

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093749.D
 Acq On : 18 Mar 2017 13:06
 Operator : SJ/MA
 Sample : I2263-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-102I

Quant Time: Mar 20 01:07:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

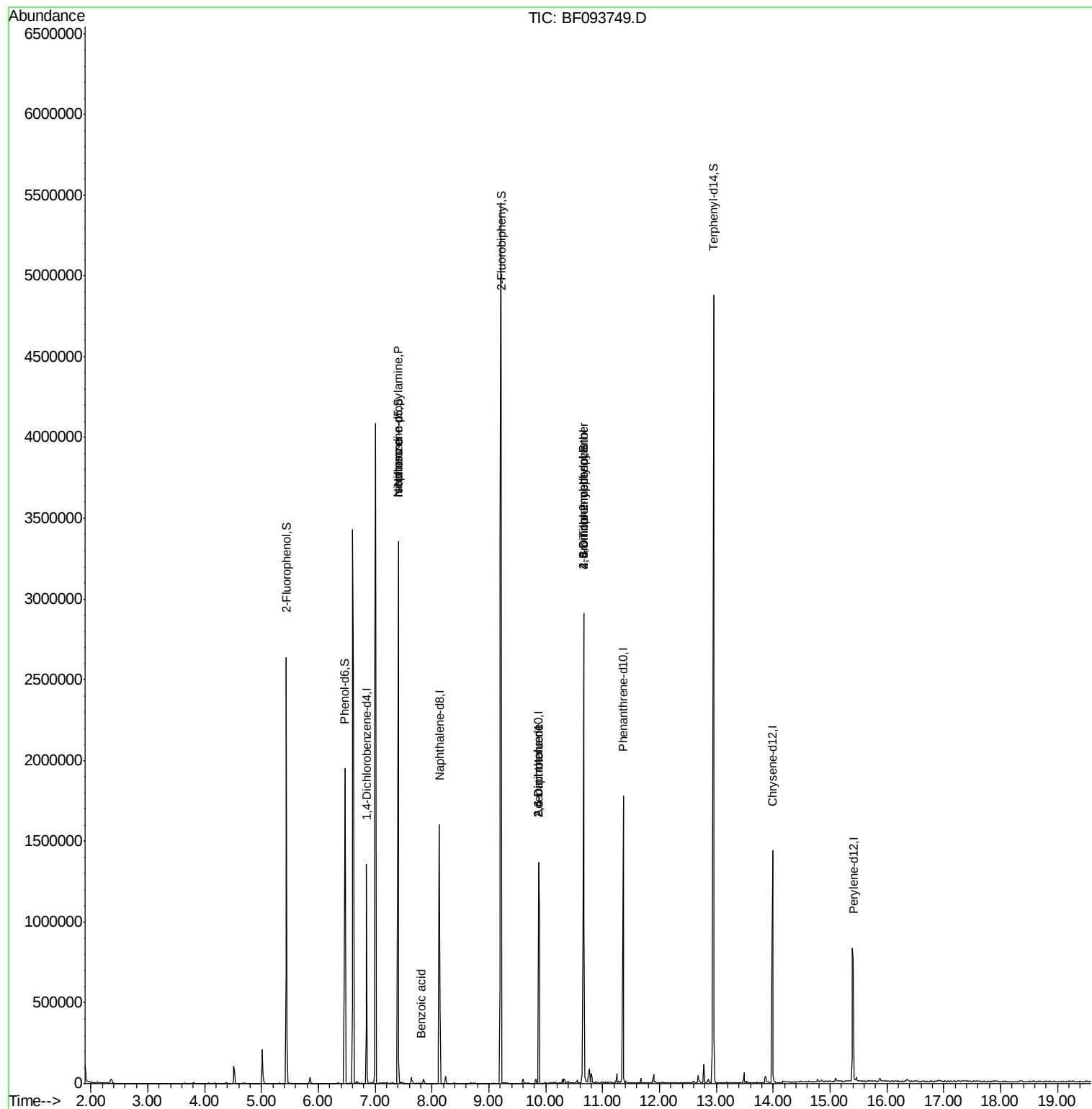
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	204466	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	763619	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	359308	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	698567	20.00	ng	0.00
75) Chrysene-d12	13.99	240	588758	20.00	ng	-0.01
86) Perylene-d12	15.41	264	442370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	715757	58.36	ng	0.00
7) Phenol-d6	6.47	99	658592	43.33	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1202459	94.51	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	419807	178.52	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	2178997	114.44	ng	0.00
78) Terphenyl-d14	12.95	244	1663522	60.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	992	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	164130	16.26	ng	# 80
25) Isophorone	7.41	82	1178534	48.12	ng	# 67
32) Benzoic acid	7.81	122	303	3.90	ng	# 87
50) 2,6-Dinitrotoluene	9.88	165	45577	8.99	ng	# 34
56) 2,4-Dinitrotoluene	9.88	165	45579	6.75	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.66	198	786	4.12	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	26455	4.01	ng	# 1

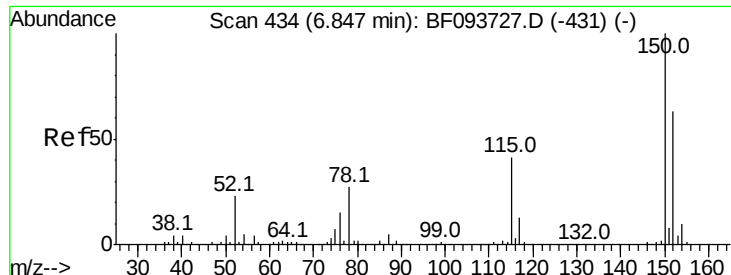
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF093749.D

Acq: 18 Mar 2017 13:06

Instrument :

BNA_F

ClientSampleId :

MW-102I

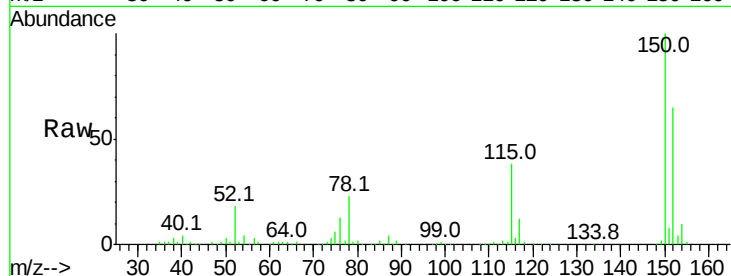
Tot Ion:152 Resp: 204466

Ion Ratio Lower Upper

152 100

150 154.6 126.2 189.2

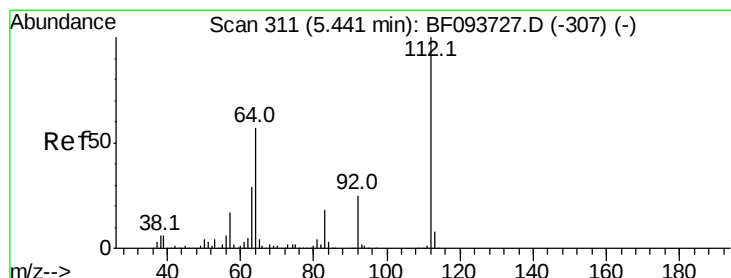
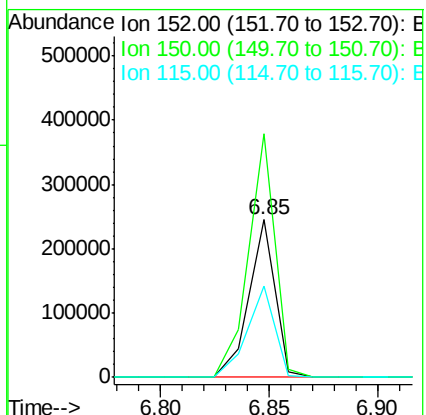
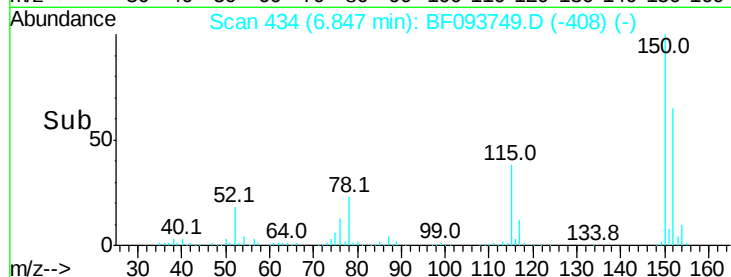
115 58.3 52.2 78.2



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: 58.36 ng

RT: 5.44 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF093749.D

Acq: 18 Mar 2017 13:06

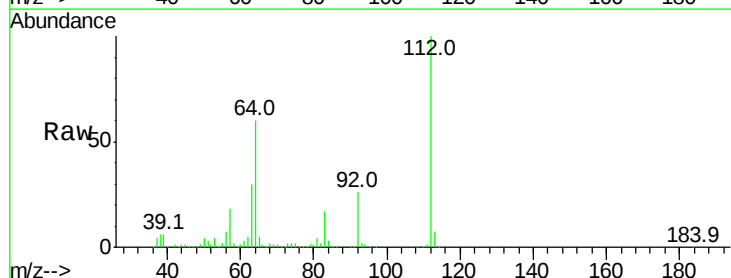
Tgt Ion:112 Resp: 715757

Ion Ratio Lower Upper

112 100

64 59.8 46.0 69.0

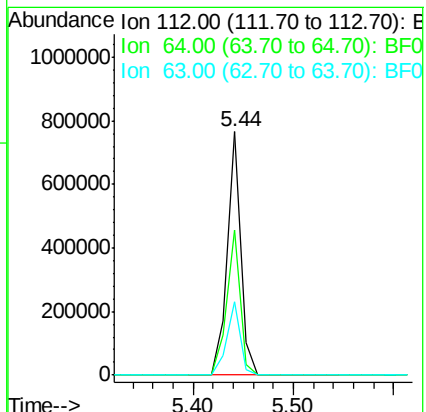
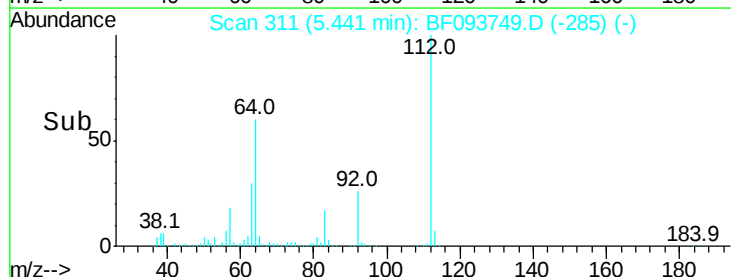
63 29.9 23.4 35.0

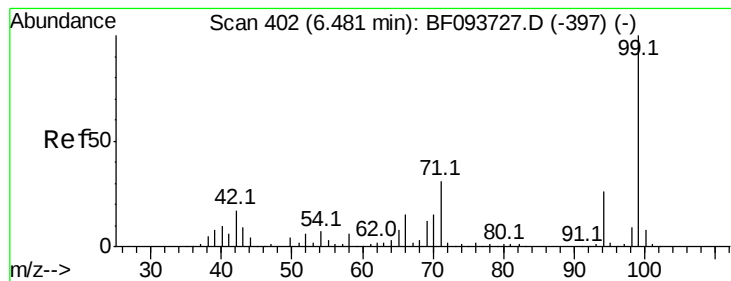


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.33 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093749.D

Acq: 18 Mar 2017 13:06

Instrument :

BNA_F

ClientSampled :

MW-102I

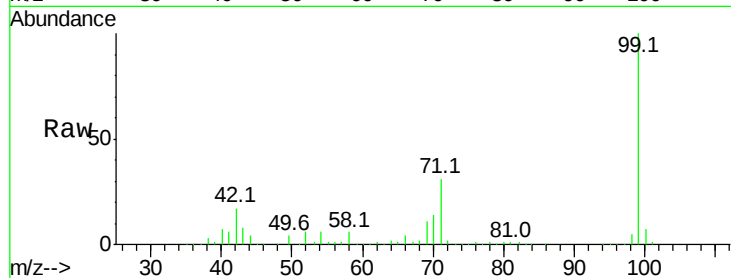
Tot Ion: 99 Resp: 658592

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

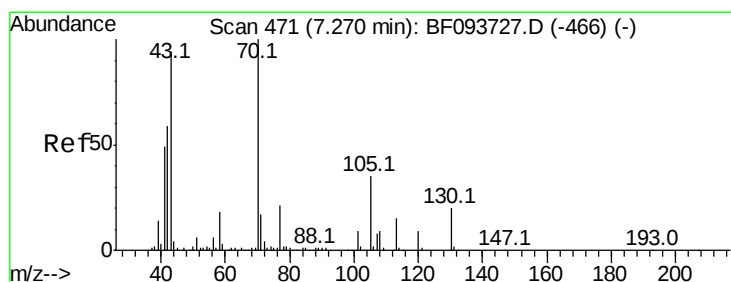
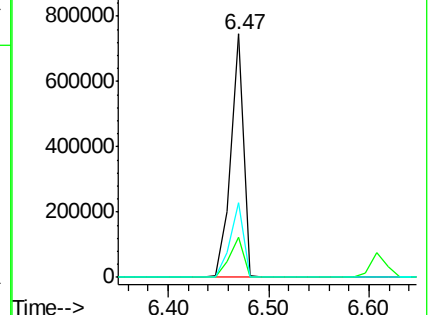
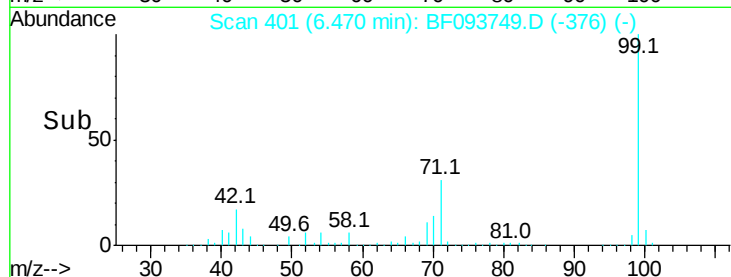
71 30.7 24.5 36.7



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: 16.26 ng

RT: 7.41 min Scan# 483

Delta R.T. 0.14 min

Lab File: BF093749.D

Acq: 18 Mar 2017 13:06

Tgt Ion: 70 Resp: 164130

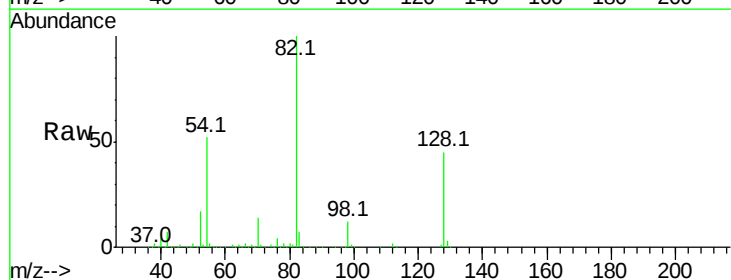
Ion Ratio Lower Upper

70 100

42 48.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

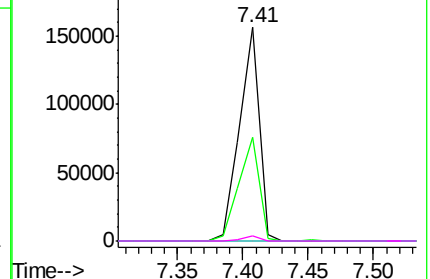
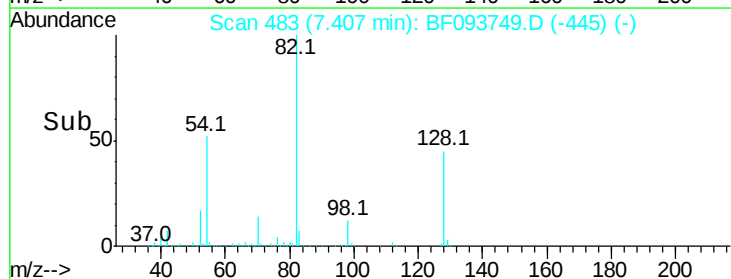


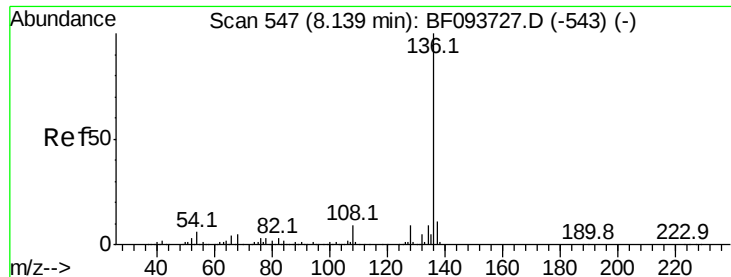
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093749.D

Acq: 18 Mar 2017 13:06

Instrument :

BNA_F

ClientSampleId :

MW-102I

Tot Ion:136 Resp: 763619

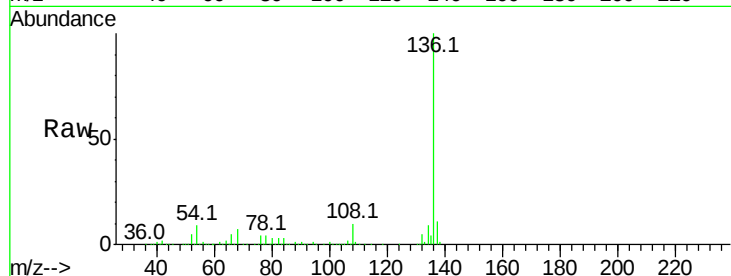
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 9.3 4.9 7.3#

68 6.9 4.1 6.1#

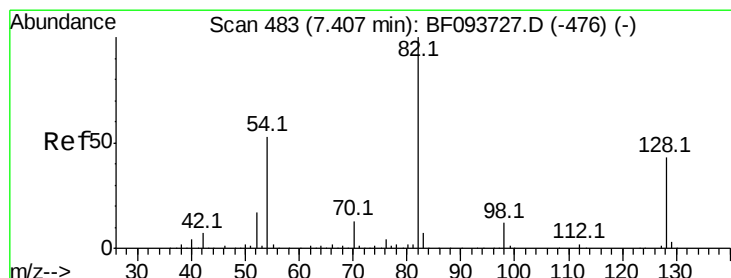
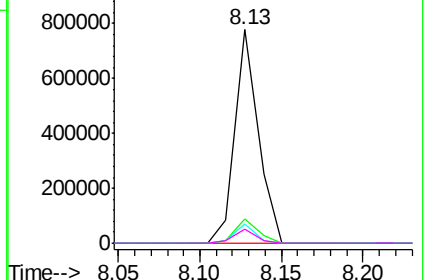
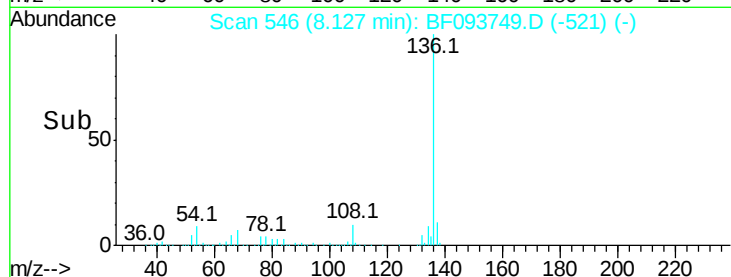


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 94.51 ng

RT: 7.41 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF093749.D

Acq: 18 Mar 2017 13:06

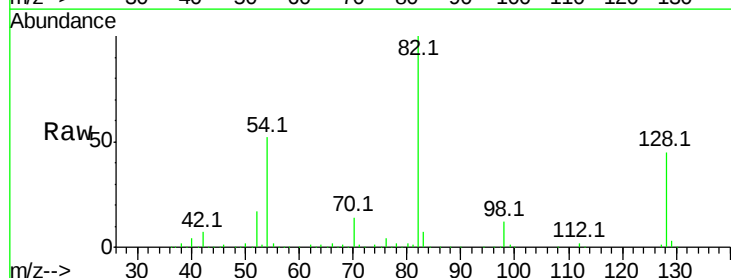
Tgt Ion: 82 Resp: 1202459

Ion Ratio Lower Upper

82 100

128 45.3 34.0 51.0

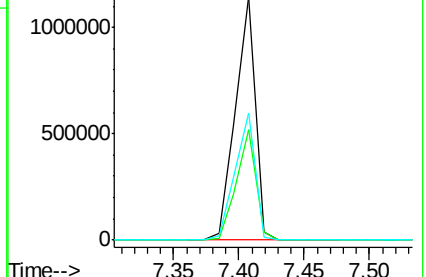
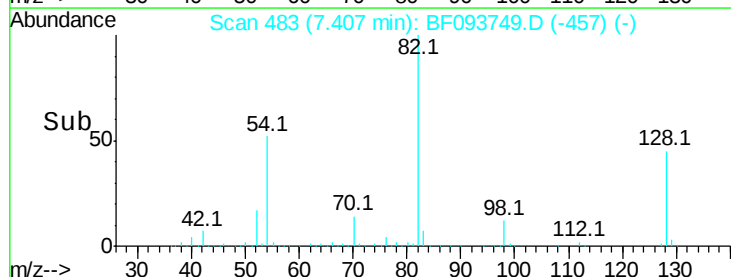
54 52.2 42.2 63.2

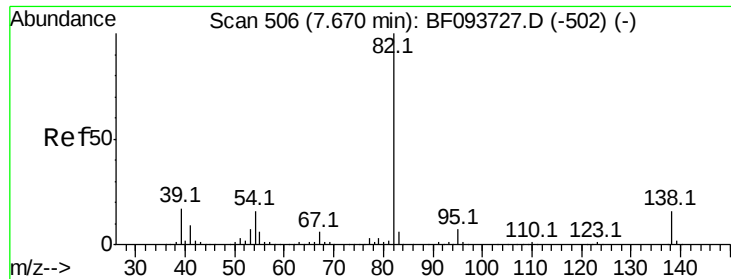


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 48.12 ng

RT: 7.41 min Scan# 483

Delta R.T. -0.26 min

Lab File: BF093749.D

Acq: 18 Mar 2017 13:06

Instrument :

BNA_F

ClientSampleId :

MW-102I

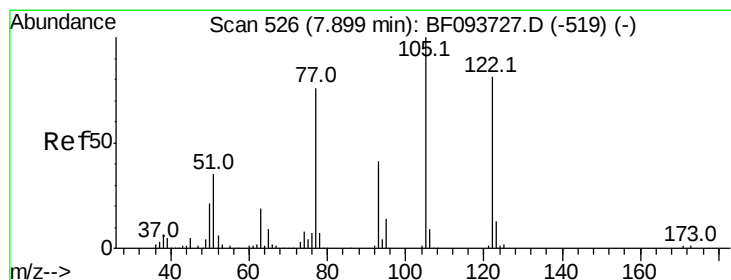
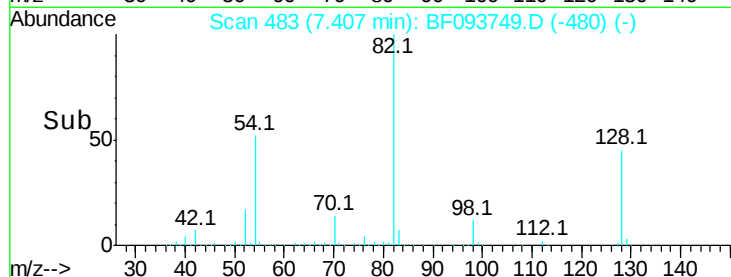
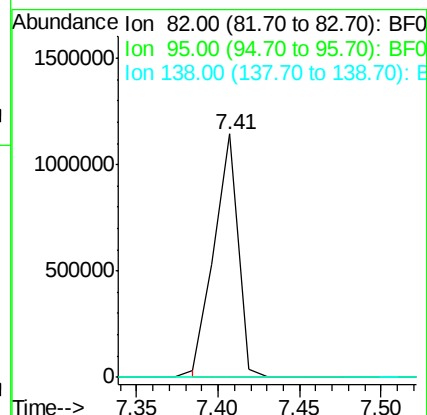
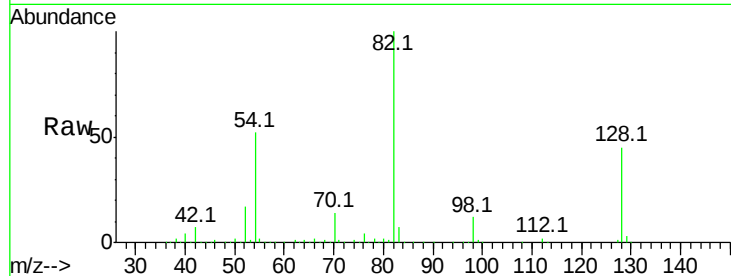
Tot Ion: 82 Resp: 1178534

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#32

Benzoic acid

Concen: 3.90 ng

RT: 7.81 min Scan# 518

Delta R.T. -0.09 min

Lab File: BF093749.D

Acq: 18 Mar 2017 13:06

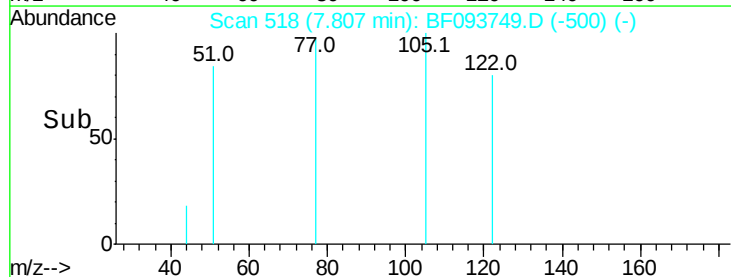
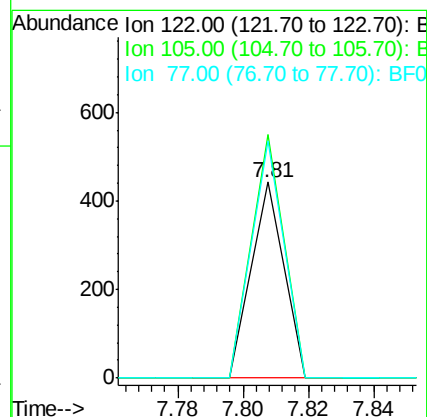
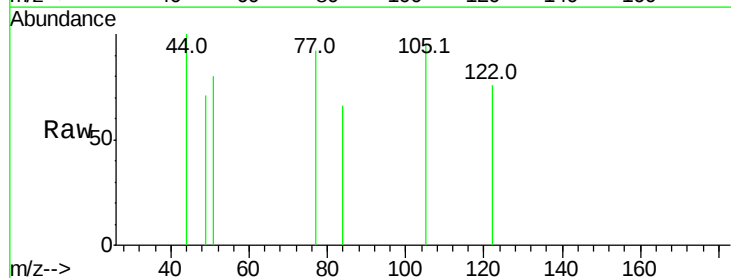
Tgt Ion:122 Resp: 303

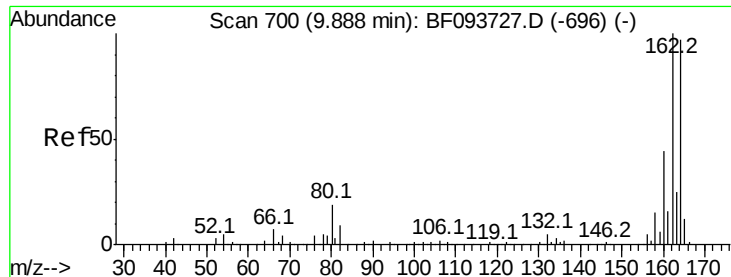
Ion Ratio Lower Upper

122 100

105 124.4 103.3 143.3

77 121.3 73.7 113.7#



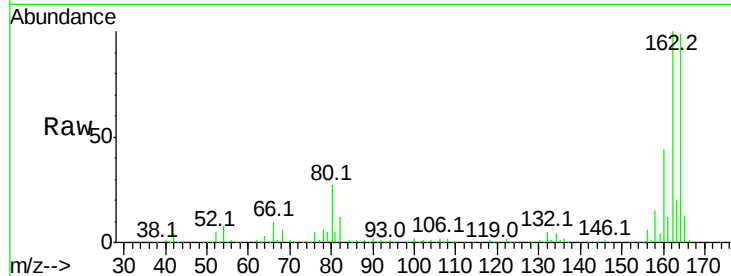


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF093749.D
 Acq: 18 Mar 2017 13:06

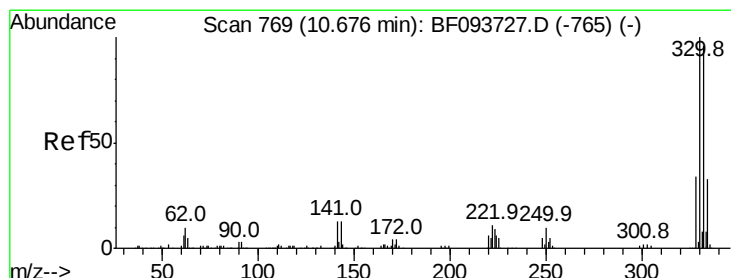
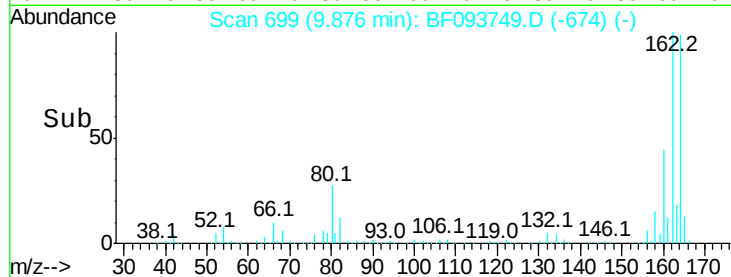
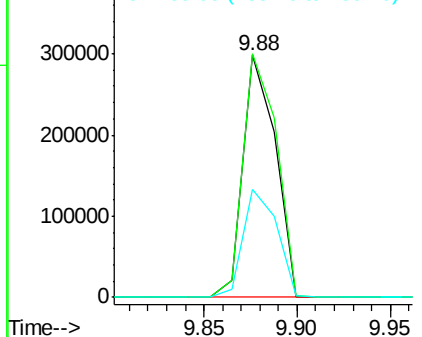
Instrument :
 BNA_F
 ClientSampleId :
 MW-102I

Tot Ion:164 Resp: 359308

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.6	123.8
160	44.8	36.2	54.2



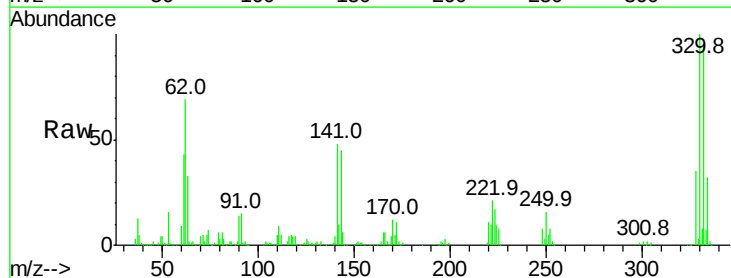
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



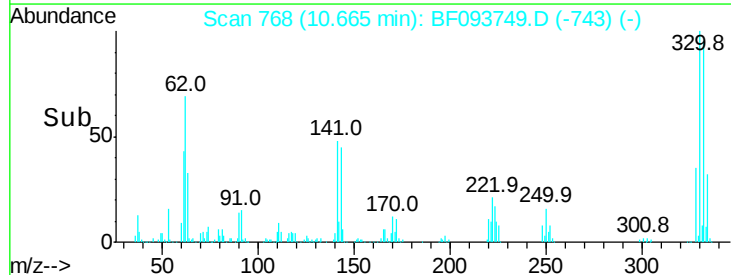
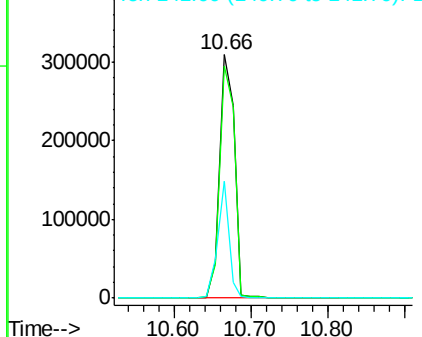
#41
 2,4,6-Tribromophenol
 Concen: 178.52 ng
 RT: 10.66 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF093749.D
 Acq: 18 Mar 2017 13:06

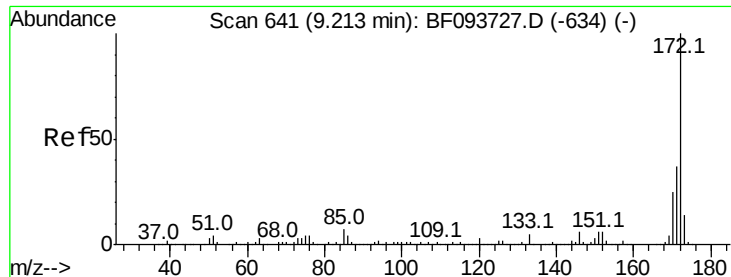
Tgt Ion:330 Resp: 419807

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	37.0	31.4	47.2



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



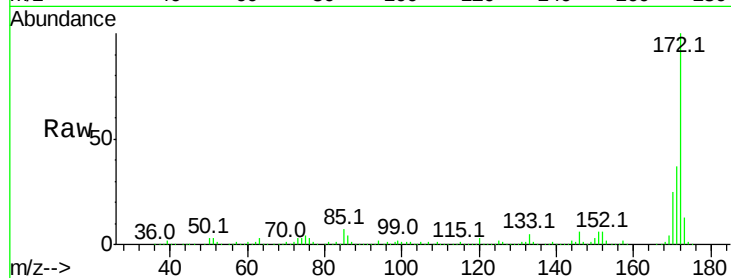


#44
 2-Fluorobiphenyl
 Concen: 114.44 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093749.D
 Acq: 18 Mar 2017 13:06

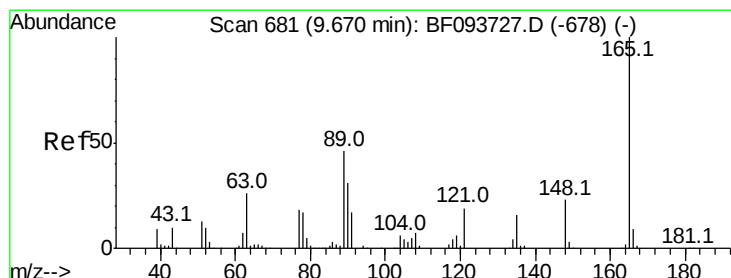
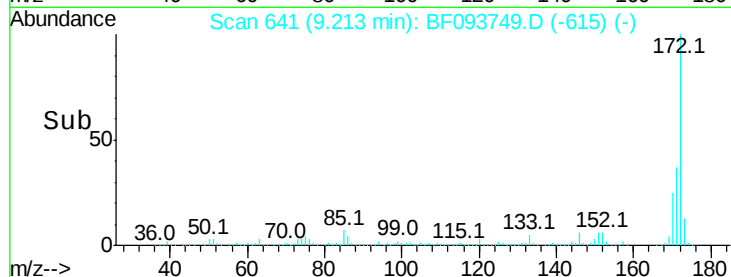
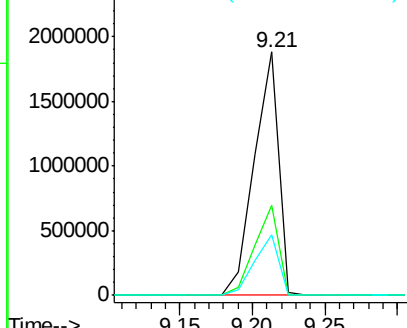
Instrument :
 BNA_F
 ClientSampleId :
 MW-102I

Tot Ion:172 Resp: 2178997

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.9	19.8	29.8



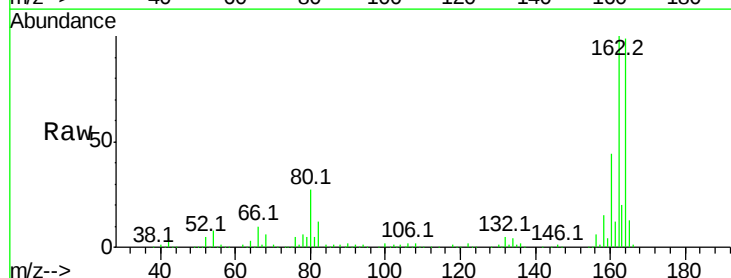
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



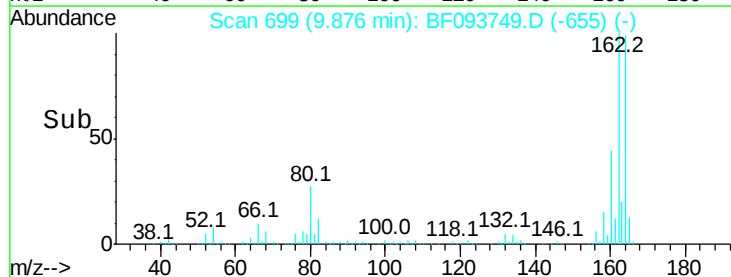
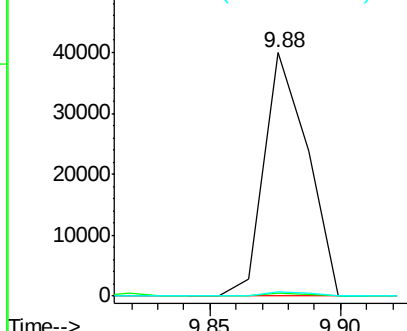
#50
 2,6-Dinitrotoluene
 Concen: 8.99 ng
 RT: 9.88 min Scan# 699
 Delta R.T. 0.21 min
 Lab File: BF093749.D
 Acq: 18 Mar 2017 13:06

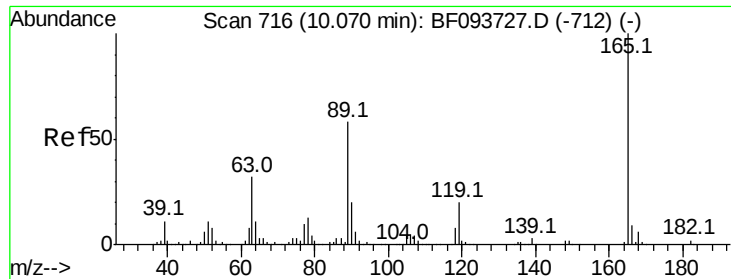
Tgt Ion:165 Resp: 45577

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.6	37.1	55.7#



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





#56

2,4-Dinitrotoluene

Concen: 6.75 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.19 min

Lab File: BF093749.D

Acq: 18 Mar 2017 13:06

Instrument :

BNA_F

ClientSampleId :

MW-102I

Tot Ion:165 Resp: 45579

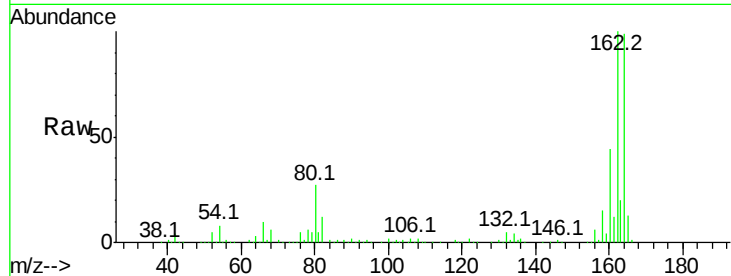
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.6 46.4 69.6#

182 0.0 1.8 2.6#

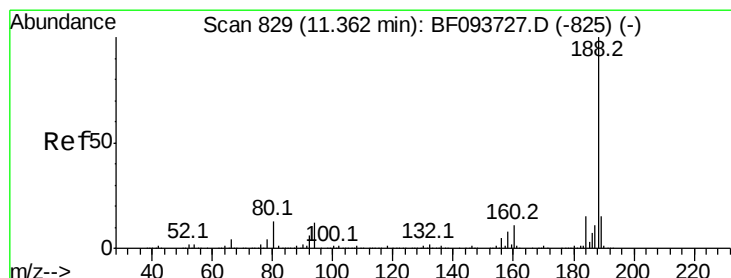
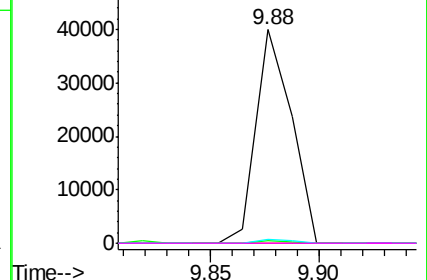
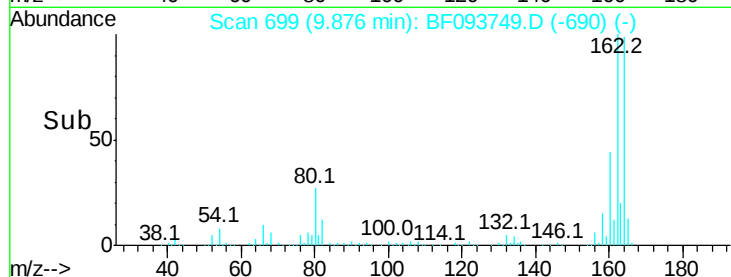


Abundance Ion 165.00 (164.70 to 165.70): E

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# 829

Delta R.T. 0.00 min

Lab File: BF093749.D

Acq: 18 Mar 2017 13:06

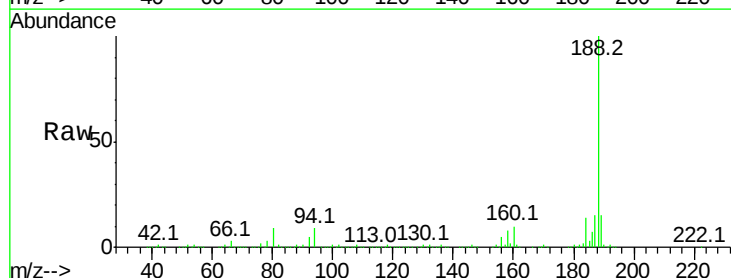
Tgt Ion:188 Resp: 698567

Ion Ratio Lower Upper

188 100

94 8.8 9.4 14.2#

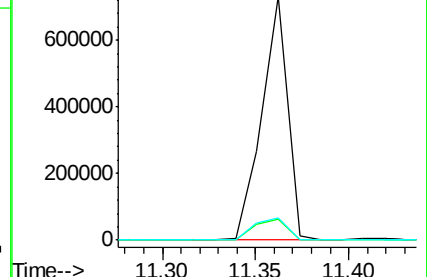
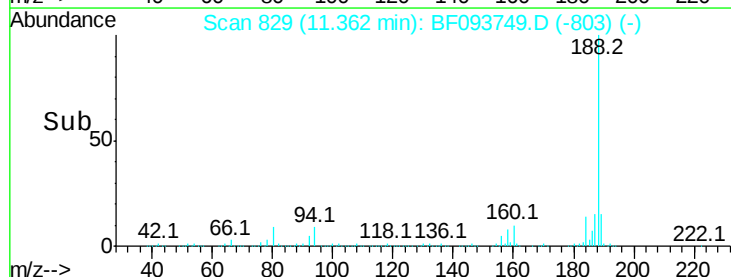
80 9.0 10.2 15.2#

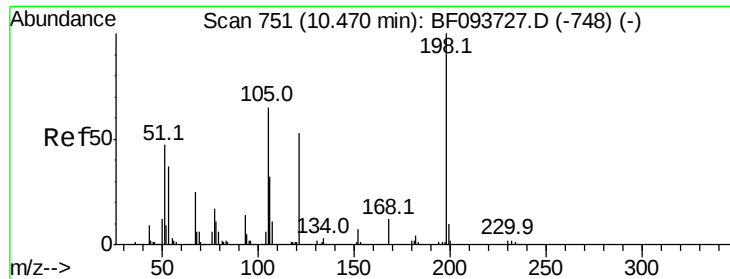


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

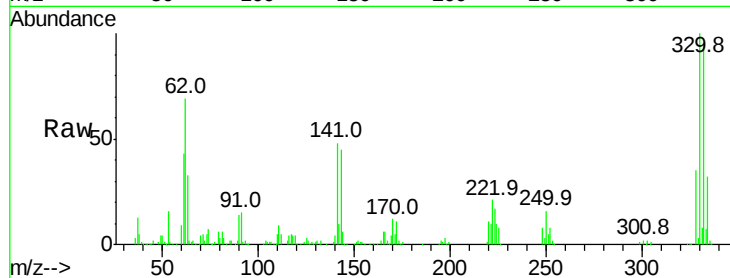




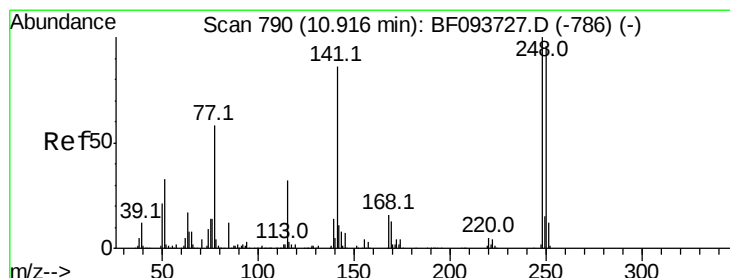
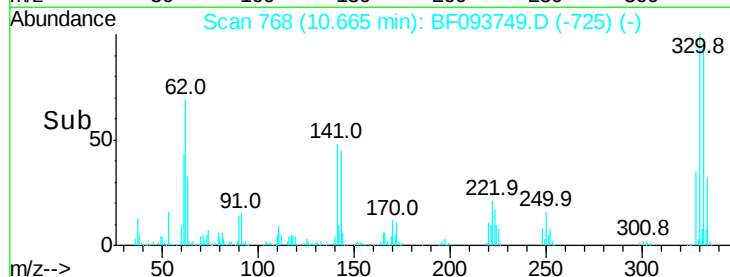
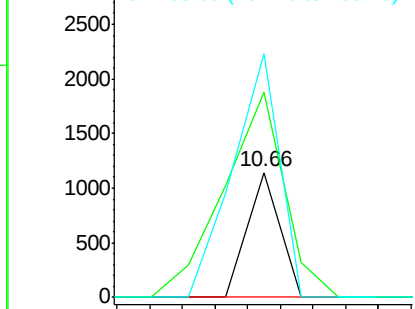
#64
4,6-Dinitro-2-methylphenol
Concen: 4.12 ng
RT: 10.66 min Scan# 768
Delta R.T. 0.19 min
Lab File: BF093749.D
Acq: 18 Mar 2017 13:06

Instrument :
BNA_F
ClientSampleId :
MW-102I

Tot Ion:198 Resp: 786
Ion Ratio Lower Upper
198 100
51 163.9 53.2 93.2#
105 194.5 45.8 85.8#

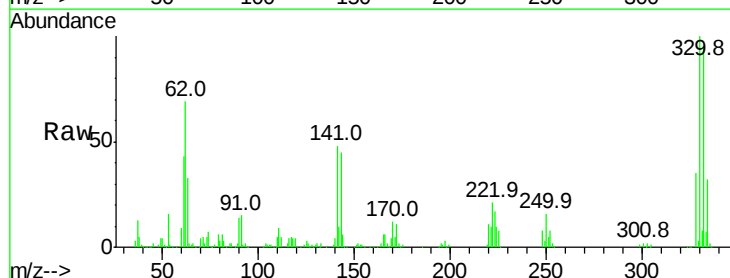


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

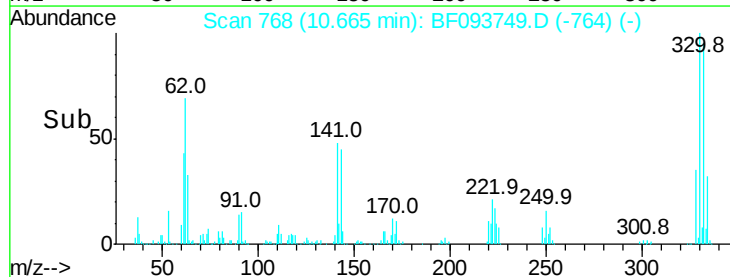
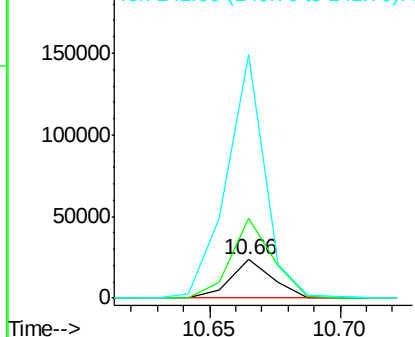


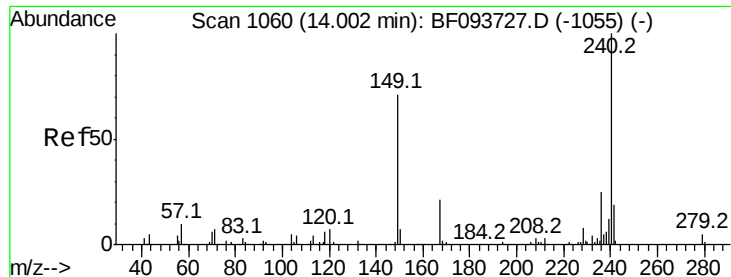
#66
4-Bromophenyl-phenylether
Concen: 4.01 ng
RT: 10.66 min Scan# 768
Delta R.T. -0.25 min
Lab File: BF093749.D
Acq: 18 Mar 2017 13:06

Tgt Ion:248 Resp: 26455
Ion Ratio Lower Upper
248 100
250 205.8 76.8 115.2#
141 632.1 68.6 103.0#



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# 1059

Delta R.T. -0.01 min

Lab File: BF093749.D

Acq: 18 Mar 2017 13:06

Instrument :

BNA_F

ClientSampleId :

MW-102I

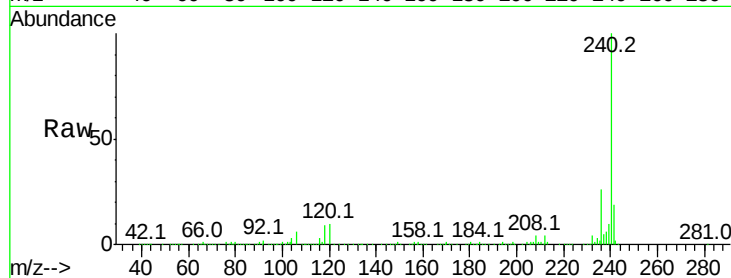
Tot Ion:240 Resp: 588758

Ion Ratio Lower Upper

240 100

120 10.2 5.8 8.8#

236 26.2 20.5 30.7



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

600000

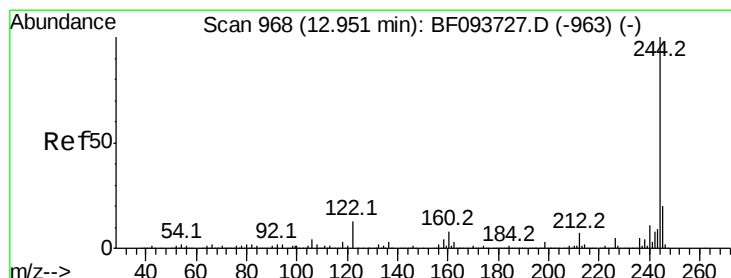
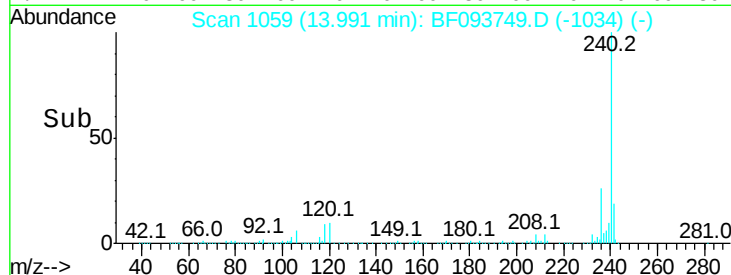
400000

200000

0

13.99

Time-->



#78

Terphenyl-d14

Concen: 60.82 ng

RT: 12.95 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF093749.D

Acq: 18 Mar 2017 13:06

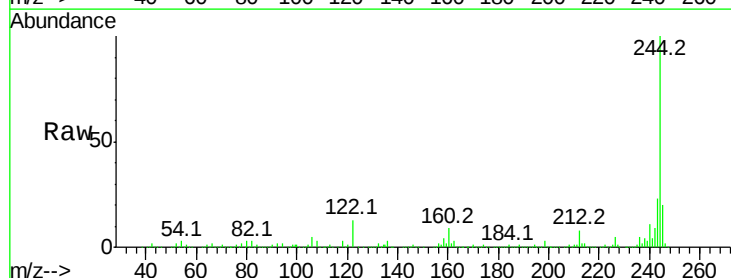
Tgt Ion:244 Resp: 1663522

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 13.1 10.3 15.5



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

2000000

1500000

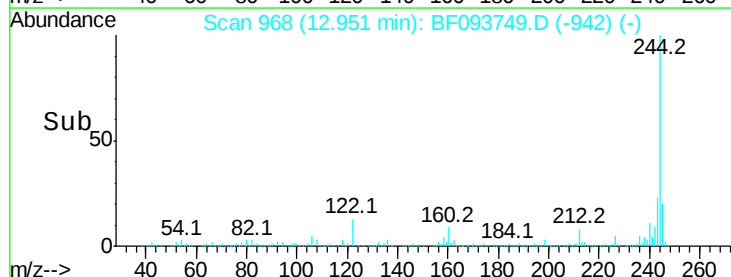
1000000

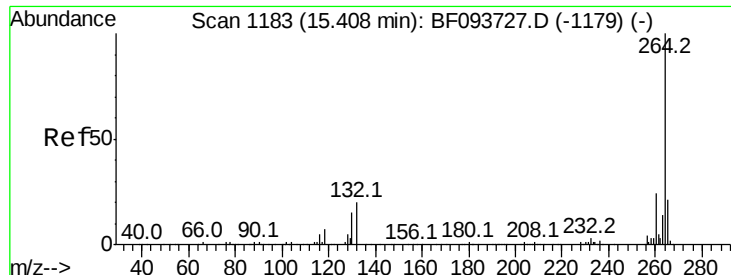
500000

0

12.95

Time-->

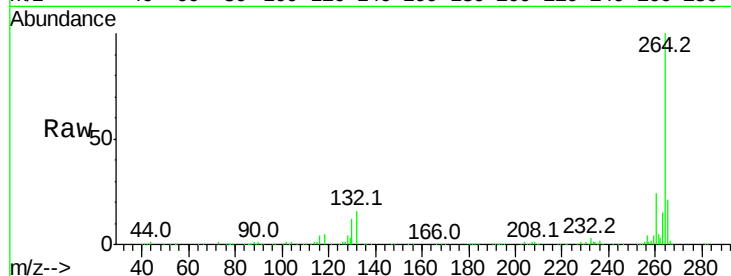




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF093749.D
 Acq: 18 Mar 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-102I

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.3	19.5	29.3	
265	21.2	17.2	25.8	



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

