

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091413.D
 Acq On : 3 Dec 2016 2:20
 Operator : UM/SJ
 Sample : H5829-02 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHWALL-120116

Quant Time: Dec 03 03:06:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

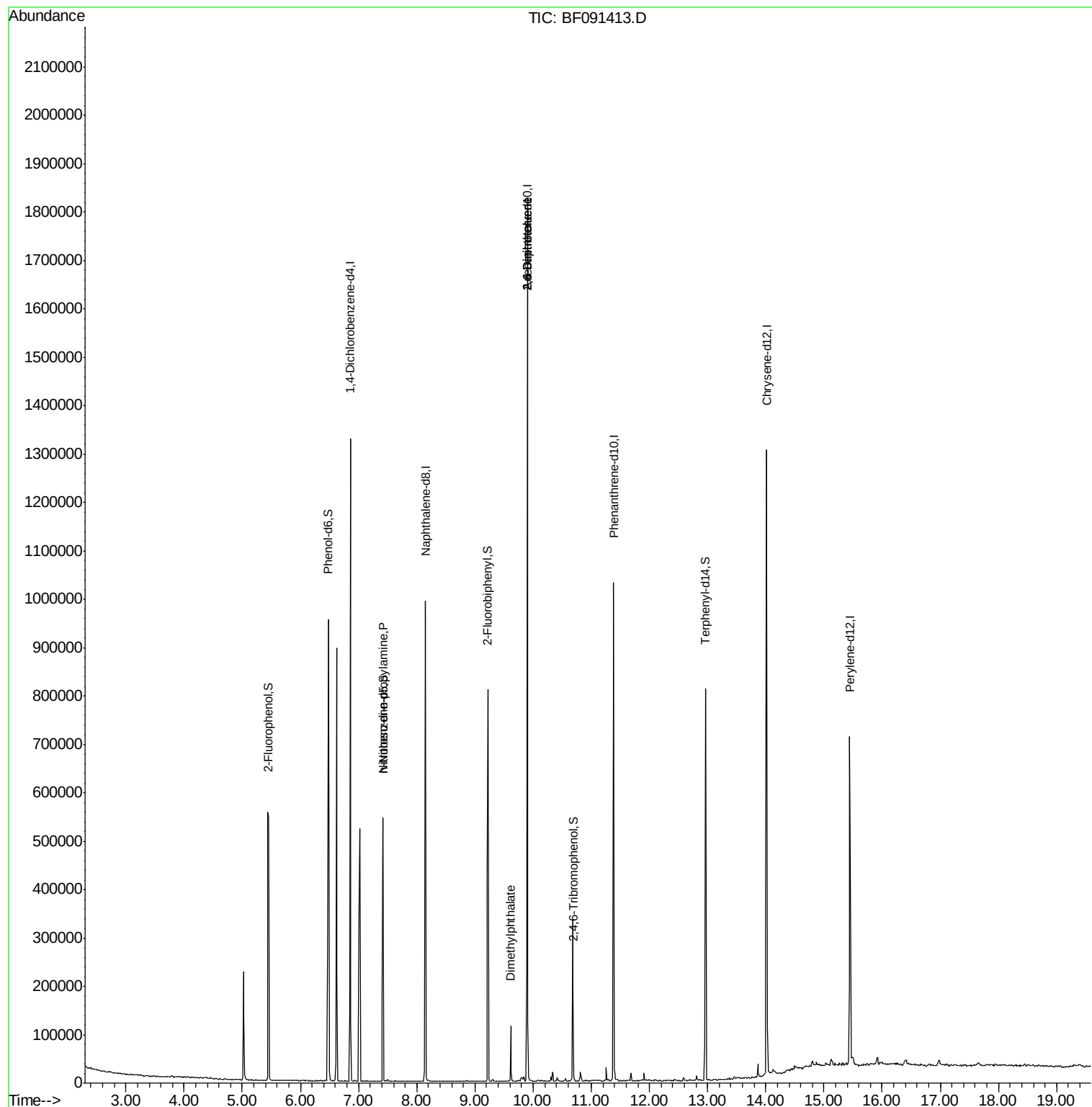
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	173370	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	651653	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	365398	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	529717	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	448752	20.00	ng	-0.03
86) Perylene-d12	15.44	264	338880	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	205205	19.34	ng	-0.02
7) Phenol-d6	6.48	99	290286	22.22	ng	-0.02
23) Nitrobenzene-d5	7.42	82	156241	13.44	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	47216	13.65	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	308736	15.30	ng	-0.02
78) Terphenyl-d14	12.96	244	242512	11.75	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	20450	2.48	ng	# 72
49) Dimethylphthalate	9.61	163	44307	2.00	ng	97
50) 2,6-Dinitrotoluene	9.90	165	48007	9.71	ng	# 16
56) 2,4-Dinitrotoluene	9.90	165	48009	7.48	ng	# 33

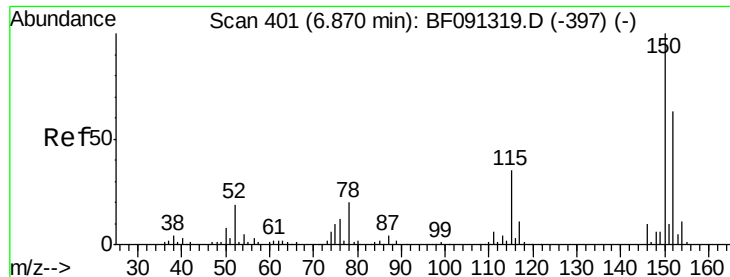
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091413.D

Acq: 3 Dec 2016 2:20

Instrument :

BNA_F

ClientSampleId :

SOUTHWALL-120116

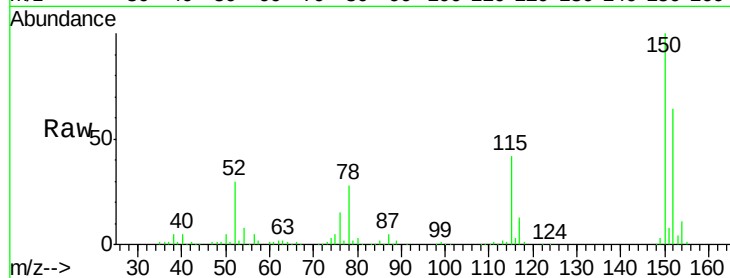
Tgt Ion:152 Resp: 173370

Ion Ratio Lower Upper

152 100

150 155.4 122.5 183.7

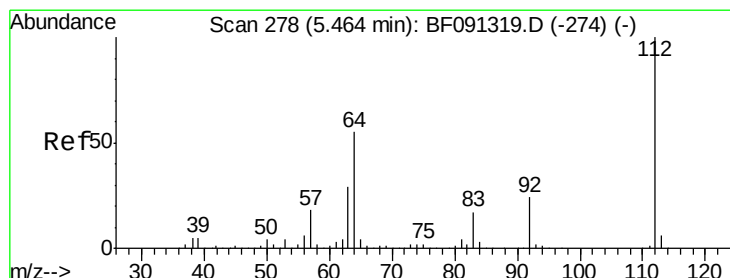
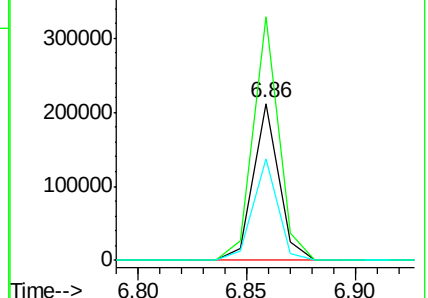
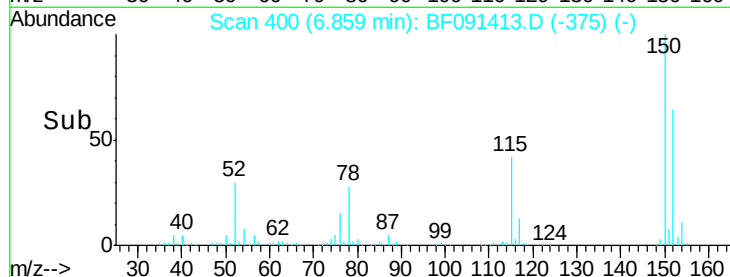
115 64.6 51.8 77.8



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: 19.34 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091413.D

Acq: 3 Dec 2016 2:20

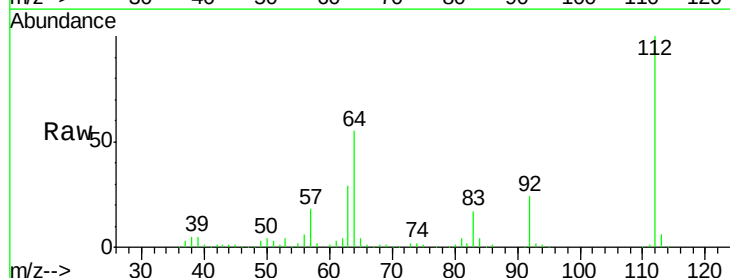
Tgt Ion:112 Resp: 205205

Ion Ratio Lower Upper

112 100

64 55.3 61.5 92.3#

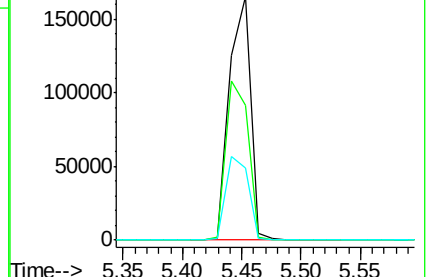
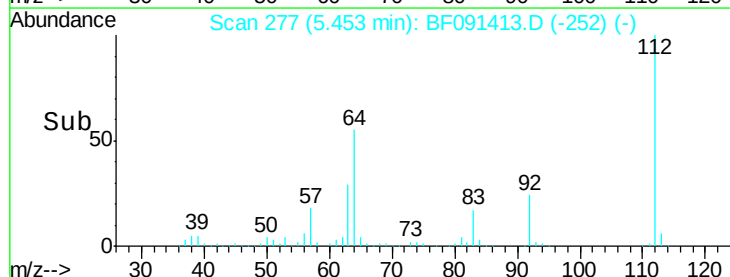
63 29.4 33.3 49.9#

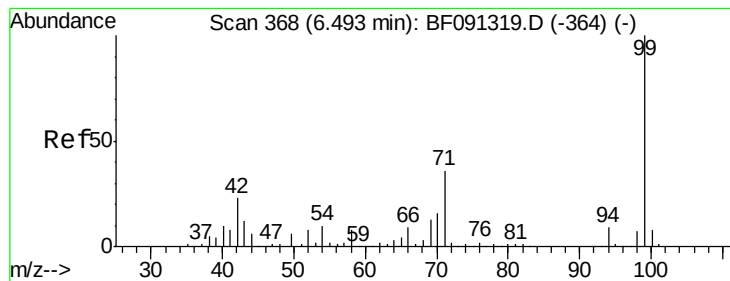


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.22 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091413.D

Acq: 3 Dec 2016 2:20

Instrument :

BNA_F

ClientSampleId :

SOUTHWALL-120116

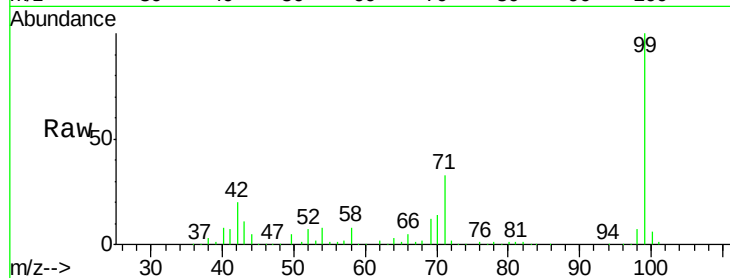
Tgt Ion: 99 Resp: 290286

Ion Ratio Lower Upper

99 100

42 19.8 20.6 31.0#

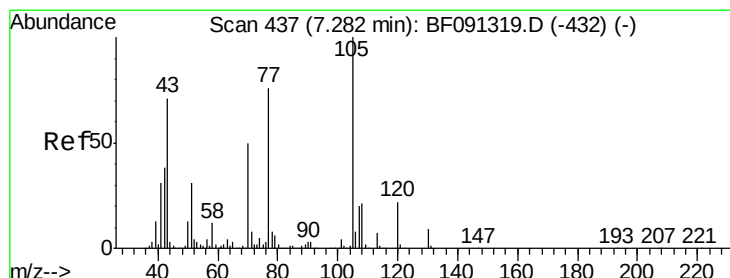
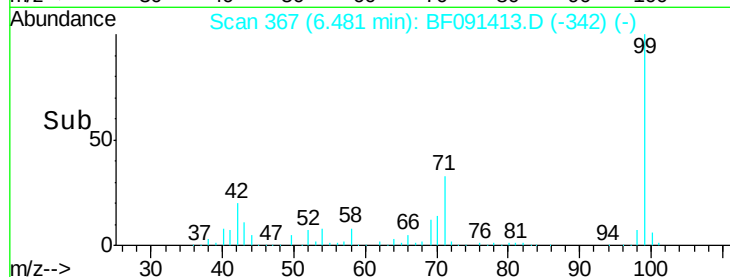
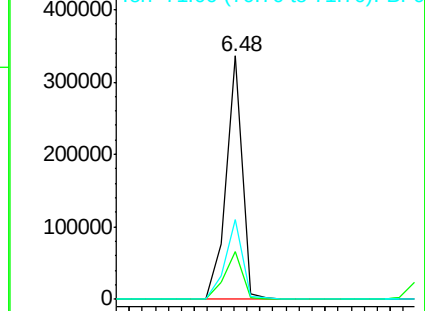
71 33.0 29.9 44.9



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: 2.48 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.12 min

Lab File: BF091413.D

Acq: 3 Dec 2016 2:20

Tgt Ion: 70 Resp: 20450

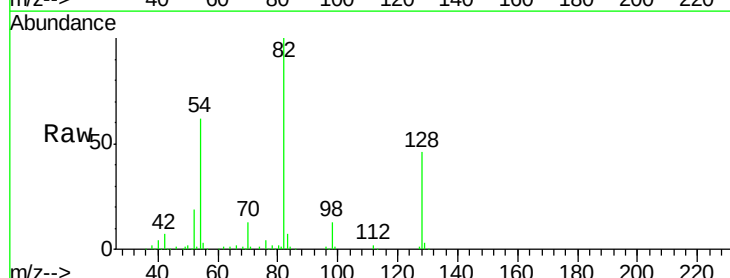
Ion Ratio Lower Upper

70 100

42 56.2 64.8 97.2#

101 0.0 6.2 9.4#

130 2.2 11.7 17.5#

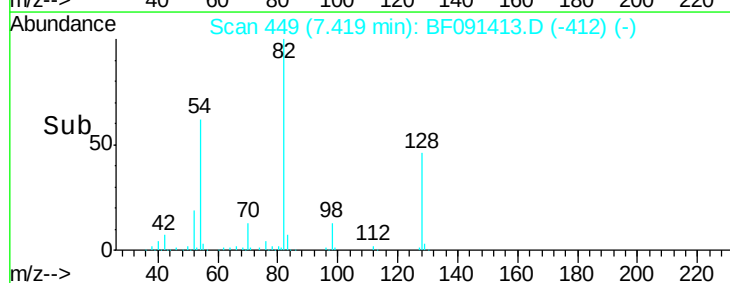
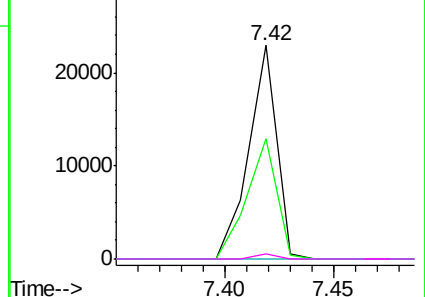


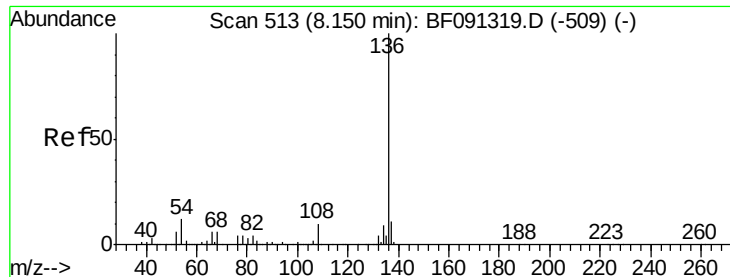
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091413.D

Acq: 3 Dec 2016 2:20

Instrument :

BNA_F

ClientSampleId :

SOUTHWALL-120116

Tgt Ion: 136 Resp: 651653

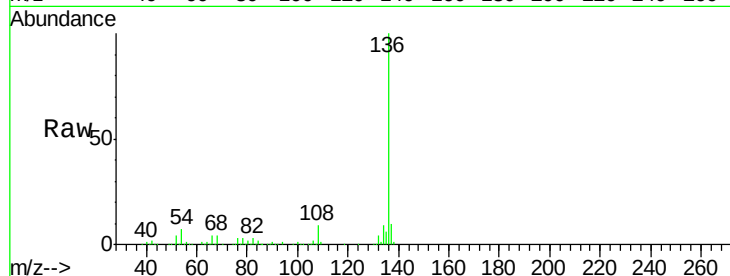
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 7.4 9.1 13.7#

68 3.8 5.9 8.9#

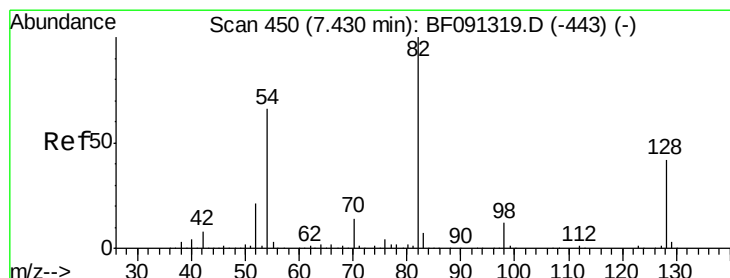
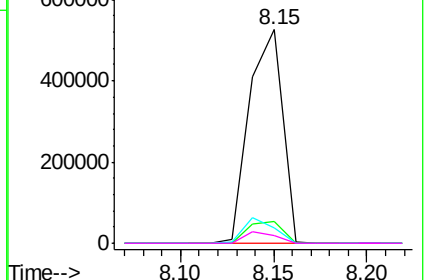
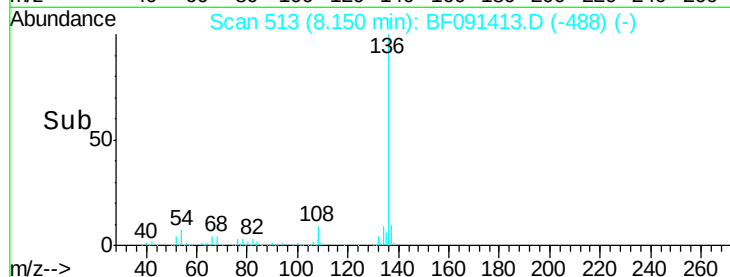


Abundance Ion 136.00 (135.70 to 136.70): E

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: 13.44 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF091413.D

Acq: 3 Dec 2016 2:20

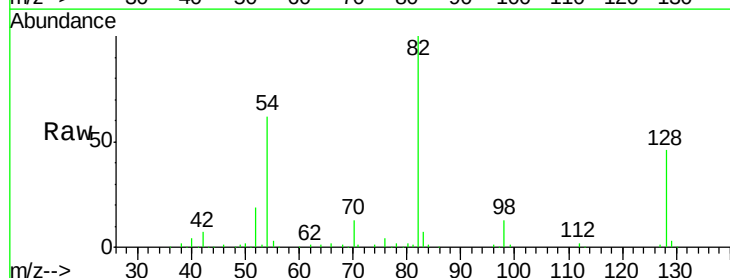
Tgt Ion: 82 Resp: 156241

Ion Ratio Lower Upper

82 100

128 45.8 31.8 47.6

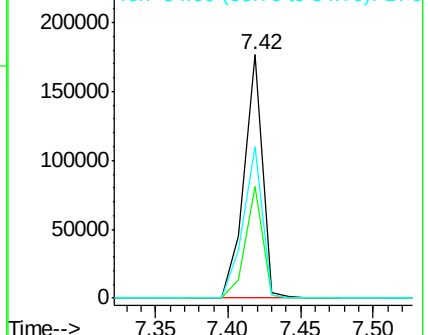
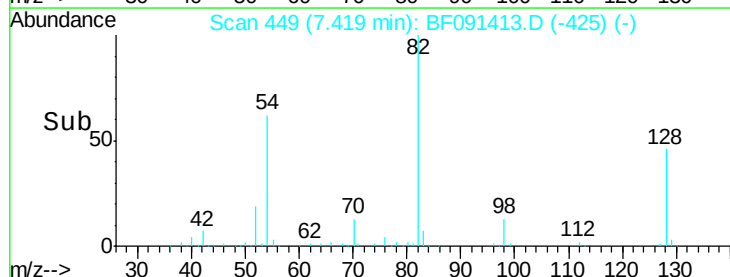
54 62.0 49.1 73.7

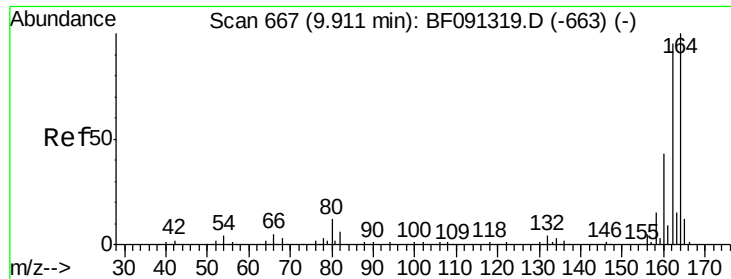


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

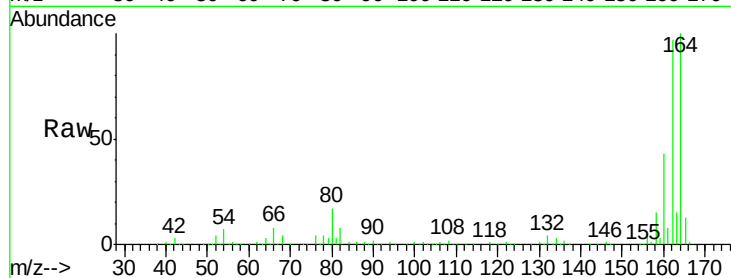




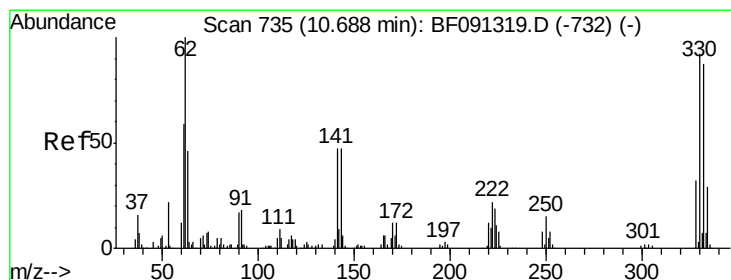
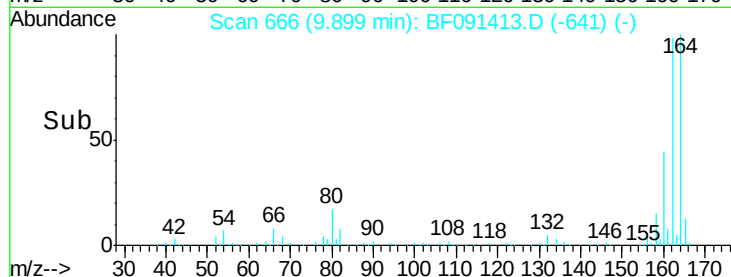
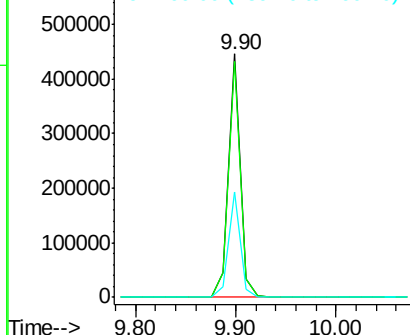
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091413.D
Acq: 3 Dec 2016 2:20

Instrument :
BNA_F
ClientSampleId :
SOUTHWALL-120116

Tgt Ion:164 Resp: 365398
Ion Ratio Lower Upper
164 100
162 97.0 82.6 124.0
160 43.4 36.7 55.1

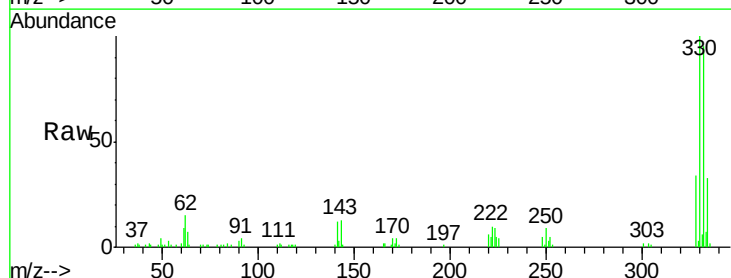


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

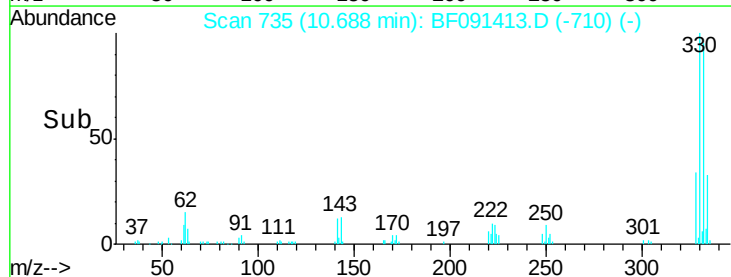
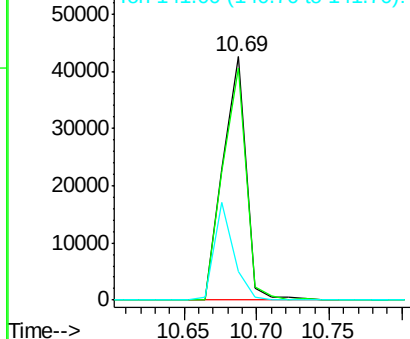


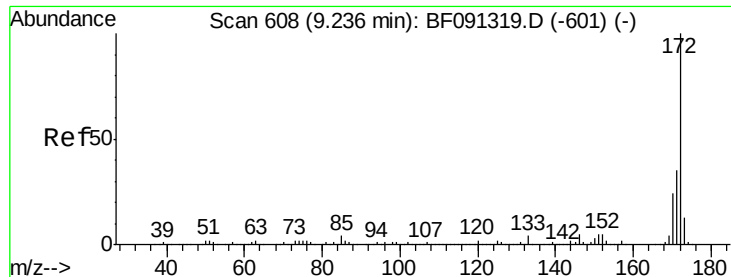
#41
2,4,6-Tribromophenol
Concen: 13.65 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091413.D
Acq: 3 Dec 2016 2:20

Tgt Ion:330 Resp: 47216
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 33.6 33.6 50.4#



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

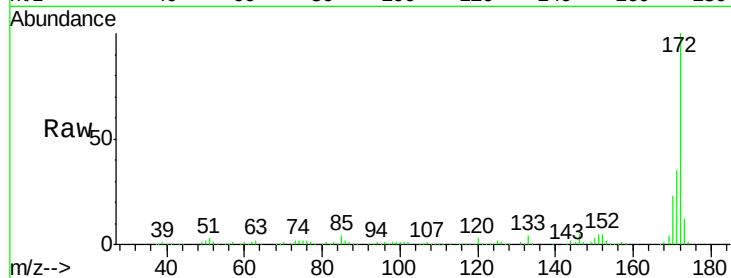




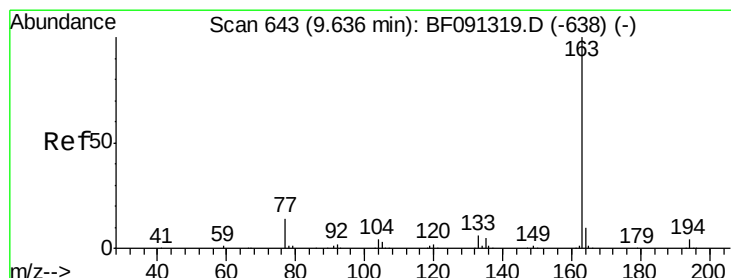
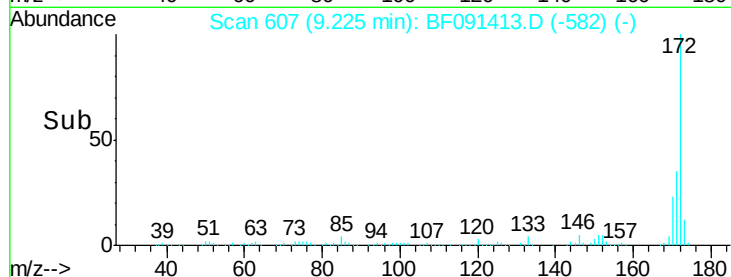
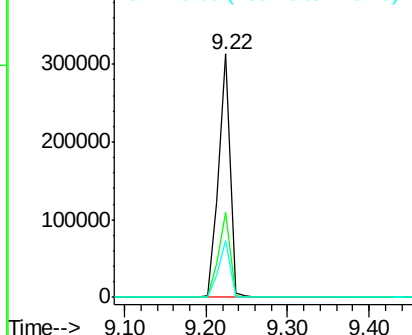
#44
2-Fluorobiphenyl
Concen: 15.30 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091413.D
Acq: 3 Dec 2016 2:20

Instrument :
BNA_F
ClientSampleId :
SOUTHWALL-120116

Tgt Ion:172 Resp: 308736
Ion Ratio Lower Upper
172 100
171 35.1 29.4 44.0
170 23.3 19.7 29.5

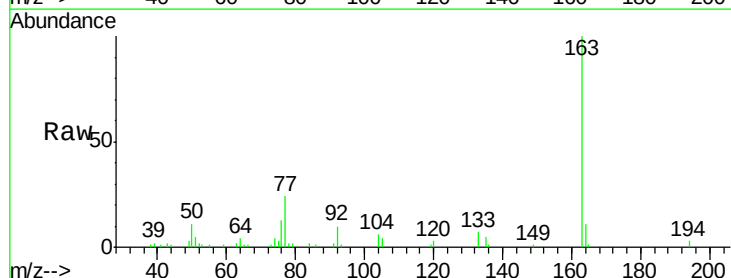


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

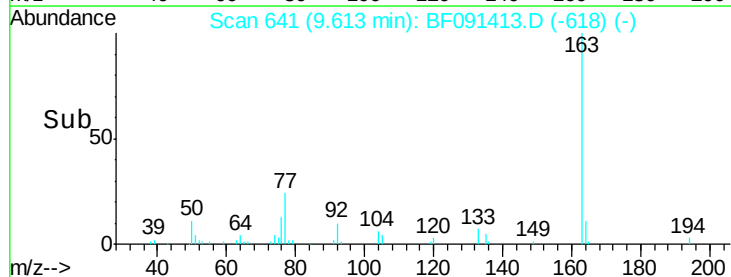
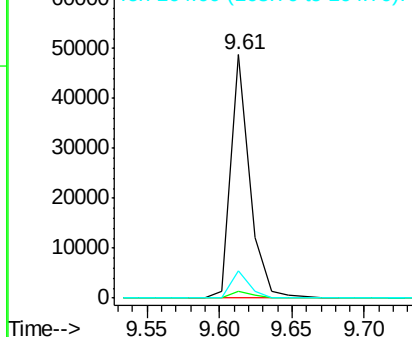


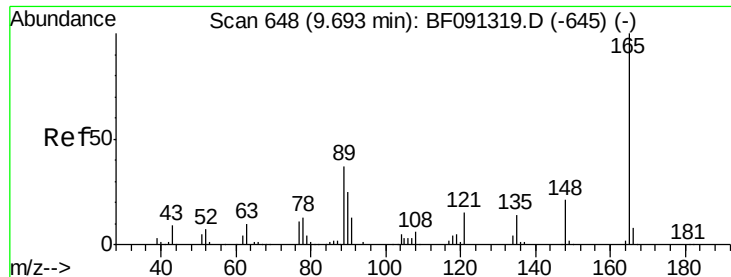
#49
Dimethylphthalate
Concen: 2.00 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091413.D
Acq: 3 Dec 2016 2:20

Tgt Ion:163 Resp: 44307
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 11.1 7.8 11.8



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

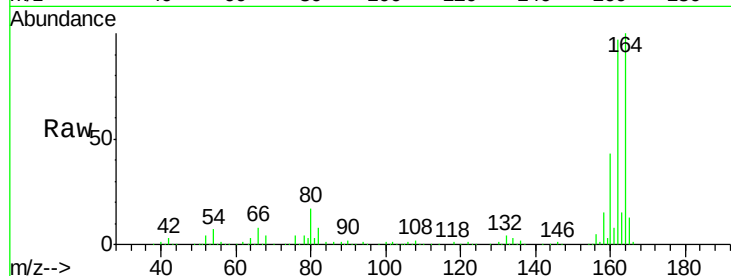




#50
 2,6-Dinitrotoluene
 Concen: 9.71 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.20 min
 Lab File: BF091413.D
 Acq: 3 Dec 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHWALL-120116

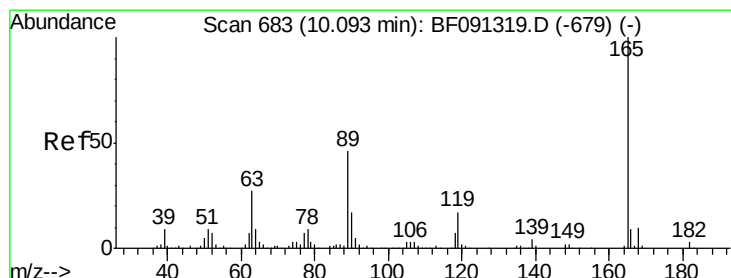
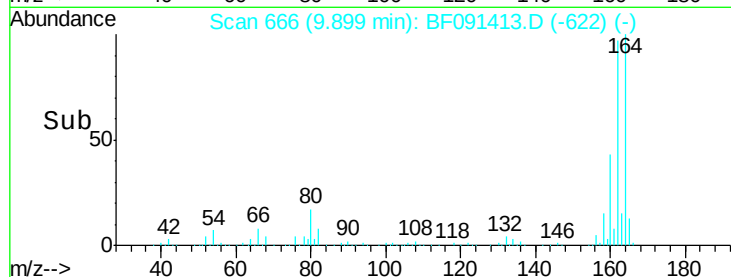
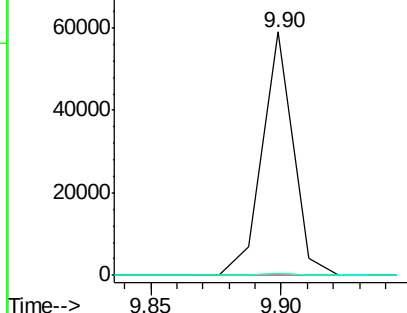
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	59.4	89.0#
89	0.7	50.8	76.2#



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: 7.48 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.20 min
 Lab File: BF091413.D
 Acq: 3 Dec 2016 2:20

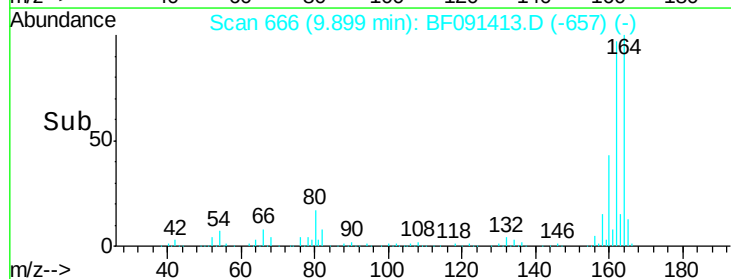
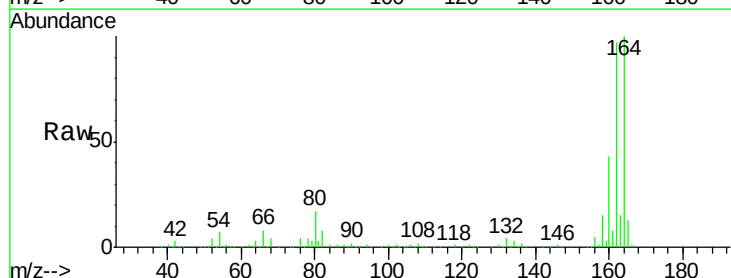
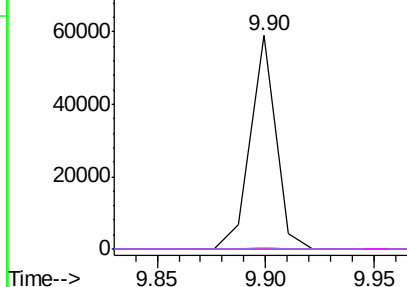
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.0	43.4#
89	0.7	43.1	64.7#
182	0.0	1.9	2.9#

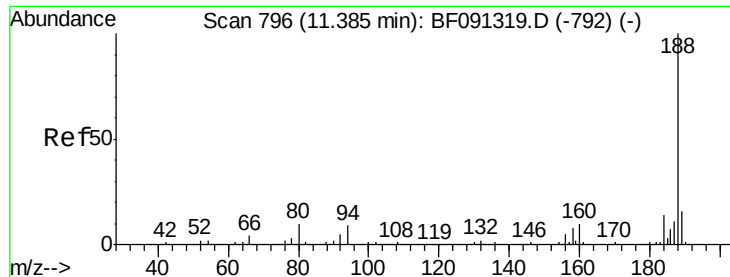
Abundance Ion 165.00 (164.70 to 165.70): E

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

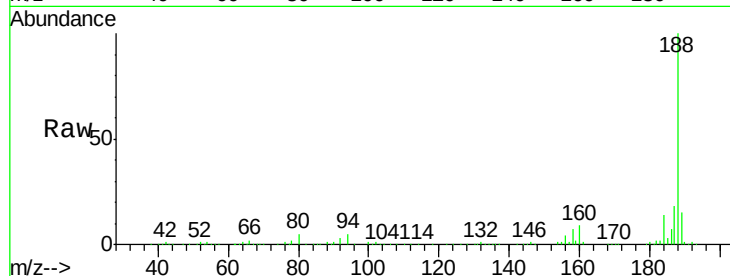




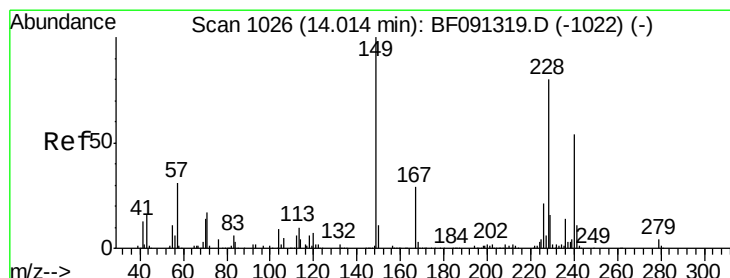
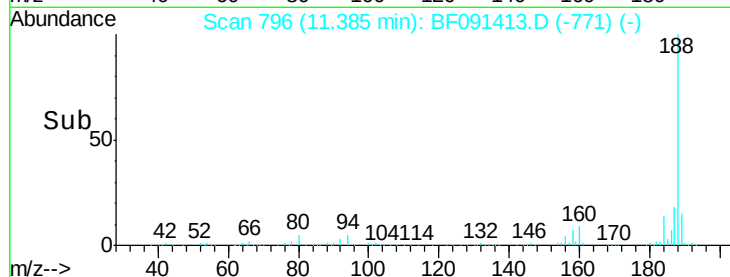
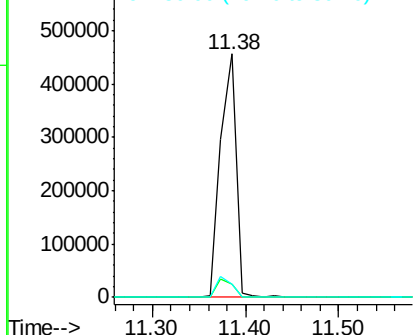
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091413.D
Acq: 3 Dec 2016 2:20

Instrument :
BNA_F
ClientSampleId :
SOUTHWALL-120116

Tgt Ion:188 Resp: 529717
Ion Ratio Lower Upper
188 100
94 5.3 9.2 13.8#
80 5.5 10.5 15.7#

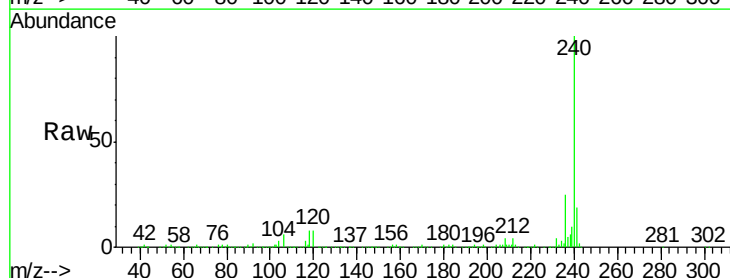


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

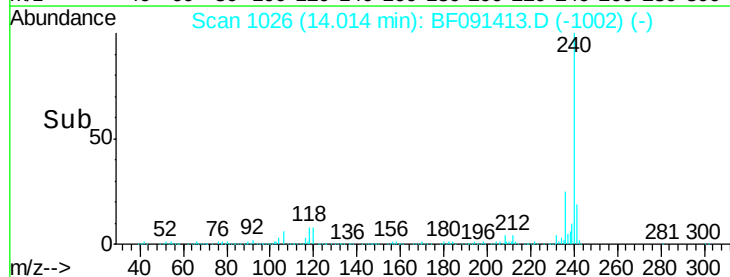
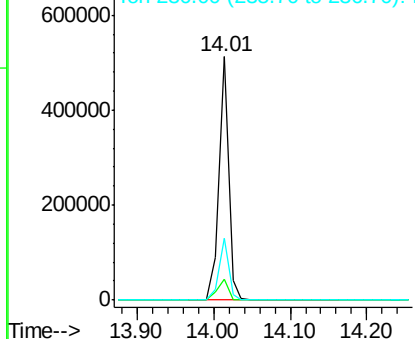


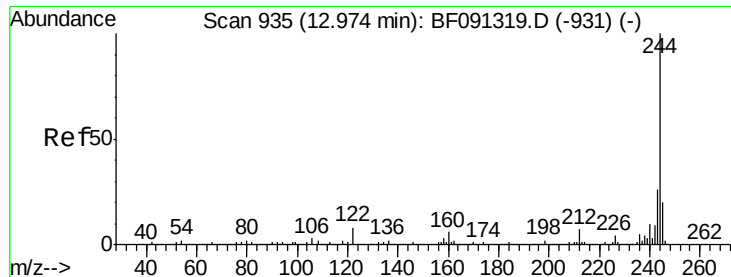
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091413.D
Acq: 3 Dec 2016 2:20

Tgt Ion:240 Resp: 448752
Ion Ratio Lower Upper
240 100
120 8.4 12.1 18.1#
236 25.4 21.0 31.6



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

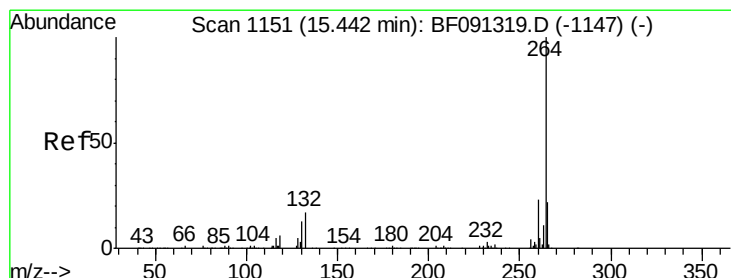
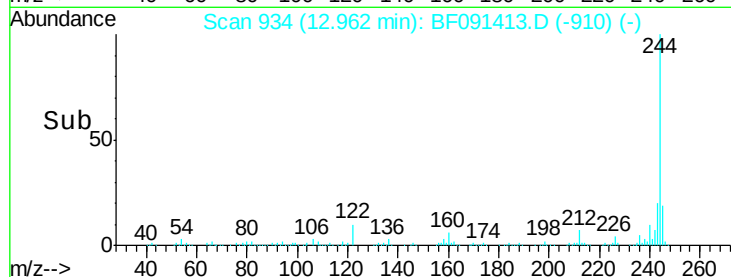
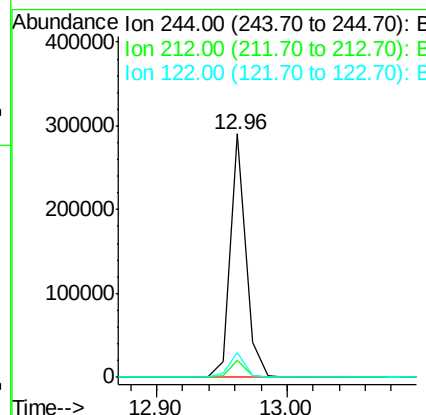
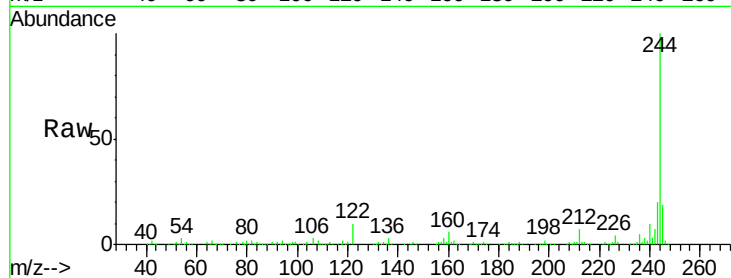




#78
 Terphenyl-d14
 Concen: 11.75 ng
 RT: 12.96 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF091413.D
 Acq: 3 Dec 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHWALL-120116

Tgt Ion:244 Resp: 242512
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 10.0 9.5 14.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091413.D
 Acq: 3 Dec 2016 2:20

Tgt Ion:264 Resp: 338880
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.5 17.0 25.6

