

Data Path : Z:\HPCHEM1\BNA_F\Data\BF012516\
 Data File : BF084611.D
 Acq On : 25 Jan 2016 17:04
 Operator : SJ/IZ
 Sample : H1201-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Jan 26 09:25:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

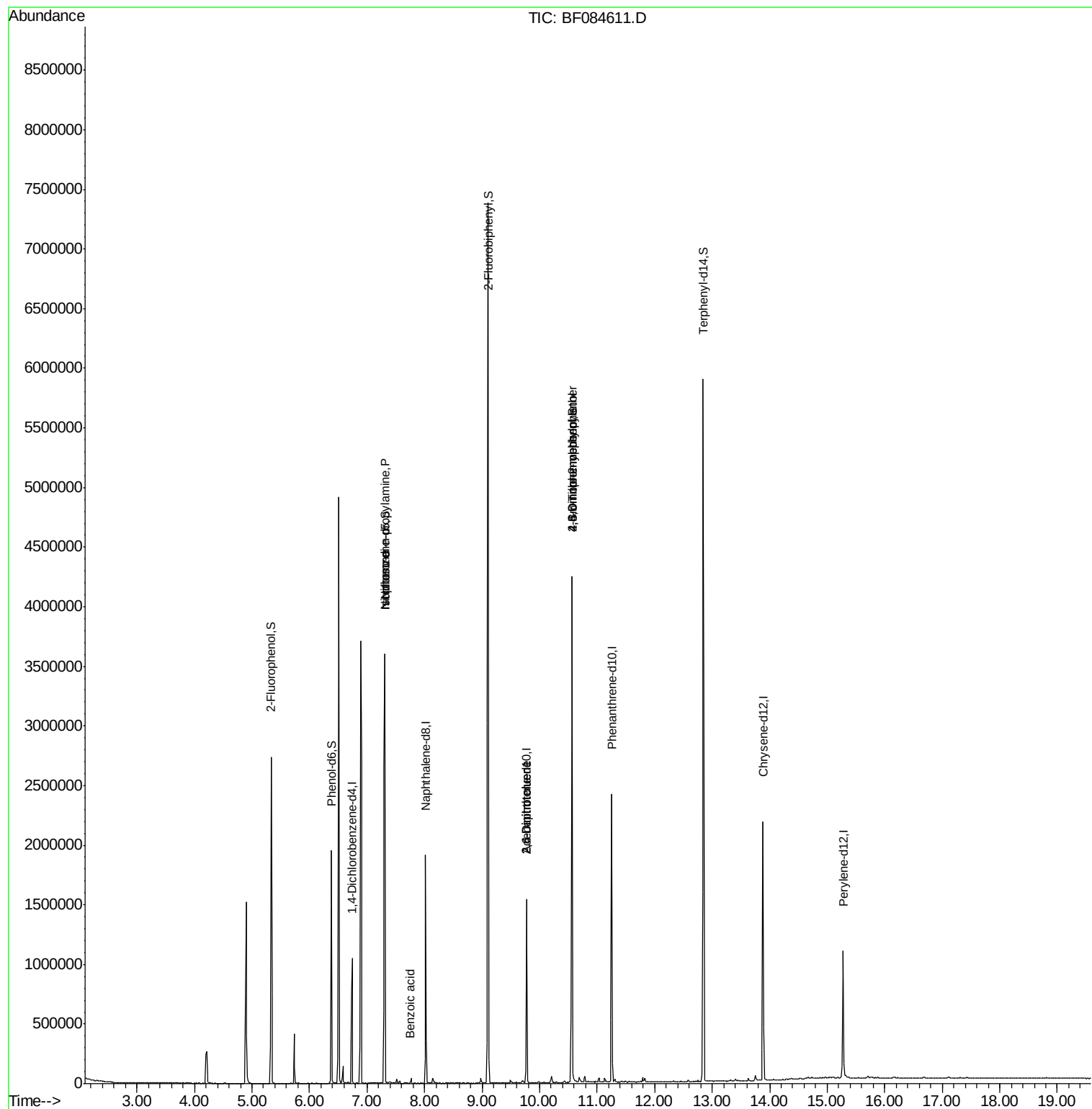
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	206331	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	834517	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	413697	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	833759	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	720857	20.00	ng	-0.01
86) Perylene-d12	15.28	264	568466	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	698180	54.73	ng	0.00
7) Phenol-d6	6.38	99	867872	54.17	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1581700	105.49	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	684227	163.82	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2320774	99.79	ng	0.00
78) Terphenyl-d14	12.84	244	2485835	76.98	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	218520	20.15	ng	# 76
25) Isophorone	7.31	82	1441592	50.27	ng	# 66
32) Benzoic acid	7.74	122	235	6.27	ng	# 83
50) 2,6-Dinitrotoluene	9.77	165	53357	8.23	ng	# 37
54) Dibenzofuran	9.97	168	481	Below Cal		# 43
56) 2,4-Dinitrotoluene	9.77	165	53357	6.50	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.57	198	1816	6.68	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	44441	4.95	ng	# 1
73) Di-n-butylphthalate	11.82	149	13661	Below Cal		# 97

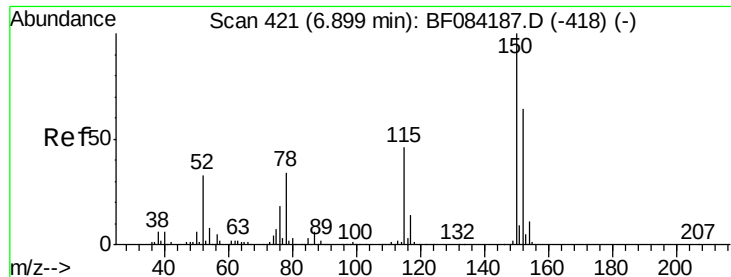
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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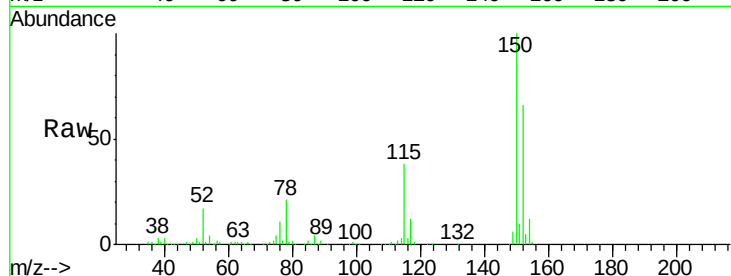


#1

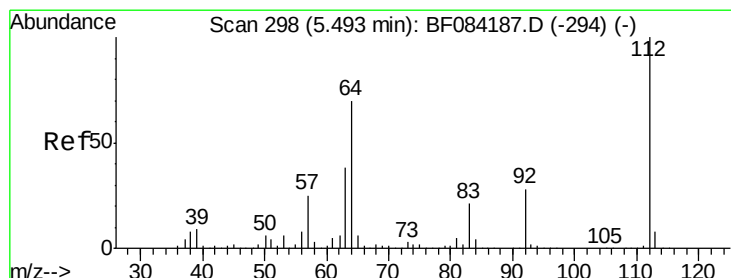
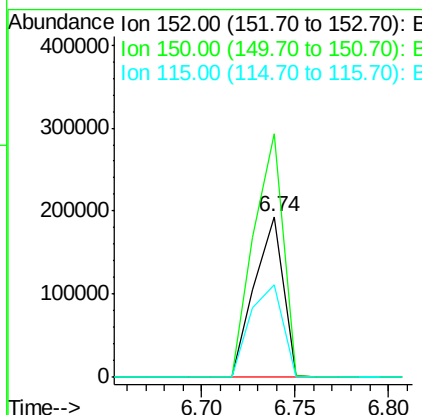
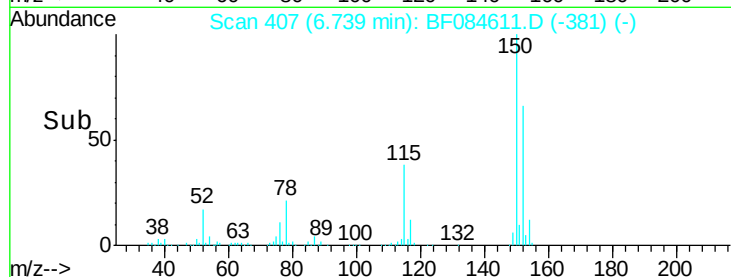
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF084611.D
Acq: 25 Jan 2016 17:04

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:152 Resp: 206331
Ion Ratio Lower Upper
152 100
150 151.5 123.0 184.4
115 57.7 51.4 77.2



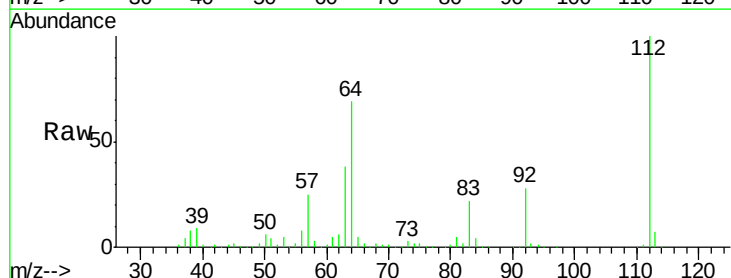
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



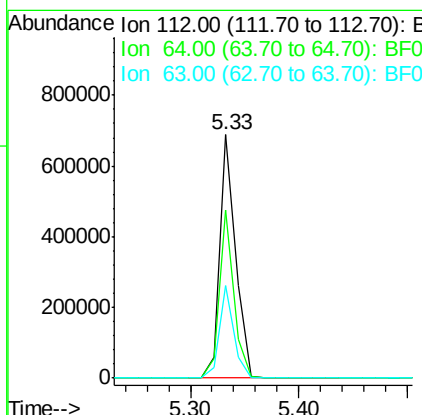
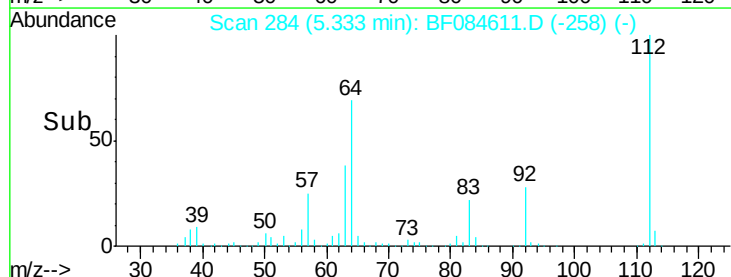
#5

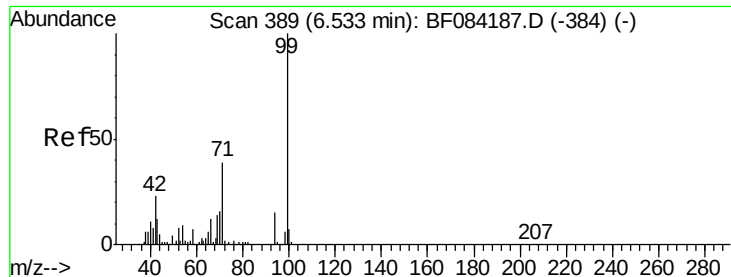
2-Fluorophenol
Concen: 54.73 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.00 min
Lab File: BF084611.D
Acq: 25 Jan 2016 17:04

Tgt Ion:112 Resp: 698180
Ion Ratio Lower Upper
112 100
64 69.3 36.6 55.0#
63 38.1 19.4 29.0#



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: 54.17 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF084611.D

Acq: 25 Jan 2016 17:04

Instrument :

BNA_F

ClientSampleId :

MW-04

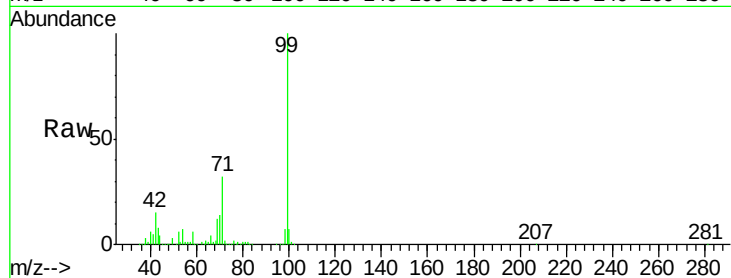
Tgt Ion: 99 Resp: 867872

Ion Ratio Lower Upper

99 100

42 15.5 12.8 19.2

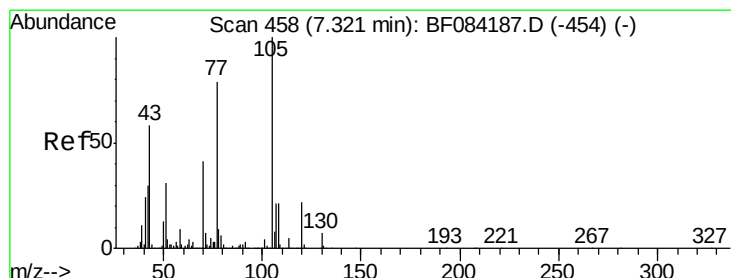
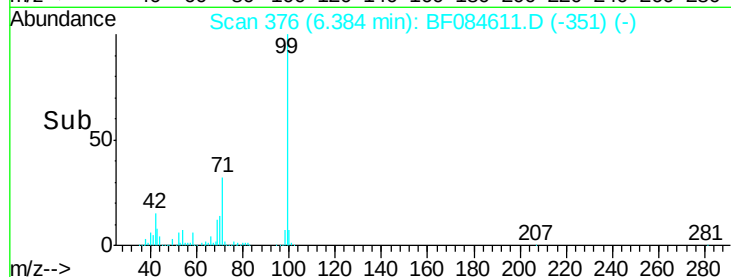
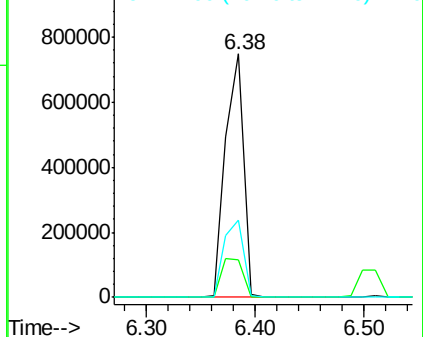
71 31.5 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 20.15 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.14 min

Lab File: BF084611.D

Acq: 25 Jan 2016 17:04

Tgt Ion: 70 Resp: 218520

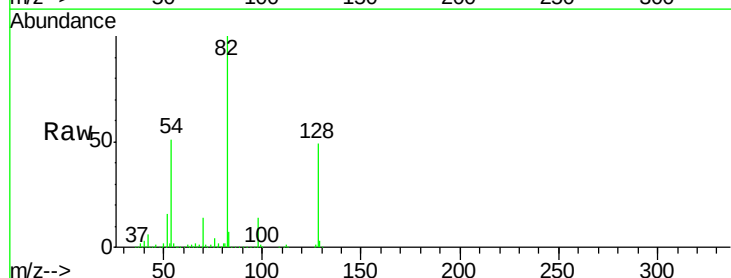
Ion Ratio Lower Upper

70 100

42 43.6 33.3 49.9

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#

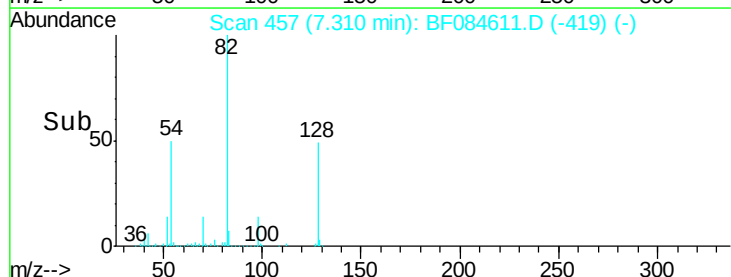
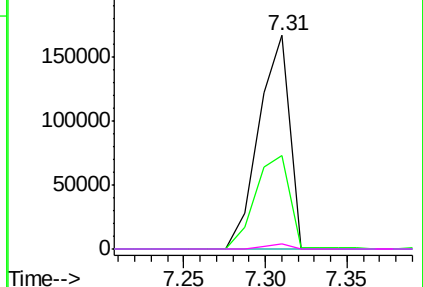


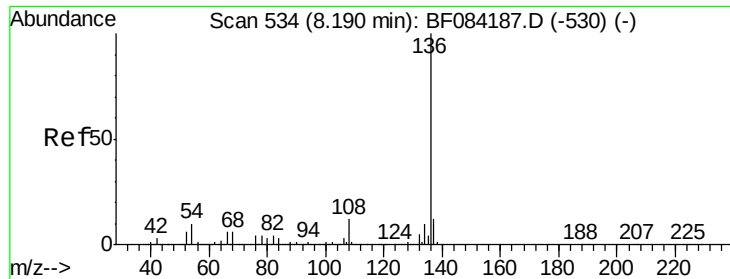
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

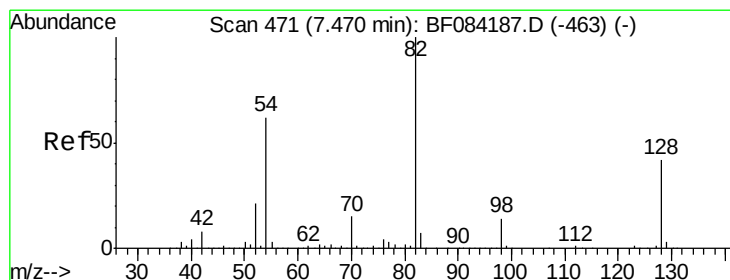
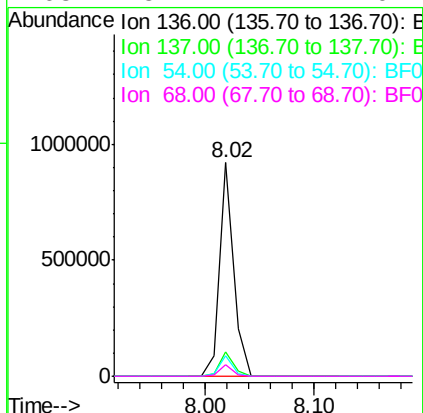
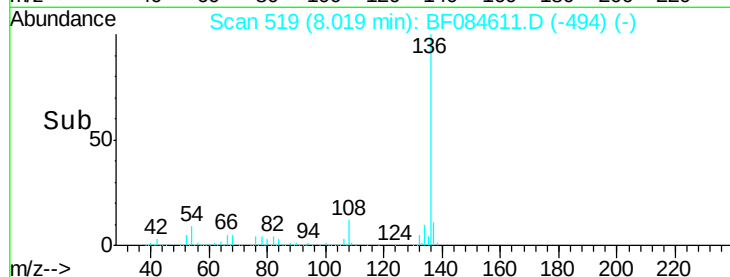
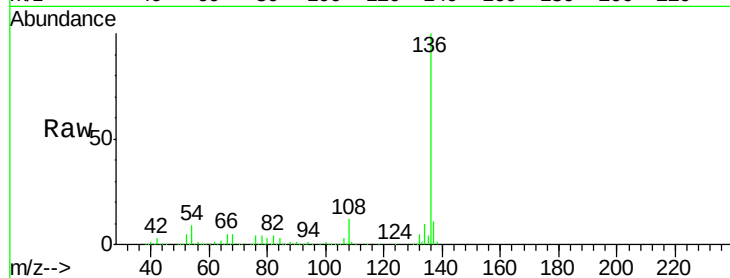




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF084611.D
Acq: 25 Jan 2016 17:04

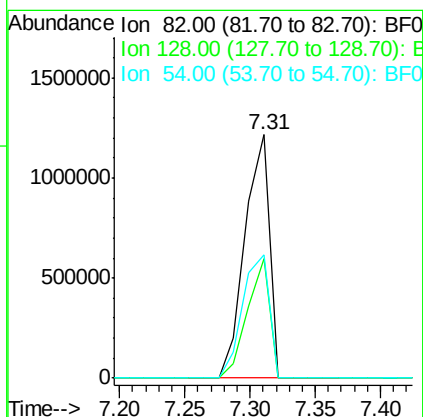
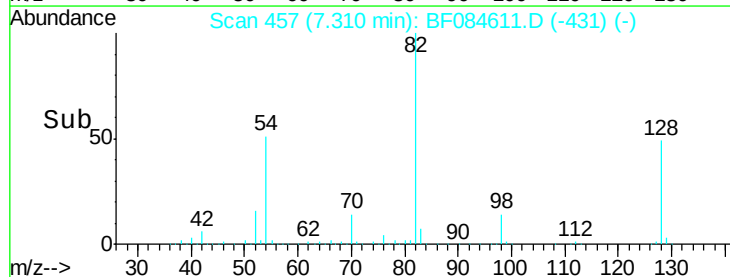
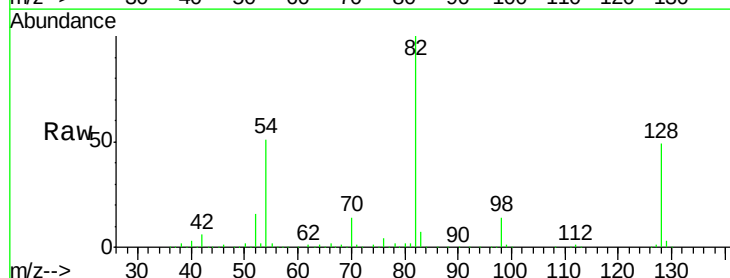
Instrument :
BNA_F
ClientSampleId :
MW-04

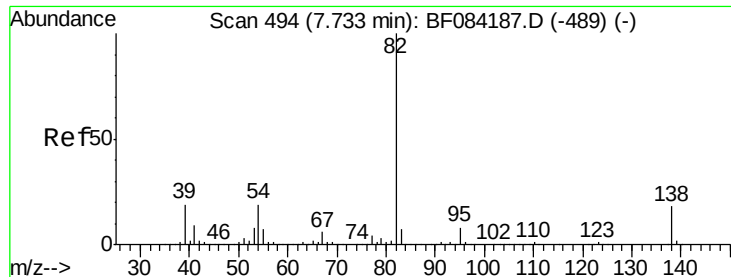
Tgt Ion:	136	Resp:	834517
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.4	5.8	8.8#
68	5.1	4.2	6.2



#23
Nitrobenzene-d5
Concen: 105.49 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084611.D
Acq: 25 Jan 2016 17:04

Tgt Ion:	82	Resp:	1581700
Ion	Ratio	Lower	Upper
82	100		
128	49.2	34.6	51.8
54	50.8	38.4	57.6





#25

Isophorone

Concen: 50.27 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.26 min

Lab File: BF084611.D

Acq: 25 Jan 2016 17:04

Instrument :

BNA_F

ClientSampleId :

MW-04

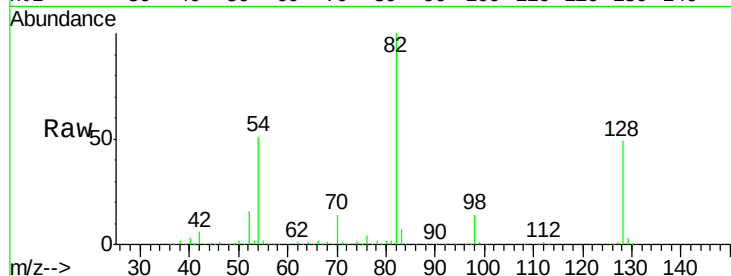
Tgt Ion: 82 Resp: 1441592

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

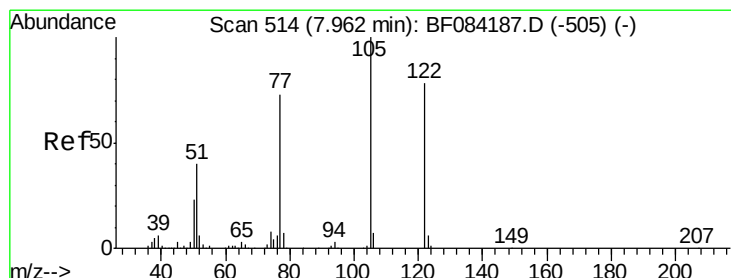
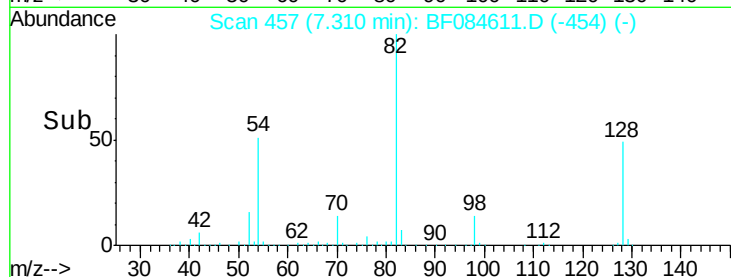
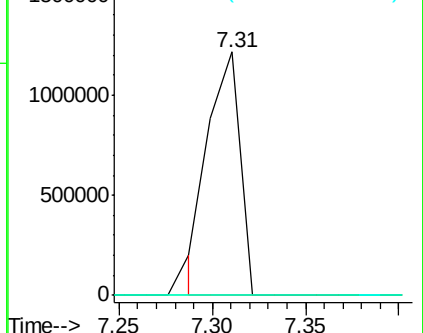
138 0.0 13.6 20.4#



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: 6.27 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.10 min

Lab File: BF084611.D

Acq: 25 Jan 2016 17:04

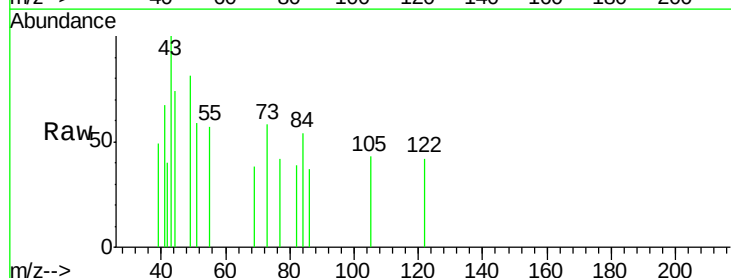
Tgt Ion: 122 Resp: 235

Ion Ratio Lower Upper

122 100

105 102.3 100.3 140.3

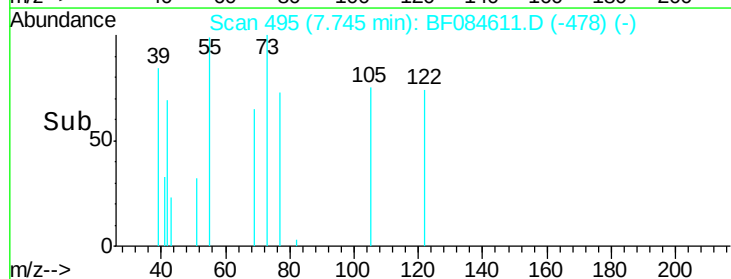
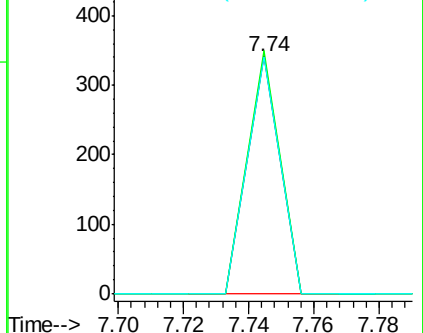
77 99.4 63.5 103.5

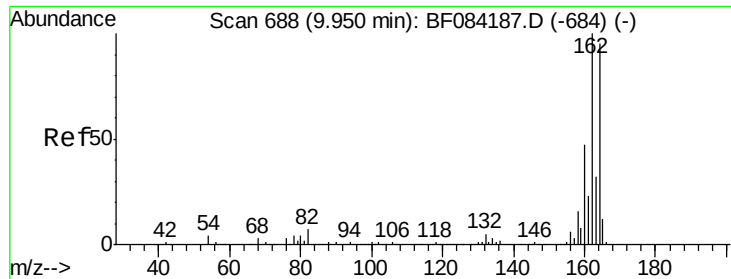


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF084611.D

Acq: 25 Jan 2016 17:04

Instrument :

BNA_F

ClientSampleId :

MW-04

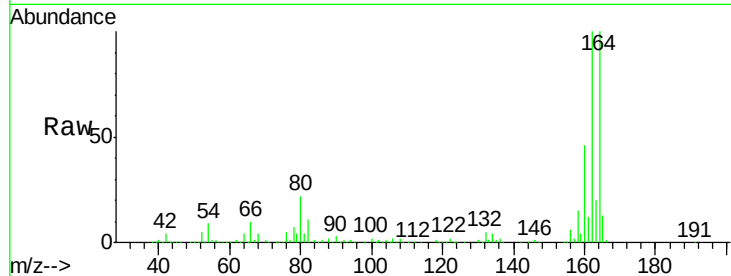
Tgt Ion:164 Resp: 413697

Ion Ratio Lower Upper

164 100

162 100.1 85.1 127.7

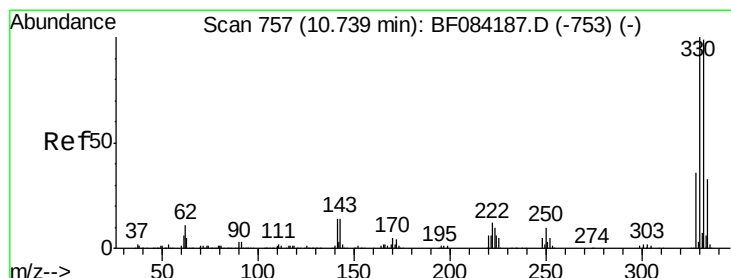
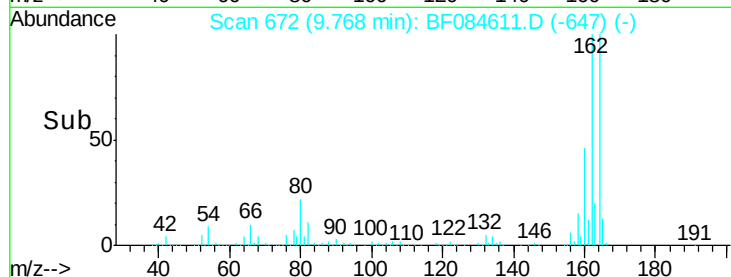
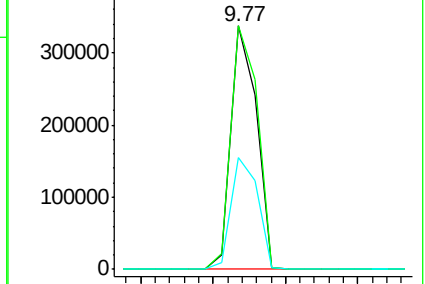
160 45.7 37.5 56.3



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: 163.82 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF084611.D

Acq: 25 Jan 2016 17:04

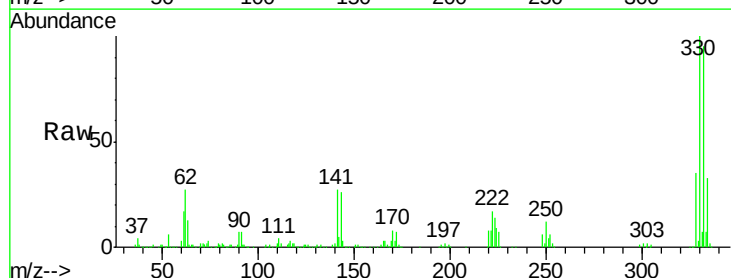
Tgt Ion:330 Resp: 684227

Ion Ratio Lower Upper

330 100

332 95.9 76.6 114.8

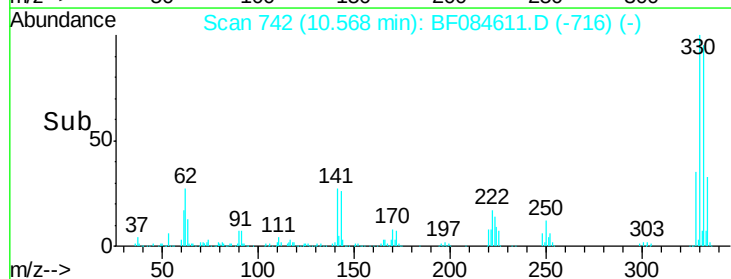
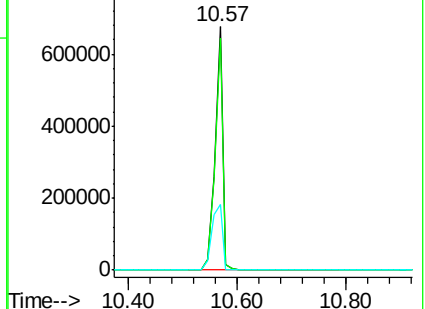
141 37.1 27.8 41.6

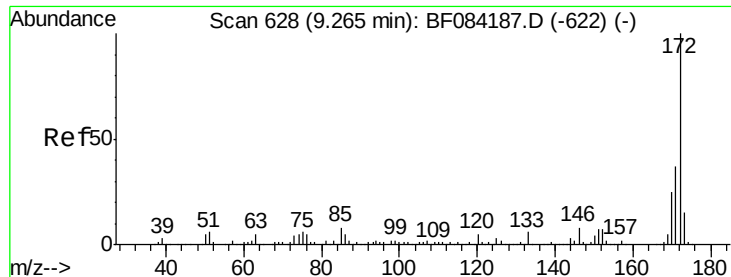


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

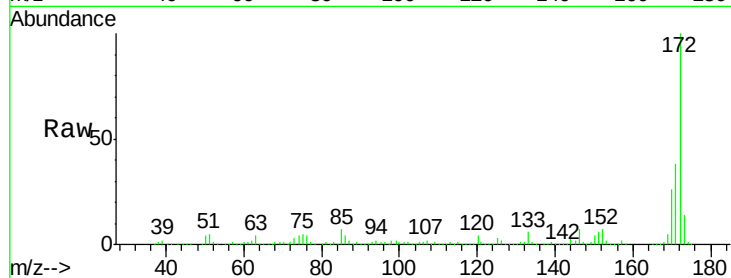




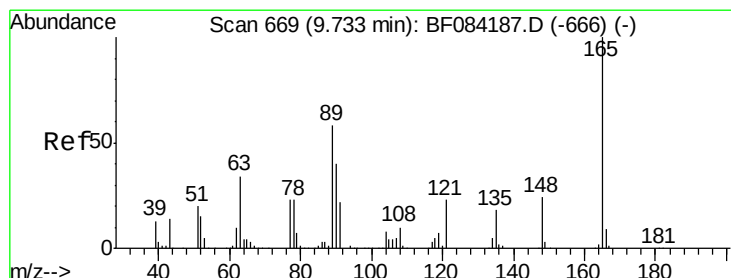
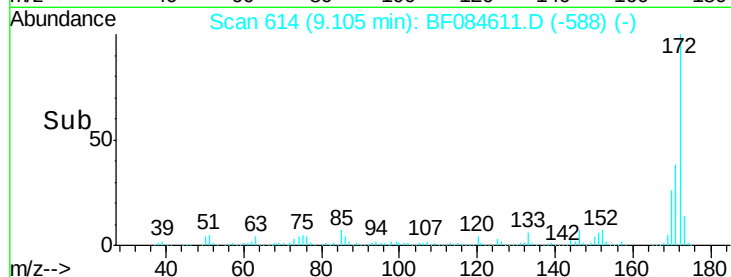
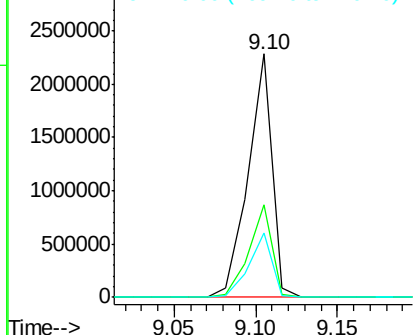
#44
 2-Fluorobiphenyl
 Concen: 99.79 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084611.D
 Acq: 25 Jan 2016 17:04

Instrument :
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Tgt Ion:172 Resp: 2320774
 Ion Ratio Lower Upper
 172 100
 171 38.1 28.9 43.3
 170 26.2 18.6 27.8

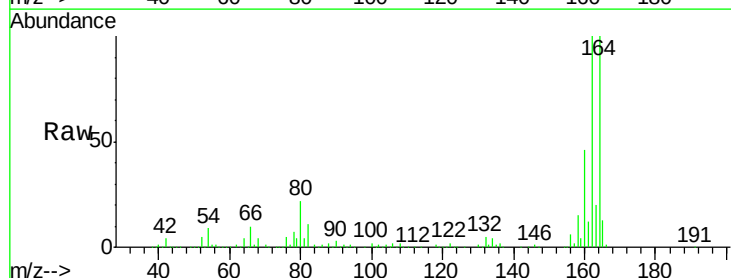


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

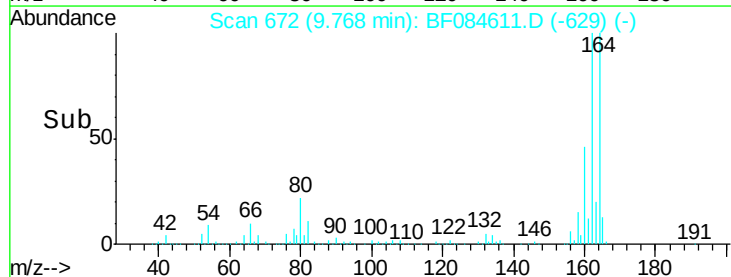
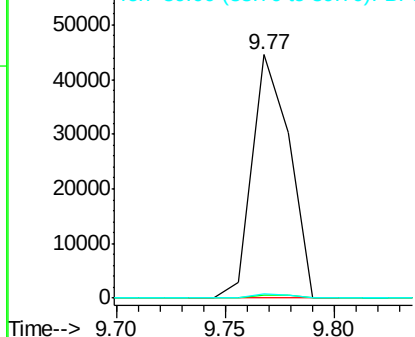


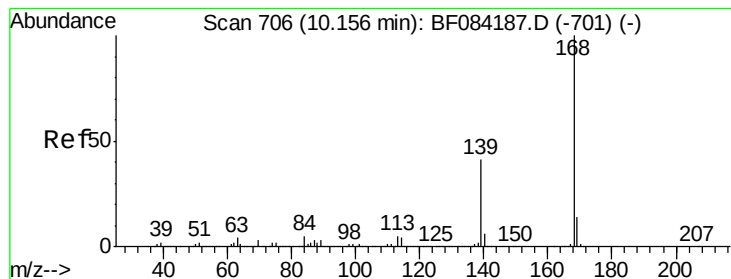
#50
 2,6-Dinitrotoluene
 Concen: 8.23 ng
 RT: 9.77 min Scan# 672
 Delta R.T. 0.19 min
 Lab File: BF084611.D
 Acq: 25 Jan 2016 17:04

Tgt Ion:165 Resp: 53357
 Ion Ratio Lower Upper
 165 100
 63 1.1 28.8 43.2#
 89 1.6 35.1 52.7#



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





#54

Dibenzofuran

Concen: Below Cal

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084611.D

Acq: 25 Jan 2016 17:04

Instrument :

BNA_F

ClientSampleId :

MW-04

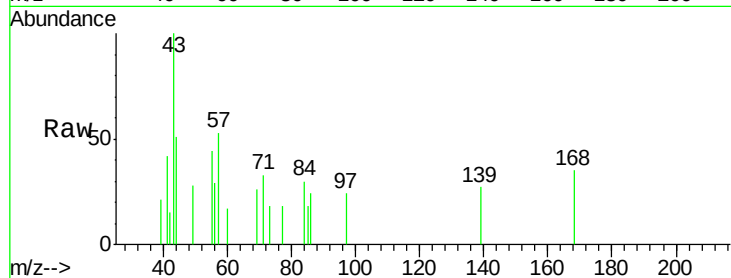
Tgt Ion:168 Resp: 481

Ion Ratio Lower Upper

168 100

139 77.6 30.5 45.7#

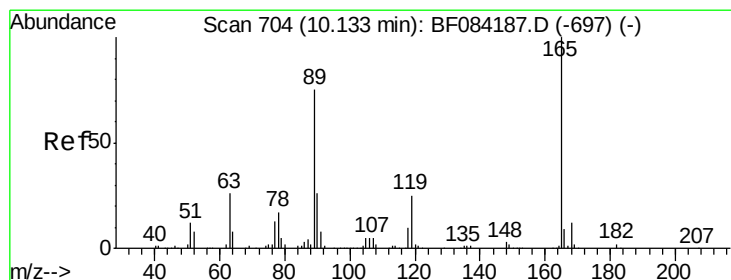
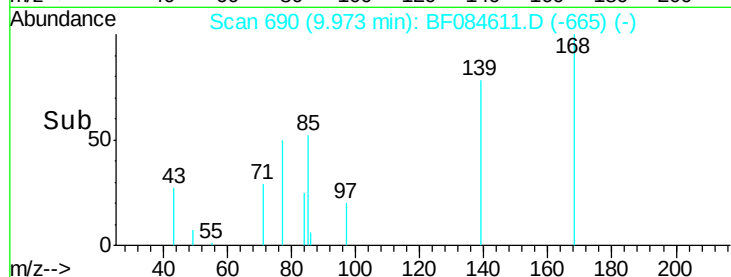
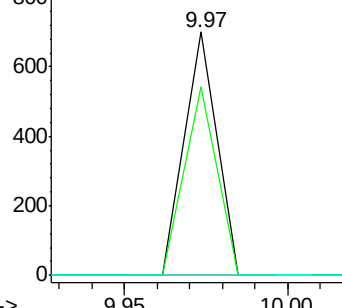
169 0.0 10.4 15.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

2,4-Dinitrotoluene

Concen: 6.50 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.21 min

Lab File: BF084611.D

Acq: 25 Jan 2016 17:04

Tgt Ion:165 Resp: 53357

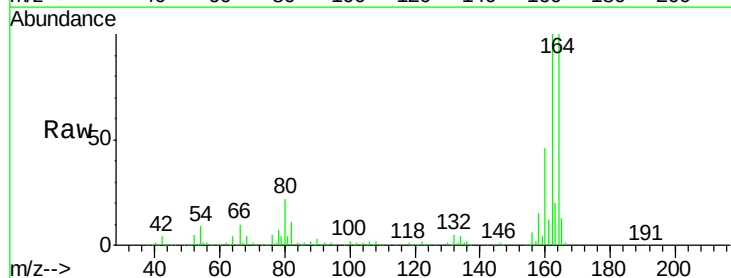
Ion Ratio Lower Upper

165 100

63 1.1 36.7 55.1#

89 1.6 61.9 92.9#

182 0.0 2.0 3.0#

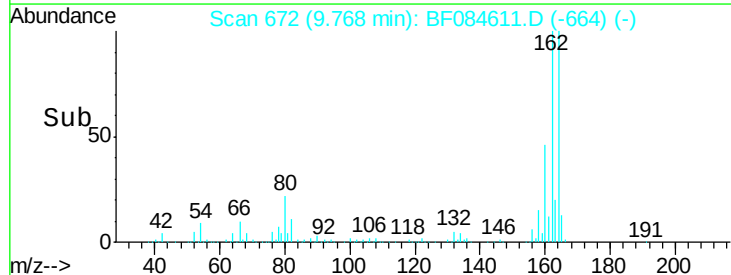
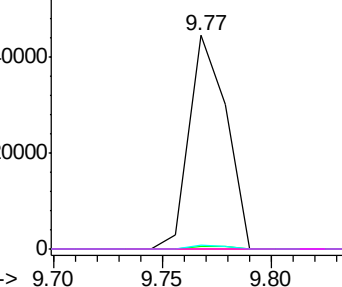


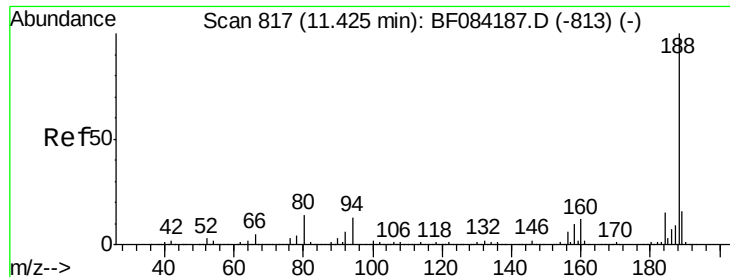
Abundance Ion 165.00 (164.70 to 165.70): E

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

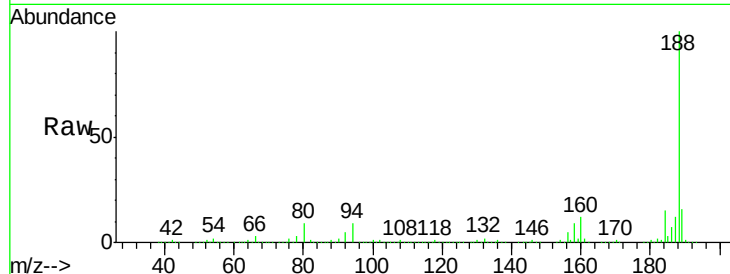




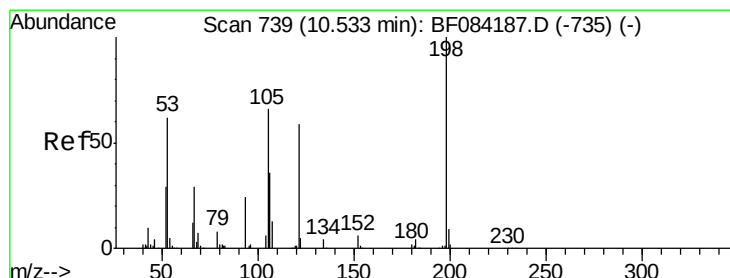
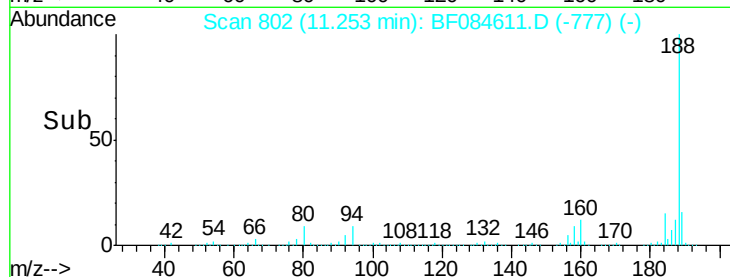
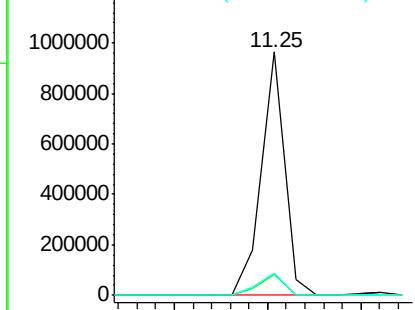
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF084611.D
Acq: 25 Jan 2016 17:04

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:188 Resp: 833759
Ion Ratio Lower Upper
188 100
94 8.8 9.0 13.4#
80 9.0 9.6 14.4#

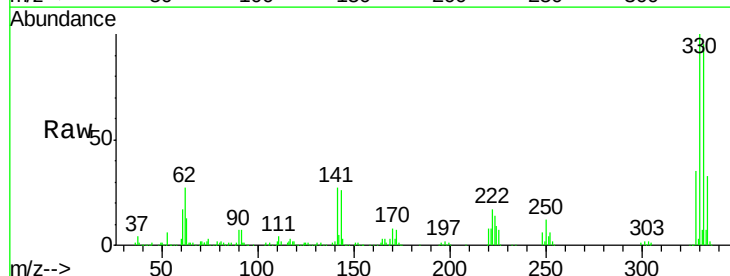


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

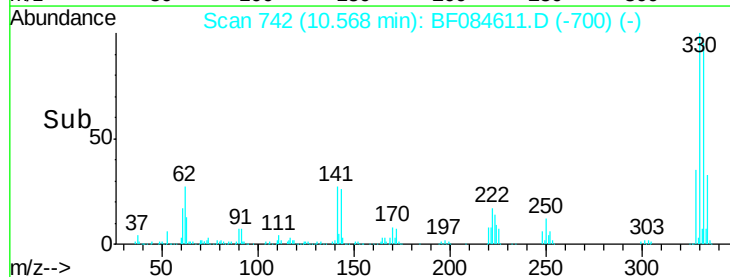
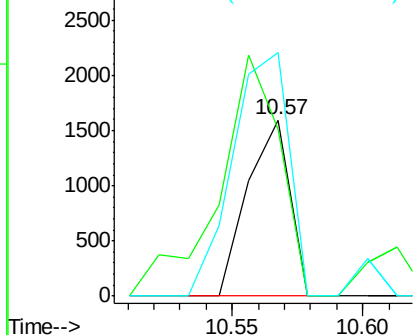


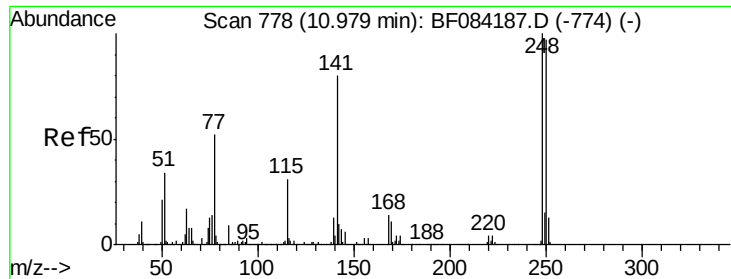
#64
4,6-Dinitro-2-methylphenol
Concen: 6.68 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.18 min
Lab File: BF084611.D
Acq: 25 Jan 2016 17:04

Tgt Ion:198 Resp: 1816
Ion Ratio Lower Upper
198 100
51 94.8 18.9 58.9#
105 138.2 26.4 66.4#



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

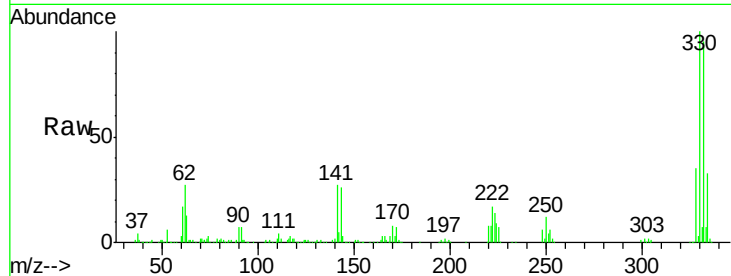




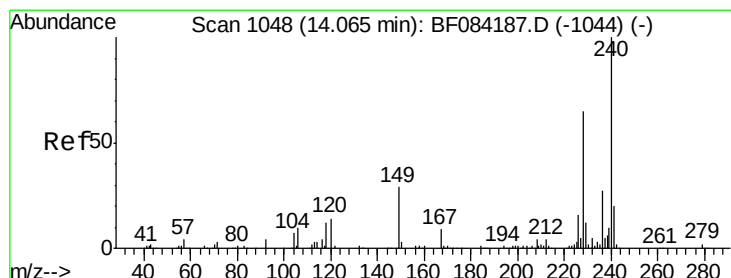
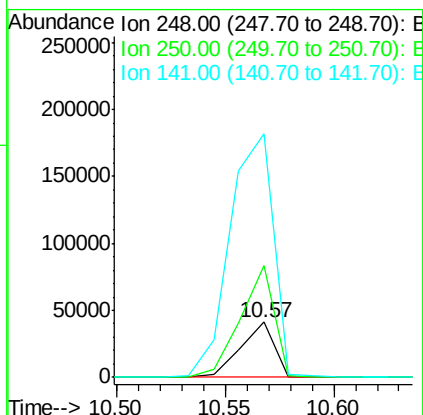
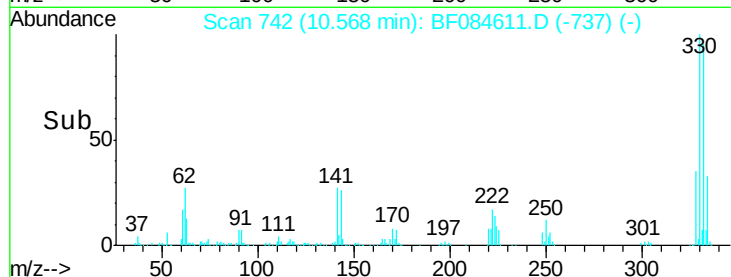
#66
 4-Bromophenyl-phenylether
 Concen: 4.95 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.24 min
 Lab File: BF084611.D
 Acq: 25 Jan 2016 17:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tgt Ion:248 Resp: 44441
 Ion Ratio Lower Upper
 248 100
 250 202.6 78.4 117.6#
 141 440.0 44.0 66.0#

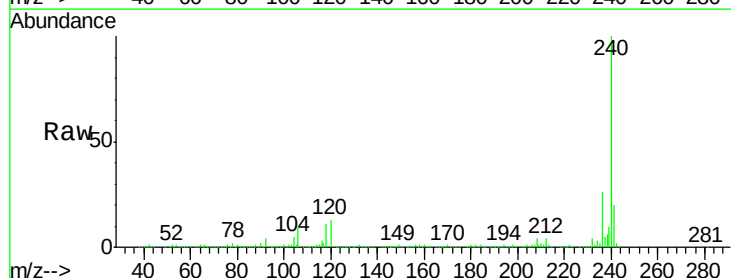


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

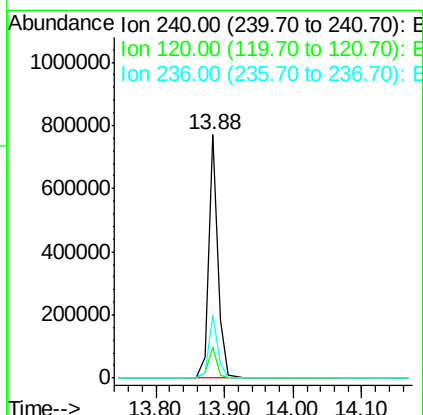
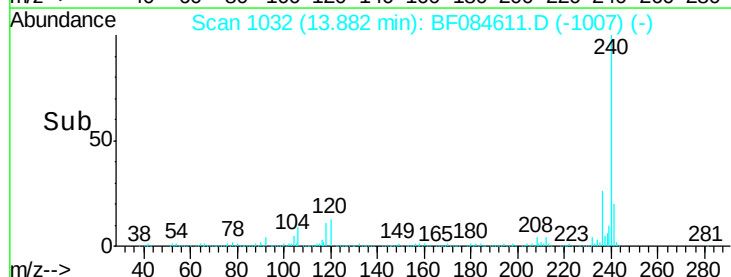


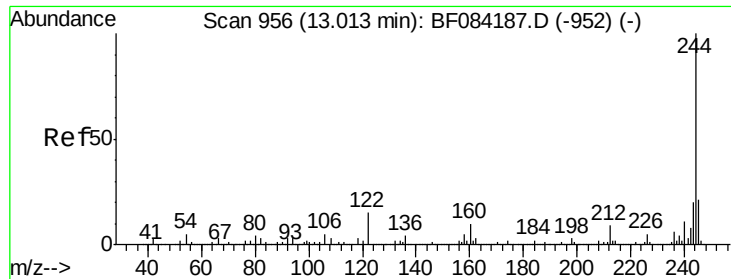
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF084611.D
 Acq: 25 Jan 2016 17:04

Tgt Ion:240 Resp: 720857
 Ion Ratio Lower Upper
 240 100
 120 13.0 9.5 14.3
 236 26.0 20.6 31.0



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

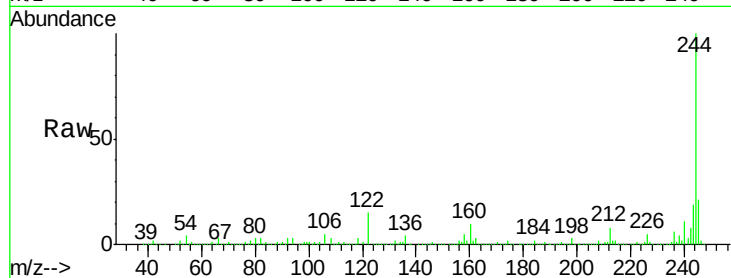




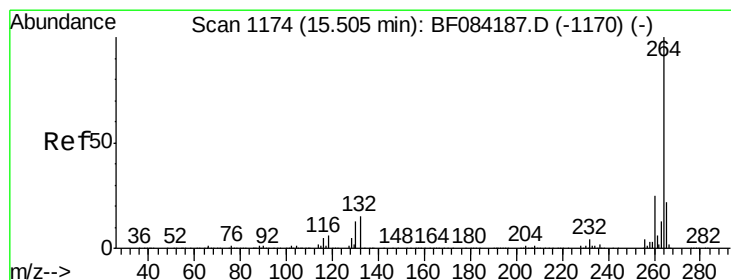
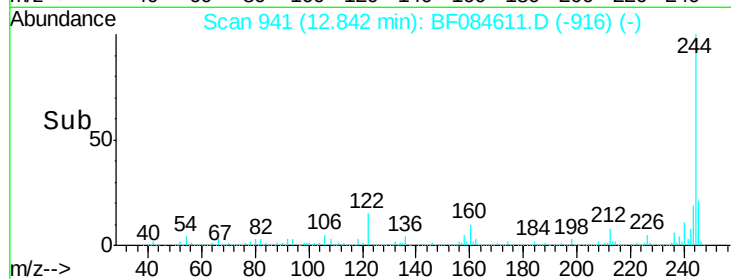
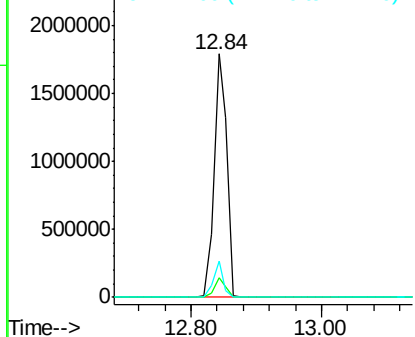
#78
 Terphenyl-d14
 Concen: 76.98 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF084611.D
 Acq: 25 Jan 2016 17:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tgt Ion:244 Resp: 2485835
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 14.9 7.4 11.0#

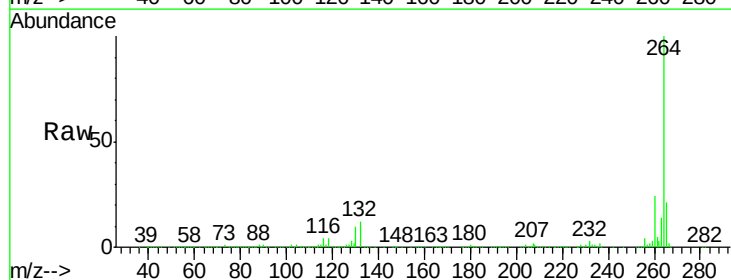


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF084611.D
 Acq: 25 Jan 2016 17:04

Tgt Ion:264 Resp: 568466
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.4 17.8 26.6



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

