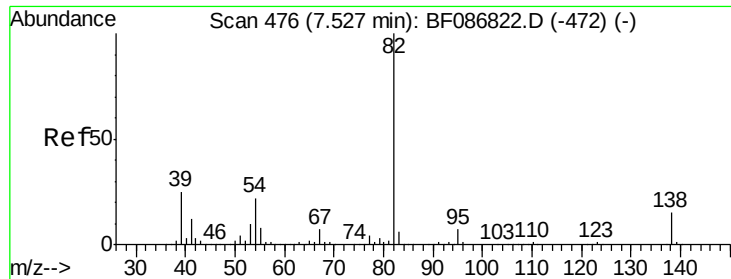
Tgt Ion:	136	Resp:	640453
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.0	5.0	7.4#
68	6.3	4.4	6.6



#23
Nitrobenzene-d5
Concen: 95.54 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.05 min
Lab File: BF086904.D
Acq: 11 May 2016 23:02

Tgt Ion:	82	Resp:	1218533
Ion	Ratio	Lower	Upper
82	100		
128	44.6	40.6	61.0
54	64.5	38.1	57.1#





#25

Isophorone

Concen: 48.07 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.32 min

Lab File: BF086904.D

Acq: 11 May 2016 23:02

Instrument :

BNA_F

ClientSampleId :

TP26-8FT

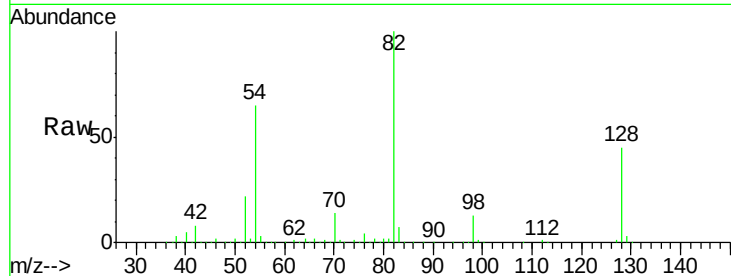
Tgt Ion: 82 Resp: 1137475

Ion Ratio Lower Upper

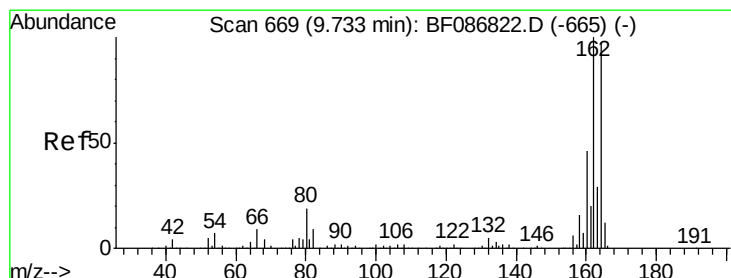
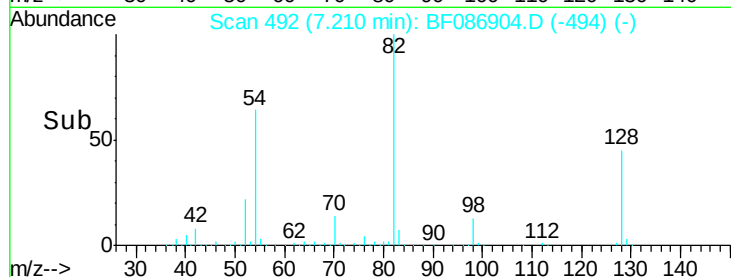
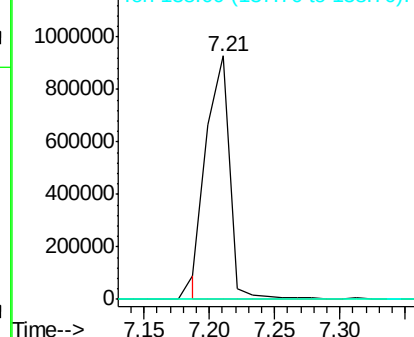
82 100

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: BF086904.D

Acq: 11 May 2016 23:02

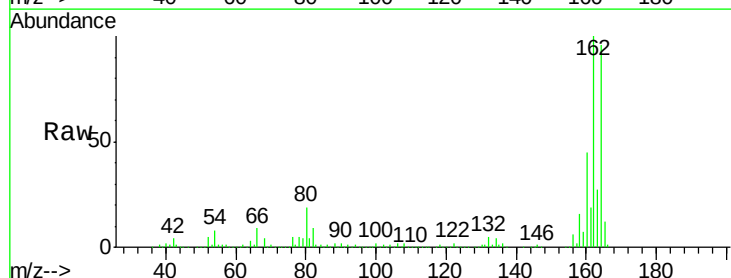
Tgt Ion: 164 Resp: 314416

Ion Ratio Lower Upper

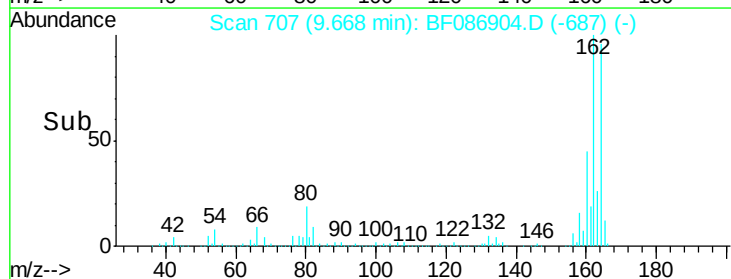
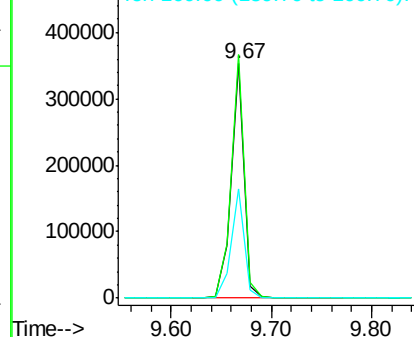
164 100

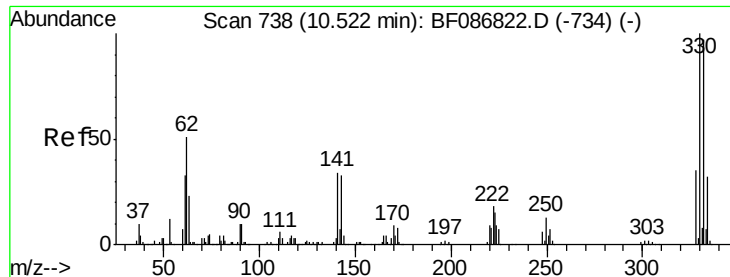
162 103.8 82.8 124.2

160 46.8 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

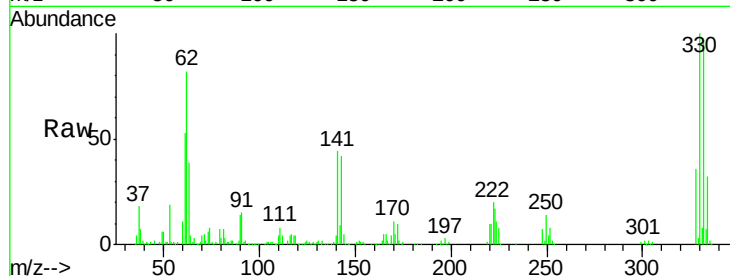




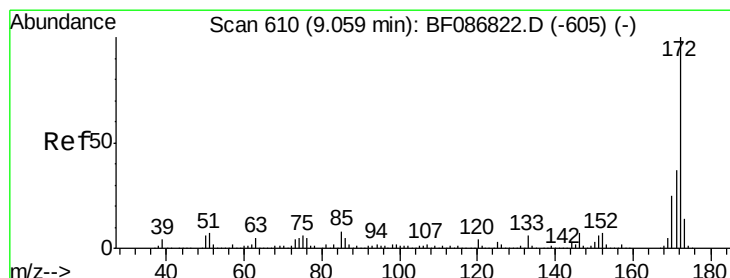
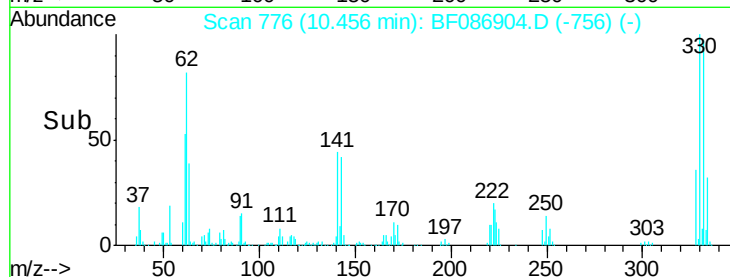
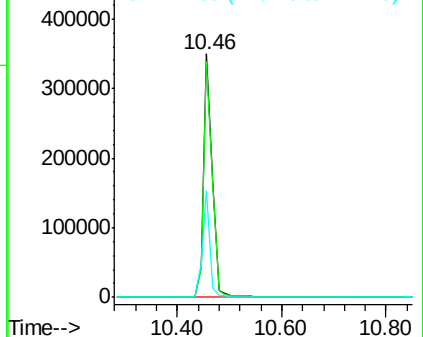
#41
 2,4,6-Tribromophenol
 Concen: 122.47 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.07 min
 Lab File: BF086904.D
 Acq: 11 May 2016 23:02

Instrument :
 BNA_F
 ClientSampleId :
 TP26-8FT

Tgt Ion:330 Resp: 407667
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 37.6 31.2 46.8

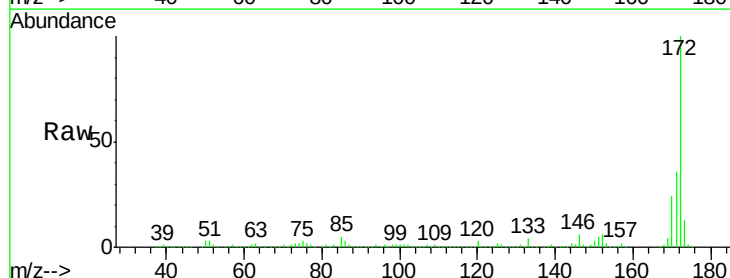


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

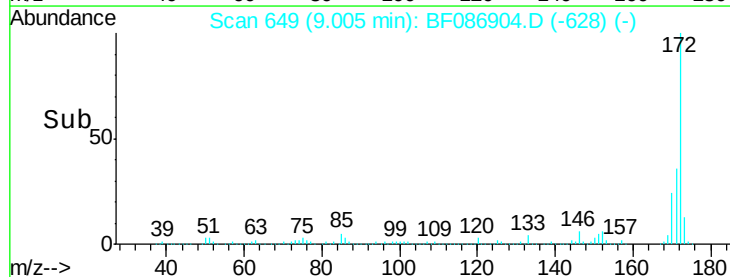
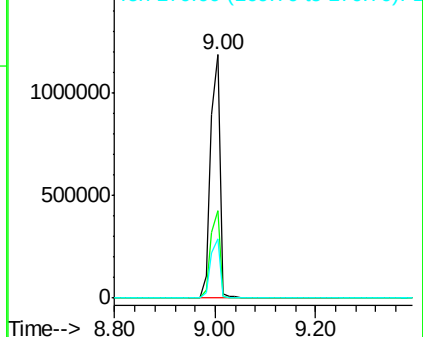


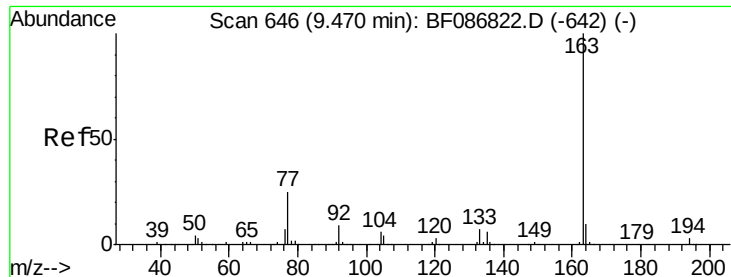
#44
 2-Fluorobiphenyl
 Concen: 82.41 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.05 min
 Lab File: BF086904.D
 Acq: 11 May 2016 23:02

Tgt Ion:172 Resp: 1541801
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.3 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: 11.67 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.07 min

Lab File: BF086904.D

Acq: 11 May 2016 23:02

Instrument :

BNA_F

ClientSampleId :

TP26-8FT

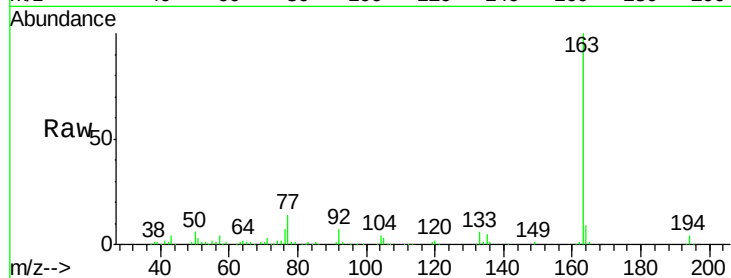
Tgt Ion:163 Resp: 279857

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

164 9.3 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

250000

200000

150000

100000

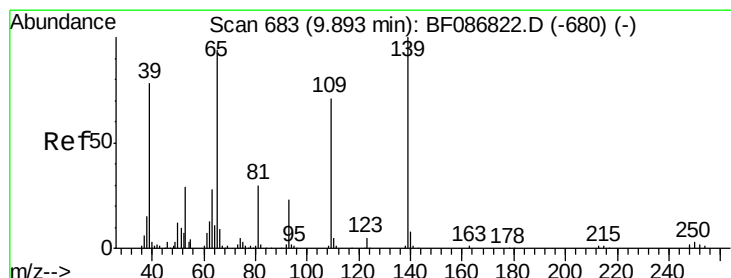
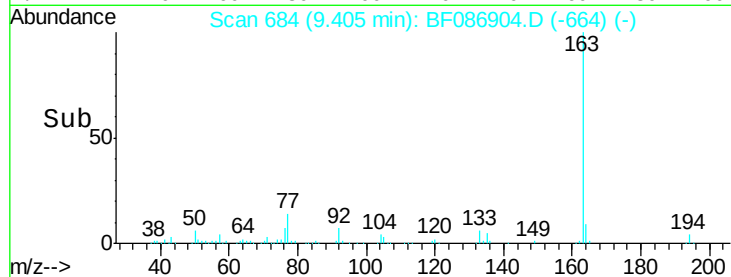
50000

0

9.40

9.30 9.40 9.50 9.60

Time-->



#55

4-Nitrophenol

Concen: 4.67 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF086904.D

Acq: 11 May 2016 23:02

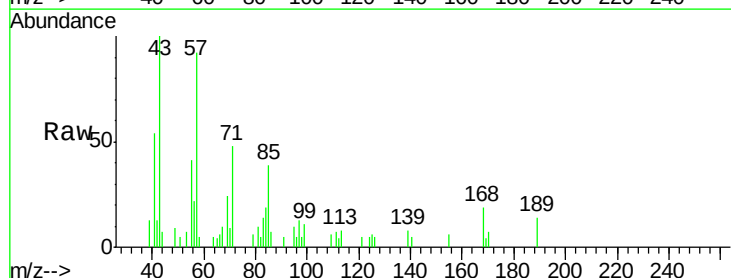
Tgt Ion:139 Resp: 414

Ion Ratio Lower Upper

139 100

109 77.2 36.9 76.9#

65 51.5 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

1000

800

600

400

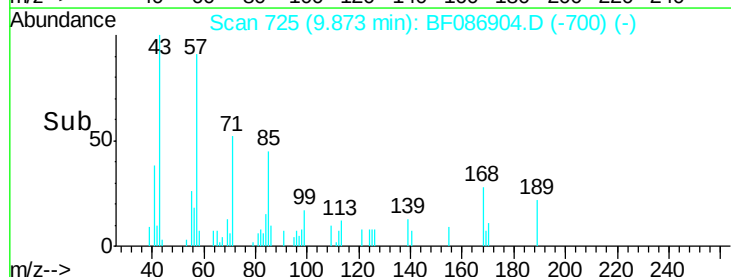
200

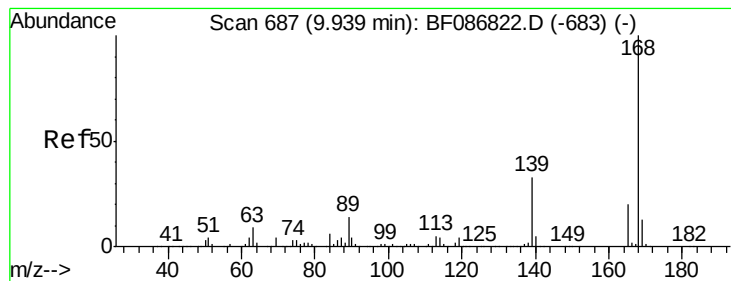
0

9.87

9.84 9.86 9.88 9.90

Time-->





#56

2,4-Dinitrotoluene

Concen: 6.45 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.27 min

Lab File: BF086904.D

Acq: 11 May 2016 23:02

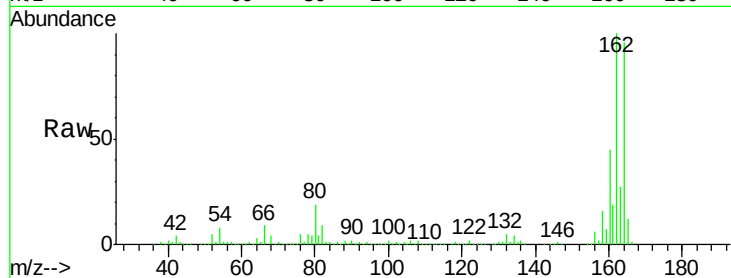
Instrument :

BNA_F

ClientSampleId :

TP26-8FT

Tgt Ion:165	Resp:	40319
Ion Ratio	Lower	Upper
165	100	
63	2.2	44.3 66.5#
89	2.5	70.0 105.0#
182	0.0	1.8 2.6#

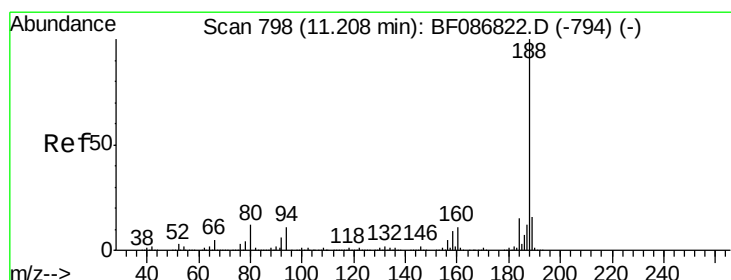
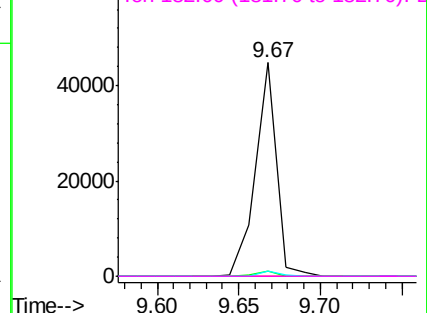
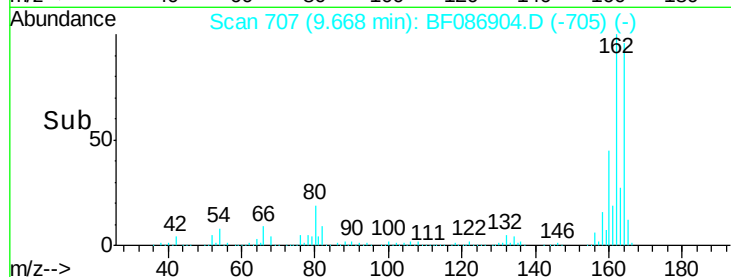


Abundance Ion 165.00 (164.70 to 165.70): E

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

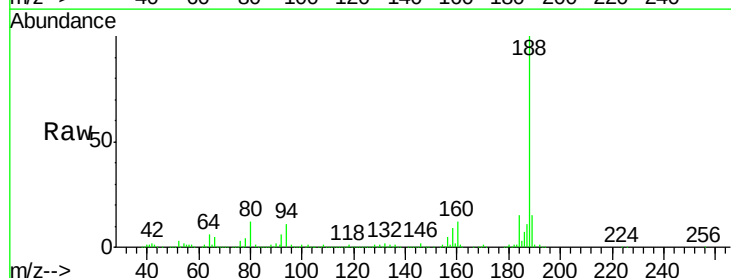
RT: 11.14 min Scan# 836

Delta R.T. -0.07 min

Lab File: BF086904.D

Acq: 11 May 2016 23:02

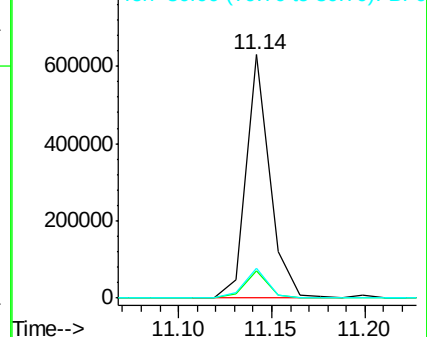
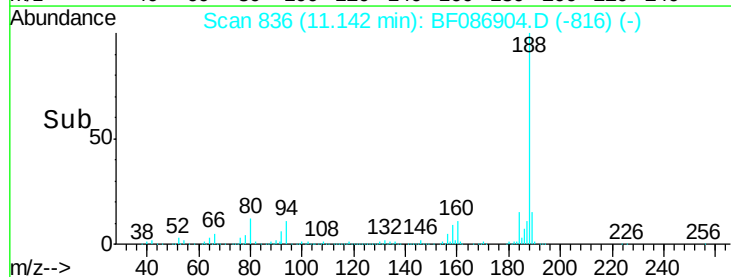
Tgt Ion:188	Resp:	556512
Ion Ratio	Lower	Upper
188	100	
94	11.5	6.8 10.2#
80	12.3	7.1 10.7#

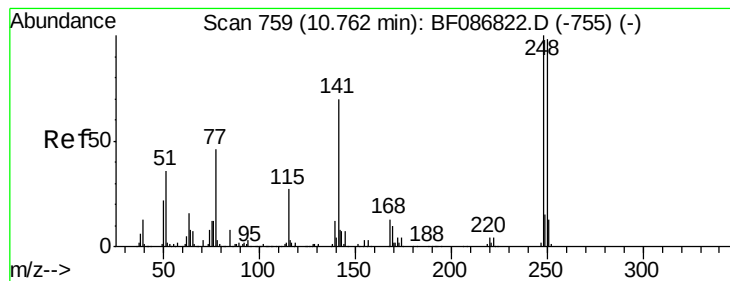


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.36 ng

RT: 10.46 min Scan# 776

Delta R.T. -0.31 min

Lab File: BF086904.D

Acq: 11 May 2016 23:02

Instrument :

BNA_F

ClientSampleId :

TP26-8FT

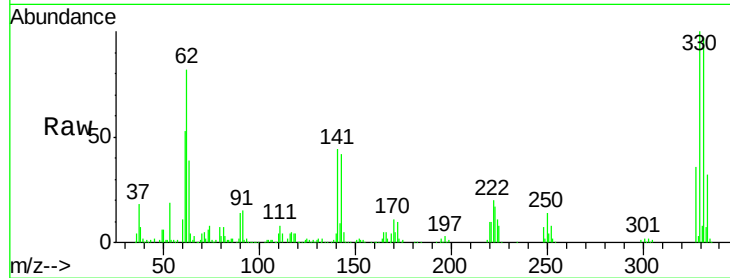
Tgt Ion:248 Resp: 24598

Ion Ratio Lower Upper

248 100

250 199.1 78.6 117.8#

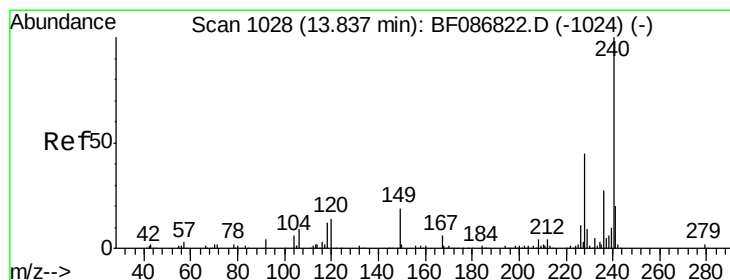
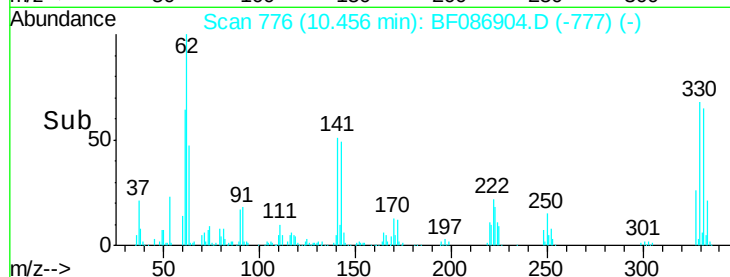
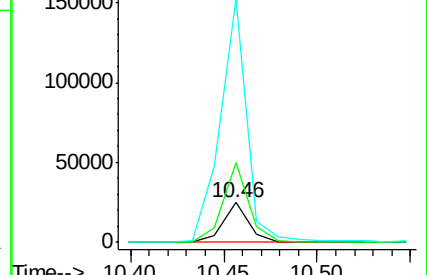
141 609.0 76.0 114.0#



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: 13.77 min Scan# 1066

Delta R.T. -0.07 min

Lab File: BF086904.D

Acq: 11 May 2016 23:02

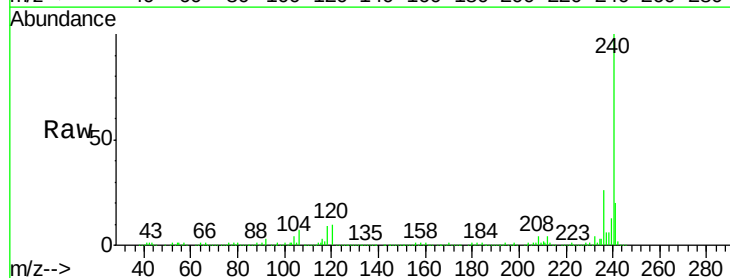
Tgt Ion:240 Resp: 446059

Ion Ratio Lower Upper

240 100

120 10.2 11.2 16.8#

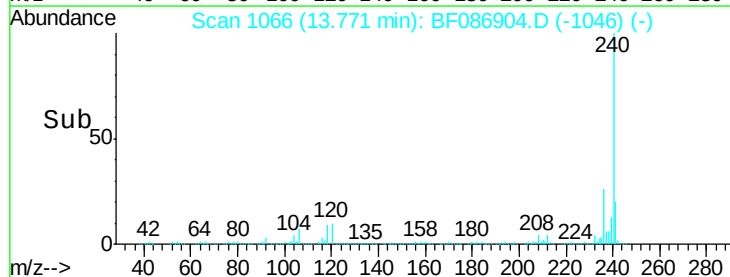
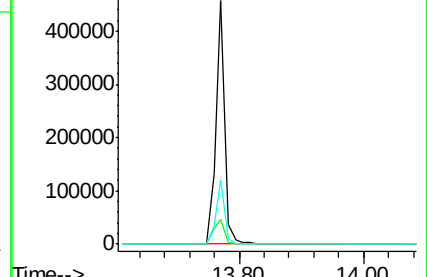
236 26.5 21.2 31.8

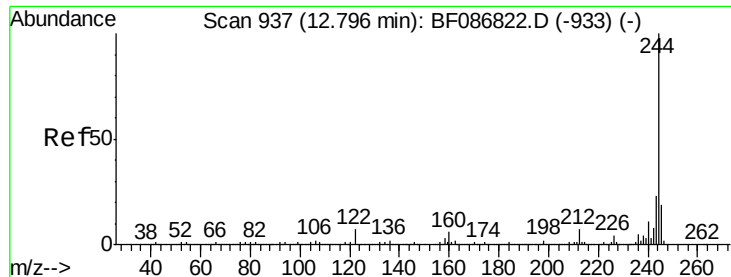


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

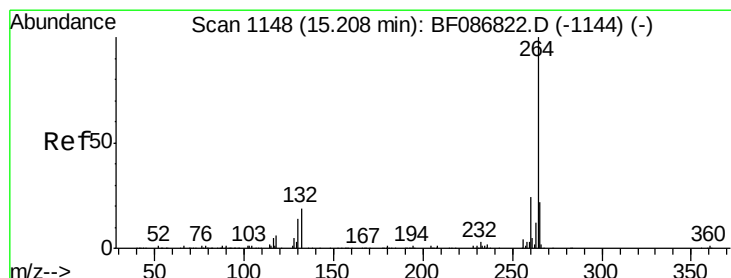
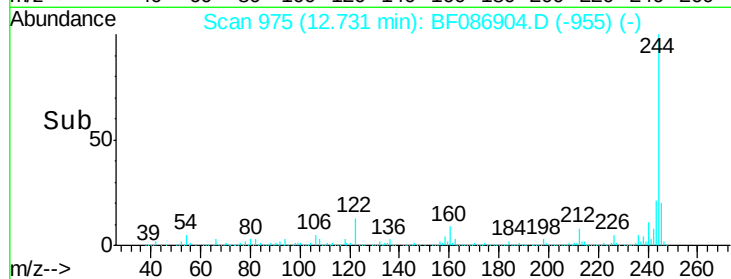
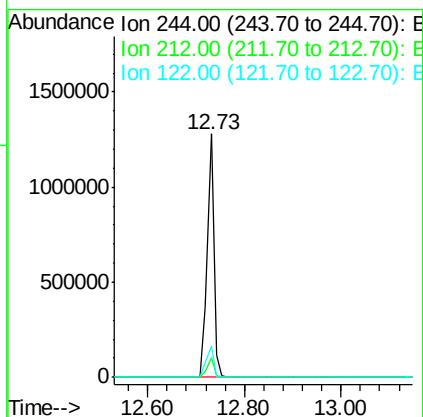
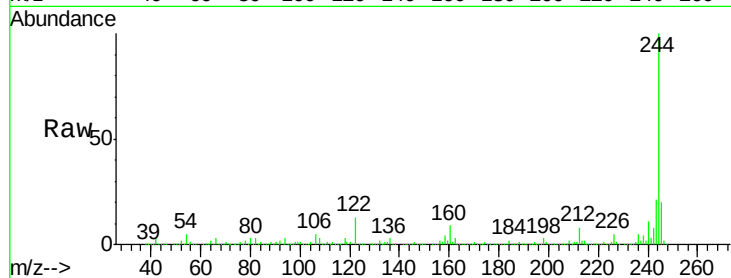




#78
 Terphenyl-d14
 Concen: 58.48 ng
 RT: 12.73 min Scan# 975
 Delta R.T. -0.07 min
 Lab File: BF086904.D
 Acq: 11 May 2016 23:02

Instrument :
 BNA_F
 ClientSampleId :
 TP26-8FT

Tgt Ion:244 Resp: 1229549
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 12.8 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.08 min
 Lab File: BF086904.D
 Acq: 11 May 2016 23:02

Tgt Ion:264 Resp: 343424
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.4 17.3 25.9

