

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
 Data File : BF092786.D
 Acq On : 3 Feb 2017 20:16
 Operator : SJ/MA
 Sample : I1647-03RX
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Feb 03 22:14:05 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

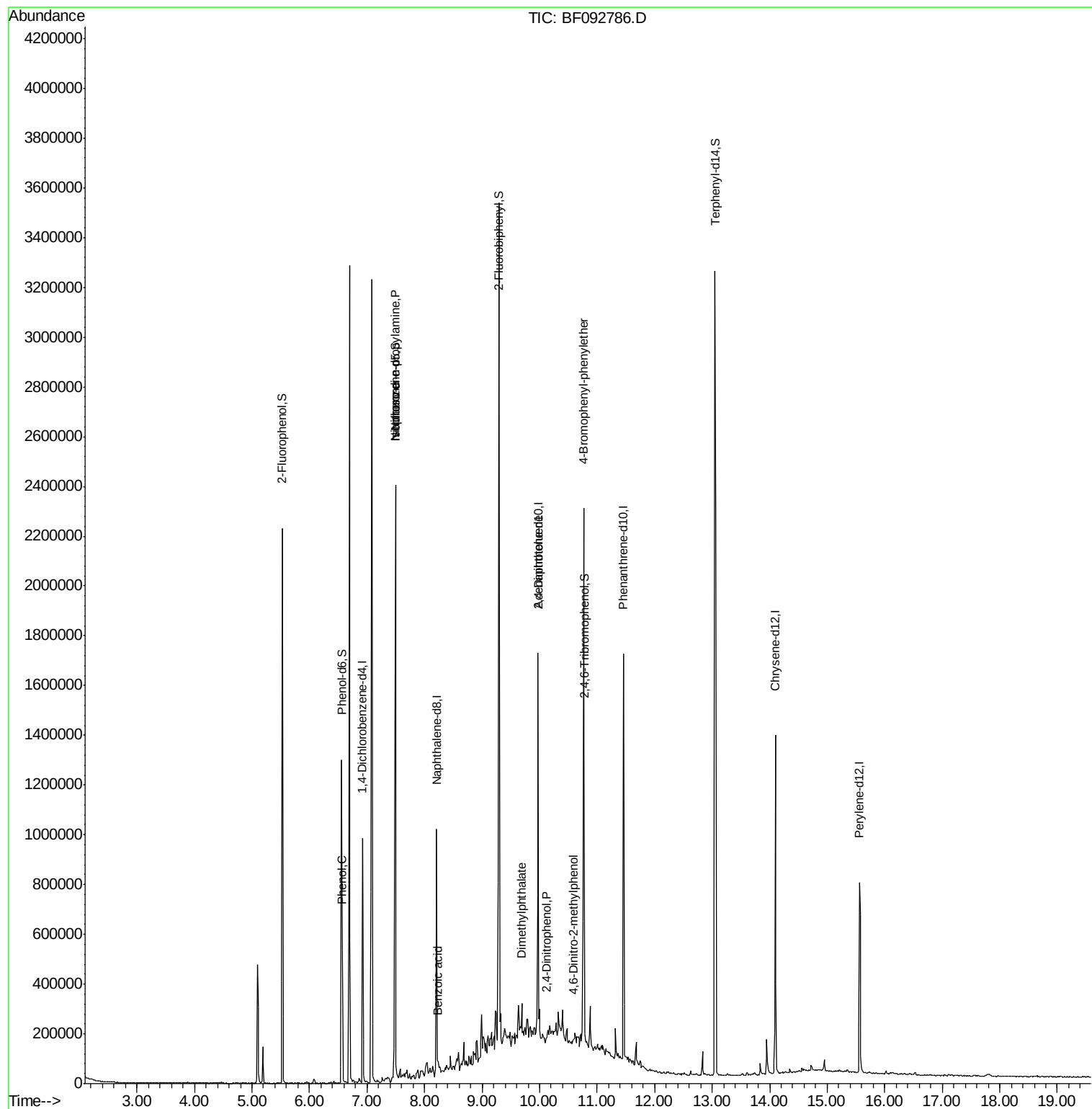
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	135226	20.00	ng	-0.05
21) Naphthalene-d8	8.21	136	540000	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	360663	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	572941	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	473949	20.00	ng	-0.05
86) Perylene-d12	15.56	264	411542	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	568492	72.13	ng	-0.04
7) Phenol-d6	6.56	99	451545	44.52	ng	-0.05
23) Nitrobenzene-d5	7.49	82	906565	93.49	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	346607	132.87	ng	-0.03
44) 2-Fluorobiphenyl	9.29	172	1642562	82.51	ng	-0.05
78) Terphenyl-d14	13.05	244	1449571	71.86	ng	-0.03
Target Compounds						
10) Phenol	6.57	94	30095	2.54	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	7.49	70	123668	19.16	ng	# 78
25) Isophorone	7.49	82	871124	48.21	ng	# 65
32) Benzoic acid	8.22	122	235	7.21	ng	# 42
49) Dimethylphthalate	9.69	163	49204	2.03	ng	100
53) 2,4-Dinitrophenol	10.12	184	292	4.84	ng	# 1
56) 2,4-Dinitrotoluene	9.97	165	47795	6.84	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.59	198	867	2.90	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	24416	4.08	ng	# 1

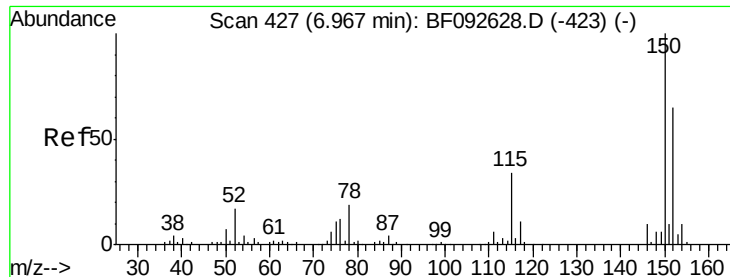
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.05 min

Lab File: BF092786.D

Acq: 3 Feb 2017 20:16

Instrument :

BNA_F

ClientSampleId :

MW-20

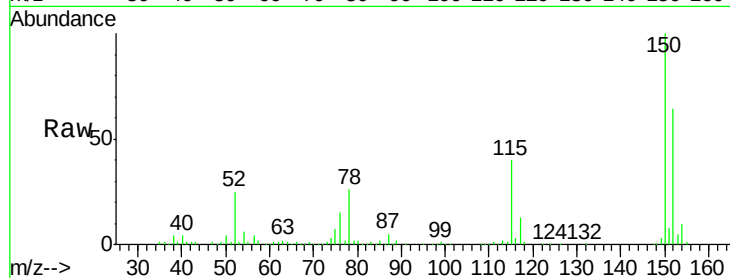
Tgt Ion:152 Resp: 135226

Ion Ratio Lower Upper

152 100

150 156.5 124.9 187.3

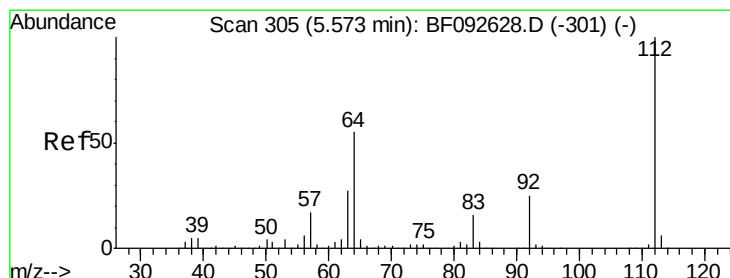
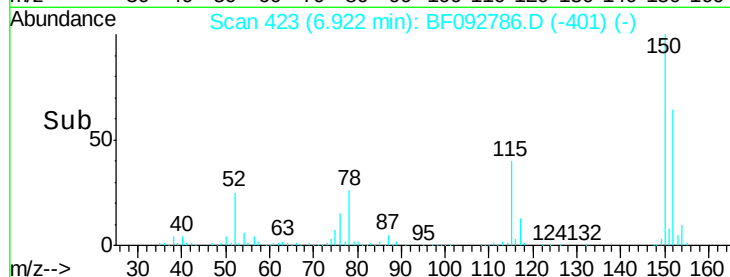
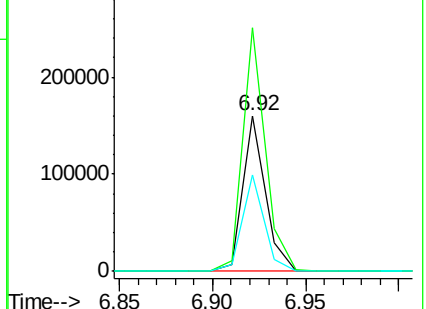
115 62.2 46.0 69.0



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: 72.13 ng

RT: 5.53 min Scan# 301

Delta R.T. -0.04 min

Lab File: BF092786.D

Acq: 3 Feb 2017 20:16

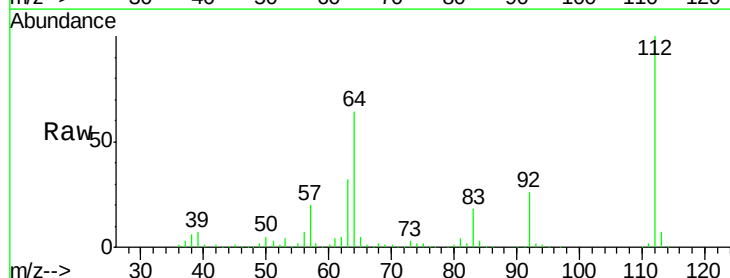
Tgt Ion:112 Resp: 568492

Ion Ratio Lower Upper

112 100

64 64.3 46.1 69.1

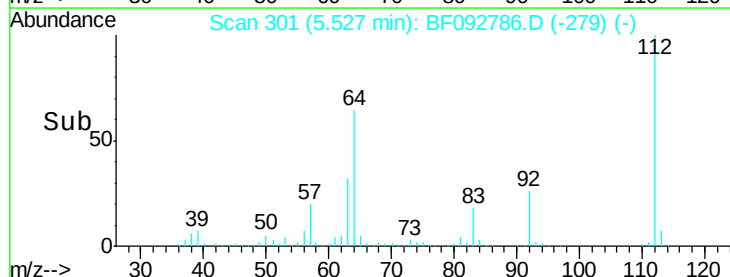
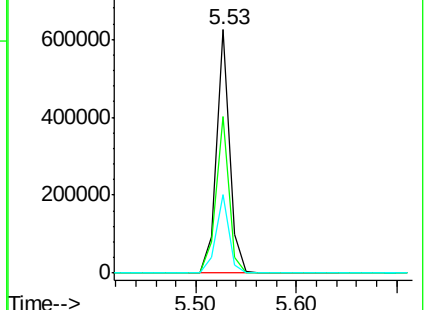
63 32.3 23.8 35.6

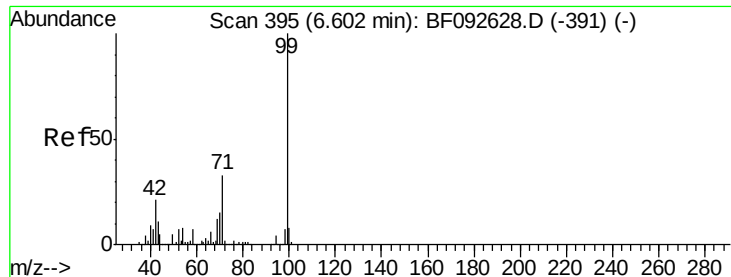


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.52 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092786.D

Acq: 3 Feb 2017 20:16

Instrument :

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MW-20

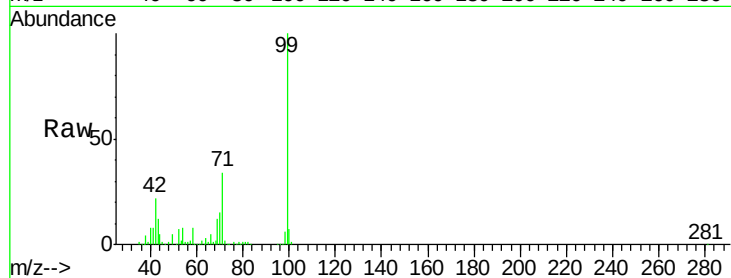
Tgt Ion: 99 Resp: 451545

Ion Ratio Lower Upper

99 100

42 22.1 15.6 23.4

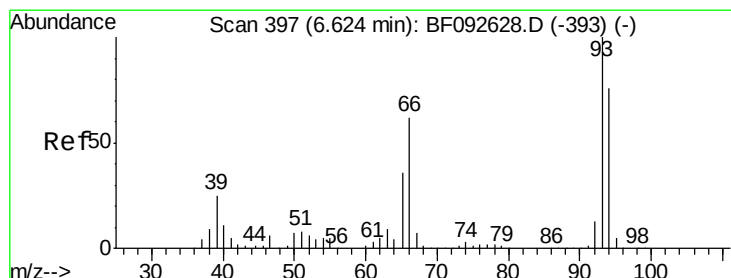
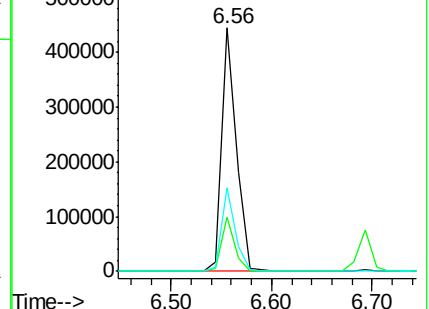
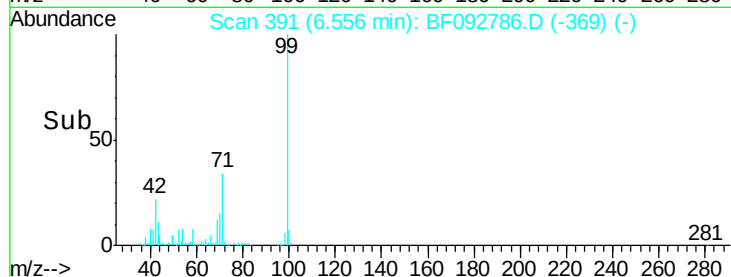
71 34.2 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.54 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.06 min

Lab File: BF092786.D

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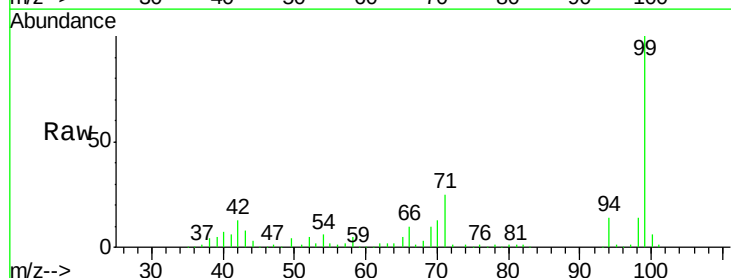
Tgt Ion: 94 Resp: 30095

Ion Ratio Lower Upper

94 100

65 36.8 21.4 61.4

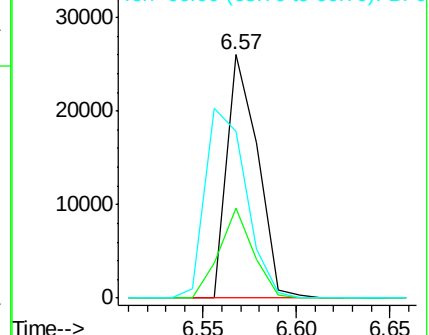
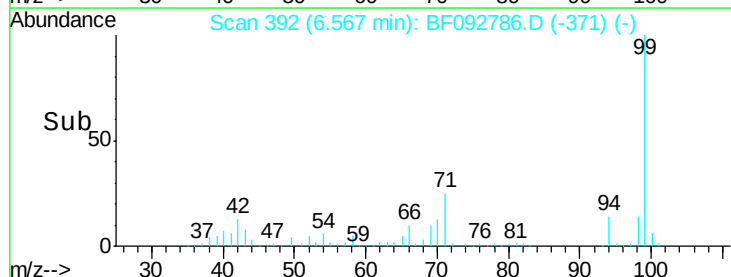
66 68.5 44.0 84.0

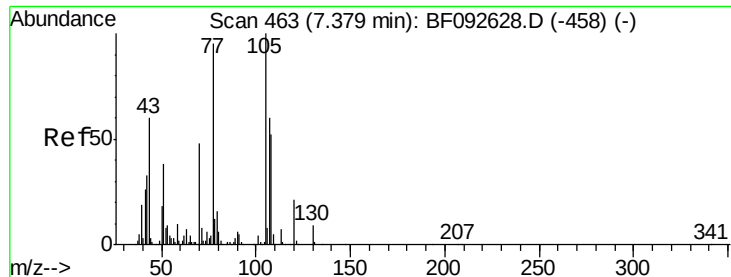


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

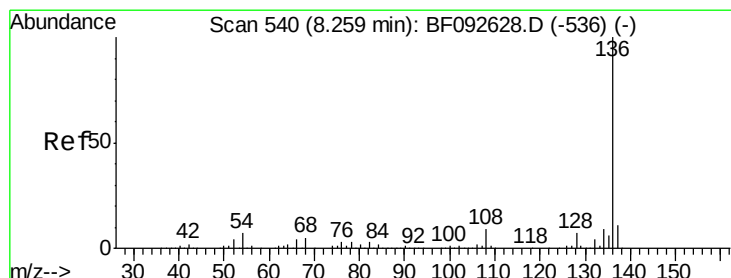
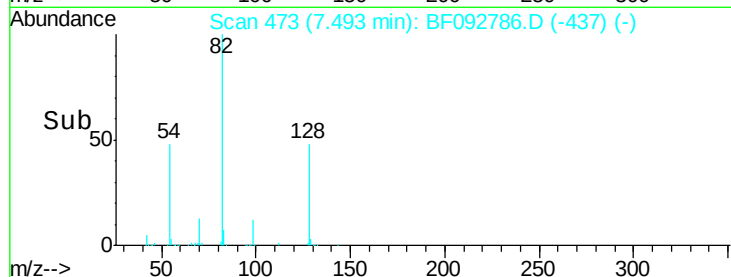
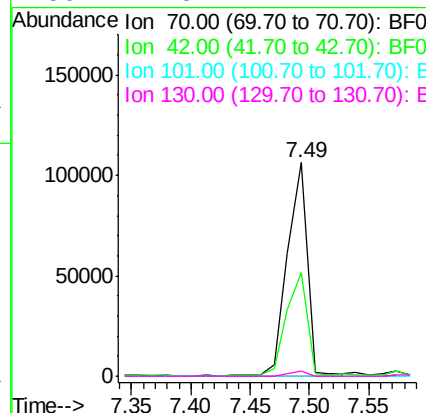
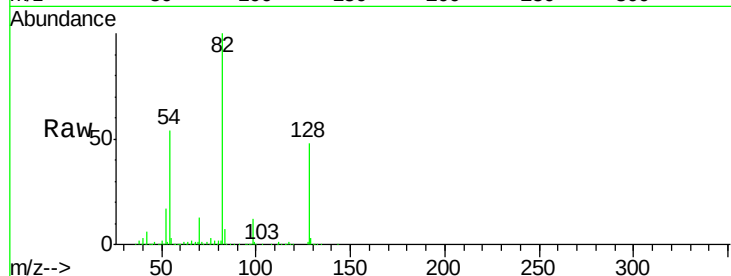




#19
n-Nitroso-di-n-propylamine
Concen: 19.16 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.11 min
Lab File: BF092786.D
Acq: 3 Feb 2017 20:16

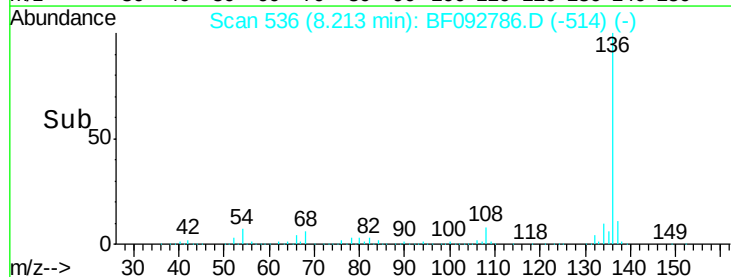
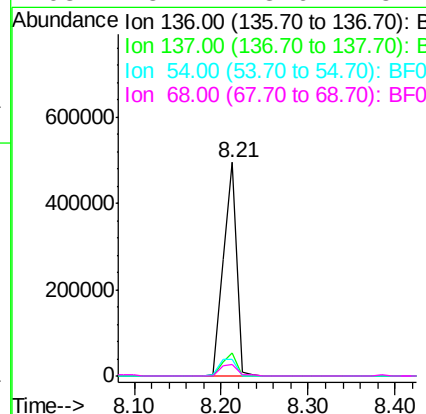
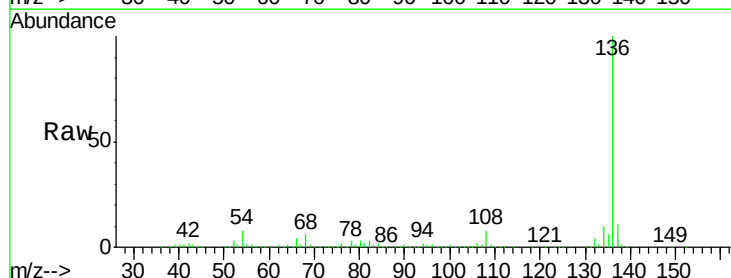
Instrument :
BNA_F
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MW-20

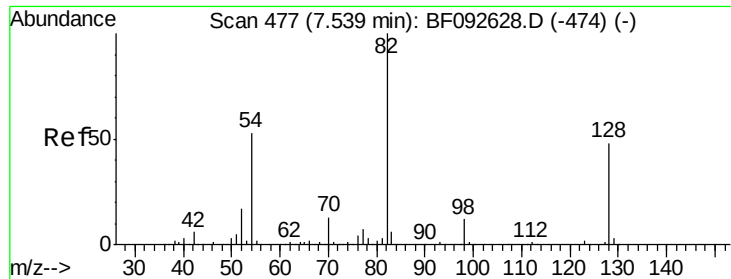
Tgt Ion:	70	Resp:	123668
Ion	Ratio	Lower	Upper
70	100		
42	48.5	49.4	74.0#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF092786.D
Acq: 3 Feb 2017 20:16

Tgt Ion:	136	Resp:	540000
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.6	4.5	6.7#
68	5.7	3.6	5.4#

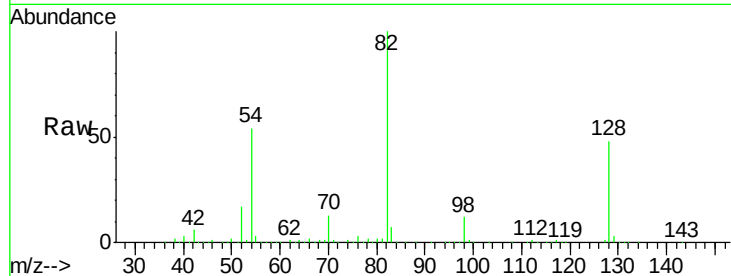




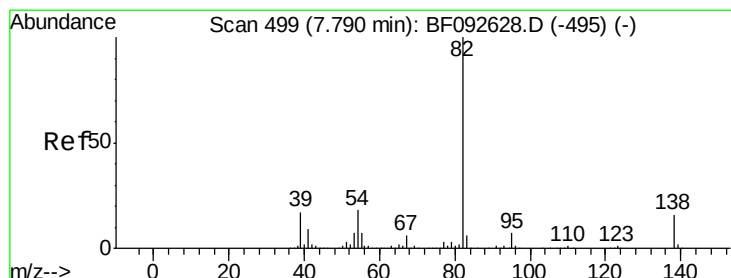
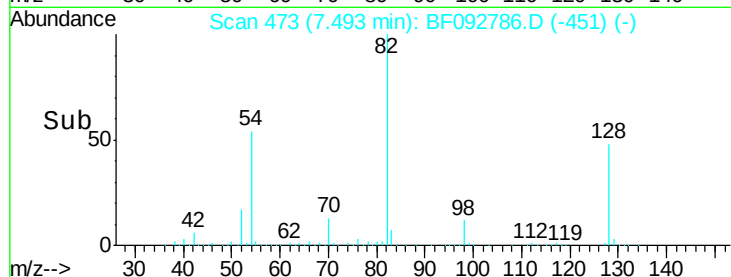
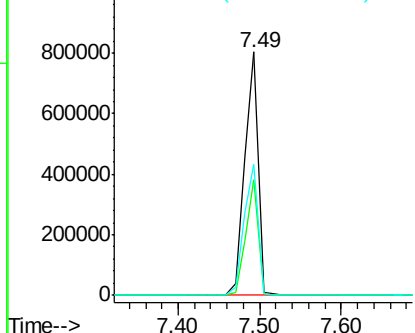
#23
 Nitrobenzene-d5
 Concen: 93.49 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.05 min
 Lab File: BF092786.D
 Acq: 3 Feb 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tgt Ion: 82 Resp: 906565
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.6 52.0
 54 53.8 39.5 59.3

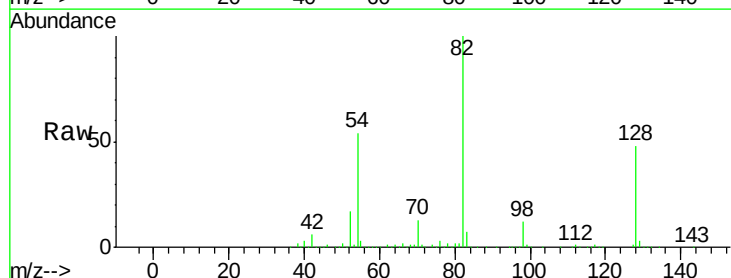


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

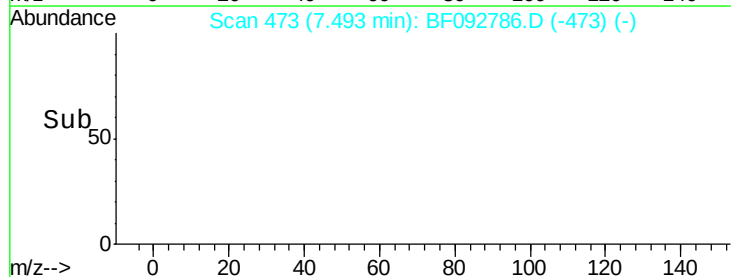
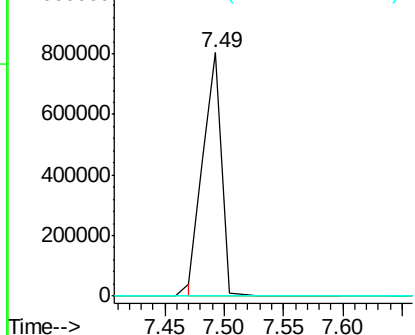


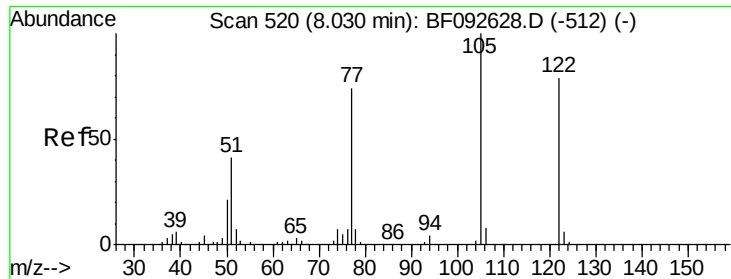
#25
 Isophorone
 Concen: 48.21 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.30 min
 Lab File: BF092786.D
 Acq: 3 Feb 2017 20:16

Tgt Ion: 82 Resp: 871124
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.6 8.4#
 138 0.0 14.6 22.0#



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

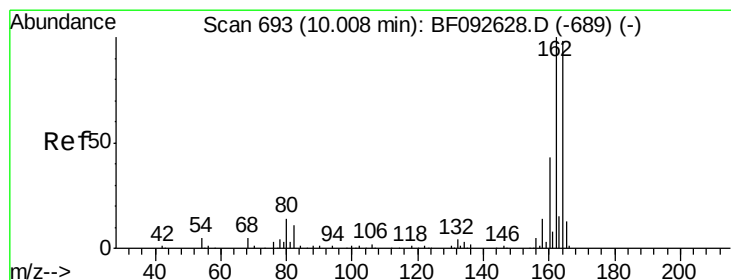
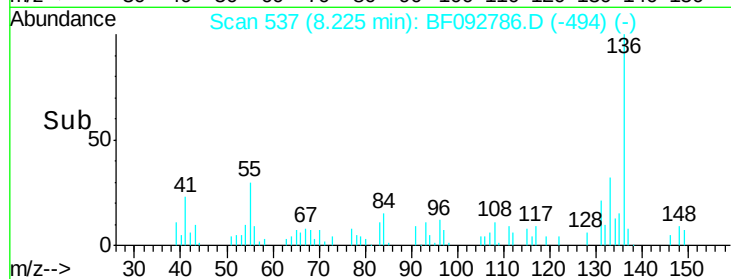
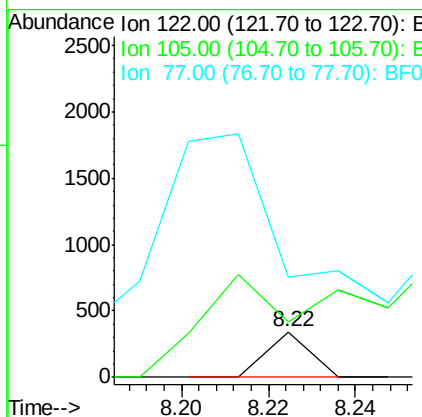
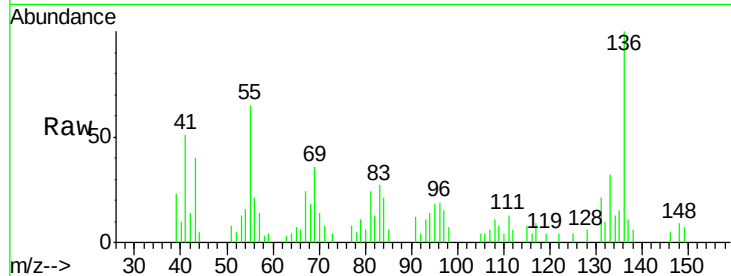




#32
Benzoic acid
Concen: 7.21 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.19 min
Lab File: BF092786.D
Acq: 3 Feb 2017 20:16

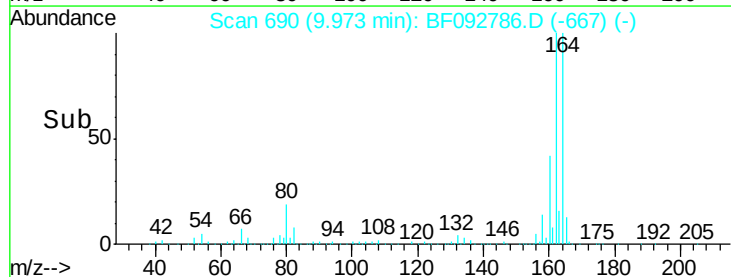
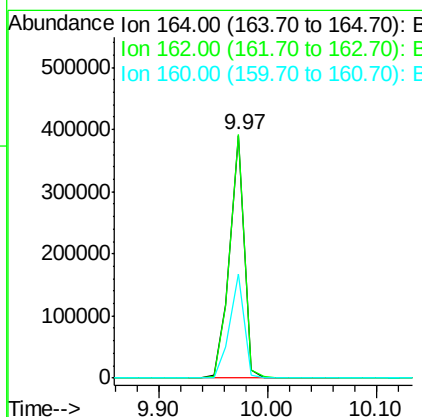
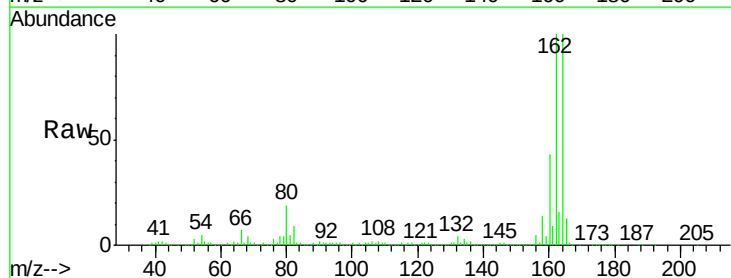
Instrument :
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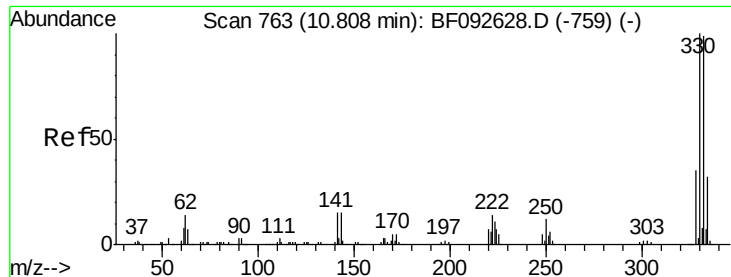
Tgt Ion:122 Resp: 235
Ion Ratio Lower Upper
122 100
105 122.2 107.2 147.2
77 221.6 74.5 114.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF092786.D
Acq: 3 Feb 2017 20:16

Tgt Ion:164 Resp: 360663
Ion Ratio Lower Upper
164 100
162 100.3 80.2 120.2
160 42.9 36.9 55.3

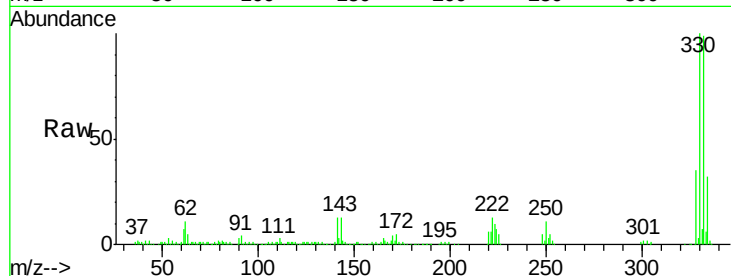




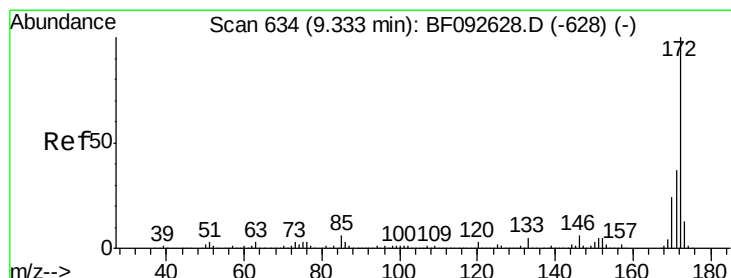
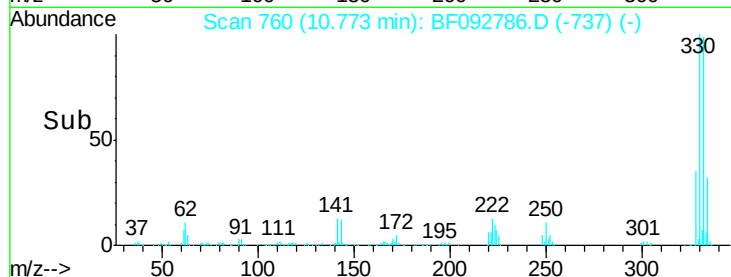
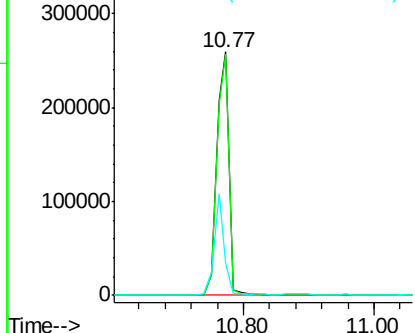
#41
 2,4,6-Tribromophenol
 Concen: 132.87 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092786.D
 Acq: 3 Feb 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tgt Ion:330 Resp: 346607
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.4 116.2
 141 34.2 34.1 51.1

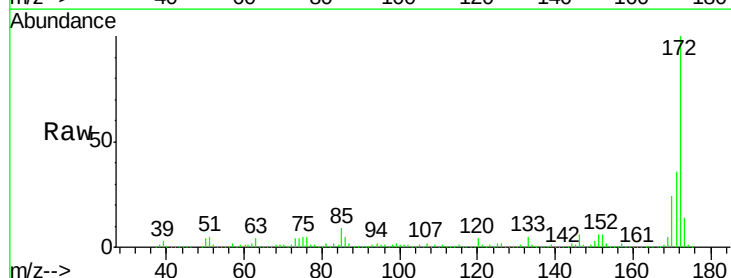


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

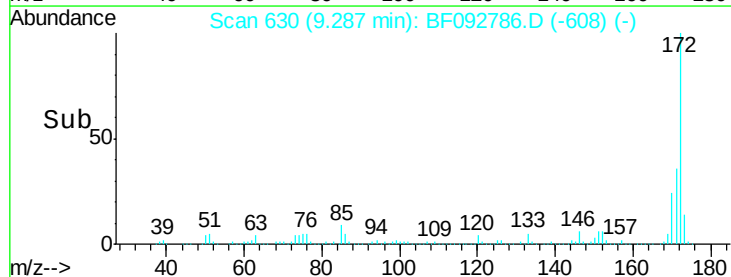
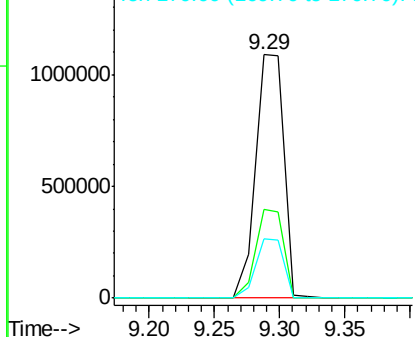


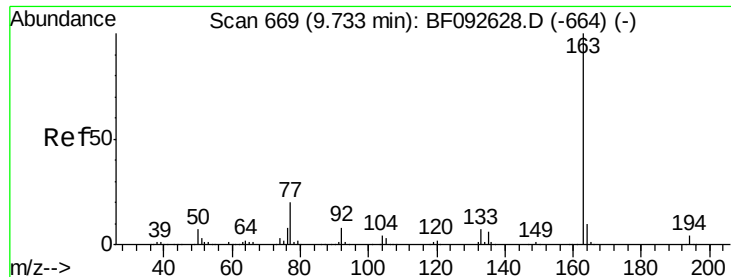
#44
 2-Fluorobiphenyl
 Concen: 82.51 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.05 min
 Lab File: BF092786.D
 Acq: 3 Feb 2017 20:16

Tgt Ion:172 Resp: 1642562
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.4 20.2 30.4



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

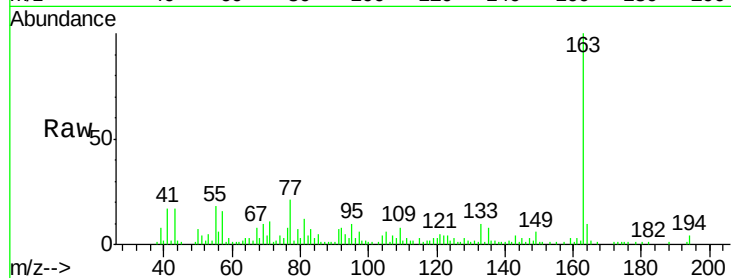




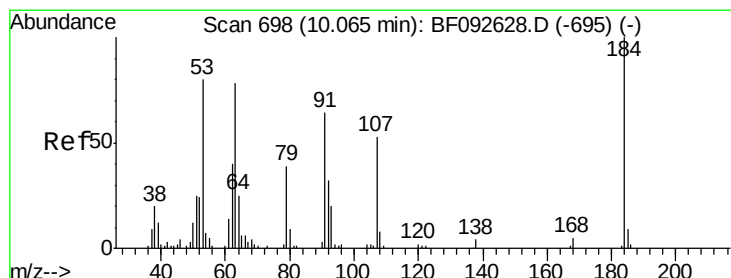
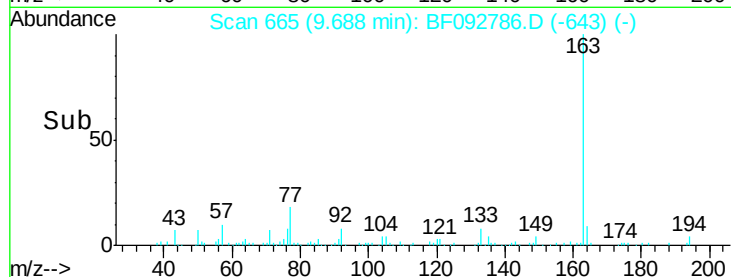
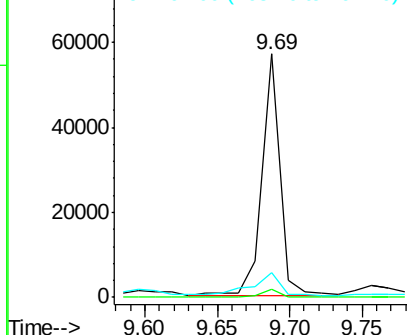
#49
Dimethylphthalate
Concen: 2.03 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF092786.D
Acq: 3 Feb 2017 20:16

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:163 Resp: 49204
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.1 8.0 12.0

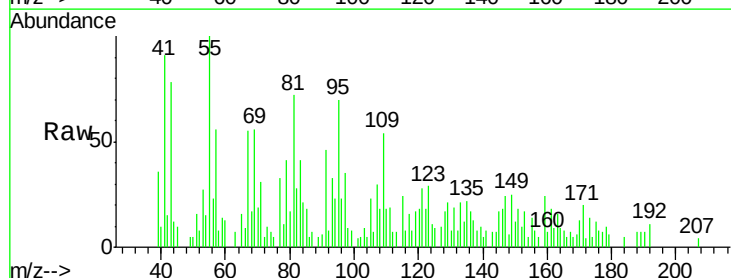


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

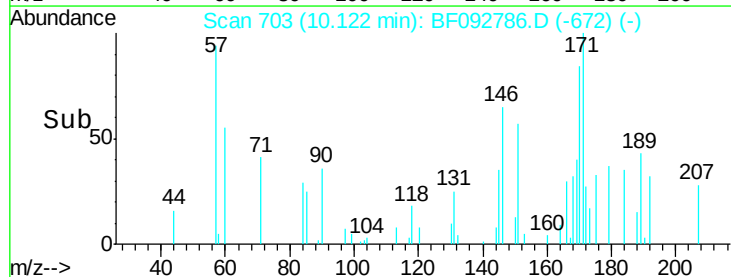
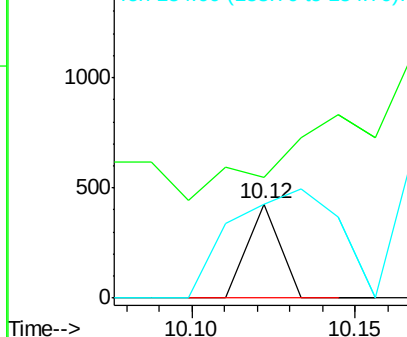


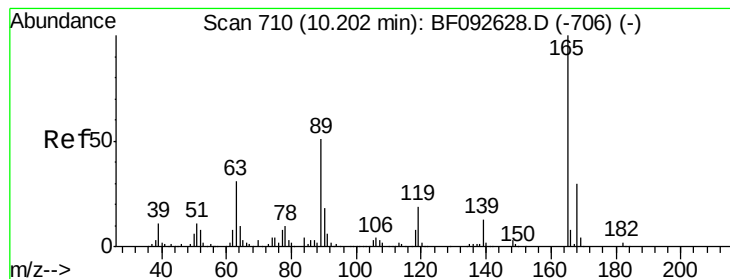
#53
2,4-Dinitrophenol
Concen: 4.84 ng
RT: 10.12 min Scan# 703
Delta R.T. 0.06 min
Lab File: BF092786.D
Acq: 3 Feb 2017 20:16

Tgt Ion:184 Resp: 292
Ion Ratio Lower Upper
184 100
63 127.9 28.4 42.6#
154 99.3 44.3 66.5#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

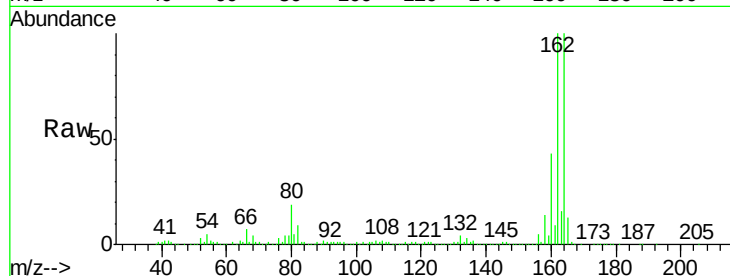




#56
 2,4-Dinitrotoluene
 Concen: 6.84 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.23 min
 Lab File: BF092786.D
 Acq: 3 Feb 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.2	60.4#
89	1.6	62.5	93.7#
182	0.0	1.8	2.8#

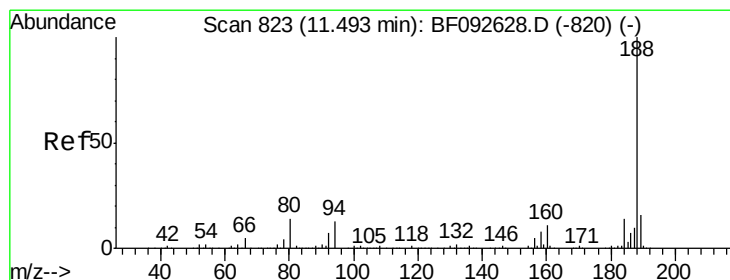
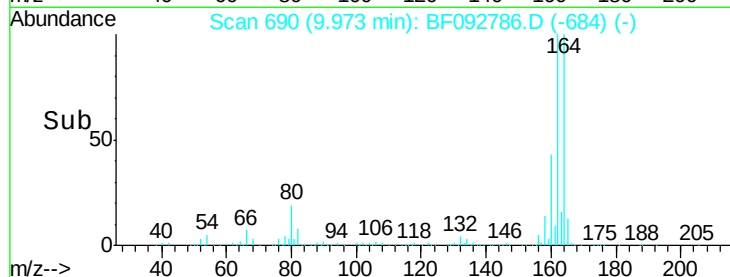
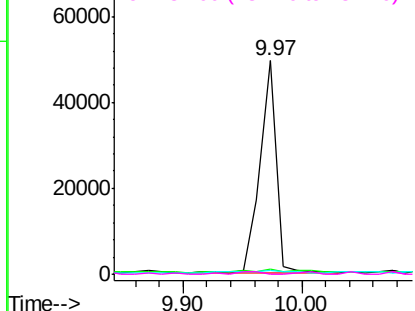


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

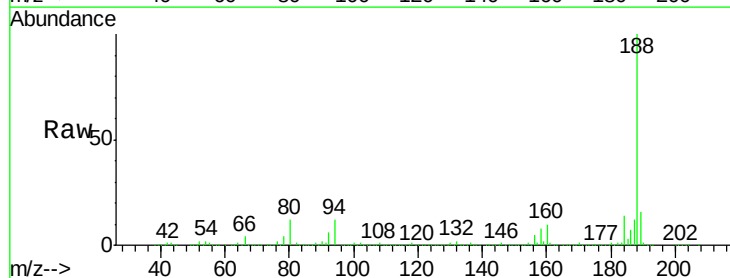
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF092786.D
 Acq: 3 Feb 2017 20:16

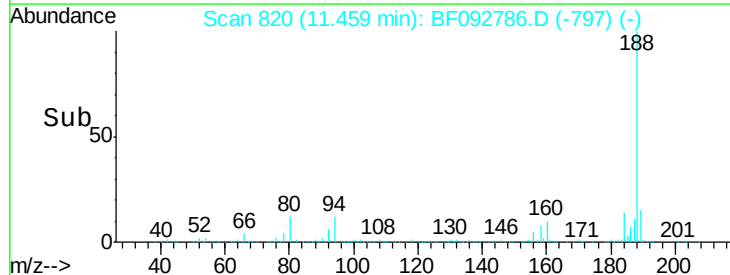
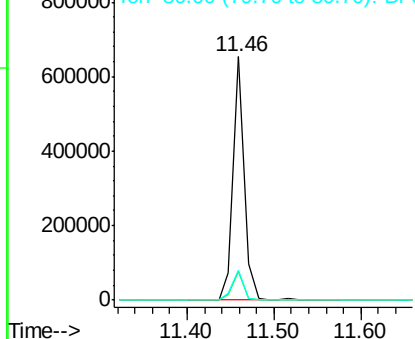
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.9	10.0	15.0
80	12.5	11.2	16.8

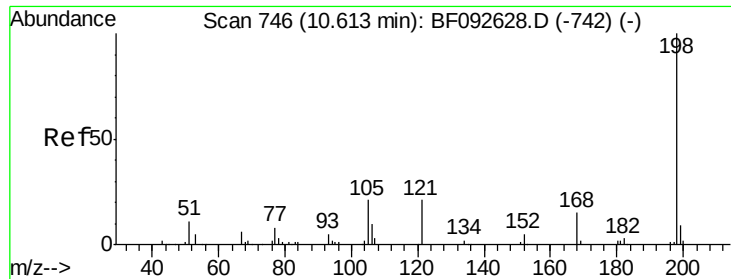


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.90 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF092786.D

Acq: 3 Feb 2017 20:16

Instrument :

BNA_F

ClientSampleId :

MW-20

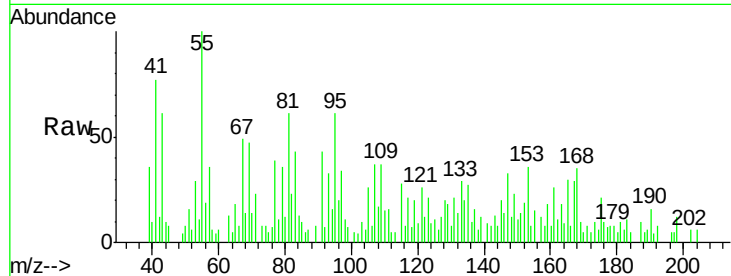
Tgt Ion:198 Resp: 867

Ion Ratio Lower Upper

198 100

51 130.4 6.7 46.7#

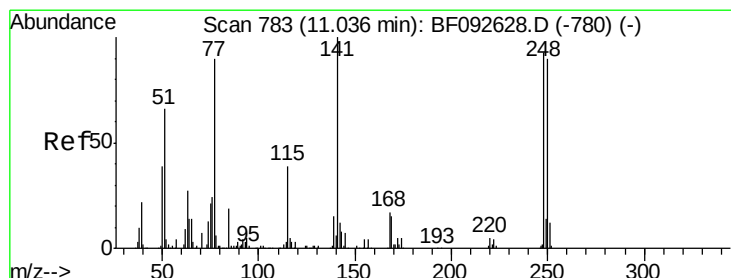
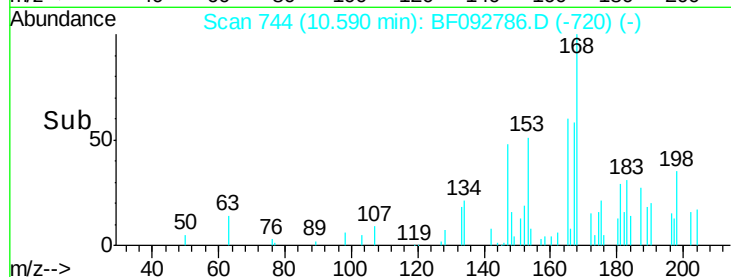
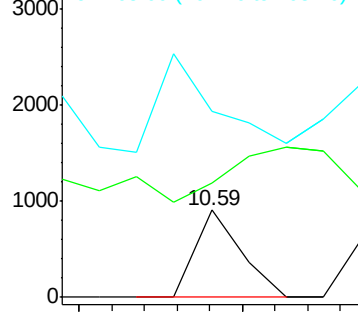
105 213.4 16.6 56.6#



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: 4.08 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.27 min

Lab File: BF092786.D

Acq: 3 Feb 2017 20:16

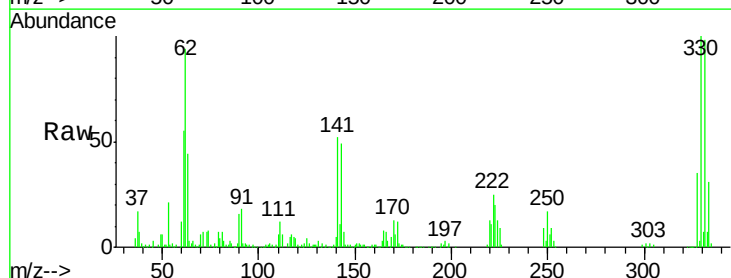
Tgt Ion:248 Resp: 24416

Ion Ratio Lower Upper

248 100

250 190.6 76.9 115.3#

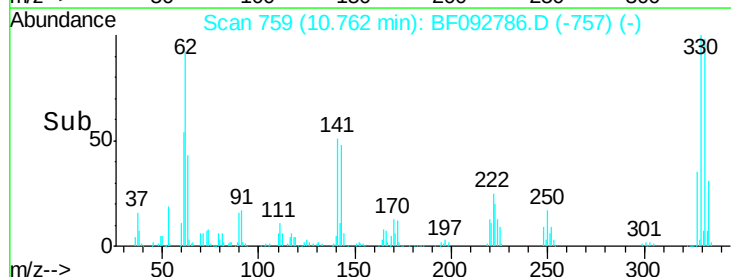
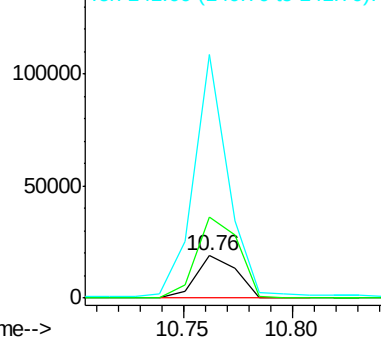
141 573.4 68.2 102.4#

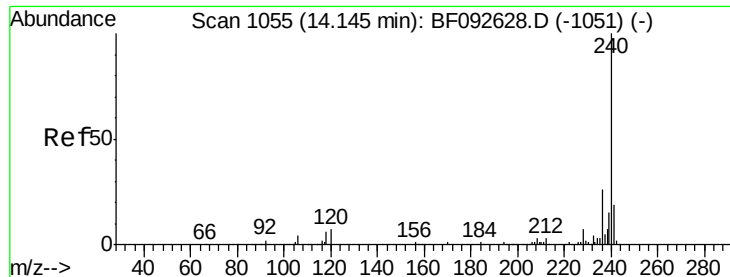


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092786.D

Acq: 3 Feb 2017 20:16

Instrument :

BNA_F

ClientSampleId :

MW-20

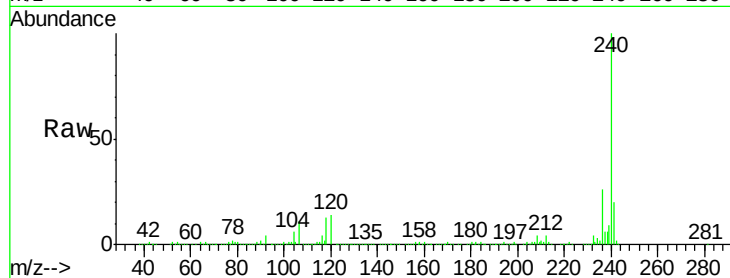
Tgt Ion:240 Resp: 473949

Ion Ratio Lower Upper

240 100

120 14.1 12.9 19.3

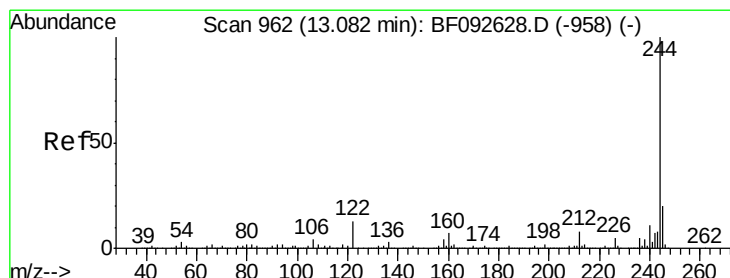
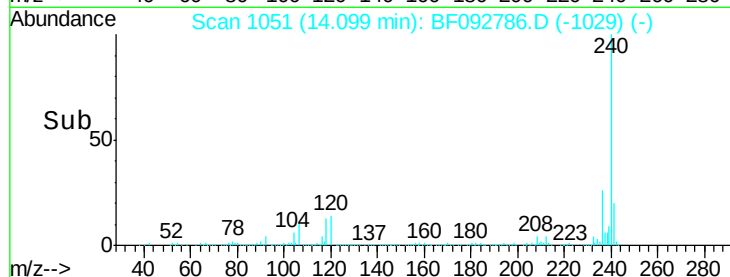
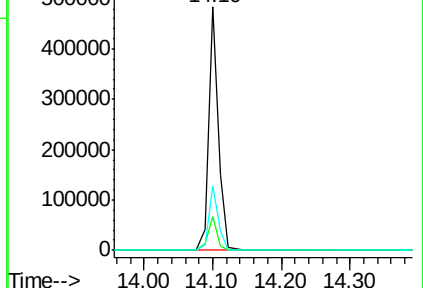
236 26.5 20.9 31.3



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: 71.86 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092786.D

Acq: 3 Feb 2017 20:16

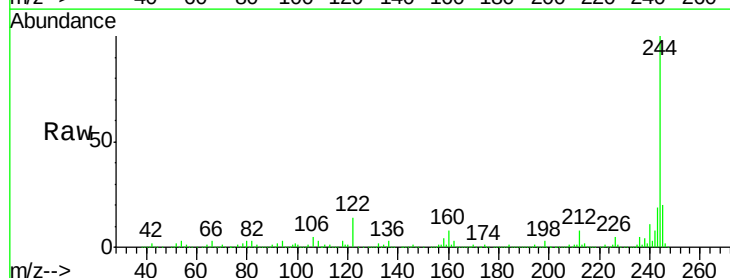
Tgt Ion:244 Resp: 1449571

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

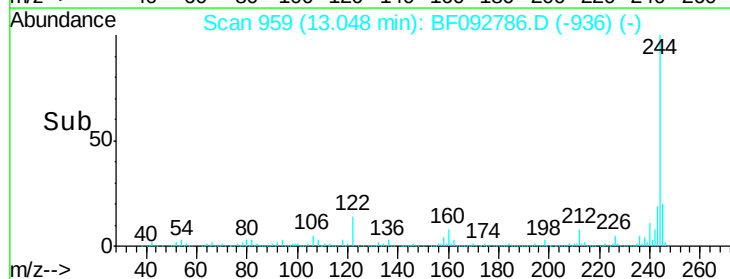
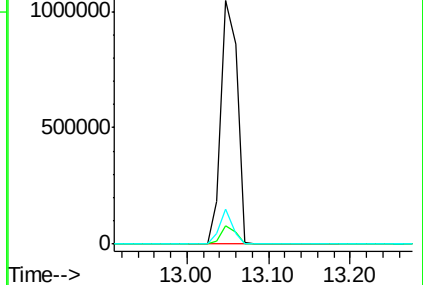
122 14.2 11.4 17.2

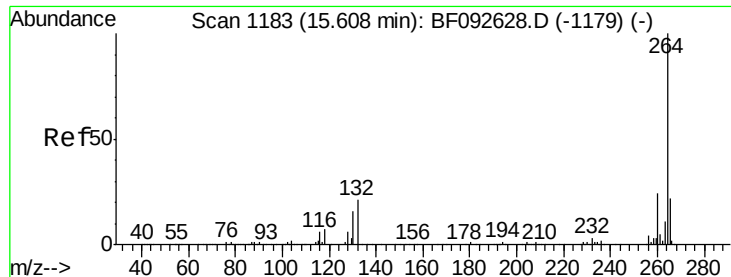


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

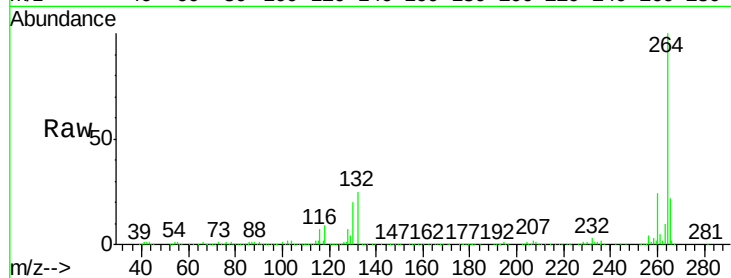




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092786.D
Acq: 3 Feb 2017 20:16

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.4	26.0



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

