

Data Path : Z:\HPCHEM1\BNA F\Data\BF101416\Not Reviewed Data\
 Data File : BF090573.D
 Acq On : 14 Oct 2016 17:02
 Operator : UM/SJ
 Sample : PB94017BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94017BL

Quant Time: Oct 14 17:39:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 02:03:28 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

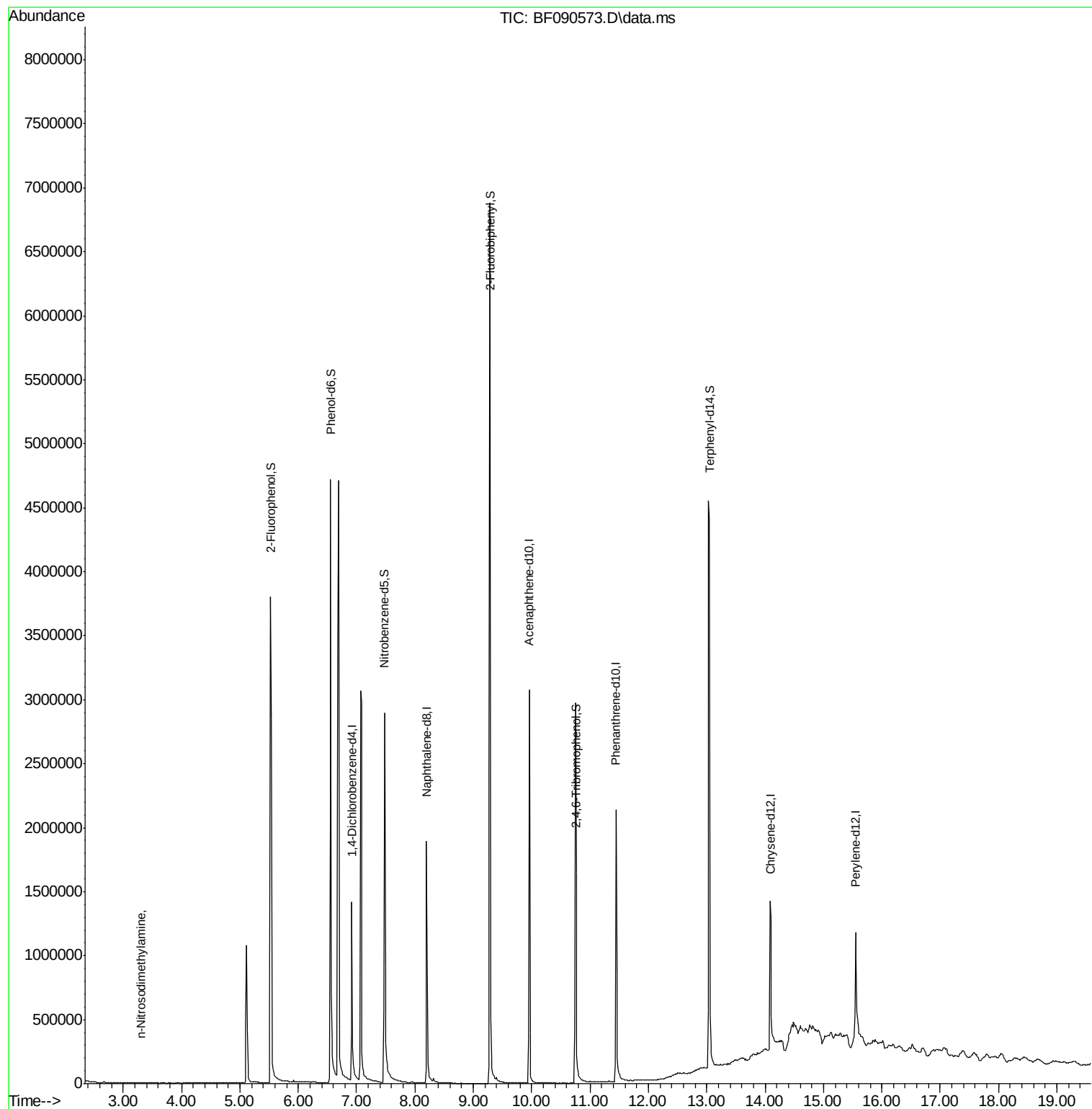
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.920	152	267057	20.00	ng	0.00
21) Naphthalene-d8	8.200	136	1107508	20.00	ng	-0.01
38) Acenaphthene-d10	9.960	164	599874	20.00	ng	-0.01
63) Phenanthrene-d10	11.446	188	915729	20.00	ng	-0.01
75) Chrysene-d12	14.098	240	615439	20.00	ng	0.00
86) Perylene-d12	15.550	264	485556	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	1564441	107.39	ng	0.00
7) Phenol-d6	6.554	99	2159276	99.75	ng	0.00
23) Nitrobenzene-d5	7.480	82	1363221	68.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.761	330	469076	87.71	ng	0.00
44) 2-Fluorobiphenyl	9.286	172	2370143	65.10	ng	0.00
78) Terphenyl-d14	13.046	244	2274395	86.05	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.308	42	419	7.22	ng	Qvalue # 1

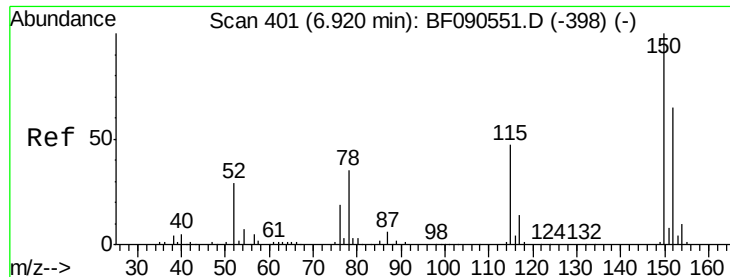
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.920 min Scan# 40

Delta R.T. -0.000 min

Lab File: BF090573.D

Acq: 14 Oct 2016 17:02

Instrument :

BNA_F

ClientSampleId :

PB94017BL

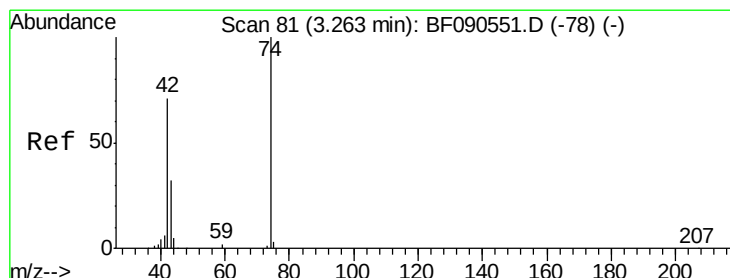
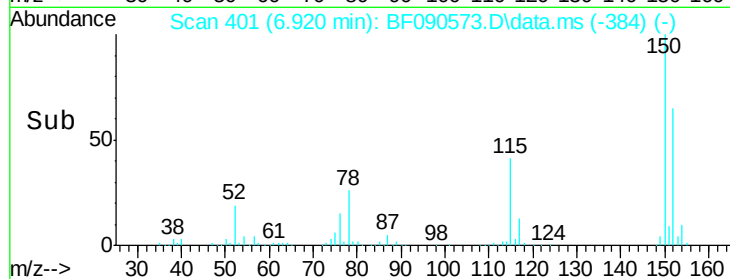
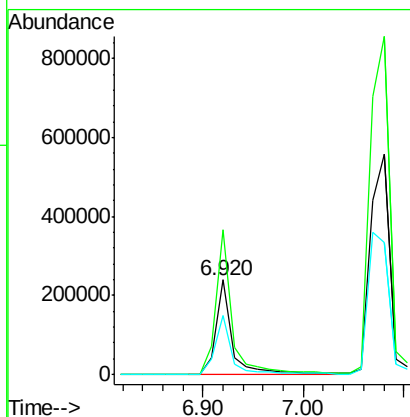
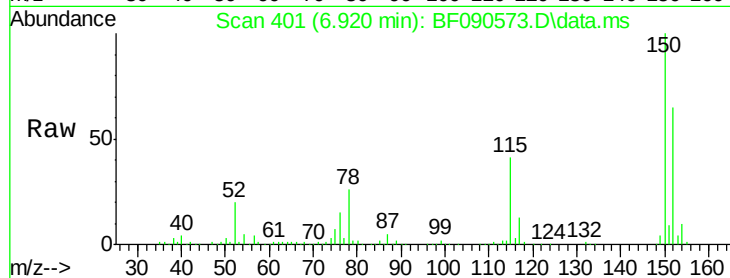
Tot Ion:152 Resp: 267057

Ion Ratio Lower Upper

152 100

150 154.0 127.2 190.8

115 62.4 58.6 88.0



#4

n-Nitrosodimethylamine

Concen: 7.22 ng

RT: 3.308 min Scan# 85

Delta R.T. 0.046 min

Lab File: BF090573.D

Acq: 14 Oct 2016 17:02

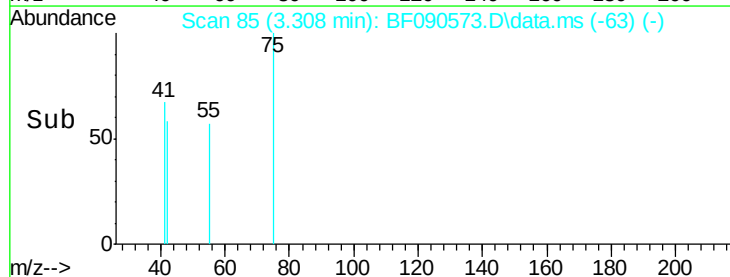
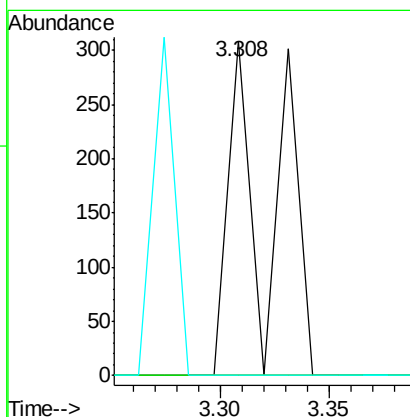
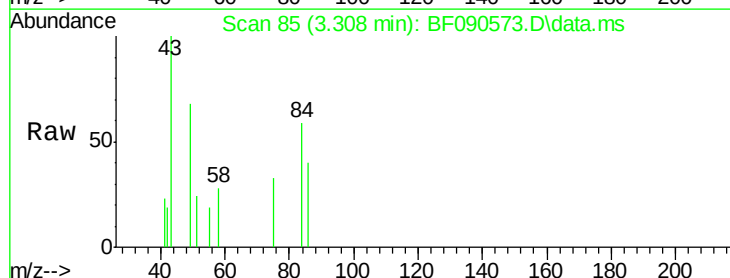
Tgt Ion: 42 Resp: 419

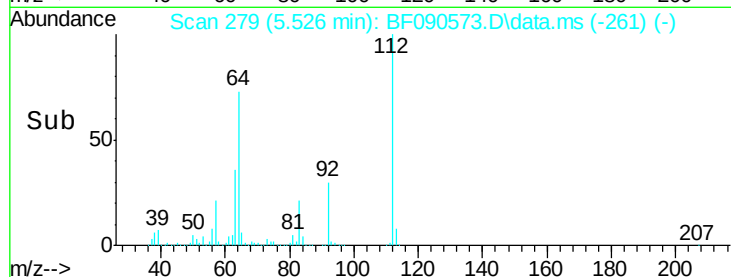
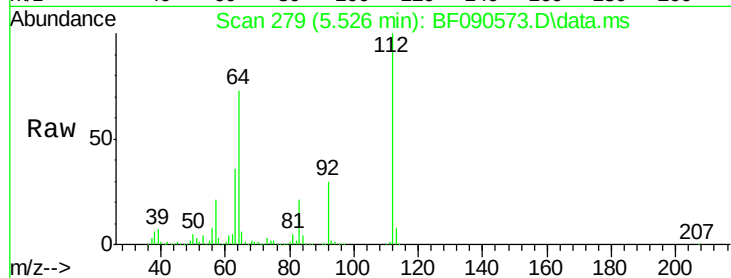
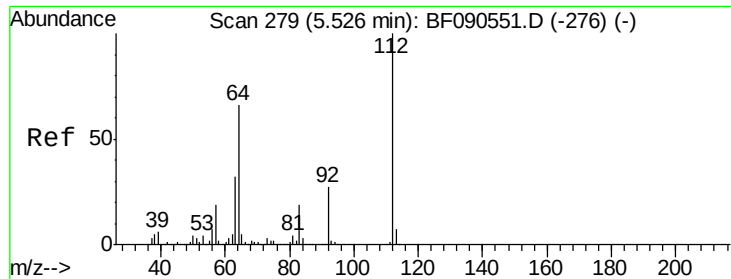
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 0.0 6.0 9.0#





#5

2-Fluorophenol

Concen: 107.39 ng

RT: 5.526 min Scan# 27

Delta R.T. 0.001 min

Lab File: BF090573.D

Acq: 14 Oct 2016 17:02

Instrument :

BNA_F

ClientSampleId :

PB94017BL

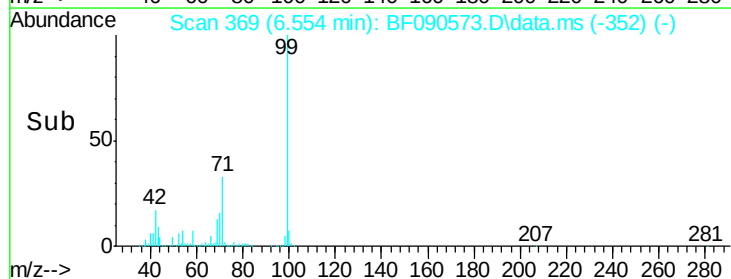
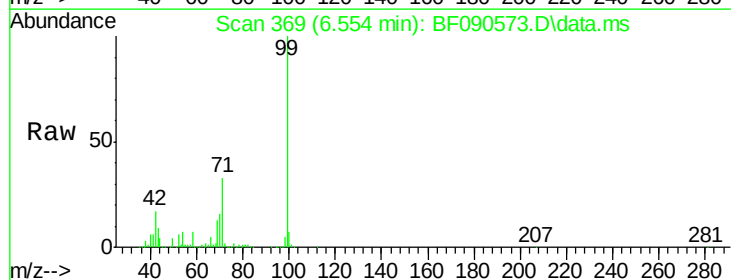
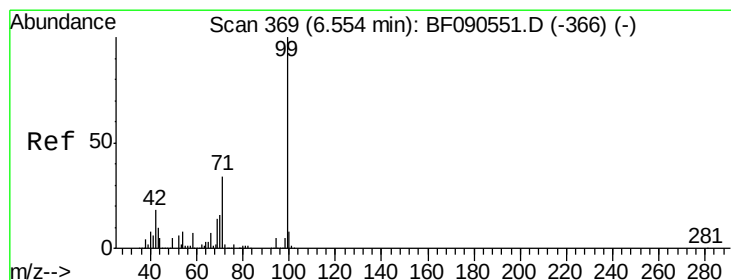
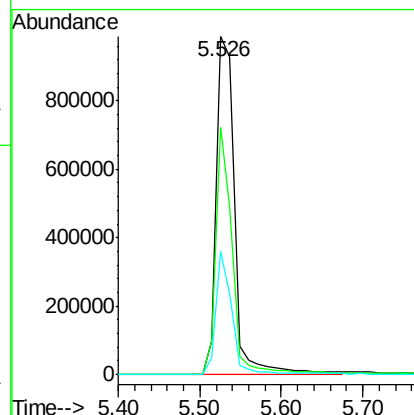
Tot Ion:112 Resp: 1564441

Ion Ratio Lower Upper

112 100

64 73.0 52.6 78.8

63 36.2 26.0 39.0



#7

Phenol-d6

Concen: 99.75 ng

RT: 6.554 min Scan# 369

Delta R.T. -0.000 min

Lab File: BF090573.D

Acq: 14 Oct 2016 17:02

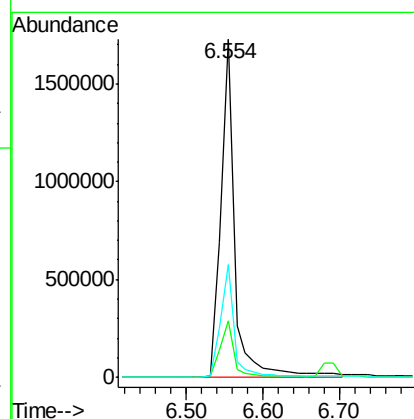
Tgt Ion: 99 Resp: 2159276

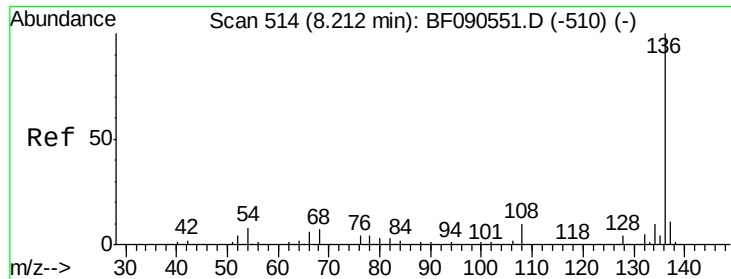
Ion Ratio Lower Upper

99 100

42 16.7 14.7 22.1

71 33.4 27.6 41.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.200 min Scan# 51

Delta R.T. -0.011 min

Lab File: BF090573.D

Acq: 14 Oct 2016 17:02

Instrument :

BNA_F

ClientSampleId :

PB94017BL

Tot Ion:136 Resp: 1107508

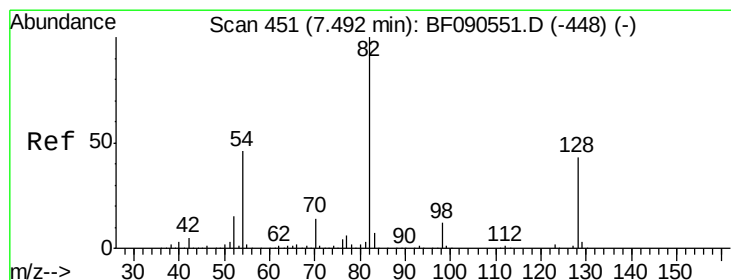
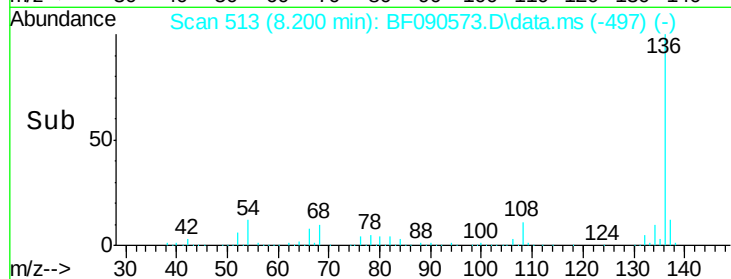
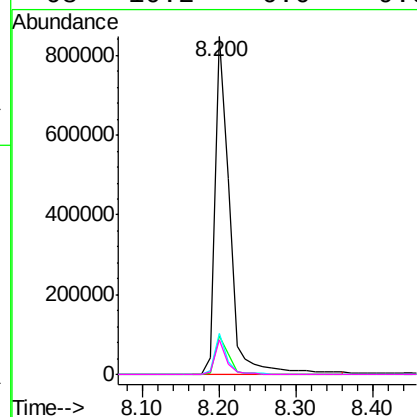
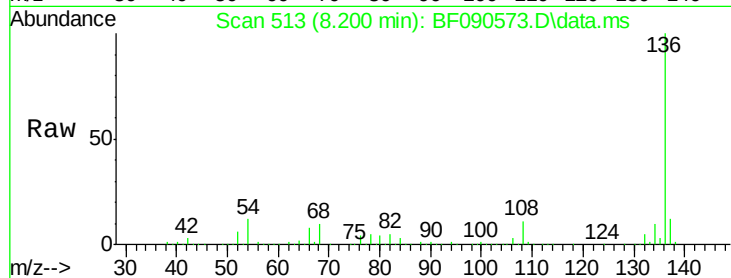
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 12.1 6.8 10.2#

68 10.2 6.0 9.0#



#23

Nitrobenzene-d5

Concen: 68.38 ng

RT: 7.480 min Scan# 450

Delta R.T. -0.011 min

Lab File: BF090573.D

Acq: 14 Oct 2016 17:02

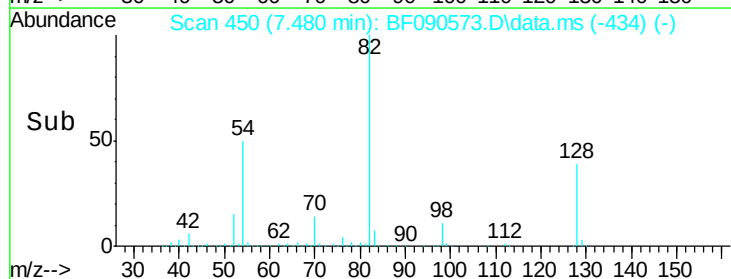
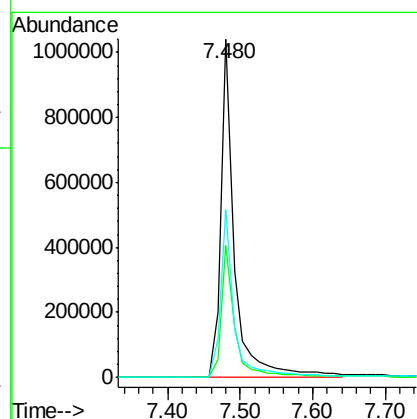
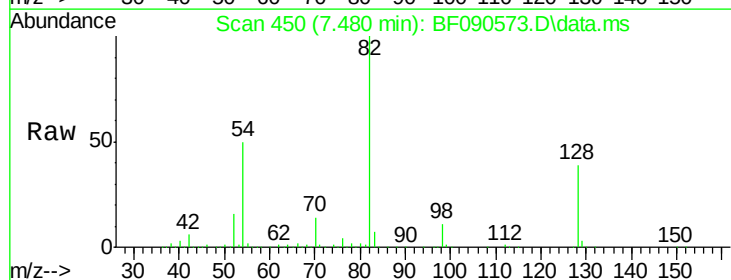
Tgt Ion: 82 Resp: 1363221

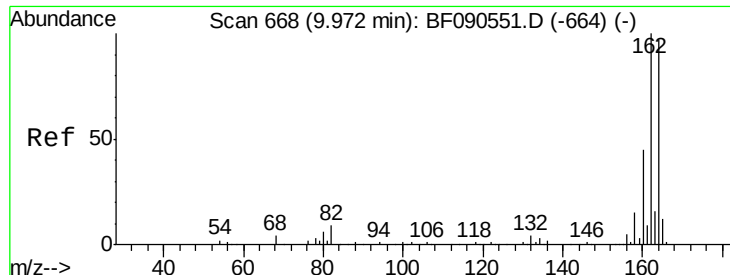
Ion Ratio Lower Upper

82 100

128 39.0 34.3 51.5

54 49.8 37.0 55.6

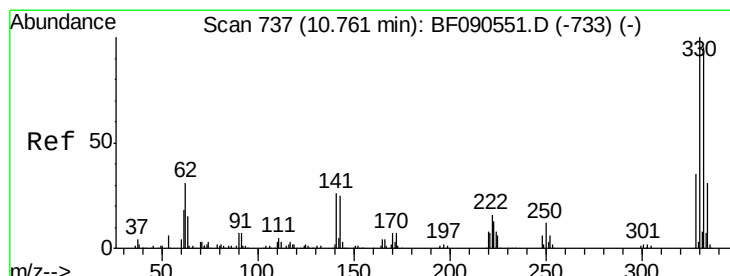
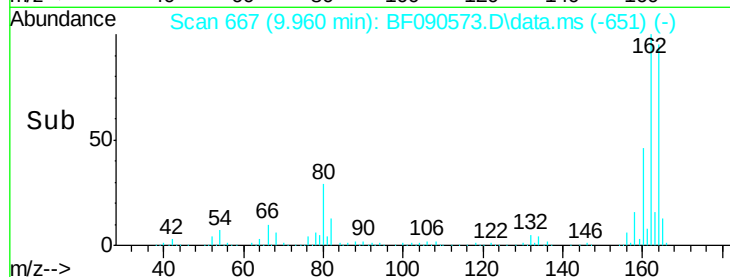
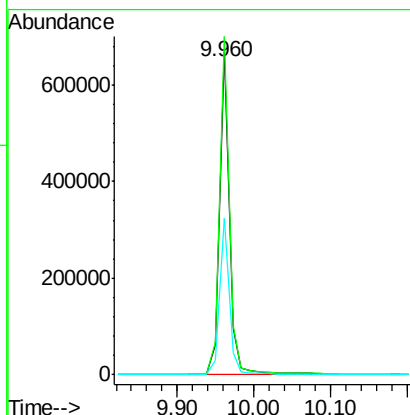
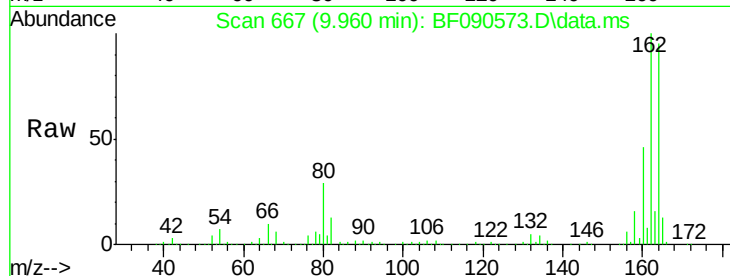




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.960 min Scan# 66
 Delta R.T. -0.011 min
 Lab File: BF090573.D
 Acq: 14 Oct 2016 17:02

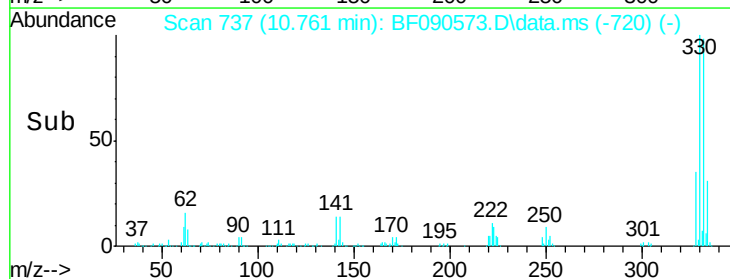
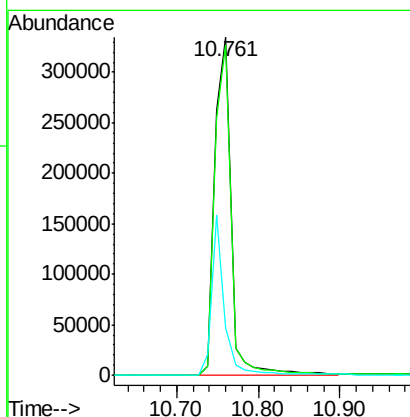
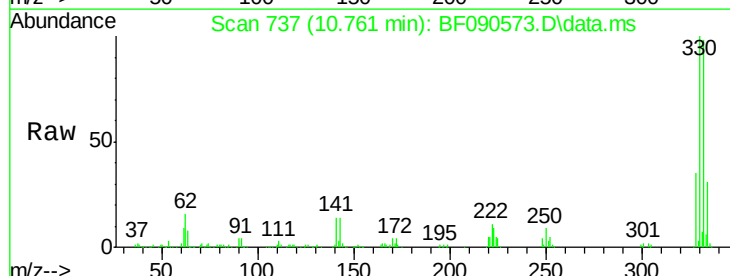
Instrument :
 BNA_F
 ClientSampleId :
 PB94017BL

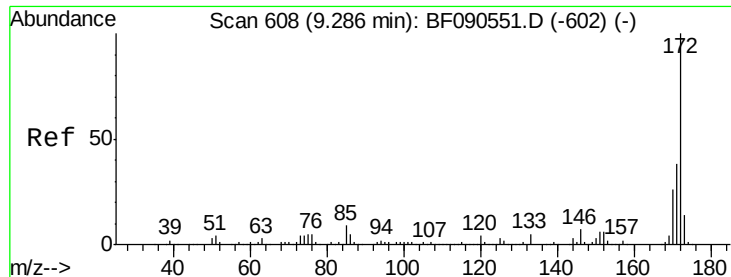
Tot Ion:164 Resp: 599874
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.2 123.4
 160 48.3 36.6 55.0



#41
 2,4,6-Tribromophenol
 Concen: 87.71 ng
 RT: 10.761 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: BF090573.D
 Acq: 14 Oct 2016 17:02

Tgt Ion:330 Resp: 469076
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.2 114.2
 141 38.0 31.4 47.2



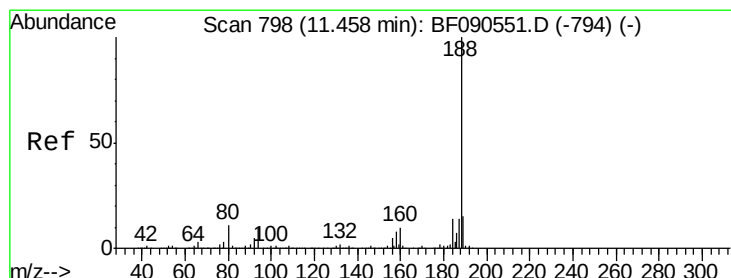
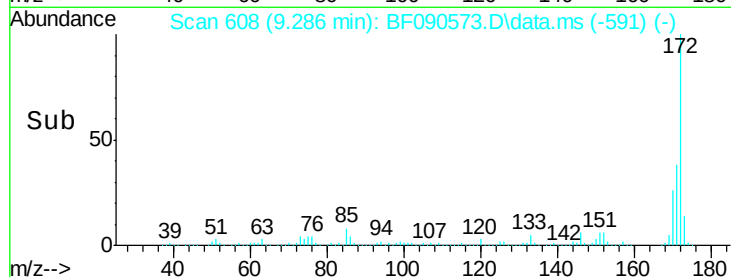
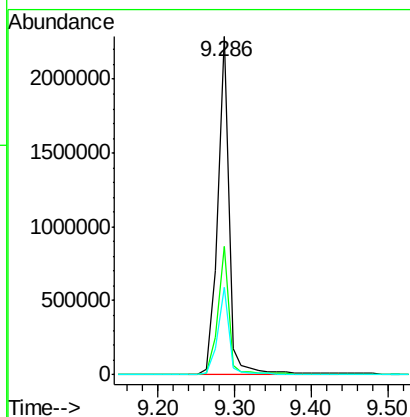
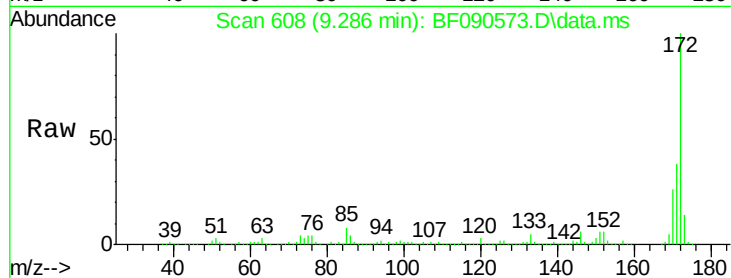


#44
 2-Fluorobiphenyl
 Concen: 65.10 ng
 RT: 9.286 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BF090573.D
 Acq: 14 Oct 2016 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB94017BL

Tot Ion:172 Resp: 2370143

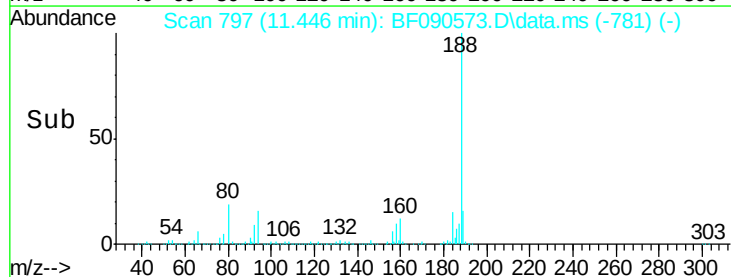
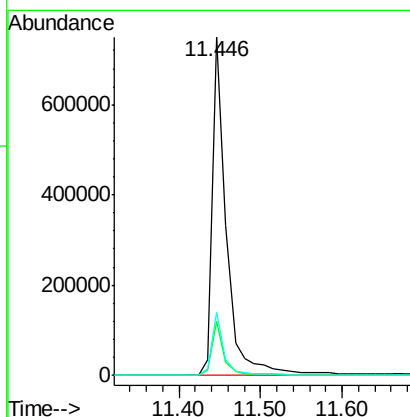
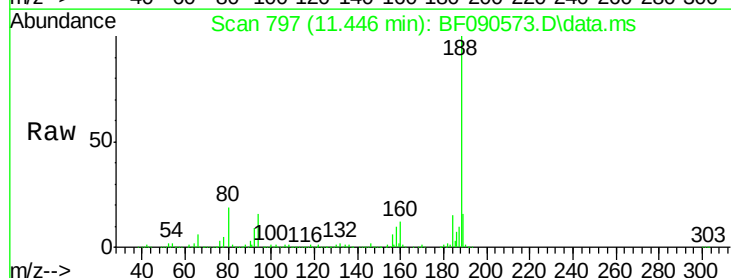
Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.1	45.1
170	25.8	20.6	30.8

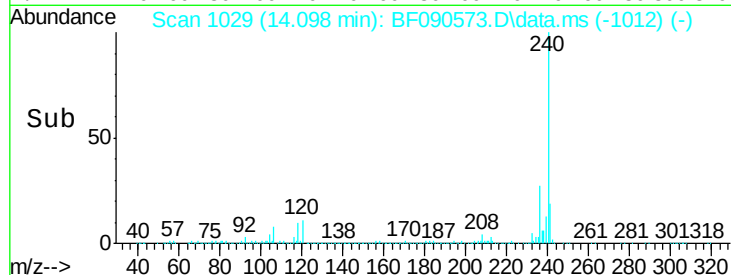
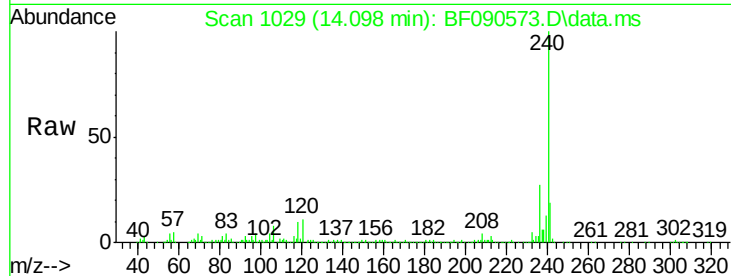
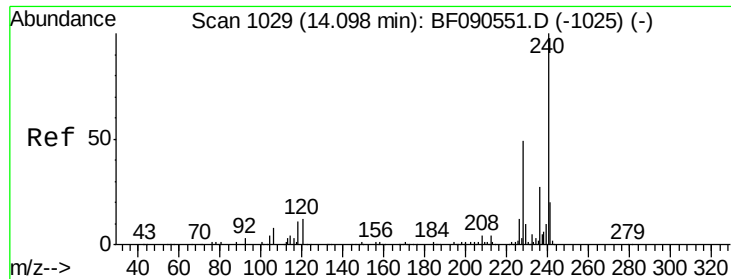


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.446 min Scan# 797
 Delta R.T. -0.011 min
 Lab File: BF090573.D
 Acq: 14 Oct 2016 17:02

Tgt Ion:188 Resp: 915729

Ion	Ratio	Lower	Upper
188	100		
94	15.9	7.7	11.5#
80	18.8	8.6	12.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.098 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF090573.D

Acq: 14 Oct 2016 17:02

Instrument :

BNA_F

ClientSampleId :

PB94017BL

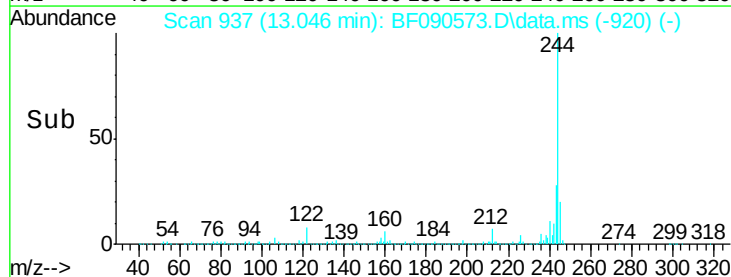
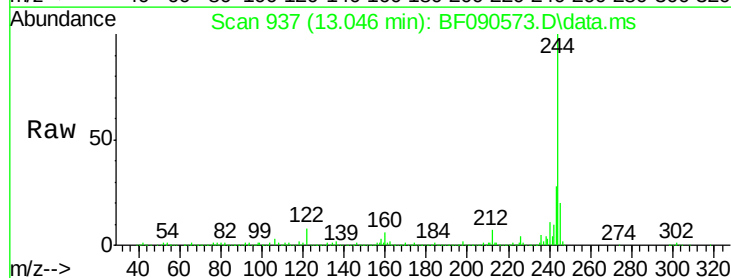
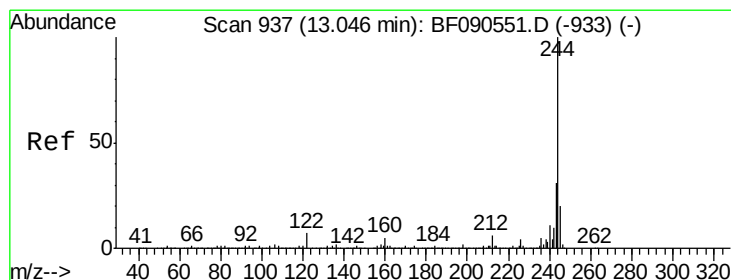
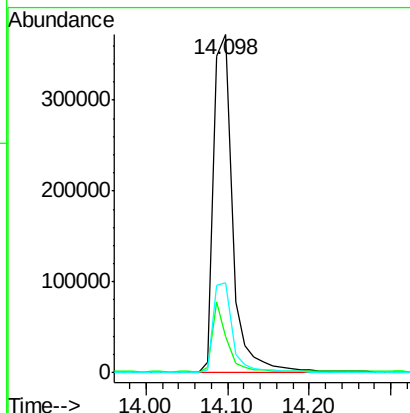
Tot Ion:240 Resp: 615439

Ion Ratio Lower Upper

240 100

120 10.7 9.8 14.8

236 26.6 21.7 32.5



#78

Terphenyl-d14

Concen: 86.05 ng

RT: 13.046 min Scan# 937

Delta R.T. -0.000 min

Lab File: BF090573.D

Acq: 14 Oct 2016 17:02

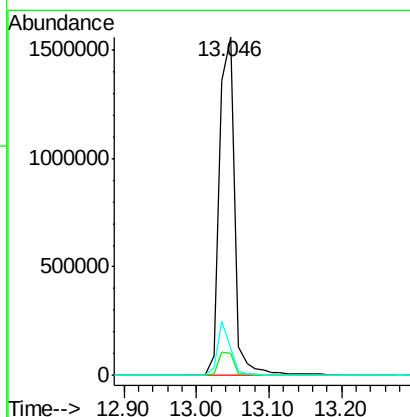
Tgt Ion:244 Resp: 2274395

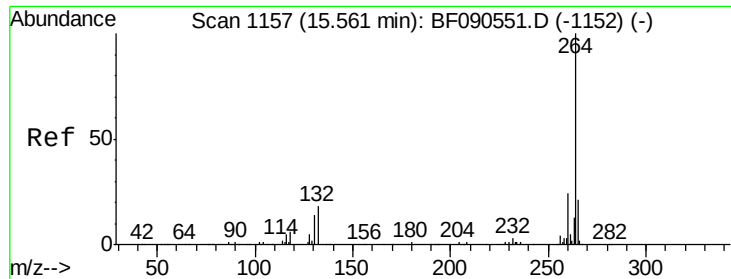
Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

122 8.1 5.6 8.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.550 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF090573.D
Acq: 14 Oct 2016 17:02

Instrument :
BNA_F
ClientSampleId :
PB94017BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	21.5	16.7	25.1

