

Data Path : Z:\HPCHEM1\BNA F\Data\BF022017\
 Data File : BF093070.D
 Acq On : 21 Feb 2017 12:14
 Operator : SJ/MA
 Sample : I1906-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 13:36:08 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

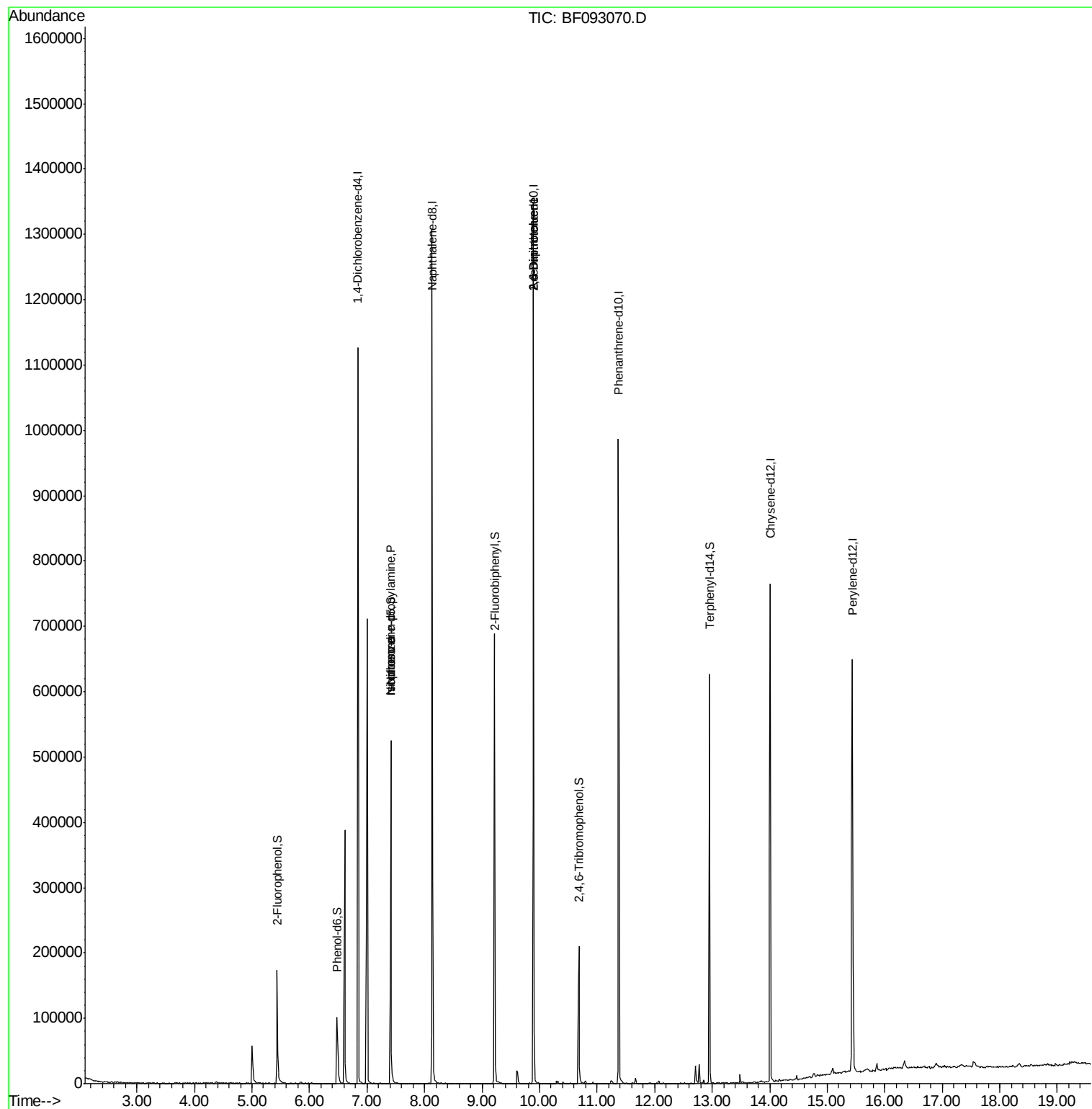
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	162489	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	582513	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	278923	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	464359	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	310270	20.00	ng	-0.01
86) Perylene-d12	15.44	264	297695	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	61896	6.54	ng	-0.01
7) Phenol-d6	6.48	99	50652	4.16	ng	-0.01
23) Nitrobenzene-d5	7.41	82	181087	17.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	33031	16.37	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	333741	21.68	ng	0.00
78) Terphenyl-d14	12.96	244	249219	18.87	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	22483	2.90	ng	# 79
25) Isophorone	7.41	82	144611	7.42	ng	# 65
50) 2,6-Dinitrotoluene	9.89	165	34318	8.46	ng	# 31
56) 2,4-Dinitrotoluene	9.89	165	34312	6.35	ng	# 20

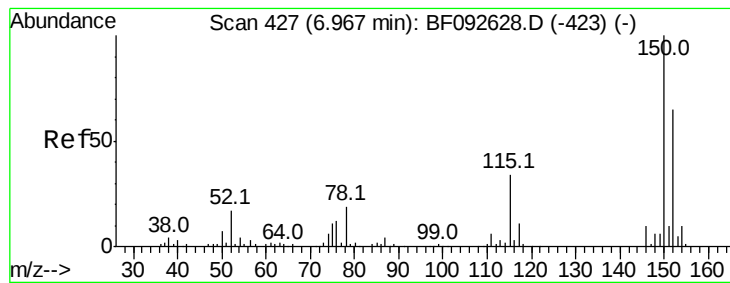
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF022017\
Data File : BF093070.D
Acq On : 21 Feb 2017 12:14
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Sample : I1906-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 21 13:36:08 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093070.D

Acq: 21 Feb 2017 12:14

Instrument :

BNA_F

ClientSampled :

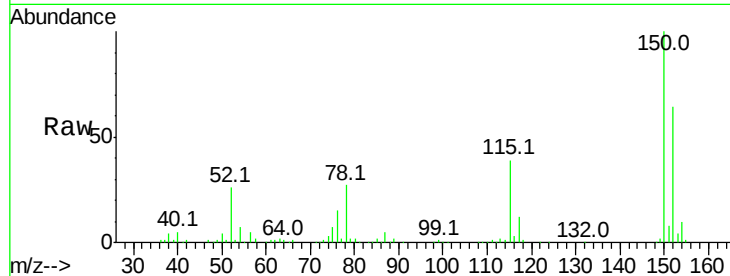
Tot Ion:152 Resp: 162489

Ion Ratio Lower Upper

152 100

150 156.4 124.9 187.3

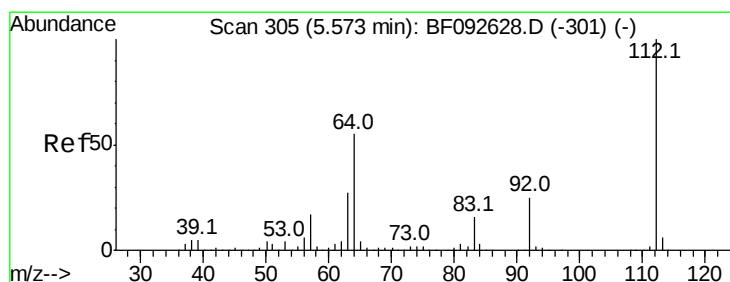
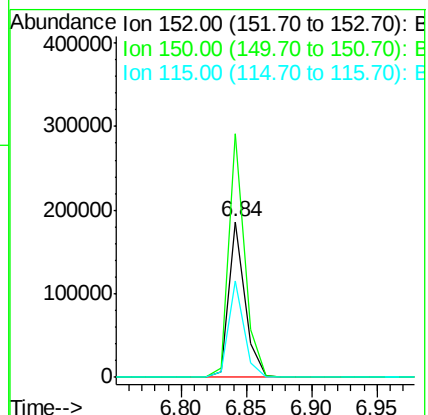
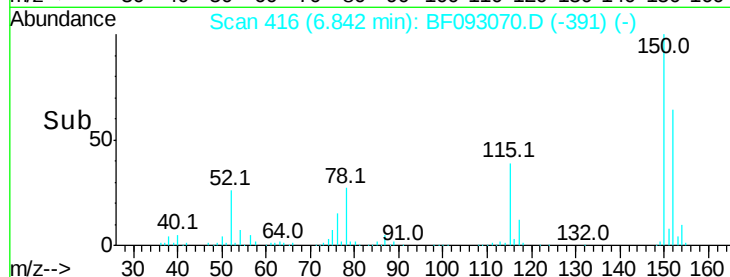
115 61.7 46.0 69.0



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: 6.54 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093070.D

Acq: 21 Feb 2017 12:14

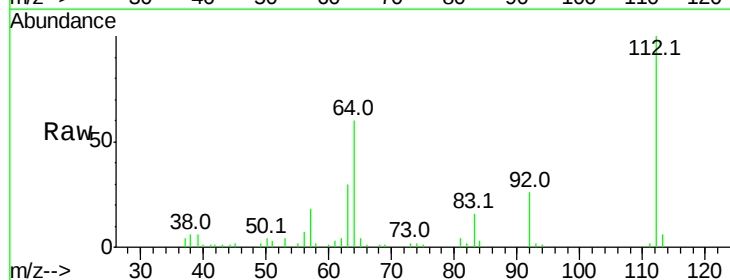
Tgt Ion:112 Resp: 61896

Ion Ratio Lower Upper

112 100

64 60.1 46.1 69.1

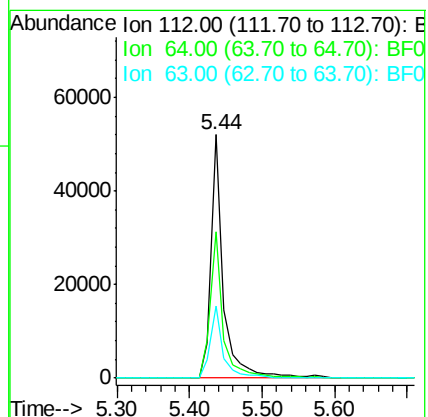
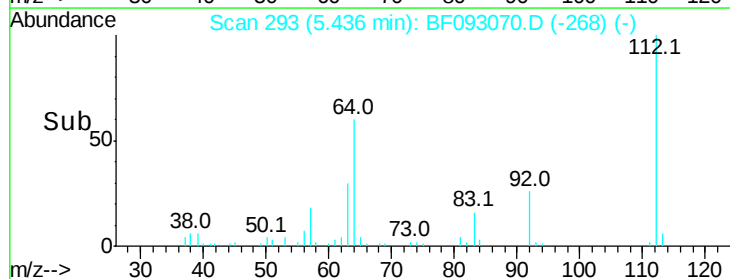
63 29.5 23.8 35.6

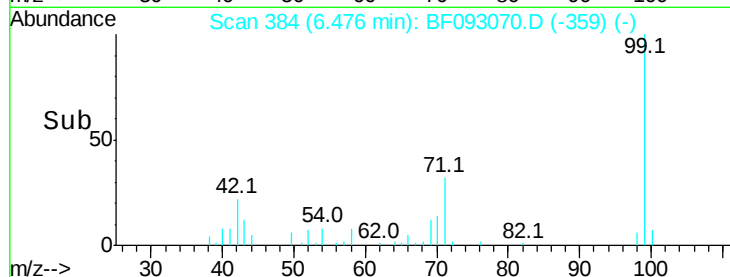
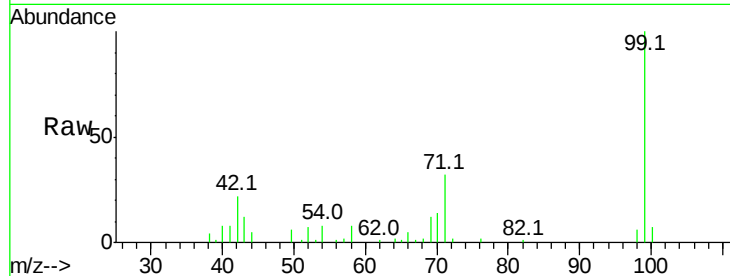
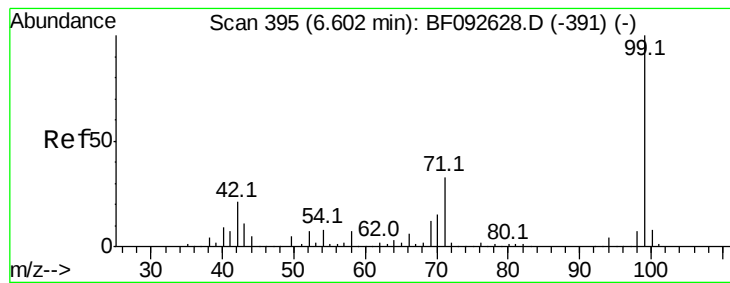


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 4.16 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093070.D

Acq: 21 Feb 2017 12:14

Instrument :

BNA_F

ClientSampleId :

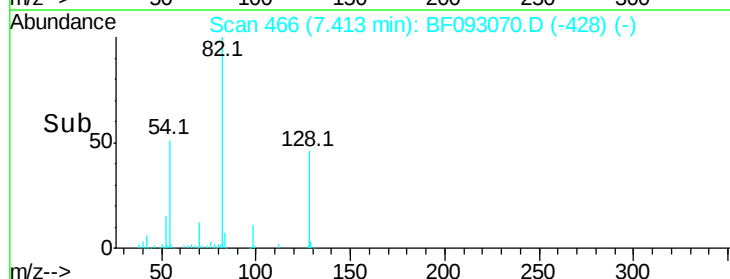
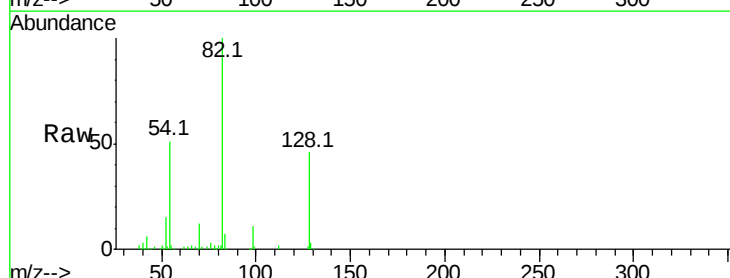
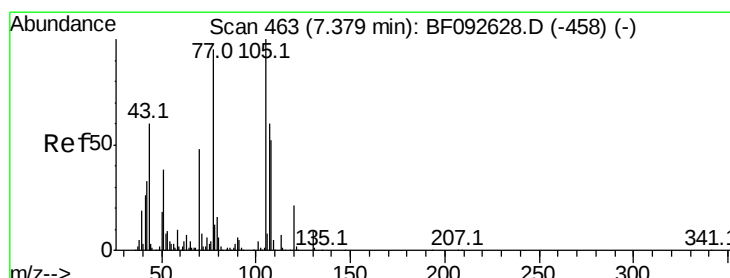
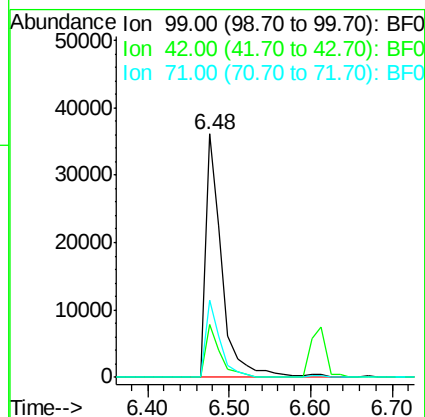
Tot Ion: 99 Resp: 50652

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

71 31.6 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.90 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF093070.D

Acq: 21 Feb 2017 12:14

Tgt Ion: 70 Resp: 22483

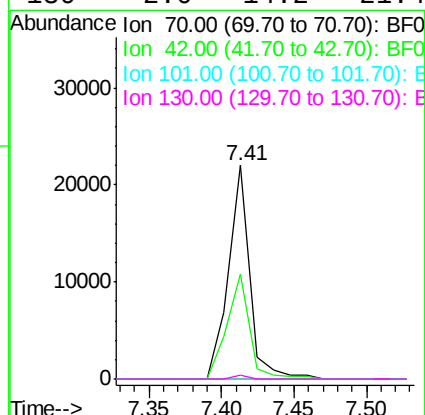
Ion Ratio Lower Upper

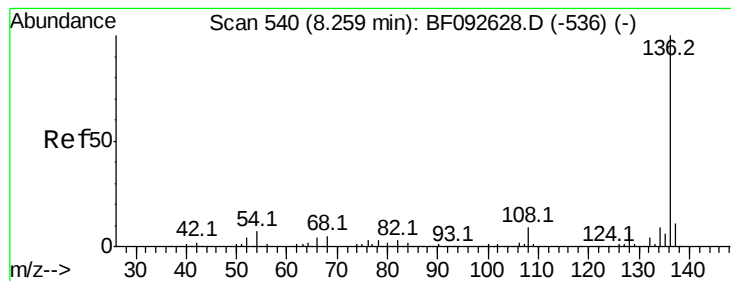
70 100

42 49.1 49.4 74.0#

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

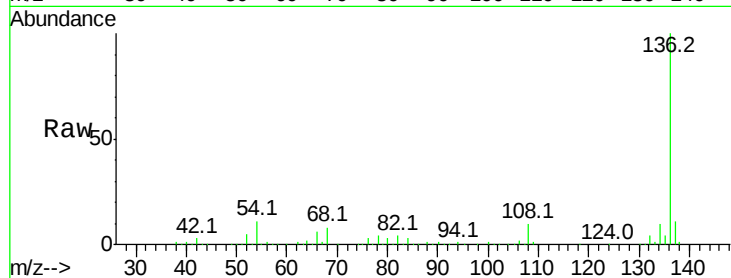




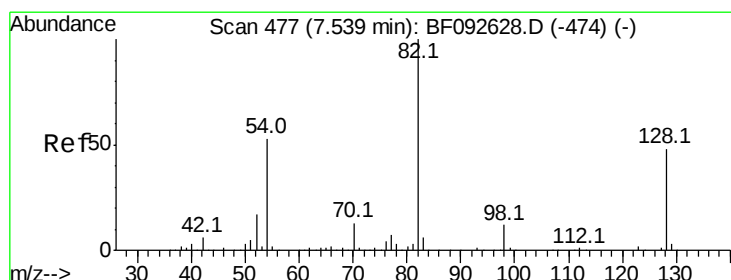
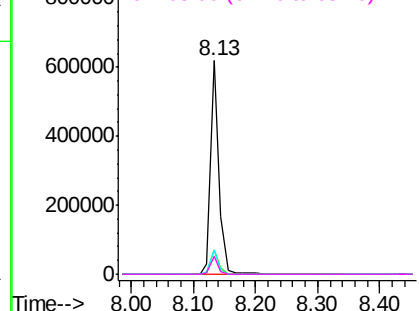
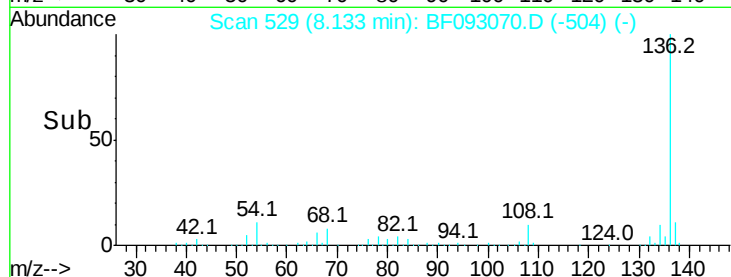
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093070.D
Acq: 21 Feb 2017 12:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	582513
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.5	4.5	6.7#
68	8.2	3.6	5.4#

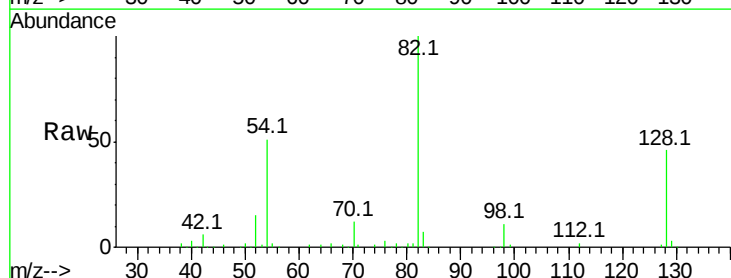


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

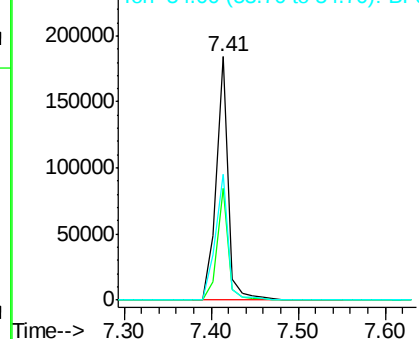
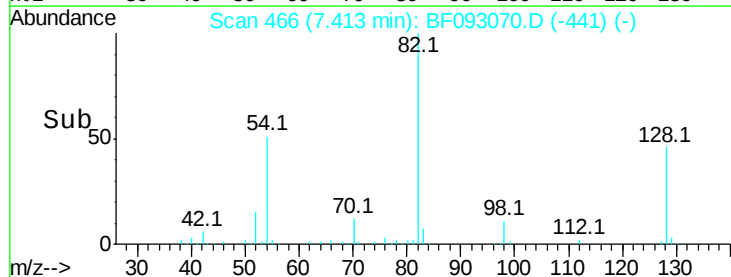


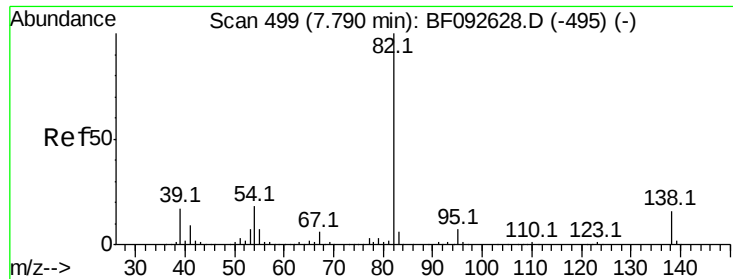
#23
Nitrobenzene-d5
Concen: 17.31 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093070.D
Acq: 21 Feb 2017 12:14

Tgt Ion:	82	Resp:	181087
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.6	52.0
54	51.5	39.5	59.3



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

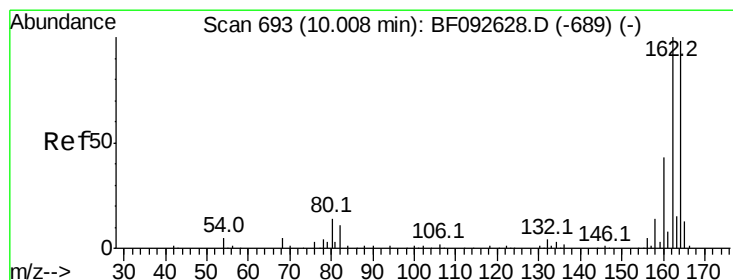
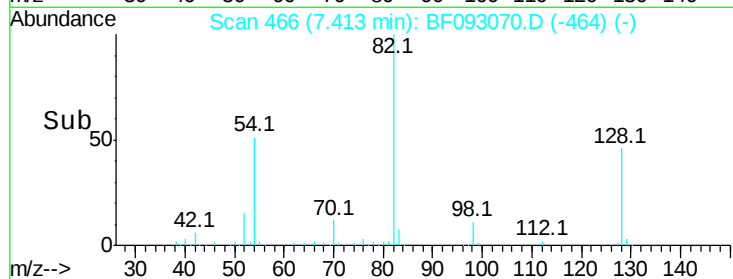
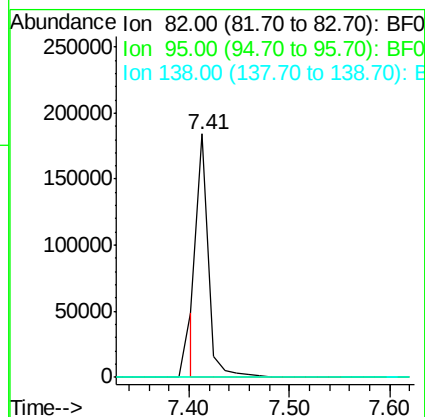
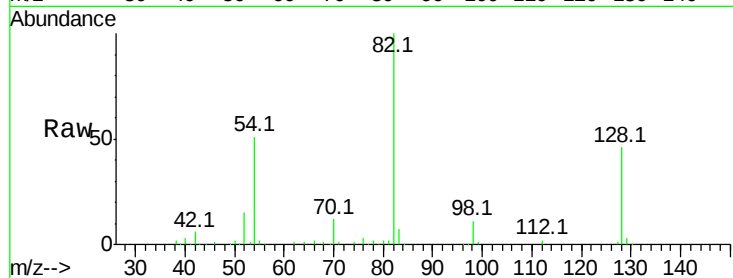




#25
Isophorone
Concen: 7.42 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.27 min
Lab File: BF093070.D
Acq: 21 Feb 2017 12:14

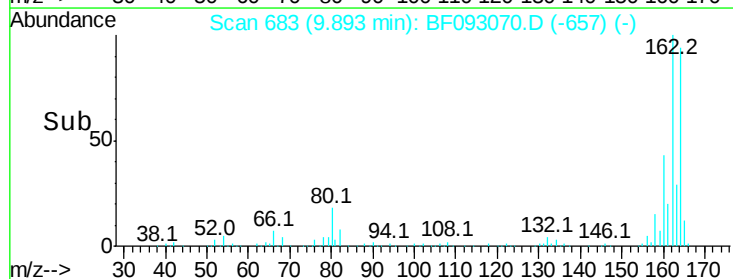
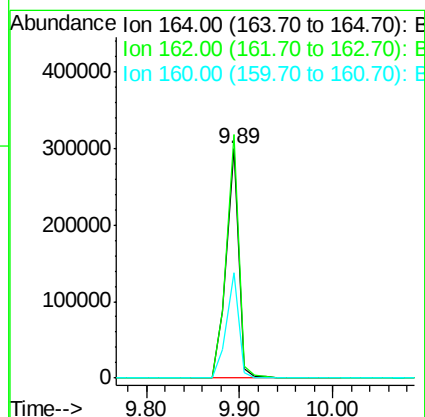
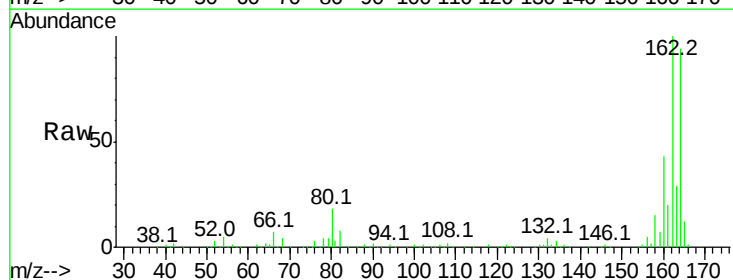
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 144611
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: BF093070.D
Acq: 21 Feb 2017 12:14

Tgt Ion:164 Resp: 278923
Ion Ratio Lower Upper
164 100
162 106.4 80.2 120.2
160 45.8 36.9 55.3

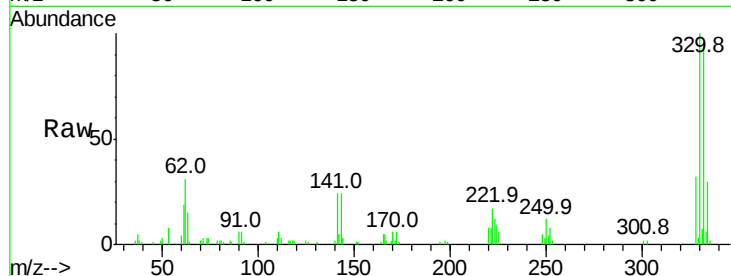




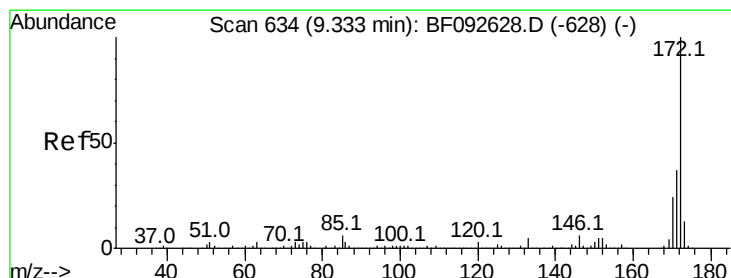
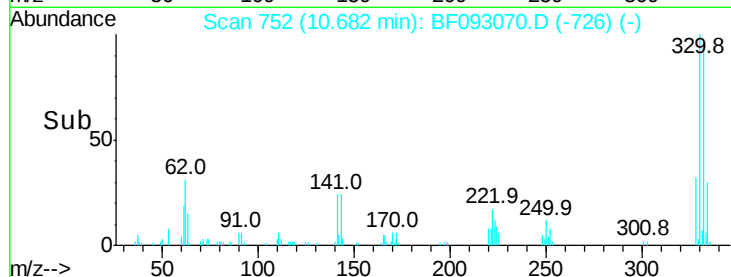
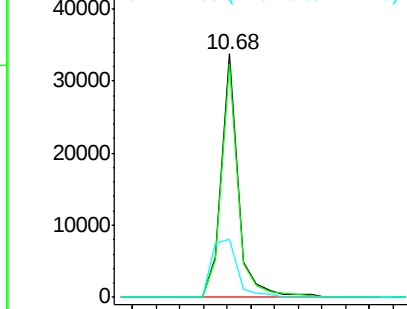
#41
 2,4,6-Tribromophenol
 Concen: 16.37 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093070.D
 Acq: 21 Feb 2017 12:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 33031
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.2
 141 36.4 34.1 51.1

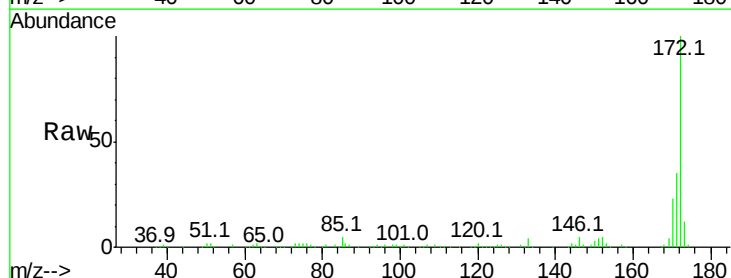


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

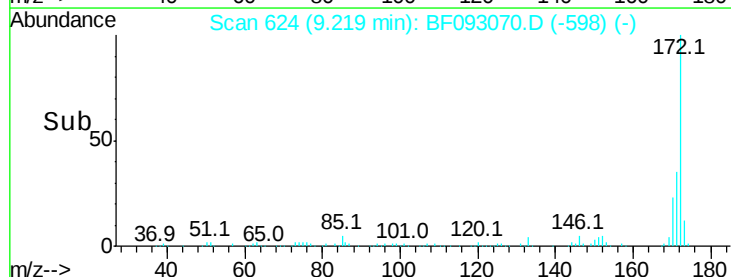
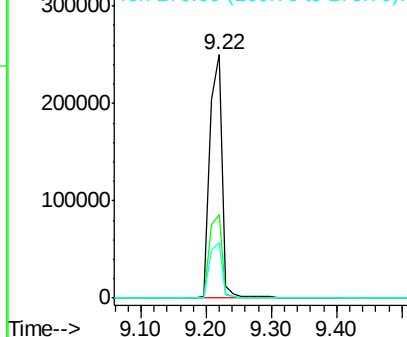


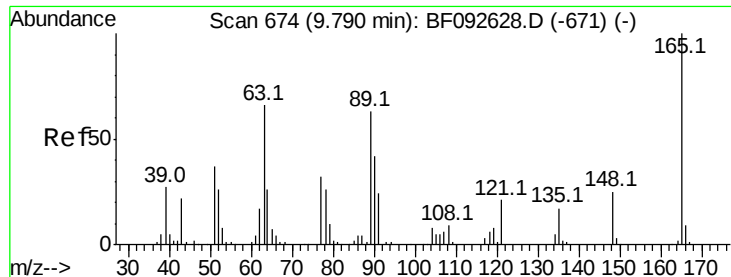
#44
 2-Fluorobiphenyl
 Concen: 21.68 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093070.D
 Acq: 21 Feb 2017 12:14

Tgt Ion:172 Resp: 333741
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.4 44.0
 170 22.6 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

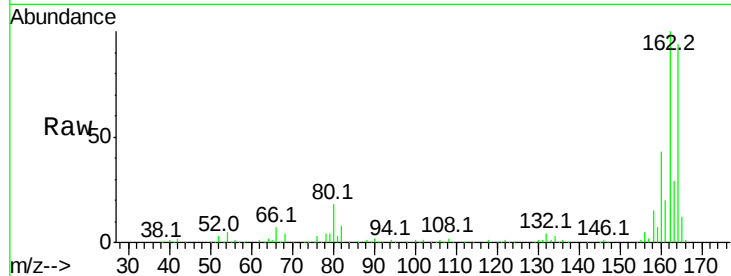




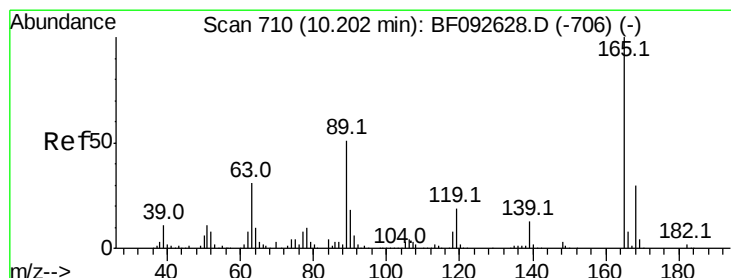
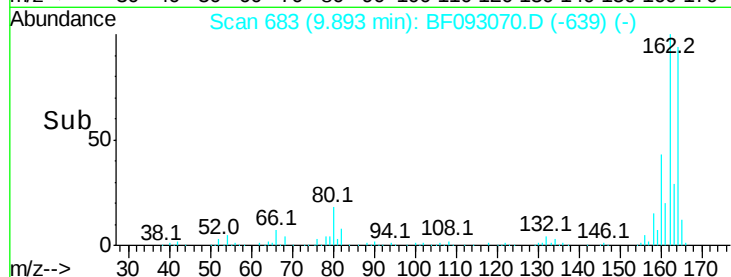
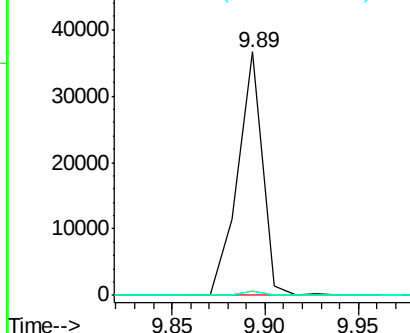
#50
 2,6-Dinitrotoluene
 Concen: 8.46 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.21 min
 Lab File: BF093070.D
 Acq: 21 Feb 2017 12:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 34318
 Ion Ratio Lower Upper
 165 100
 63 1.7 36.2 54.4#
 89 1.5 40.2 60.4#

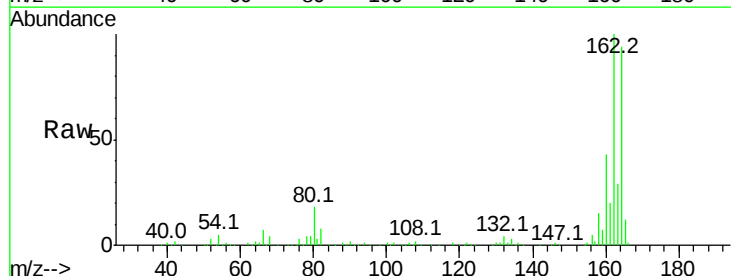


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

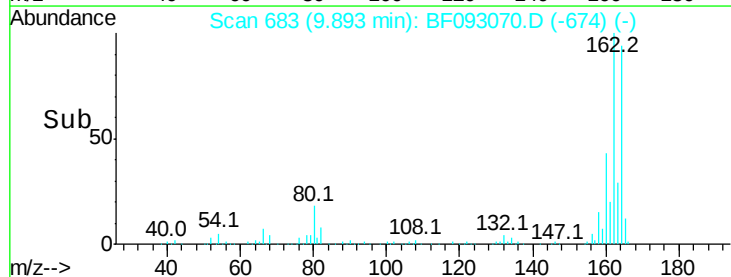
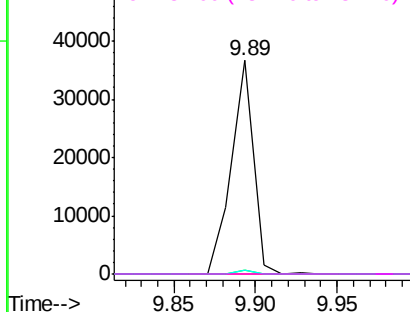


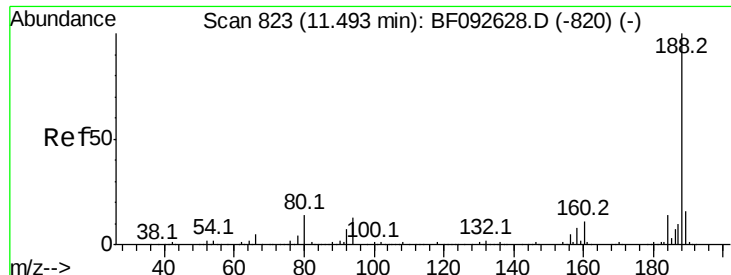
#56
 2,4-Dinitrotoluene
 Concen: 6.35 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.19 min
 Lab File: BF093070.D
 Acq: 21 Feb 2017 12:14

Tgt Ion:165 Resp: 34312
 Ion Ratio Lower Upper
 165 100
 63 1.7 40.2 60.4#
 89 1.5 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

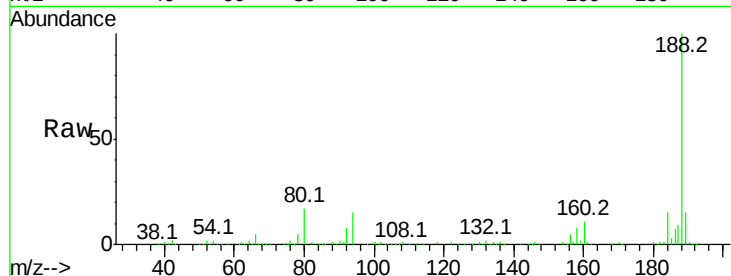




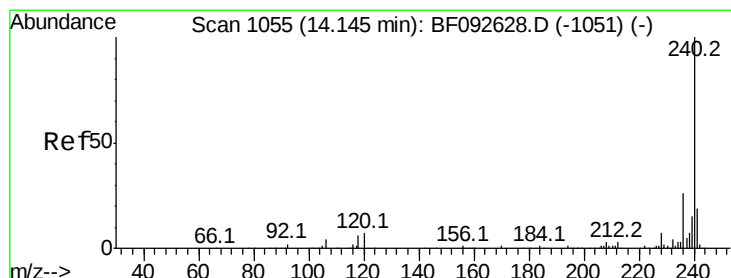
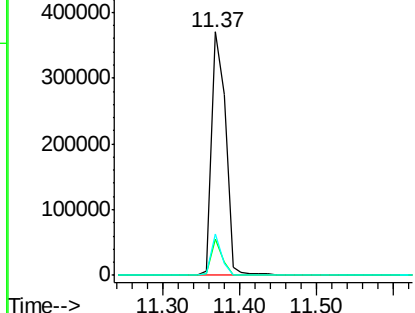
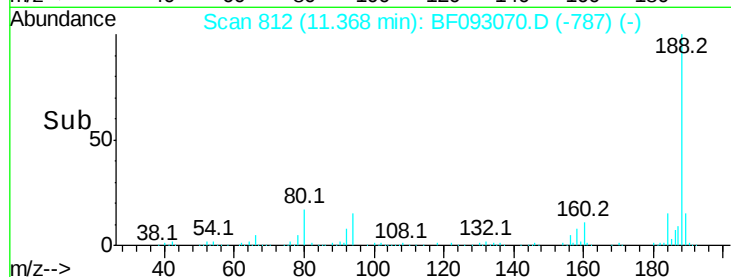
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF093070.D
 Acq: 21 Feb 2017 12:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 464359
 Ion Ratio Lower Upper
 188 100
 94 15.1 10.0 15.0#
 80 16.8 11.2 16.8#

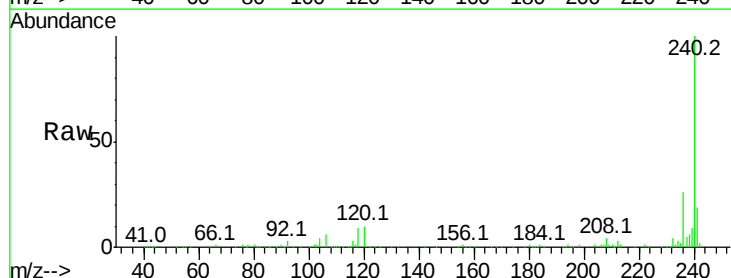


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

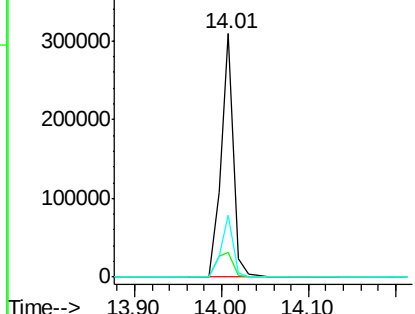
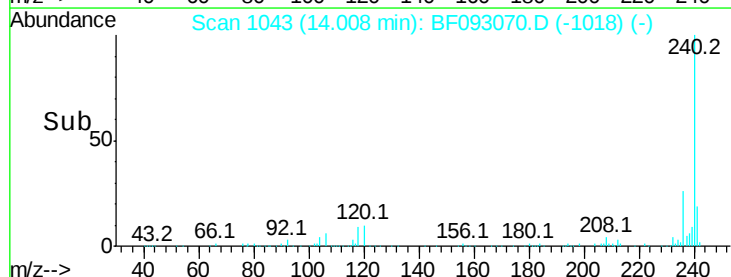


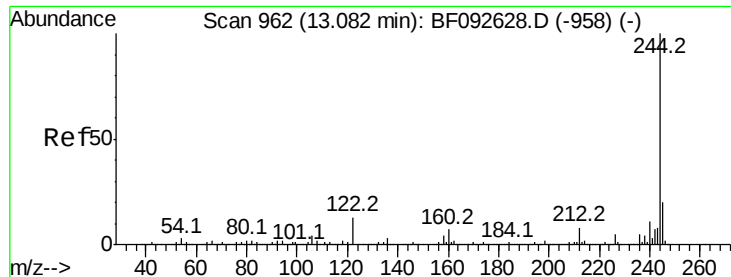
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF093070.D
 Acq: 21 Feb 2017 12:14

Tgt Ion:240 Resp: 310270
 Ion Ratio Lower Upper
 240 100
 120 10.4 12.9 19.3#
 236 25.6 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

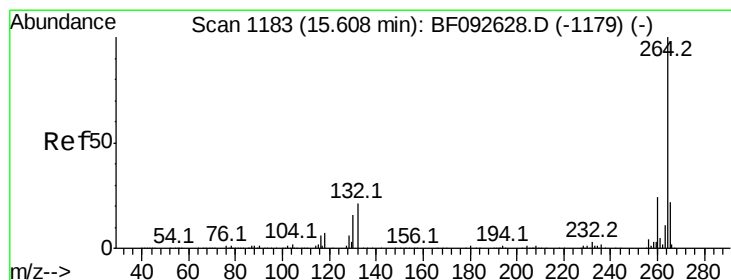
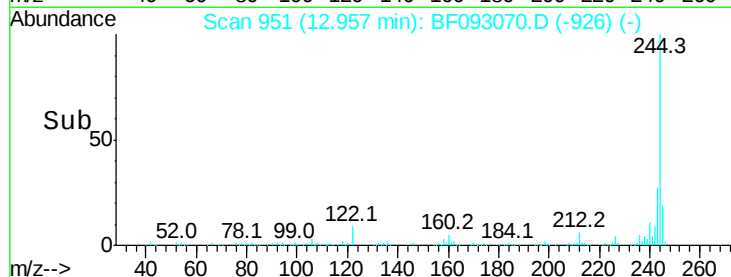
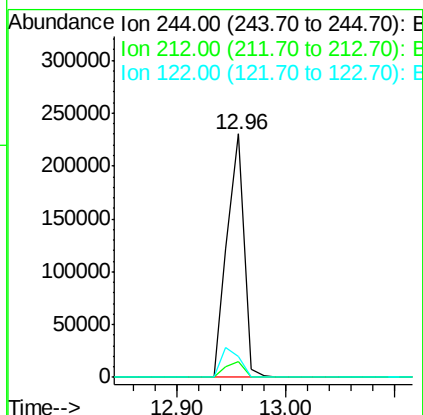
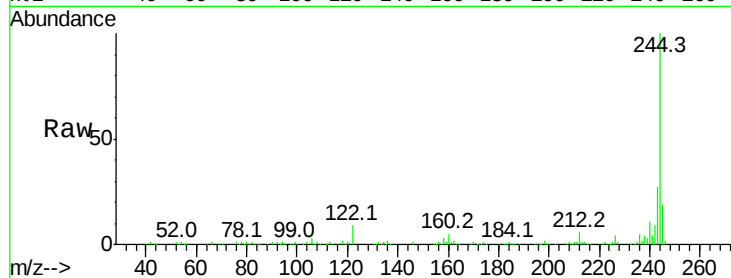




#78
 Terphenyl-d14
 Concen: 18.87 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093070.D
 Acq: 21 Feb 2017 12:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 249219
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.2 9.2
 122 8.8 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: BF093070.D
 Acq: 21 Feb 2017 12:14

Tgt Ion:264 Resp: 297695
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.1 17.4 26.0

