

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011416\
 Data File : BE091366.D
 Acq On : 15 Jan 2016 00:50
 Operator : UM/IZ
 Sample : H1123-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TGV-PS-001

Quant Time: Jan 15 01:43:34 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 23:29:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	17621	5.00	ng	0.00
4) Naphthalene-d8	9.56	136	70170	5.00	ng	0.02
8) Acenaphthene-d10	13.36	164	36364	5.00	ng	0.00
14) Phenanthrene-d10	16.08	188	109176	5.00	ng	0.00
18) Chrysene-d12	20.22	240	103399	5.00	ng	0.00
24) Perylene-d12	22.10	264	86814	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.92	112	18642	6.86	ng	-0.03
3) Phenol-d6	6.55	99	28268	6.03	ng	-0.02
5) Nitrobenzene-d5	8.18	82	17665	4.34	ng	0.01
9) 2,4,6-Tribromophenol	14.89	330	4951	4.15	ng	0.00
10) 2-Fluorobiphenyl	12.01	172	36487	4.64	ng	0.00
20) Terphenyl-d14	18.62	244	62526	4.28	ng	0.00

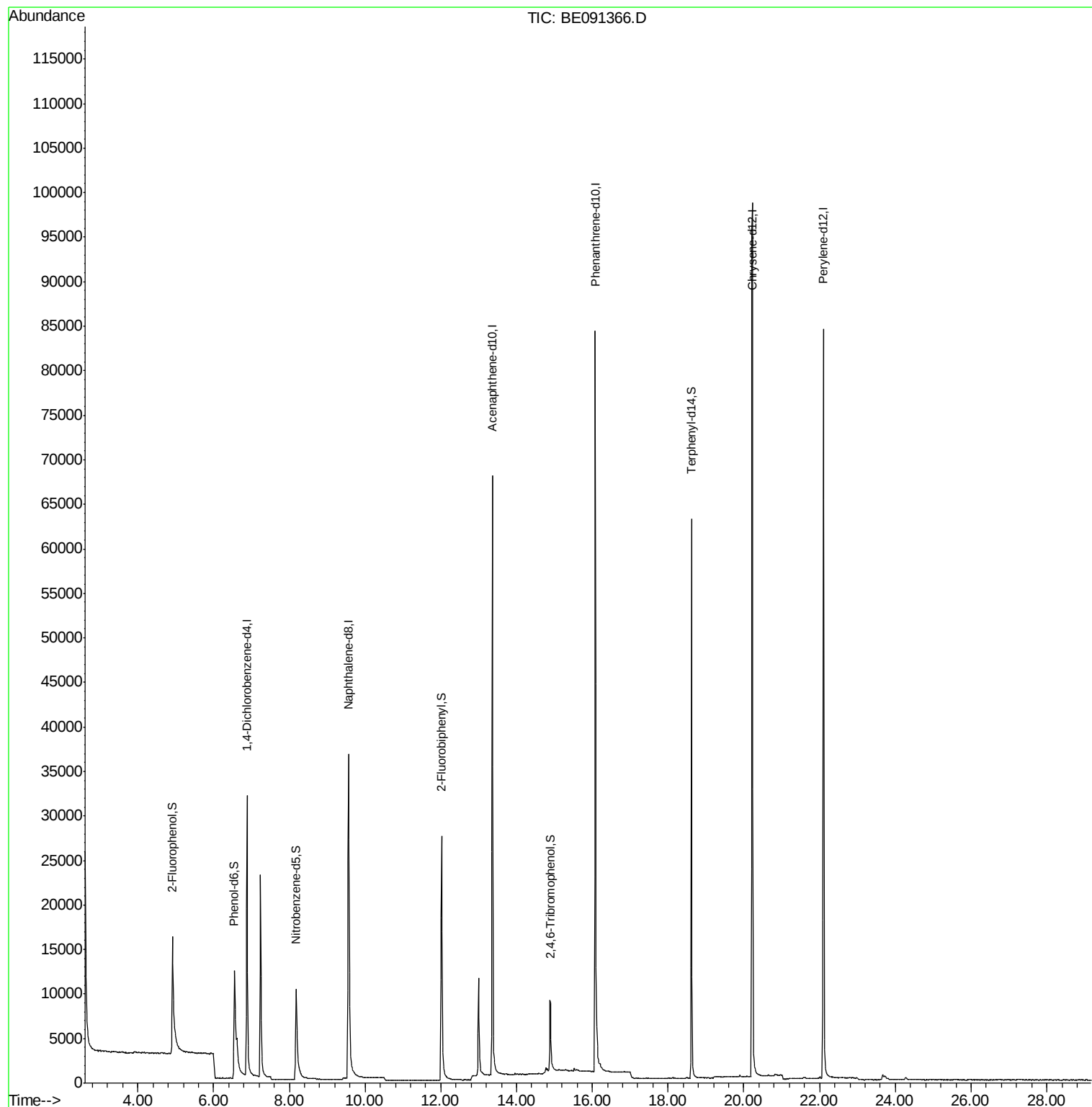
Target Compounds	Qvalue
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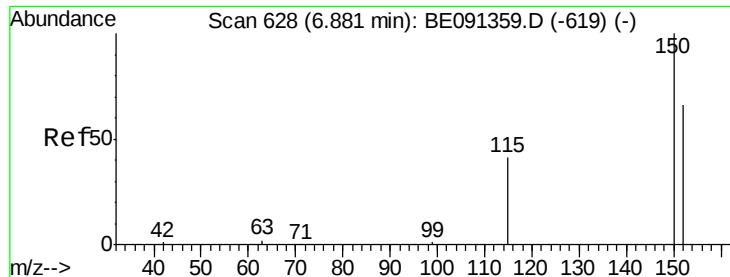
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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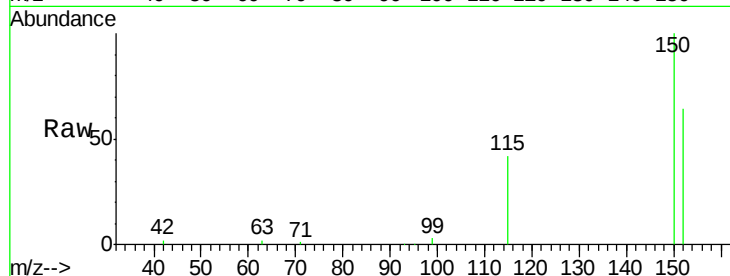




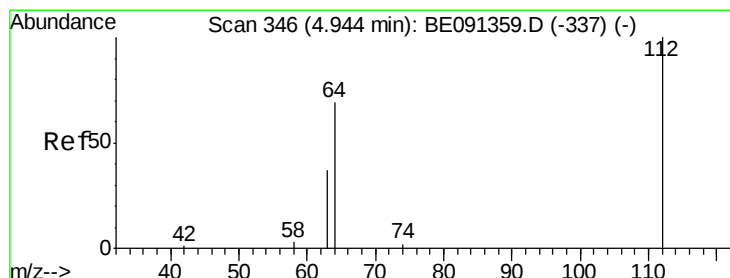
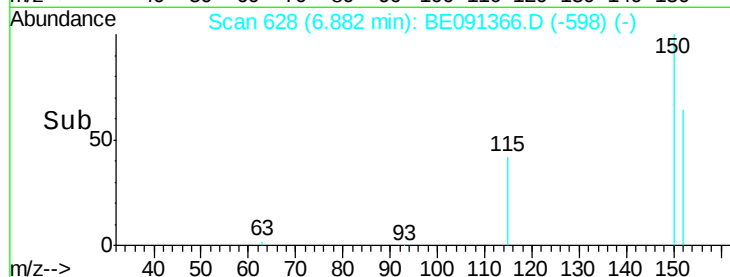
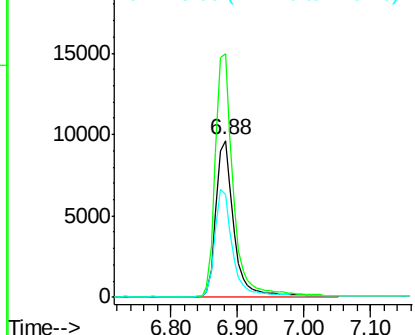
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 6.88 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BE091366.D
 Acq: 15 Jan 2016 00:50

Instrument :
 BNA_E
 ClientSampleId :
 TGV-PS-001

Tgt Ion:152 Resp: 17621
 Ion Ratio Lower Upper
 152 100
 150 155.2 121.6 182.4
 115 65.6 50.6 75.8

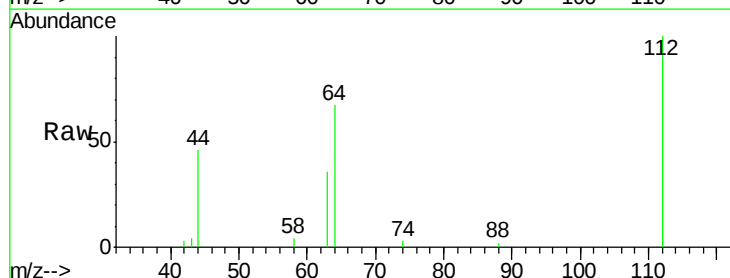


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

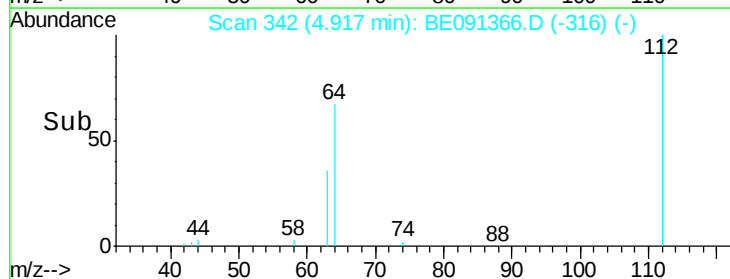
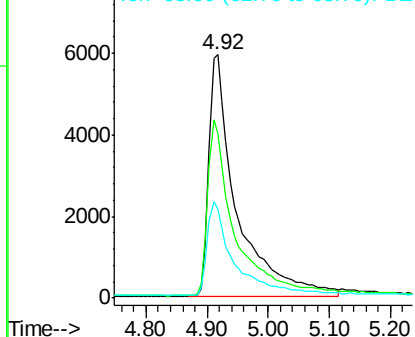


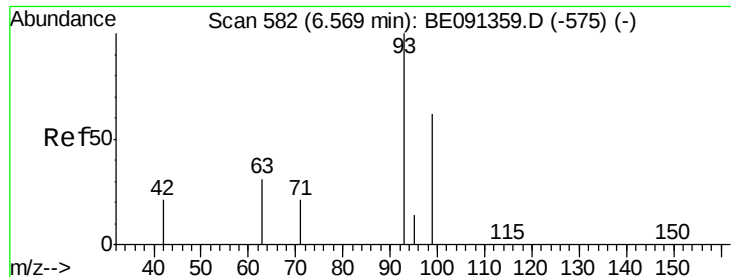
#2
 2-Fluorophenol
 Concen: 6.86 ng
 RT: 4.92 min Scan# 342
 Delta R.T. -0.03 min
 Lab File: BE091366.D
 Acq: 15 Jan 2016 00:50

Tgt Ion:112 Resp: 18642
 Ion Ratio Lower Upper
 112 100
 64 71.6 57.4 86.0
 63 38.5 32.2 48.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#3

Phenol-d6

Concen: 6.03 ng

RT: 6.55 min Scan# 579

Delta R.T. -0.02 min

Lab File: BE091366.D

Acq: 15 Jan 2016 00:50

Instrument :

BNA_E

ClientSampleId :

TGV-PS-001

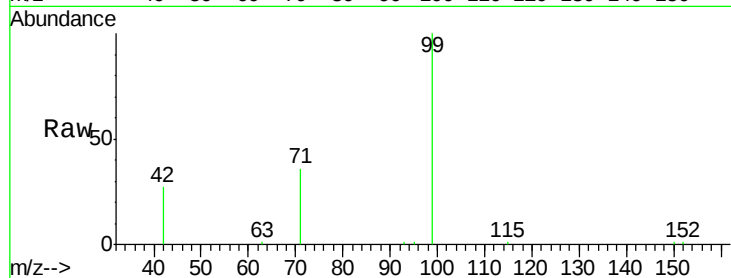
Tgt Ion: 99 Resp: 28268

Ion Ratio Lower Upper

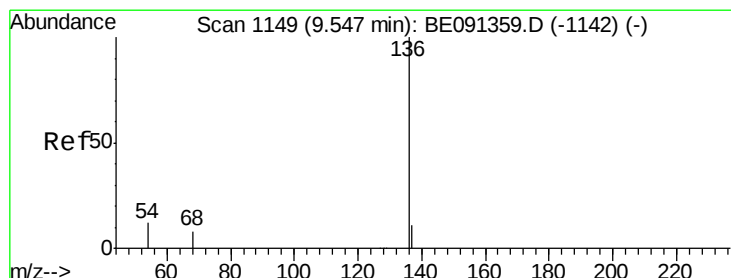
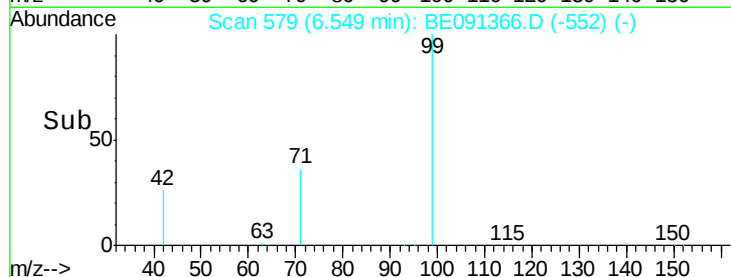
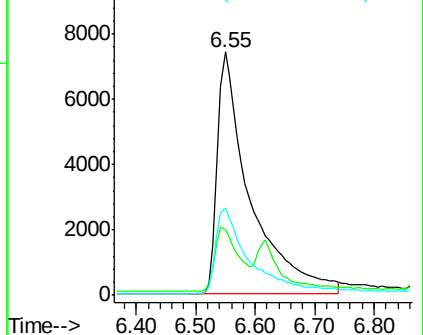
99 100

42 18.9 22.9 34.3#

71 36.5 35.4 53.2



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#4

Naphthalene-d8

Concen: 5.00 ng

RT: 9.56 min Scan# 1151

Delta R.T. 0.02 min

Lab File: BE091366.D

Acq: 15 Jan 2016 00:50

Tgt Ion: 136 Resp: 70170

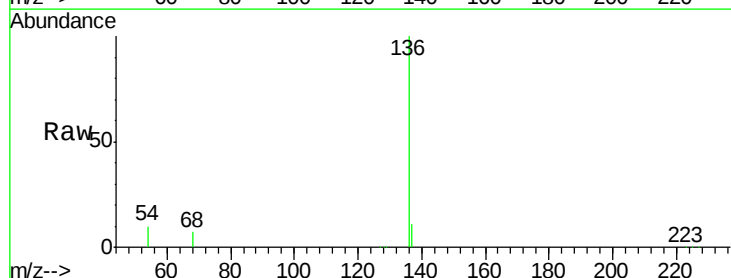
Ion Ratio Lower Upper

136 100

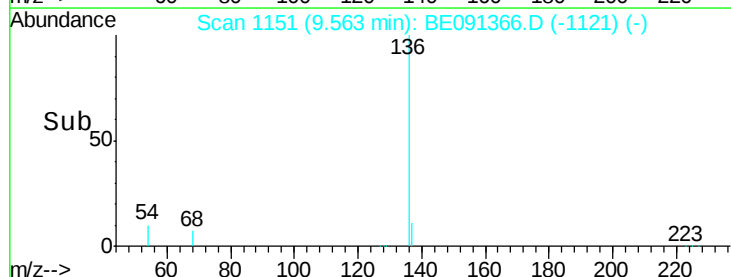
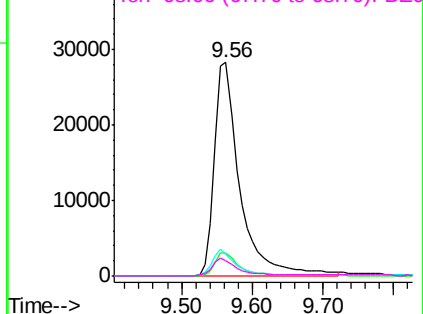
137 11.0 8.7 13.1

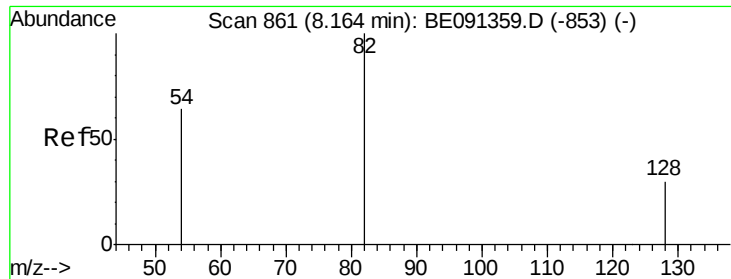
54 10.4 9.8 14.6

68 7.4 6.6 10.0



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): BE0
Ion 68.00 (67.70 to 68.70): BE0





#5

Nitrobenzene-d5

Concen: 4.34 ng

RT: 8.18 min Scan# 864

Delta R.T. 0.01 min

Lab File: BE091366.D

Acq: 15 Jan 2016 00:50

Instrument :

BNA_E

ClientSampleId :

TGV-PS-001

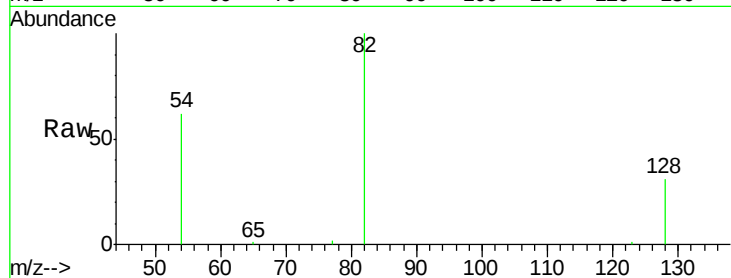
Tgt Ion: 82 Resp: 17665

Ion Ratio Lower Upper

82 100

128 31.1 24.6 36.8

54 62.4 52.7 79.1

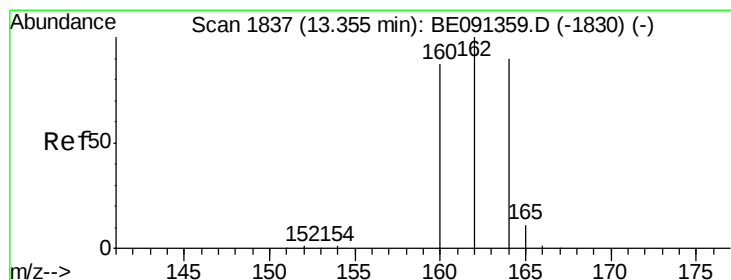
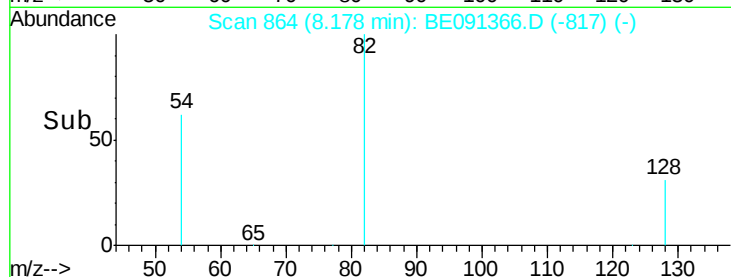


Abundance Ion 82.00 (81.70 to 82.70): BE091359.D (-853) (-)

Ion 128.00 (127.70 to 128.70): BE091359.D (-853) (-)

Ion 54.00 (53.70 to 54.70): BE091359.D (-853) (-)

Time-->



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.36 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BE091366.D

Acq: 15 Jan 2016 00:50

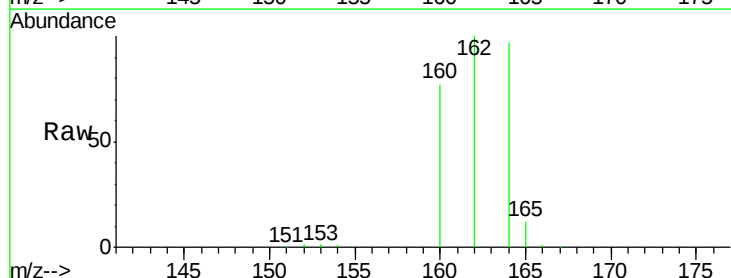
Tgt Ion: 164 Resp: 36364

Ion Ratio Lower Upper

164 100

162 103.3 88.5 132.7

160 79.2 76.7 115.1

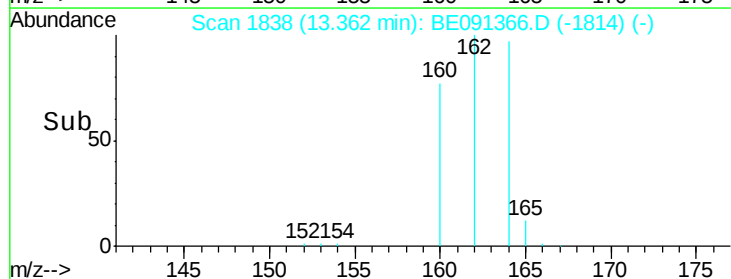


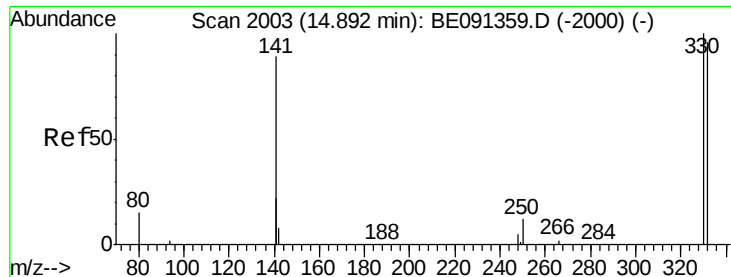
Abundance Ion 164.00 (163.70 to 164.70): BE091359.D (-1830) (-)

Ion 162.00 (161.70 to 162.70): BE091359.D (-1830) (-)

Ion 160.00 (159.70 to 160.70): BE091359.D (-1830) (-)

Time-->





#9

2,4,6-Tribromophenol

Concen: 4.15 ng

RT: 14.89 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BE091366.D

Acq: 15 Jan 2016 00:50

Instrument :

BNA_E

ClientSampleId :

TGV-PS-001

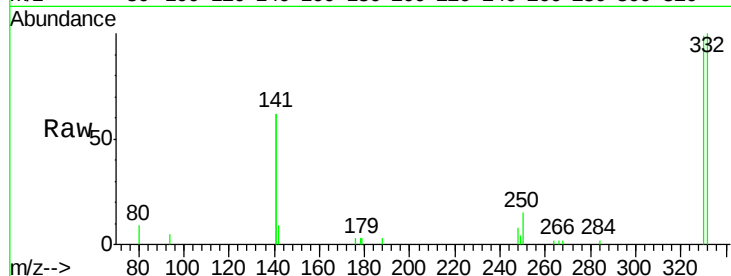
Tgt Ion:330 Resp: 4951

Ion Ratio Lower Upper

330 100

332 97.3 78.6 118.0

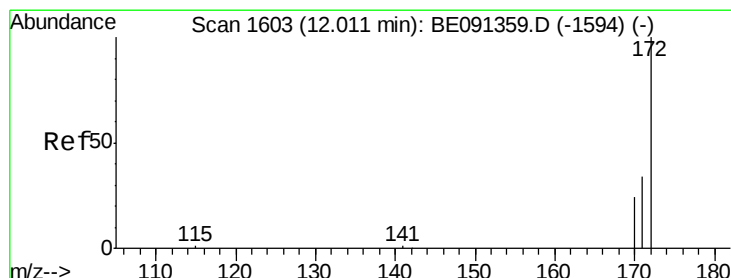
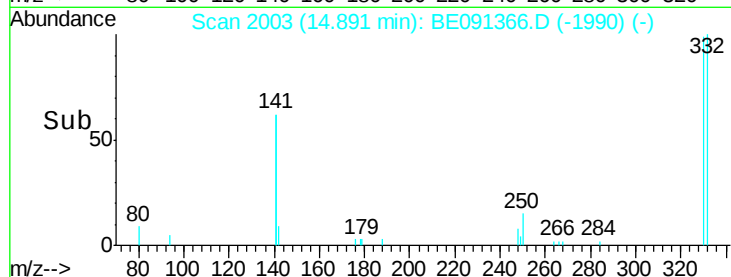
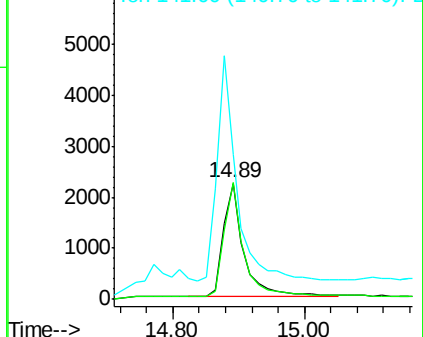
141 184.1 147.8 221.8



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



#10

2-Fluorobiphenyl

Concen: 4.64 ng

RT: 12.01 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BE091366.D

Acq: 15 Jan 2016 00:50

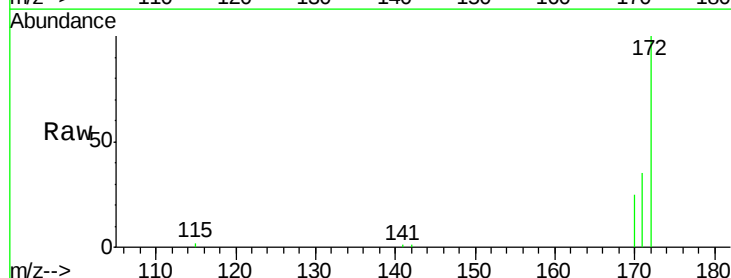
Tgt Ion:172 Resp: 36487

Ion Ratio Lower Upper

172 100

171 35.2 27.3 40.9

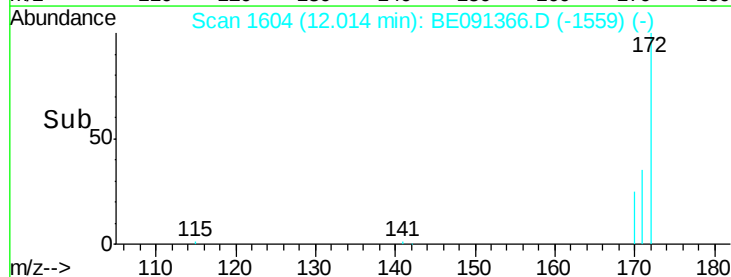
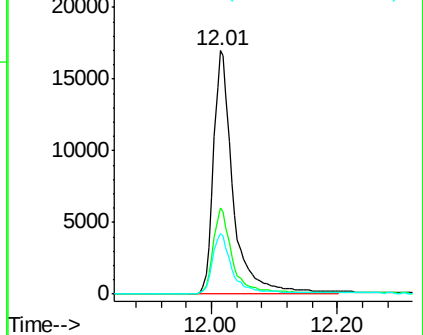
170 24.9 19.8 29.6

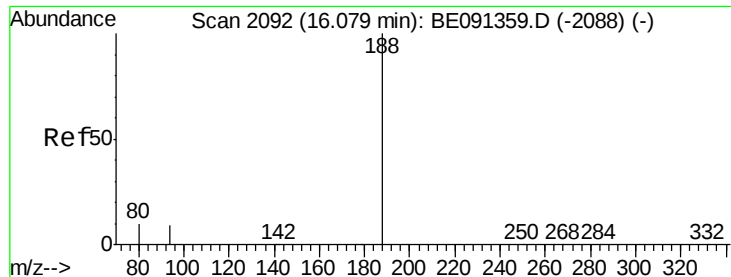


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

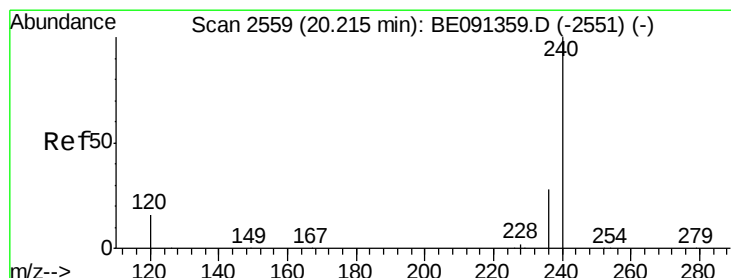
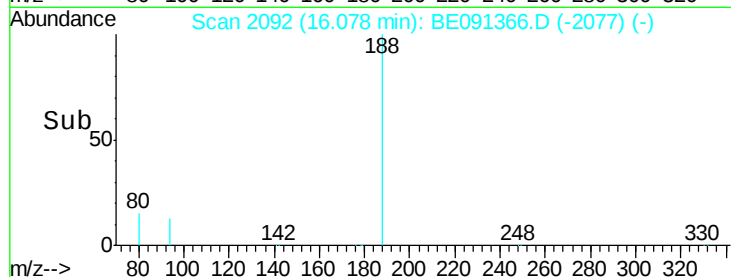
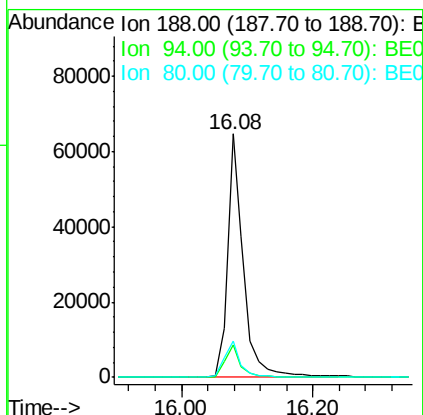
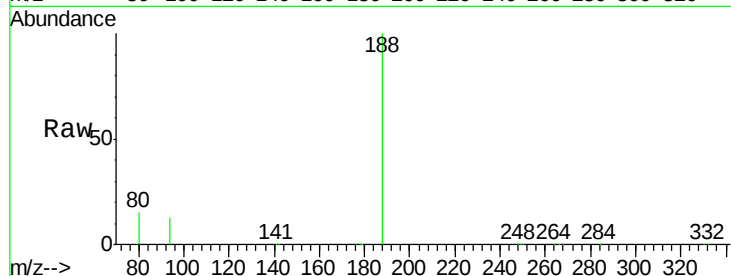




#14
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.08 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BE091366.D
Acq: 15 Jan 2016 00:50

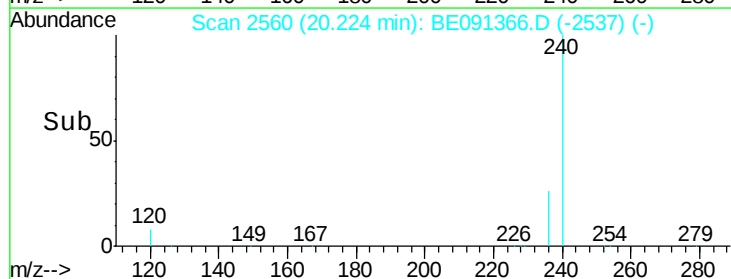
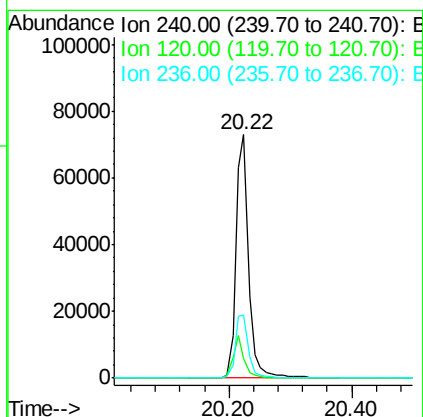
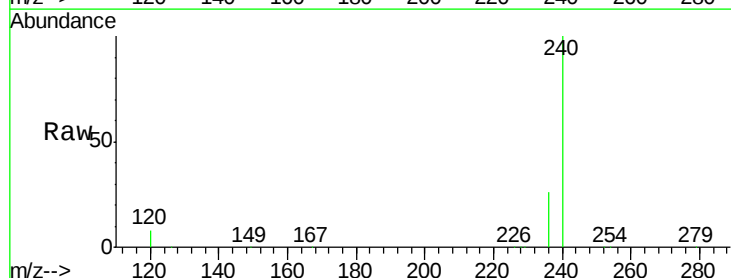
Instrument :
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TGV-PS-001

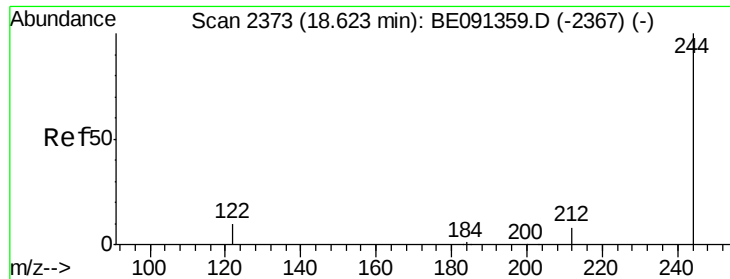
Tgt Ion:188 Resp: 109176
Ion Ratio Lower Upper
188 100
94 13.4 7.5 11.3#
80 15.0 8.2 12.2#



#18
Chrysene-d12
Concen: 5.00 ng
RT: 20.22 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BE091366.D
Acq: 15 Jan 2016 00:50

Tgt Ion:240 Resp: 103399
Ion Ratio Lower Upper
240 100
120 8.1 12.6 19.0#
236 25.9 22.7 34.1





#20

Terphenyl-d14

Concen: 4.28 ng

RT: 18.62 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BE091366.D

Acq: 15 Jan 2016 00:50

Instrument :

BNA_E

ClientSampleId :

TGV-PS-001

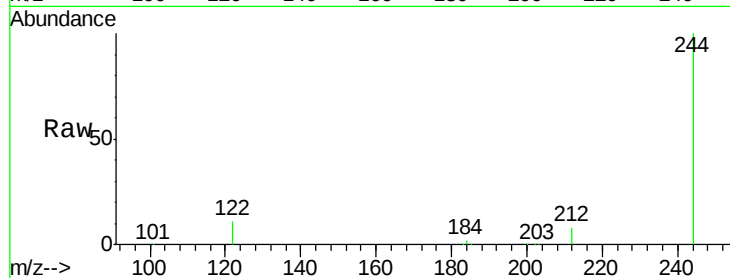
Tgt Ion:244 Resp: 62526

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

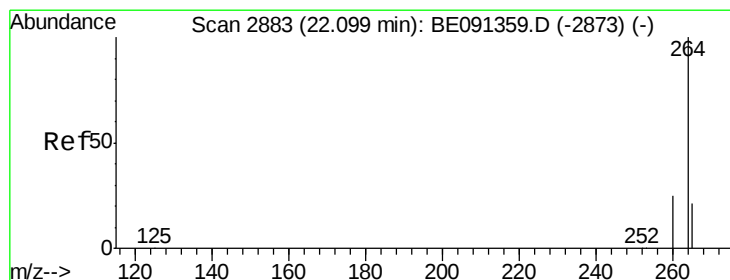
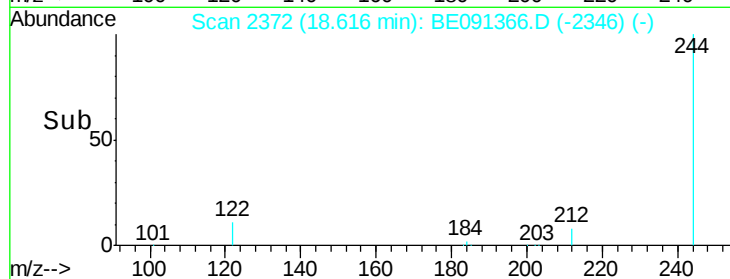
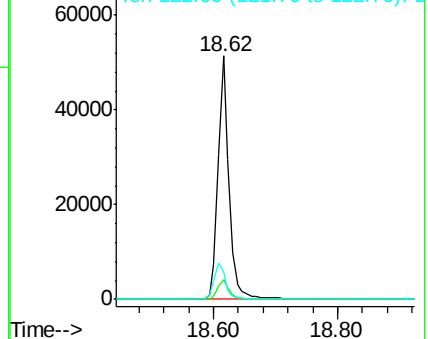
122 11.3 8.5 12.7



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



#24

Perylene-d12

Concen: 5.00 ng

RT: 22.10 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BE091366.D

Acq: 15 Jan 2016 00:50

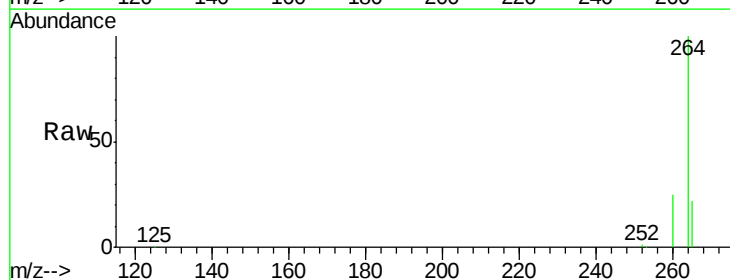
Tgt Ion:264 Resp: 86814

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 21.7 17.2 25.8



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

