

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
 Data File : BF086626.D
 Acq On : 2 May 2016 19:22
 Operator : UM/SJ
 Sample : H2716-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-4-CS-2(8-16FTBGS)

Quant Time: May 03 01:18:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

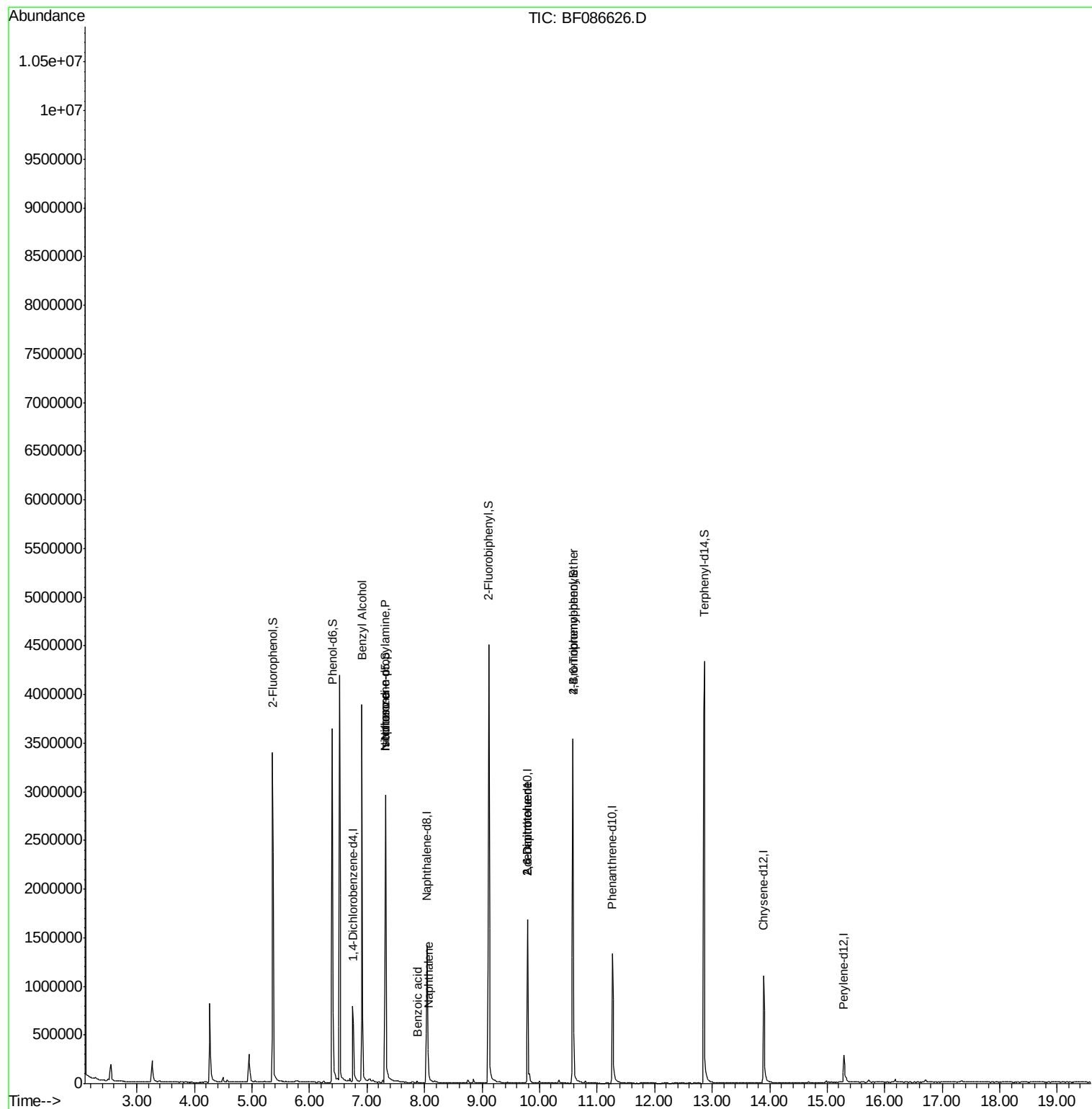
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	170596	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	744973	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	333716	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	705425	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	549138	20.00	ng	-0.07
86) Perylene-d12	15.29	264	89271	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1181972	119.51	ng	-0.03
7) Phenol-d6	6.40	99	1315564	95.30	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1085403	78.53	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	452200	128.49	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1733739	92.68	ng	-0.06
78) Terphenyl-d14	12.86	244	2077058	83.33	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.91	79	17917	2.05	ng	# 42
19) n-Nitroso-di-n-propylamine	7.32	70	148447	16.27	ng	# 75
25) Isophorone	7.32	82	828091	31.13	ng	# 68
31) Naphthalene	8.06	128	170638	4.50	ng	99
32) Benzoic acid	7.87	122	224	8.81	ng	86
50) 2,6-Dinitrotoluene	9.79	165	42094	8.11	ng	# 21
56) 2,4-Dinitrotoluene	9.79	165	42598	6.44	ng	# 16
66) 4-Bromophenyl-phenylether	10.58	248	27839	3.83	ng	# 1

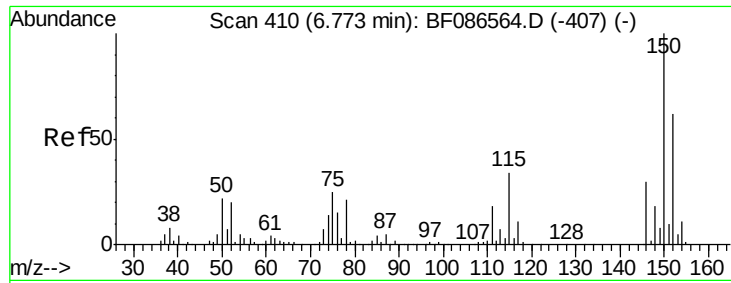
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF086626.D

Acq: 2 May 2016 19:22

Instrument :

BNA_F

ClientSampleId :

26WARD-4-CS-2(8-16FTBGS)

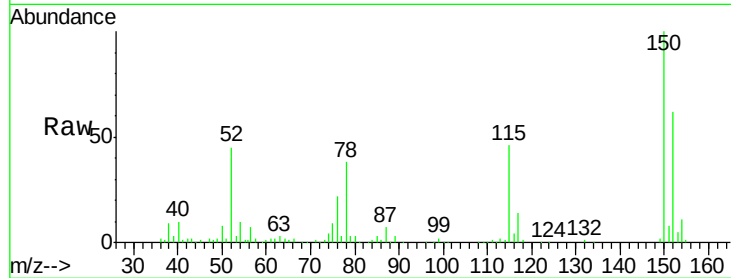
Tgt Ion:152 Resp: 170596

Ion Ratio Lower Upper

152 100

150 160.2 125.8 188.6

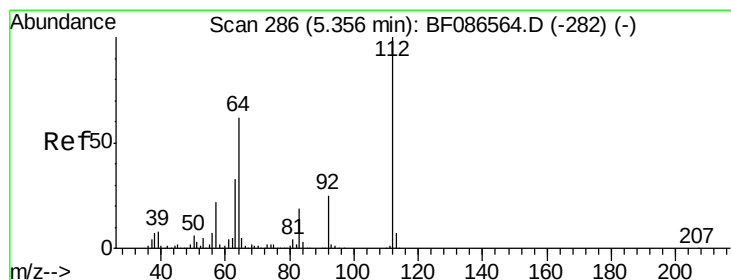
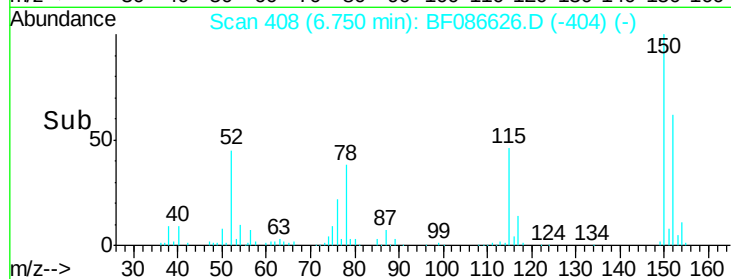
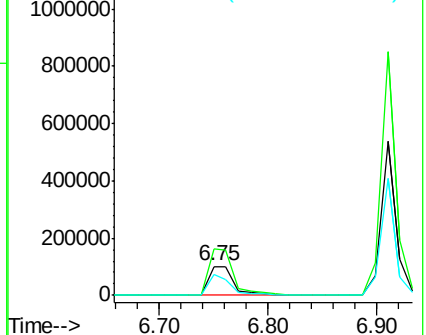
115 74.0 51.5 77.3



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: 119.51 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF086626.D

Acq: 2 May 2016 19:22

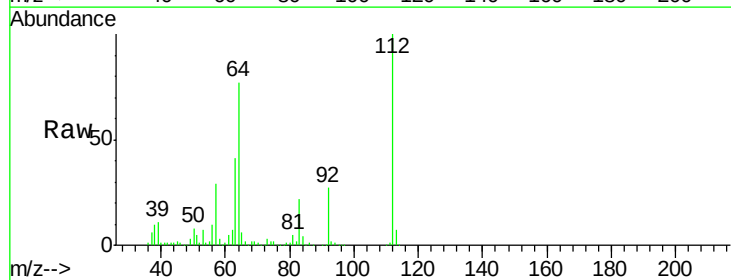
Tgt Ion:112 Resp: 1181972

Ion Ratio Lower Upper

112 100

64 76.6 52.1 78.1

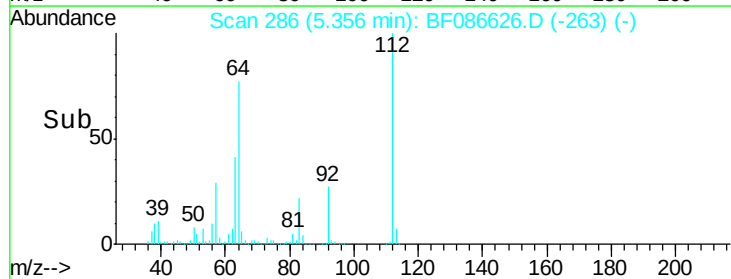
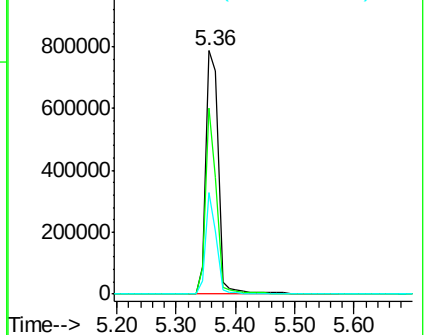
63 41.5 25.7 38.5#

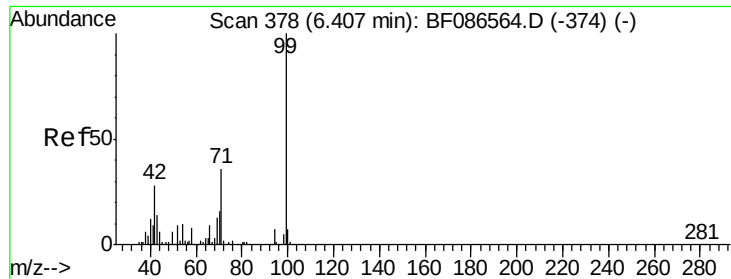


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.30 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086626.D

Acq: 2 May 2016 19:22

Instrument :

BNA_F

ClientSampleId :

26WARD-4-CS-2(8-16FTBGS)

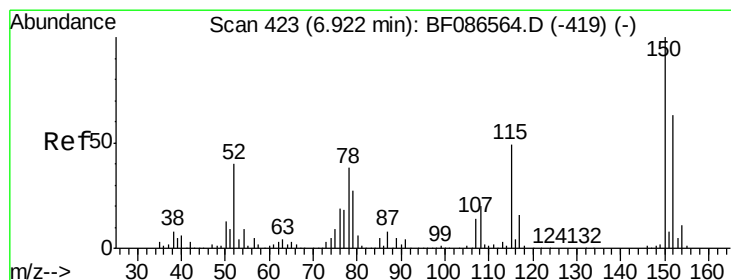
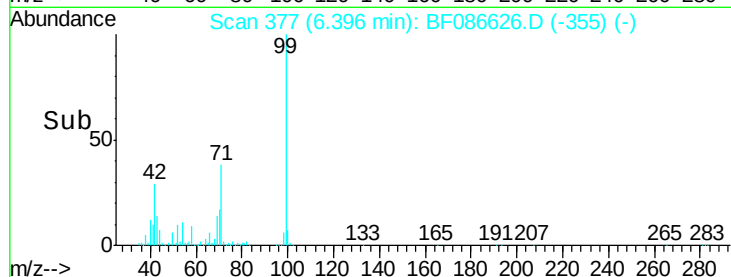
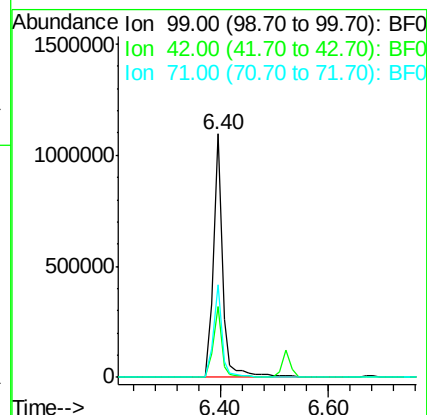
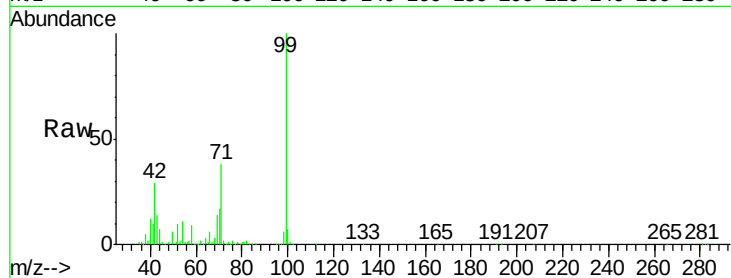
Tgt Ion: 99 Resp: 1315564

Ion Ratio Lower Upper

99 100

42 29.1 13.6 20.4#

71 37.8 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF086626.D

Acq: 2 May 2016 19:22

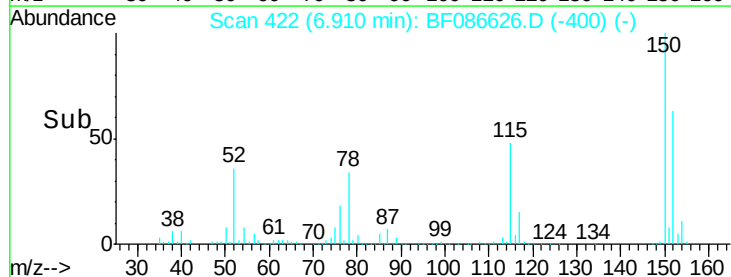
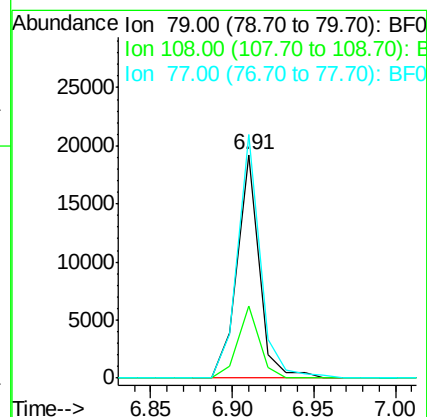
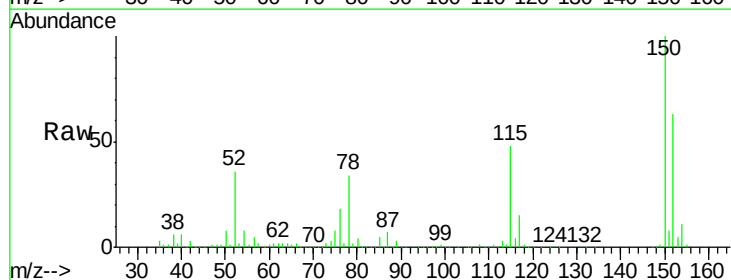
Tgt Ion: 79 Resp: 17917

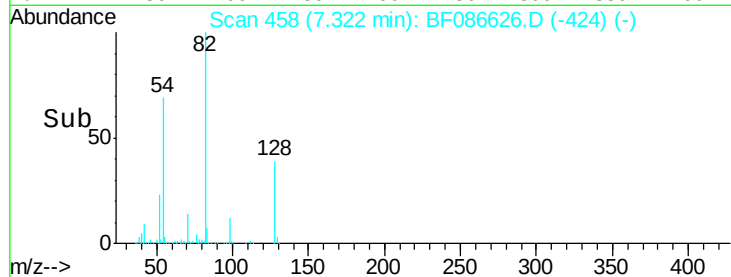
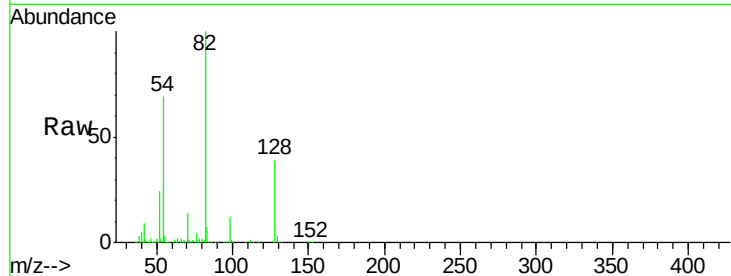
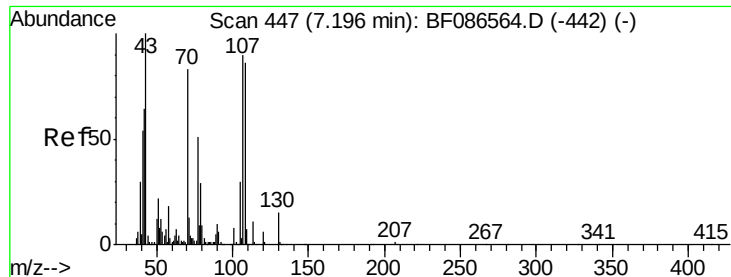
Ion Ratio Lower Upper

79 100

108 32.2 68.4 102.6#

77 108.8 50.6 76.0#

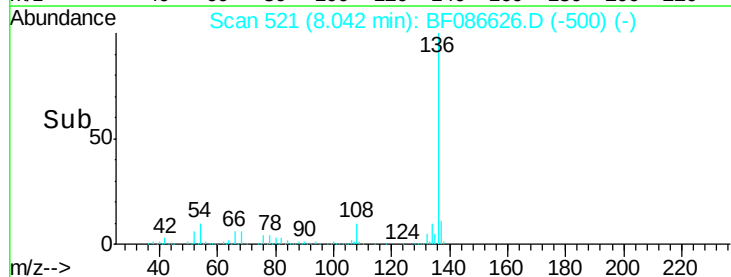
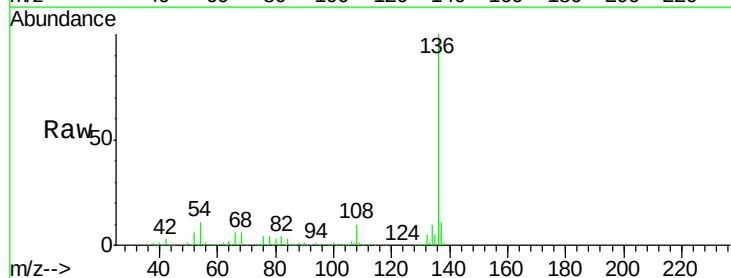
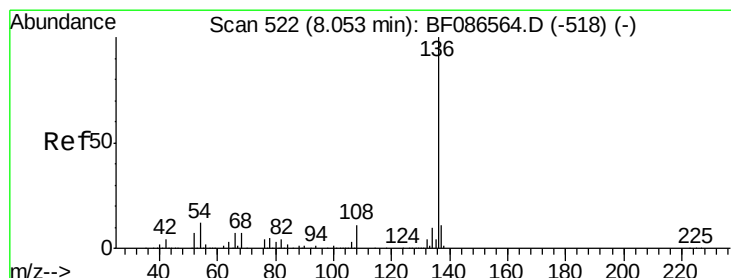
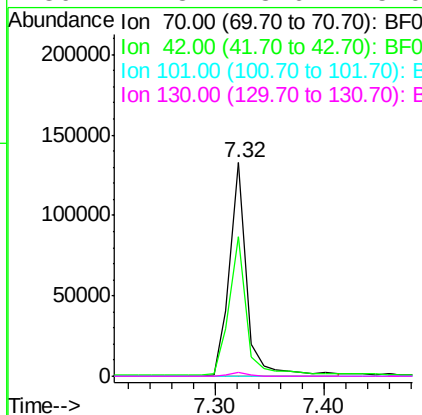




#19
n-Nitroso-di-n-propylamine
Concen: 16.27 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.09 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

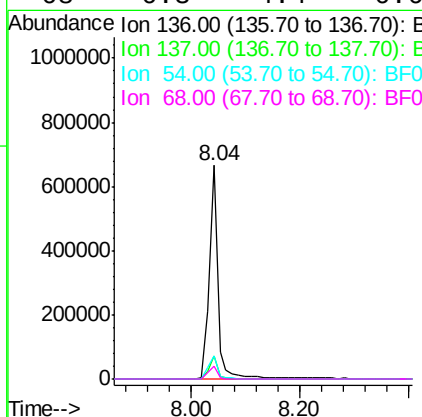
Instrument :
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26WARD-4-CS-2(8-16FTBGS)

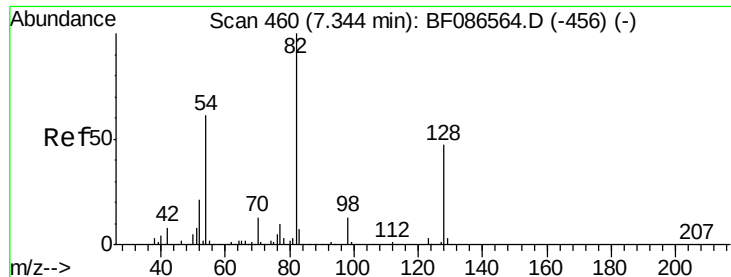
Tgt Ion: 70 Resp: 148447
Ion Ratio Lower Upper
70 100
42 65.6 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Tgt Ion: 136 Resp: 744973
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.6 5.0 7.4#
68 6.3 4.4 6.6

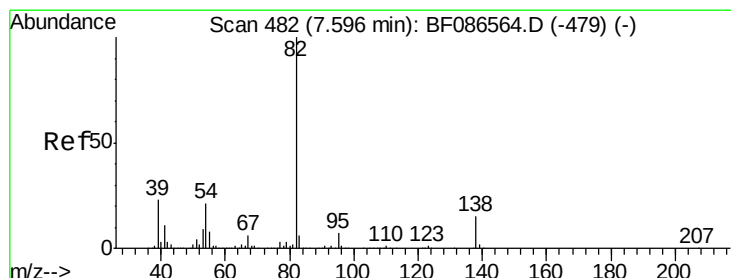
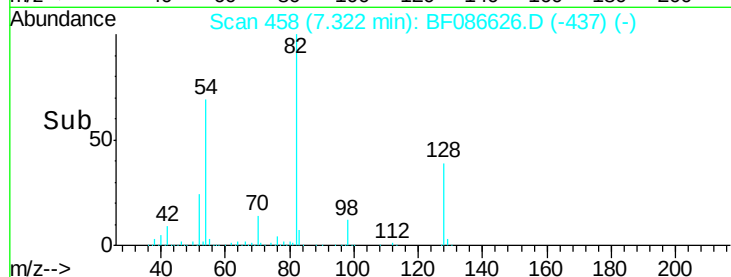
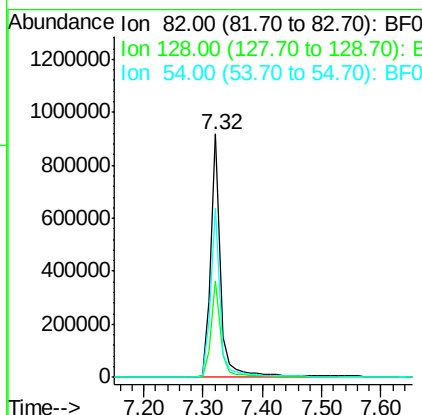
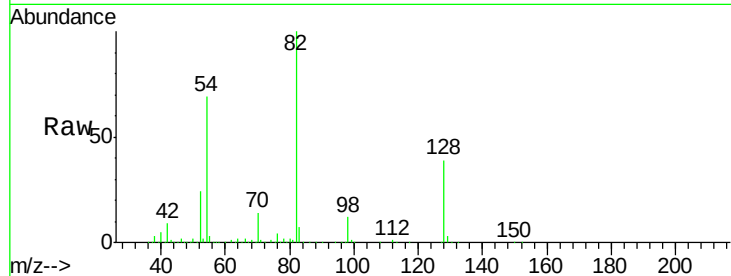




#23
 Nitrobenzene-d5
 Concen: 78.53 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF086626.D
 Acq: 2 May 2016 19:22

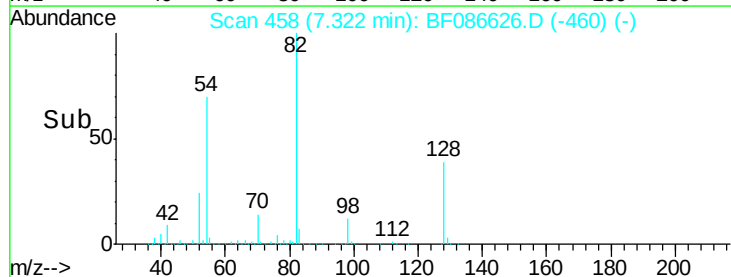
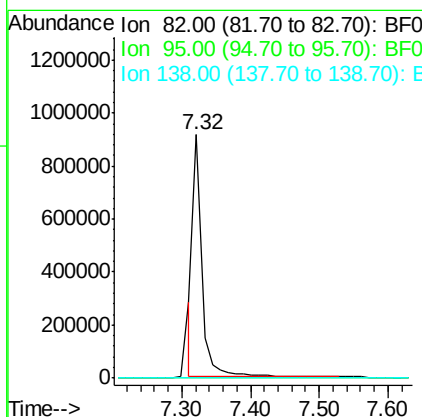
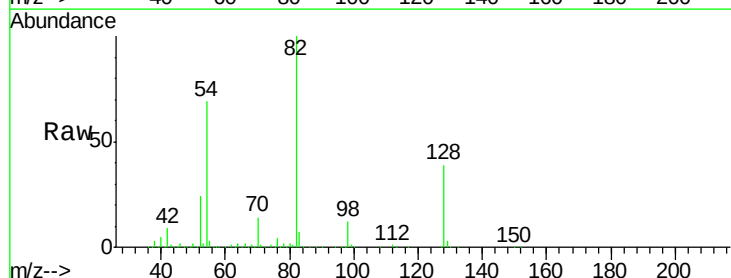
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-4-CS-2(8-16FTBGS)

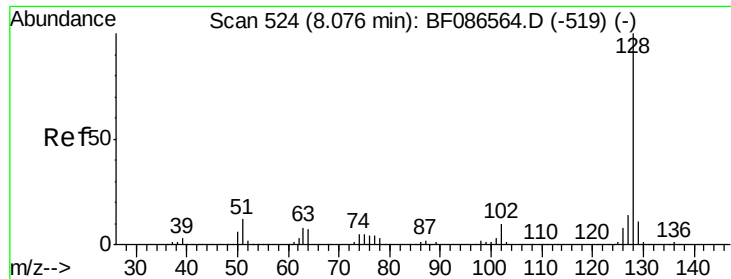
Tgt Ion: 82 Resp: 1085403
 Ion Ratio Lower Upper
 82 100
 128 39.5 40.6 61.0#
 54 69.4 38.1 57.1#



#25
 Isophorone
 Concen: 31.13 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.32 min
 Lab File: BF086626.D
 Acq: 2 May 2016 19:22

Tgt Ion: 82 Resp: 828091
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

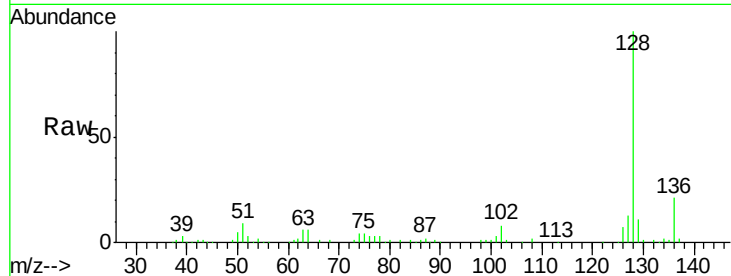




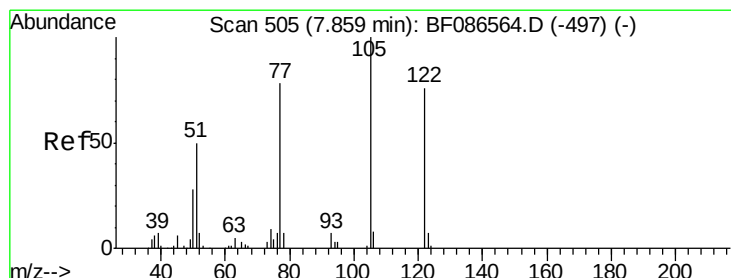
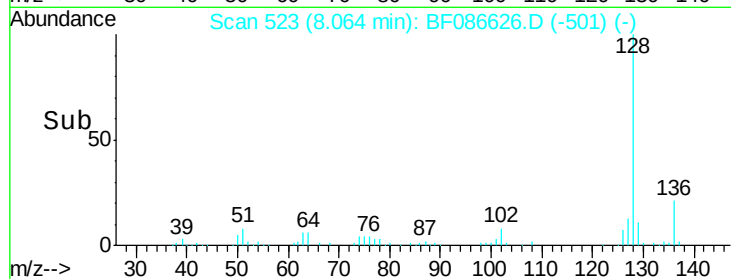
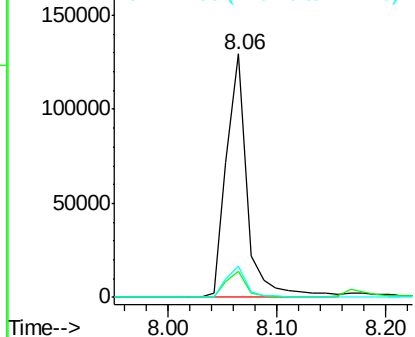
#31
Naphthalene
Concen: 4.50 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

Tgt Ion:128 Resp: 170638
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 12.8 10.8 16.2

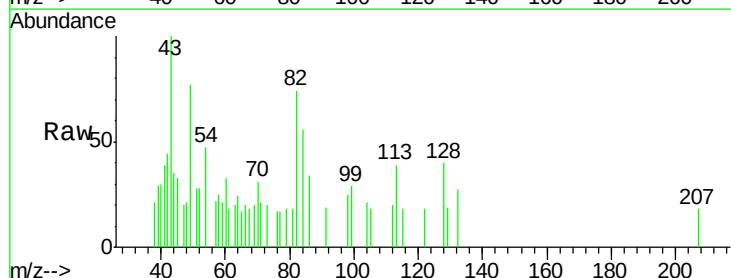


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

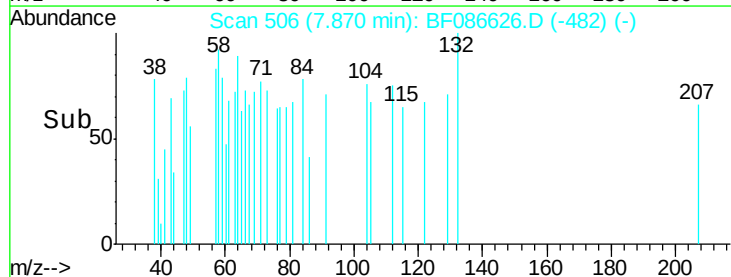
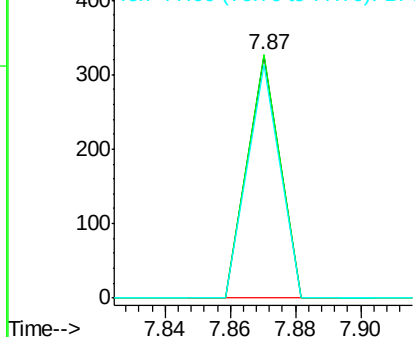


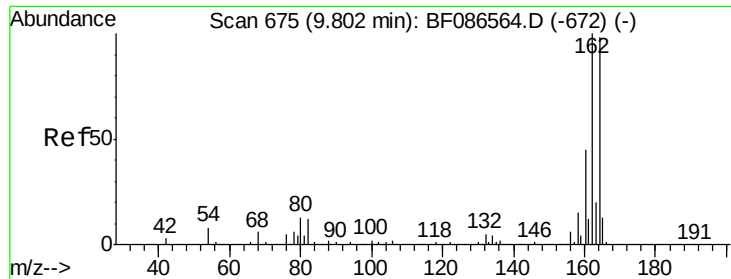
#32
Benzoic acid
Concen: 8.81 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Tgt Ion:122 Resp: 224
Ion Ratio Lower Upper
122 100
105 100.3 92.6 132.6
77 96.0 60.0 100.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.06 min

Lab File: BF086626.D

Acq: 2 May 2016 19:22

Instrument :

BNA_F

ClientSampleId :

26WARD-4-CS-2(8-16FTBGS)

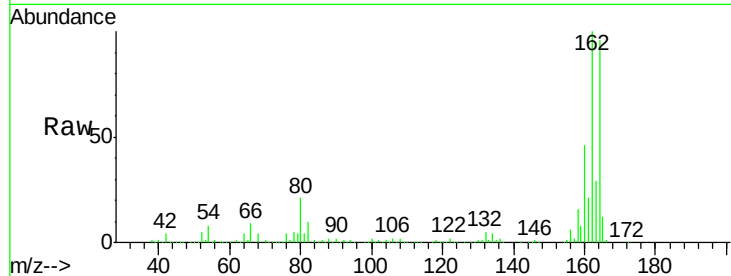
Tgt Ion:164 Resp: 333716

Ion Ratio Lower Upper

164 100

162 104.3 82.8 124.2

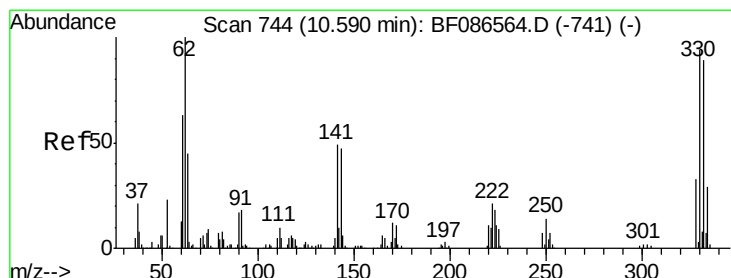
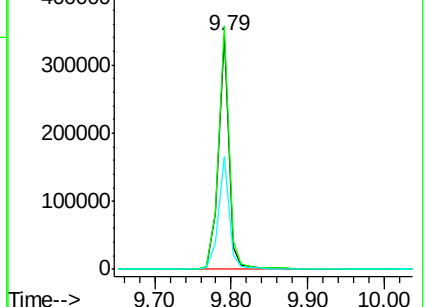
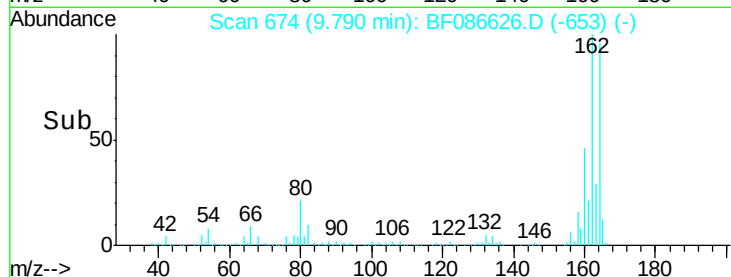
160 48.2 36.9 55.3



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: 128.49 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.06 min

Lab File: BF086626.D

Acq: 2 May 2016 19:22

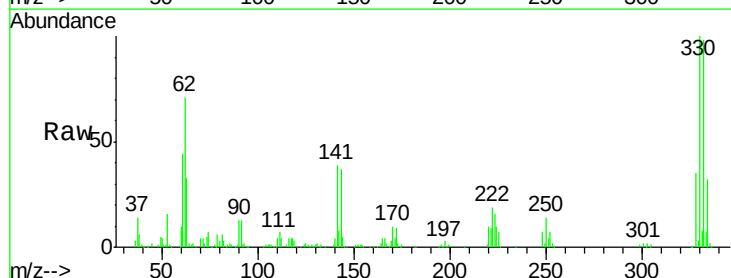
Tgt Ion:330 Resp: 452200

Ion Ratio Lower Upper

330 100

332 97.8 79.0 118.4

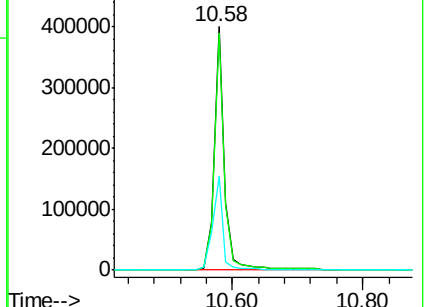
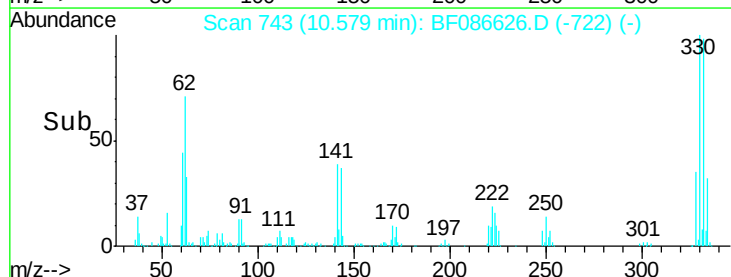
141 38.9 31.2 46.8

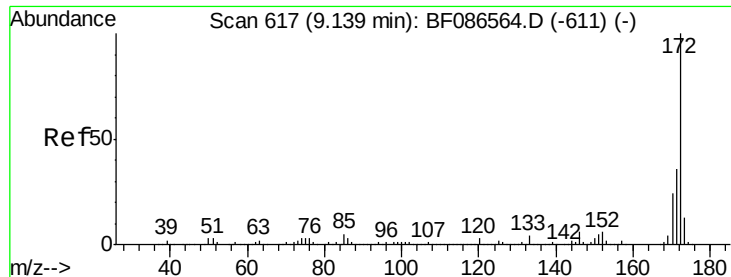


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

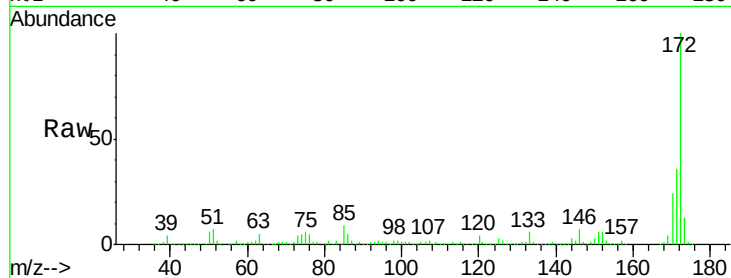




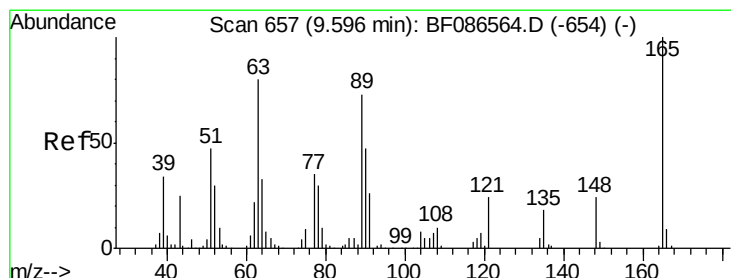
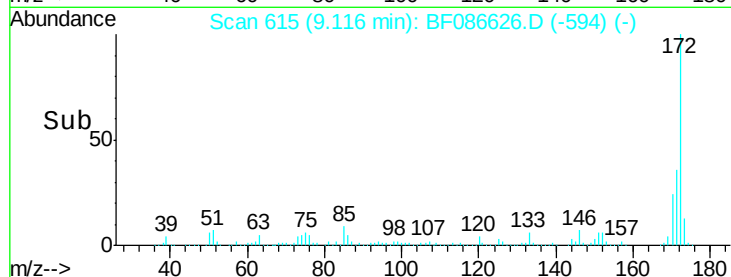
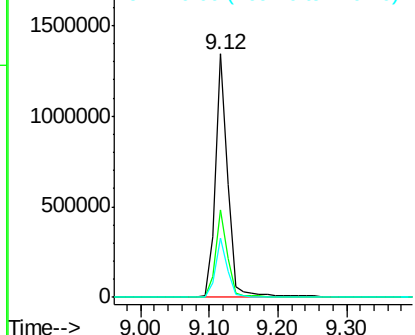
#44
 2-Fluorobiphenyl
 Concen: 92.68 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086626.D
 Acq: 2 May 2016 19:22

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-4-CS-2(8-16FTBGS)

Tgt Ion:172 Resp: 1733739
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.4 19.8 29.8

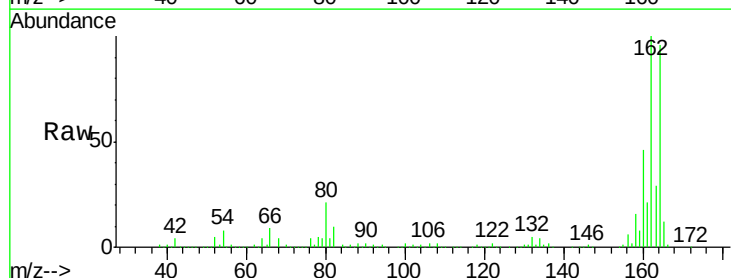


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

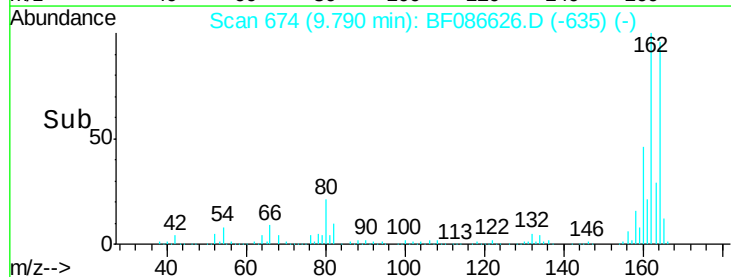
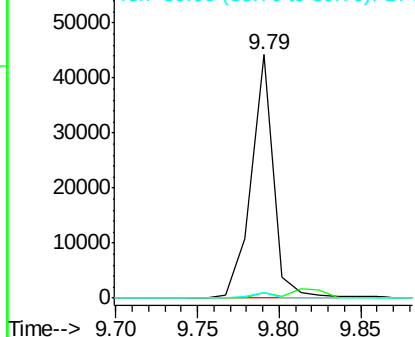


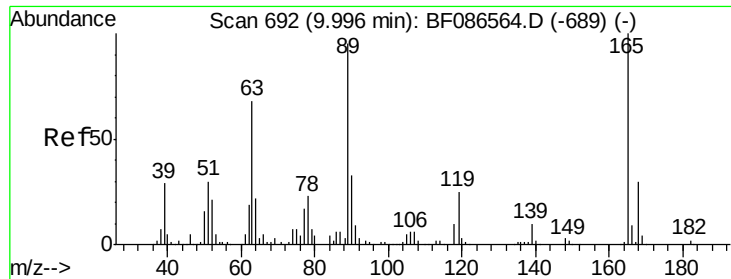
#50
 2,6-Dinitrotoluene
 Concen: 8.11 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.15 min
 Lab File: BF086626.D
 Acq: 2 May 2016 19:22

Tgt Ion:165 Resp: 42094
 Ion Ratio Lower Upper
 165 100
 63 2.3 51.8 77.8#
 89 2.2 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

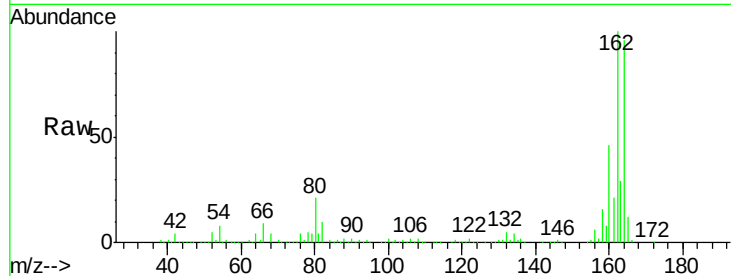




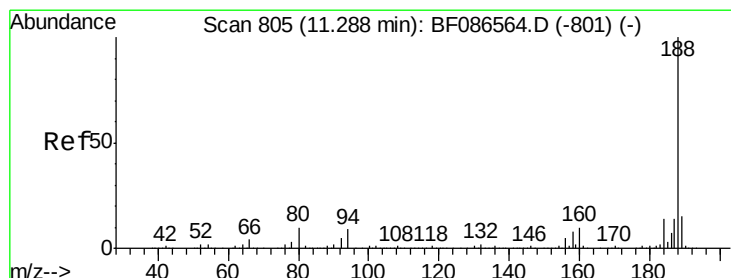
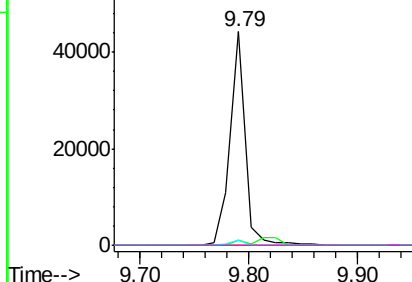
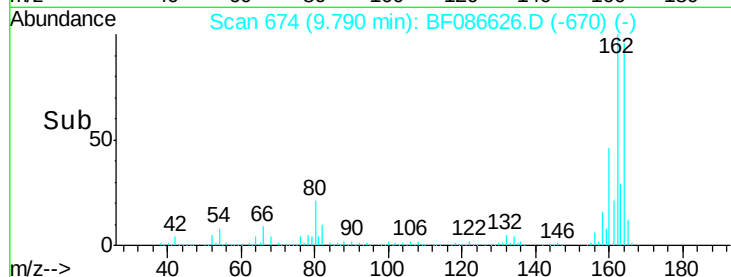
#56
 2,4-Dinitrotoluene
 Concen: 6.44 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.25 min
 Lab File: BF086626.D
 Acq: 2 May 2016 19:22

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-4-CS-2(8-16FTBGS)

Tgt Ion:165 Resp: 42598
 Ion Ratio Lower Upper
 165 100
 63 2.3 44.3 66.5#
 89 2.2 70.0 105.0#
 182 0.0 1.8 2.6#

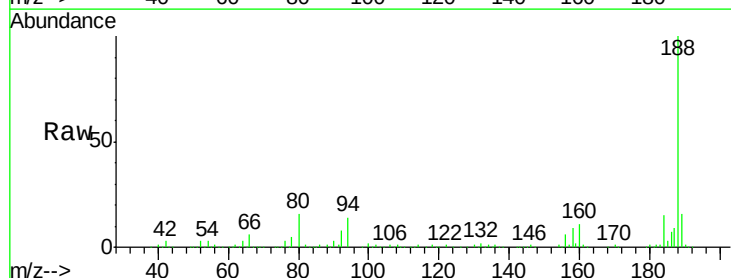


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

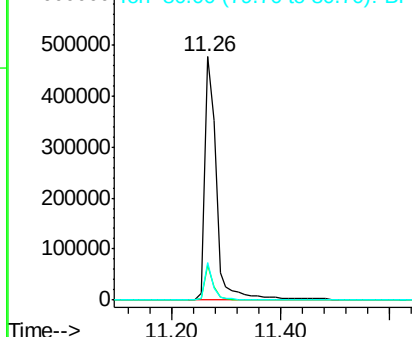
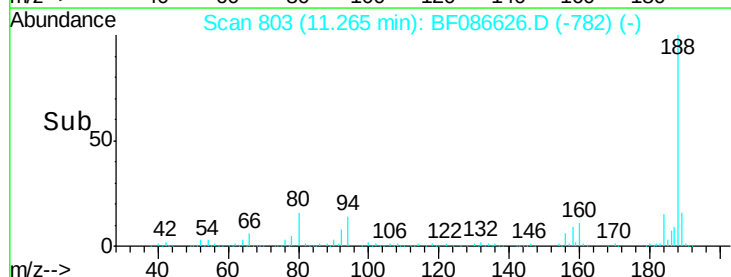


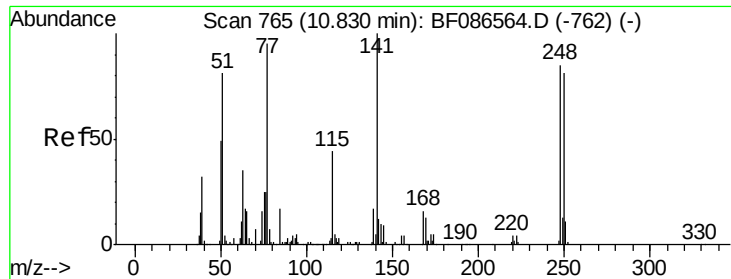
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF086626.D
 Acq: 2 May 2016 19:22

Tgt Ion:188 Resp: 705425
 Ion Ratio Lower Upper
 188 100
 94 14.4 6.8 10.2#
 80 15.6 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: 3.83 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.30 min

Lab File: BF086626.D

Acq: 2 May 2016 19:22

Instrument :

BNA_F

ClientSampleId :

26WARD-4-CS-2(8-16FTBGS)

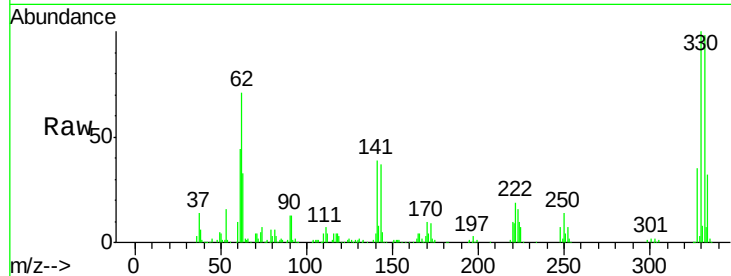
Tgt Ion:248 Resp: 27839

Ion Ratio Lower Upper

248 100

250 205.0 78.6 117.8#

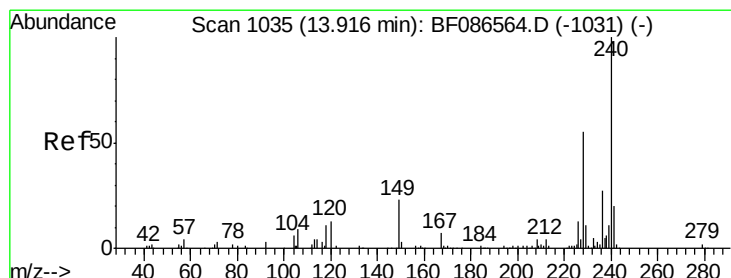
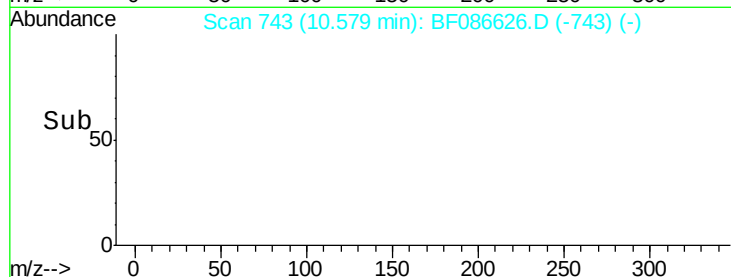
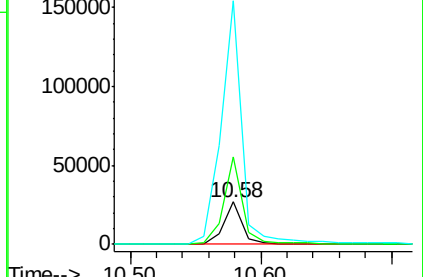
141 571.8 76.0 114.0#



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: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086626.D

Acq: 2 May 2016 19:22

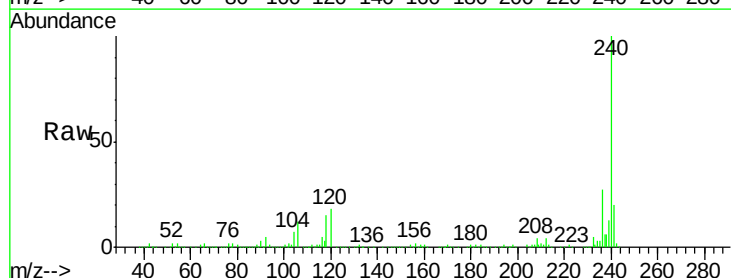
Tgt Ion:240 Resp: 549138

Ion Ratio Lower Upper

240 100

120 18.1 11.2 16.8#

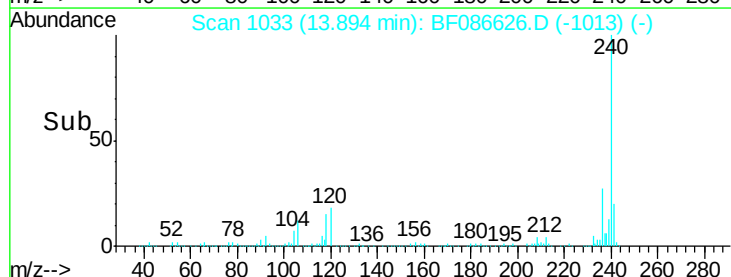
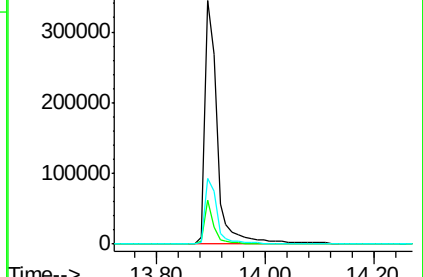
236 27.0 21.2 31.8

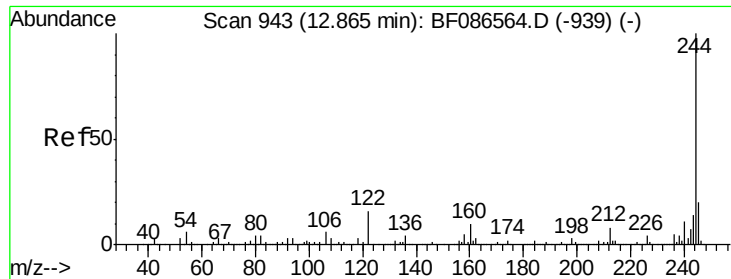


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.33 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086626.D

Acq: 2 May 2016 19:22

Instrument :

BNA_F

ClientSampleId :

26WARD-4-CS-2(8-16FTBGS)

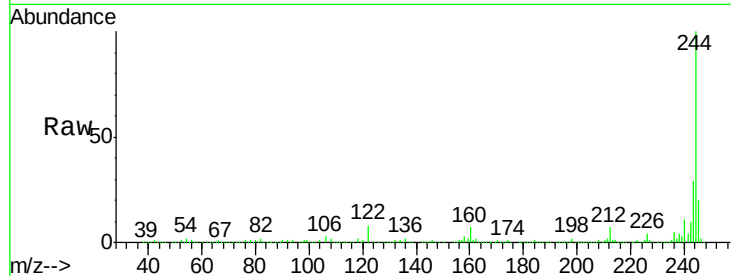
Tgt Ion:244 Resp: 2077058

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

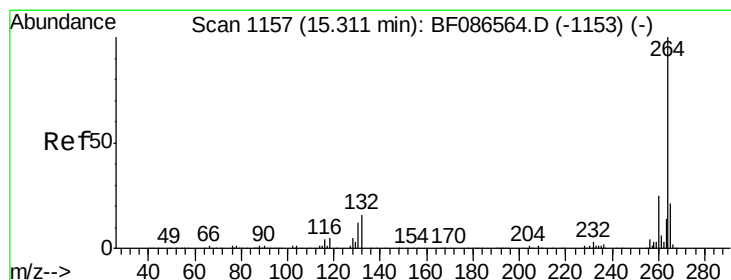
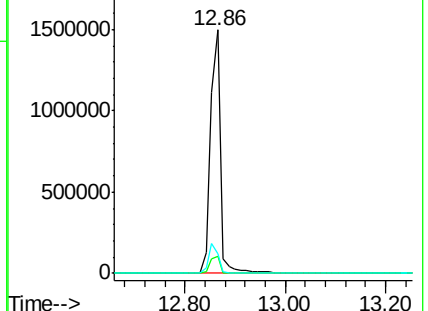
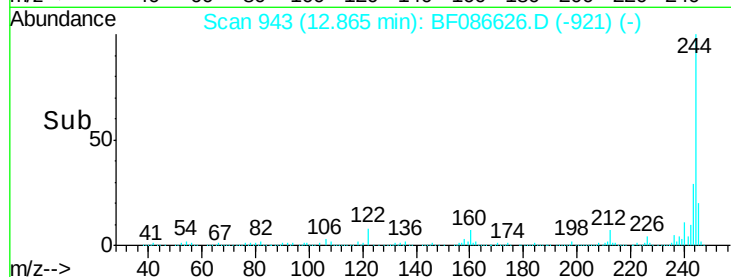
122 8.3 12.0 18.0#



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: 15.29 min Scan# 1155

Delta R.T. -0.07 min

Lab File: BF086626.D

Acq: 2 May 2016 19:22

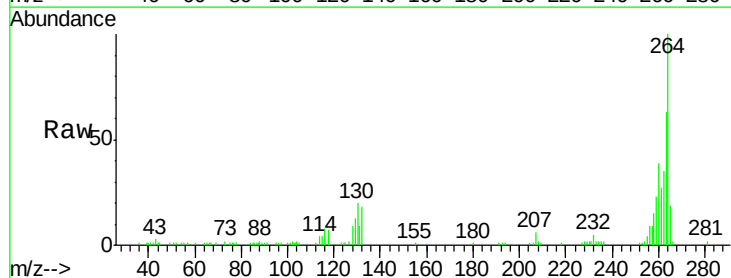
Tgt Ion:264 Resp: 89271

Ion Ratio Lower Upper

264 100

260 39.4 19.5 29.3#

265 19.5 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

