

Data Path : Z:\HPCHEM1\BNA F\Data\BF022017\
 Data File : BF093068.D
 Acq On : 21 Feb 2017 11:19
 Operator : SJ/MA
 Sample : I1904-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 13:32:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

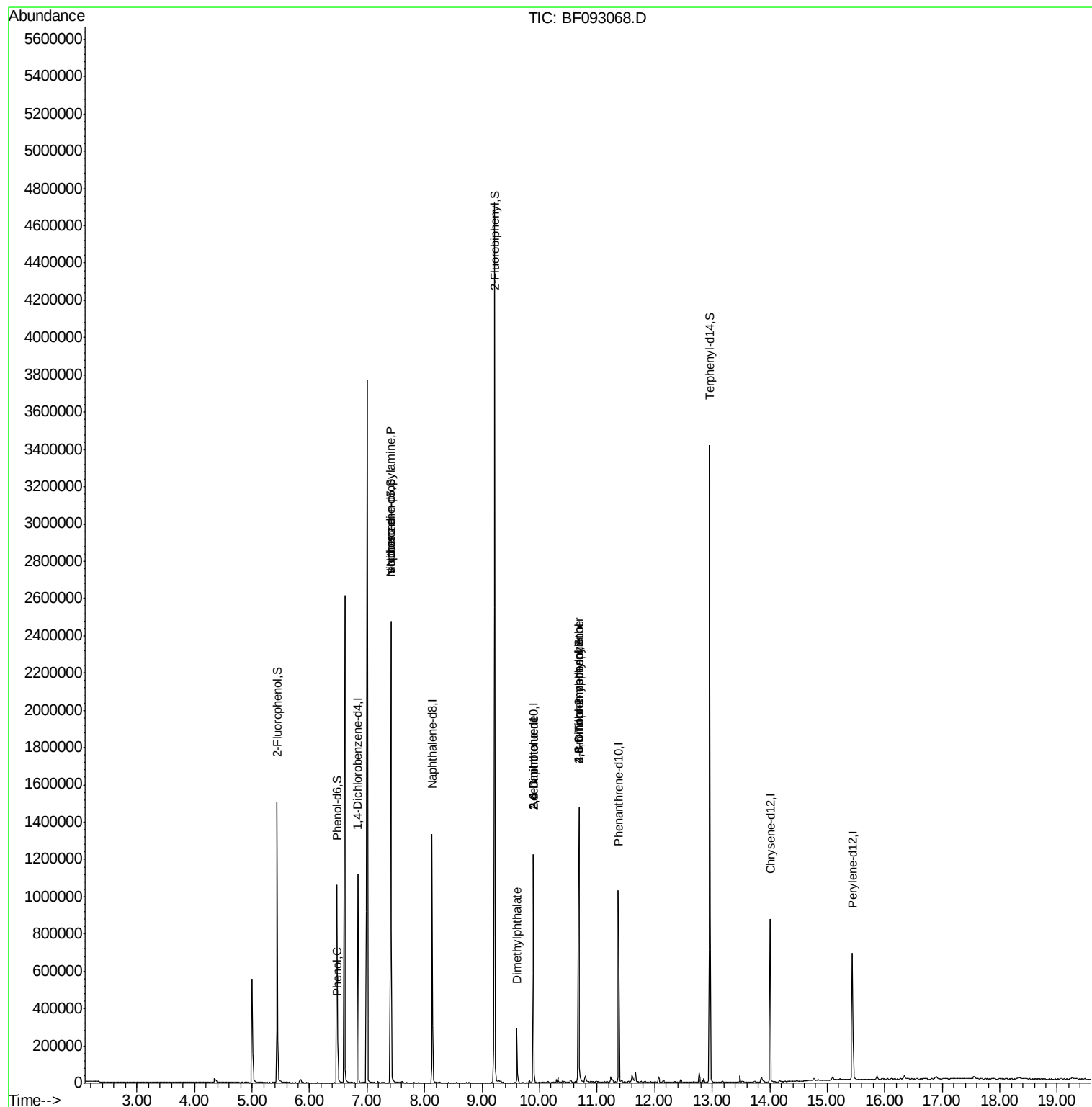
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	160192	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	593316	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	276610	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	463755	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	316465	20.00	ng	-0.01
86) Perylene-d12	15.44	264	297231	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	415857	44.54	ng	-0.01
7) Phenol-d6	6.48	99	330271	27.49	ng	-0.01
23) Nitrobenzene-d5	7.41	82	943344	88.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	209996	104.97	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1769946	115.92	ng	0.00
78) Terphenyl-d14	12.96	244	1128555	83.79	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	28305	2.01	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.41	70	123674	16.17	ng	# 81
25) Isophorone	7.41	82	782216	39.40	ng	# 65
49) Dimethylphthalate	9.61	163	114161	6.13	ng	99
50) 2,6-Dinitrotoluene	9.89	165	33666	8.37	ng	# 31
56) 2,4-Dinitrotoluene	9.89	165	33666	6.28	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.68	198	606	2.87	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	14898	3.07	ng	# 1

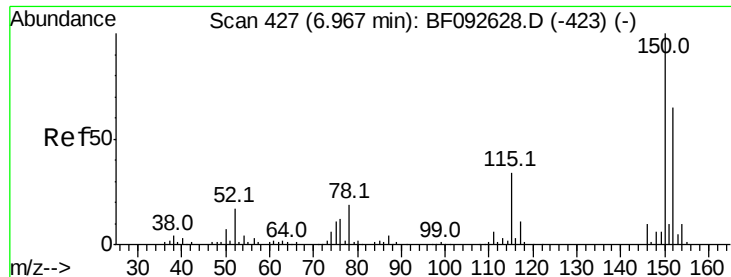
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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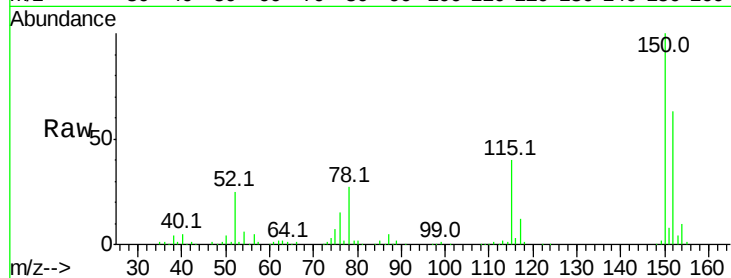


#1

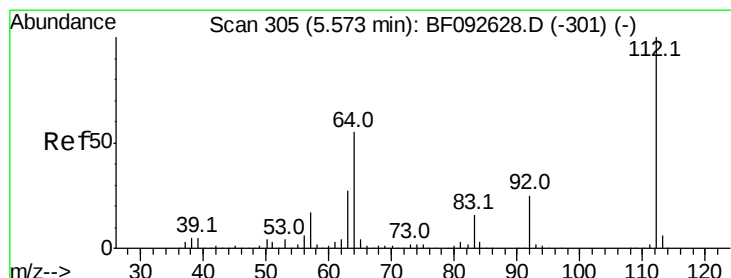
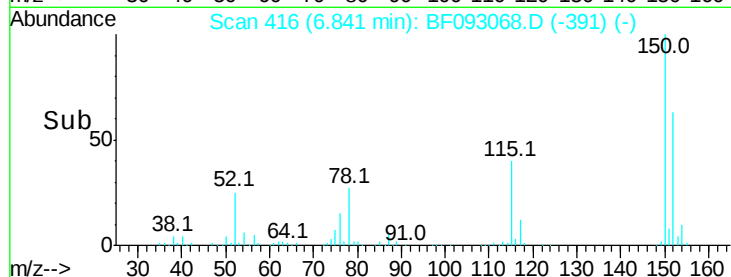
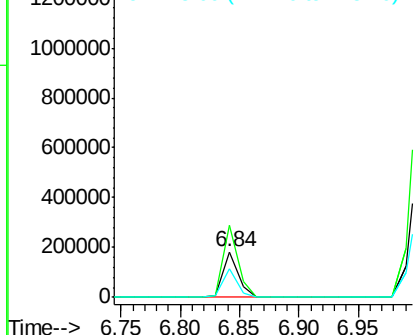
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093068.D
Acq: 21 Feb 2017 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.9	187.3
115	63.4	46.0	69.0



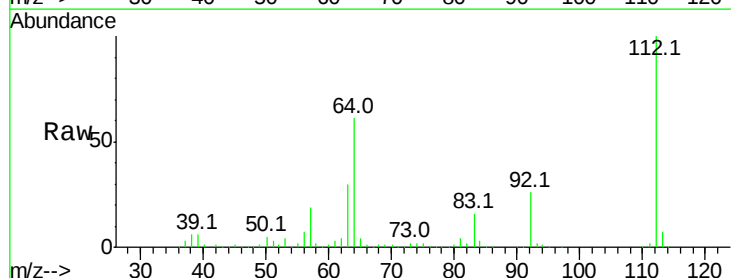
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



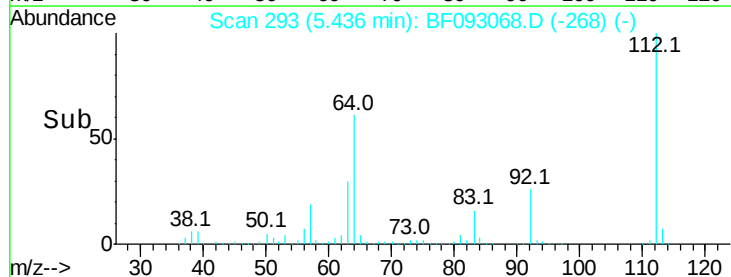
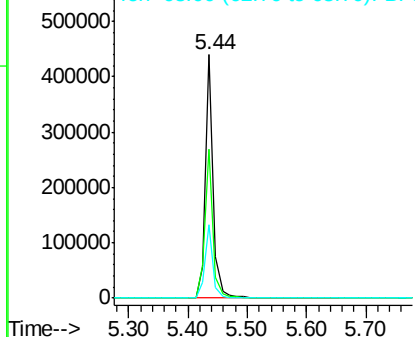
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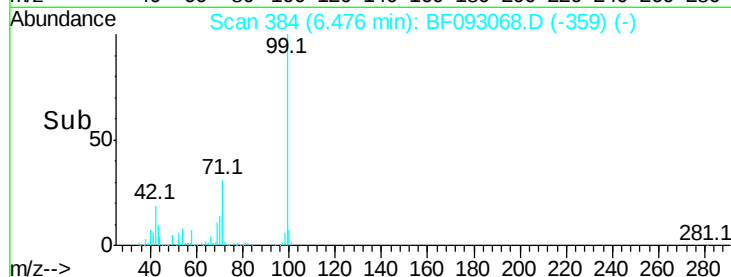
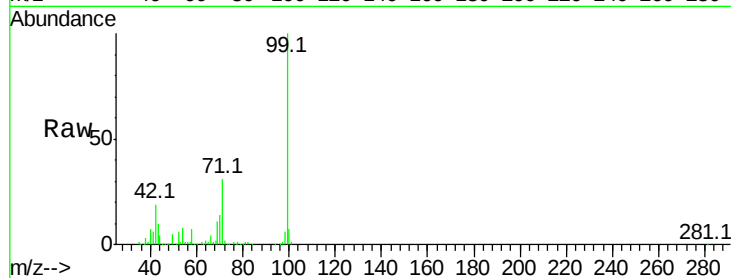
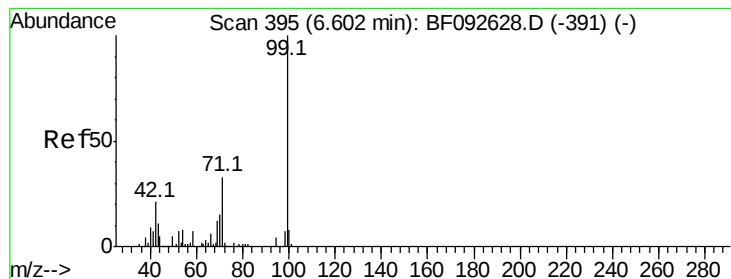
2-Fluorophenol
Concen: 44.54 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF093068.D
Acq: 21 Feb 2017 11:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.1	69.1
63	30.4	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: 27.49 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093068.D

Acq: 21 Feb 2017 11:19

Instrument :

BNA_F

ClientSampleId :

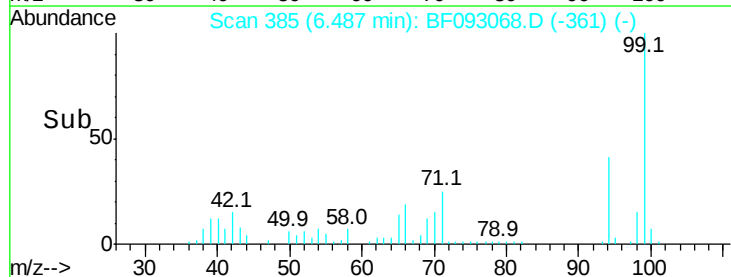
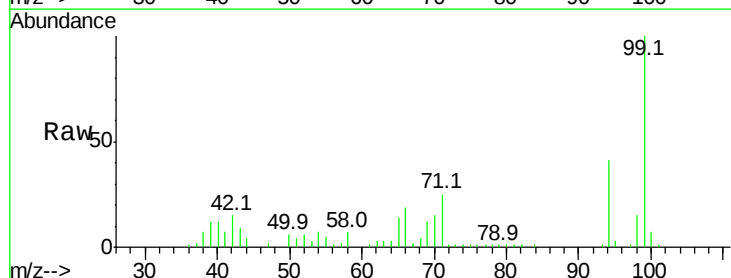
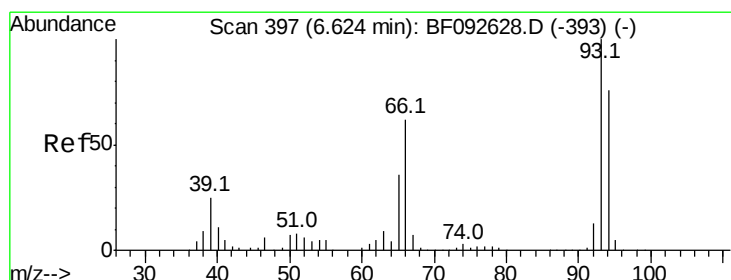
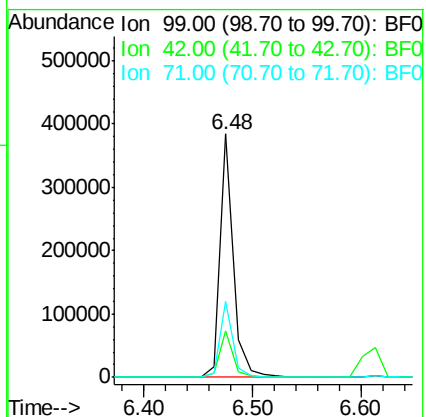
Tot Ion: 99 Resp: 330271

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

71 31.1 27.5 41.3



#10

Phenol

Concen: 2.01 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093068.D

Acq: 21 Feb 2017 11:19

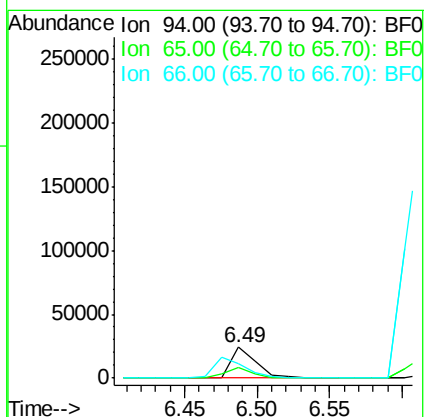
Tgt Ion: 94 Resp: 28305

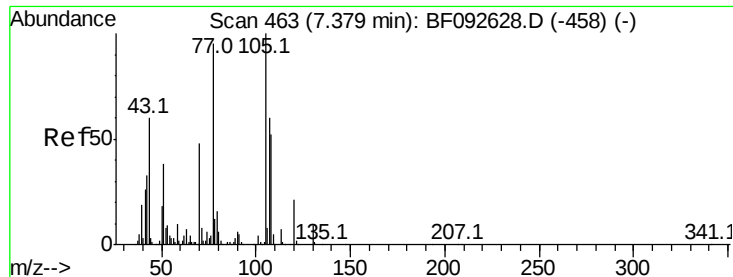
Ion Ratio Lower Upper

94 100

65 33.0 21.4 61.4

66 46.2 44.0 84.0





#19

n-Nitroso-di-n-propylamine

Concen: 16.17 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF093068.D

Acq: 21 Feb 2017 11:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 123674

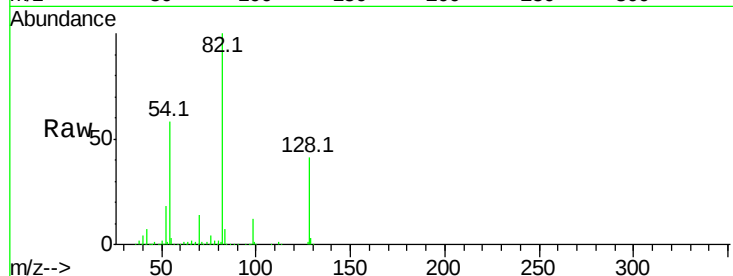
Ion Ratio Lower Upper

70 100

42 51.7 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

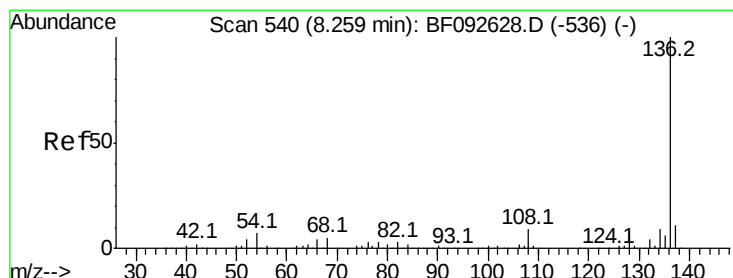
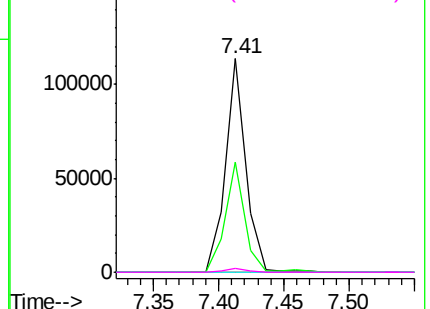
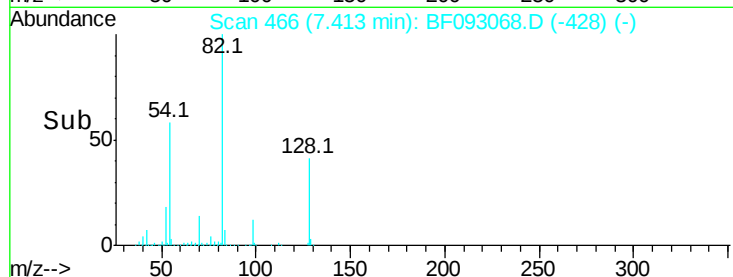


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093068.D

Acq: 21 Feb 2017 11:19

Tgt Ion: 136 Resp: 593316

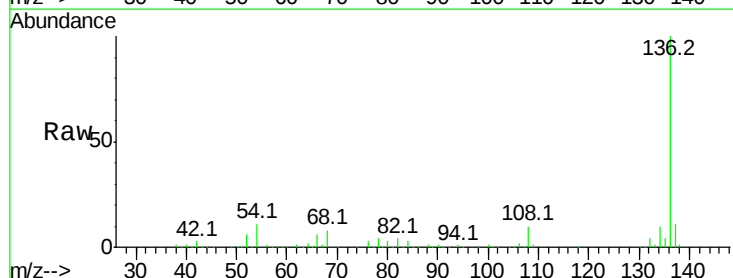
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 11.1 4.5 6.7#

68 7.7 3.6 5.4#

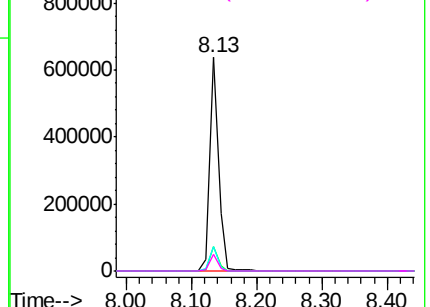
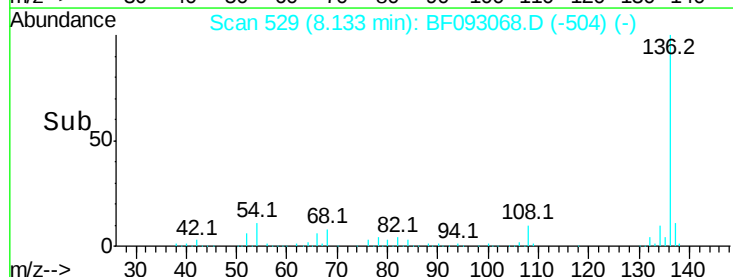


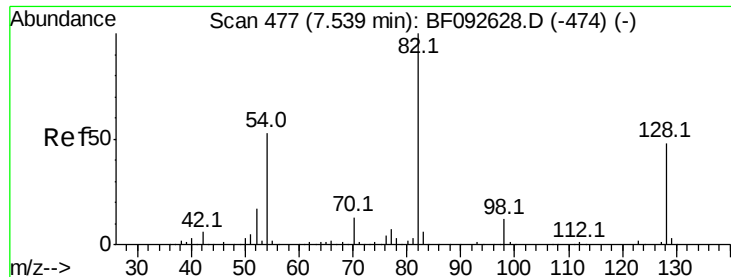
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

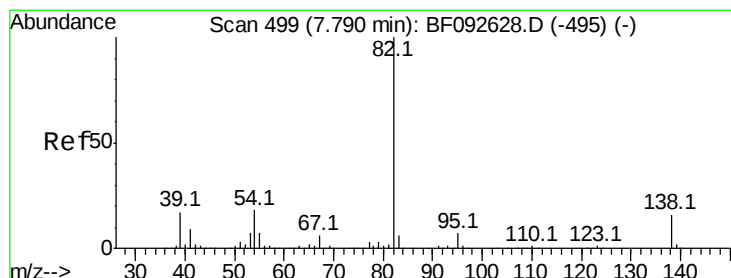
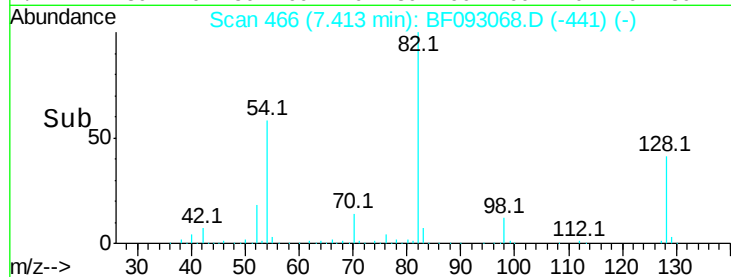
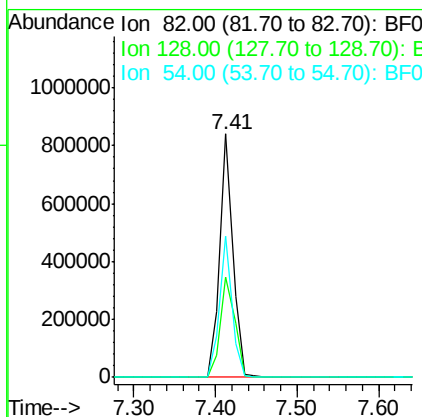
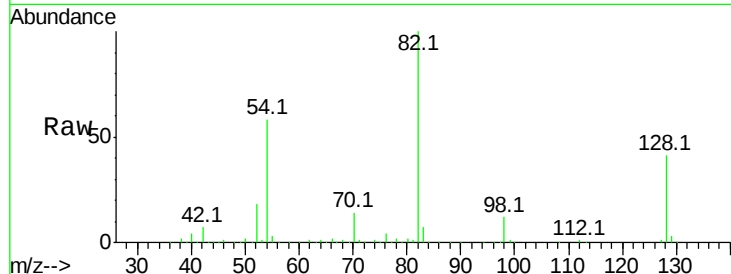




#23
 Nitrobenzene-d5
 Concen: 88.54 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093068.D
 Acq: 21 Feb 2017 11:19

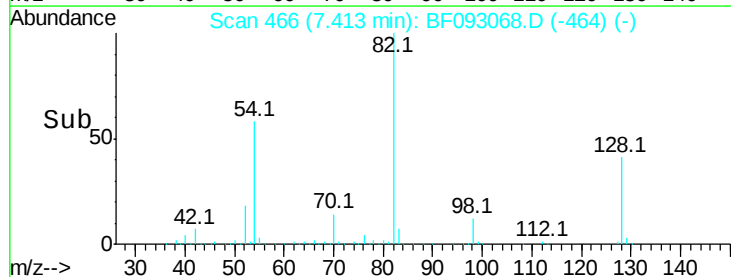
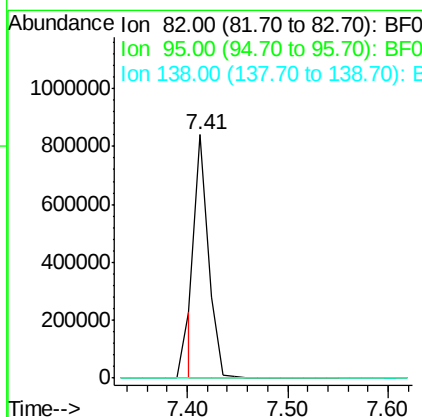
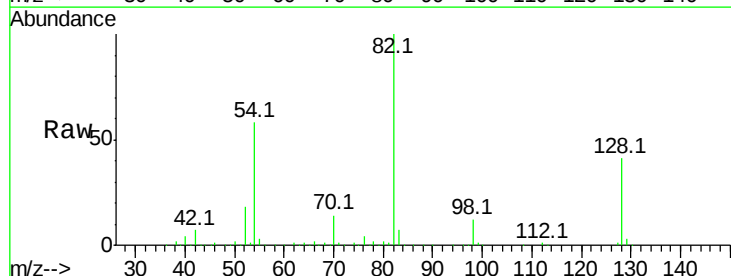
Instrument :
 BNA_F
 ClientSampleId :

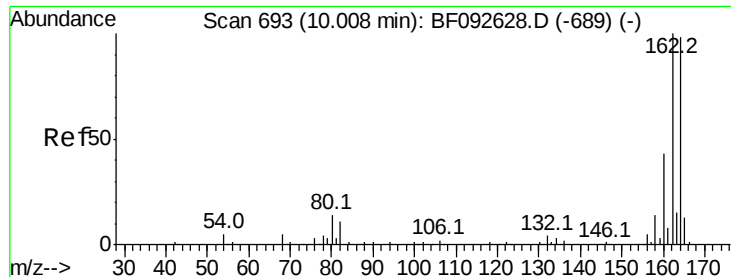
Tot Ion	82	Resp	943344
Ion Ratio	Lower	Upper	
82	100		
128	41.4	34.6	52.0
54	58.0	39.5	59.3



#25
 Isophorone
 Concen: 39.40 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.27 min
 Lab File: BF093068.D
 Acq: 21 Feb 2017 11:19

Tgt Ion	82	Resp	782216
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

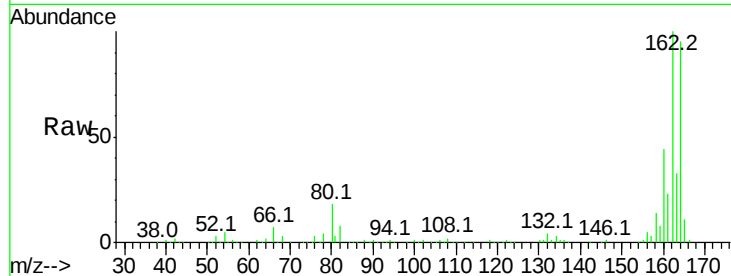




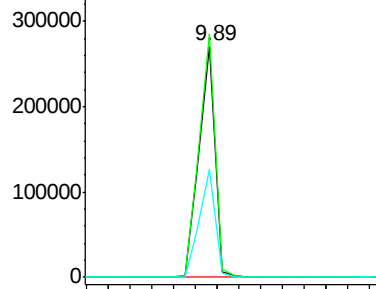
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093068.D
Acq: 21 Feb 2017 11:19

Instrument :
BNA_F
ClientSampleId :

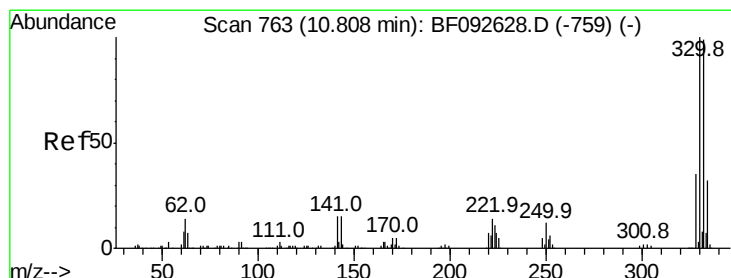
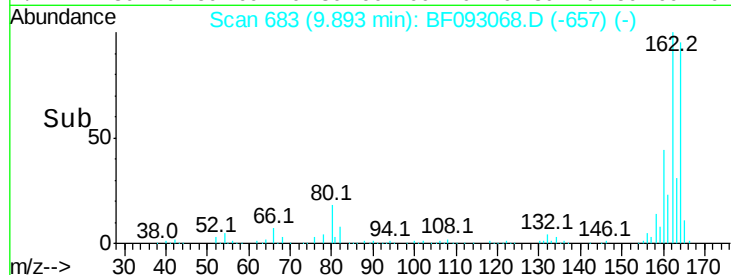
Tot Ion:164 Resp: 276610
Ion Ratio Lower Upper
164 100
162 105.3 80.2 120.2
160 46.7 36.9 55.3



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

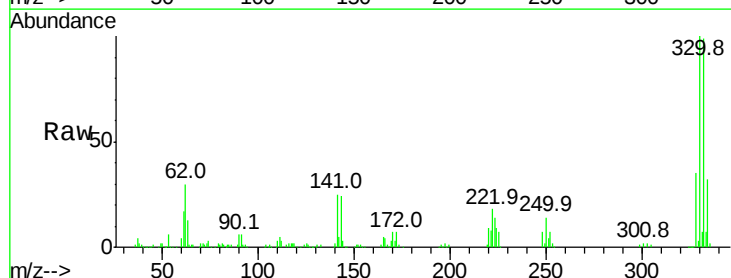


Time-->

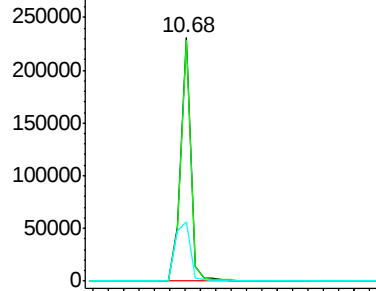


#41
2,4,6-Tribromophenol
Concen: 104.97 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF093068.D
Acq: 21 Feb 2017 11:19

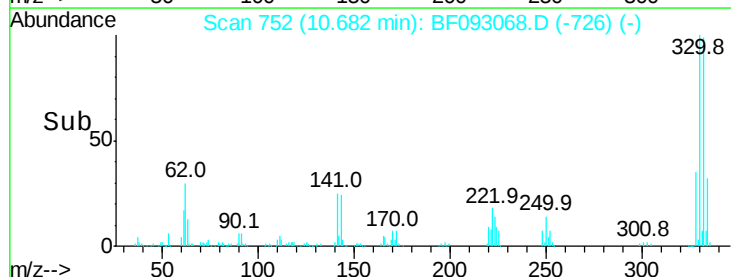
Tgt Ion:330 Resp: 209996
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.2
141 36.4 34.1 51.1

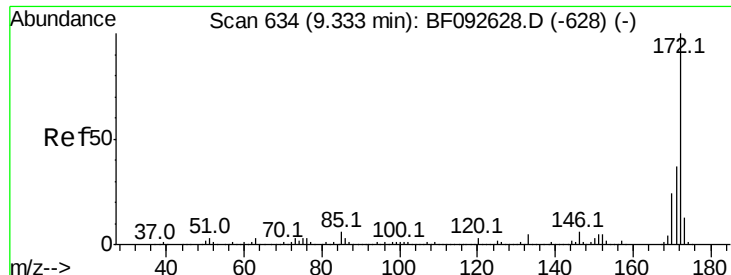


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time-->

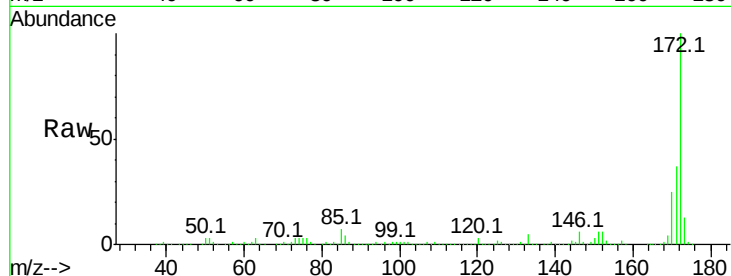




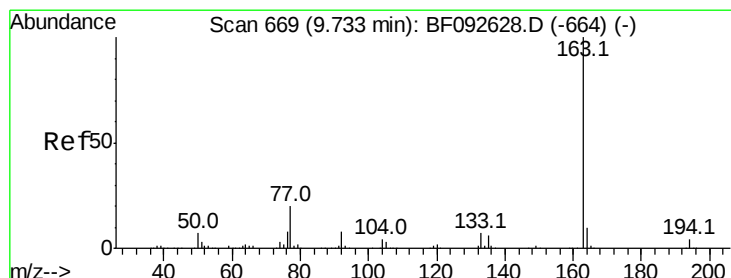
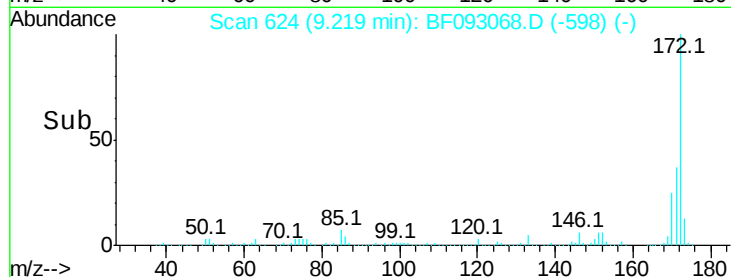
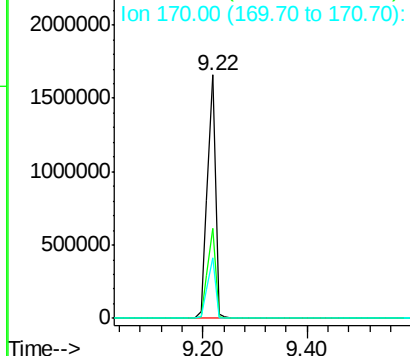
#44
2-Fluorobiphenyl
Concen: 115.92 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF093068.D
Acq: 21 Feb 2017 11:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1769946
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.0
170 24.7 20.2 30.4

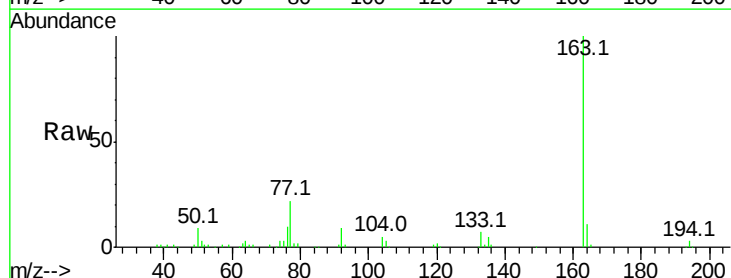


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

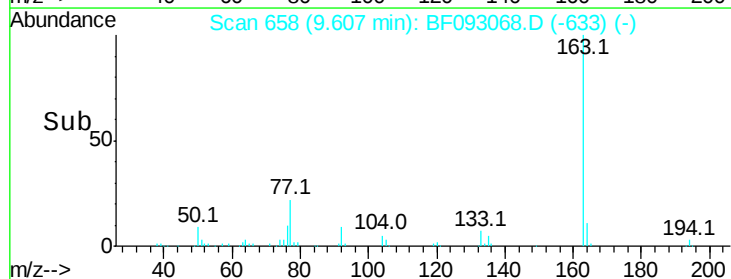
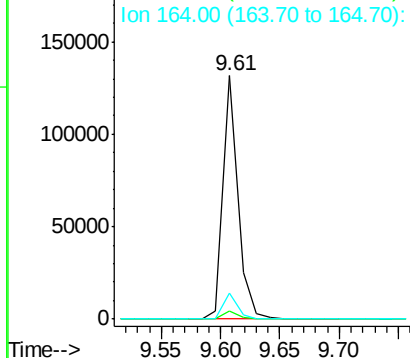


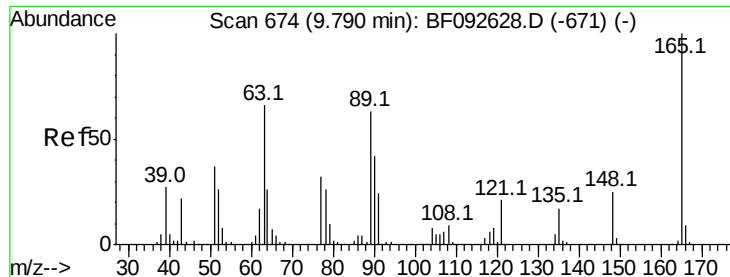
#49
Dimethylphthalate
Concen: 6.13 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093068.D
Acq: 21 Feb 2017 11:19

Tgt Ion:163 Resp: 114161
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.6 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

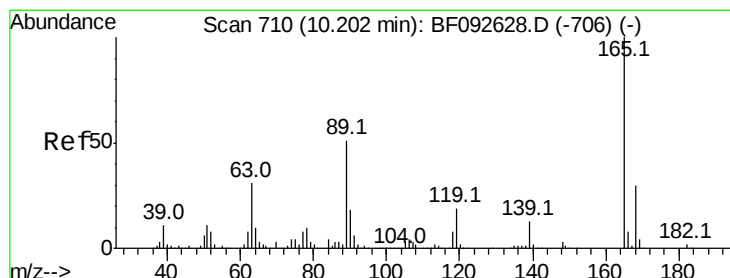
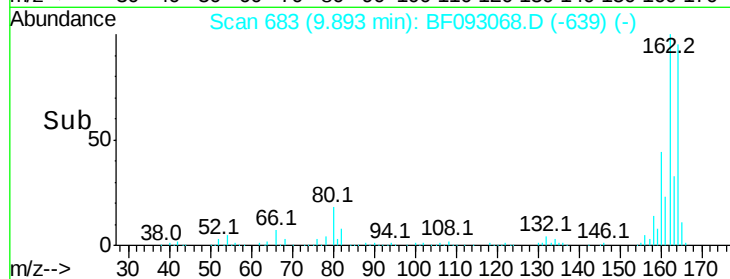
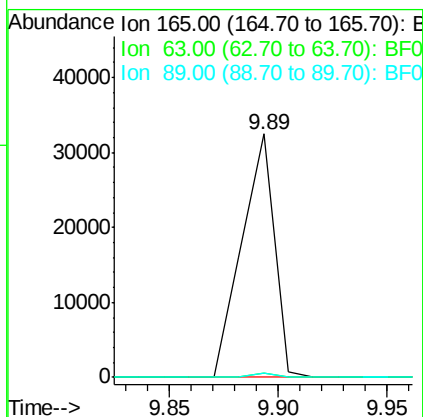
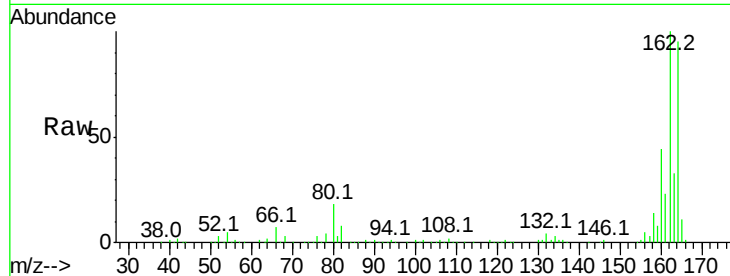




#50
 2,6-Dinitrotoluene
 Concen: 8.37 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.21 min
 Lab File: BF093068.D
 Acq: 21 Feb 2017 11:19

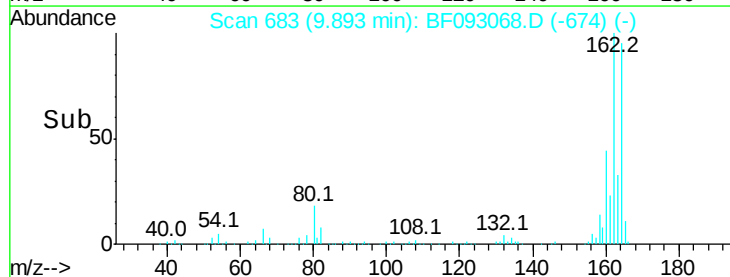
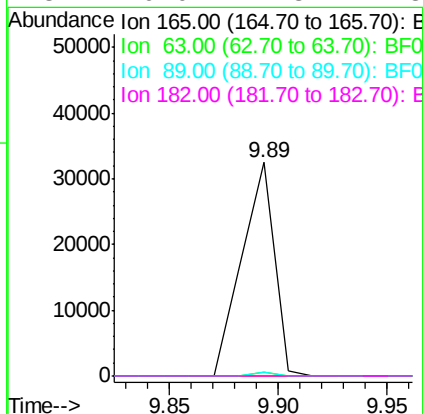
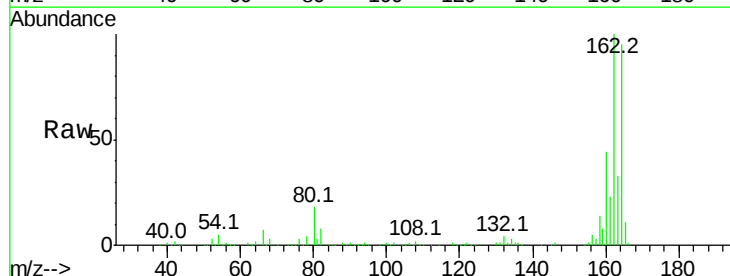
Instrument :
 BNA_F
 ClientSampleId :

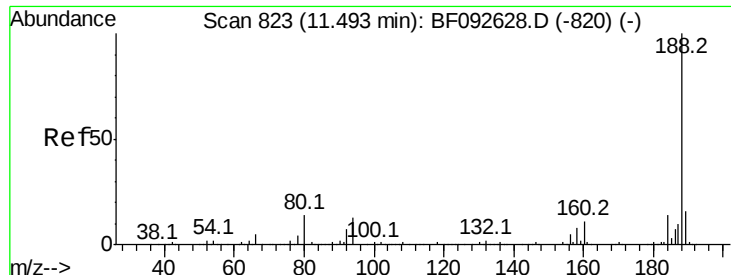
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.2	54.4#
89	1.7	40.2	60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.28 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.19 min
 Lab File: BF093068.D
 Acq: 21 Feb 2017 11:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.2	60.4#
89	1.7	62.5	93.7#
182	0.0	1.8	2.8#

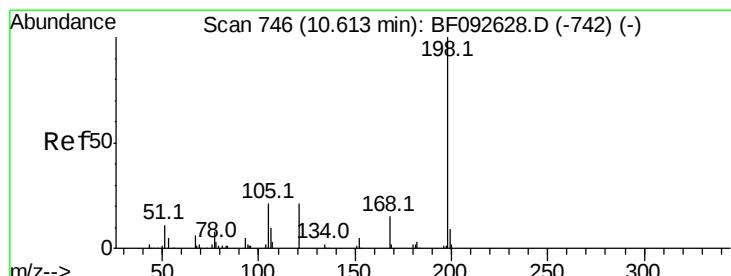
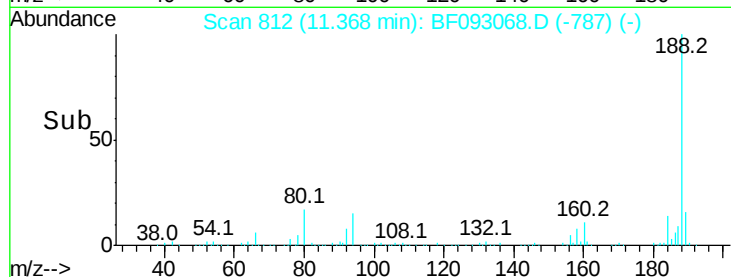
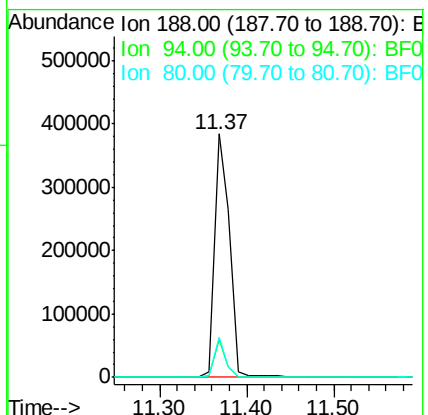
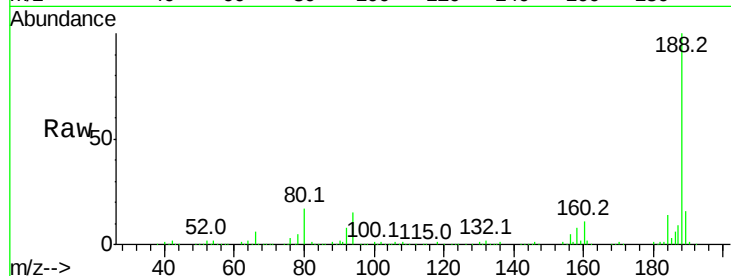




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF093068.D
 Acq: 21 Feb 2017 11:19

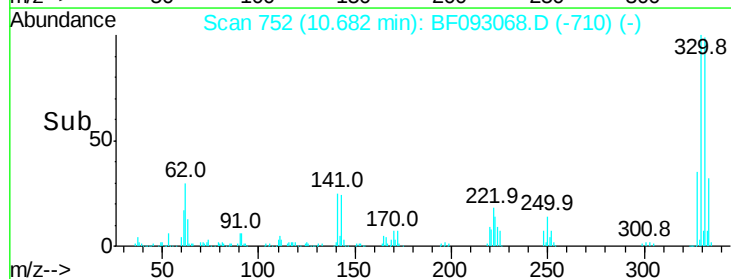
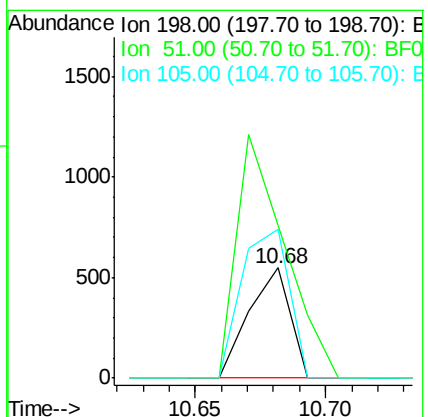
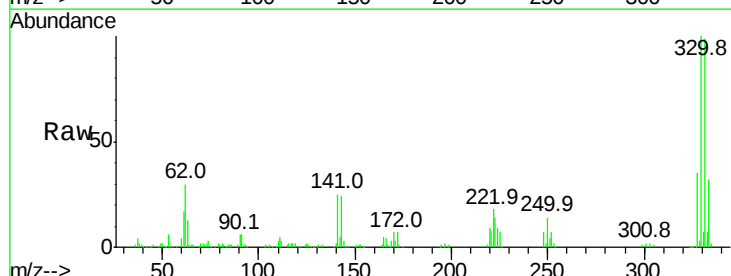
Instrument :
 BNA_F
 ClientSampleId :

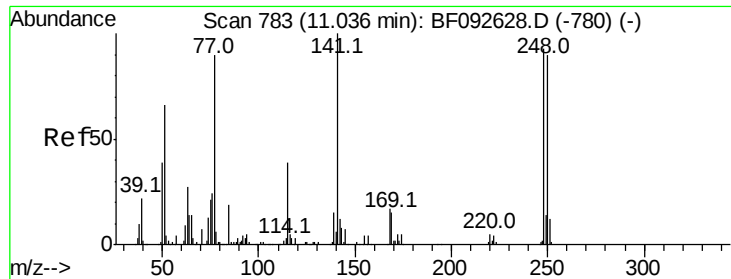
Tot Ion:188 Resp: 463755
 Ion Ratio Lower Upper
 188 100
 94 15.3 10.0 15.0#
 80 16.7 11.2 16.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.87 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.18 min
 Lab File: BF093068.D
 Acq: 21 Feb 2017 11:19

Tgt Ion:198 Resp: 606
 Ion Ratio Lower Upper
 198 100
 51 138.9 6.7 46.7#
 105 135.1 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 3.07 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.24 min

Lab File: BF093068.D

Acq: 21 Feb 2017 11:19

Instrument :

BNA_F

ClientSampleId :

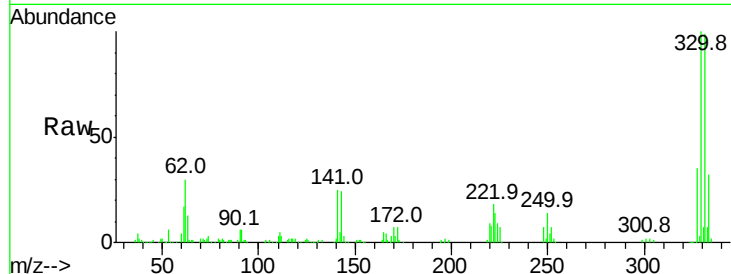
Tot Ion:248 Resp: 14898

Ion Ratio Lower Upper

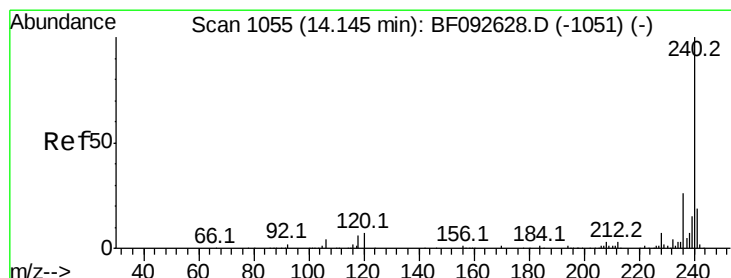
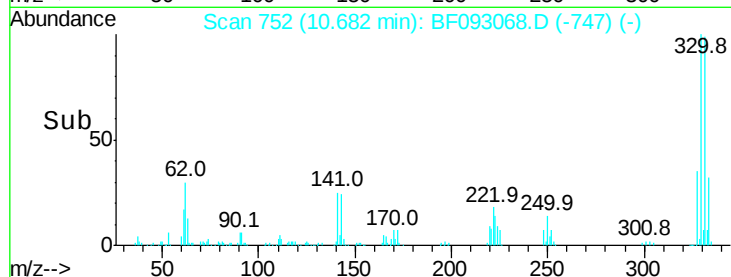
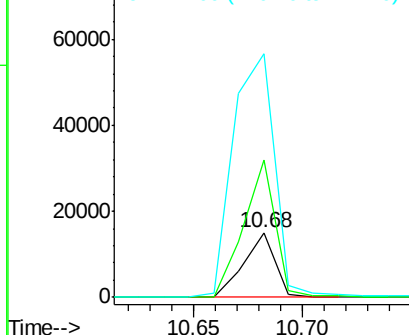
248 100

250 210.9 76.9 115.3#

141 375.3 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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093068.D

Acq: 21 Feb 2017 11:19

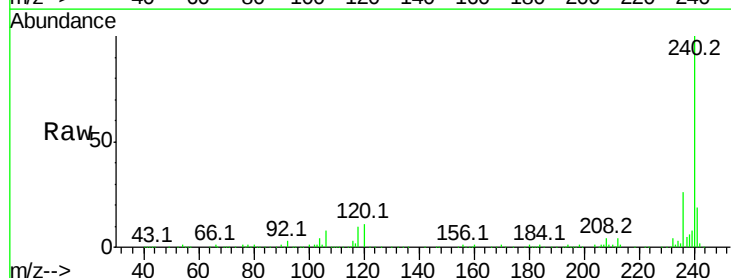
Tgt Ion:240 Resp: 316465

Ion Ratio Lower Upper

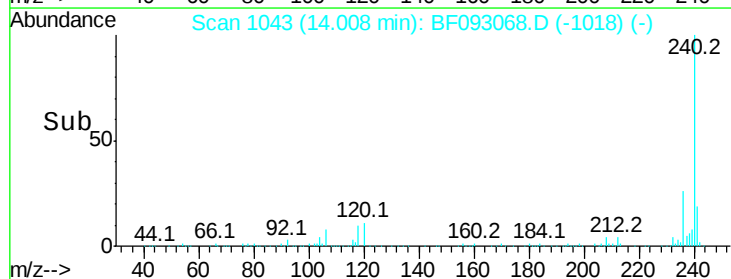
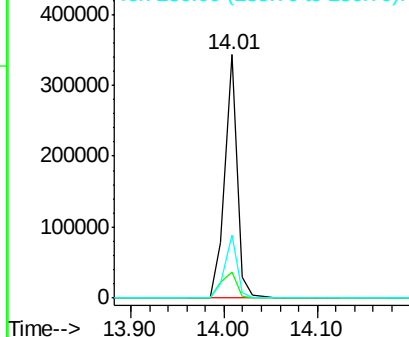
240 100

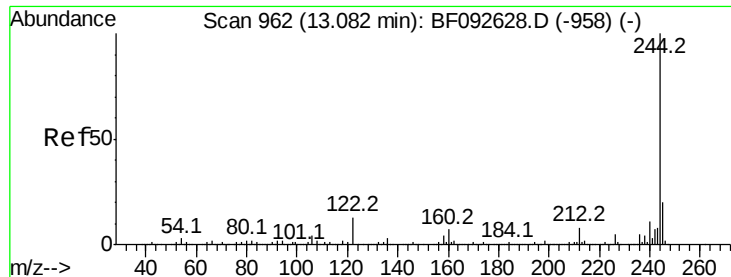
120 10.9 12.9 19.3#

236 25.8 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



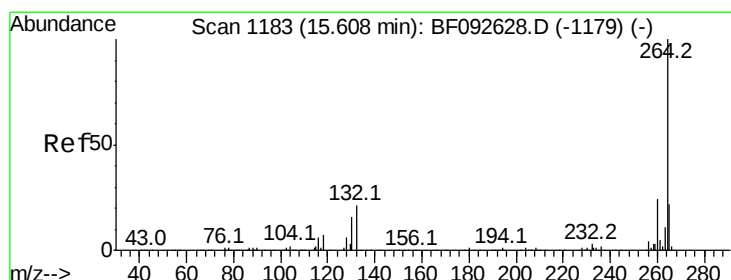
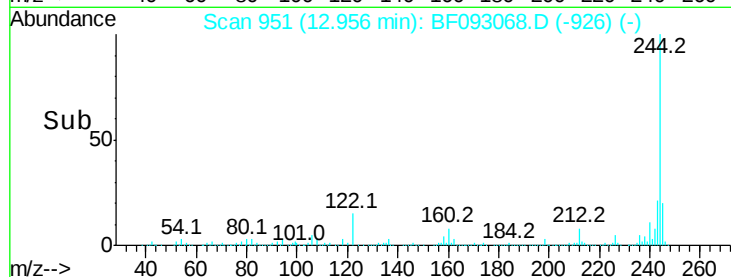
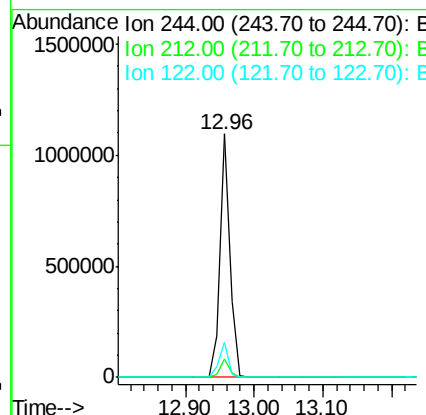
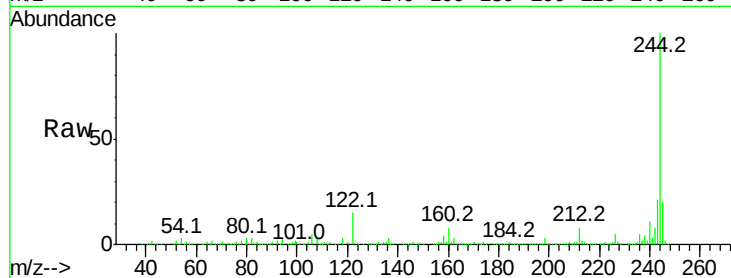


#78
 Terphenyl-d14
 Concen: 83.79 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093068.D
 Acq: 21 Feb 2017 11:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1128555

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.6	11.4	17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093068.D
 Acq: 21 Feb 2017 11:19

Tgt Ion:264 Resp: 297231

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	17.4	26.0

