

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086370.D
 Acq On : 23 Apr 2016 4:51
 Operator : UM/SJ
 Sample : H2634-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Apr 23 05:28:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

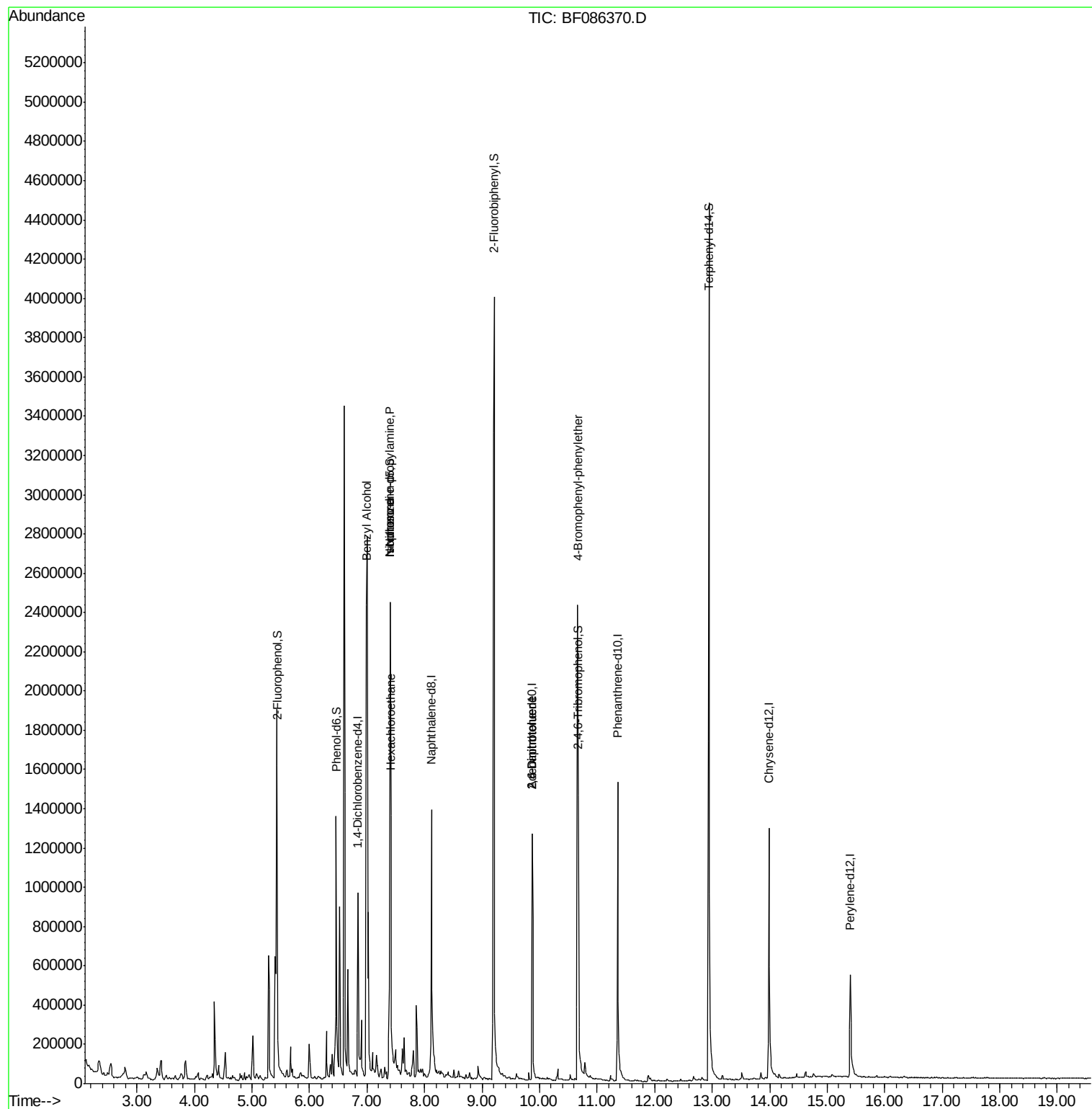
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	180358	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	785768	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	344091	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	718693	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	605514	20.00	ng	-0.01
86) Perylene-d12	15.40	264	241819	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	683718	65.47	ng	0.01
7) Phenol-d6	6.46	99	603443	42.50	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1135007	85.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	439239	141.02	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	2055311	101.93	ng	0.00
78) Terphenyl-d14	12.94	244	1722600	70.68	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.99	79	18764	2.23	ng	# 46
18) Hexachloroethane	7.41	117	139493	27.72	ng	# 7
19) n-Nitroso-di-n-propylamine	7.40	70	147962	17.44	ng	# 82
25) Isophorone	7.40	82	1132540	43.57	ng	# 68
50) 2,6-Dinitrotoluene	9.87	165	41412	7.71	ng	# 20
56) 2,4-Dinitrotoluene	9.87	165	42811	6.00	ng	# 16
66) 4-Bromophenyl-phenylether	10.66	248	26876	3.82	ng	# 1

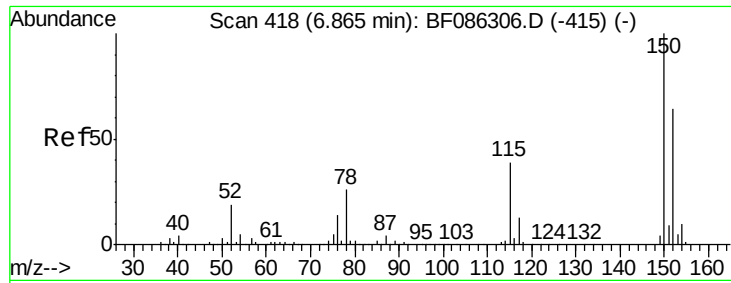
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF086370.D

Acq: 23 Apr 2016 4:51

Instrument :

BNA_F

ClientSampleId :

MW-1

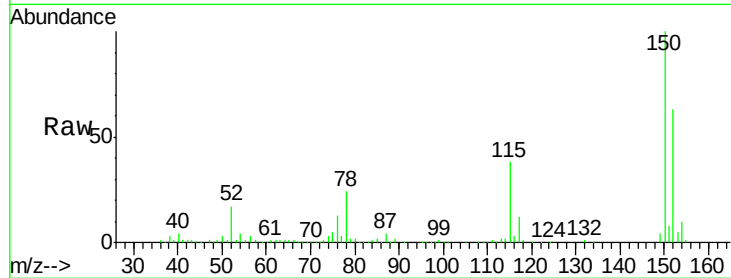
Tgt Ion:152 Resp: 180358

Ion Ratio Lower Upper

152 100

150 158.9 125.8 188.6

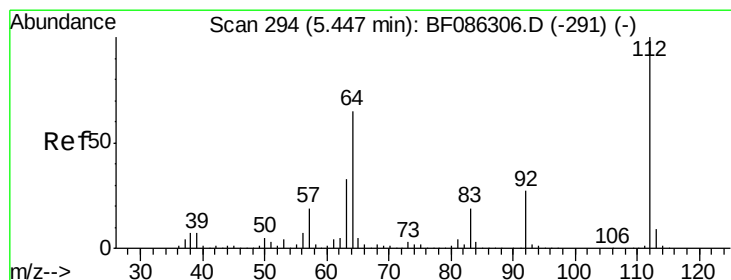
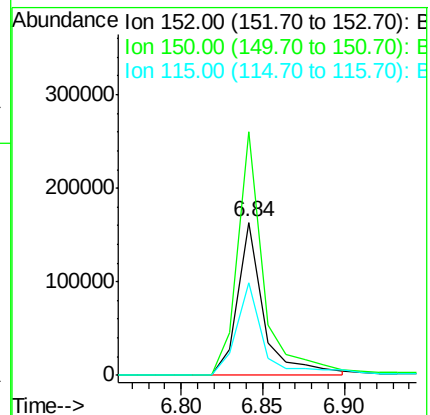
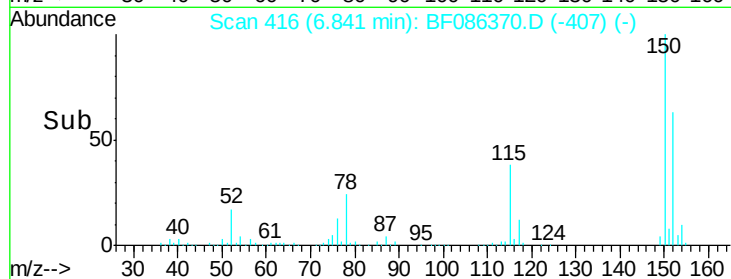
115 60.1 51.5 77.3



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: 65.47 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF086370.D

Acq: 23 Apr 2016 4:51

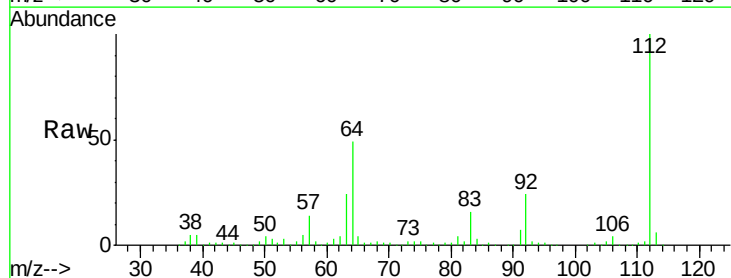
Tgt Ion:112 Resp: 683718

Ion Ratio Lower Upper

112 100

64 48.9 52.1 78.1#

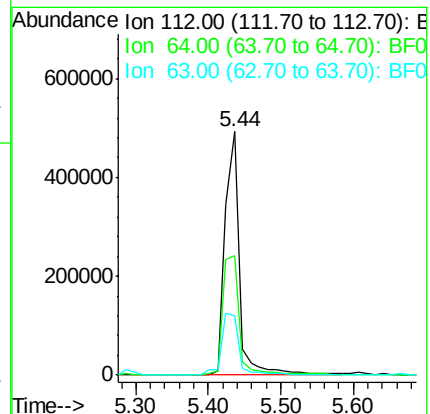
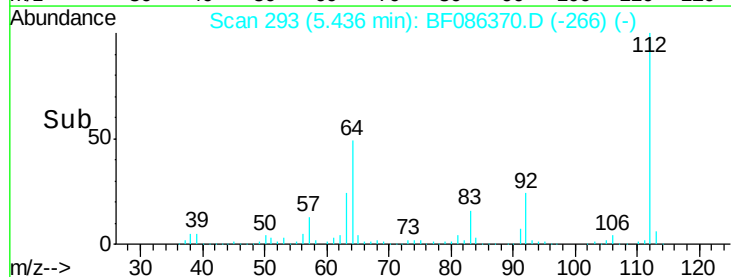
63 24.4 25.7 38.5#

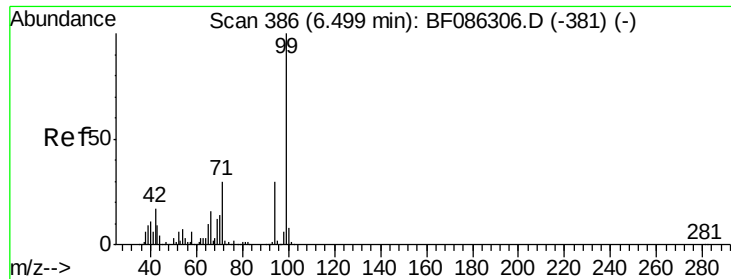


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.50 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF086370.D

Acq: 23 Apr 2016 4:51

Instrument :

BNA_F

ClientSampleId :

MW-1

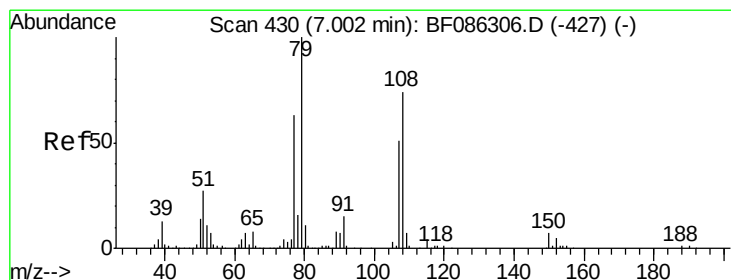
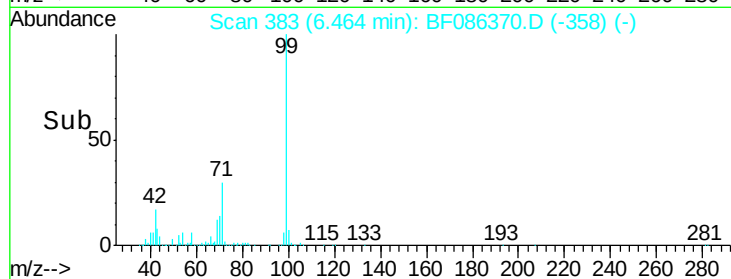
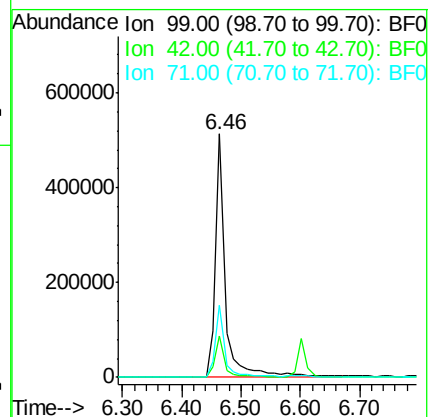
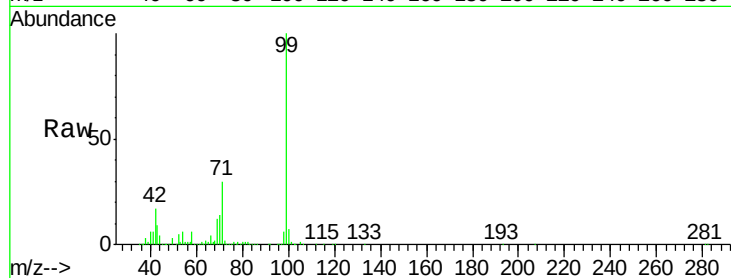
Tgt Ion: 99 Resp: 603443

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

71 29.8 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.23 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086370.D

Acq: 23 Apr 2016 4:51

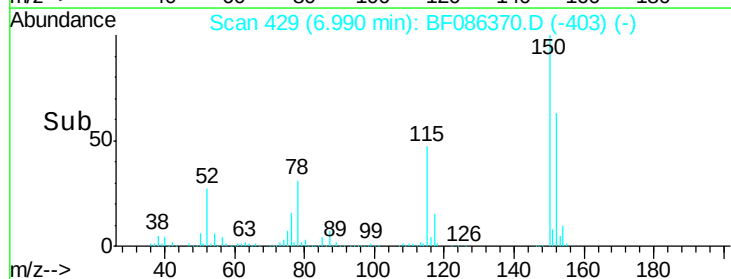
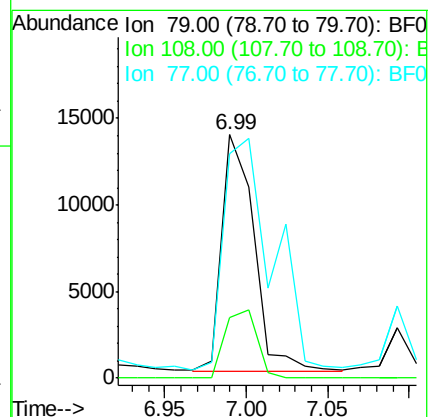
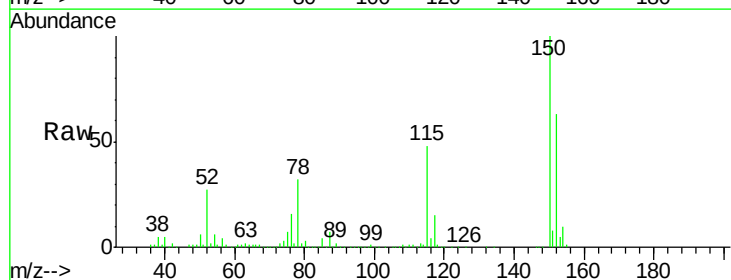
Tgt Ion: 79 Resp: 18764

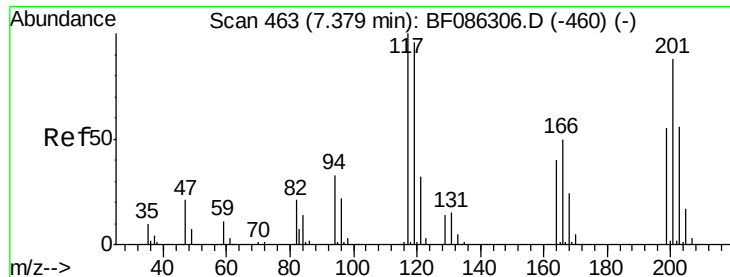
Ion Ratio Lower Upper

79 100

108 25.1 68.4 102.6#

77 92.4 50.6 76.0#





#18

Hexachloroethane

Concen: 27.72 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.06 min

Lab File: BF086370.D

Acq: 23 Apr 2016 4:51

Instrument :

BNA_F

ClientSampleId :

MW-1

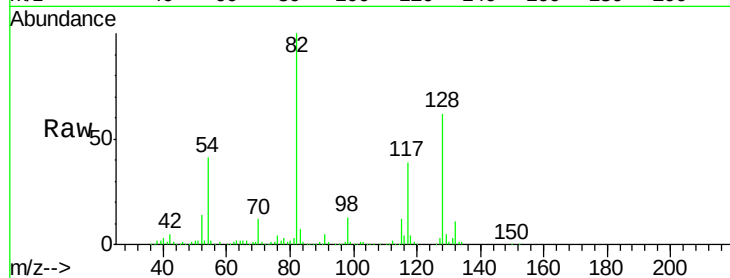
Tgt Ion: 117 Resp: 139493

Ion Ratio Lower Upper

117 100

119 3.4 76.5 114.7#

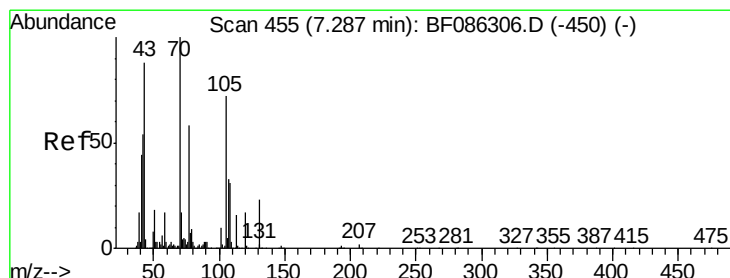
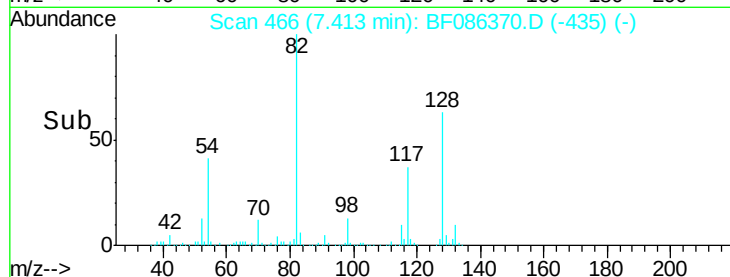
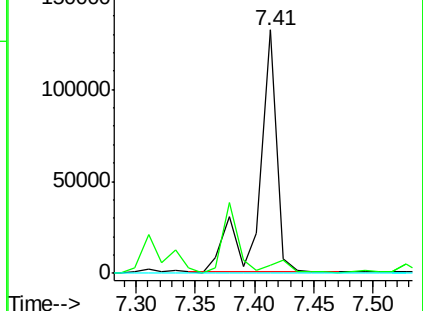
201 0.0 63.0 94.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 17.44 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.14 min

Lab File: BF086370.D

Acq: 23 Apr 2016 4:51

Tgt Ion: 70 Resp: 147962

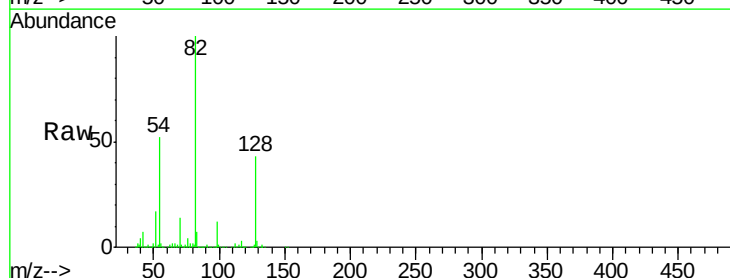
Ion Ratio Lower Upper

70 100

42 49.5 43.1 64.7

101 0.0 8.1 12.1#

130 2.3 18.6 28.0#

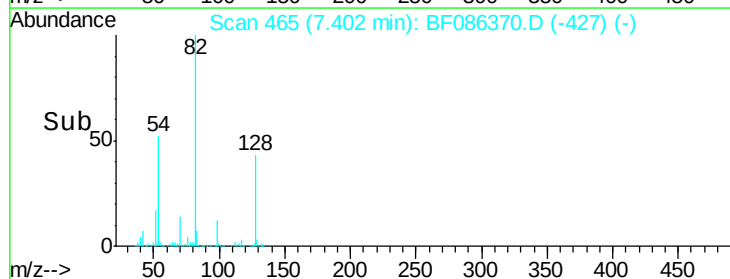
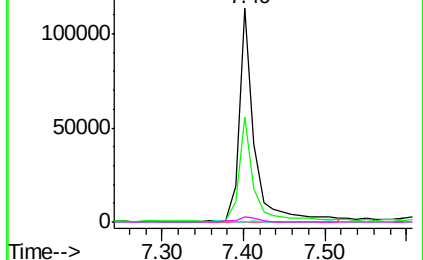


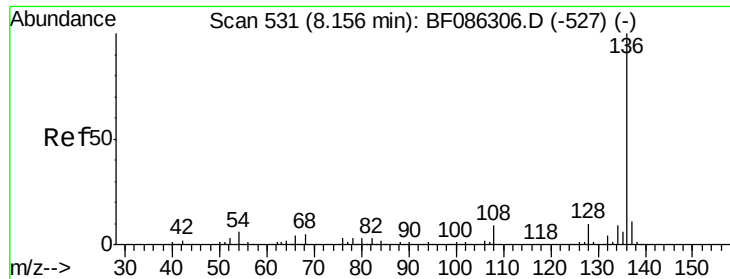
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

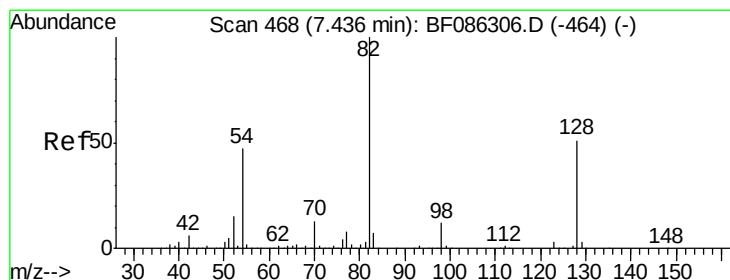
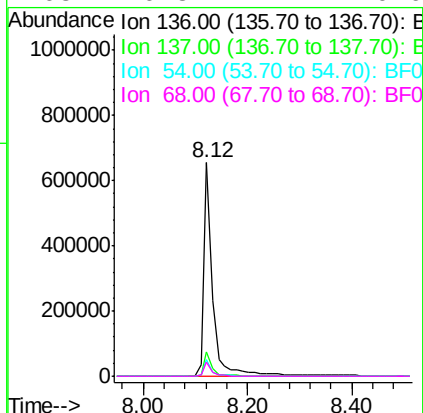
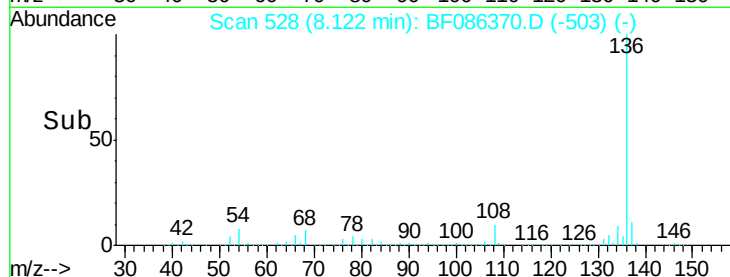
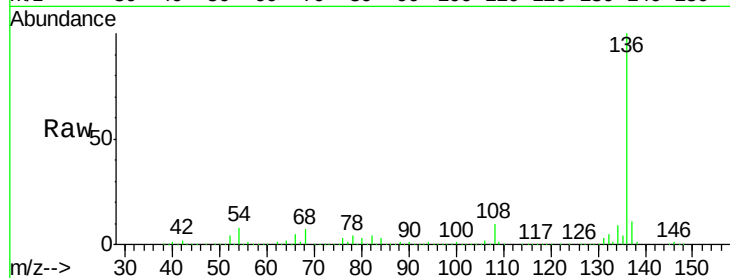




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086370.D
Acq: 23 Apr 2016 4:51

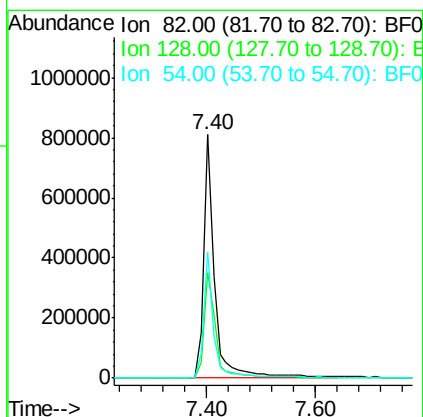
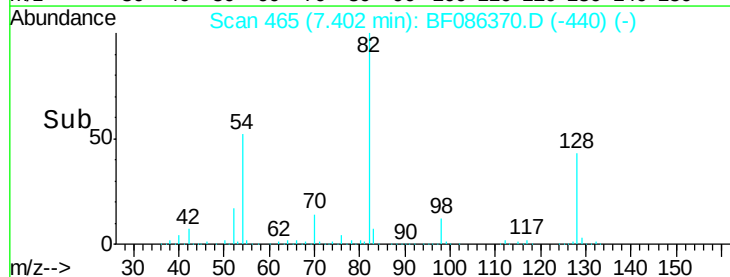
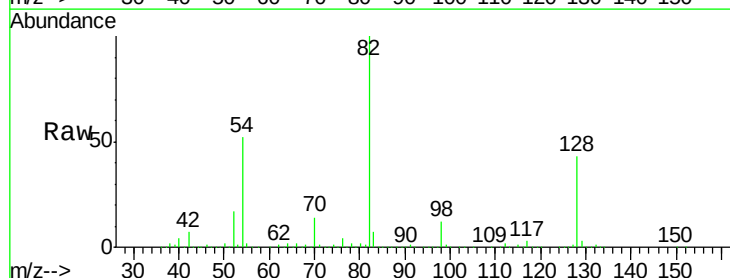
Instrument :
BNA_F
ClientSampled :
MW-1

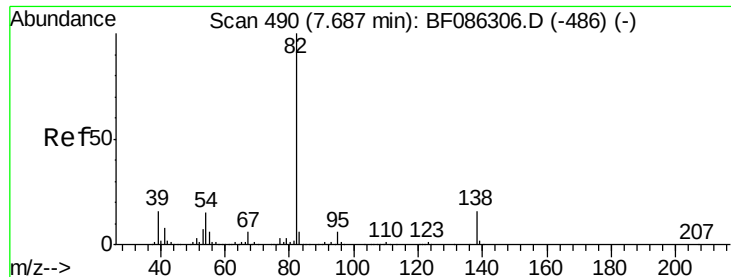
Tgt Ion:	136	Resp:	785768
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	5.0	7.4#
68	6.8	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 85.57 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF086370.D
Acq: 23 Apr 2016 4:51

Tgt Ion:	82	Resp:	1135007
Ion	Ratio	Lower	Upper
82	100		
128	43.3	40.6	61.0
54	52.0	38.1	57.1





#25

Isophorone

Concen: 43.57 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF086370.D

Acq: 23 Apr 2016 4:51

Instrument :

BNA_F

ClientSampleId :

MW-1

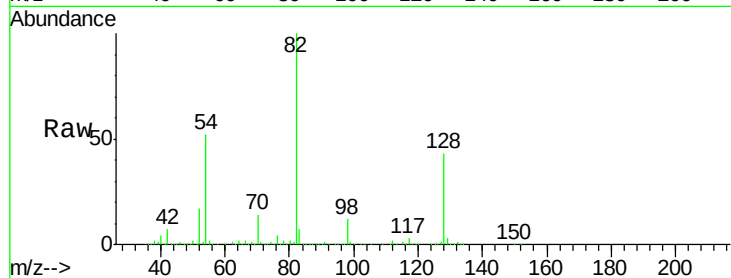
Tgt Ion: 82 Resp: 1132540

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

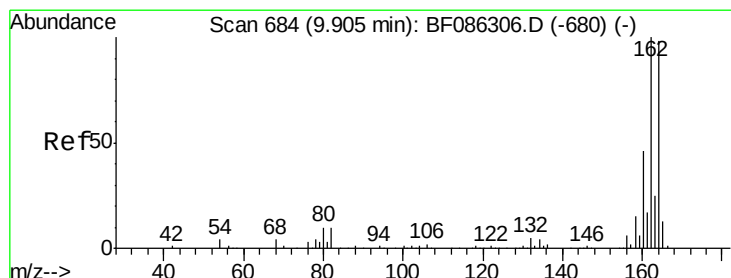
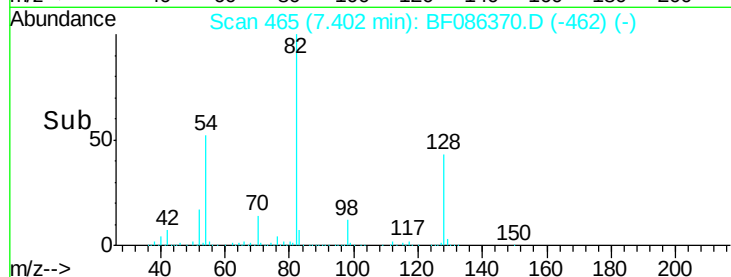
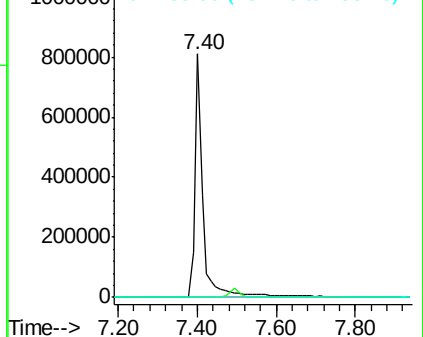
138 0.0 12.4 18.6#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF086370.D

Acq: 23 Apr 2016 4:51

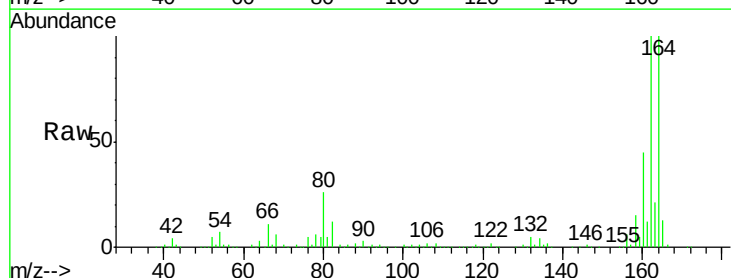
Tgt Ion: 164 Resp: 344091

Ion Ratio Lower Upper

164 100

162 99.8 82.8 124.2

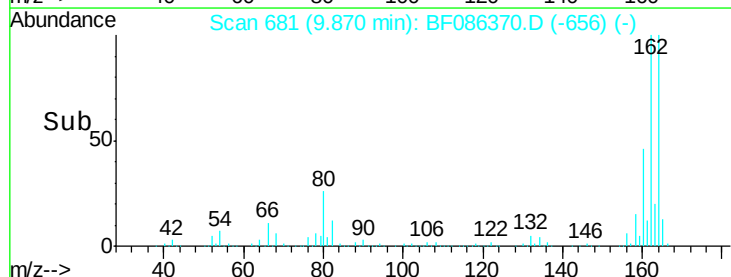
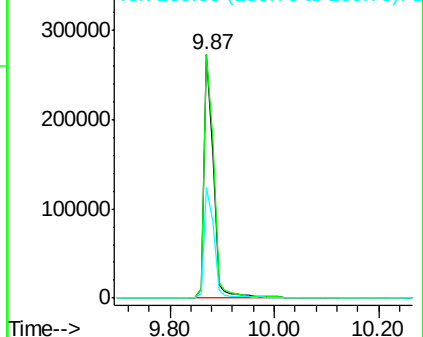
160 45.4 36.9 55.3

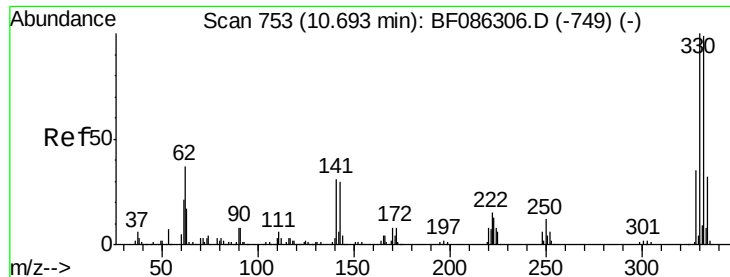


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

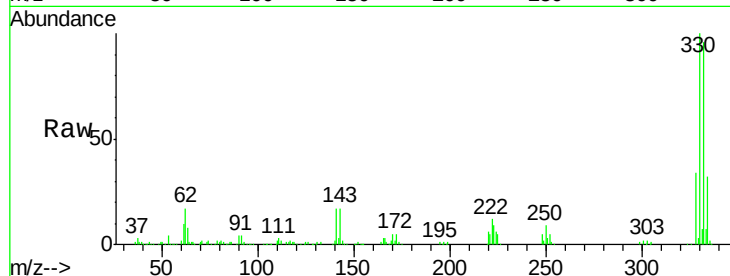




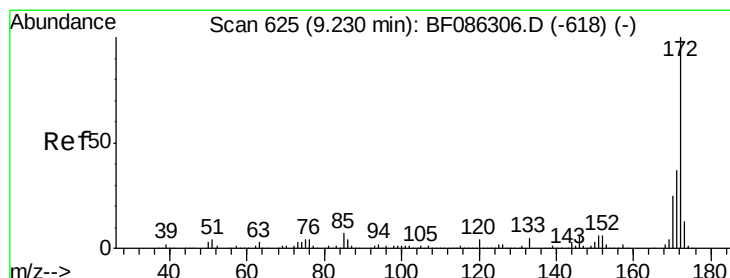
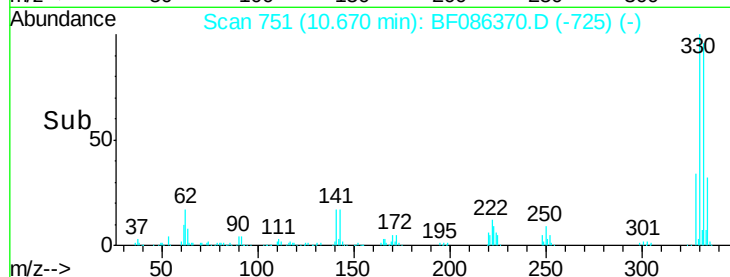
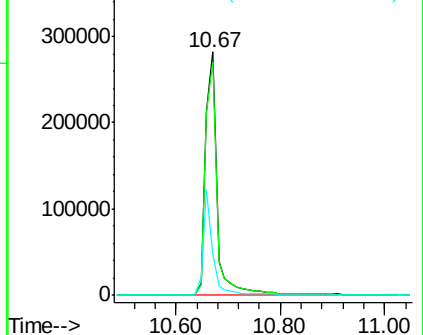
#41
 2,4,6-Tribromophenol
 Concen: 141.02 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086370.D
 Acq: 23 Apr 2016 4:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:330 Resp: 439239
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 36.1 31.2 46.8

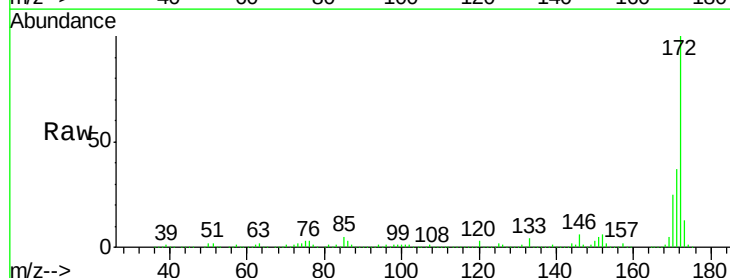


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

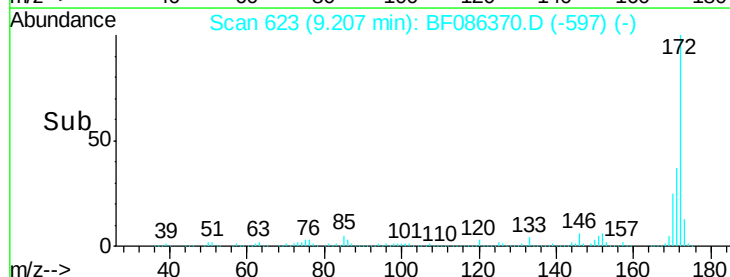
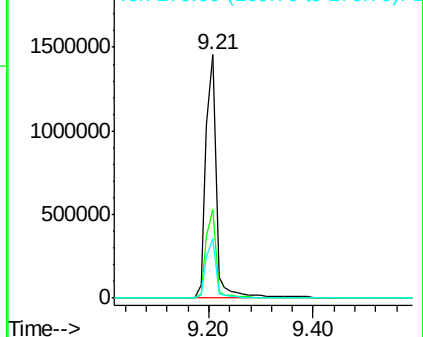


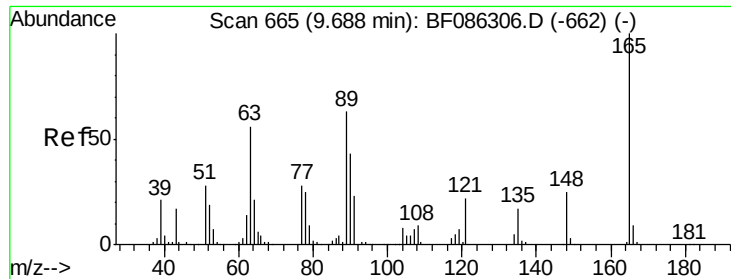
#44
 2-Fluorobiphenyl
 Concen: 101.93 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086370.D
 Acq: 23 Apr 2016 4:51

Tgt Ion:172 Resp: 2055311
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.5 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

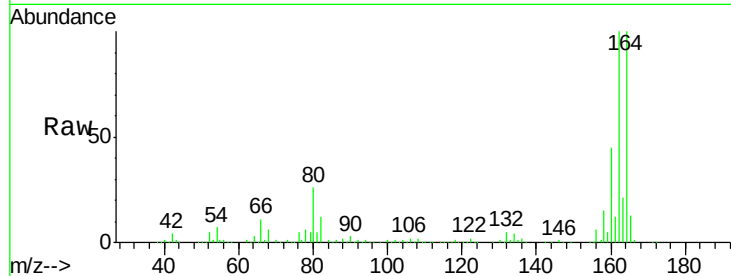




#50
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.21 min
Lab File: BF086370.D
Acq: 23 Apr 2016 4:51

Instrument :
BNA_F
ClientSampleId :
MW-1

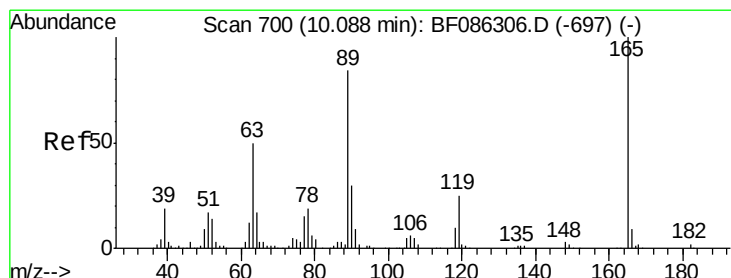
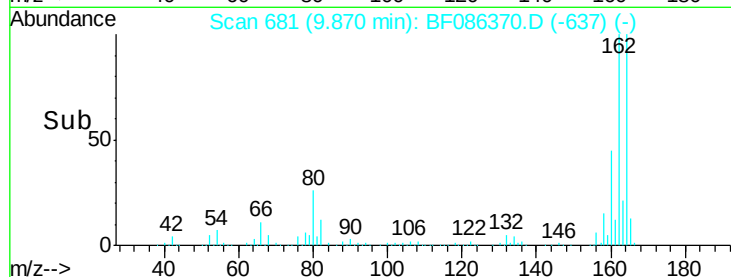
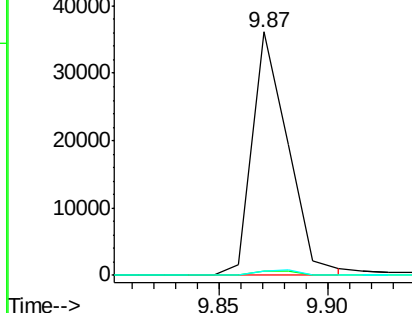
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	51.8	77.8#
89	1.6	50.7	76.1#



Abundance Ion 165.00 (164.70 to 165.70): E

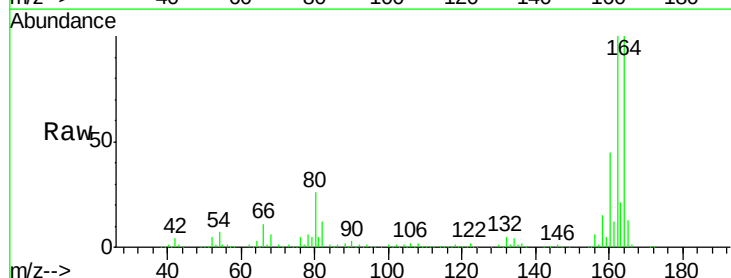
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.19 min
Lab File: BF086370.D
Acq: 23 Apr 2016 4:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.3	66.5#
89	1.6	70.0	105.0#
182	0.0	1.8	2.6#

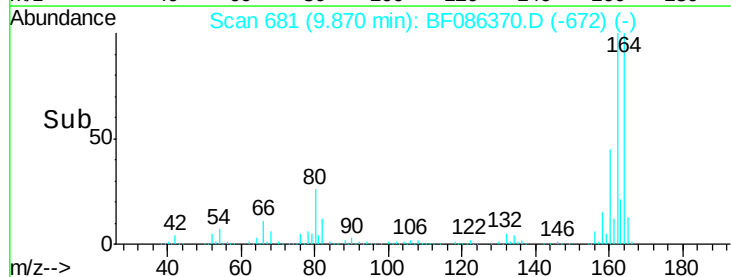
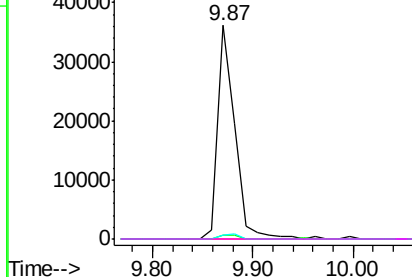


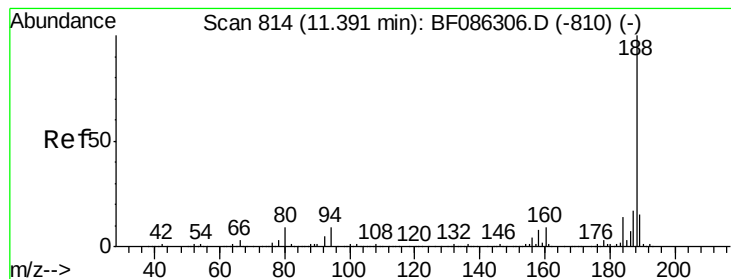
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086370.D

Acq: 23 Apr 2016 4:51

Instrument :

BNA_F

ClientSampled :

MW-1

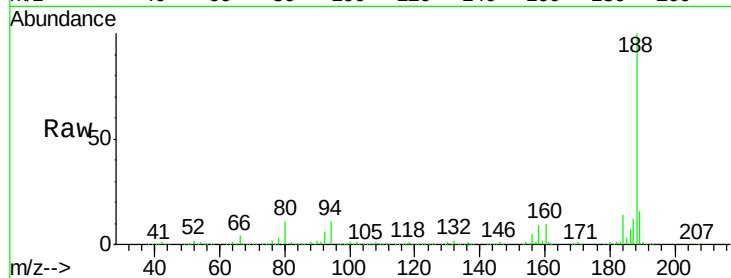
Tgt Ion:188 Resp: 718693

Ion Ratio Lower Upper

188 100

94 10.8 6.8 10.2#

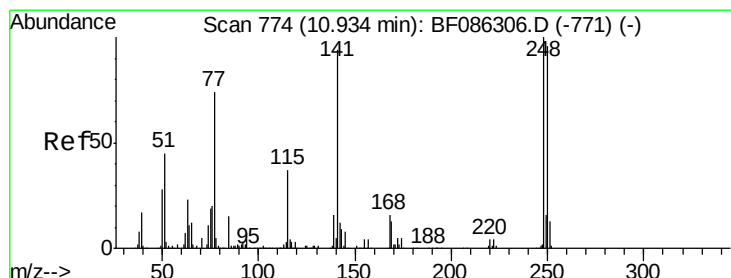
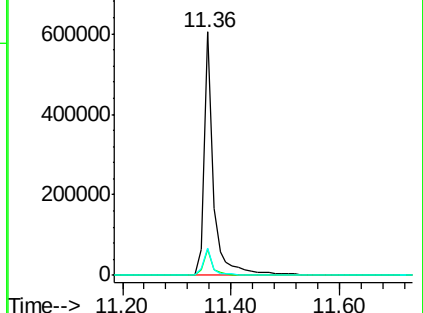
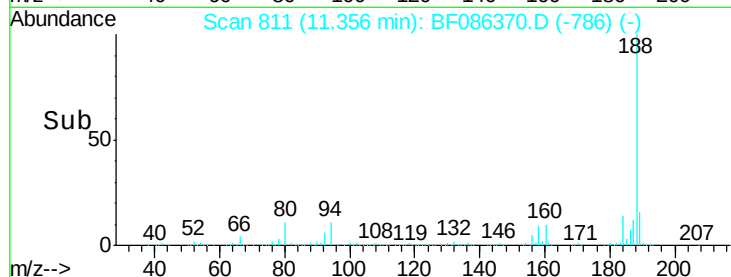
80 11.2 7.1 10.7#



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: 3.82 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.25 min

Lab File: BF086370.D

Acq: 23 Apr 2016 4:51

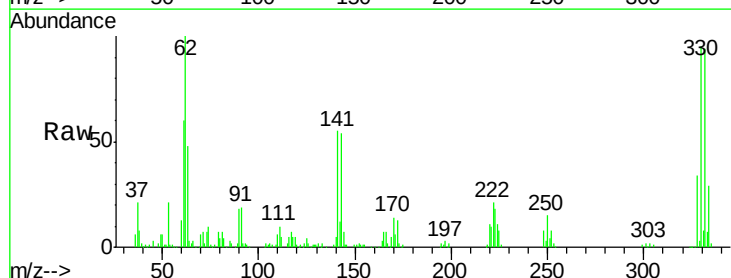
Tgt Ion:248 Resp: 26876

Ion Ratio Lower Upper

248 100

250 190.2 78.6 117.8#

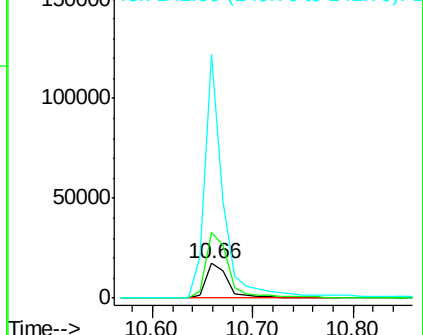
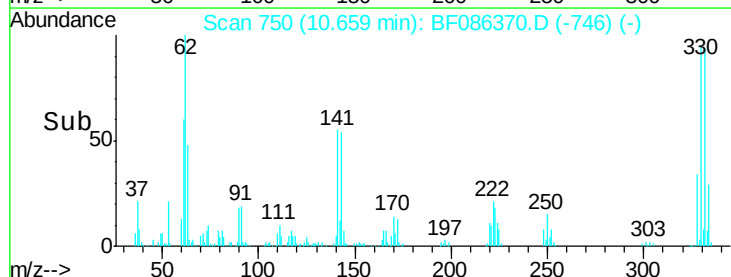
141 703.4 76.0 114.0#

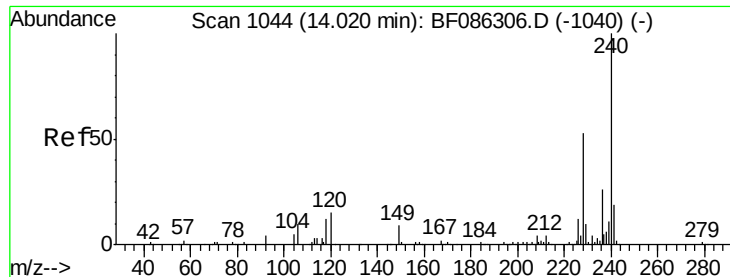


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF086370.D

Acq: 23 Apr 2016 4:51

Instrument :

BNA_F

ClientSampled :

MW-1

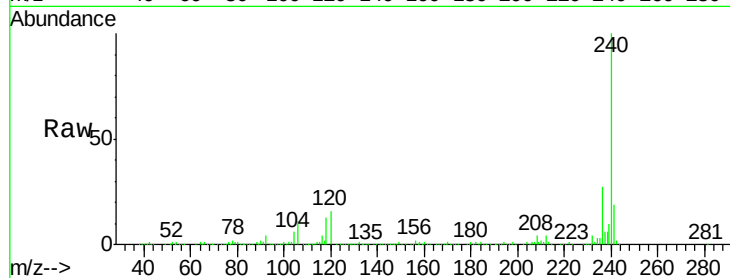
Tgt Ion:240 Resp: 605514

Ion Ratio Lower Upper

240 100

120 16.0 11.2 16.8

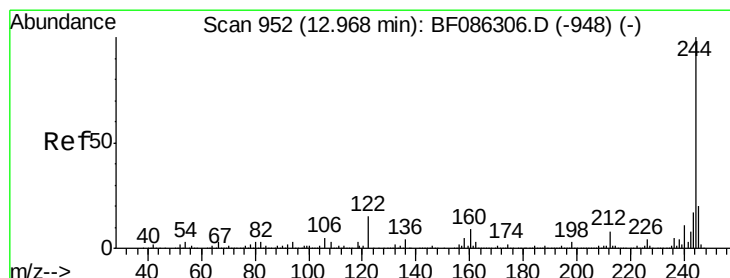
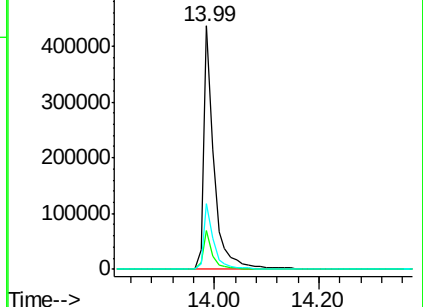
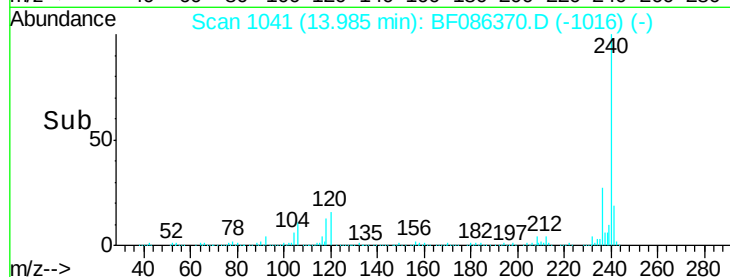
236 26.9 21.2 31.8



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: 70.68 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF086370.D

Acq: 23 Apr 2016 4:51

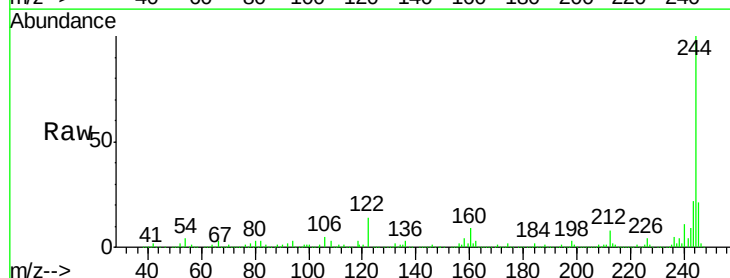
Tgt Ion:244 Resp: 1722600

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

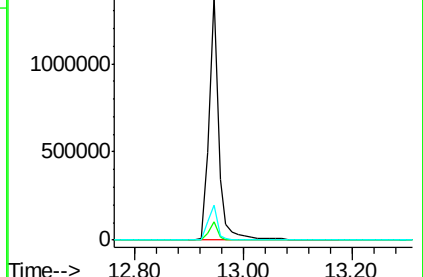
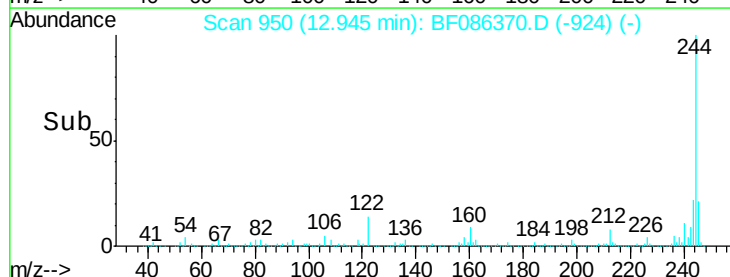
122 14.1 12.0 18.0

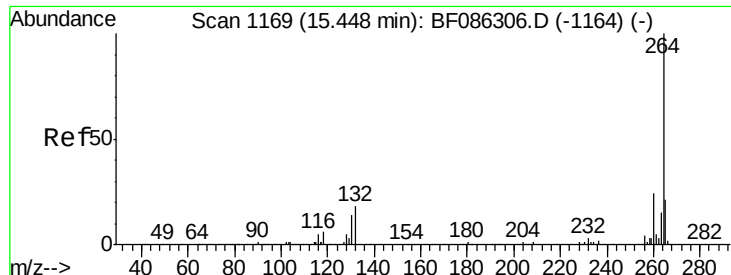


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

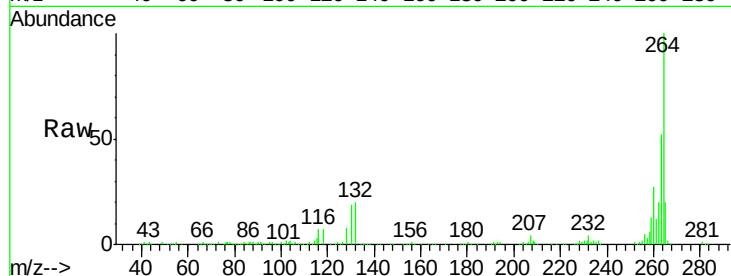




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF086370.D
Acq: 23 Apr 2016 4:51

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.2	19.5	29.3
265	19.6	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

