

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050416\
 Data File : BF086700.D
 Acq On : 5 May 2016 2:22
 Operator : UM/SJ
 Sample : H2715-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2-CS-7(10-20FTBGS)

Quant Time: May 05 04:14:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

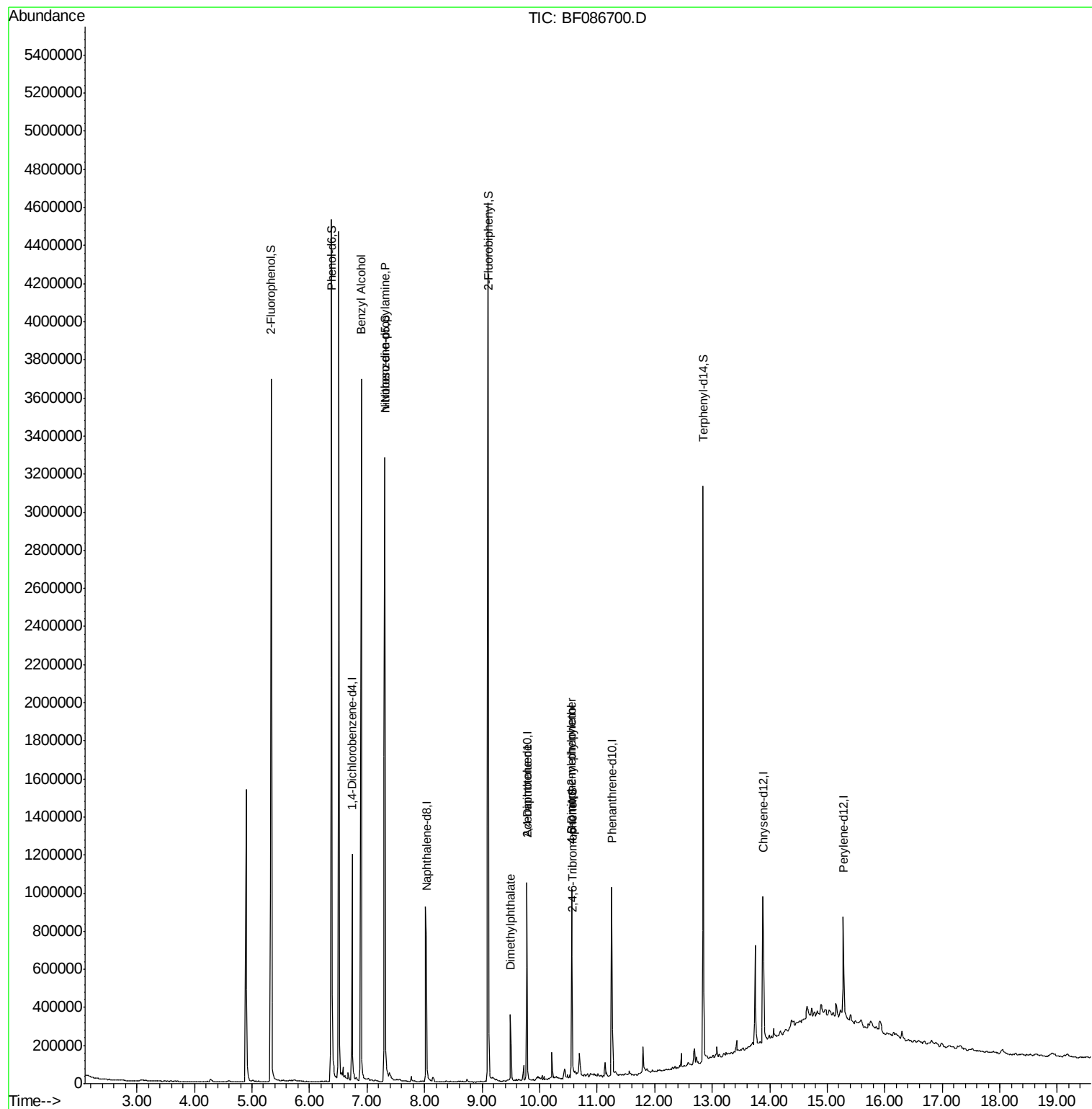
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	163919	40.00	ng	0.00
21) Naphthalene-d8	8.03	136	587592	40.00	ng	0.00
38) Acenaphthene-d10	9.78	164	237538	40.00	ng	0.00
63) Phenanthrene-d10	11.25	188	375099	40.00	ng	0.00
75) Chrysene-d12	13.88	240	330803	40.00	ng	0.00
86) Perylene-d12	15.28	264	246137	40.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	884426	89.32	ng	0.01
7) Phenol-d6	6.38	99	1566583	117.45	ng	0.01
23) Nitrobenzene-d5	7.31	82	1223777	107.03	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	141155	60.75	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1360556	93.89	ng	0.00
78) Terphenyl-d14	12.84	244	901212	55.06	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.90	79	19929	2.31	ng	# 38
19) n-Nitroso-di-n-propylamine	7.31	70	168119	18.45	ng	# 77
49) Dimethylphthalate	9.49	163	161433	9.12	ng	99
56) 2,4-Dinitrotoluene	9.78	165	30130	6.40	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.56	198	281	5.38	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	8015	2.15	ng	# 1

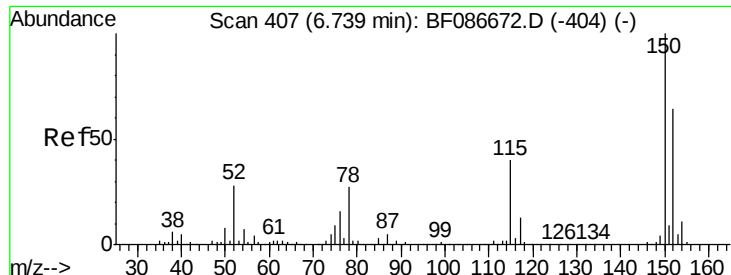
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF086700.D

Acq: 5 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

26WARD-2-CS-7(10-20FTBGS)

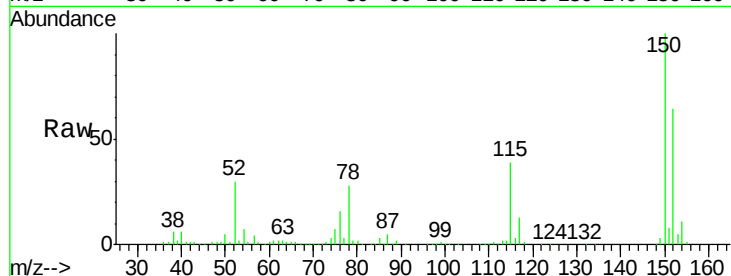
Tgt Ion:152 Resp: 163919

Ion Ratio Lower Upper

152 100

150 155.6 125.8 188.6

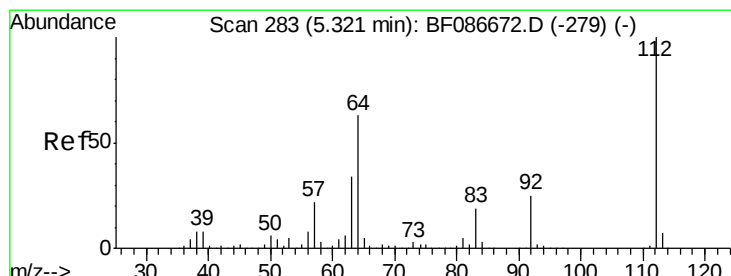
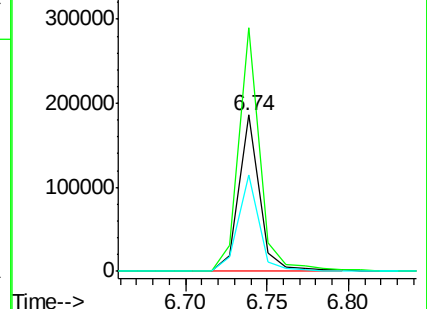
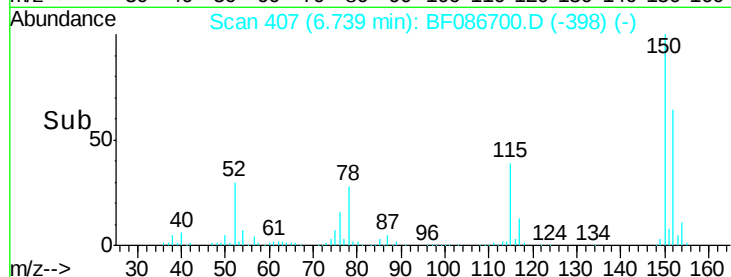
115 61.4 51.5 77.3



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: 89.32 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.01 min

Lab File: BF086700.D

Acq: 5 May 2016 2:22

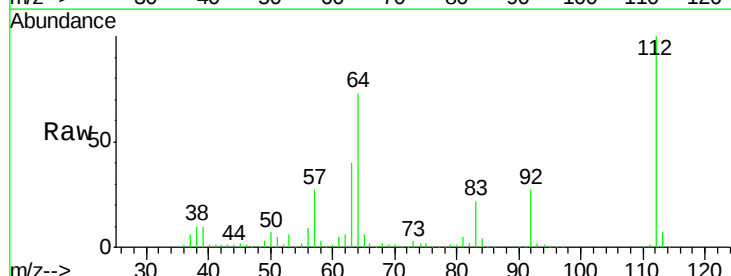
Tgt Ion:112 Resp: 884426

Ion Ratio Lower Upper

112 100

64 73.1 52.1 78.1

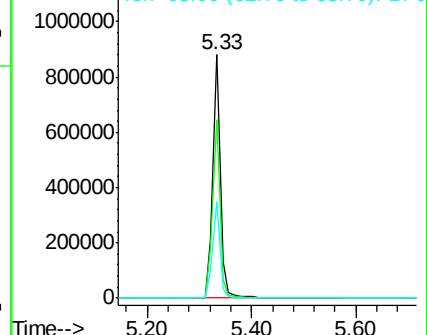
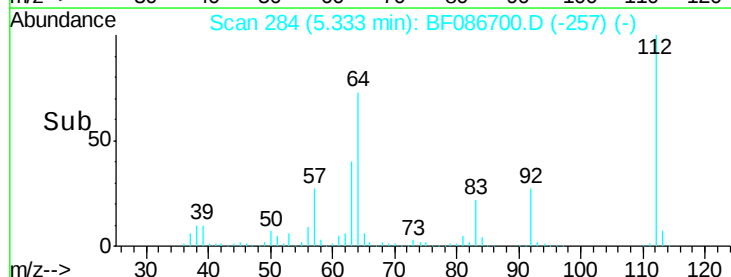
63 39.6 25.7 38.5

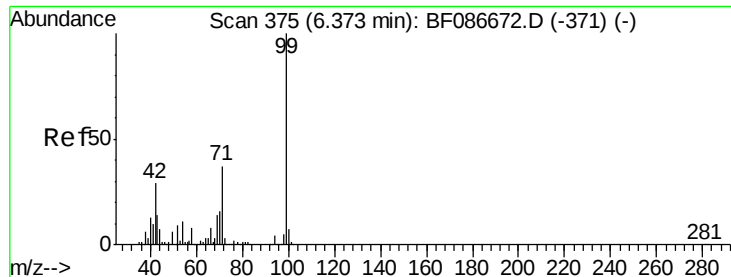


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.45 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF086700.D

Acq: 5 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

26WARD-2-CS-7(10-20FTBGS)

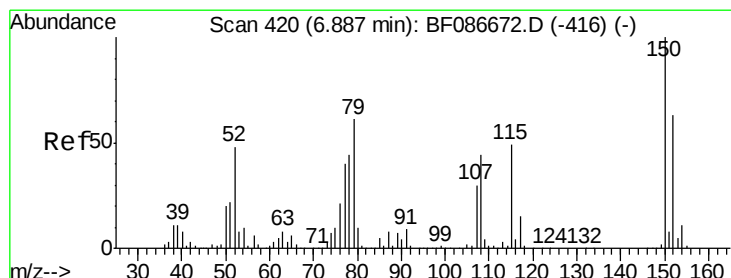
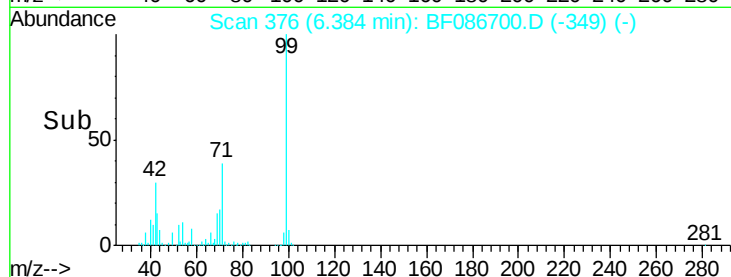
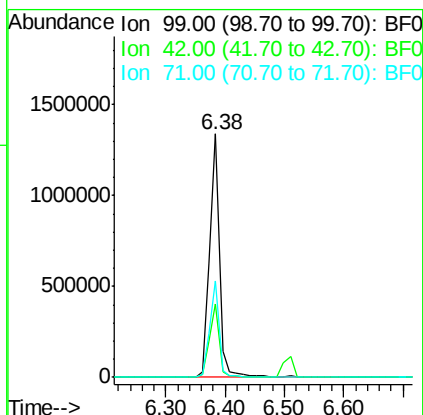
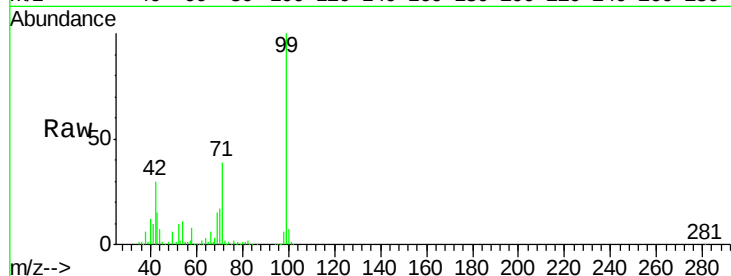
Tgt Ion: 99 Resp: 1566583

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

71 39.5 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.31 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF086700.D

Acq: 5 May 2016 2:22

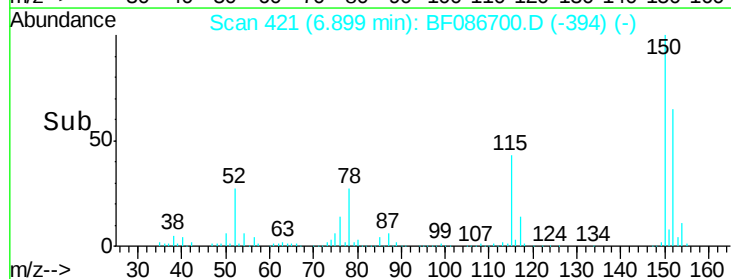
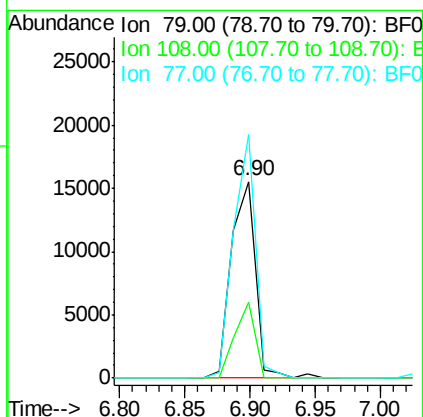
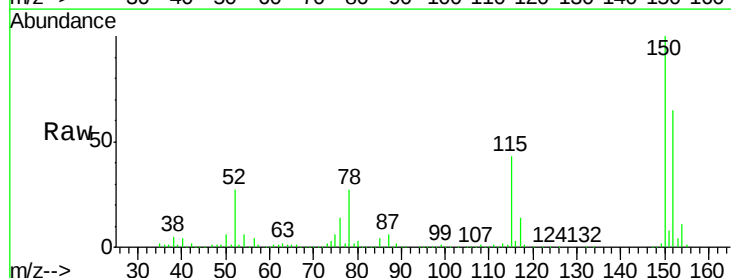
Tgt Ion: 79 Resp: 19929

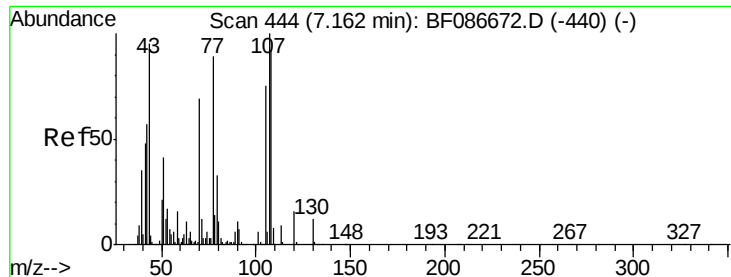
Ion Ratio Lower Upper

79 100

108 38.8 68.4 102.6#

77 123.9 50.6 76.0#

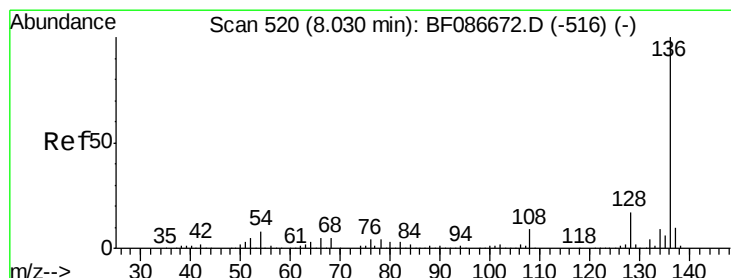
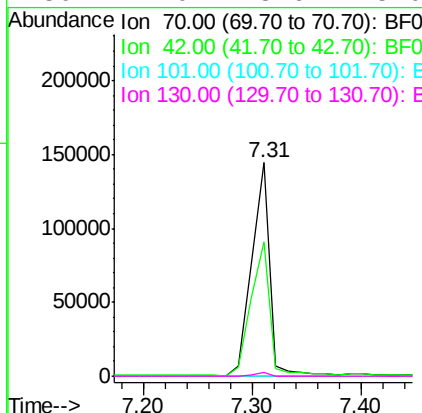
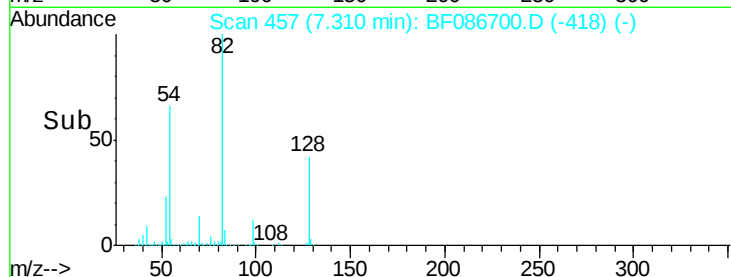
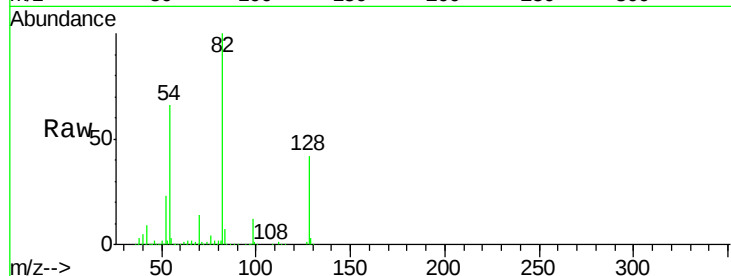




#19
n-Nitroso-di-n-propylamine
Concen: 18.45 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.15 min
Lab File: BF086700.D
Acq: 5 May 2016 2:22

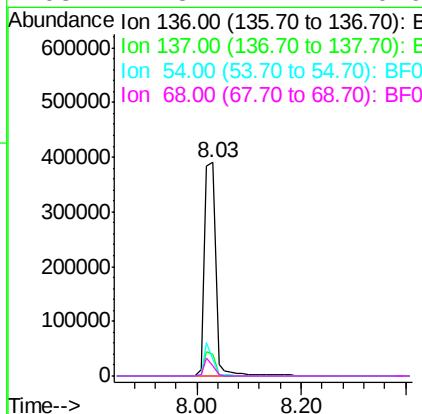
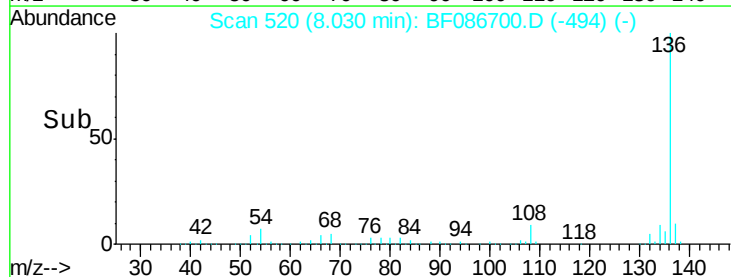
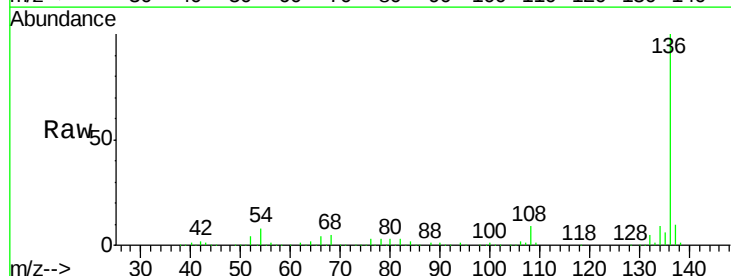
Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-7(10-20FTBGS)

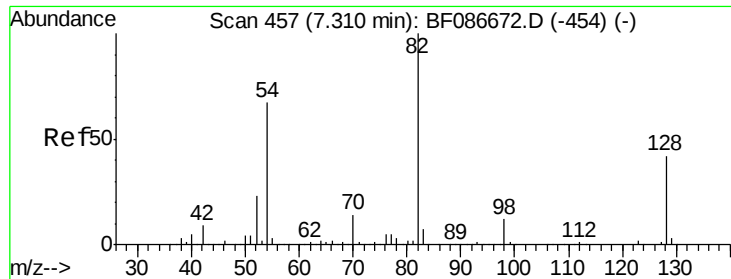
Tgt Ion: 70 Resp: 168119
Ion Ratio Lower Upper
70 100
42 63.2 43.1 64.7
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF086700.D
Acq: 5 May 2016 2:22

Tgt Ion: 136 Resp: 587592
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.7 5.0 7.4#
68 4.8 4.4 6.6

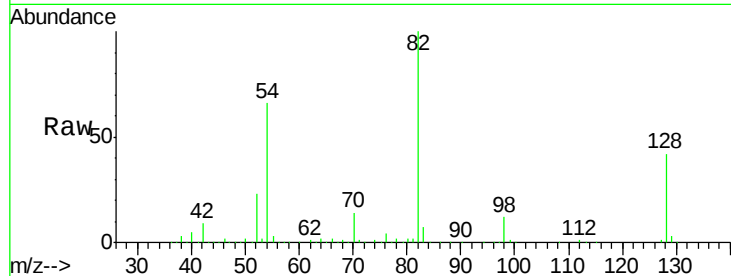




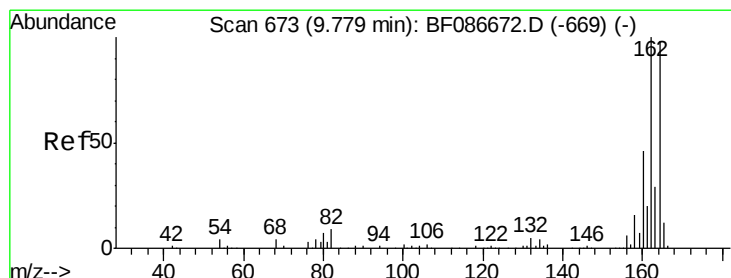
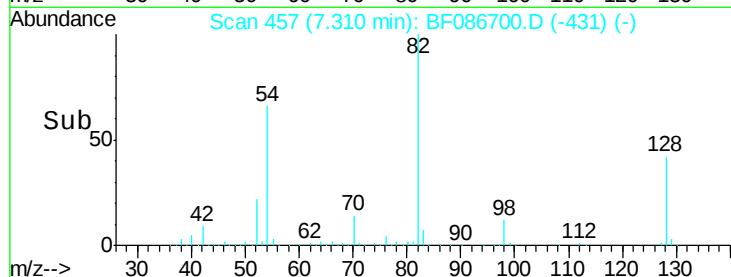
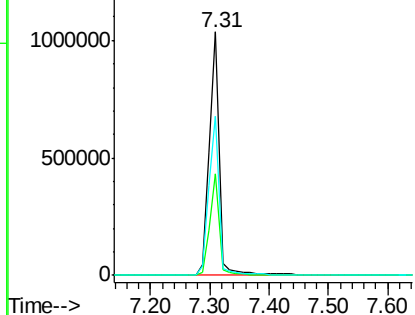
#23
 Nitrobenzene-d5
 Concen: 107.03 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF086700.D
 Acq: 5 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2-CS-7(10-20FTBGS)

Tgt Ion: 82 Resp: 1223777
 Ion Ratio Lower Upper
 82 100
 128 41.8 40.6 61.0
 54 65.6 38.1 57.1#

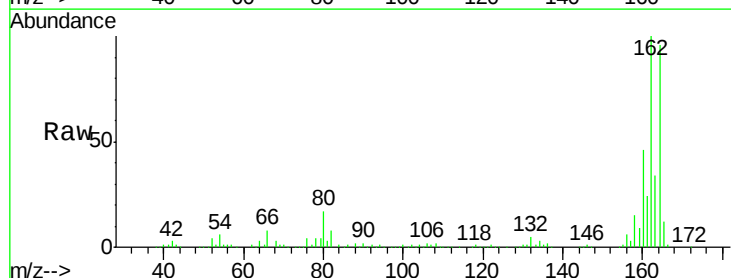


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

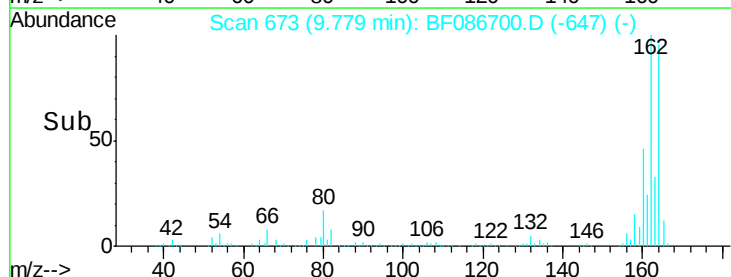
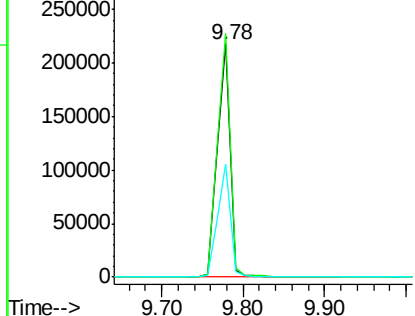


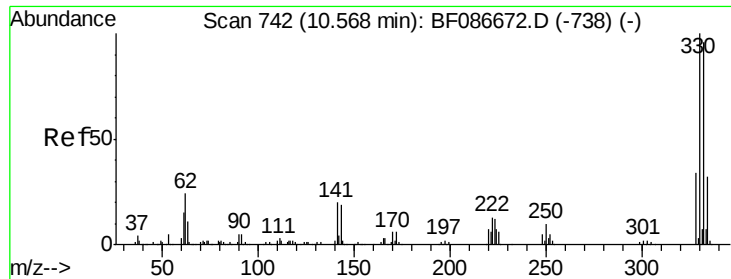
#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF086700.D
 Acq: 5 May 2016 2:22

Tgt Ion: 164 Resp: 237538
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.8 124.2
 160 48.4 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

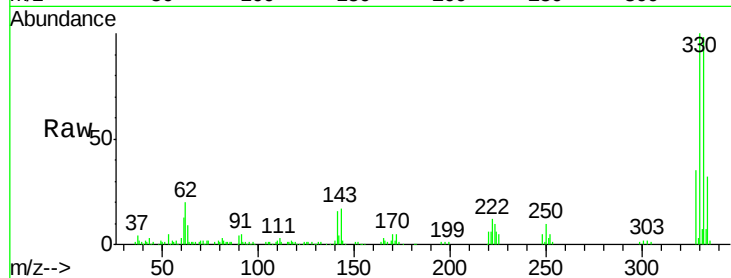




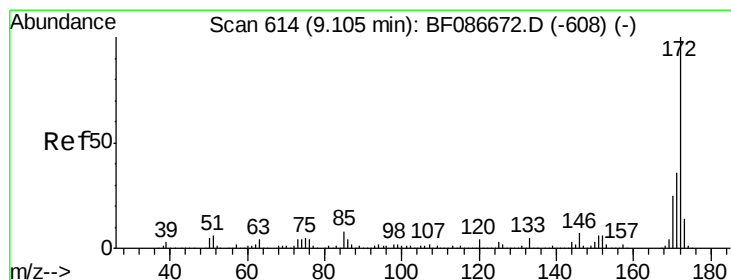
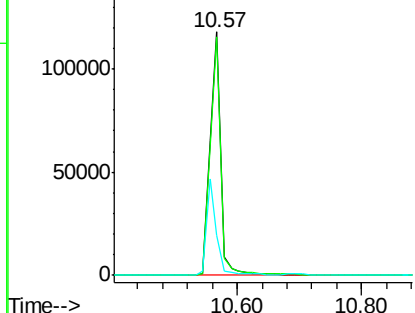
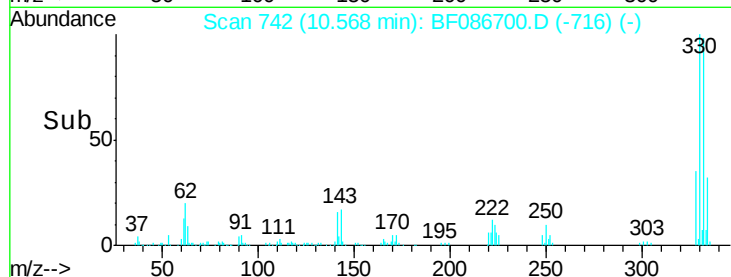
#41
 2,4,6-Tribromophenol
 Concen: 60.75 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086700.D
 Acq: 5 May 2016 2:22

Instrument :
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 26WARD-2-CS-7(10-20FTBGS)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	37.0	31.2	46.8

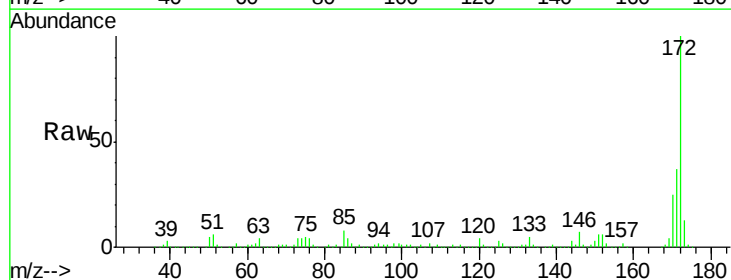


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

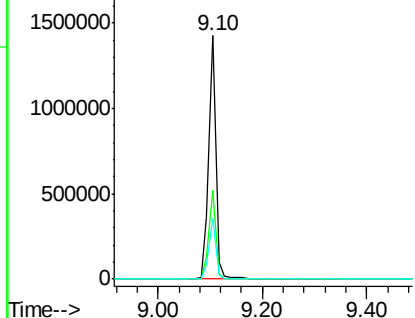
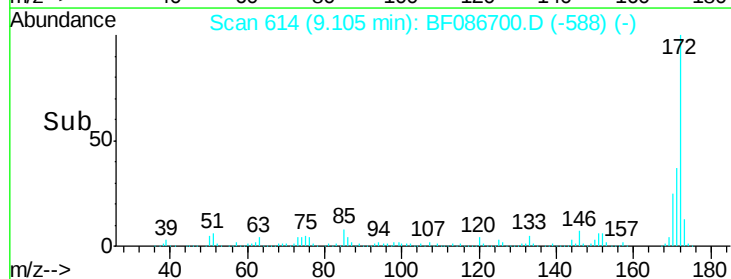


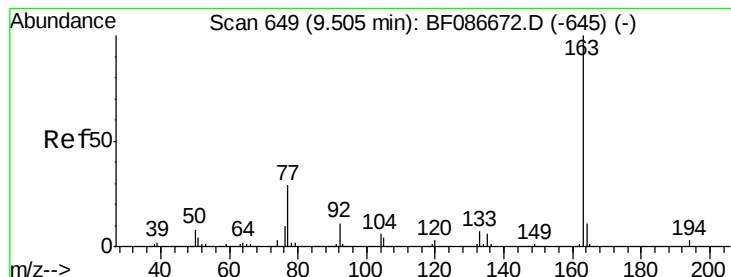
#44
 2-Fluorobiphenyl
 Concen: 93.89 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086700.D
 Acq: 5 May 2016 2:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.9	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: 9.12 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF086700.D

Acq: 5 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

26WARD-2-CS-7(10-20FTBGS)

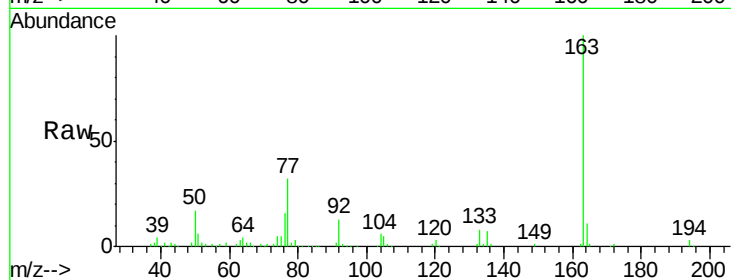
Tgt Ion:163 Resp: 161433

Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

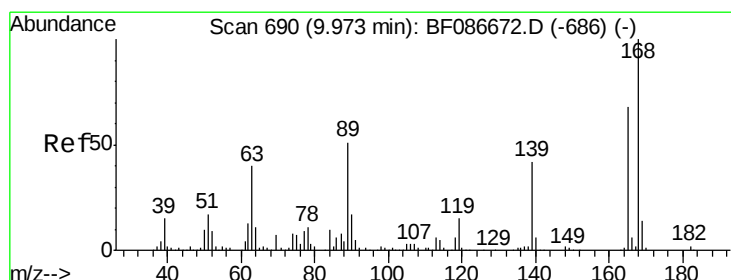
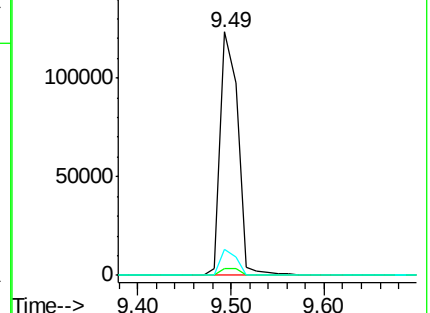
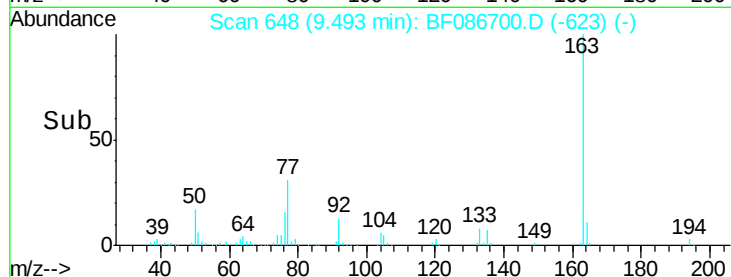
164 10.7 8.2 12.4



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: 6.40 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.19 min

Lab File: BF086700.D

Acq: 5 May 2016 2:22

Tgt Ion:165 Resp: 30130

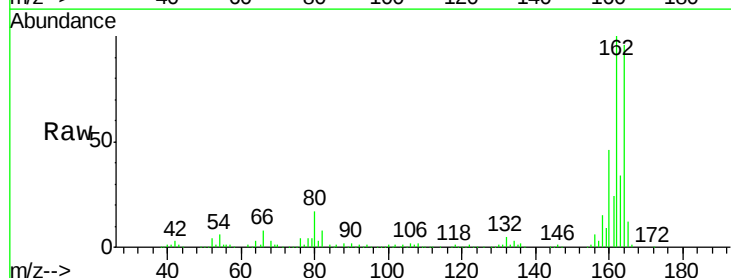
Ion Ratio Lower Upper

165 100

63 2.0 44.3 66.5#

89 2.3 70.0 105.0#

182 0.0 1.8 2.6#

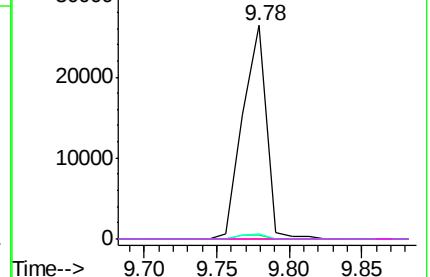
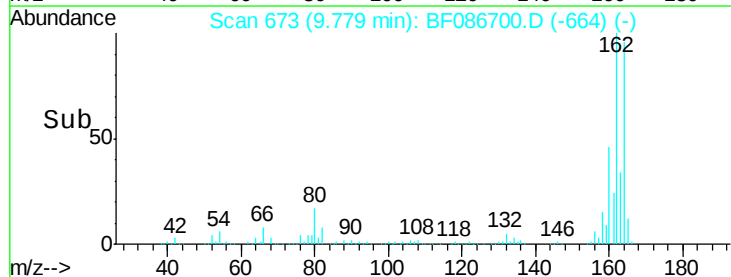


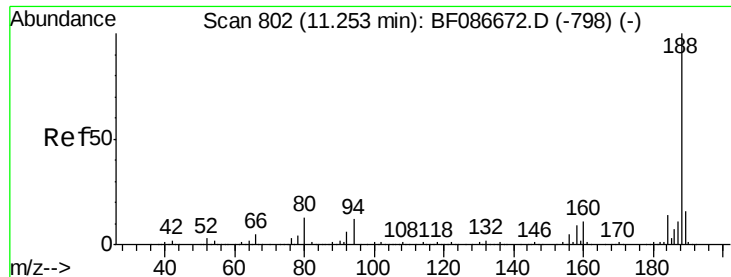
Abundance Ion 165.00 (164.70 to 165.70): E

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

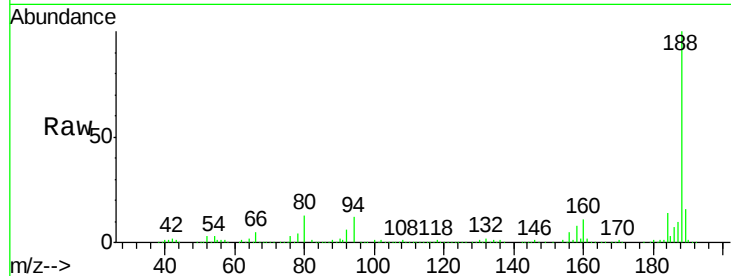




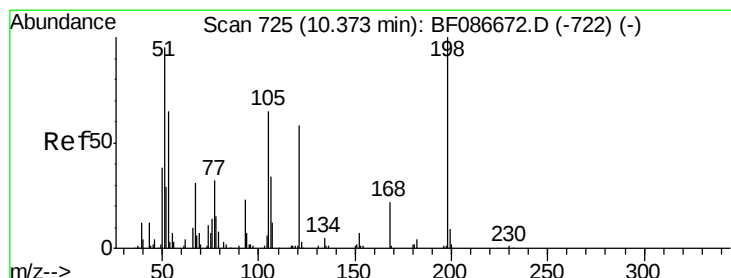
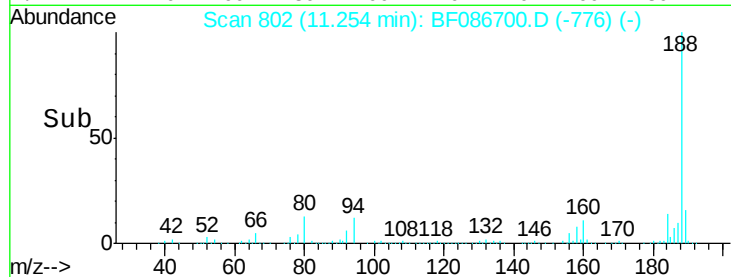
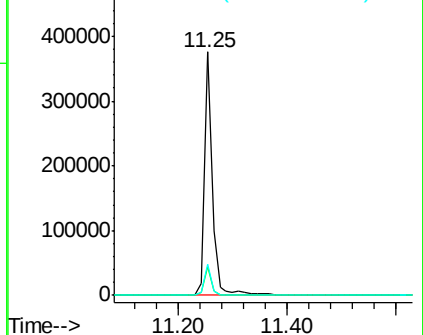
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF086700.D
 Acq: 5 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2-CS-7(10-20FTBGS)

Tgt Ion:188 Resp: 375099
 Ion Ratio Lower Upper
 188 100
 94 11.6 6.8 10.2#
 80 13.0 7.1 10.7#

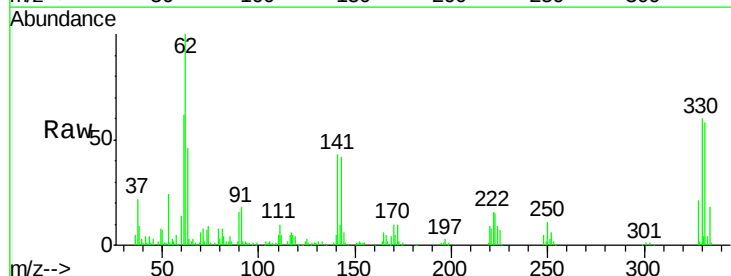


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

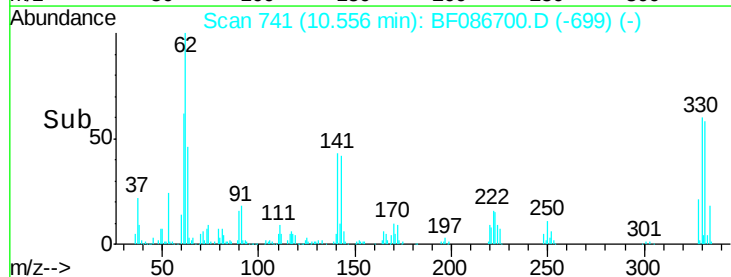
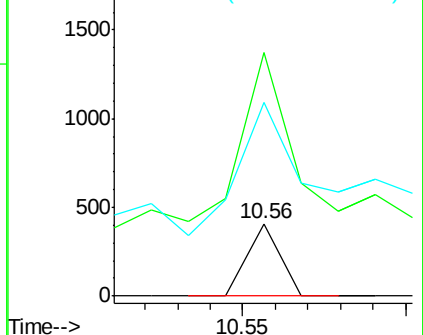


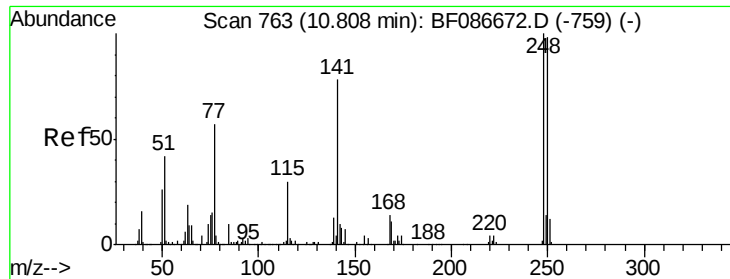
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.38 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.18 min
 Lab File: BF086700.D
 Acq: 5 May 2016 2:22

Tgt Ion:198 Resp: 281
 Ion Ratio Lower Upper
 198 100
 51 334.6 20.5 60.5#
 105 265.6 24.5 64.5#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

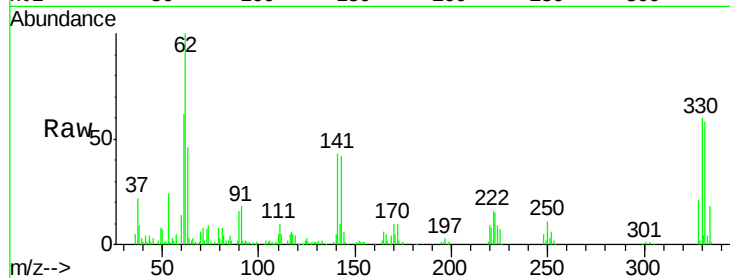




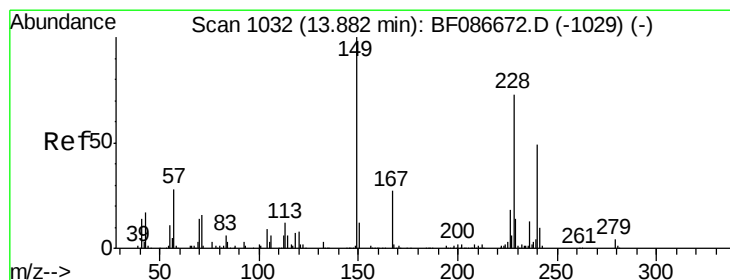
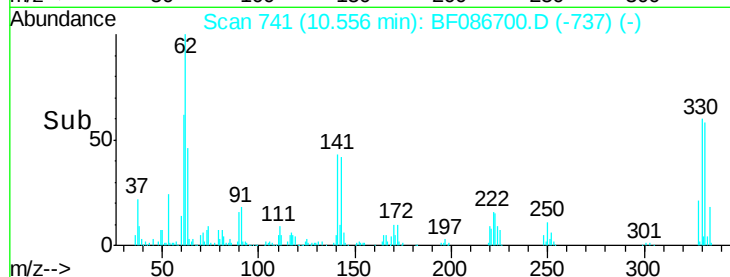
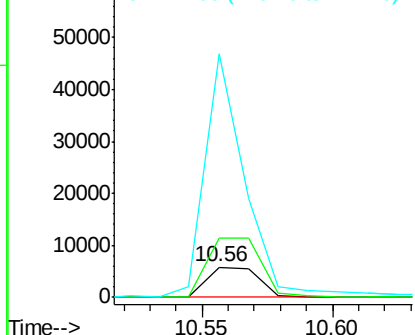
#66
 4-Bromophenyl-phenylether
 Concen: 2.15 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.25 min
 Lab File: BF086700.D
 Acq: 5 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2-CS-7(10-20FTBGS)

Tgt Ion:248 Resp: 8015
 Ion Ratio Lower Upper
 248 100
 250 196.2 78.6 117.8#
 141 805.9 76.0 114.0#

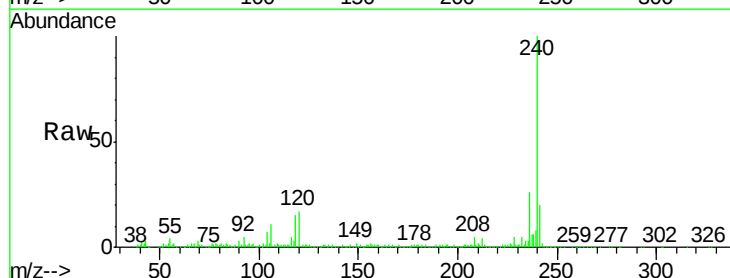


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

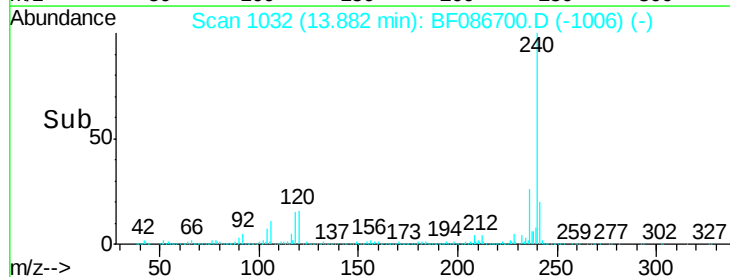
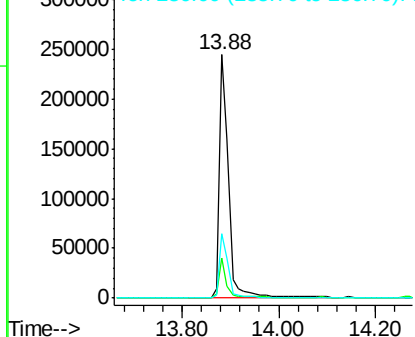


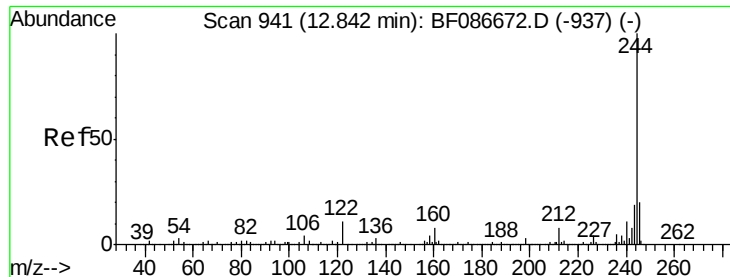
#75
 Chrysene-d12
 Concen: 40.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF086700.D
 Acq: 5 May 2016 2:22

Tgt Ion:240 Resp: 330803
 Ion Ratio Lower Upper
 240 100
 120 16.6 11.2 16.8
 236 26.4 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

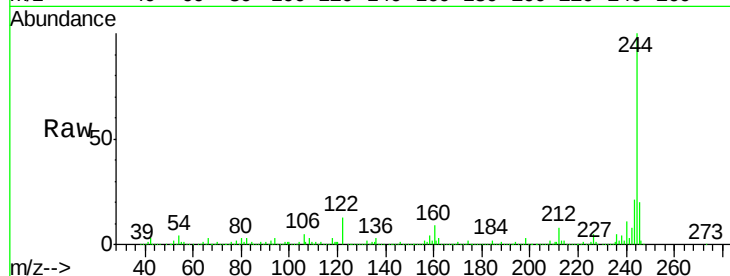




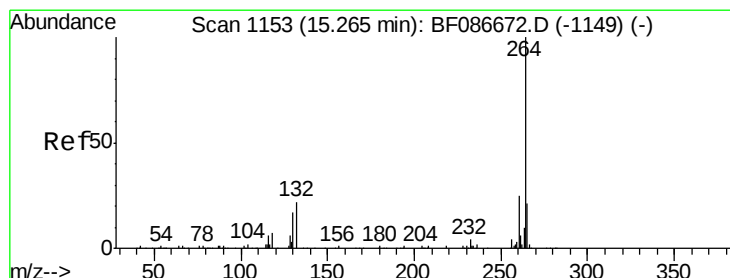
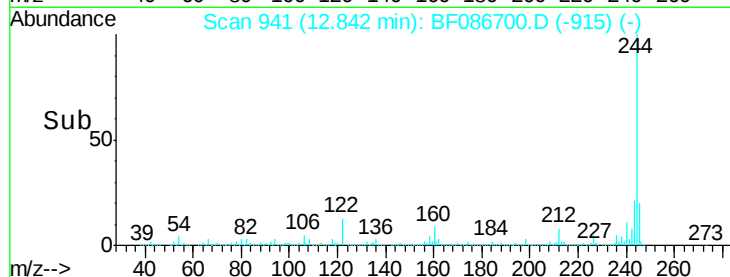
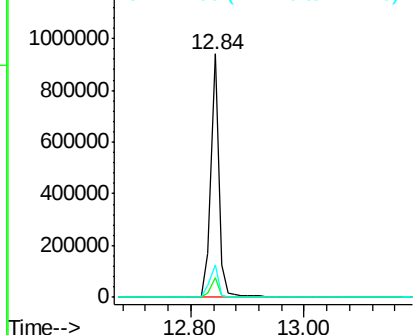
#78
 Terphenyl-d14
 Concen: 55.06 ng
 RT: 12.84 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: BF086700.D
 Acq: 5 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2-CS-7(10-20FTBGS)

Tgt Ion:244 Resp: 901212
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 13.3 12.0 18.0

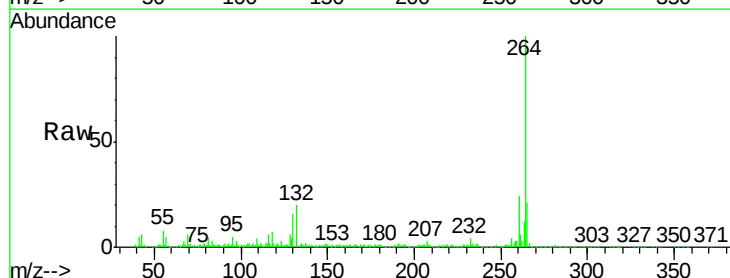


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF086700.D
 Acq: 5 May 2016 2:22

Tgt Ion:264 Resp: 246137
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.3 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

