

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086371.D
 Acq On : 23 Apr 2016 5:20
 Operator : UM/SJ
 Sample : H2634-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Apr 25 00:41:58 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	160015	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	694636	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	323333	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	655610	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	556291	20.00	ng	-0.01
86) Perylene-d12	15.40	264	447228	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	543758	58.68	ng	0.00
7) Phenol-d6	6.46	99	526112	41.77	ng	-0.01
23) Nitrobenzene-d5	7.40	82	937495	79.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	406941	139.03	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1783072	94.11	ng	0.00
78) Terphenyl-d14	12.95	244	1628953	72.76	ng	0.00

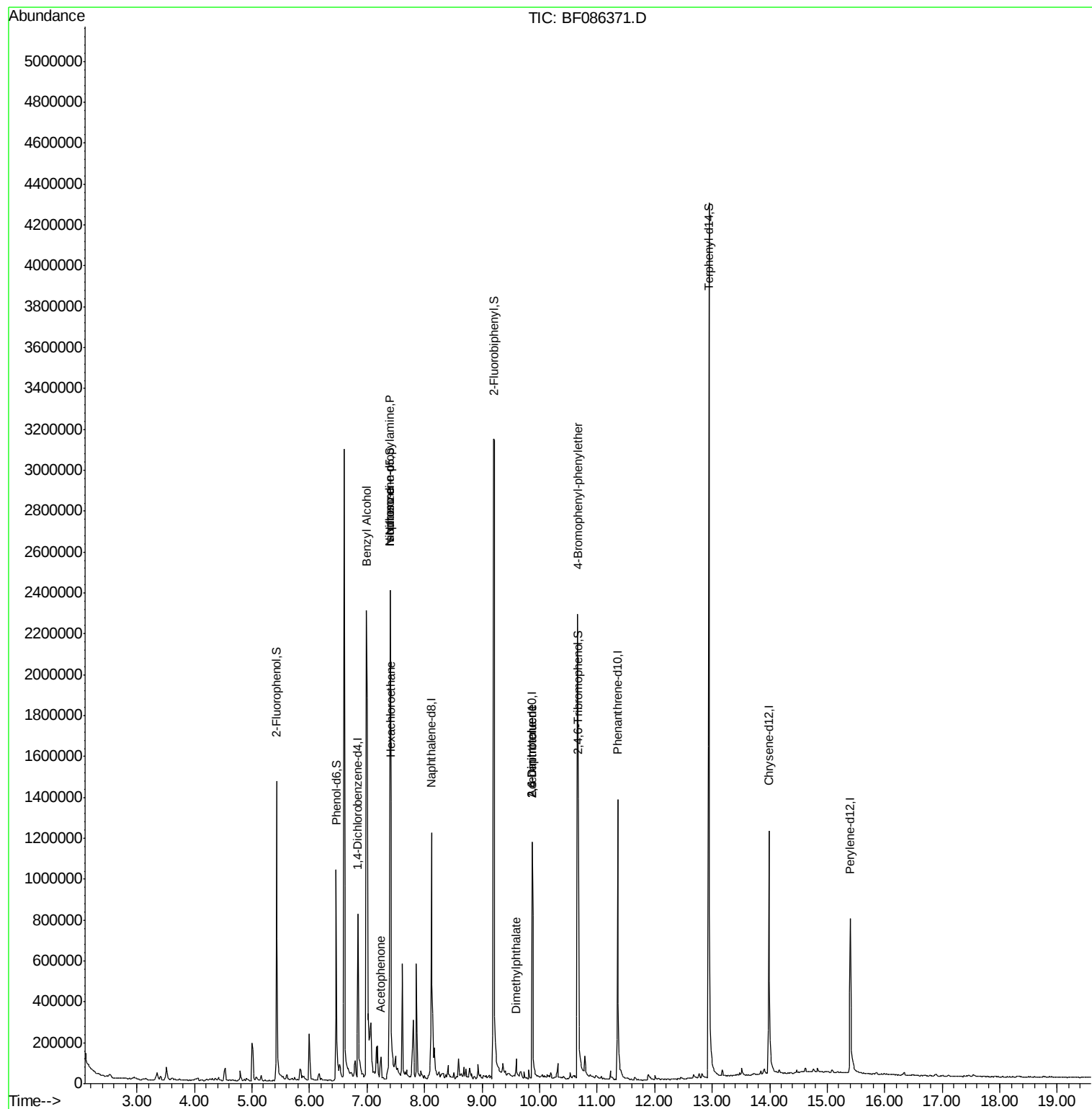
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.99	79	17588	2.35	ng	# 44
18) Hexachloroethane	7.41	117	233051	52.21	ng	# 6
19) n-Nitroso-di-n-propylamine	7.40	70	123452	16.40	ng	# 84
22) Acetophenone	7.24	105	56408	3.87	ng	# 50
25) Isophorone	7.40	82	922100	40.13	ng	# 68
49) Dimethylphthalate	9.60	163	47979	2.05	ng	# 97
50) 2,6-Dinitrotoluene	9.87	165	39144	7.76	ng	# 21
56) 2,4-Dinitrotoluene	9.87	165	41327	6.17	ng	# 17
66) 4-Bromophenyl-phenylether	10.66	248	25325	3.94	ng	# 1

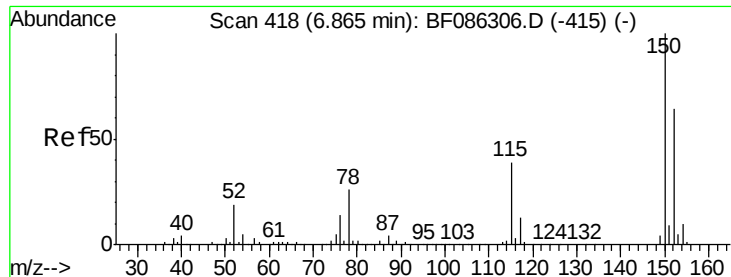
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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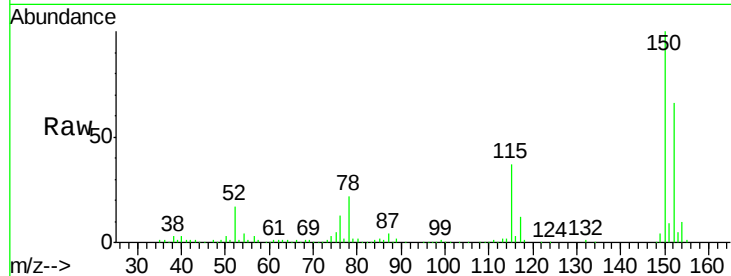


#1

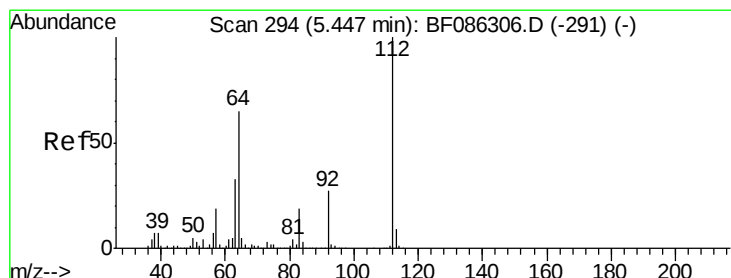
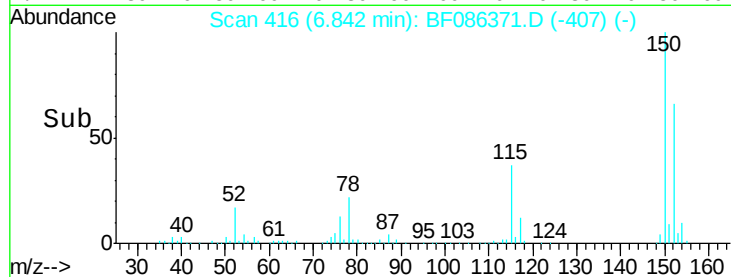
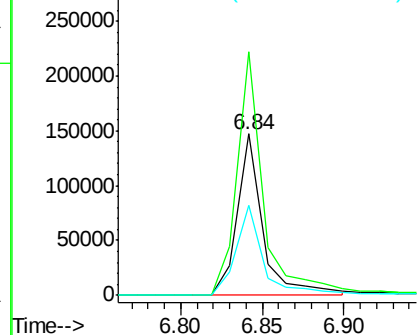
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF086371.D
 Acq: 23 Apr 2016 5:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:152 Resp: 160015
 Ion Ratio Lower Upper
 152 100
 150 151.1 125.8 188.6
 115 55.6 51.5 77.3



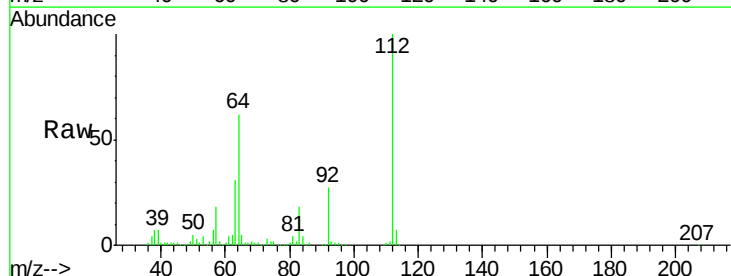
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



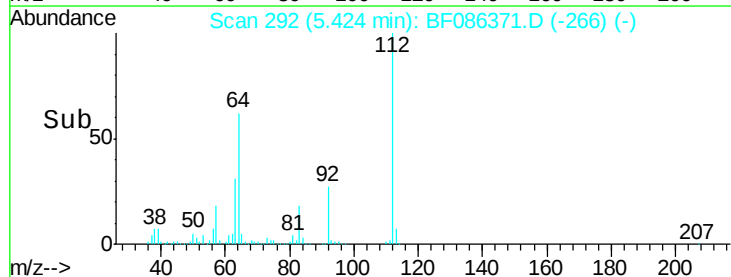
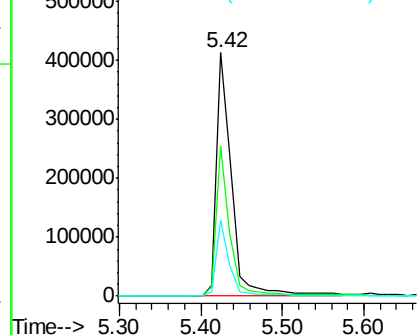
#5

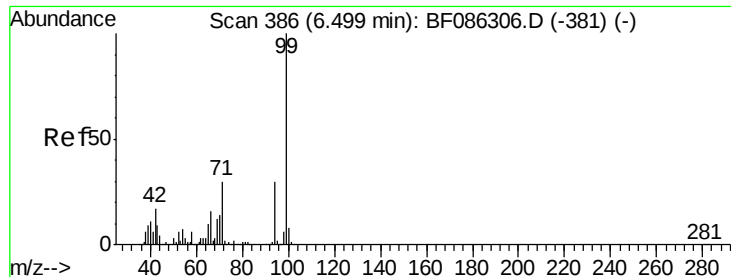
2-Fluorophenol
 Concen: 58.68 ng
 RT: 5.42 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: BF086371.D
 Acq: 23 Apr 2016 5:20

Tgt Ion:112 Resp: 543758
 Ion Ratio Lower Upper
 112 100
 64 61.7 52.1 78.1
 63 31.1 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: 41.77 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF086371.D

Acq: 23 Apr 2016 5:20

Instrument :

BNA_F

ClientSampled :

MW-16

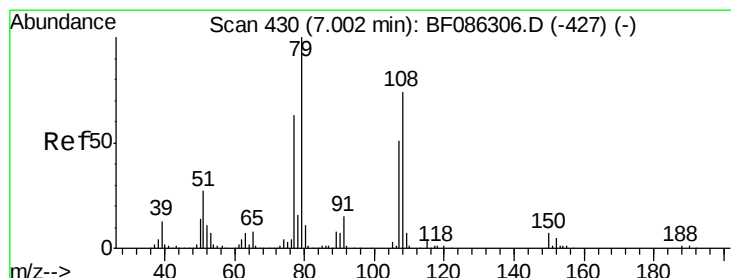
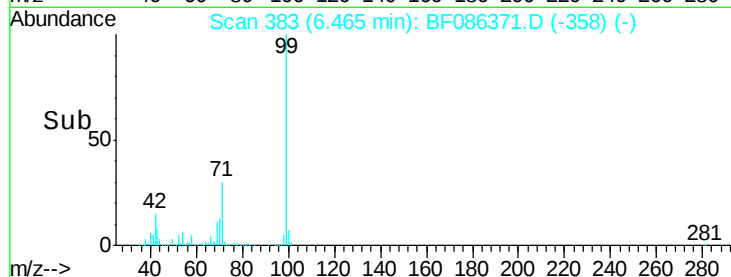
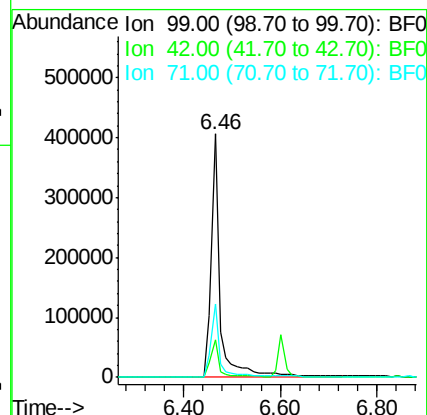
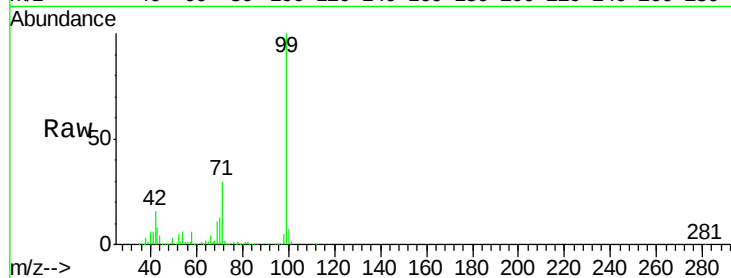
Tgt Ion: 99 Resp: 526112

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

71 30.0 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.35 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086371.D

Acq: 23 Apr 2016 5:20

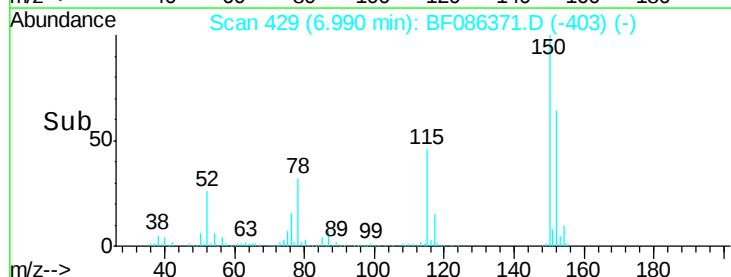
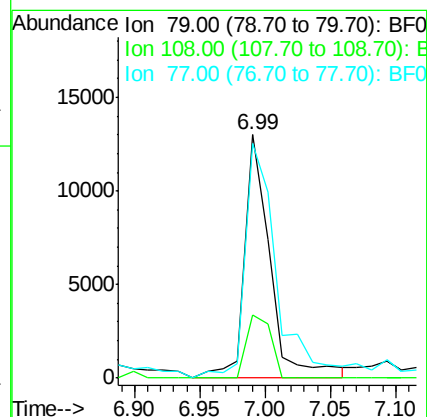
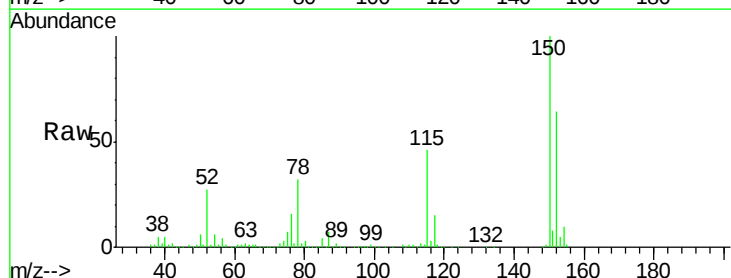
Tgt Ion: 79 Resp: 17588

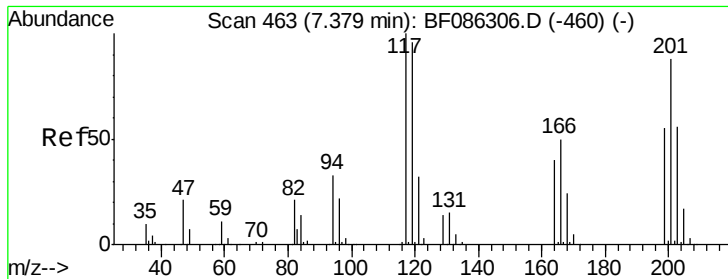
Ion Ratio Lower Upper

79 100

108 25.8 68.4 102.6#

77 96.4 50.6 76.0#

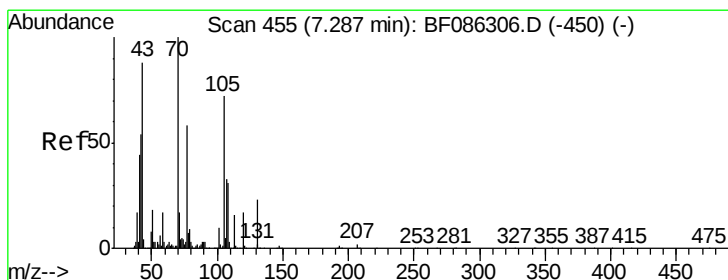
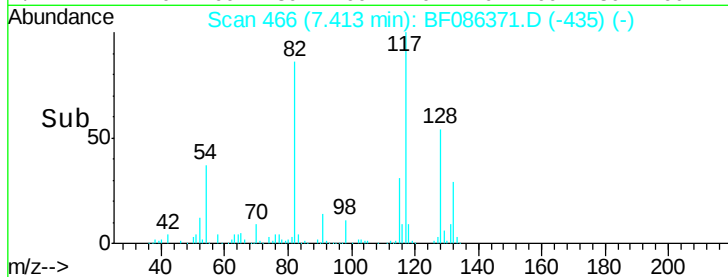
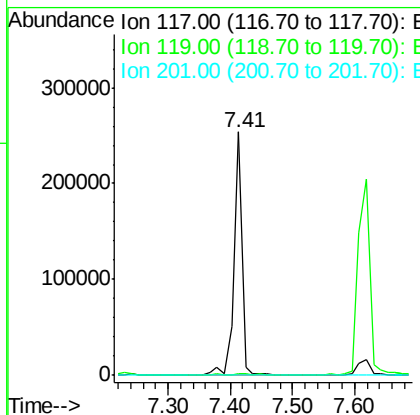
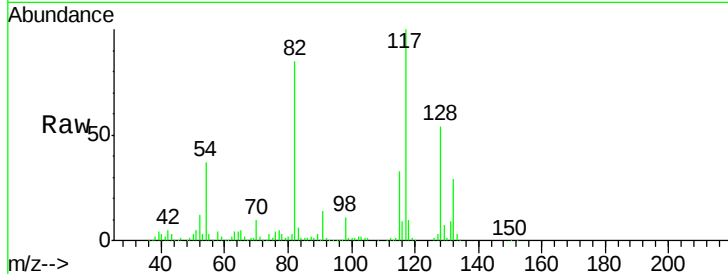




#18
Hexachloroethane
Concen: 52.21 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.06 min
Lab File: BF086371.D
Acq: 23 Apr 2016 5:20

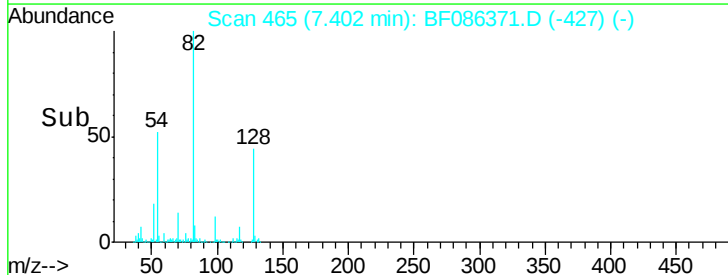
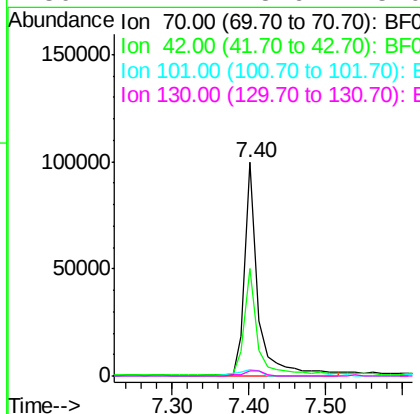
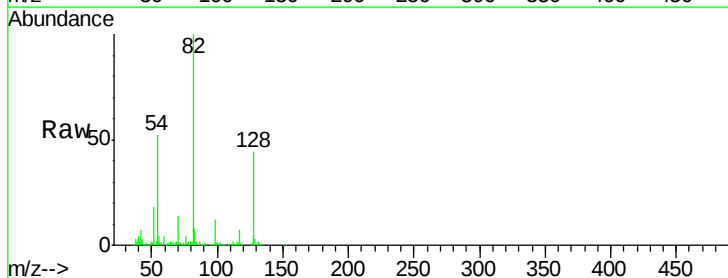
Instrument :
BNA_F
ClientSampleId :
MW-16

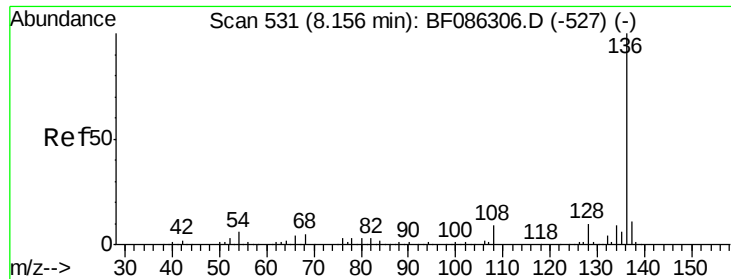
Tgt Ion: 117 Resp: 233051
Ion Ratio Lower Upper
117 100
119 0.8 76.5 114.7#
201 0.0 63.0 94.6#



#19
n-Nitroso-di-n-propylamine
Concen: 16.40 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.14 min
Lab File: BF086371.D
Acq: 23 Apr 2016 5:20

Tgt Ion: 70 Resp: 123452
Ion Ratio Lower Upper
70 100
42 50.6 43.1 64.7
101 3.3 8.1 12.1#
130 2.7 18.6 28.0#

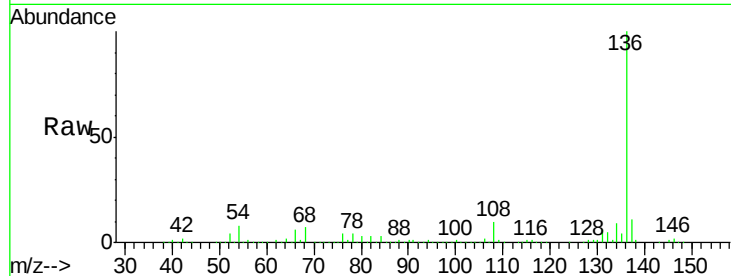




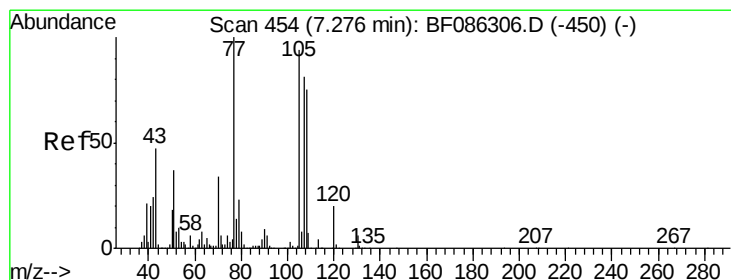
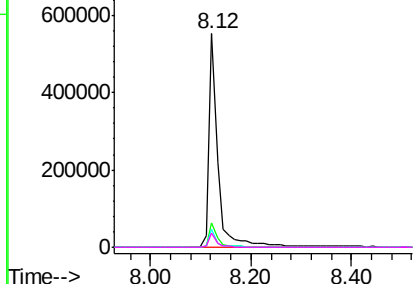
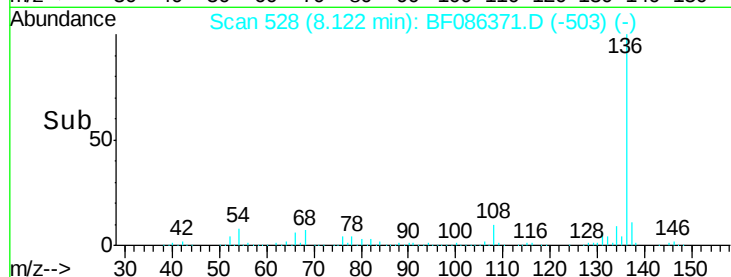
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086371.D
Acq: 23 Apr 2016 5:20

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:	136	Resp:	694636
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	8.1	5.0	7.4#
68	6.7	4.4	6.6#

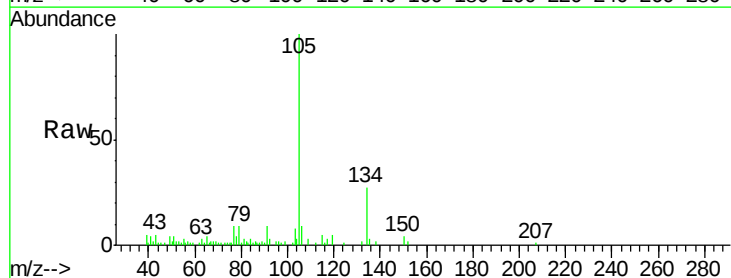


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

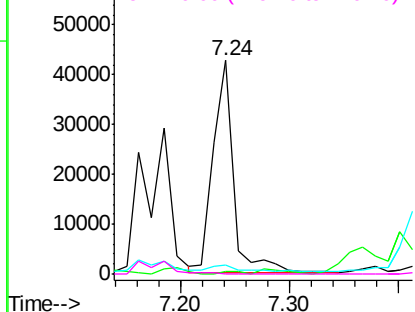
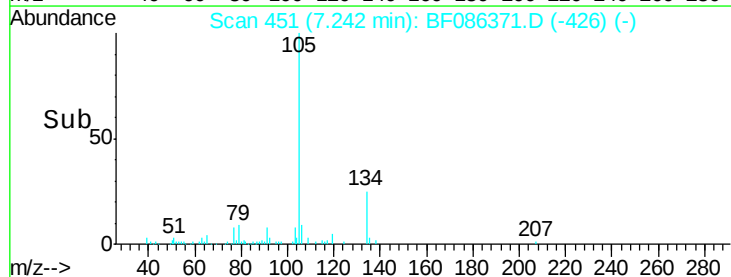


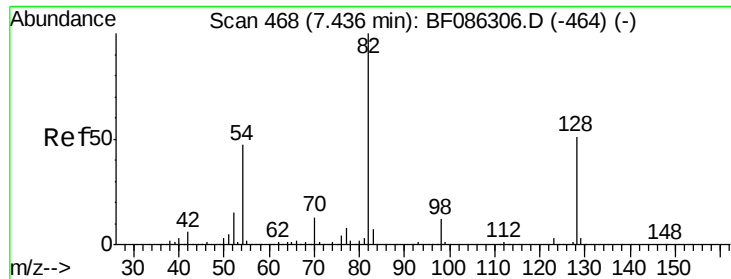
#22
Acetophenone
Concen: 3.87 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF086371.D
Acq: 23 Apr 2016 5:20

Tgt Ion:	105	Resp:	56408
Ion Ratio	Lower	Upper	
105	100		
71	1.1	4.8	7.2#
51	4.2	32.6	49.0#
120	0.0	16.5	24.7#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

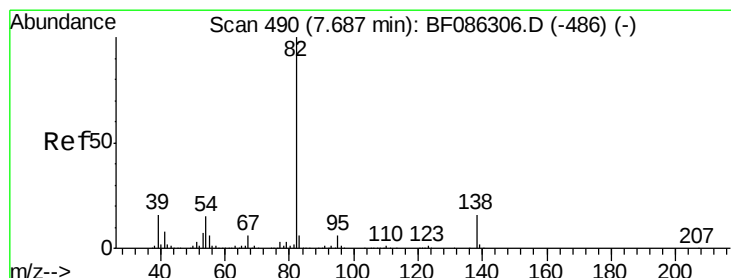
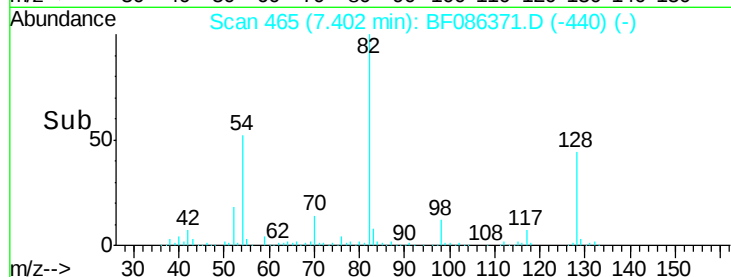
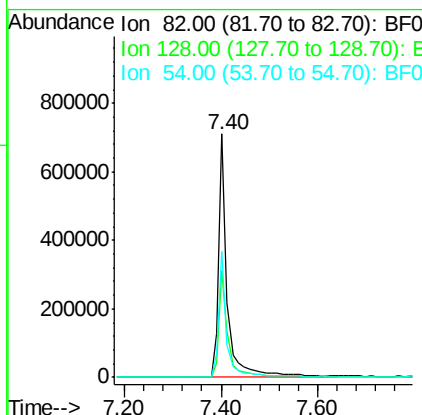
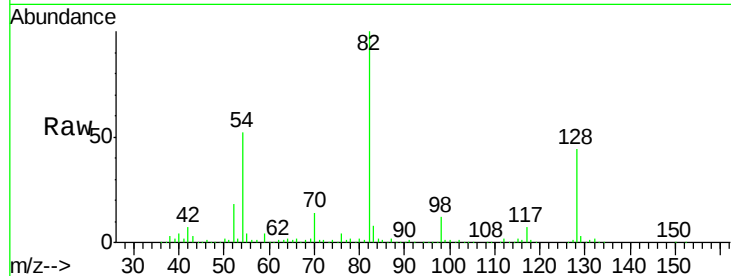




#23
 Nitrobenzene-d5
 Concen: 79.95 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086371.D
 Acq: 23 Apr 2016 5:20

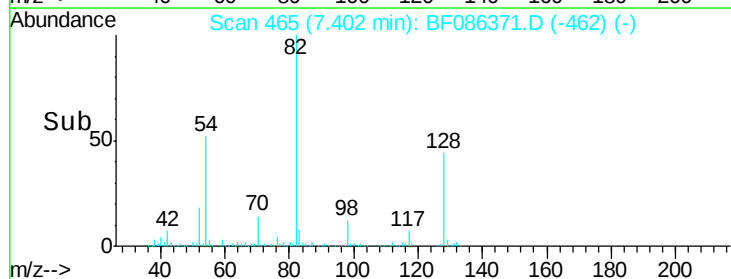
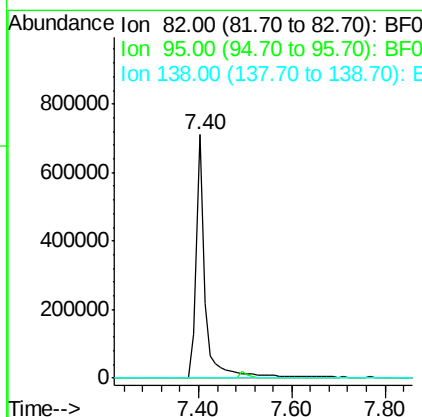
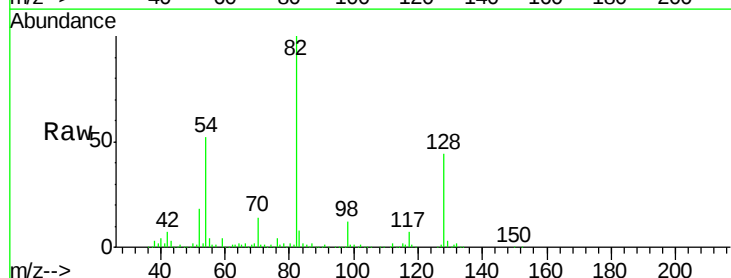
Instrument :
 BNA_F
 ClientSampled :
 MW-16

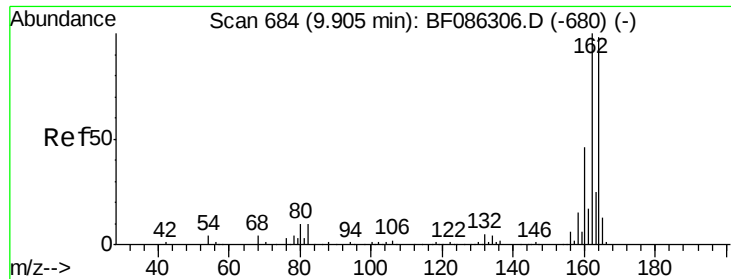
Tgt Ion: 82 Resp: 937495
 Ion Ratio Lower Upper
 82 100
 128 43.6 40.6 61.0
 54 51.8 38.1 57.1



#25
 Isophorone
 Concen: 40.13 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.26 min
 Lab File: BF086371.D
 Acq: 23 Apr 2016 5:20

Tgt Ion: 82 Resp: 922100
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

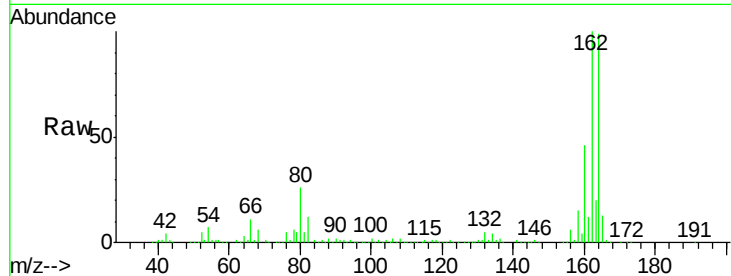




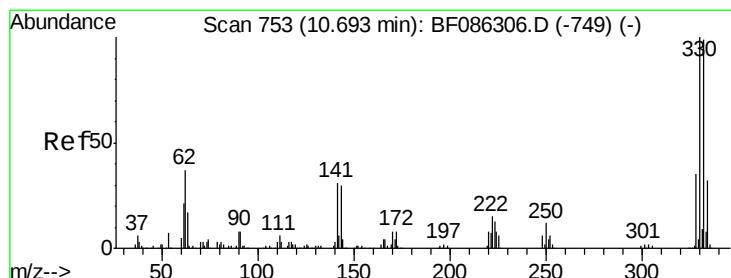
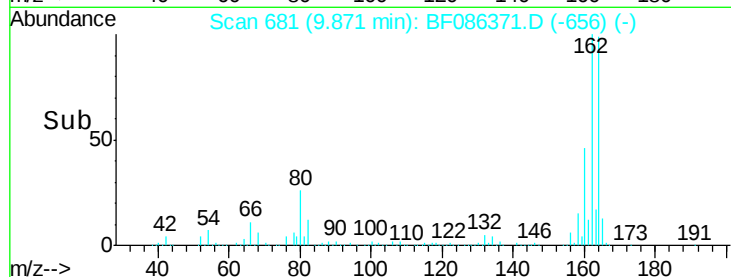
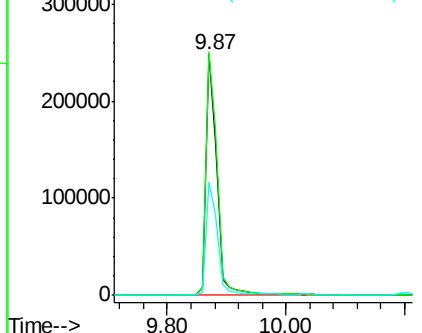
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF086371.D
 Acq: 23 Apr 2016 5:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:164 Resp: 323333
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.8 124.2
 160 46.7 36.9 55.3

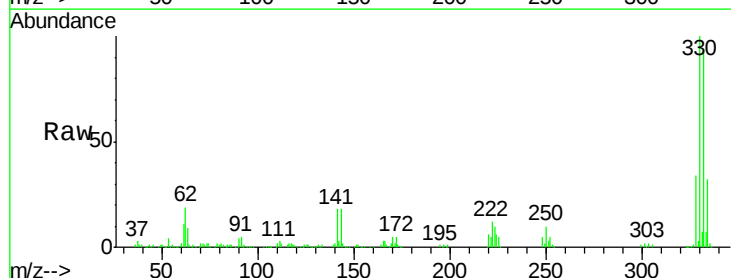


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

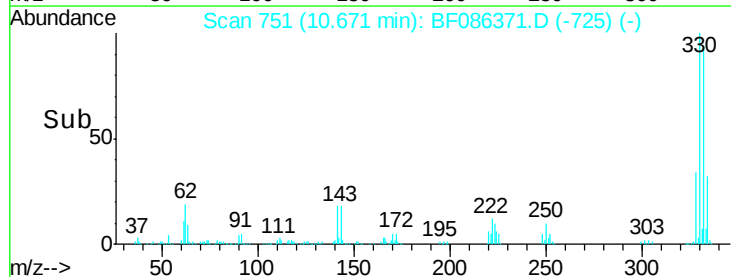
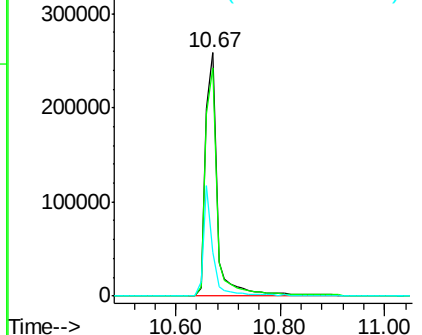


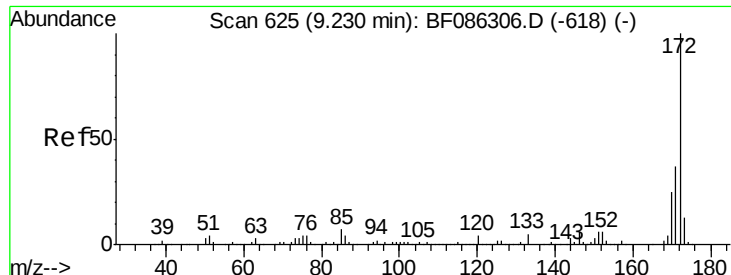
#41
 2,4,6-Tribromophenol
 Concen: 139.03 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086371.D
 Acq: 23 Apr 2016 5:20

Tgt Ion:330 Resp: 406941
 Ion Ratio Lower Upper
 330 100
 332 94.7 79.0 118.4
 141 37.4 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

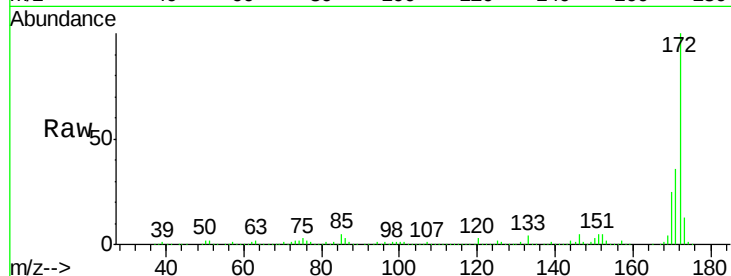




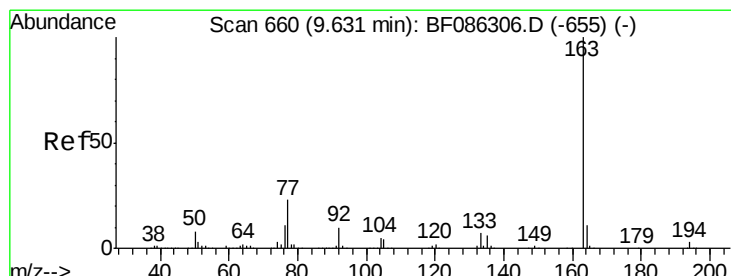
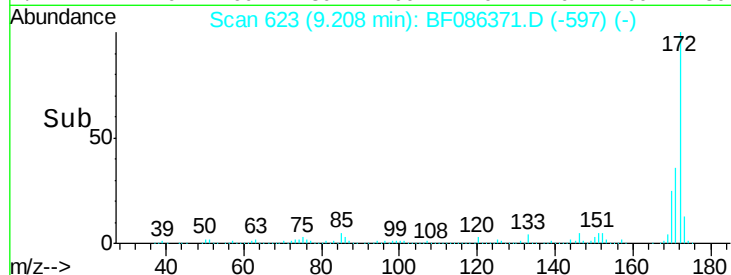
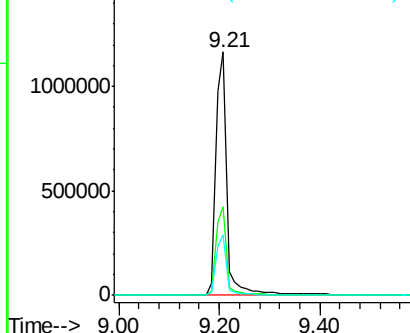
#44
 2-Fluorobiphenyl
 Concen: 94.11 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086371.D
 Acq: 23 Apr 2016 5:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:172 Resp: 1783072
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 25.0 19.8 29.8

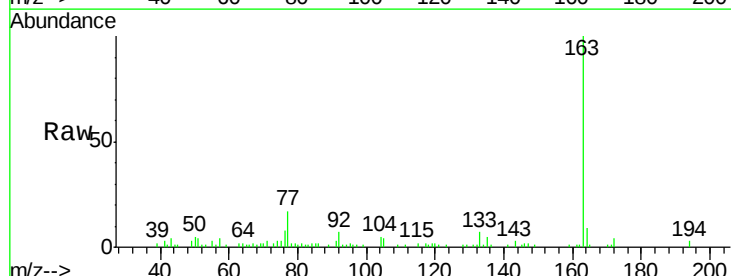


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

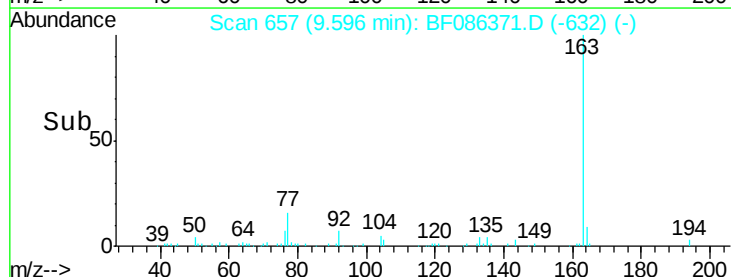
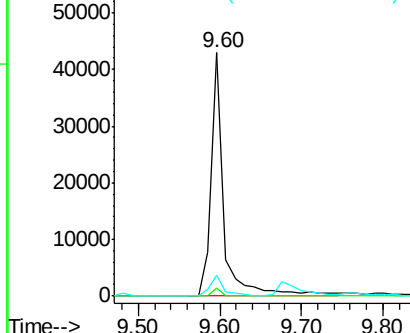


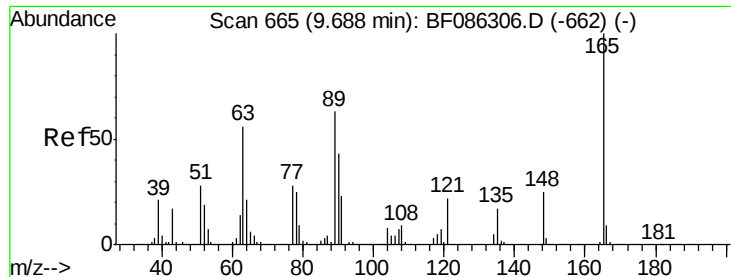
#49
 Dimethylphthalate
 Concen: 2.05 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF086371.D
 Acq: 23 Apr 2016 5:20

Tgt Ion:163 Resp: 47979
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 8.8 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

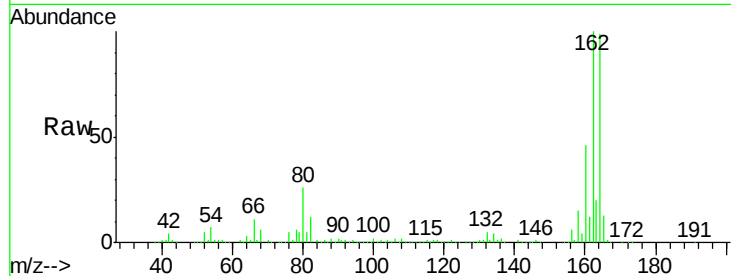




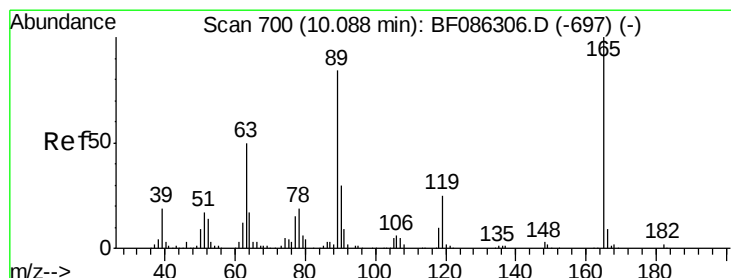
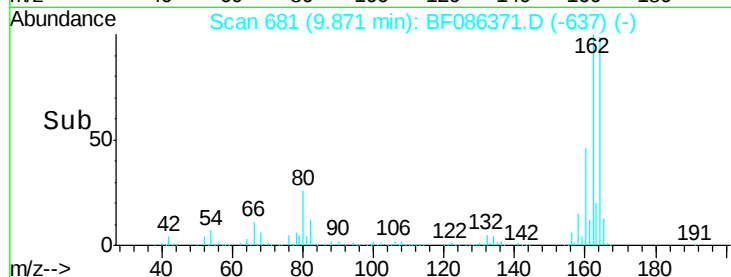
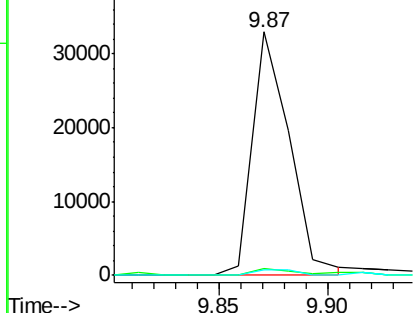
#50
 2,6-Dinitrotoluene
 Concen: 7.76 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.21 min
 Lab File: BF086371.D
 Acq: 23 Apr 2016 5:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:165 Resp: 39144
 Ion Ratio Lower Upper
 165 100
 63 2.9 51.8 77.8#
 89 2.2 50.7 76.1#

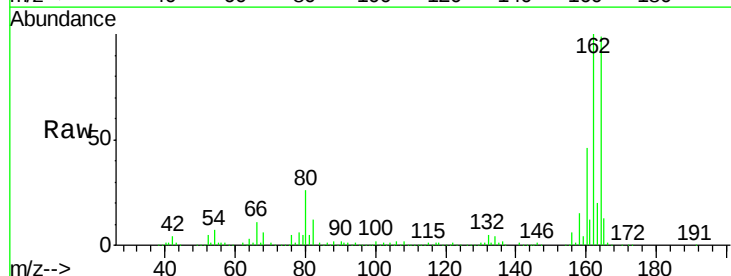


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

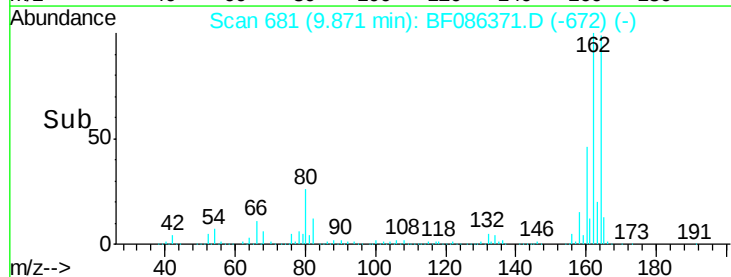
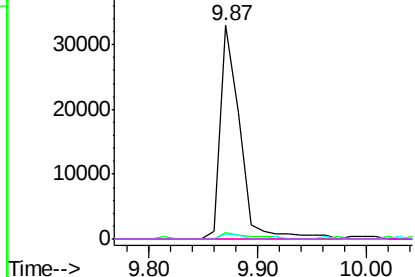


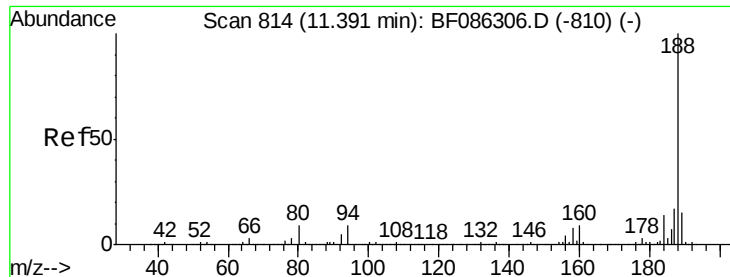
#56
 2,4-Dinitrotoluene
 Concen: 6.17 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.19 min
 Lab File: BF086371.D
 Acq: 23 Apr 2016 5:20

Tgt Ion:165 Resp: 41327
 Ion Ratio Lower Upper
 165 100
 63 2.9 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

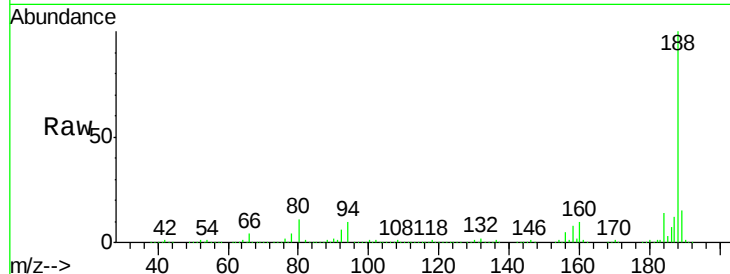




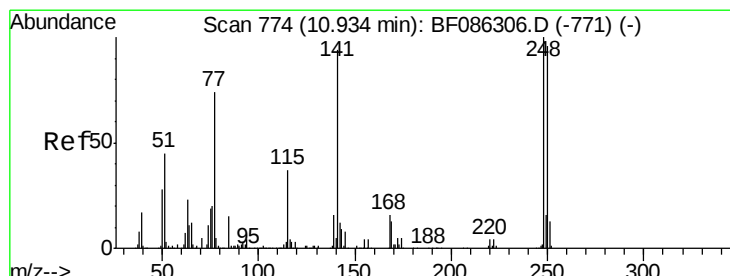
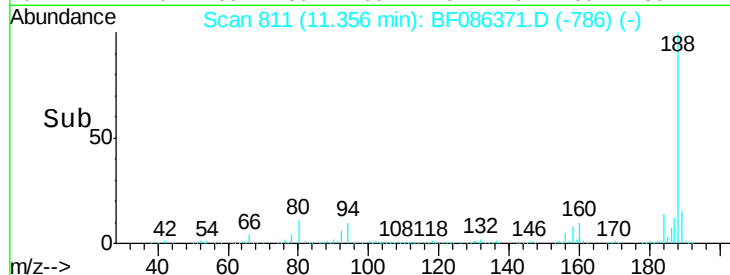
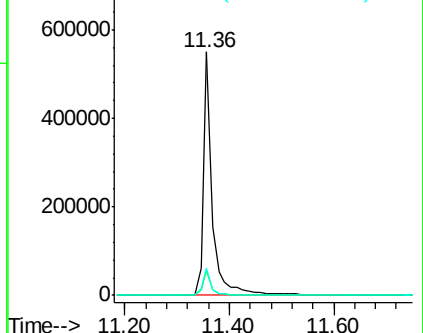
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086371.D
 Acq: 23 Apr 2016 5:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:188 Resp: 655610
 Ion Ratio Lower Upper
 188 100
 94 10.4 6.8 10.2#
 80 11.2 7.1 10.7#

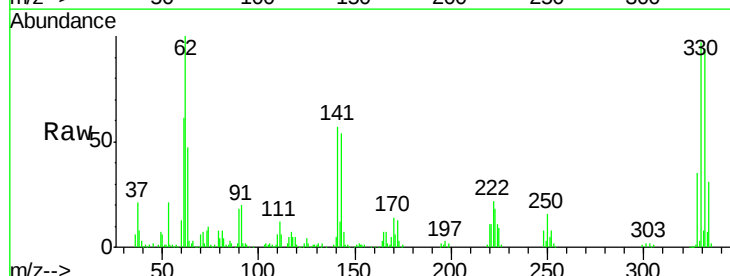


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

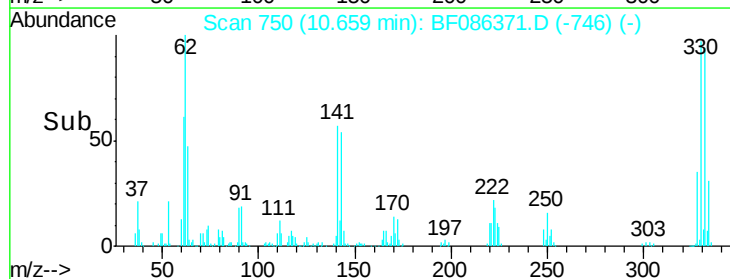
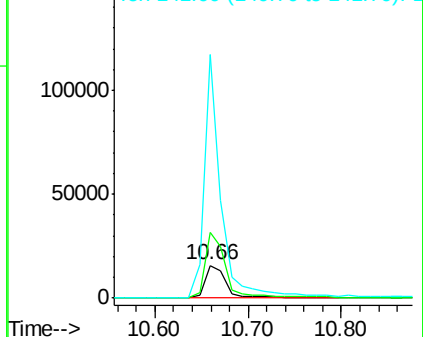


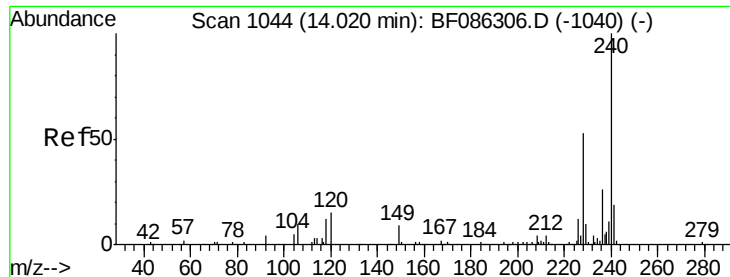
#66
 4-Bromophenyl-phenylether
 Concen: 3.94 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF086371.D
 Acq: 23 Apr 2016 5:20

Tgt Ion:248 Resp: 25325
 Ion Ratio Lower Upper
 248 100
 250 201.8 78.6 117.8#
 141 741.8 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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF086371.D

Acq: 23 Apr 2016 5:20

Instrument :

BNA_F

ClientSampleId :

MW-16

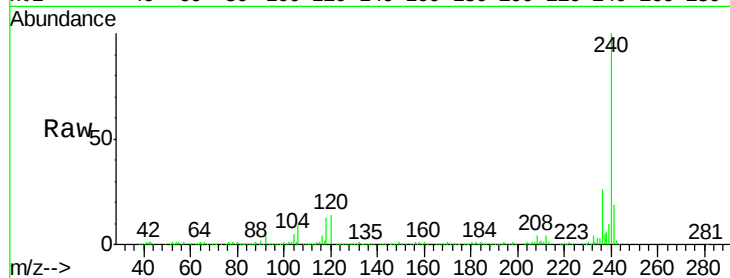
Tgt Ion:240 Resp: 556291

Ion Ratio Lower Upper

240 100

120 13.9 11.2 16.8

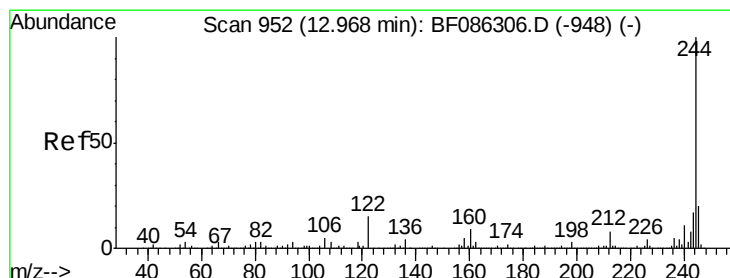
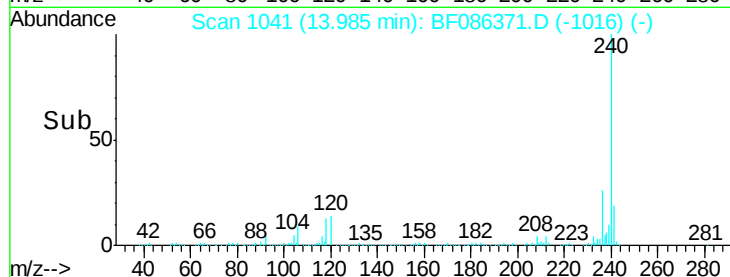
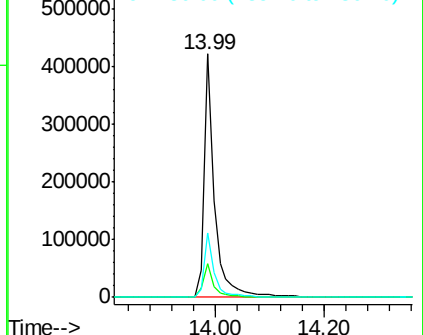
236 26.4 21.2 31.8



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: 72.76 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF086371.D

Acq: 23 Apr 2016 5:20

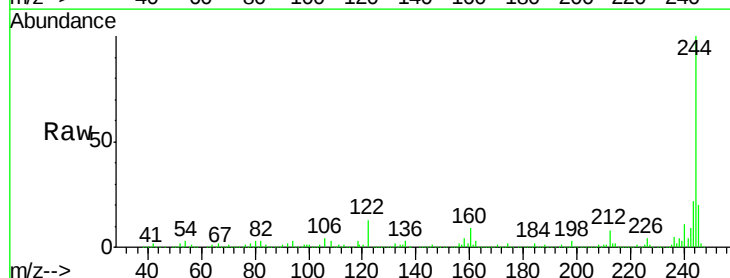
Tgt Ion:244 Resp: 1628953

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

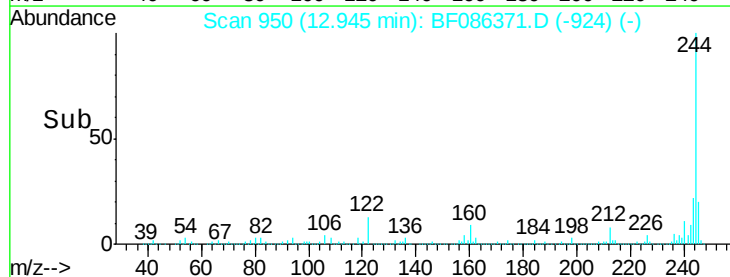
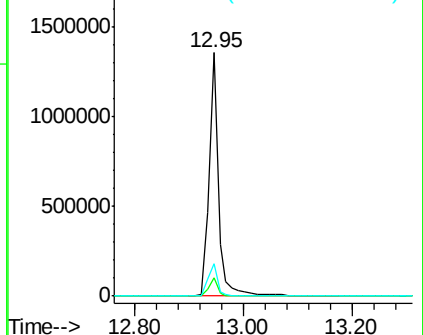
122 13.3 12.0 18.0

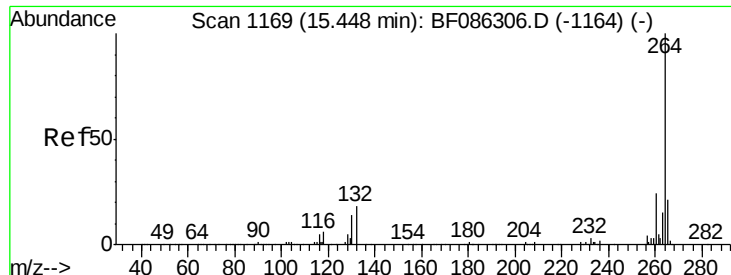


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

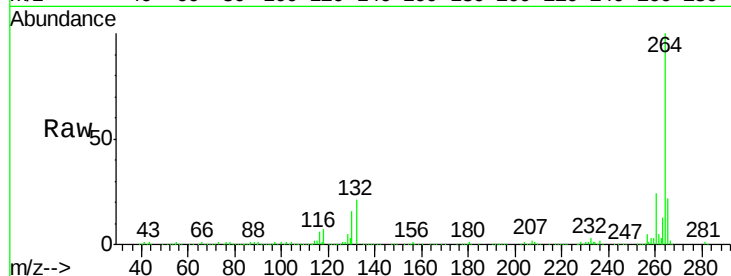




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF086371.D
Acq: 23 Apr 2016 5:20

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion: 264 Resp: 447228
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 22.4 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

