

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
 Data File : BF086628.D
 Acq On : 2 May 2016 20:20
 Operator : UM/SJ
 Sample : H2716-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-1(0-12FTBGS)

Quant Time: May 03 01:18:28 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

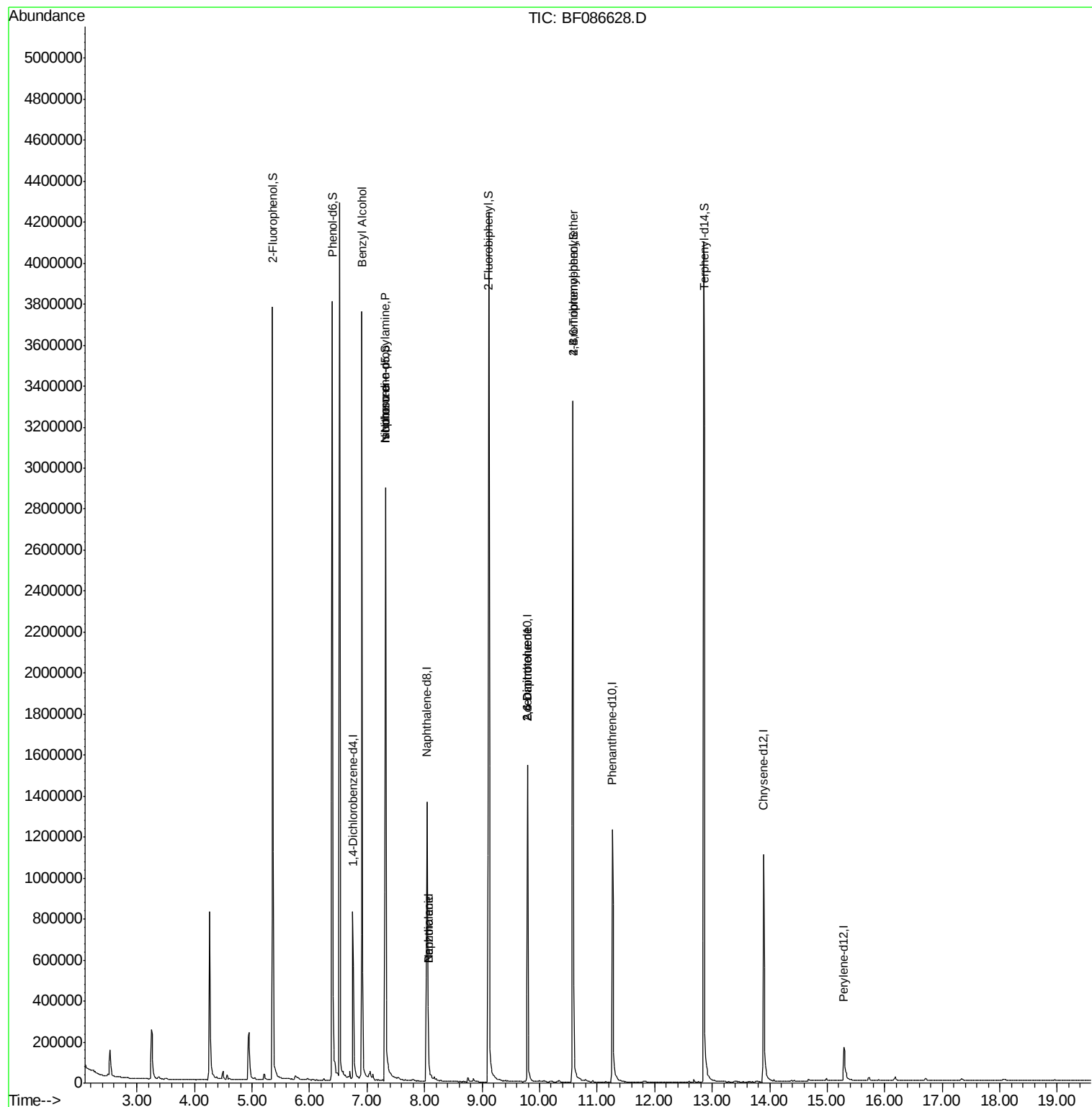
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	167023	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	727331	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	312521	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	677267	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	496117	20.00	ng	-0.07
86) Perylene-d12	15.29	264	31223	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1048776	108.31	ng	-0.03
7) Phenol-d6	6.40	99	1303335	96.44	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1050372	77.84	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	418484	126.98	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1655496	95.04	ng	-0.06
78) Terphenyl-d14	12.85	244	1908524	84.75	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	6.91	79	17445	2.04	ng	# 40
19) n-Nitroso-di-n-propylamine	7.32	70	143319	16.04	ng	# 75
25) Isophorone	7.32	82	794227	30.58	ng	# 68
31) Naphthalene	8.06	128	209305	5.66	ng	# 99
32) Benzoic acid	8.06	122	317	8.82	ng	# 1
50) 2,6-Dinitrotoluene	9.79	165	38523	7.93	ng	# 21
56) 2,4-Dinitrotoluene	9.79	165	38791	6.26	ng	# 17
66) 4-Bromophenyl-phenylether	10.58	248	25971	3.72	ng	# 1

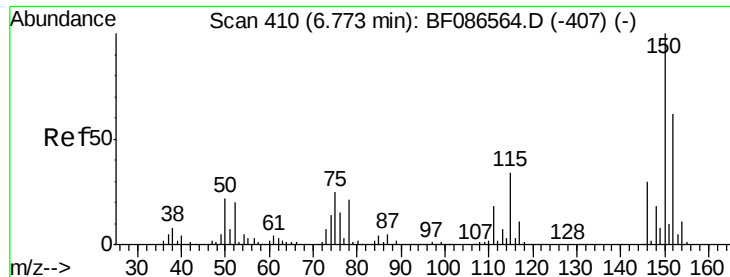
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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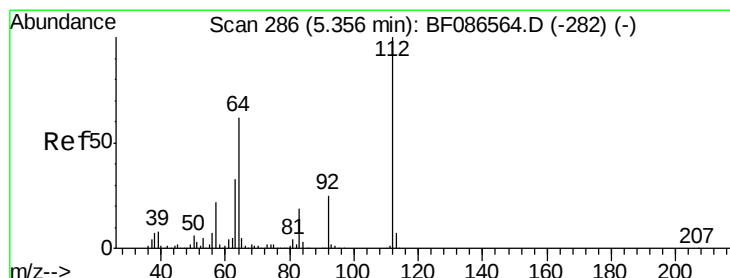
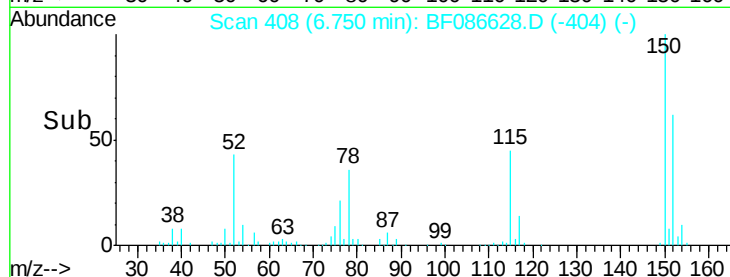
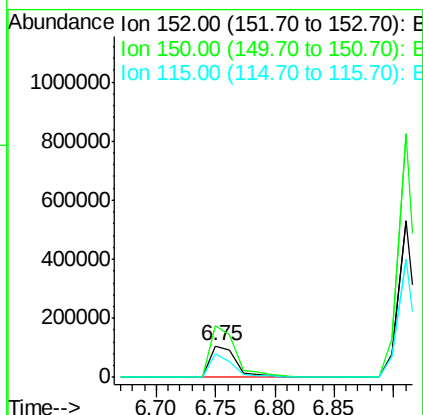
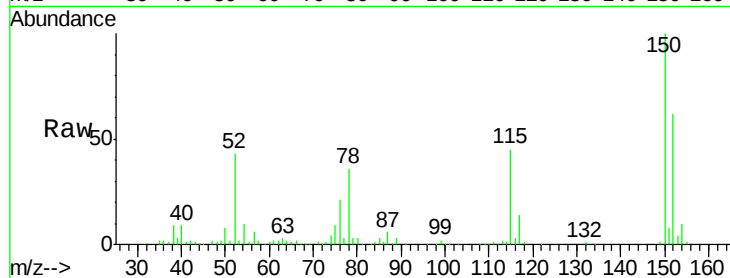


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF086628.D
Acq: 2 May 2016 20:20

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-1(0-12FTBGS)

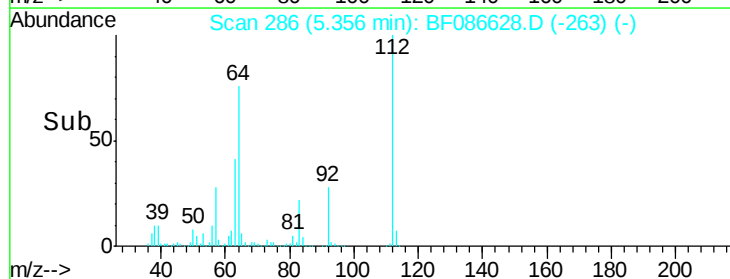
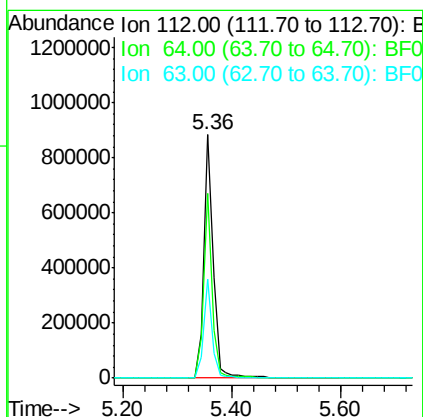
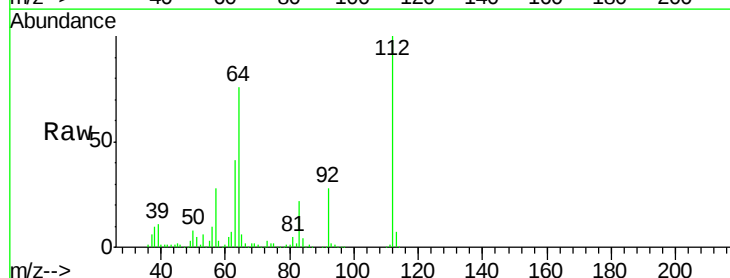
Tgt Ion:152 Resp: 167023
Ion Ratio Lower Upper
152 100
150 162.4 125.8 188.6
115 73.6 51.5 77.3

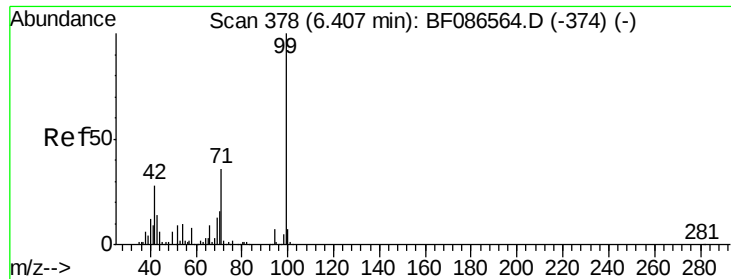


#5

2-Fluorophenol
Concen: 108.31 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.03 min
Lab File: BF086628.D
Acq: 2 May 2016 20:20

Tgt Ion:112 Resp: 1048776
Ion Ratio Lower Upper
112 100
64 75.6 52.1 78.1
63 40.6 25.7 38.5#





#7

Phenol-d6

Concen: 96.44 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086628.D

Acq: 2 May 2016 20:20

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-1(0-12FTBGS)

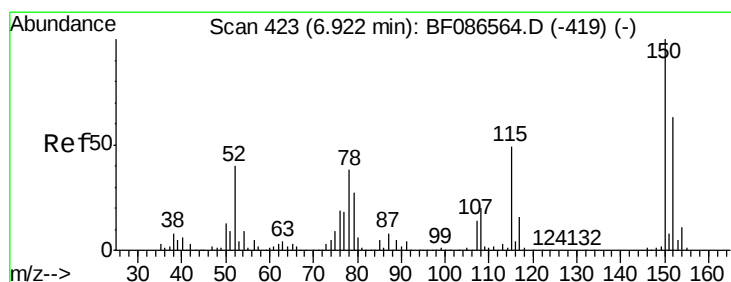
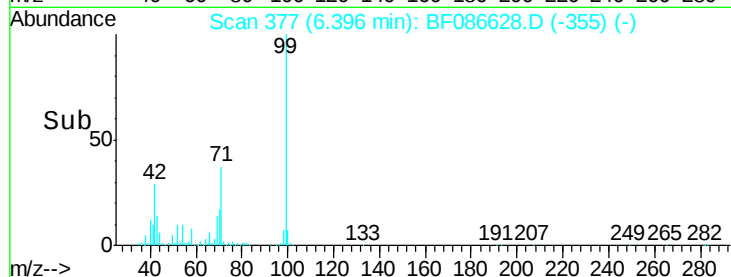
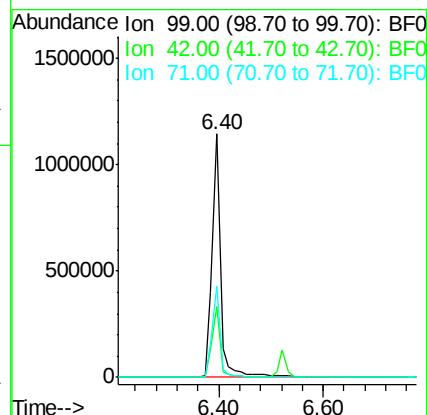
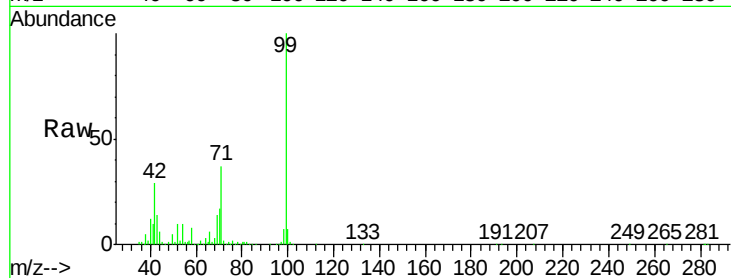
Tgt Ion: 99 Resp: 1303335

Ion Ratio Lower Upper

99 100

42 29.0 13.6 20.4#

71 37.4 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF086628.D

Acq: 2 May 2016 20:20

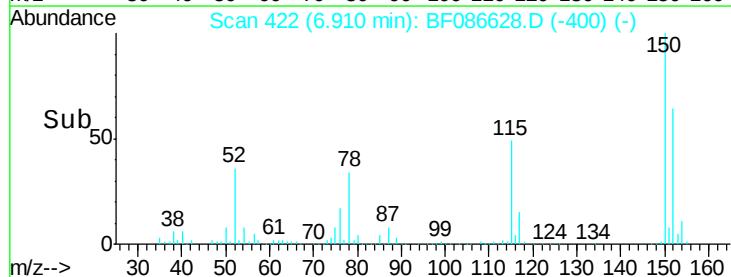
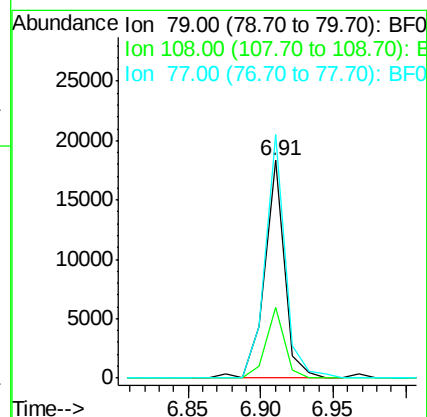
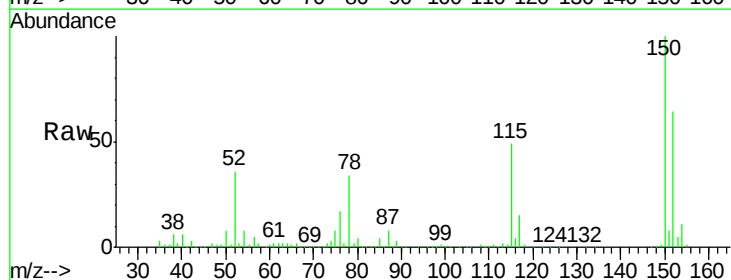
Tgt Ion: 79 Resp: 17445

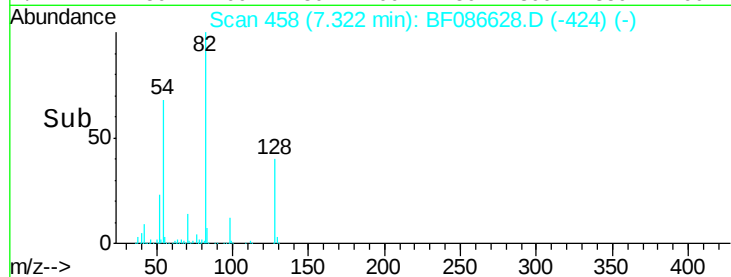
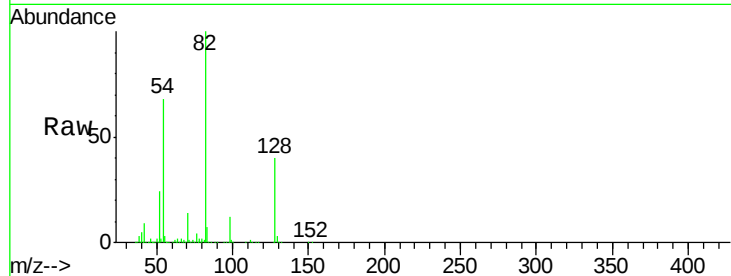
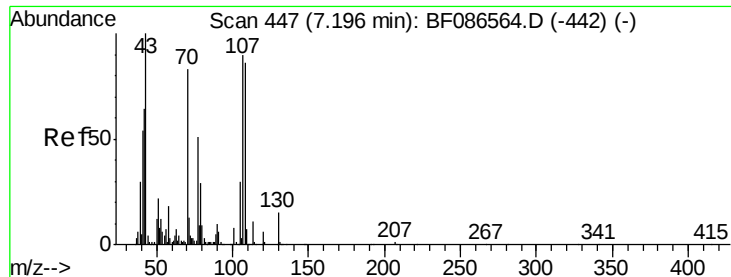
Ion Ratio Lower Upper

79 100

108 32.8 68.4 102.6#

77 111.9 50.6 76.0#

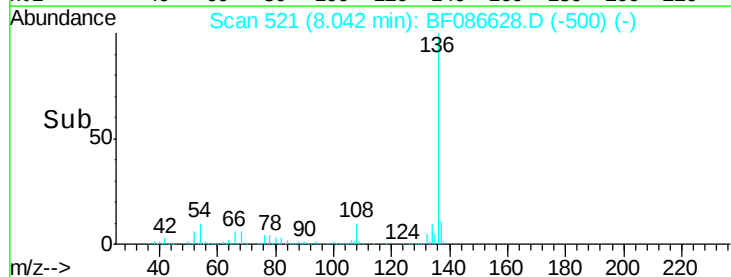
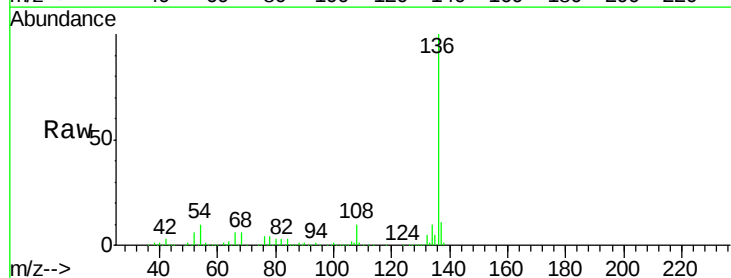
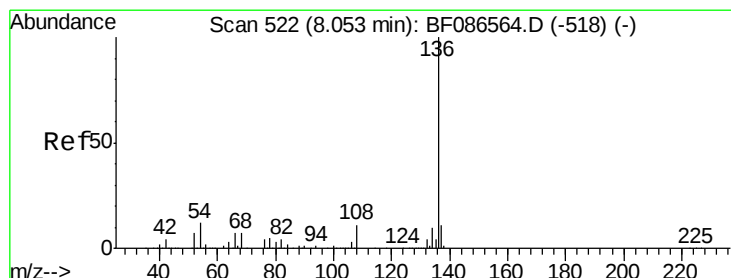
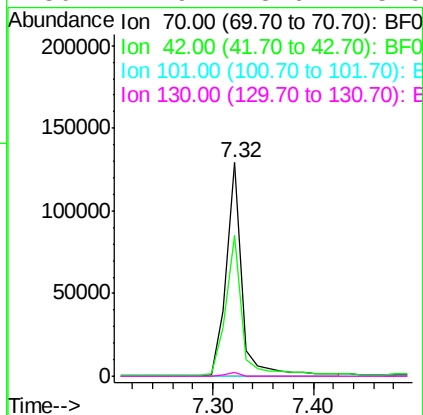




#19
n-Nitroso-di-n-propylamine
Concen: 16.04 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.09 min
Lab File: BF086628.D
Acq: 2 May 2016 20:20

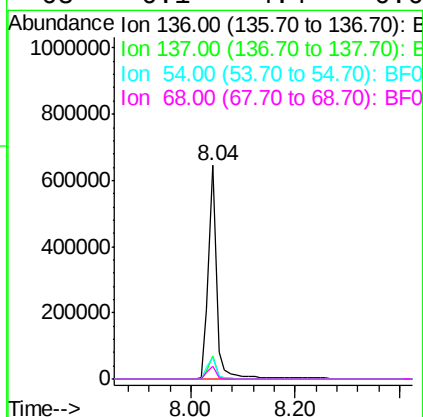
Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-1(0-12FTBGS)

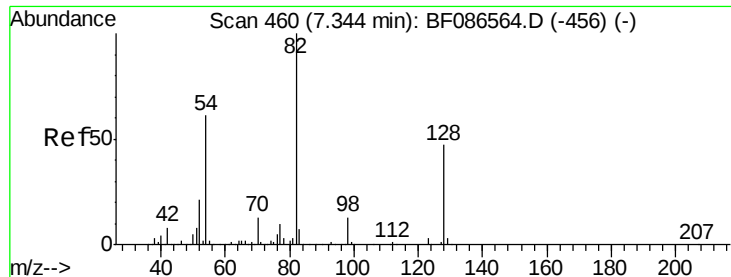
Tgt Ion:	70	Resp:	143319
Ion	Ratio	Lower	Upper
70	100		
42	65.7	43.1	64.7#
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086628.D
Acq: 2 May 2016 20:20

Tgt Ion:	136	Resp:	727331
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.4	5.0	7.4#
68	6.1	4.4	6.6

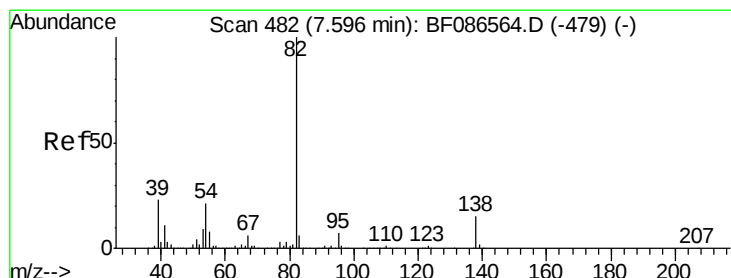
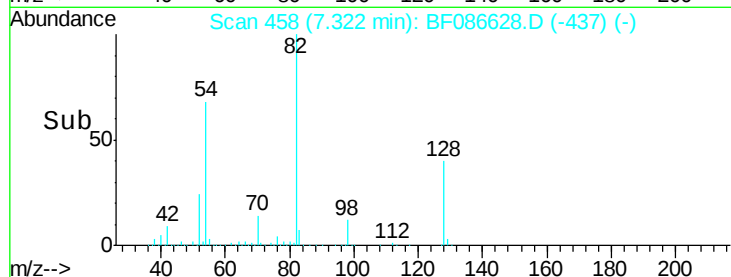
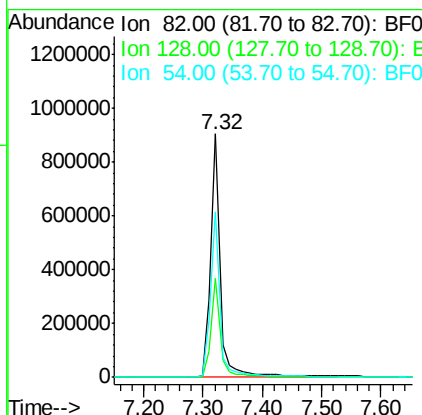
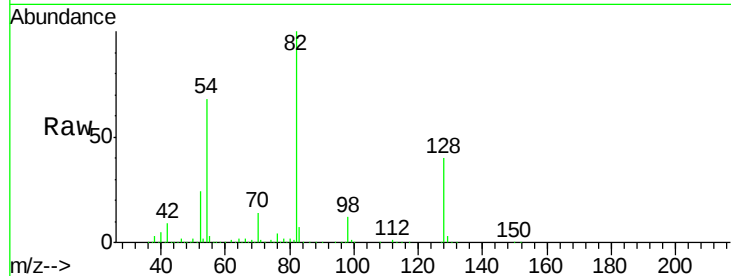




#23
 Nitrobenzene-d5
 Concen: 77.84 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

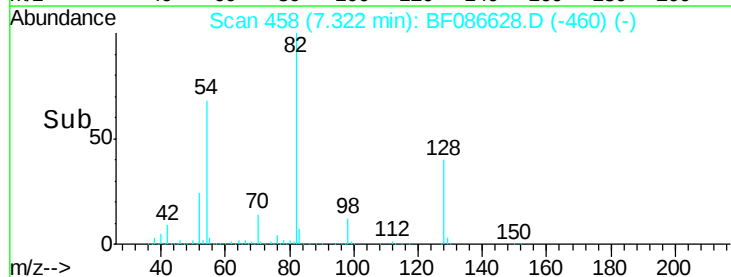
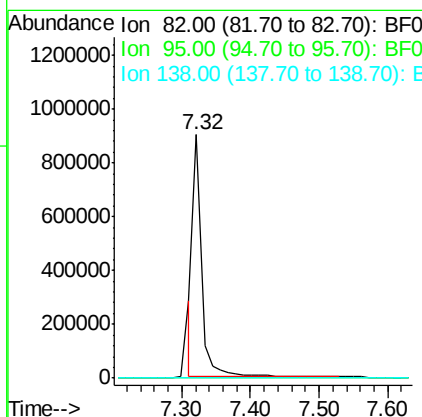
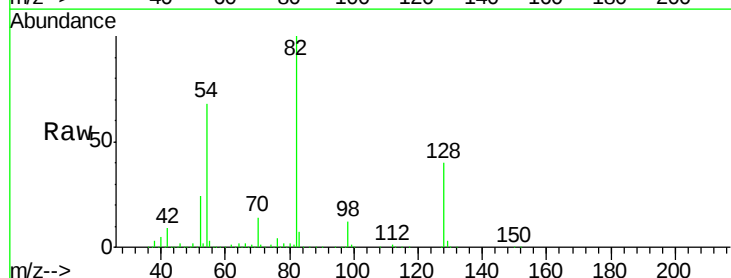
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-1(0-12FTBGS)

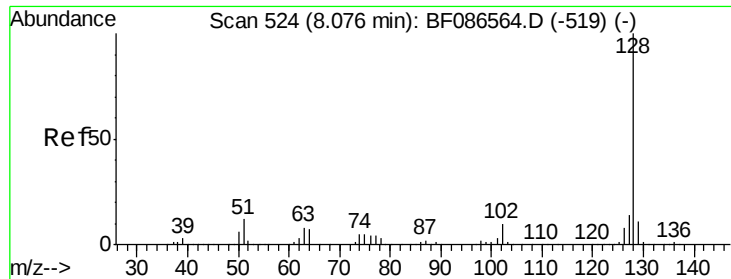
Tgt Ion: 82 Resp: 1050372
 Ion Ratio Lower Upper
 82 100
 128 40.4 40.6 61.0#
 54 67.9 38.1 57.1#



#25
 Isophorone
 Concen: 30.58 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.32 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

Tgt Ion: 82 Resp: 794227
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

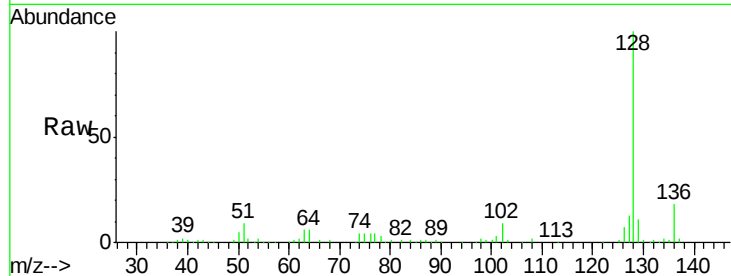




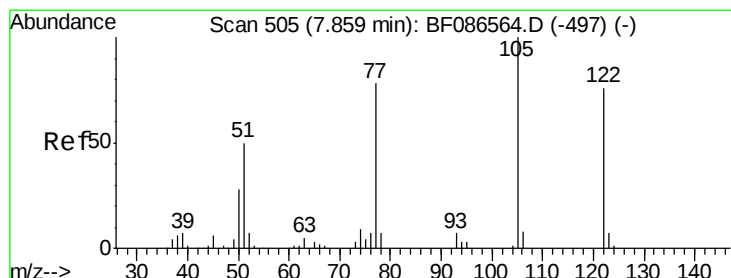
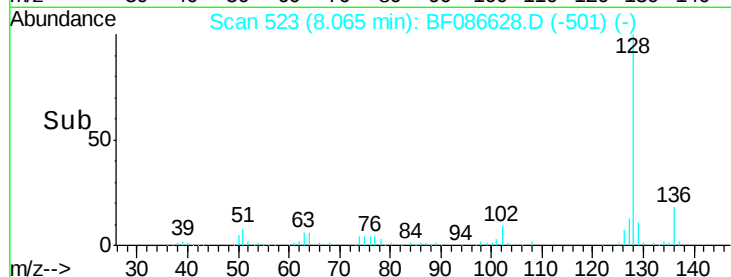
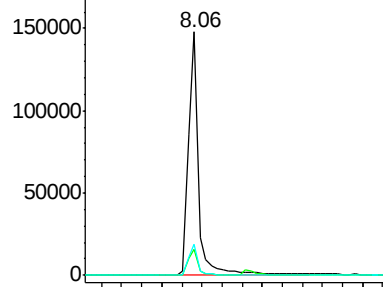
#31
Naphthalene
Concen: 5.66 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF086628.D
Acq: 2 May 2016 20:20

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-1(0-12FTBGS)

Tgt Ion:128 Resp: 209305
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.5 10.8 16.2

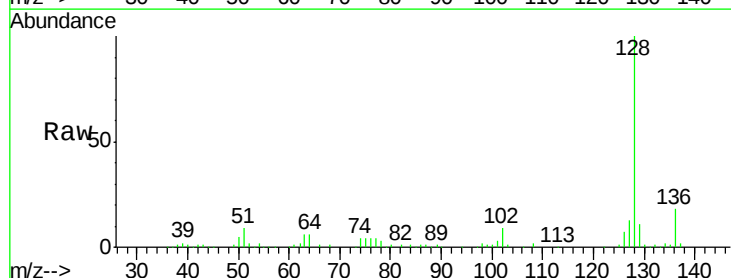


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

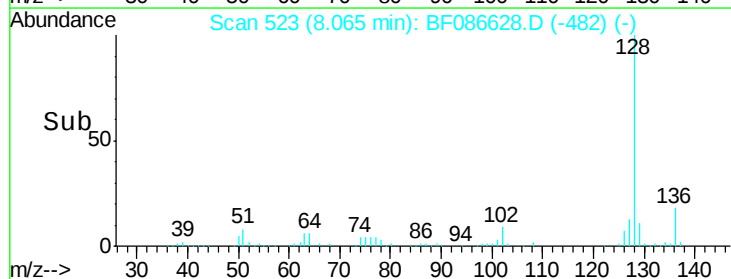
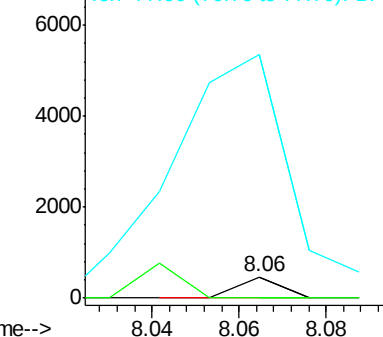


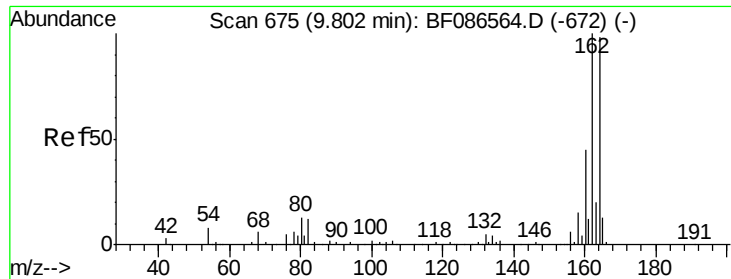
#32
Benzoic acid
Concen: 8.82 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.17 min
Lab File: BF086628.D
Acq: 2 May 2016 20:20

Tgt Ion:122 Resp: 317
Ion Ratio Lower Upper
122 100
105 0.0 92.6 132.6#
77 1159.3 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

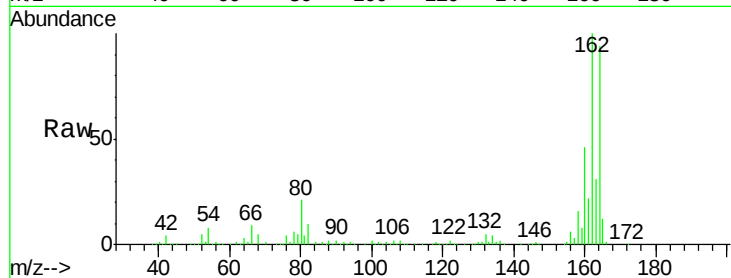




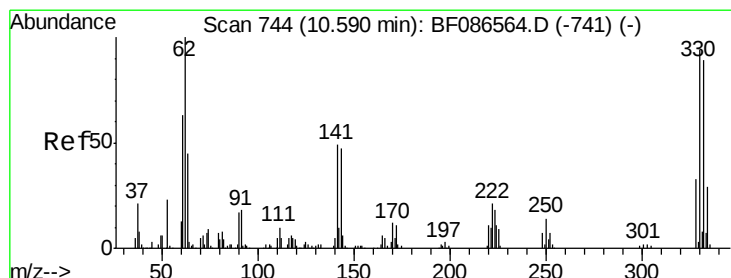
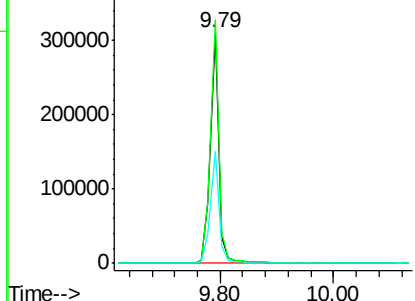
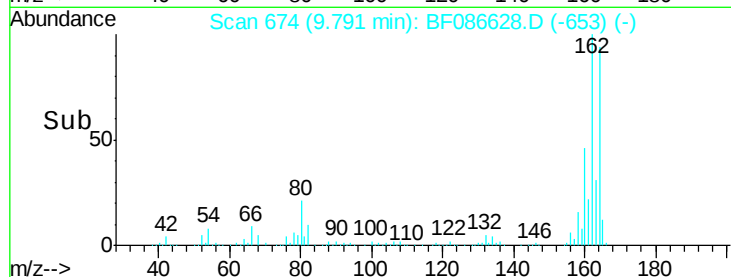
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-1(0-12FTBGS)

Tgt Ion:164 Resp: 312521
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.8 124.2
 160 48.8 36.9 55.3

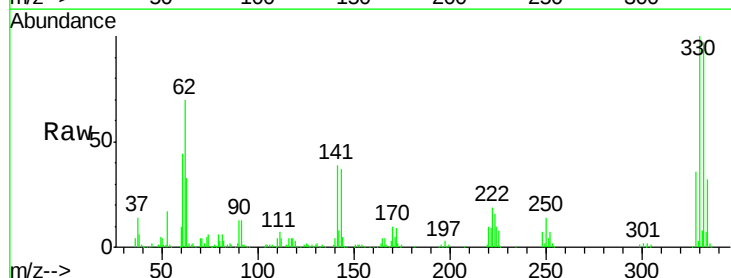


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

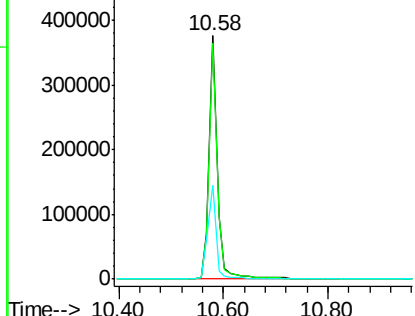
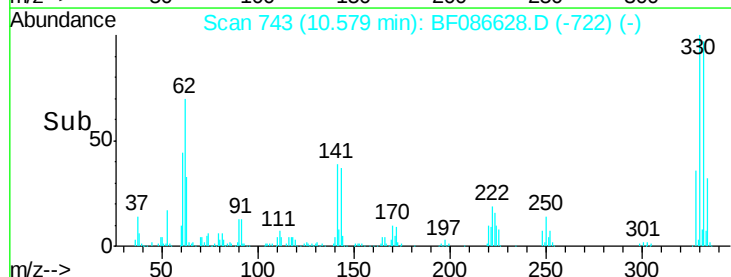


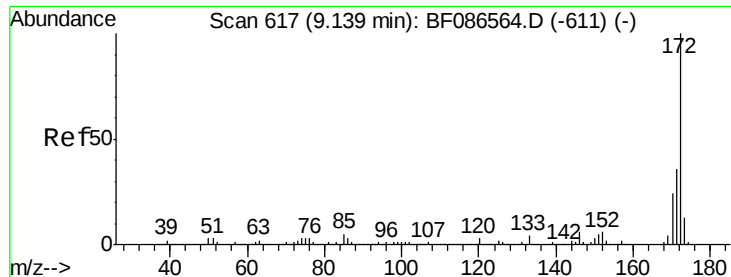
#41
 2,4,6-Tribromophenol
 Concen: 126.98 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

Tgt Ion:330 Resp: 418484
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.0 118.4
 141 40.1 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: 95.04 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.06 min

Lab File: BF086628.D

Acq: 2 May 2016 20:20

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-1(0-12FTBGS)

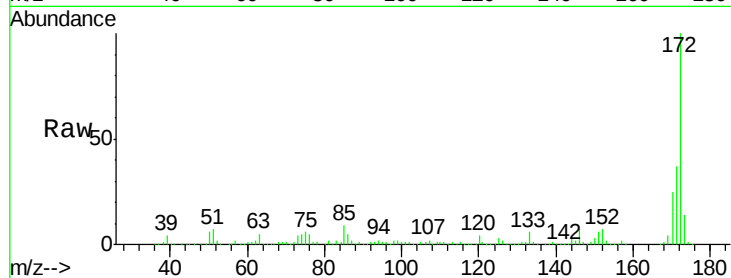
Tgt Ion:172 Resp: 1655496

Ion Ratio Lower Upper

172 100

171 36.8 29.0 43.6

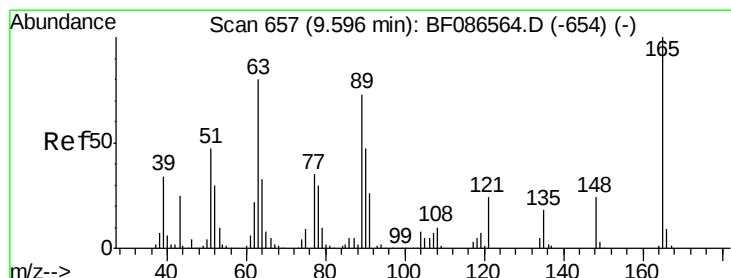
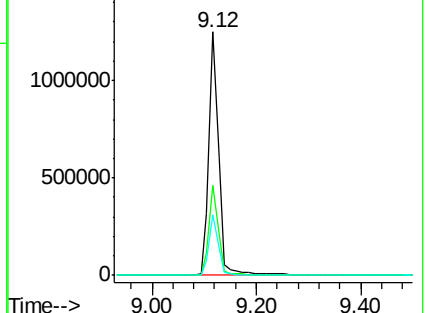
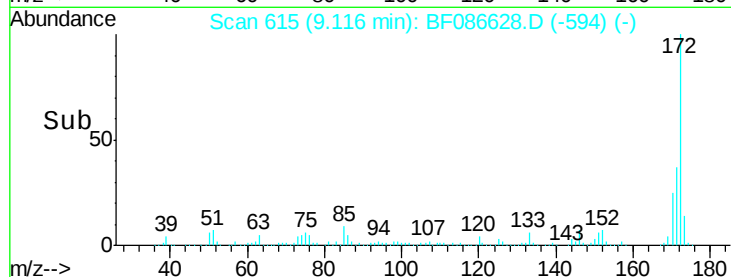
170 25.1 19.8 29.8



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: 7.93 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.15 min

Lab File: BF086628.D

Acq: 2 May 2016 20:20

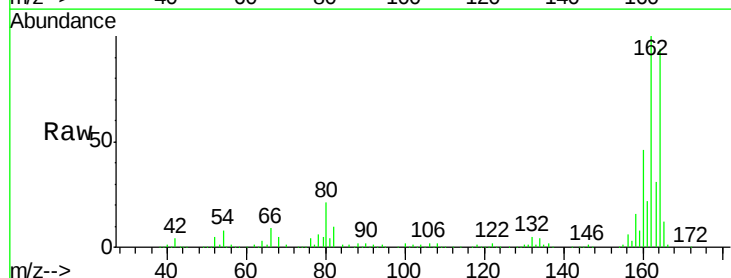
Tgt Ion:165 Resp: 38523

Ion Ratio Lower Upper

165 100

63 2.6 51.8 77.8#

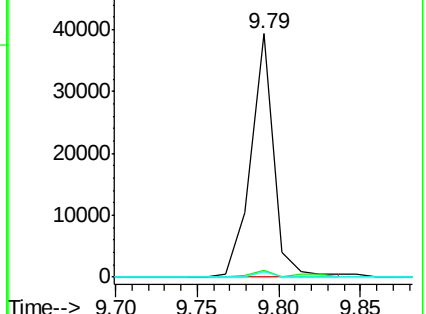
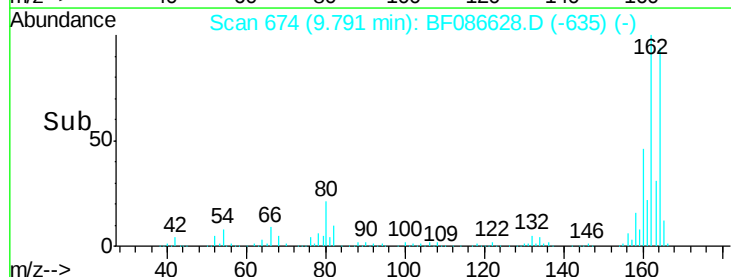
89 2.2 50.7 76.1#

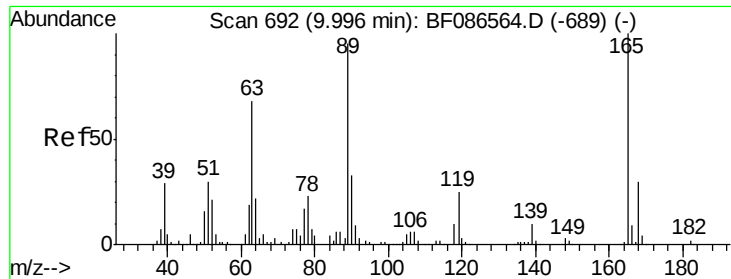


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

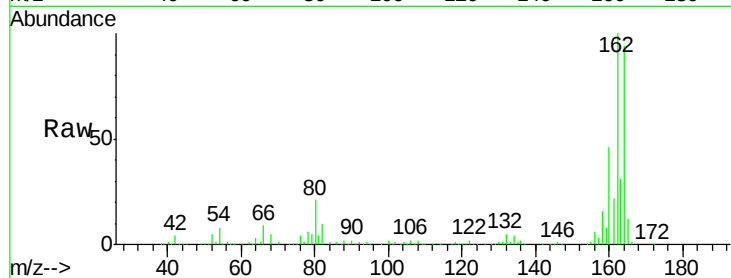




#56
 2,4-Dinitrotoluene
 Concen: 6.26 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.25 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-1(0-12FTBGS)

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

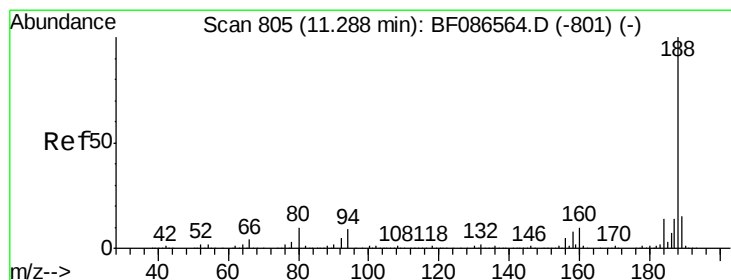
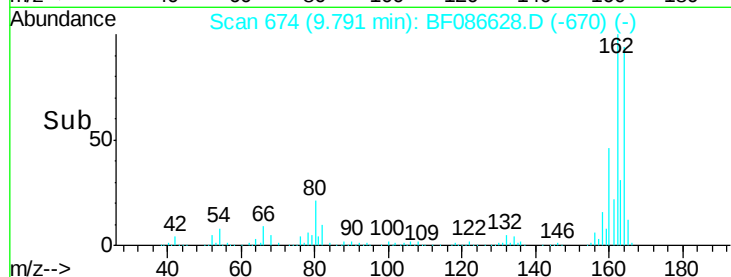
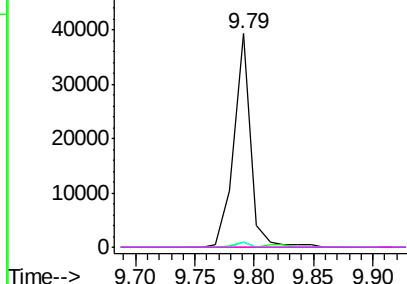


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

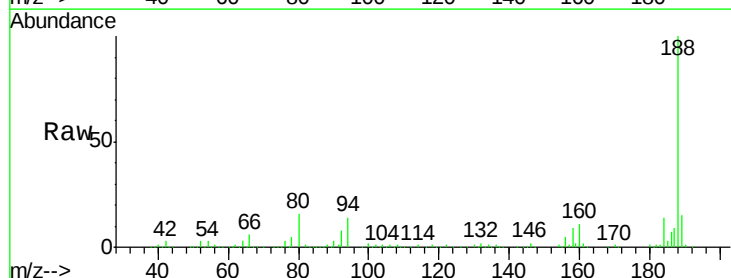
Ion 89.00 (88.70 to 89.70): BF0

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: BF086628.D
 Acq: 2 May 2016 20:20

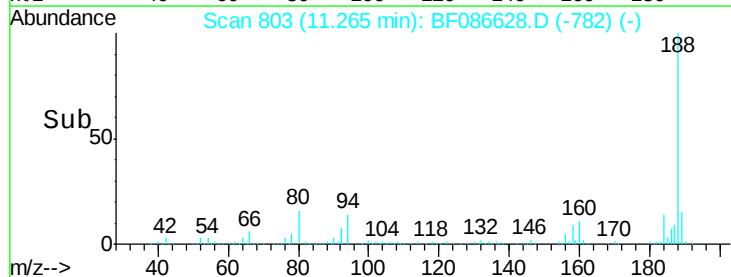
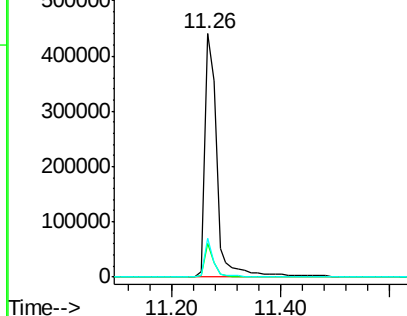
Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.1	6.8	10.2#
80	15.8	7.1	10.7#

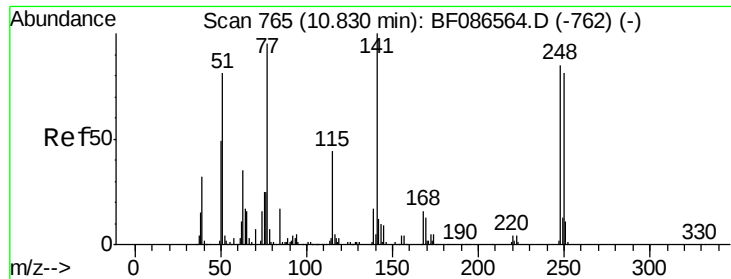


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.72 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.30 min

Lab File: BF086628.D

Acq: 2 May 2016 20:20

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-1(0-12FTBGS)

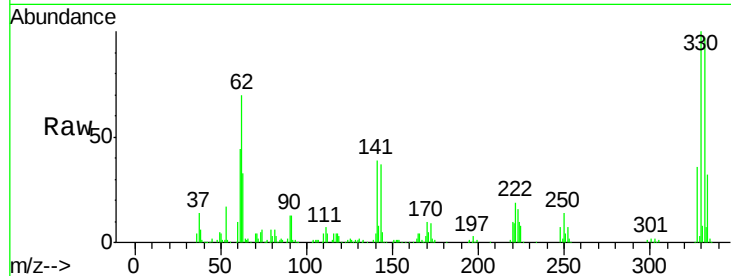
Tgt Ion:248 Resp: 25971

Ion Ratio Lower Upper

248 100

250 199.9 78.6 117.8#

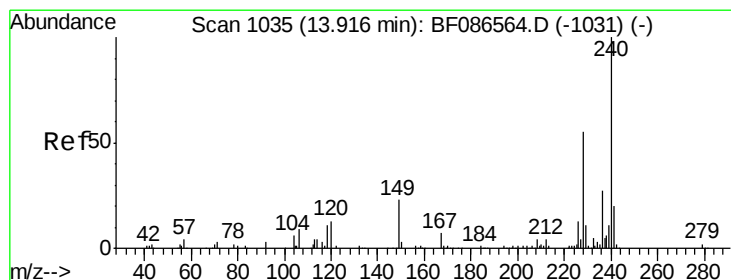
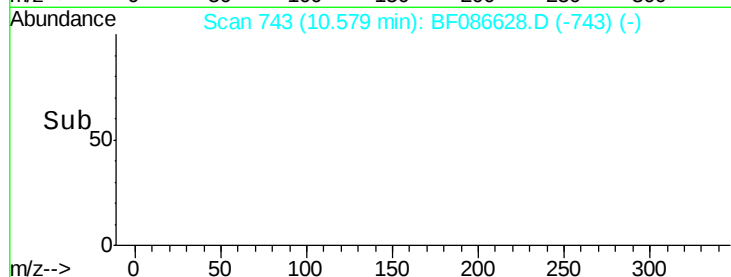
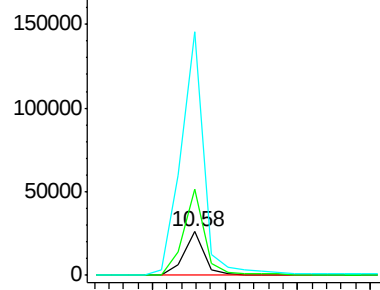
141 561.4 76.0 114.0#



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: BF086628.D

Acq: 2 May 2016 20:20

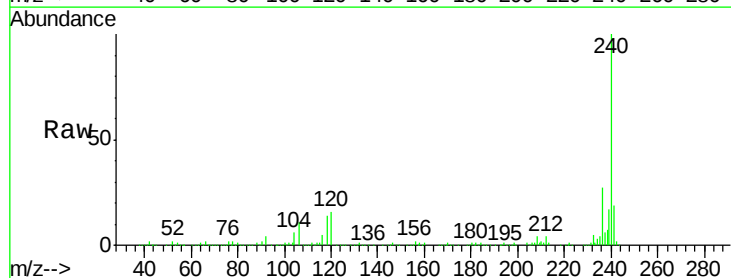
Tgt Ion:240 Resp: 496117

Ion Ratio Lower Upper

240 100

120 15.8 11.2 16.8

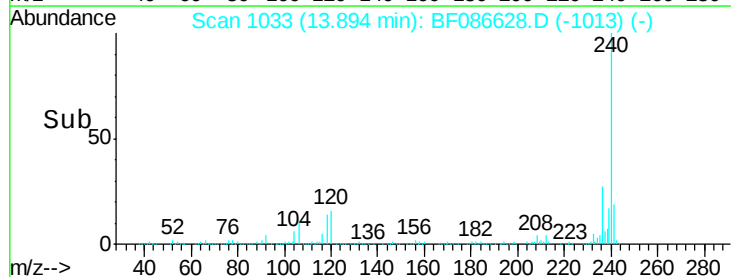
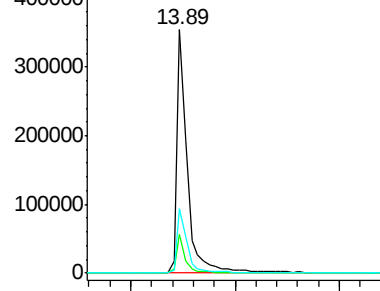
236 26.6 21.2 31.8

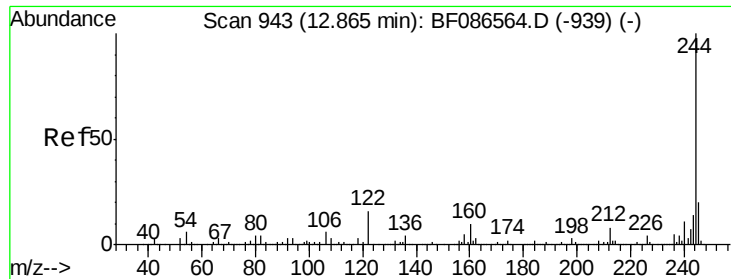


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

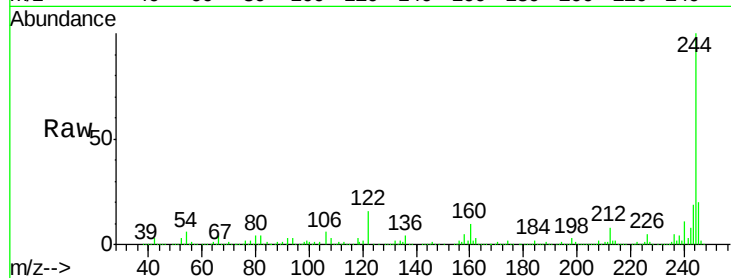




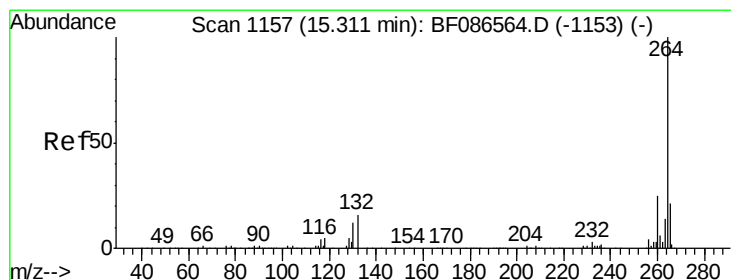
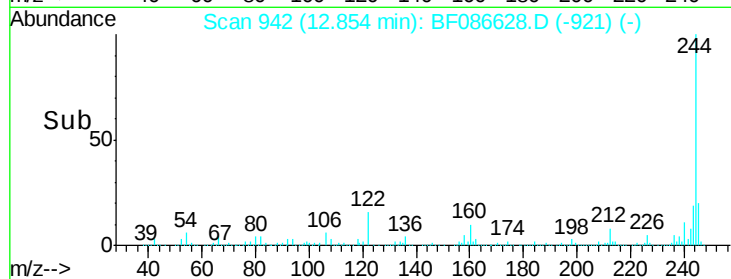
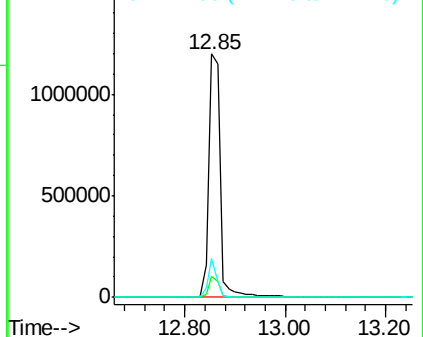
#78
 Terphenyl-d14
 Concen: 84.75 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.06 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-1(0-12FTBGS)

Tgt Ion:244 Resp: 1908524
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.2
 122 15.8 12.0 18.0

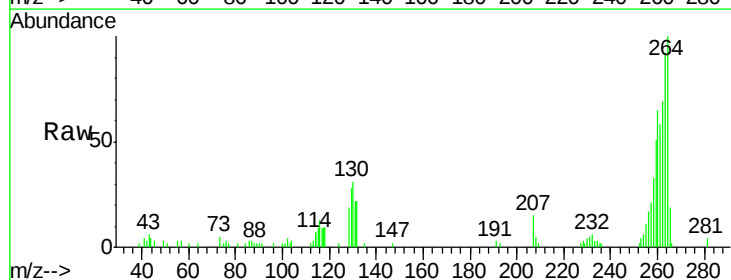


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.07 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

Tgt Ion:264 Resp: 31223
 Ion Ratio Lower Upper
 264 100
 260 64.9 19.5 29.3#
 265 19.1 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

