

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
 Data File : BF086651.D
 Acq On : 3 May 2016 18:22
 Operator : UM/SJ
 Sample : H2685-09
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-8(10-20FTBGS)

Quant Time: May 04 02:31:48 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

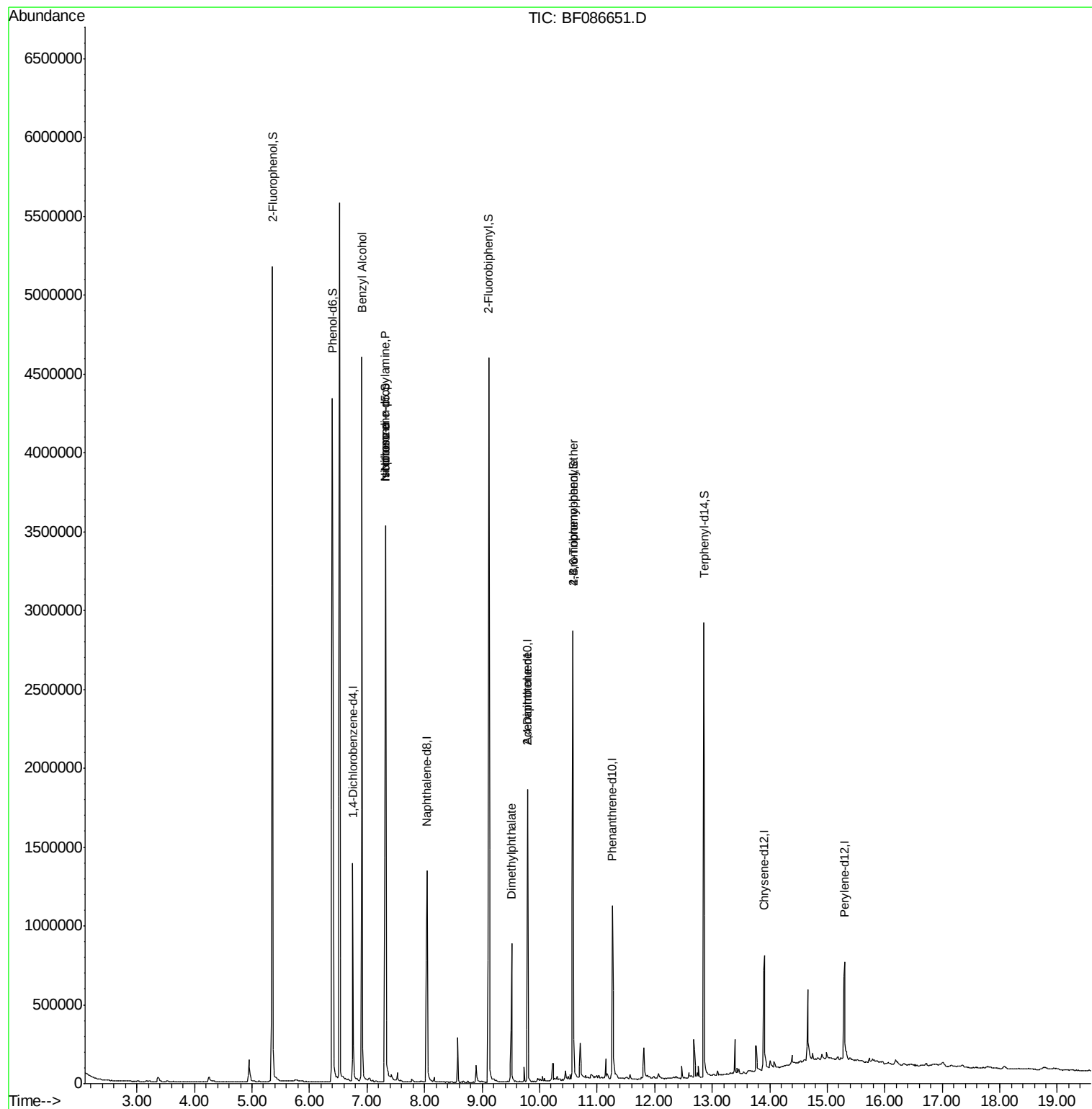
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	189316	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	749630	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	340886	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	494272	20.00	ng	-0.06
75) Chrysene-d12	13.91	240	377420	20.00	ng	-0.06
86) Perylene-d12	15.30	264	341080	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1512497	137.81	ng	-0.03
7) Phenol-d6	6.40	99	2022772	132.05	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1279983	92.04	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	336651	93.65	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1570739	79.50	ng	-0.06
78) Terphenyl-d14	12.85	244	975650	56.95	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	6.91	79	23412	2.42	ng	# 40
19) n-Nitroso-di-n-propylamine	7.32	70	179870	17.76	ng	# 74
25) Isophorone	7.32	82	934444	34.91	ng	# 68
49) Dimethylphthalate	9.52	163	377387	14.71	ng	100
56) 2,4-Dinitrotoluene	9.79	165	43718	6.47	ng	# 16
66) 4-Bromophenyl-phenylether	10.58	248	20664	4.06	ng	# 1

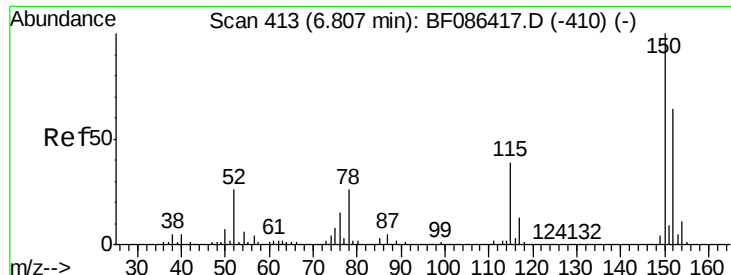
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086651.D

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Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-8(10-20FTBGS)

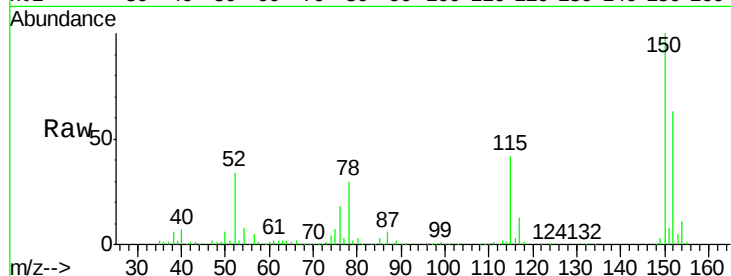
Tgt Ion:152 Resp: 189316

Ion Ratio Lower Upper

152 100

150 157.6 125.8 188.6

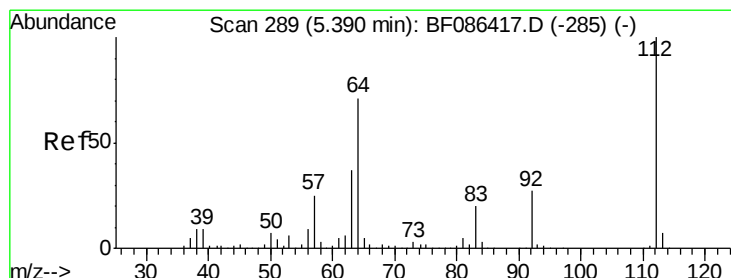
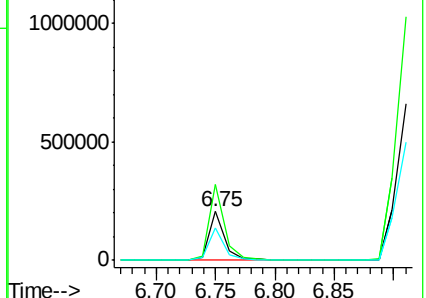
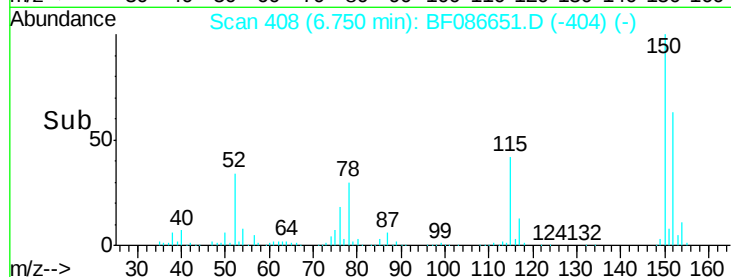
115 66.0 51.5 77.3



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: 137.81 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF086651.D

Acq: 3 May 2016 18:22

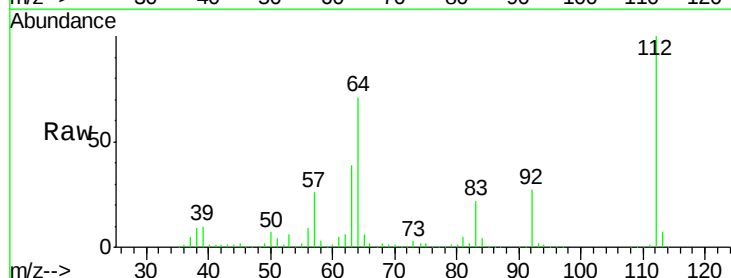
Tgt Ion:112 Resp: 1512497

Ion Ratio Lower Upper

112 100

64 71.1 52.1 78.1

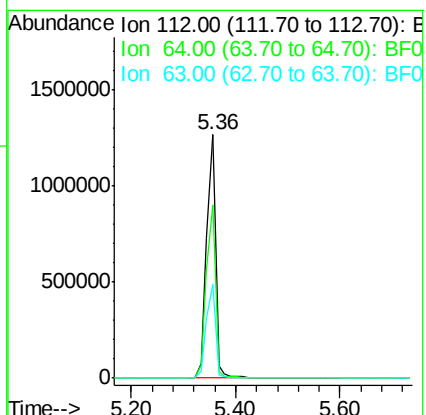
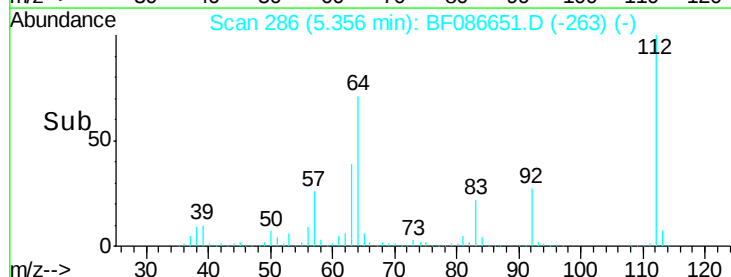
63 38.5 25.7 38.5#

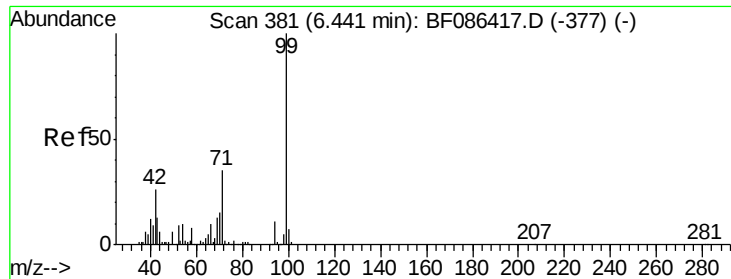


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.05 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086651.D

Acq: 3 May 2016 18:22

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-8(10-20FTBGS)

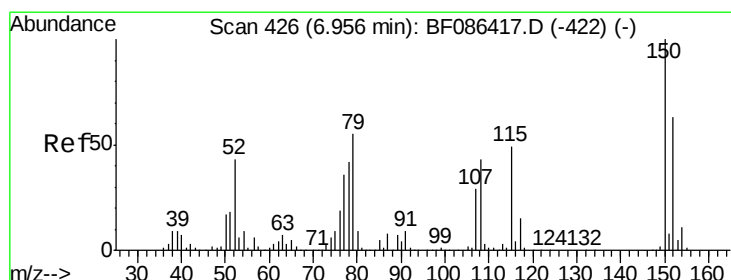
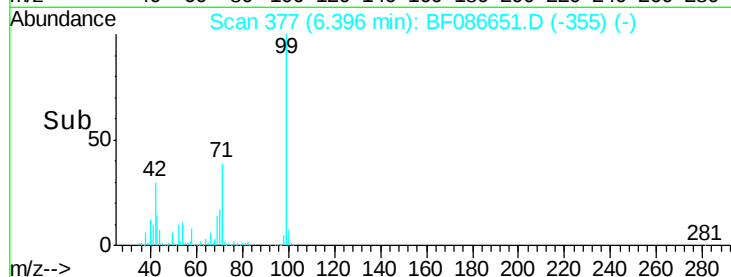
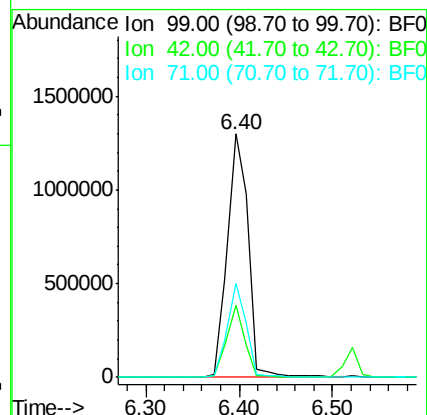
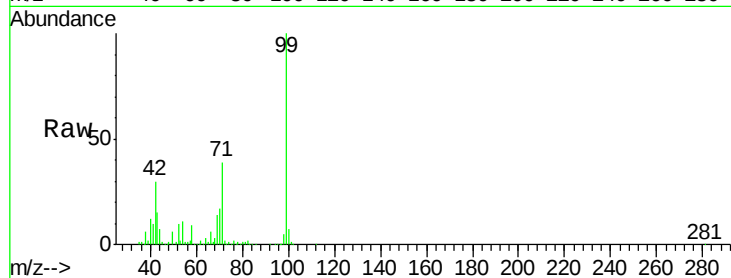
Tgt Ion: 99 Resp: 2022772

Ion Ratio Lower Upper

99 100

42 29.8 13.6 20.4#

71 38.8 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.42 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF086651.D

Acq: 3 May 2016 18:22

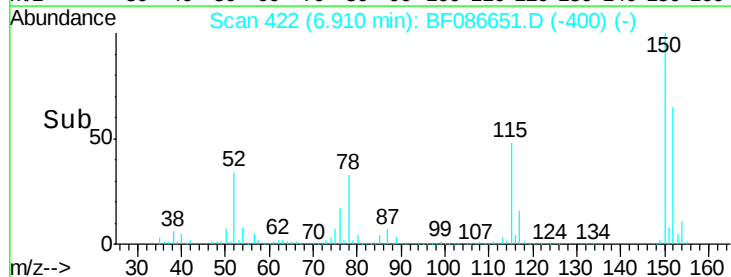
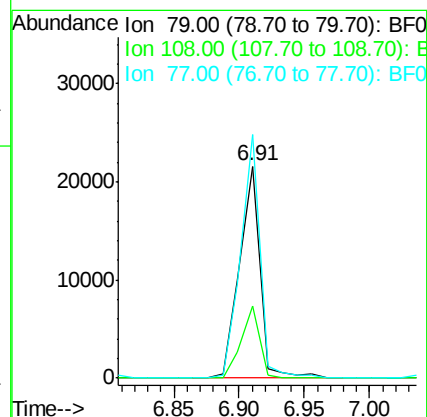
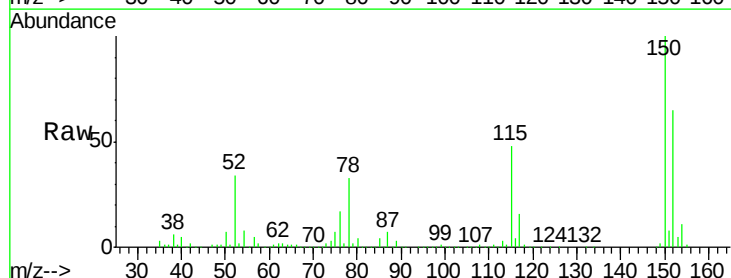
Tgt Ion: 79 Resp: 23412

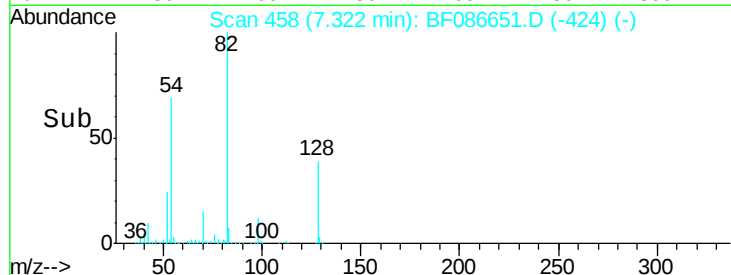
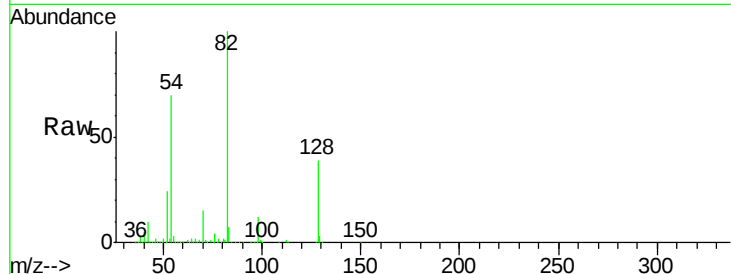
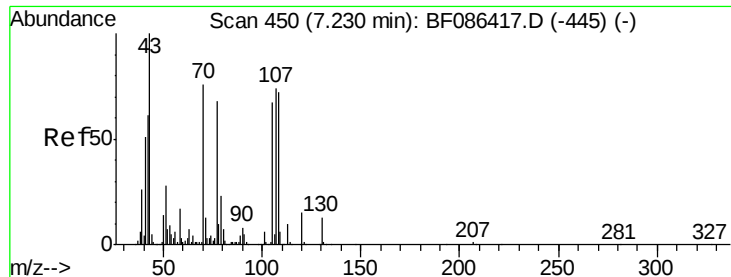
Ion Ratio Lower Upper

79 100

108 34.1 68.4 102.6#

77 114.8 50.6 76.0#

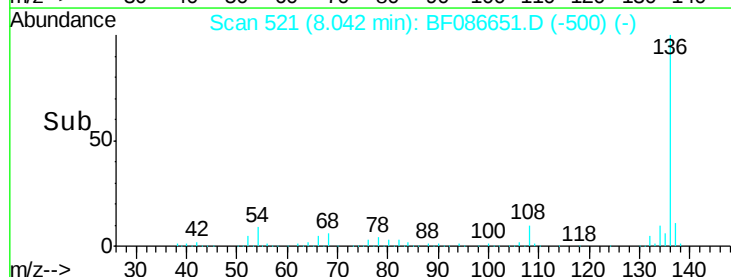
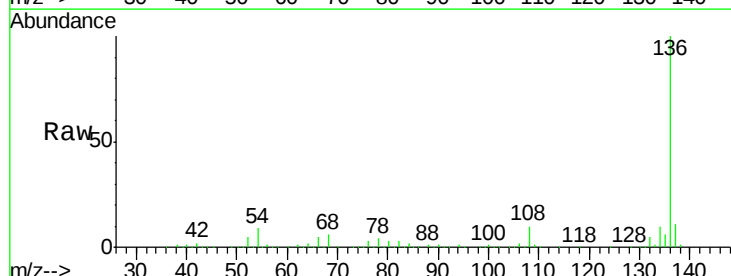
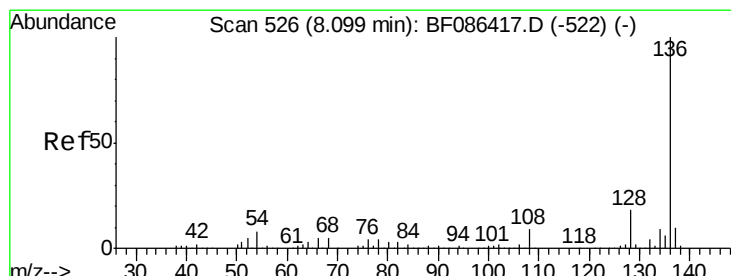
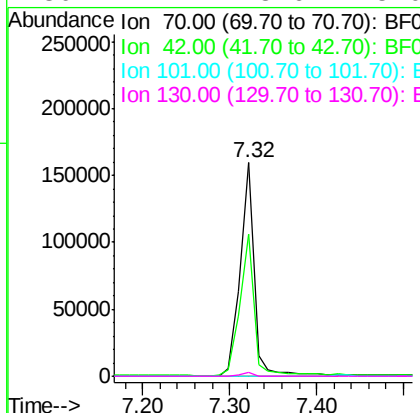




#19
n-Nitroso-di-n-propylamine
Concen: 17.76 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.09 min
Lab File: BF086651.D
Acq: 3 May 2016 18:22

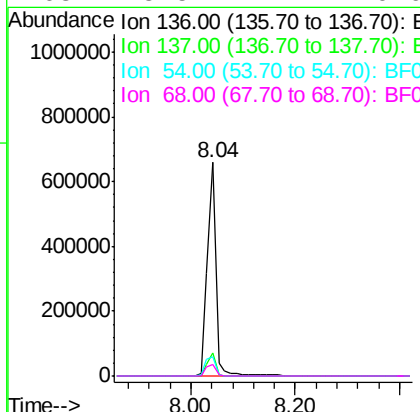
Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-8(10-20FTBGS)

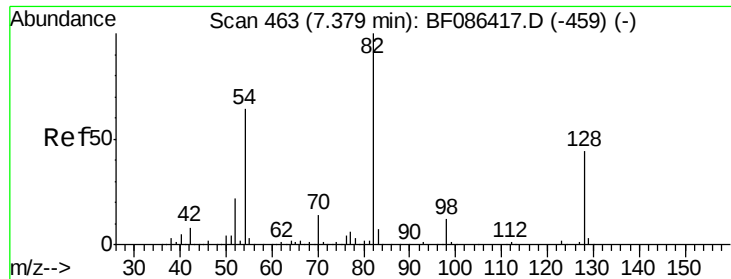
Tgt Ion: 70 Resp: 179870
Ion Ratio Lower Upper
70 100
42 66.5 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086651.D
Acq: 3 May 2016 18:22

Tgt Ion: 136 Resp: 749630
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.9 5.0 7.4#
68 5.5 4.4 6.6

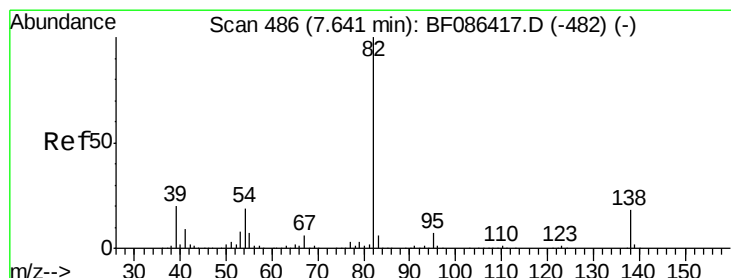
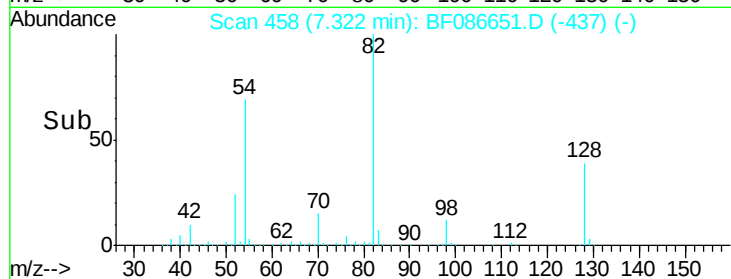
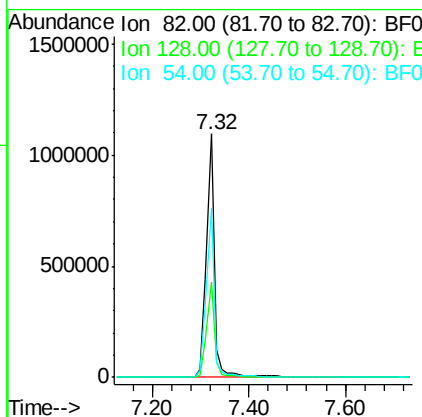
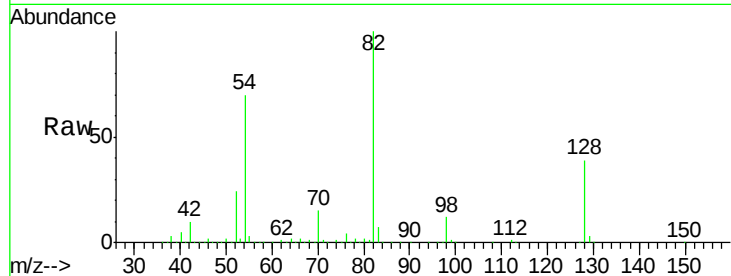




#23
 Nitrobenzene-d5
 Concen: 92.04 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF086651.D
 Acq: 3 May 2016 18:22

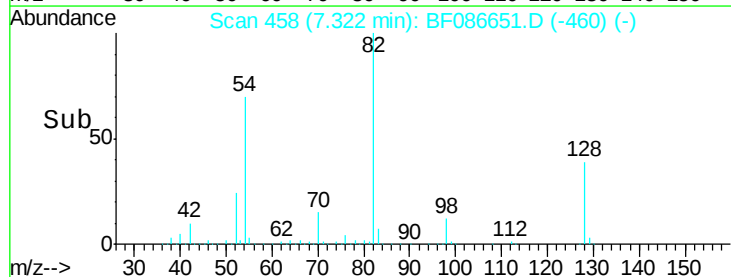
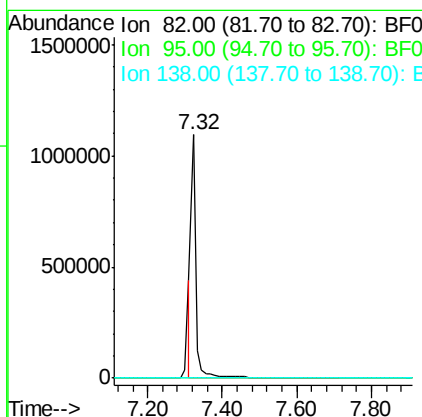
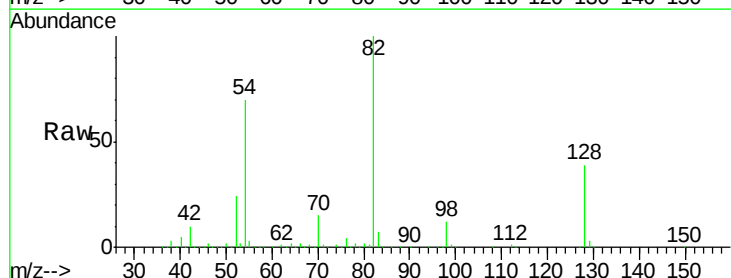
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-8(10-20FTBGS)

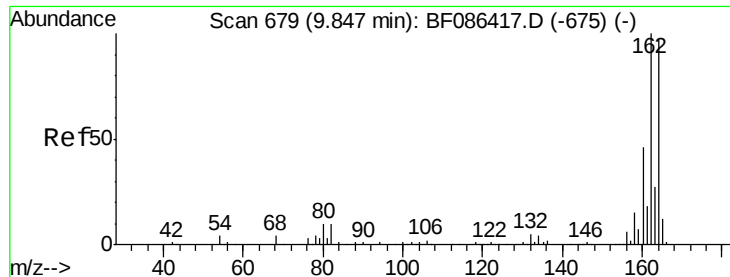
Tgt Ion: 82 Resp: 1279983
 Ion Ratio Lower Upper
 82 100
 128 39.3 40.6 61.0#
 54 69.5 38.1 57.1#



#25
 Isophorone
 Concen: 34.91 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.32 min
 Lab File: BF086651.D
 Acq: 3 May 2016 18:22

Tgt Ion: 82 Resp: 934444
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

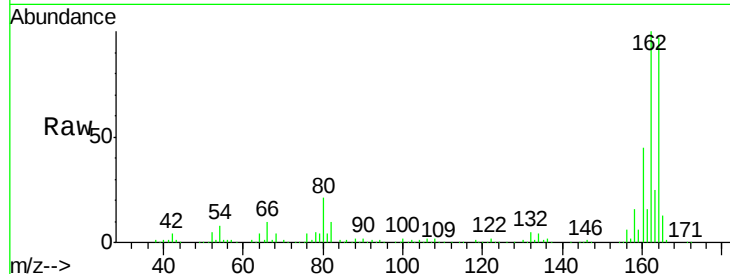




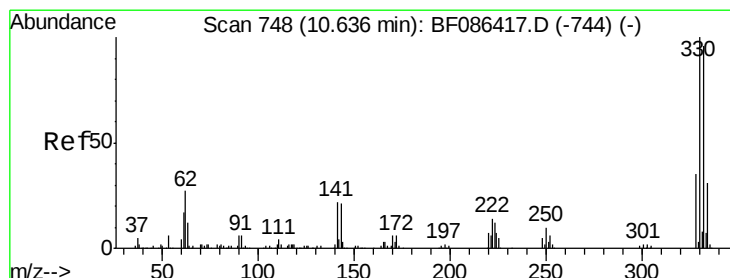
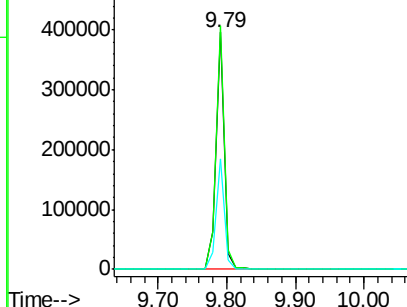
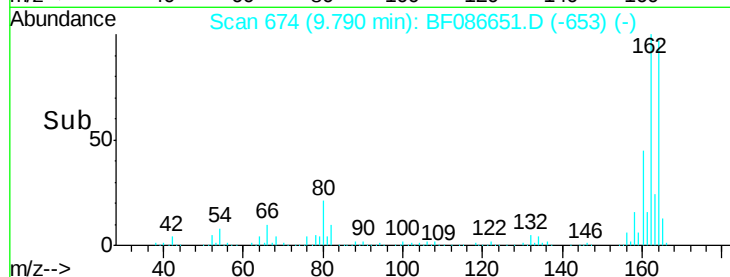
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086651.D
 Acq: 3 May 2016 18:22

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-8(10-20FTBGS)

Tgt Ion:164 Resp: 340886
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.8 124.2
 160 46.5 36.9 55.3

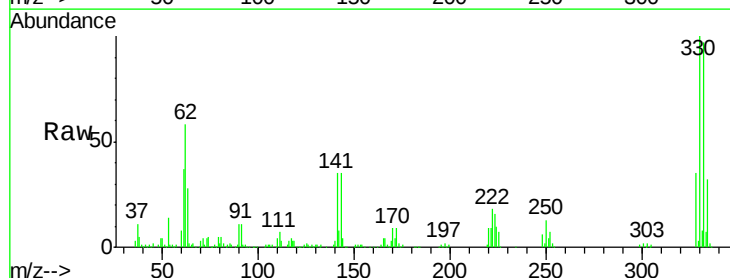


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

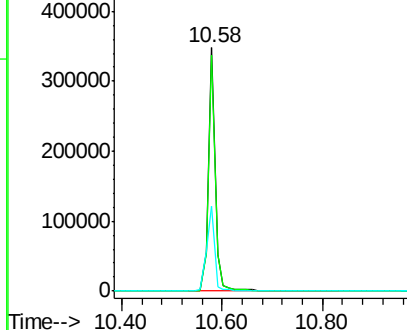
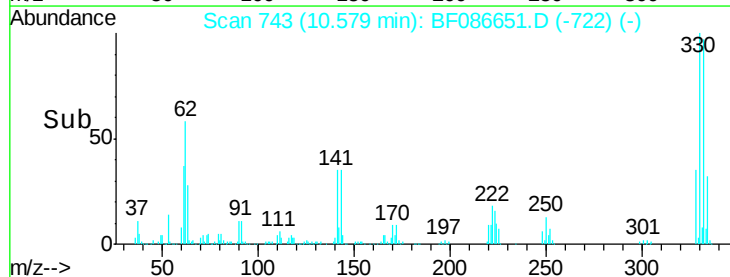


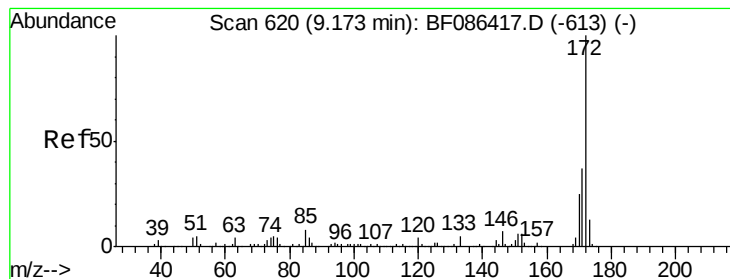
#41
 2,4,6-Tribromophenol
 Concen: 93.65 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086651.D
 Acq: 3 May 2016 18:22

Tgt Ion:330 Resp: 336651
 Ion Ratio Lower Upper
 330 100
 332 96.2 79.0 118.4
 141 39.9 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

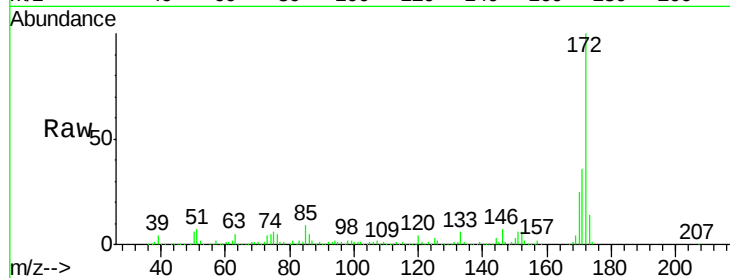




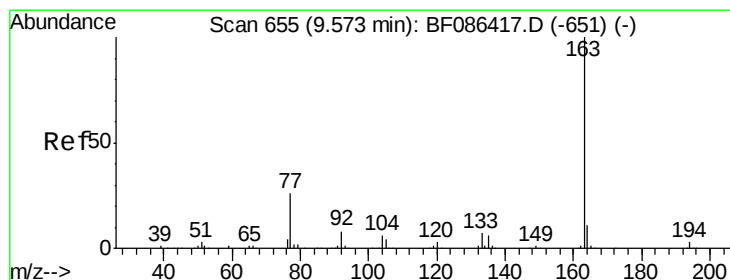
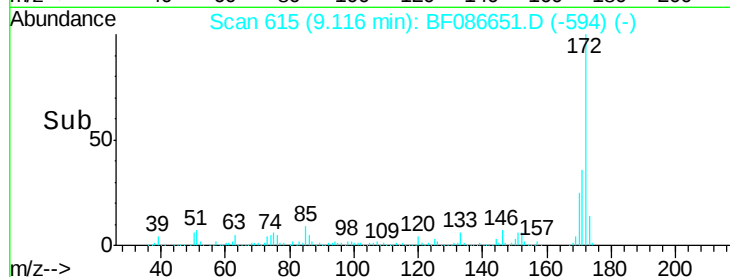
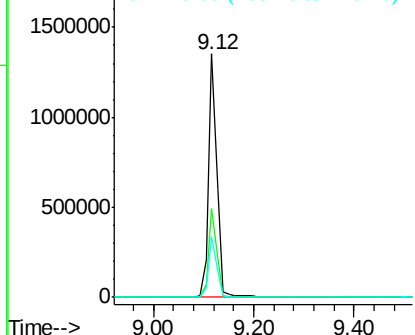
#44
2-Fluorobiphenyl
Concen: 79.50 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.06 min
Lab File: BF086651.D
Acq: 3 May 2016 18:22

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-8(10-20FTBGS)

Tgt Ion:172 Resp: 1570739
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 24.7 19.8 29.8

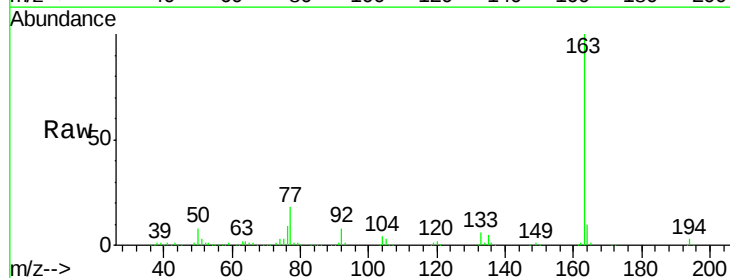


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

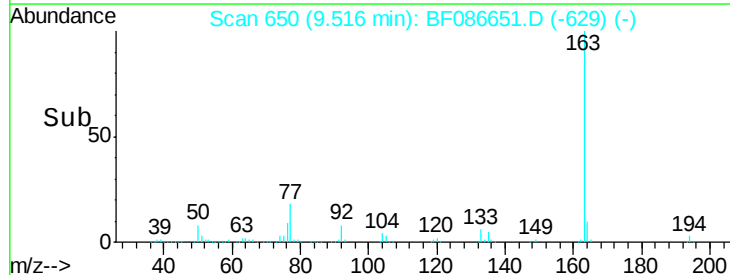
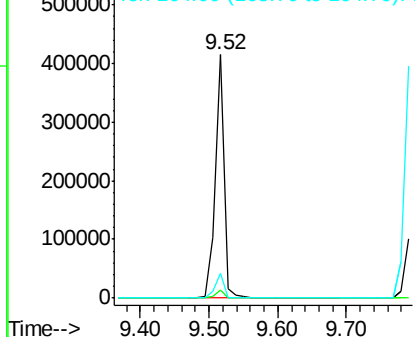


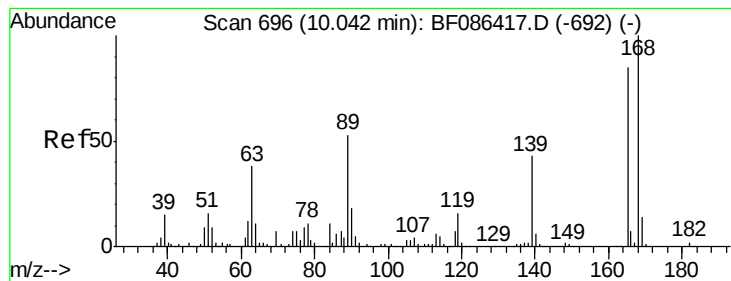
#49
Dimethylphthalate
Concen: 14.71 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF086651.D
Acq: 3 May 2016 18:22

Tgt Ion:163 Resp: 377387
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 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

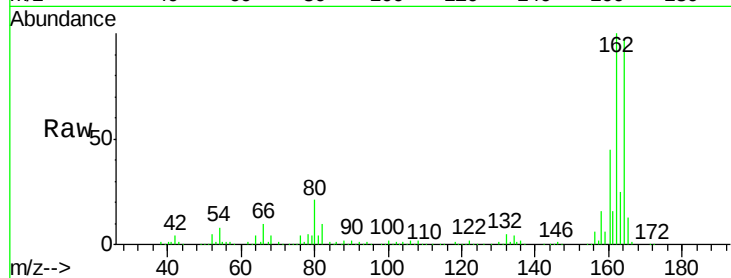




#56
 2,4-Dinitrotoluene
 Concen: 6.47 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.25 min
 Lab File: BF086651.D
 Acq: 3 May 2016 18:22

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-8(10-20FTBGS)

Tgt Ion:	165	Resp:	43718
Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.3	66.5#
89	1.7	70.0	105.0#
182	0.0	1.8	2.6#

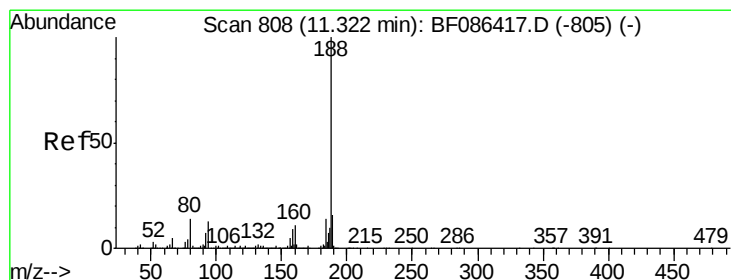
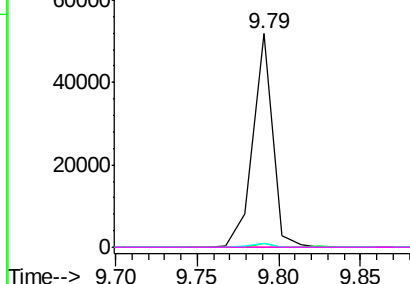
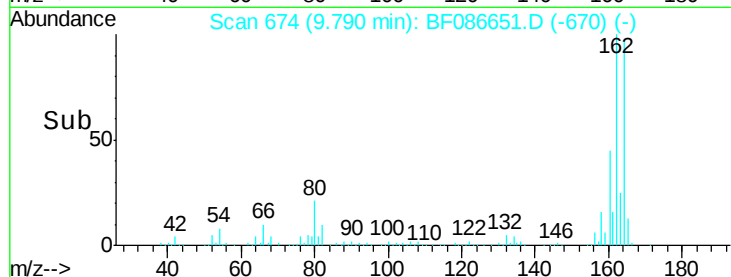


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

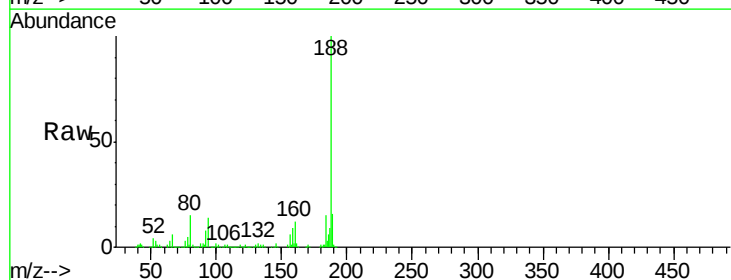
Ion 89.00 (88.70 to 89.70): BF0

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: BF086651.D
 Acq: 3 May 2016 18:22

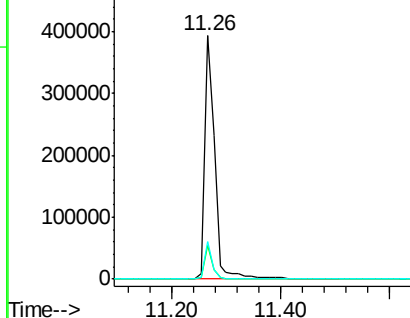
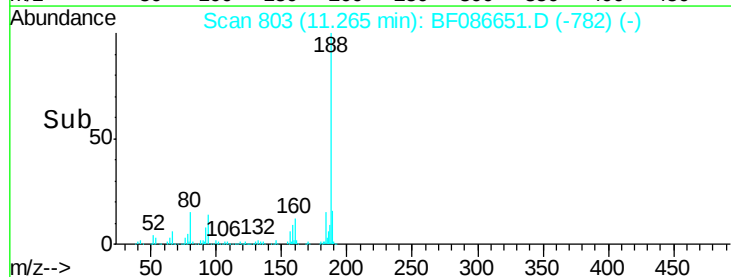
Tgt Ion:	188	Resp:	494272
Ion	Ratio	Lower	Upper
188	100		
94	13.7	6.8	10.2#
80	15.4	7.1	10.7#

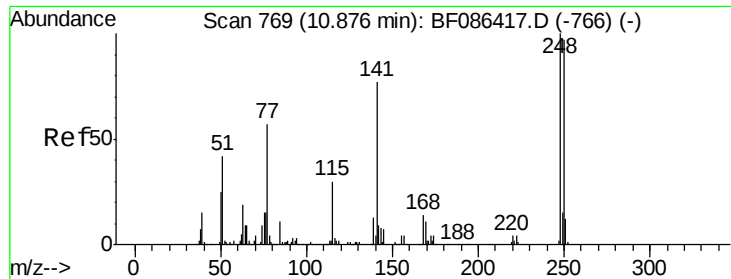


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

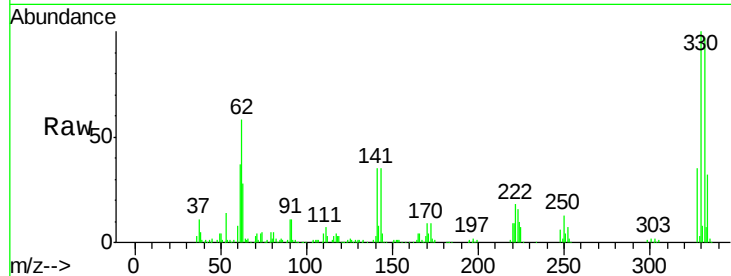




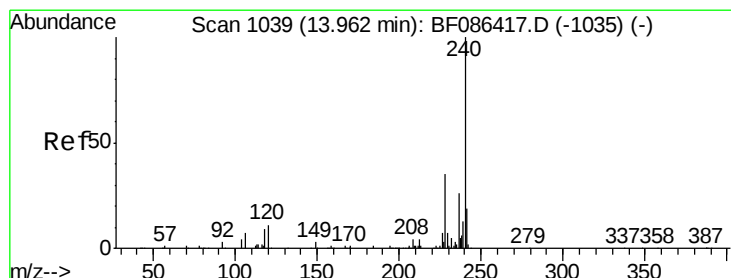
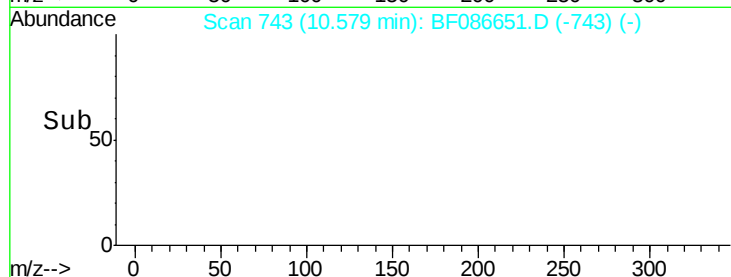
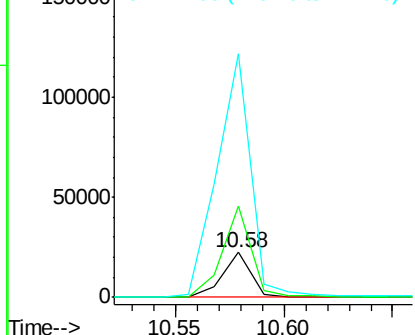
#66
 4-Bromophenyl-phenylether
 Concen: 4.06 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.30 min
 Lab File: BF086651.D
 Acq: 3 May 2016 18:22

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-8(10-20FTBGS)

Tgt Ion:248 Resp: 20664
 Ion Ratio Lower Upper
 248 100
 250 204.8 78.6 117.8#
 141 543.0 76.0 114.0#

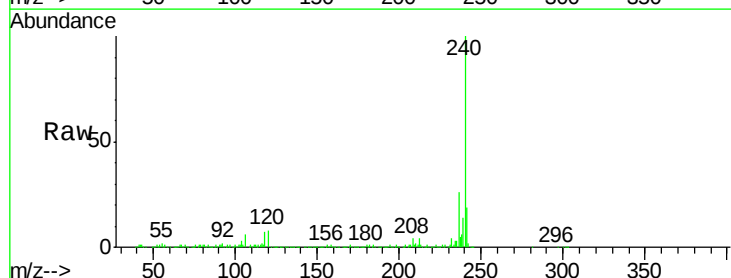


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

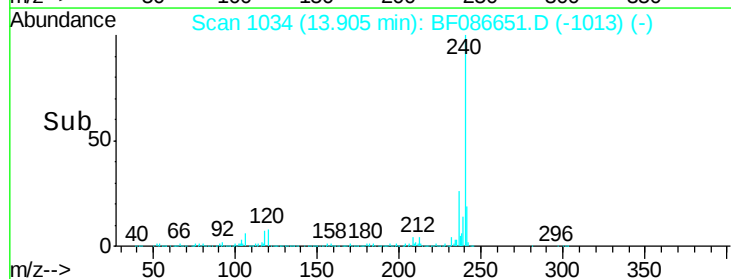
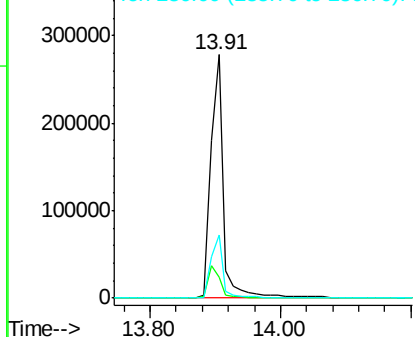


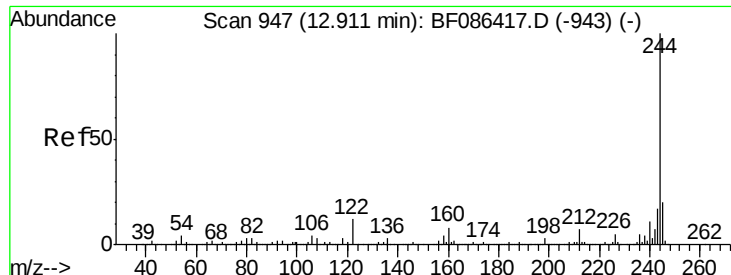
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.06 min
 Lab File: BF086651.D
 Acq: 3 May 2016 18:22

Tgt Ion:240 Resp: 377420
 Ion Ratio Lower Upper
 240 100
 120 8.5 11.2 16.8#
 236 25.9 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: 56.95 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF086651.D

Acq: 3 May 2016 18:22

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-8(10-20FTBGS)

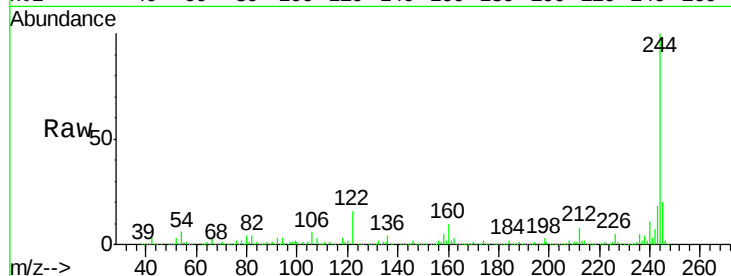
Tgt Ion:244 Resp: 975650

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

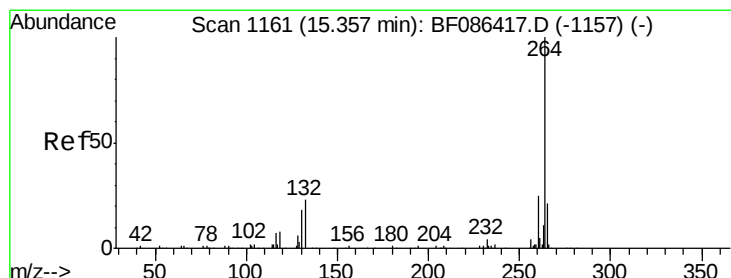
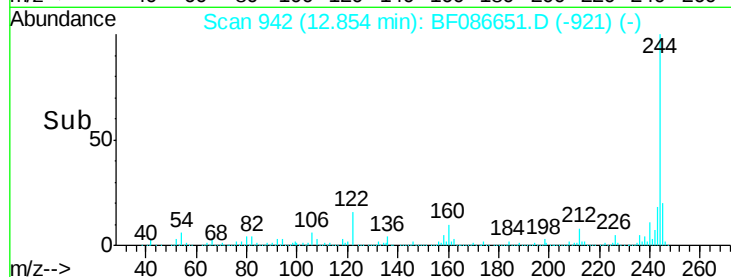
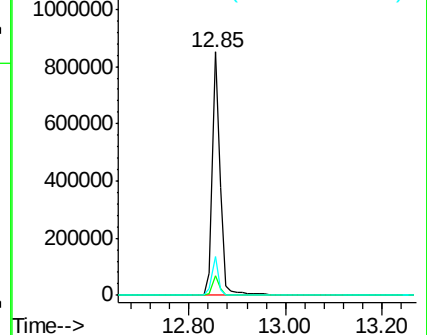
122 16.0 12.0 18.0



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: 15.30 min Scan# 1156

Delta R.T. -0.06 min

Lab File: BF086651.D

Acq: 3 May 2016 18:22

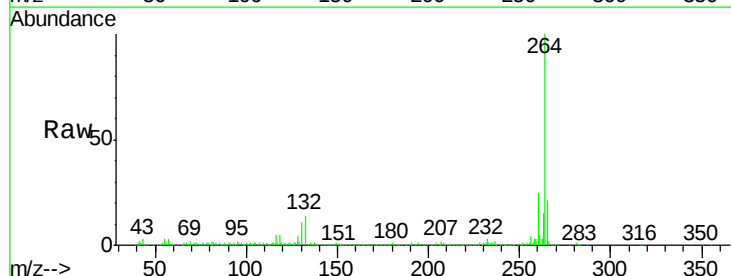
Tgt Ion:264 Resp: 341080

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 21.4 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

