

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090414.D
 Acq On : 6 Oct 2016 7:06
 Operator : UM/SJ
 Sample : PB93730BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93730BL

Quant Time: Oct 06 07:44:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

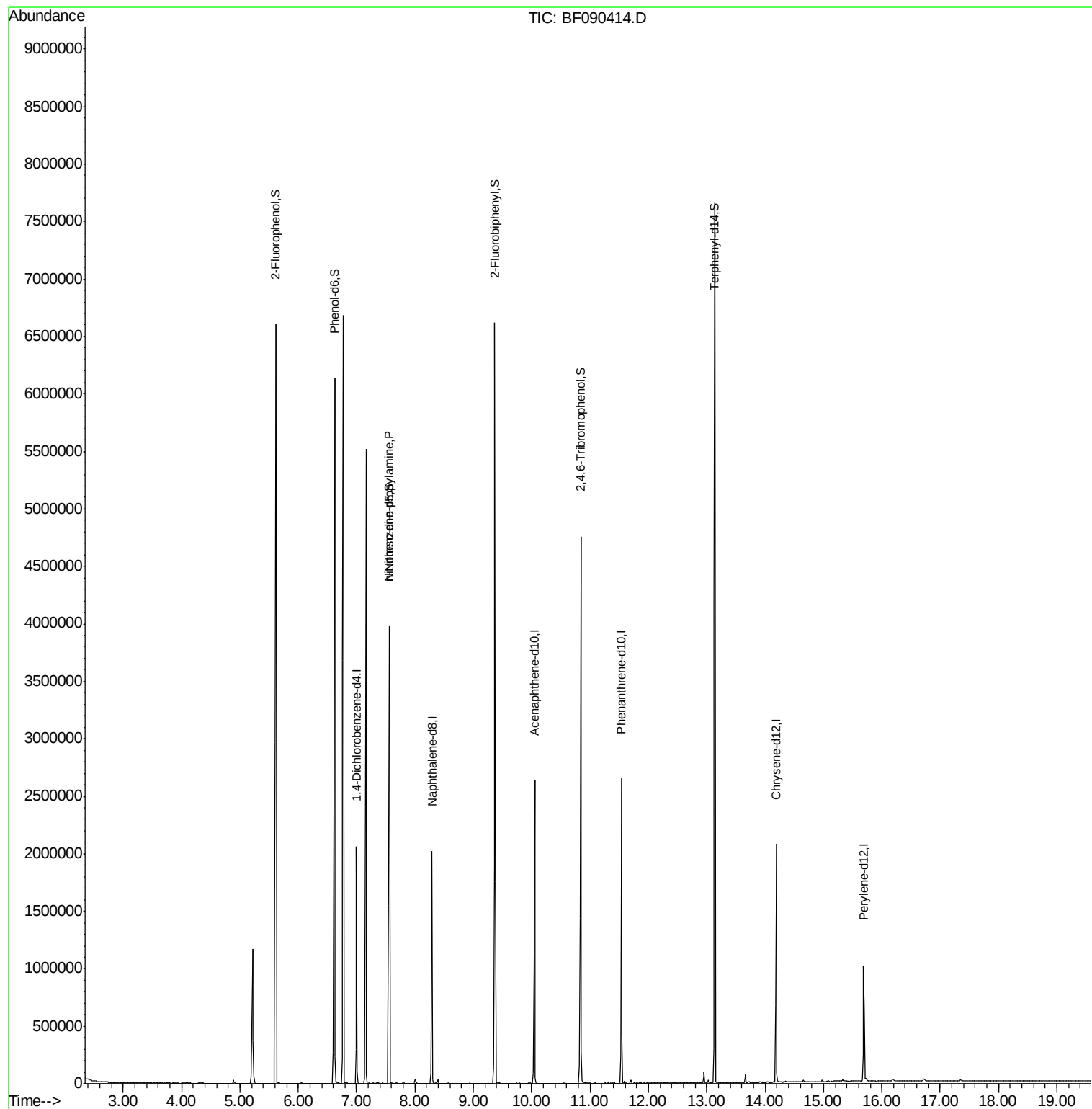
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	263733	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1106958	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	573083	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	832269	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	677991	20.00	ng	-0.01
86) Perylene-d12	15.69	264	453630	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1822607	103.14	ng	0.01
7) Phenol-d6	6.62	99	2253303	97.36	ng	0.00
23) Nitrobenzene-d5	7.56	82	1468194	64.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	505223	108.42	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2297065	66.78	ng	-0.01
78) Terphenyl-d14	13.14	244	2666293	88.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	208662	12.29	ng	Qvalue # 65

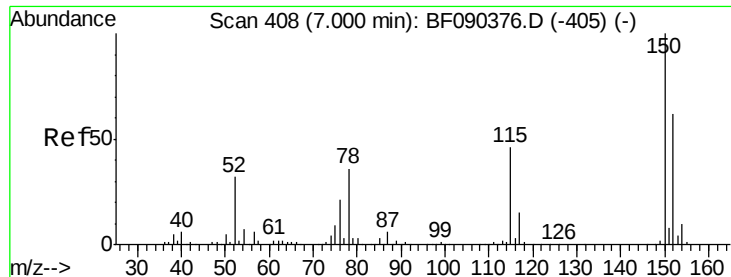
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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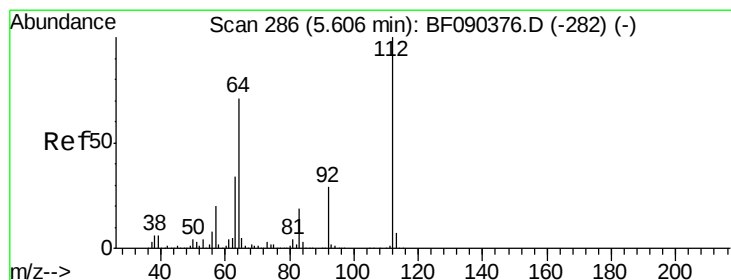
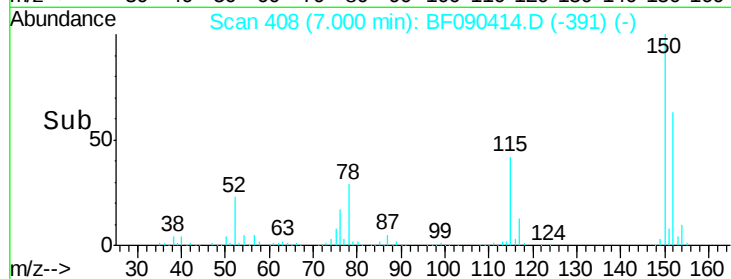
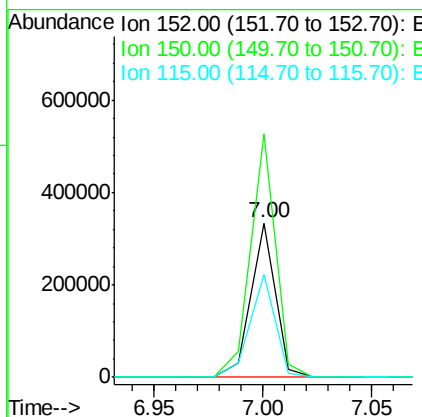
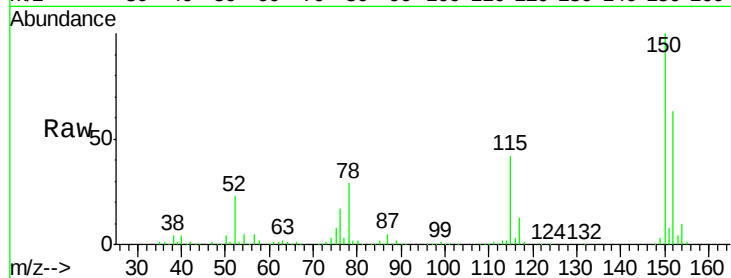




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.00 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BF090414.D
 Acq: 6 Oct 2016 7:06

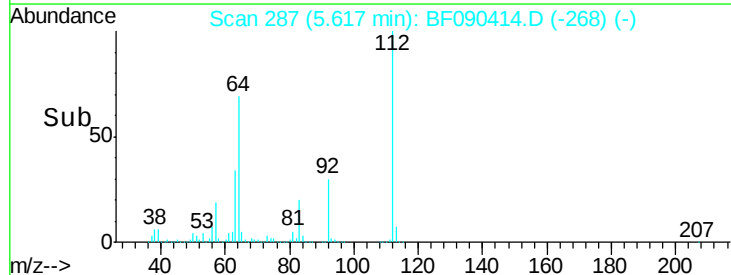
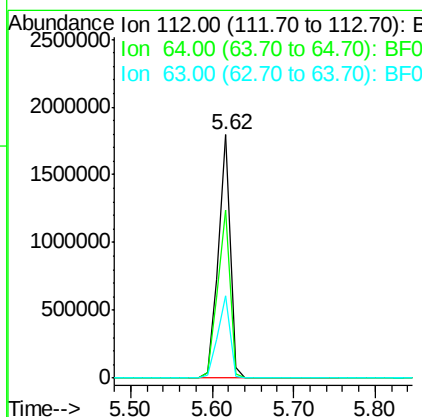
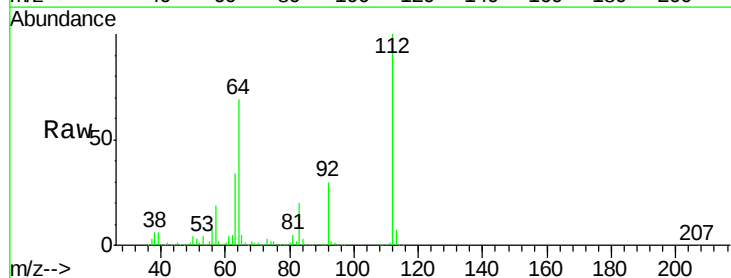
Instrument :
 BNA_F
 ClientSampleId :
 PB93730BL

Tgt Ion:152 Resp: 263733
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.6 186.8
 115 66.4 46.2 69.4



#5
 2-Fluorophenol
 Concen: 103.14 ng
 RT: 5.62 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: BF090414.D
 Acq: 6 Oct 2016 7:06

Tgt Ion:112 Resp: 1822607
 Ion Ratio Lower Upper
 112 100
 64 69.2 57.9 86.9
 63 33.6 29.6 44.4





#7

Phenol-d6

Concen: 97.36 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090414.D

Acq: 6 Oct 2016 7:06

Instrument :

BNA_F

ClientSampleId :

PB93730BL

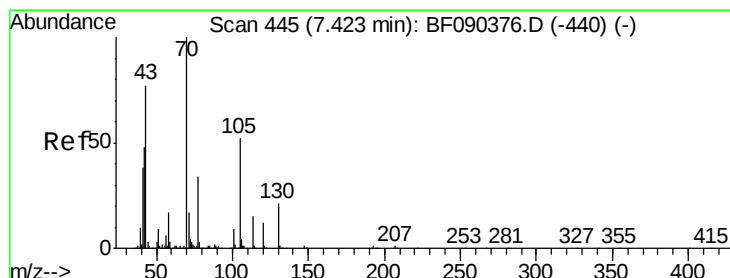
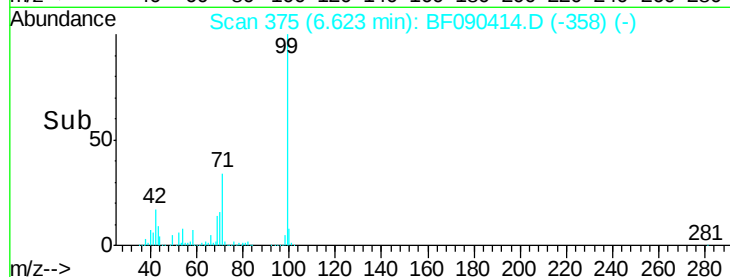
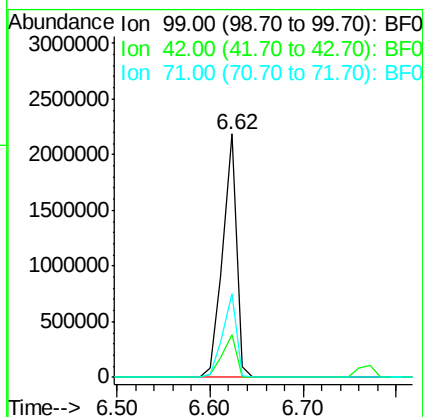
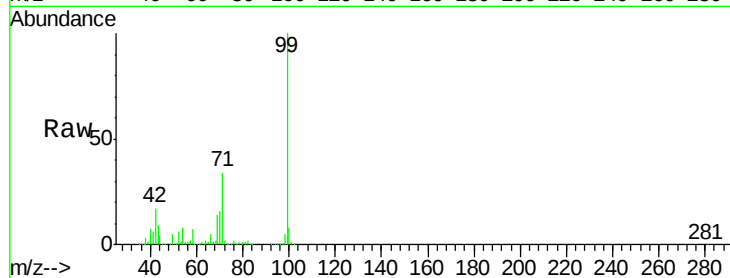
Tgt Ion: 99 Resp: 2253303

Ion Ratio Lower Upper

99 100

42 17.4 20.0 30.0#

71 34.2 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 12.29 ng

RT: 7.56 min Scan# 457

Delta R.T. 0.14 min

Lab File: BF090414.D

Acq: 6 Oct 2016 7:06

Tgt Ion: 70 Resp: 208662

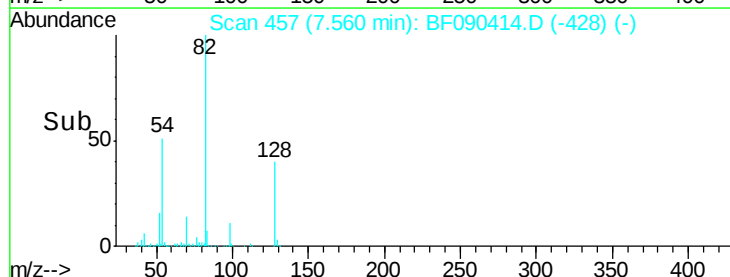
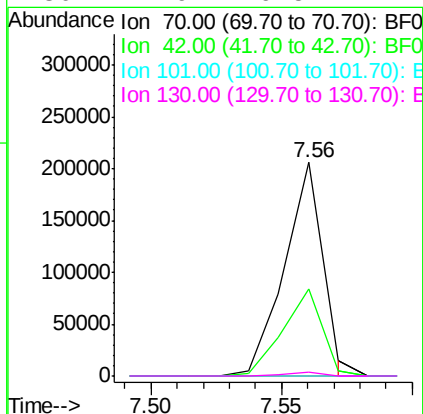
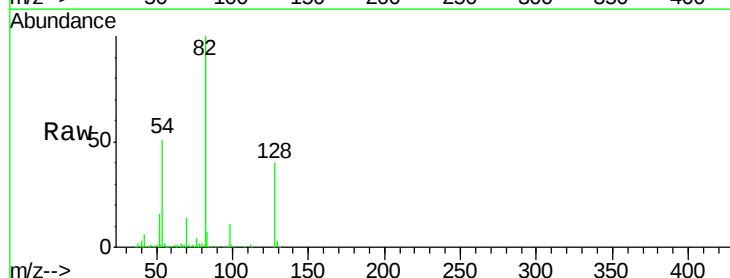
Ion Ratio Lower Upper

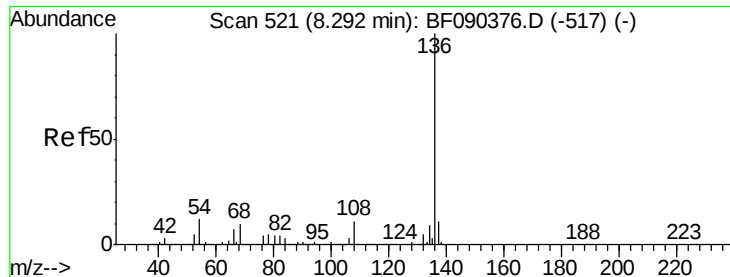
70 100

42 40.7 55.4 83.2#

101 0.0 7.6 11.4#

130 1.9 16.5 24.7#

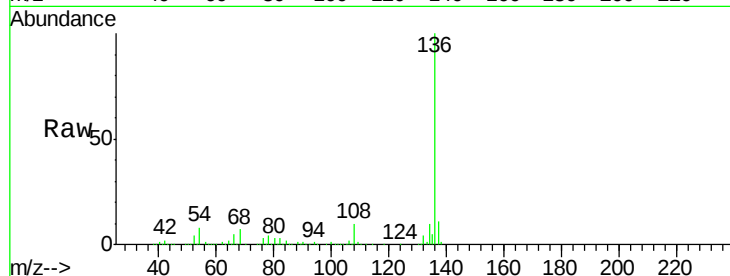




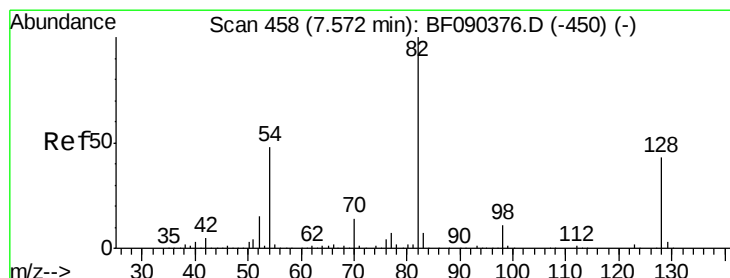
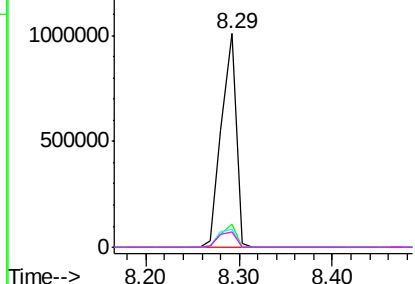
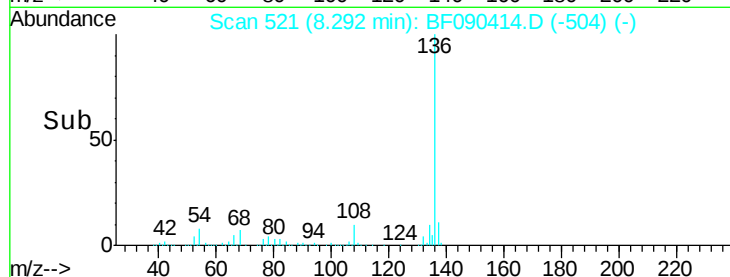
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF090414.D
Acq: 6 Oct 2016 7:06

Instrument :
BNA_F
ClientSampleId :
PB93730BL

Tgt Ion:136 Resp: 1106958
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 8.3 6.6 10.0
68 7.3 5.0 7.6

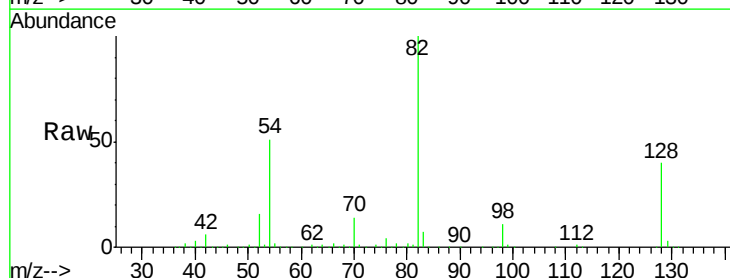


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

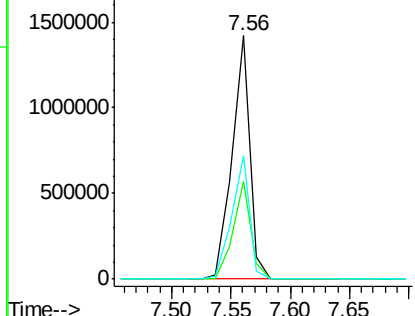
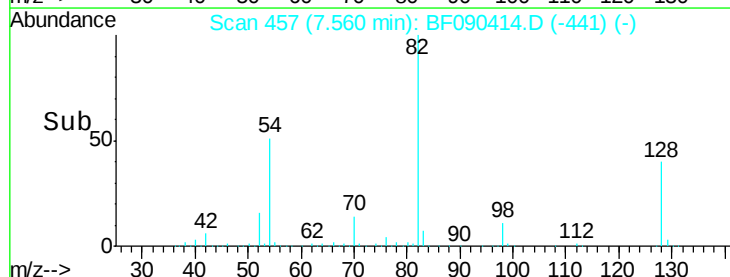


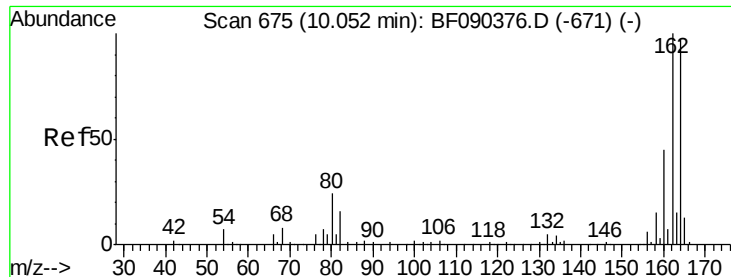
#23
Nitrobenzene-d5
Concen: 64.52 ng
RT: 7.56 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090414.D
Acq: 6 Oct 2016 7:06

Tgt Ion: 82 Resp: 1468194
Ion Ratio Lower Upper
82 100
128 39.9 40.0 60.0#
54 50.6 42.6 64.0



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: 10.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF090414.D

Acq: 6 Oct 2016 7:06

Instrument :

BNA_F

ClientSampleId :

PB93730BL

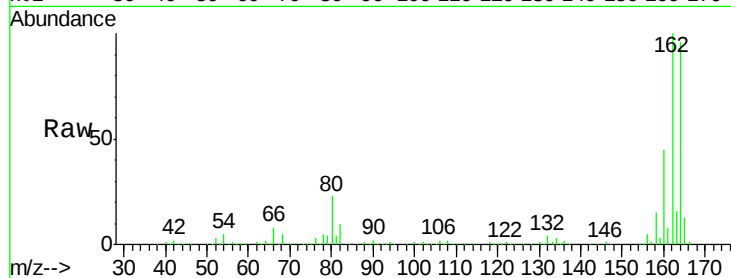
Tgt Ion:164 Resp: 573083

Ion Ratio Lower Upper

164 100

162 104.2 80.1 120.1

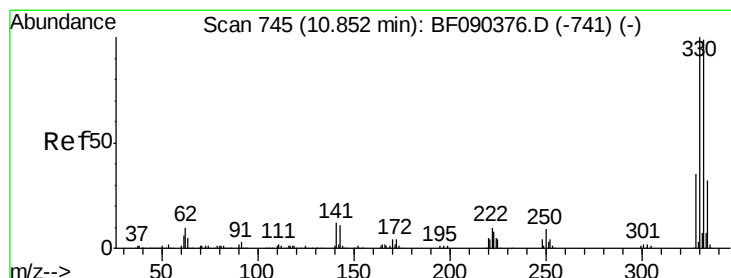
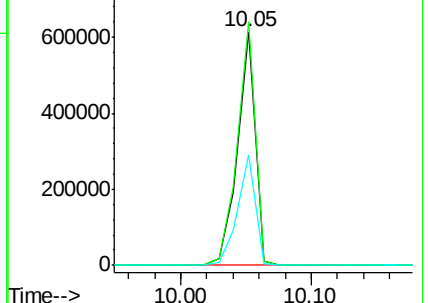
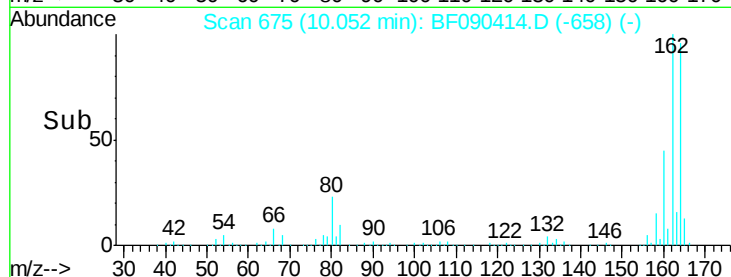
160 47.1 36.3 54.5



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: 108.42 ng

RT: 10.84 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF090414.D

Acq: 6 Oct 2016 7:06

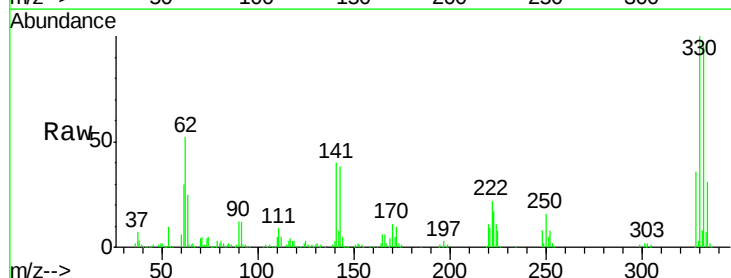
Tgt Ion:330 Resp: 505223

Ion Ratio Lower Upper

330 100

332 94.8 75.4 113.0

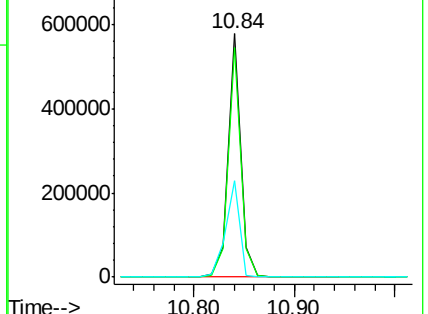
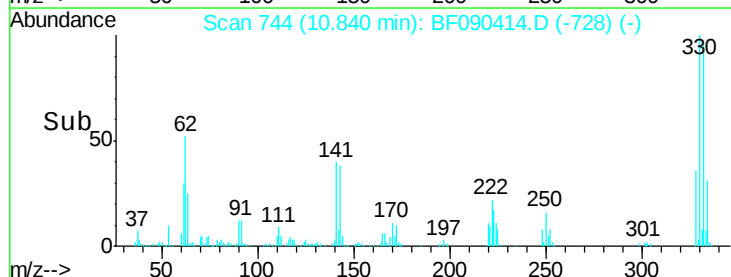
141 44.0 26.9 40.3#

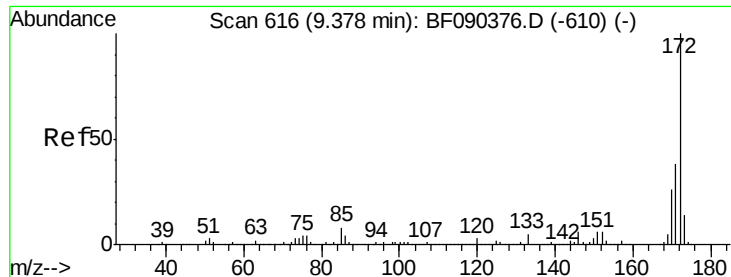


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

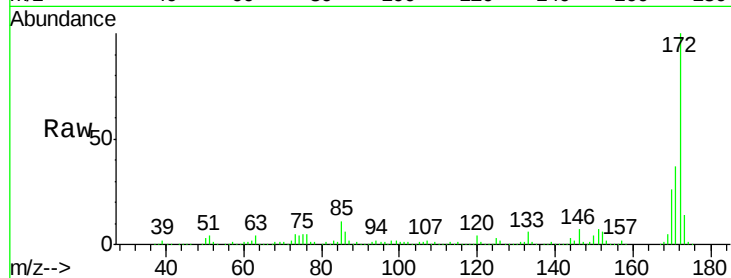




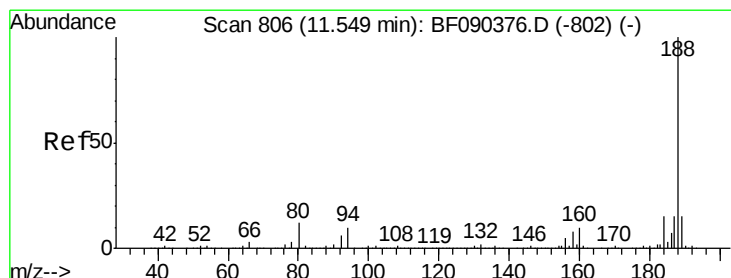
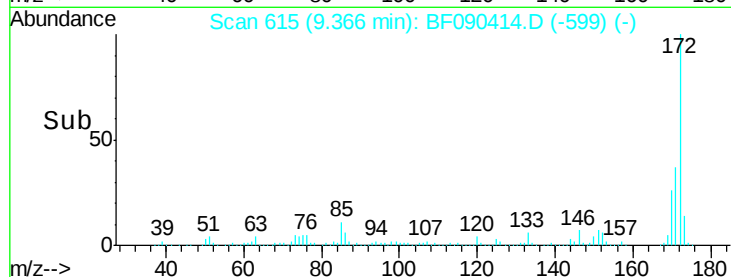
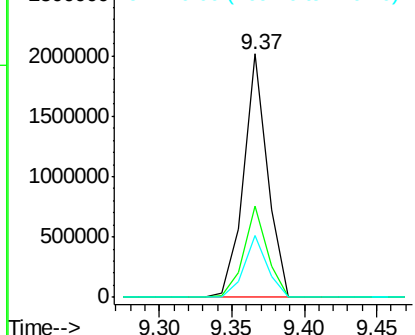
#44
 2-Fluorobiphenyl
 Concen: 66.78 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090414.D
 Acq: 6 Oct 2016 7:06

Instrument :
 BNA_F
 ClientSampleId :
 PB93730BL

Tgt Ion:172 Resp: 2297065
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.8 47.8
 170 25.6 21.7 32.5

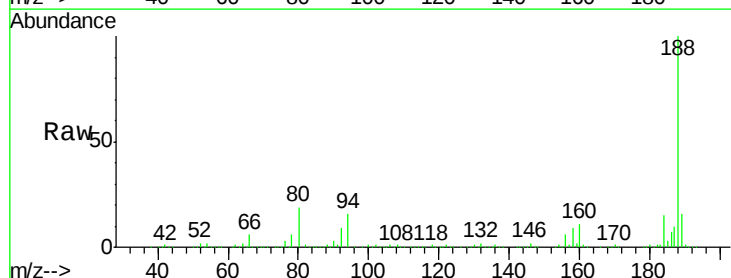


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

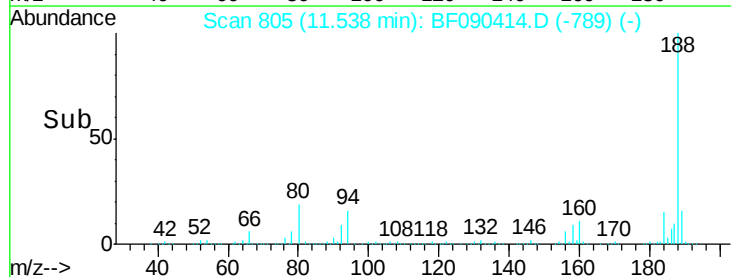
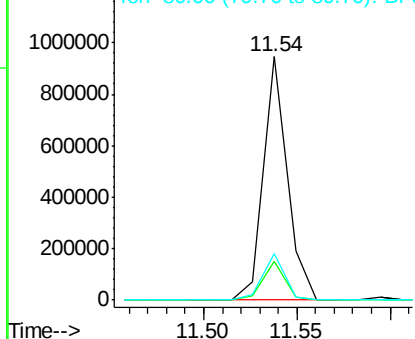


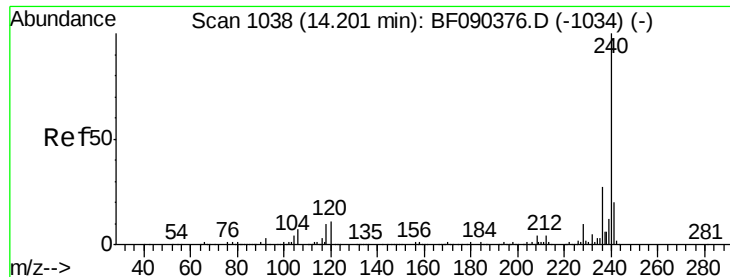
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.54 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF090414.D
 Acq: 6 Oct 2016 7:06

Tgt Ion:188 Resp: 832269
 Ion Ratio Lower Upper
 188 100
 94 15.8 8.2 12.2#
 80 19.1 8.8 13.2#



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: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090414.D

Acq: 6 Oct 2016 7:06

Instrument :

BNA_F

ClientSampleId :

PB93730BL

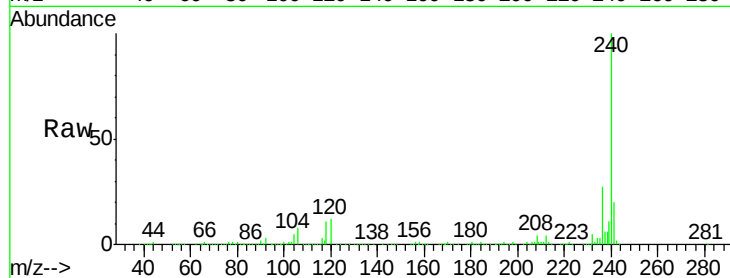
Tgt Ion:240 Resp: 677991

Ion Ratio Lower Upper

240 100

120 12.1 8.6 13.0

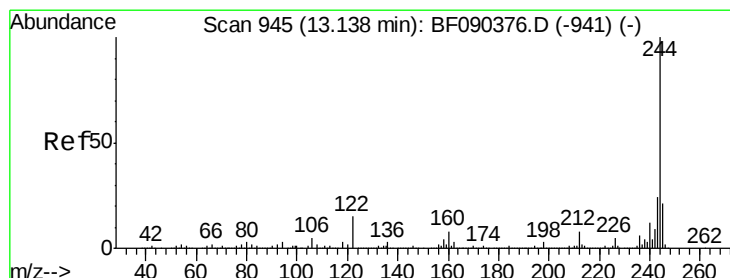
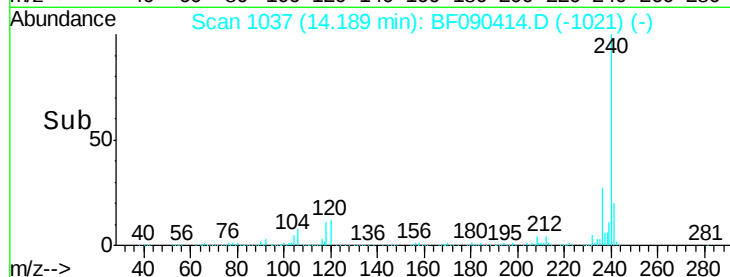
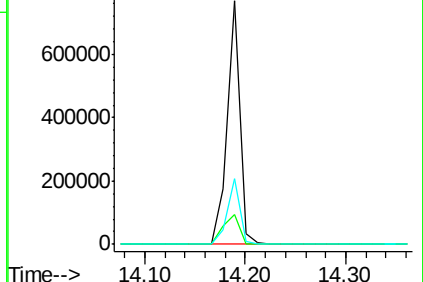
236 27.0 21.6 32.4



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: 88.41 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090414.D

Acq: 6 Oct 2016 7:06

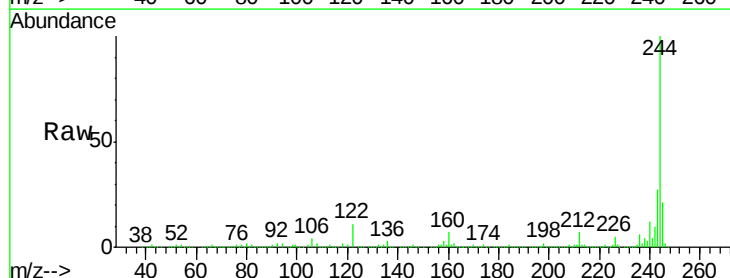
Tgt Ion:244 Resp: 2666293

Ion Ratio Lower Upper

244 100

212 7.4 6.8 10.2

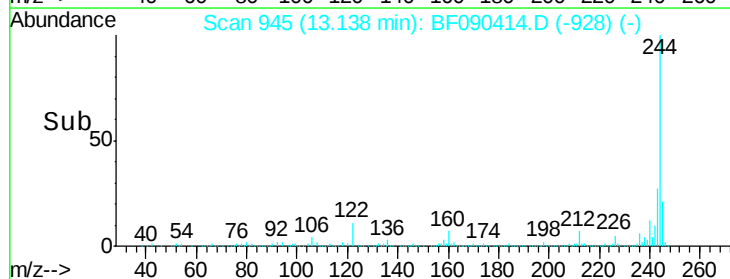
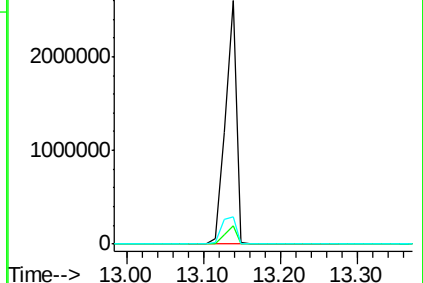
122 11.0 13.3 19.9#

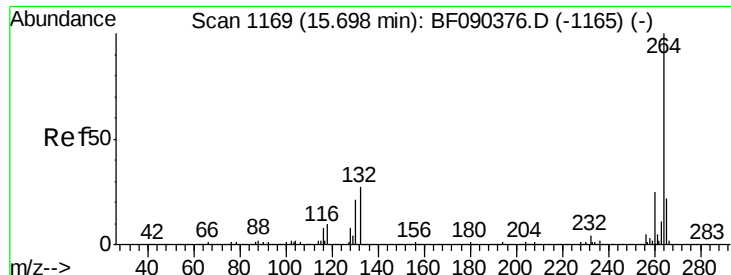


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

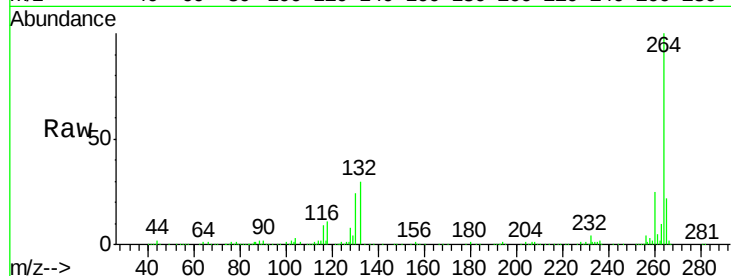




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.69 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF090414.D
Acq: 6 Oct 2016 7:06

Instrument :
BNA_F
ClientSampleId :
PB93730BL

Tgt Ion: 264 Resp: 453630
Ion Ratio Lower Upper
264 100
260 24.7 19.3 28.9
265 22.0 17.4 26.0



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

