

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
 Data File : BF091348.D
 Acq On : 30 Nov 2016 12:23
 Operator : UM/SJ
 Sample : H5749-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-3

Quant Time: Nov 30 17:55:51 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

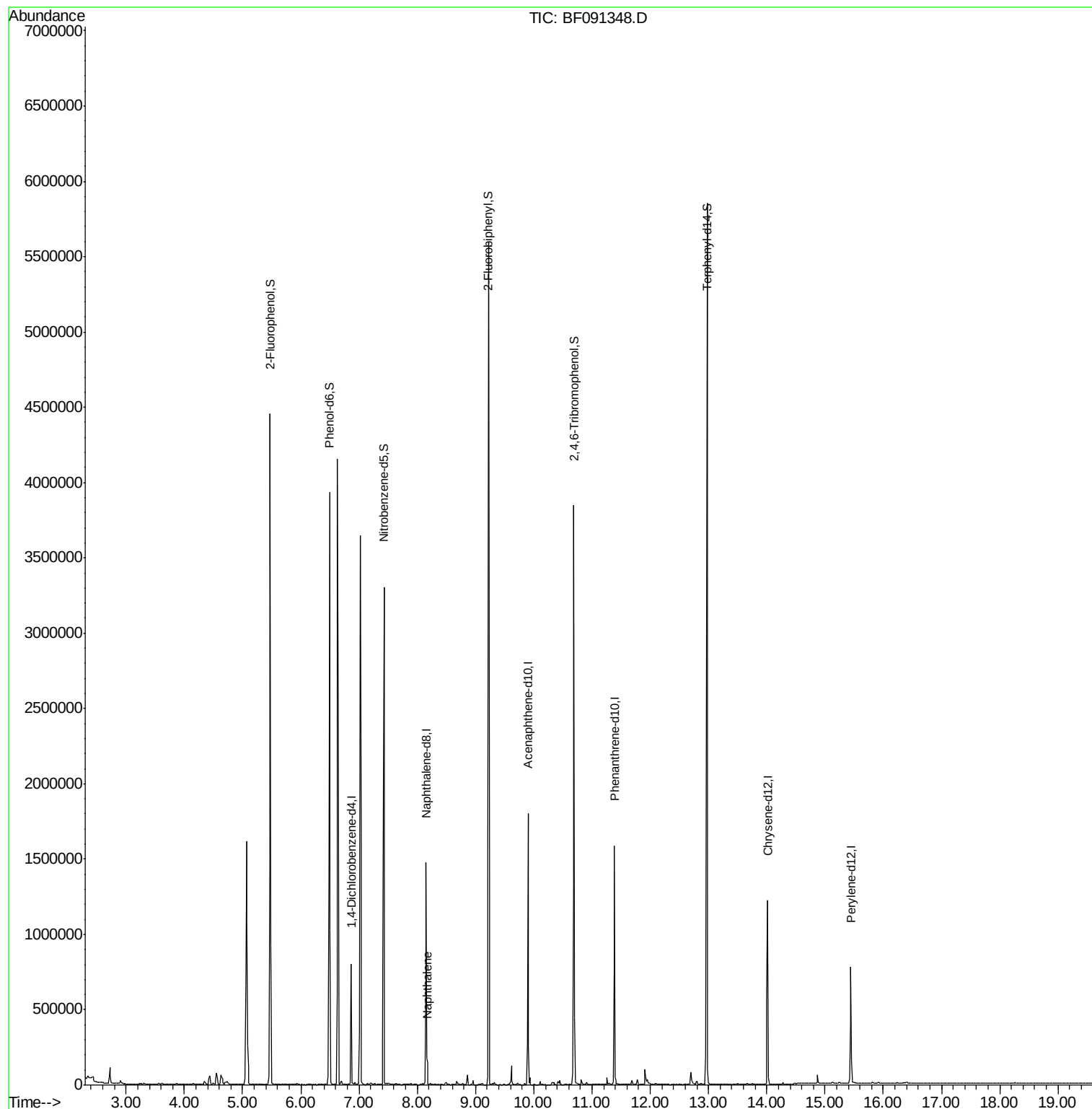
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	171788	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	724098	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	390587	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	682653	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	492947	20.00	ng	-0.03
86) Perylene-d12	15.44	264	373690	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1224361	116.43	ng	0.00
7) Phenol-d6	6.49	99	1393005	107.61	ng	0.00
23) Nitrobenzene-d5	7.43	82	1221634	94.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	461587	124.83	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1914862	88.77	ng	-0.02
78) Terphenyl-d14	12.97	244	2110073	93.04	ng	-0.02
Target Compounds						
31) Naphthalene	8.17	128	99049	2.88	ng	Qvalue 98

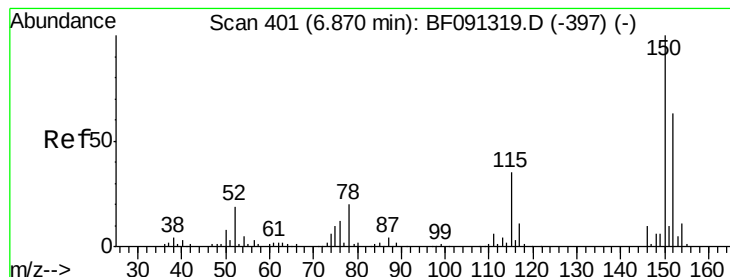
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF091348.D

Acq: 30 Nov 2016 12:23

Instrument :

BNA_F

ClientSampled :

GRID-MM4-3

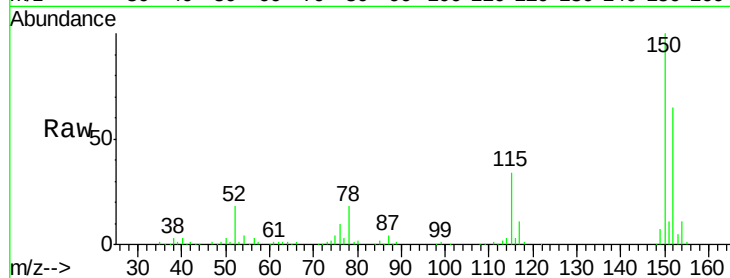
Tot Ion:152 Resp: 171788

Ion Ratio Lower Upper

152 100

150 153.2 122.5 183.7

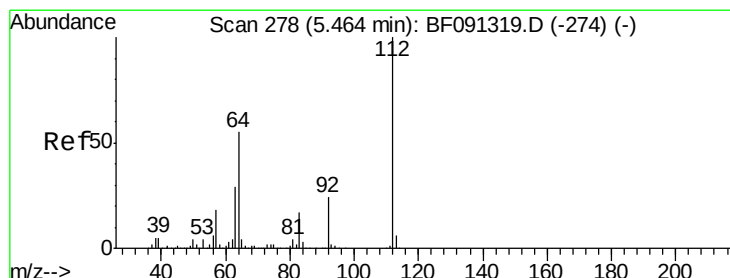
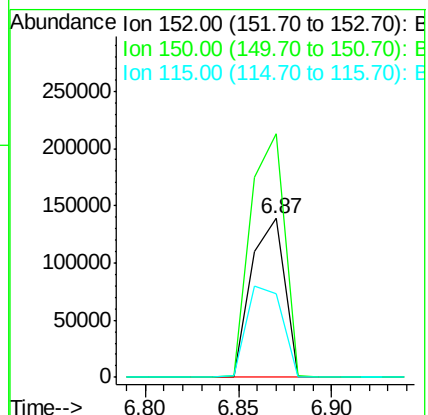
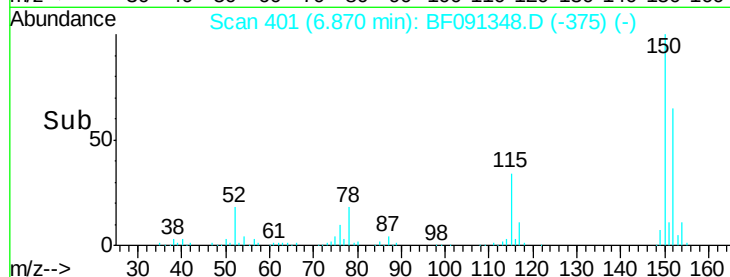
115 52.7 51.8 77.8



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: 116.43 ng

RT: 5.48 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF091348.D

Acq: 30 Nov 2016 12:23

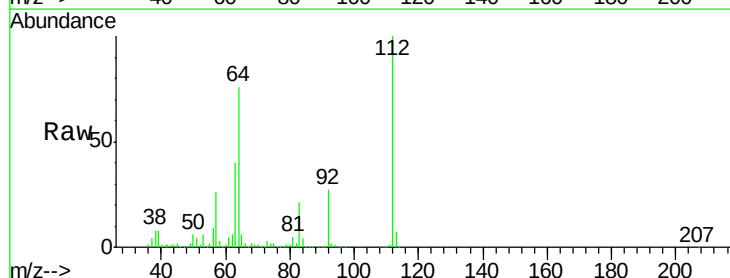
Tgt Ion:112 Resp: 1224361

Ion Ratio Lower Upper

112 100

64 76.2 61.5 92.3

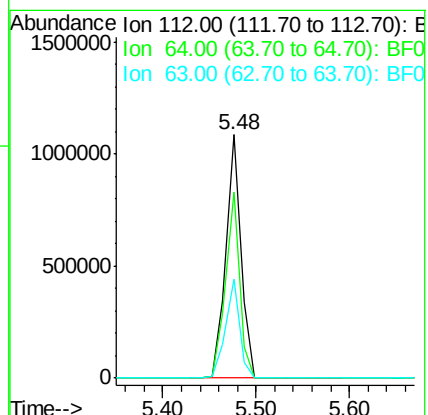
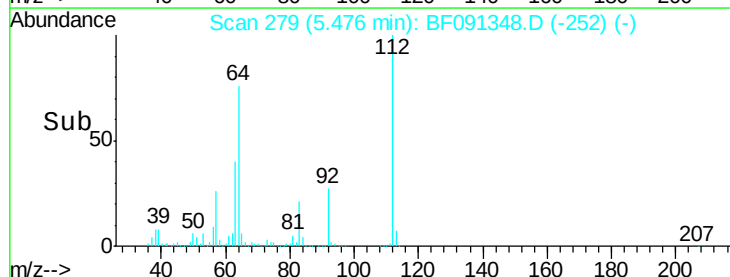
63 40.4 33.3 49.9

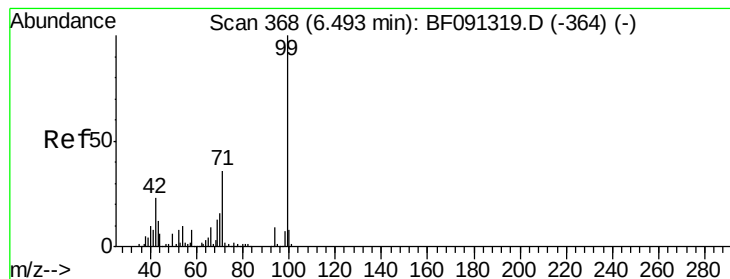


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.61 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091348.D

Acq: 30 Nov 2016 12:23

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-3

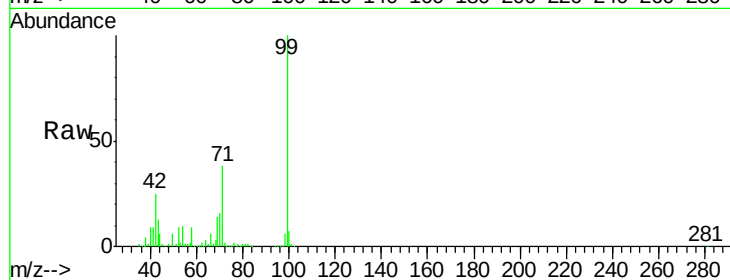
Tot Ion: 99 Resp: 1393005

Ion Ratio Lower Upper

99 100

42 24.7 20.6 31.0

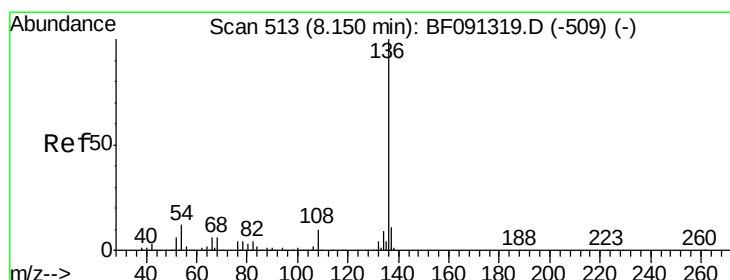
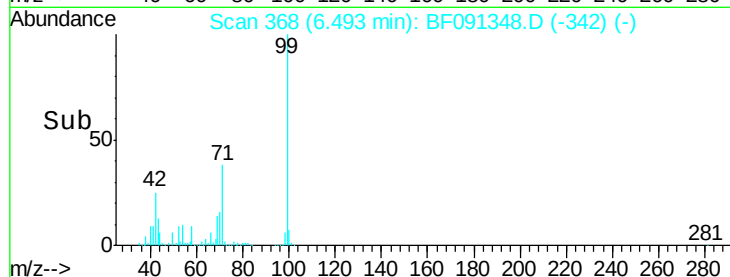
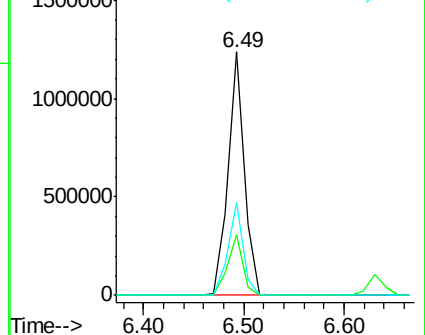
71 38.2 29.9 44.9



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091348.D

Acq: 30 Nov 2016 12:23

Tgt Ion: 136 Resp: 724098

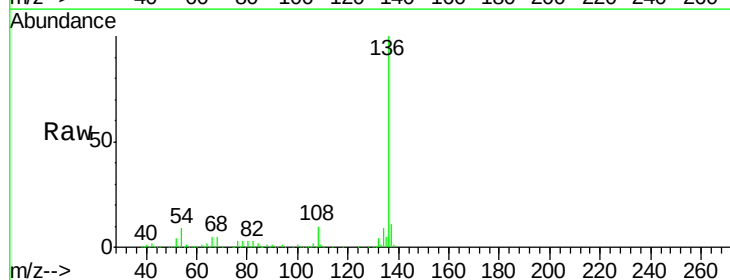
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 9.1 9.1 13.7#

68 4.6 5.9 8.9#

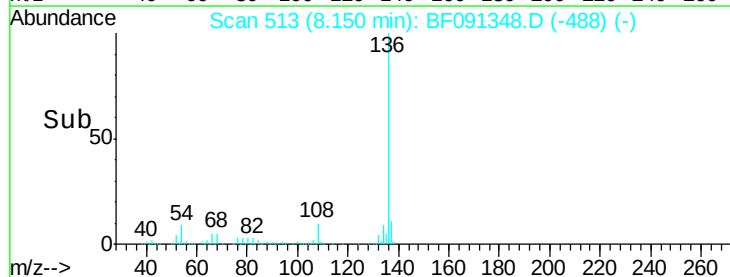
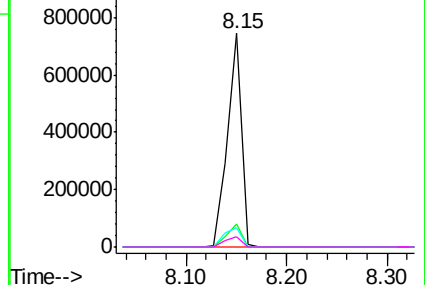


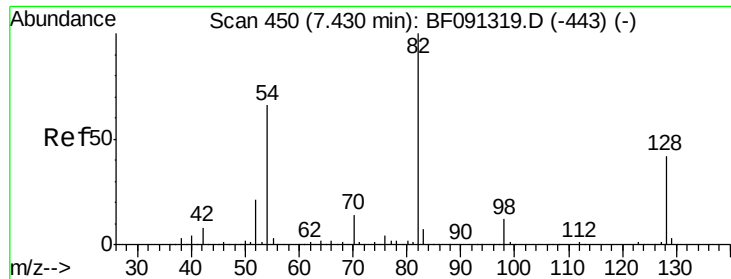
Abundance Ion 136.00 (135.70 to 136.70): E

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



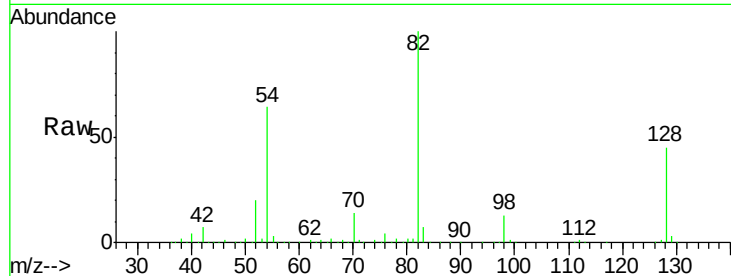


#23
 Nitrobenzene-d5
 Concen: 94.55 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091348.D
 Acq: 30 Nov 2016 12:23

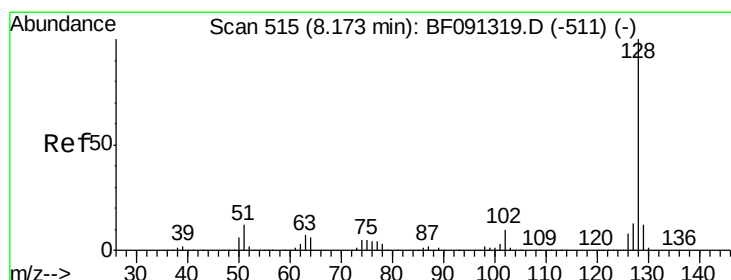
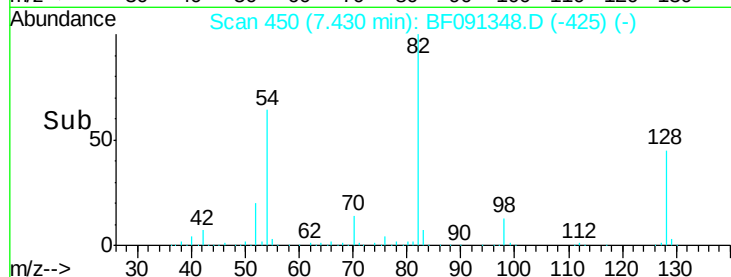
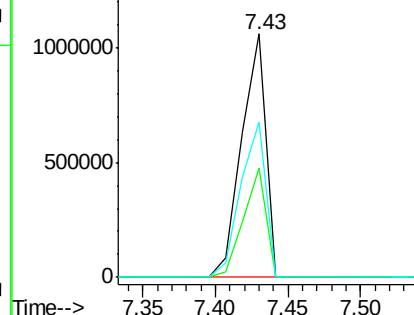
Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-3

Tot Ion: 82 Resp: 1221634

Ion	Ratio	Lower	Upper
82	100		
128	45.1	31.8	47.6
54	63.9	49.1	73.7



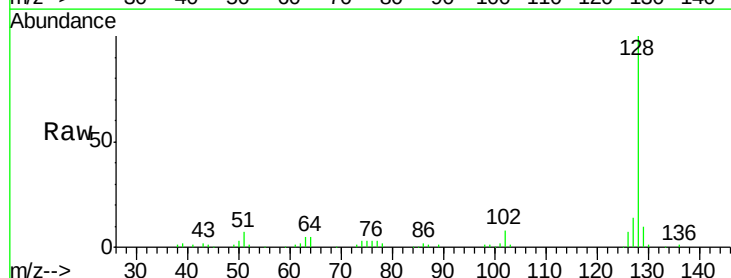
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



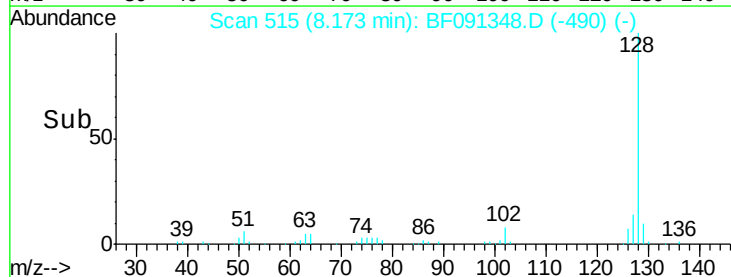
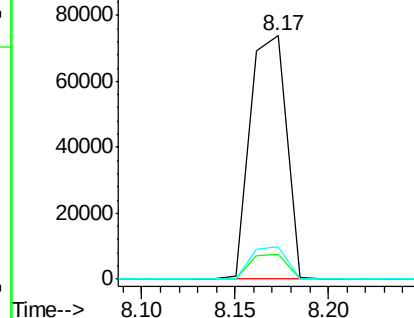
#31
 Naphthalene
 Concen: 2.88 ng
 RT: 8.17 min Scan# 515
 Delta R.T. -0.02 min
 Lab File: BF091348.D
 Acq: 30 Nov 2016 12:23

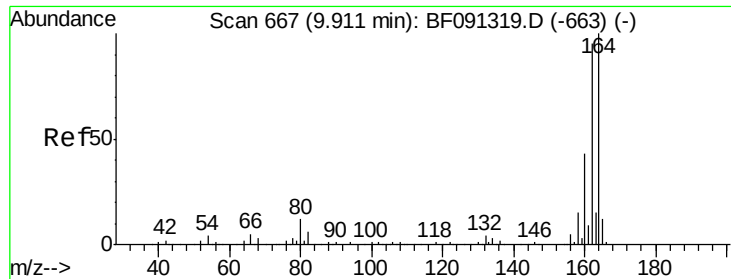
Tgt Ion: 128 Resp: 99049

Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.1	13.7
127	13.5	11.0	16.4



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF091348.D

Acq: 30 Nov 2016 12:23

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-3

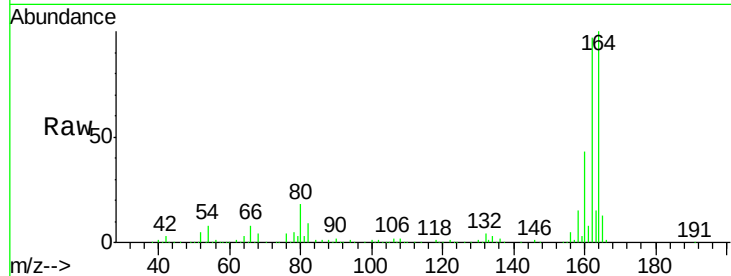
Tot Ion:164 Resp: 390587

Ion Ratio Lower Upper

164 100

162 96.9 82.6 124.0

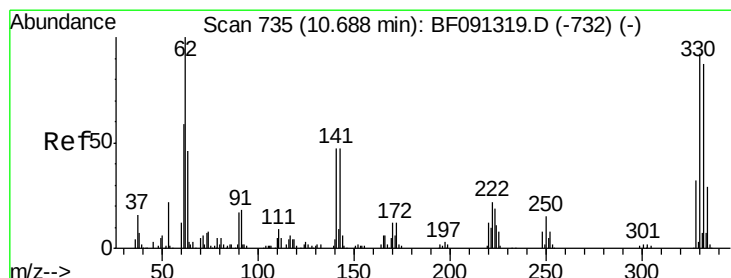
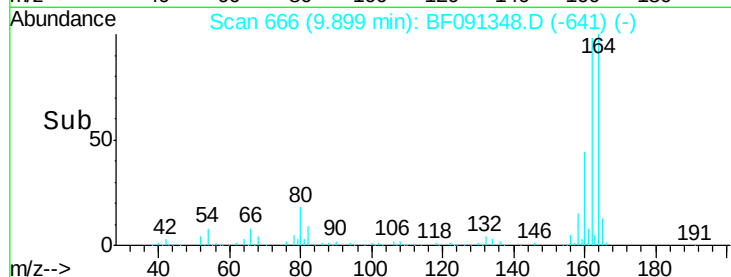
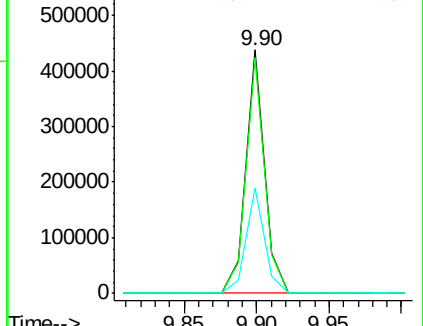
160 43.3 36.7 55.1



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: 124.83 ng

RT: 10.69 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF091348.D

Acq: 30 Nov 2016 12:23

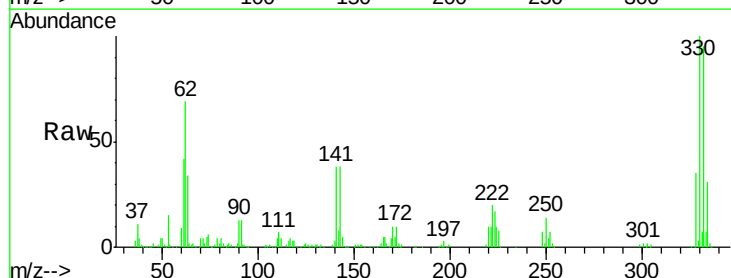
Tgt Ion:330 Resp: 461587

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

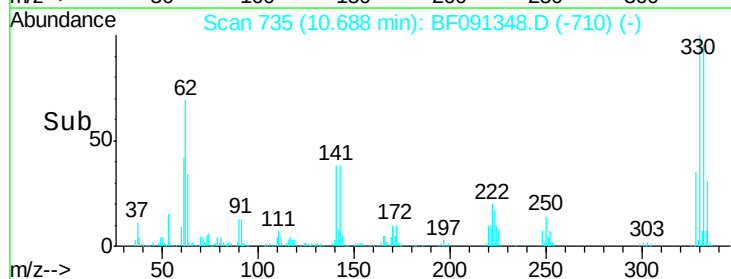
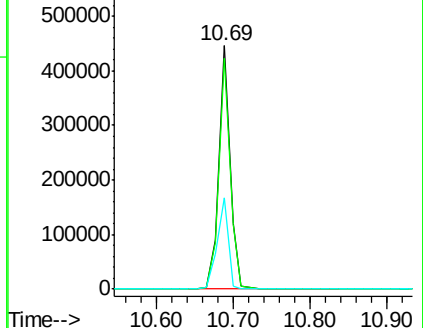
141 36.4 33.6 50.4

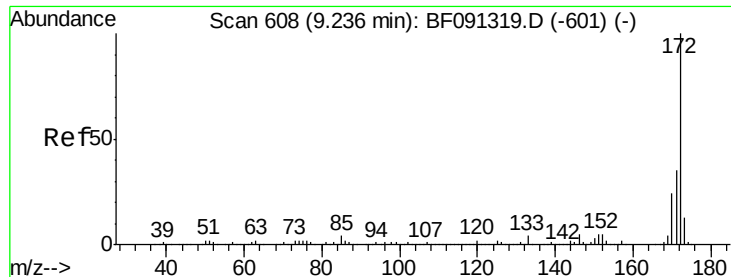


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

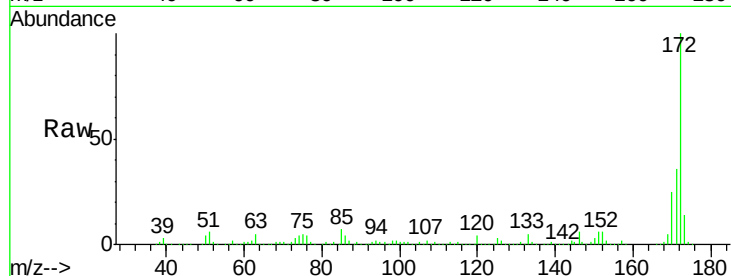




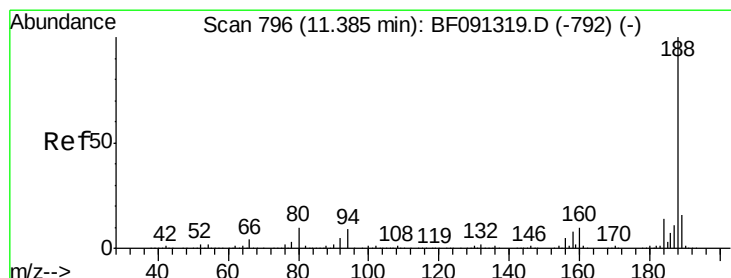
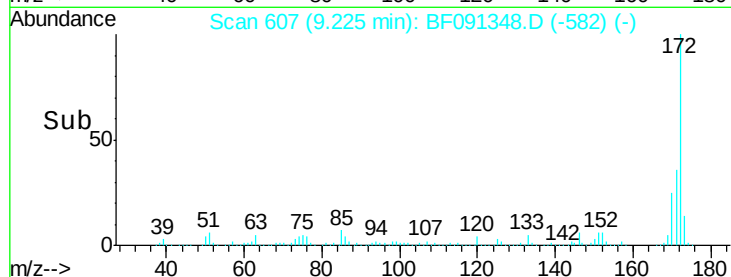
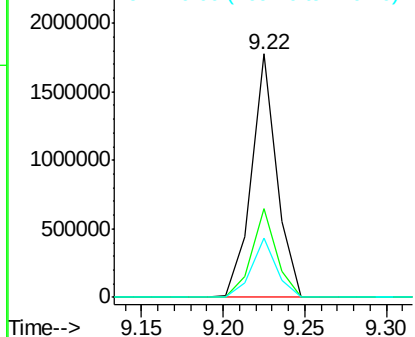
#44
2-Fluorobiphenyl
Concen: 88.77 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091348.D
Acq: 30 Nov 2016 12:23

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-3

Tot Ion:172 Resp: 1914862
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.5 19.7 29.5

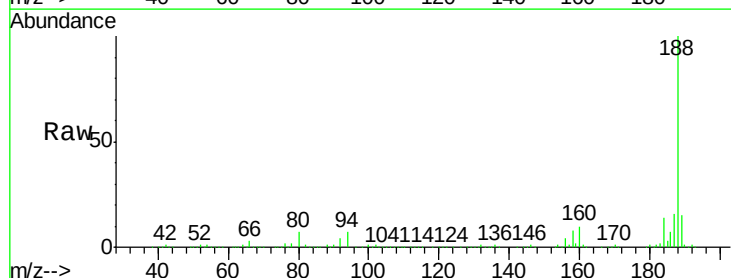


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

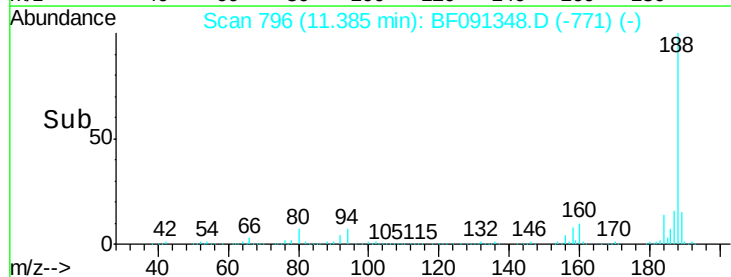
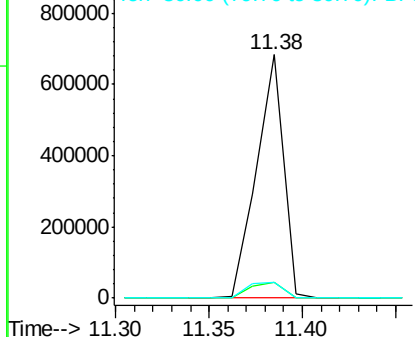


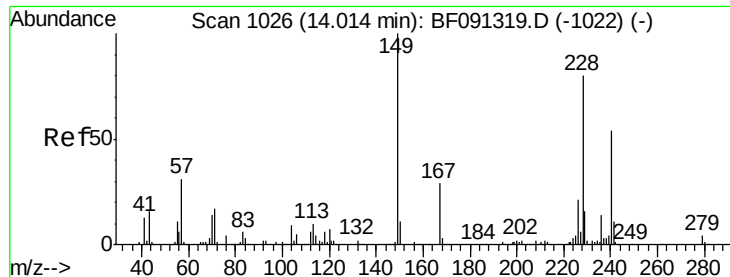
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091348.D
Acq: 30 Nov 2016 12:23

Tgt Ion:188 Resp: 682653
Ion Ratio Lower Upper
188 100
94 6.5 9.2 13.8#
80 6.5 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: BF091348.D

Acq: 30 Nov 2016 12:23

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-3

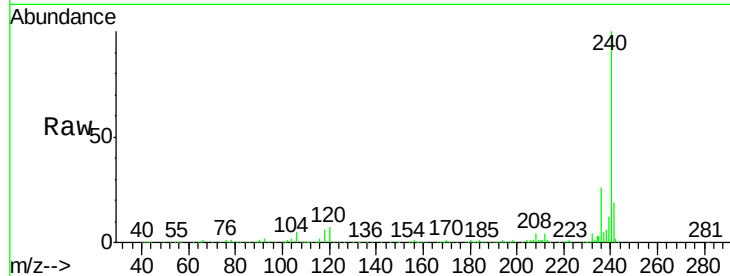
Tot Ion:240 Resp: 492947

Ion Ratio Lower Upper

240 100

120 7.0 12.1 18.1#

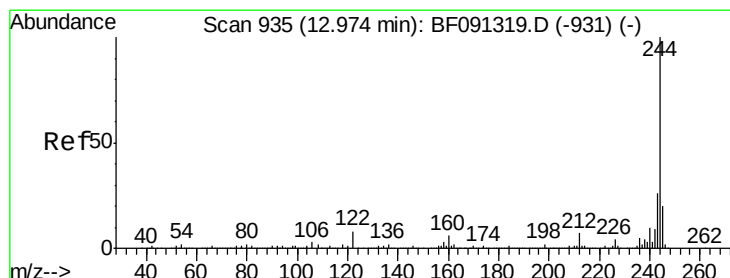
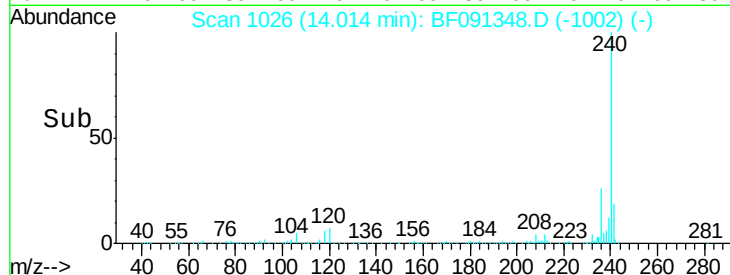
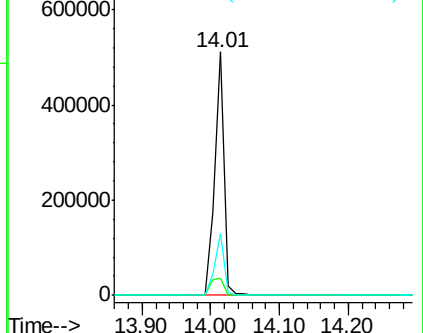
236 25.5 21.0 31.6



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: 93.04 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091348.D

Acq: 30 Nov 2016 12:23

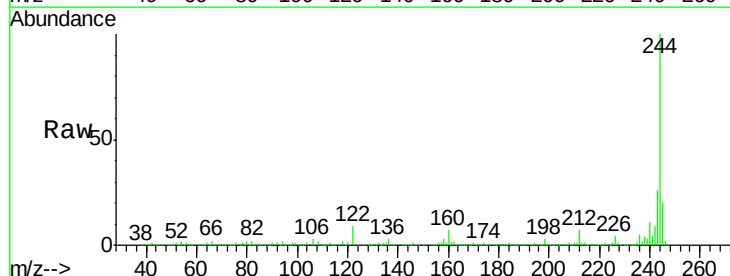
Tgt Ion:244 Resp: 2110073

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

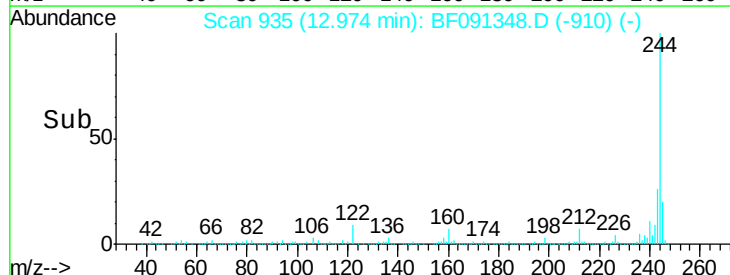
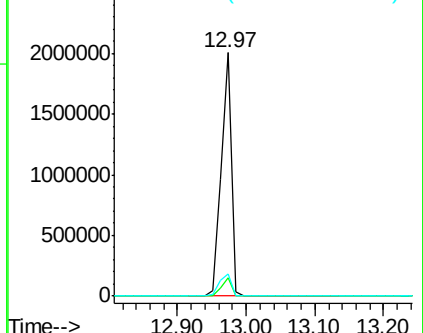
122 9.1 9.5 14.3#

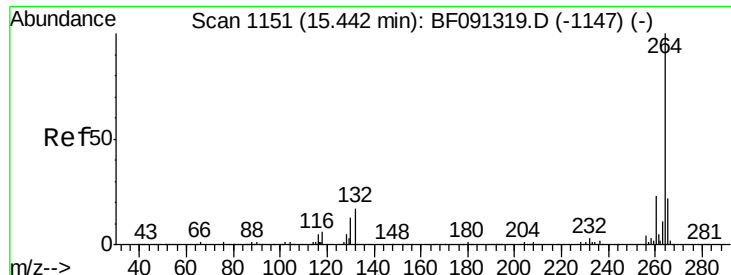


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

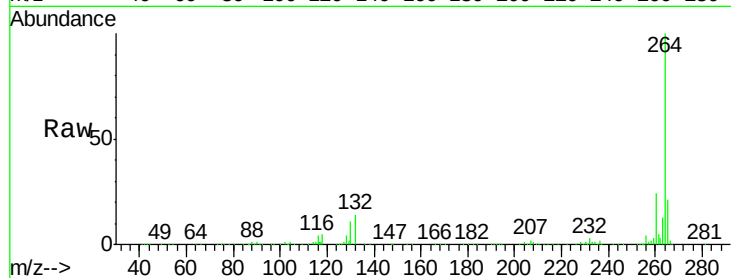




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091348.D
 Acq: 30 Nov 2016 12:23

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.0	17.0	25.6



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

