

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090352.D
 Acq On : 4 Oct 2016 20:01
 Operator : UM/SJ
 Sample : PB93778BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93778BL

Quant Time: Oct 05 03:41:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 14:16:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	235056	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	906950	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	445941	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	635066	20.00	ng	0.00
75) Chrysene-d12	14.19	240	498297	20.00	ng	0.00
86) Perylene-d12	15.70	264	422552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1711313	114.83	ng	0.00
7) Phenol-d6	6.62	99	1870086	100.39	ng	0.00
23) Nitrobenzene-d5	7.57	82	1361122	87.48	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	349087	90.13	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2185902	79.92	ng	0.00
78) Terphenyl-d14	13.14	244	1799264	84.06	ng	0.00

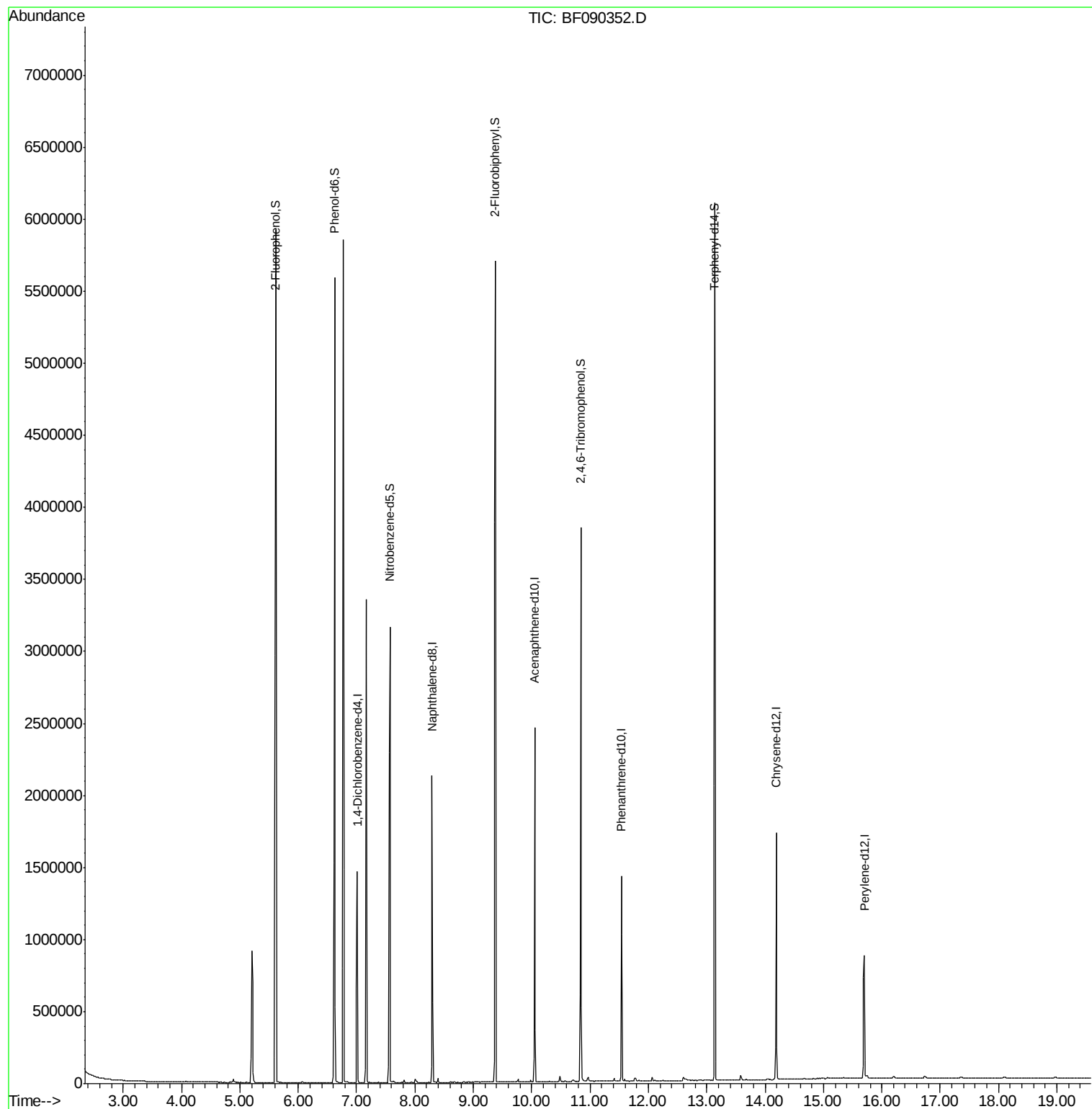
Target Compounds	Qvalue
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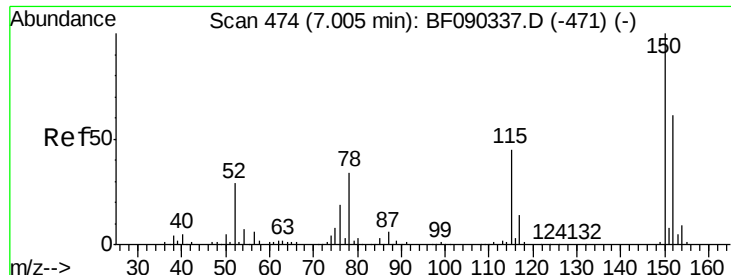
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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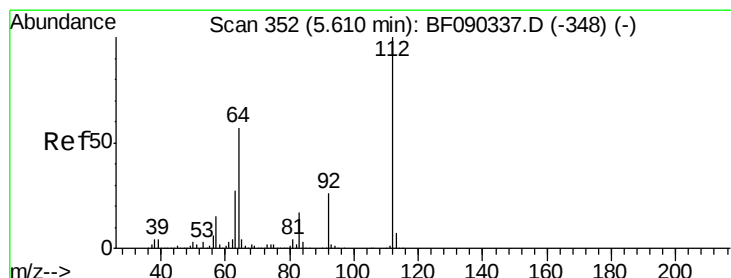
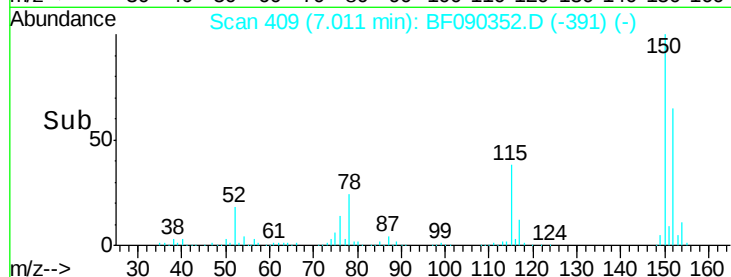
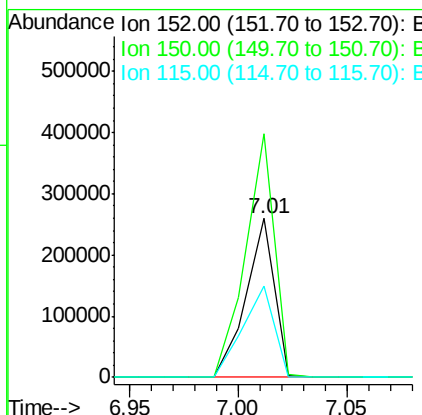
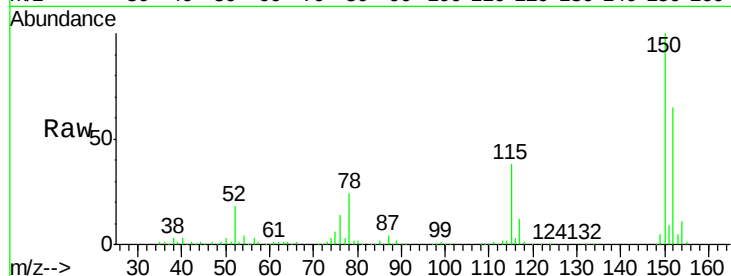




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.01 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: BF090352.D
 Acq: 4 Oct 2016 20:01

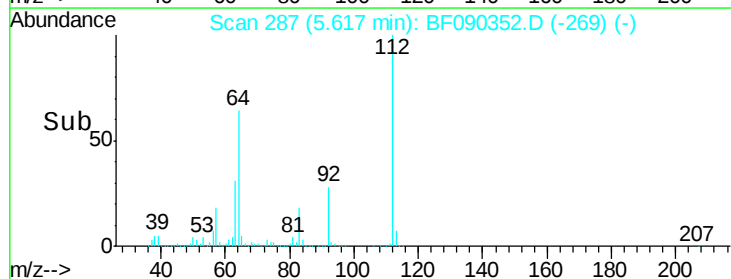
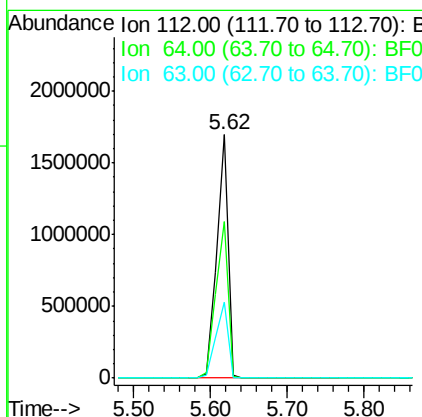
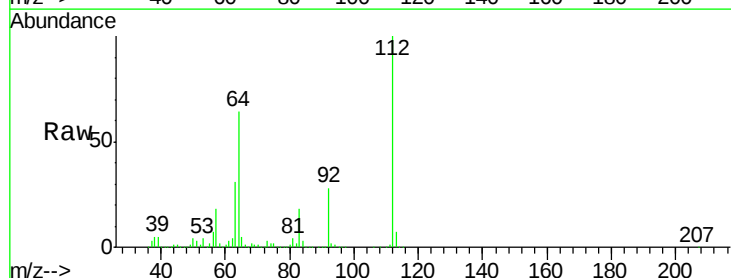
Instrument :
 BNA_F
 ClientSampleId :
 PB93778BL

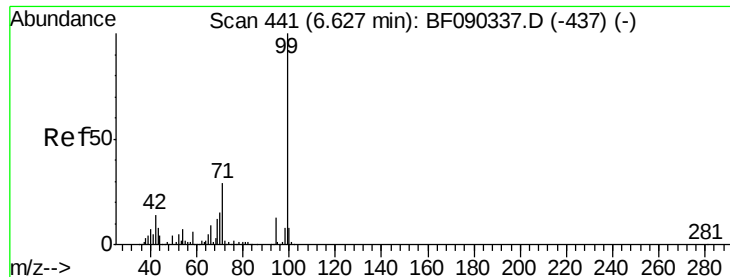
Tgt Ion:152 Resp: 235056
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.6 186.8
 115 57.7 46.2 69.4



#5
 2-Fluorophenol
 Concen: 114.83 ng
 RT: 5.62 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: BF090352.D
 Acq: 4 Oct 2016 20:01

Tgt Ion:112 Resp: 1711313
 Ion Ratio Lower Upper
 112 100
 64 64.4 57.9 86.9
 63 31.3 29.6 44.4





#7

Phenol-d6

Concen: 100.39 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090352.D

Acq: 4 Oct 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB93778BL

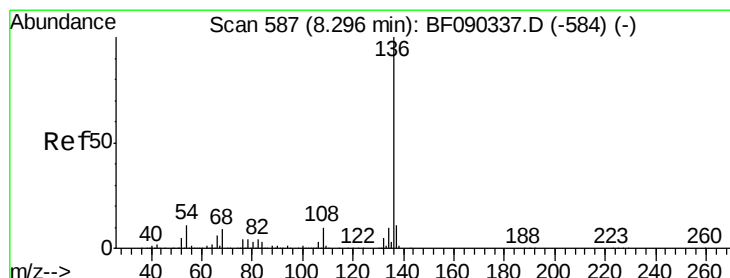
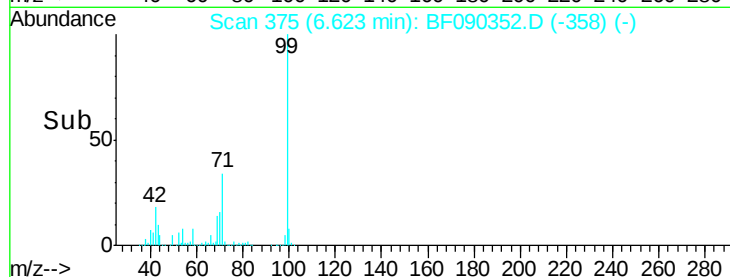
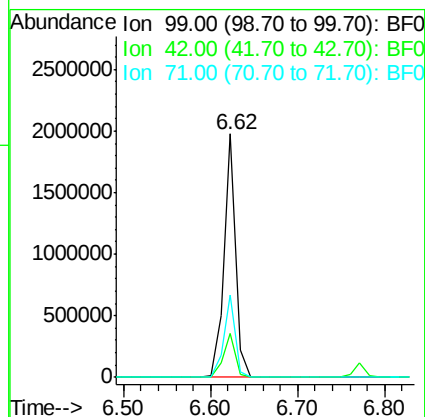
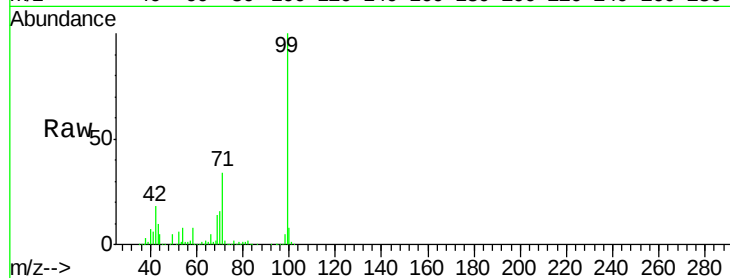
Tgt Ion: 99 Resp: 1870086

Ion Ratio Lower Upper

99 100

42 18.1 20.0 30.0#

71 33.7 27.9 41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090352.D

Acq: 4 Oct 2016 20:01

Tgt Ion: 136 Resp: 906950

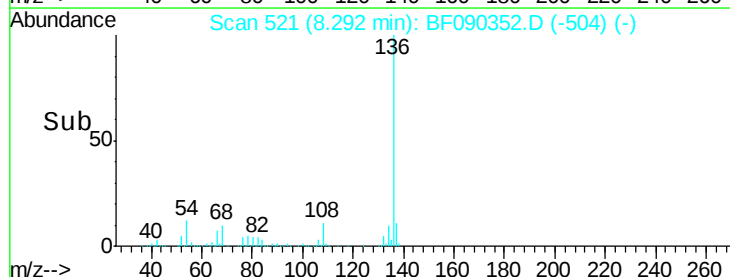
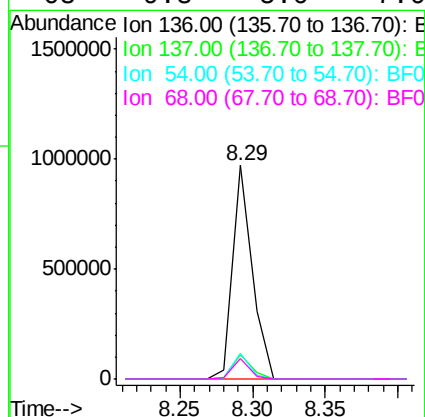
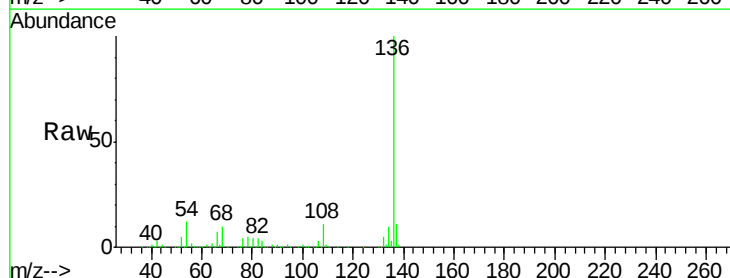
Ion Ratio Lower Upper

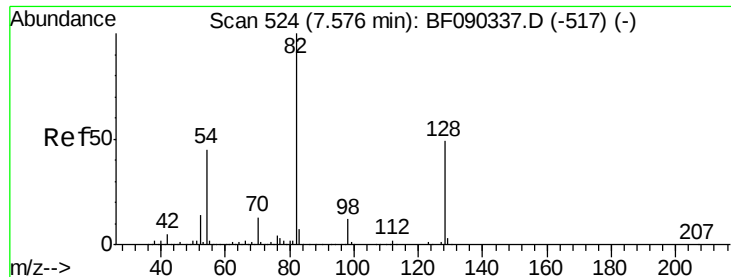
136 100

137 11.4 9.0 13.6

54 12.2 6.6 10.0#

68 9.8 5.0 7.6#

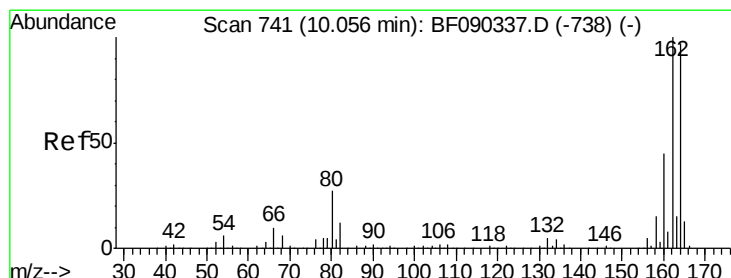
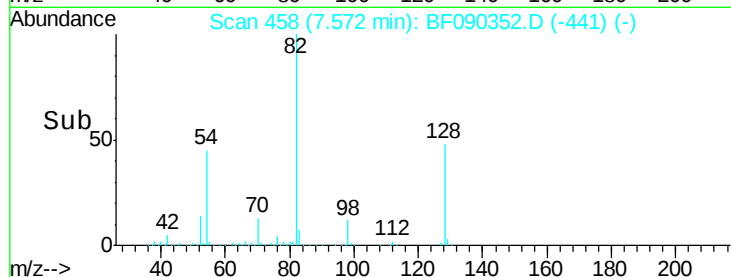
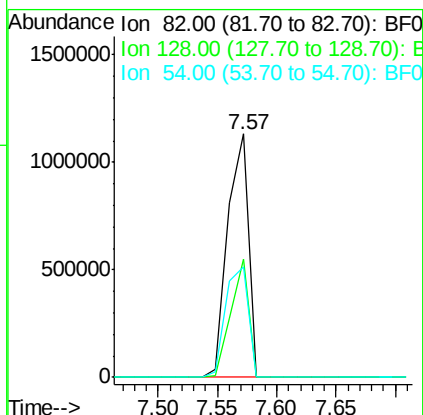
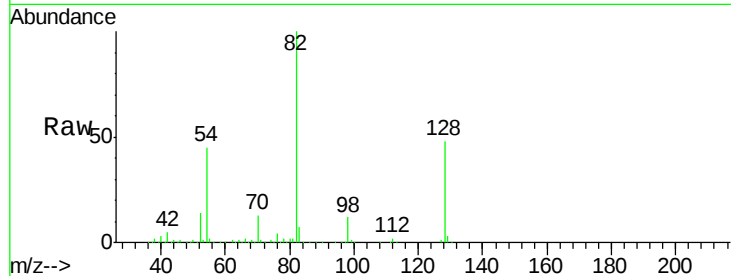




#23
 Nitrobenzene-d5
 Concen: 87.48 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090352.D
 Acq: 4 Oct 2016 20:01

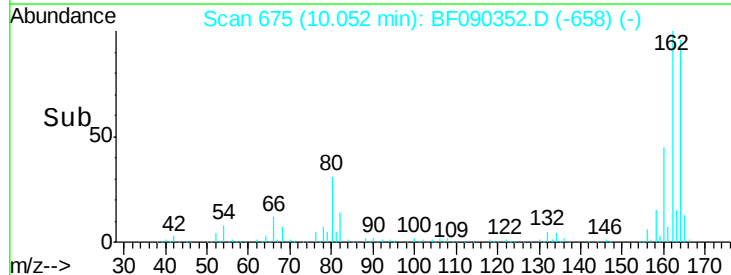
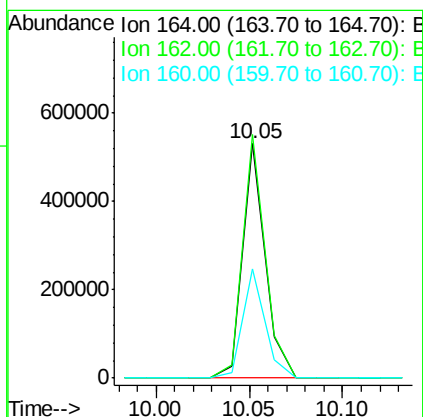
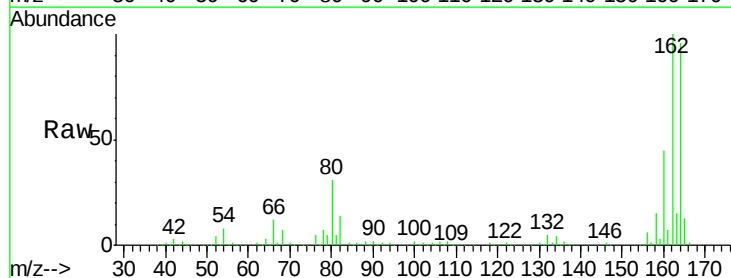
Instrument :
 BNA_F
 ClientSampleId :
 PB93778BL

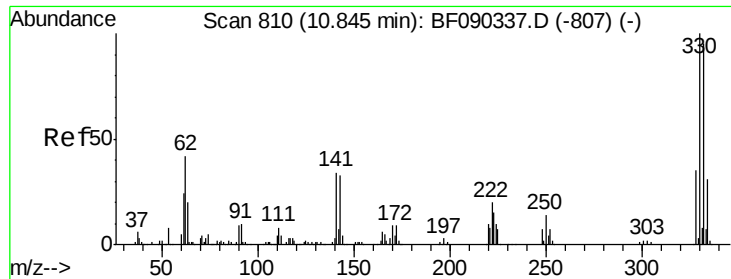
Tgt Ion: 82 Resp: 1361122
 Ion Ratio Lower Upper
 82 100
 128 48.3 40.0 60.0
 54 45.4 42.6 64.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.05 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF090352.D
 Acq: 4 Oct 2016 20:01

Tgt Ion: 164 Resp: 445941
 Ion Ratio Lower Upper
 164 100
 162 104.0 80.1 120.1
 160 46.8 36.3 54.5

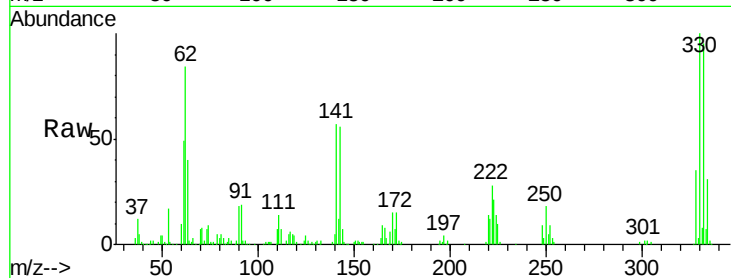




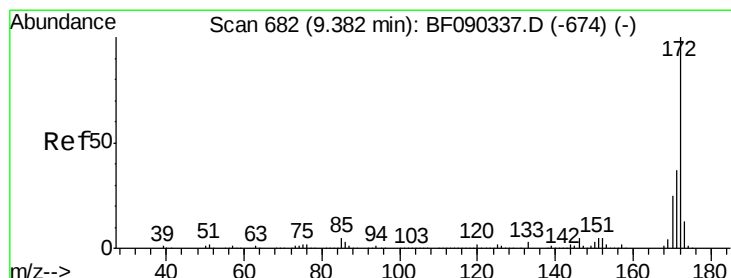
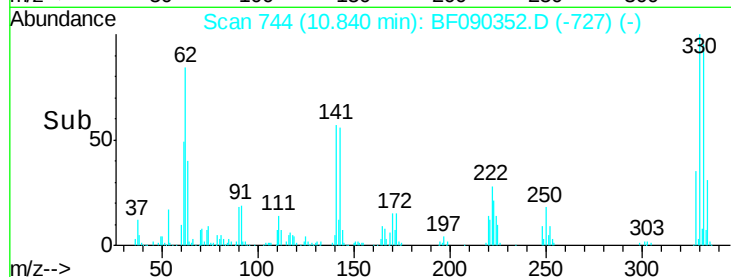
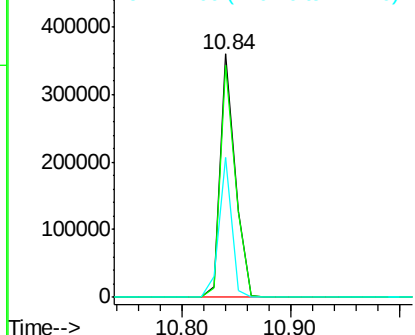
#41
 2,4,6-Tribromophenol
 Concen: 90.13 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF090352.D
 Acq: 4 Oct 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB93778BL

Tgt Ion:330 Resp: 349087
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.4 113.0
 141 48.7 26.9 40.3#

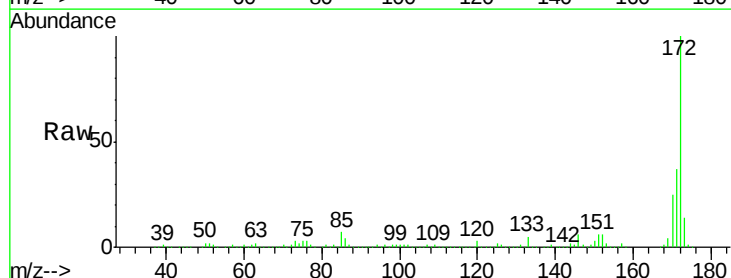


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

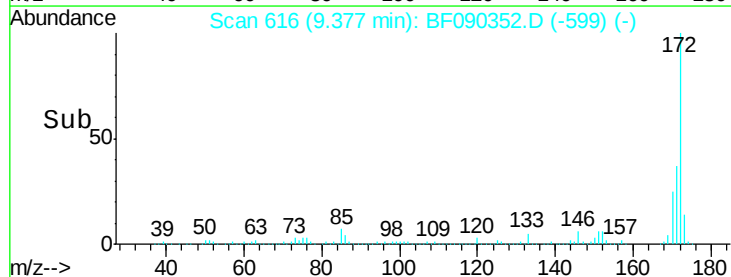
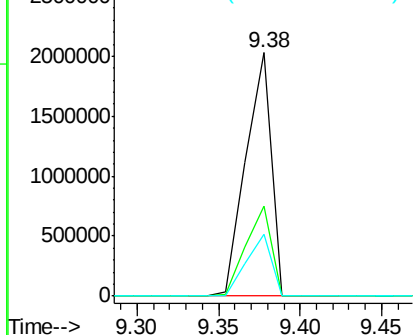


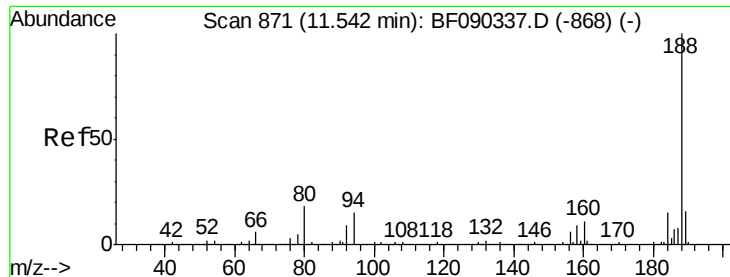
#44
 2-Fluorobiphenyl
 Concen: 79.92 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090352.D
 Acq: 4 Oct 2016 20:01

Tgt Ion:172 Resp: 2185902
 Ion Ratio Lower Upper
 172 100
 171 36.8 31.8 47.8
 170 25.2 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

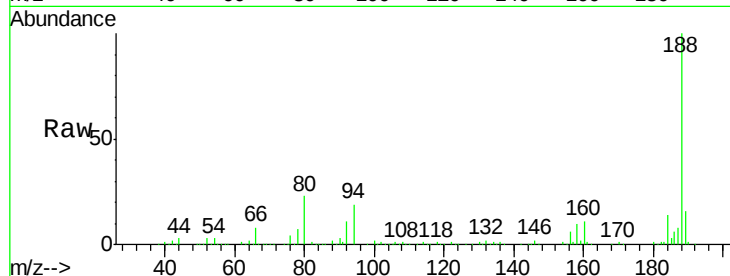




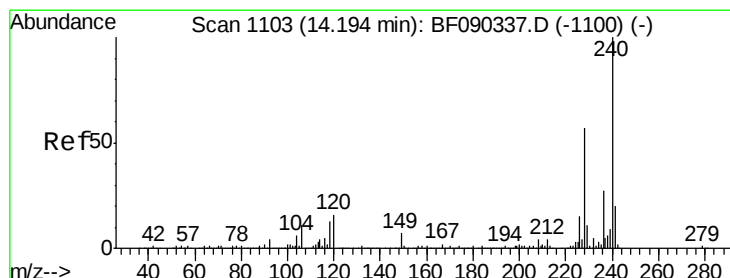
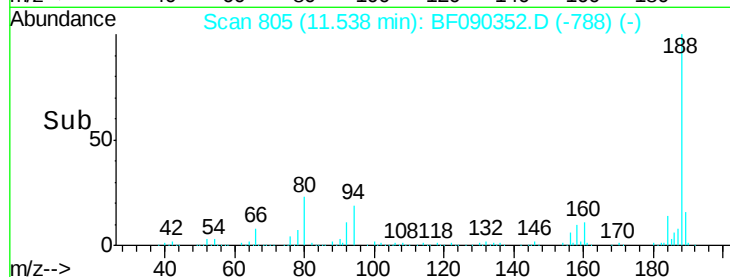
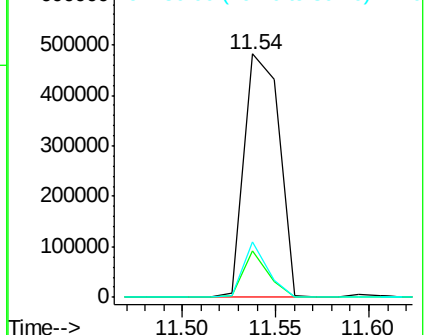
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF090352.D
Acq: 4 Oct 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB93778BL

Tgt Ion:188 Resp: 635066
Ion Ratio Lower Upper
188 100
94 19.3 8.2 12.2#
80 22.7 8.8 13.2#

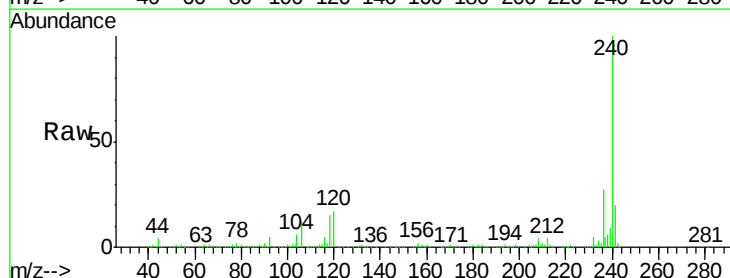


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

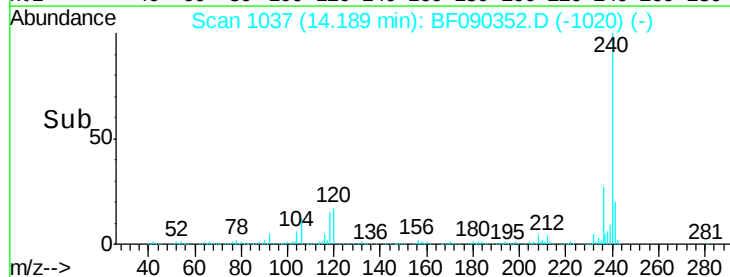
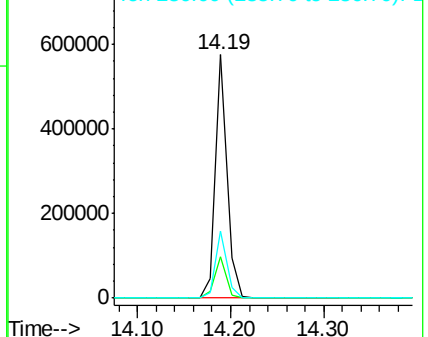


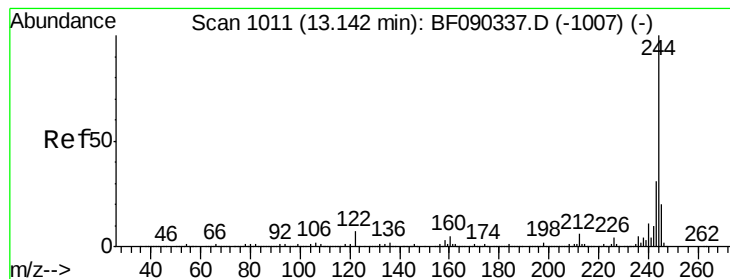
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF090352.D
Acq: 4 Oct 2016 20:01

Tgt Ion:240 Resp: 498297
Ion Ratio Lower Upper
240 100
120 16.9 8.6 13.0#
236 27.3 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: 84.06 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090352.D

Acq: 4 Oct 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB93778BL

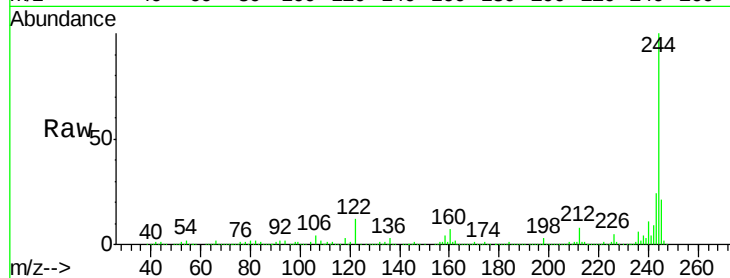
Tgt Ion:244 Resp: 1799264

Ion Ratio Lower Upper

244 100

212 7.5 6.8 10.2

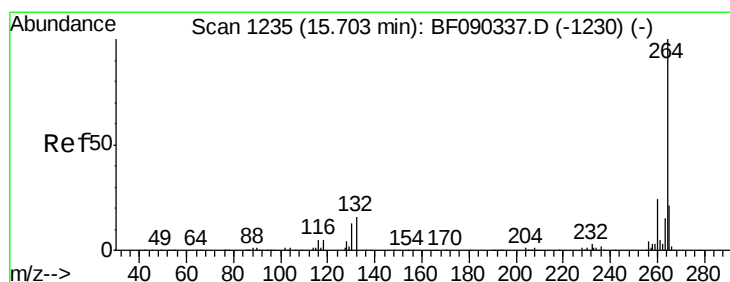
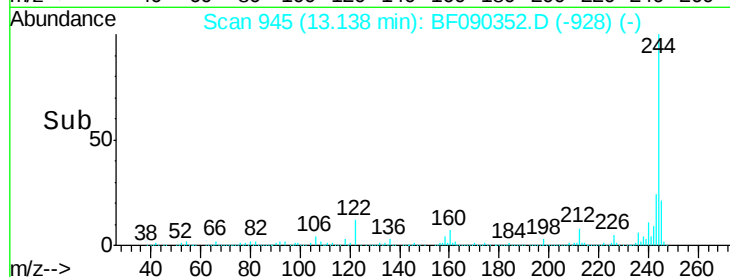
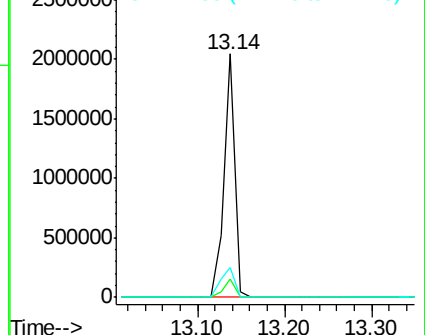
122 12.4 13.3 19.9#



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: 15.70 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF090352.D

Acq: 4 Oct 2016 20:01

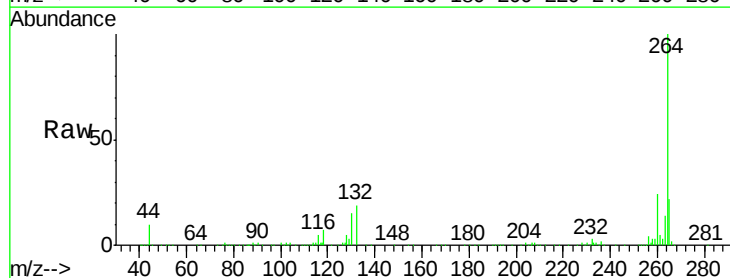
Tgt Ion:264 Resp: 422552

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 21.6 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

