

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011516\
 Data File : BE091373.D
 Acq On : 15 Jan 2016 10:17
 Operator : UM/IZ
 Sample : PB87820BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB87820BL

Quant Time: Jan 16 05:09:28 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 15 15:14:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	22724	5.00	ng	0.00
4) Naphthalene-d8	9.55	136	94665	5.00	ng	0.00
8) Acenaphthene-d10	13.36	164	44752	5.00	ng	0.00
14) Phenanthrene-d10	16.08	188	131435	5.00	ng	0.00
18) Chrysene-d12	20.22	240	121278	5.00	ng	0.00
24) Perylene-d12	22.10	264	110214	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	4.90	112	33669	8.79	ng	-0.04
3) Phenol-d6	6.54	99	47282	7.32	ng	-0.03
5) Nitrobenzene-d5	8.17	82	24886	3.71	ng	0.00
9) 2,4,6-Tribromophenol	14.89	330	6562	4.43	ng	0.00
10) 2-Fluorobiphenyl	12.02	172	50428	4.09	ng	0.00
20) Terphenyl-d14	18.62	244	72207	4.22	ng	0.00

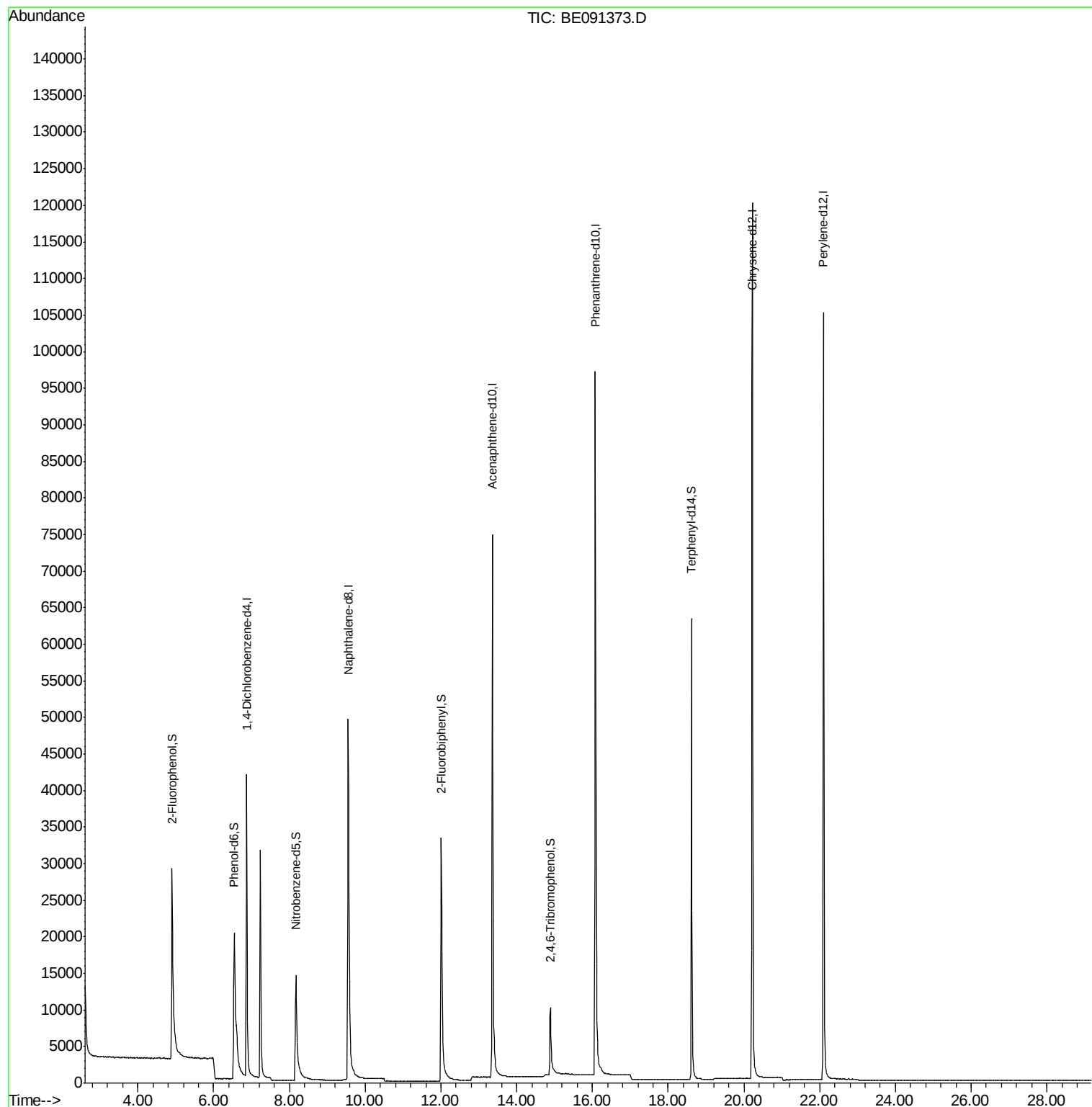
Target Compounds	Qvalue
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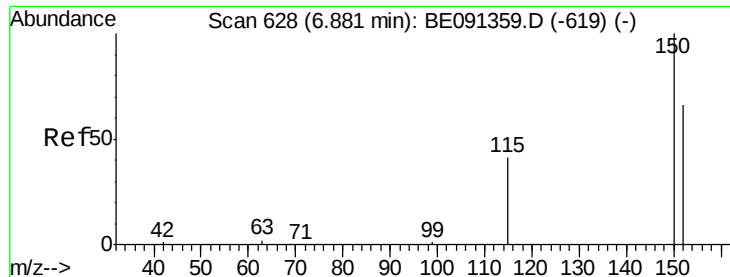
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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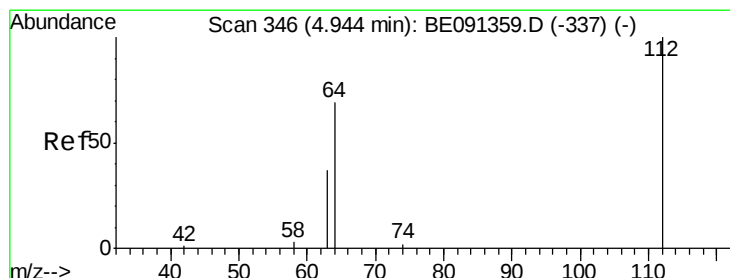
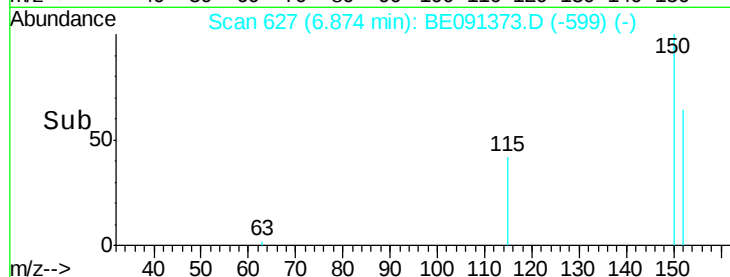
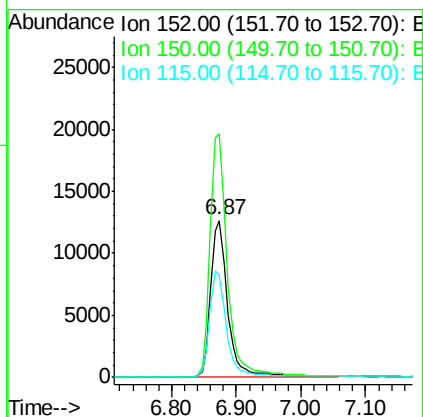
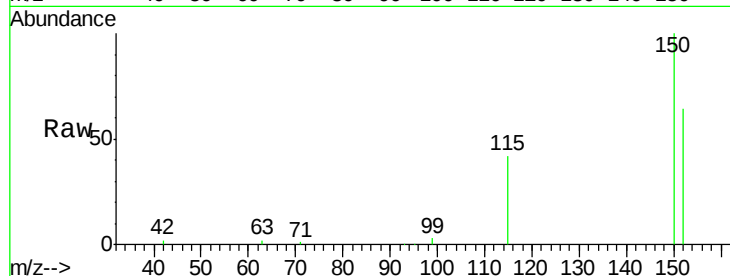


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.87 min Scan# 627
Delta R.T. -0.01 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Instrument :
BNA_E
ClientSampleId :
PB87820BL

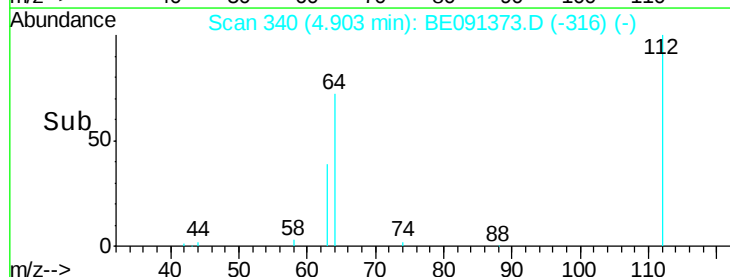
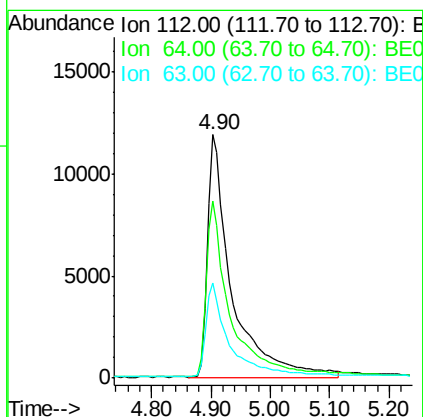
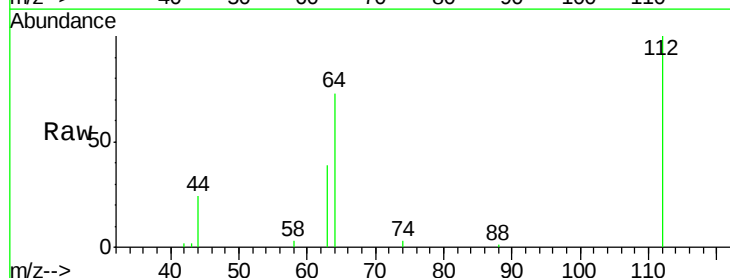
Tot Ion:152 Resp: 22724
Ion Ratio Lower Upper
152 100
150 155.2 121.6 182.4
115 64.9 50.6 75.8

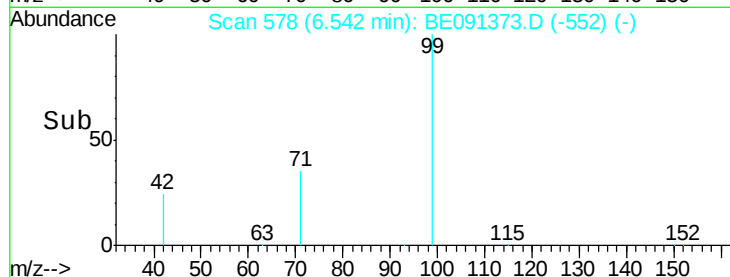
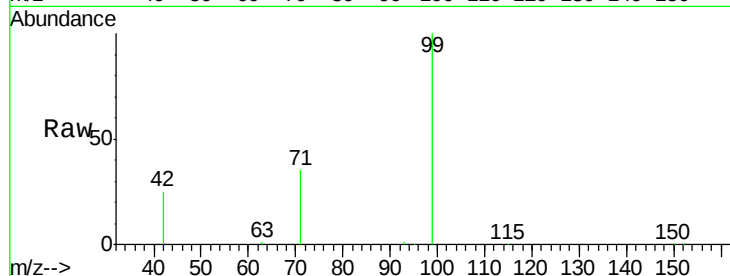
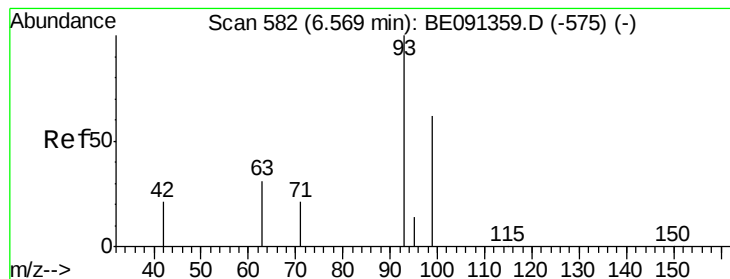


#2

2-Fluorophenol
Concen: 8.79 ng
RT: 4.90 min Scan# 340
Delta R.T. -0.04 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Tgt Ion:112 Resp: 33669
Ion Ratio Lower Upper
112 100
64 72.1 57.4 86.0
63 37.9 32.2 48.2





#3

Phenol-d6

Concen: 7.32 ng

RT: 6.54 min Scan# 578

Delta R.T. -0.03 min

Lab File: BE091373.D

Acq: 15 Jan 2016 10:17

Instrument :

BNA_E

ClientSampleId :

PB87820BL

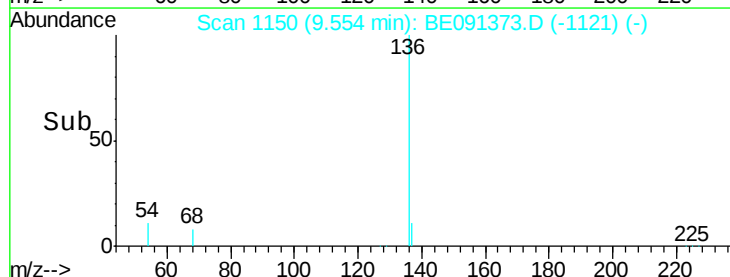
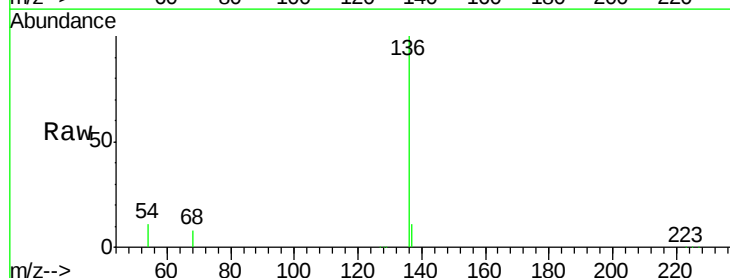
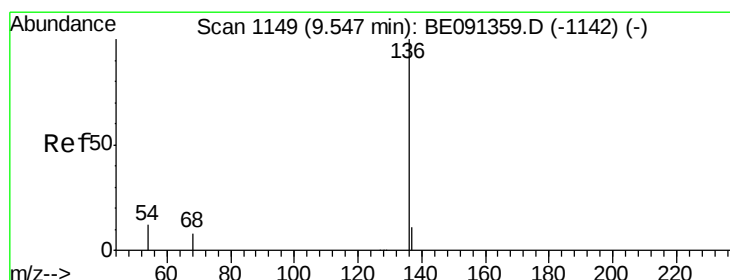
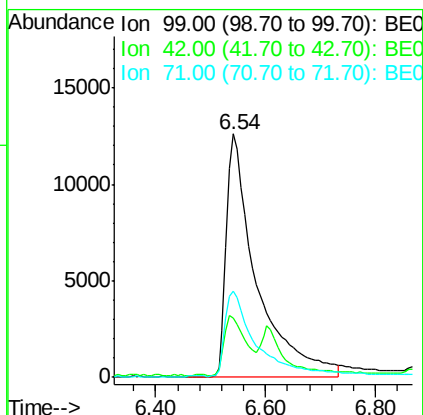
Tot Ion: 99 Resp: 47282

Ion Ratio Lower Upper

99 100

42 17.6 22.9 34.3#

71 36.4 35.4 53.2



#4

Naphthalene-d8

Concen: 5.00 ng

RT: 9.55 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BE091373.D

Acq: 15 Jan 2016 10:17

Tgt Ion: 136 Resp: 94665

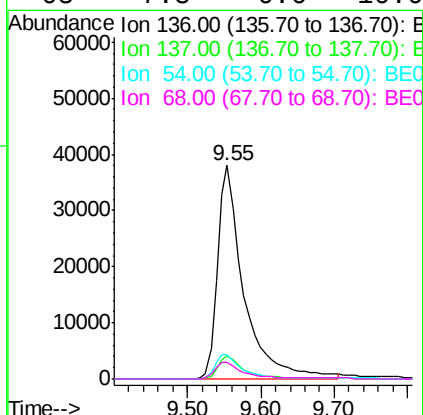
Ion Ratio Lower Upper

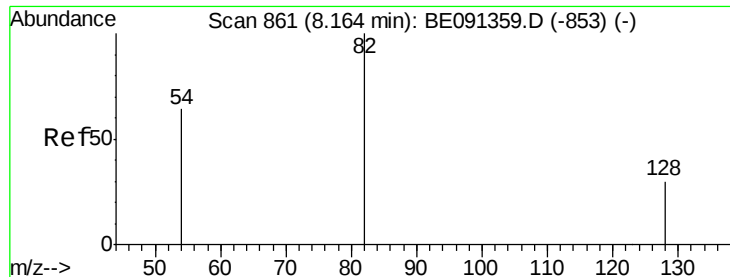
136 100

137 11.1 8.7 13.1

54 11.2 9.8 14.6

68 7.8 6.6 10.0





#5

Nitrobenzene-d5

Concen: 3.71 ng

RT: 8.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: BE091373.D

Acq: 15 Jan 2016 10:17

Instrument :

BNA_E

ClientSampleId :

PB87820BL

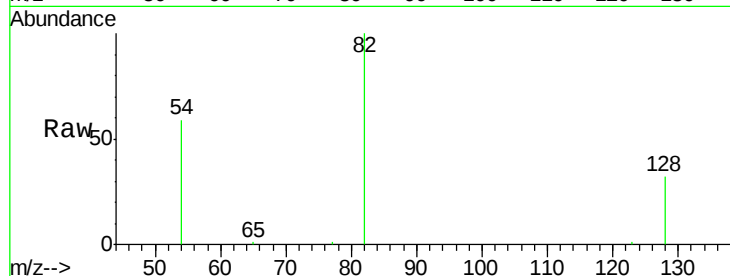
Tot Ion: 82 Resp: 24886

Ion Ratio Lower Upper

82 100

128 31.5 24.6 36.8

54 59.4 52.7 79.1

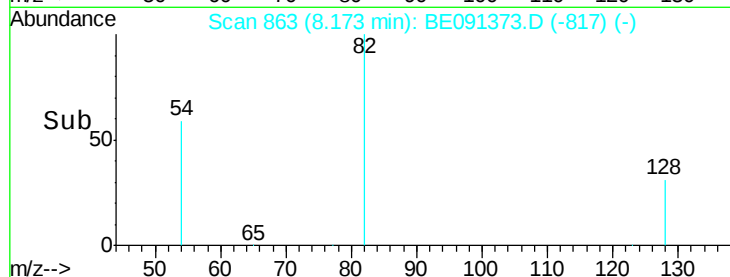


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

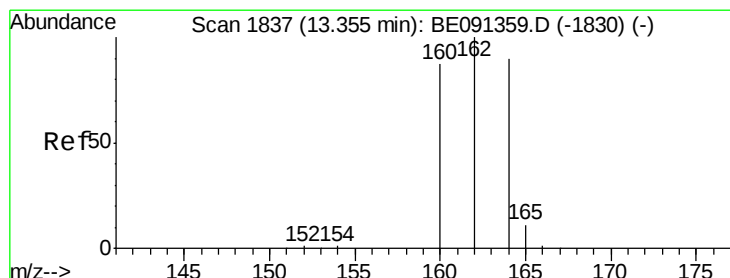
Ion 54.00 (53.70 to 54.70): BE0

Time--> 8.00 8.10 8.20 8.30 8.40



8.17

Time--> 8.00 8.10 8.20 8.30 8.40



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.36 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BE091373.D

Acq: 15 Jan 2016 10:17

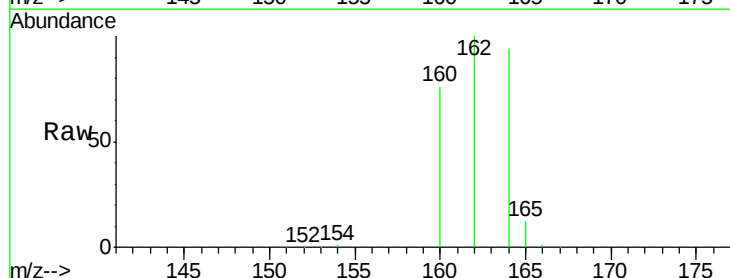
Tgt Ion: 164 Resp: 44752

Ion Ratio Lower Upper

164 100

162 106.0 88.5 132.7

160 80.3 76.7 115.1

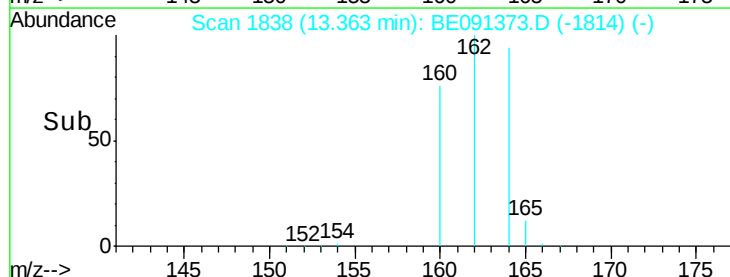


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

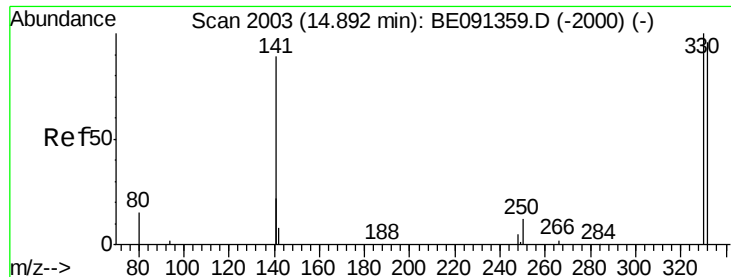
Ion 160.00 (159.70 to 160.70): E

Time--> 13.20 13.30 13.40 13.50



13.36

Time--> 13.20 13.30 13.40 13.50



#9

2,4,6-Tribromophenol

Concen: 4.43 ng

RT: 14.89 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BE091373.D

Acq: 15 Jan 2016 10:17

Instrument :

BNA_E

ClientSampleId :

PB87820BL

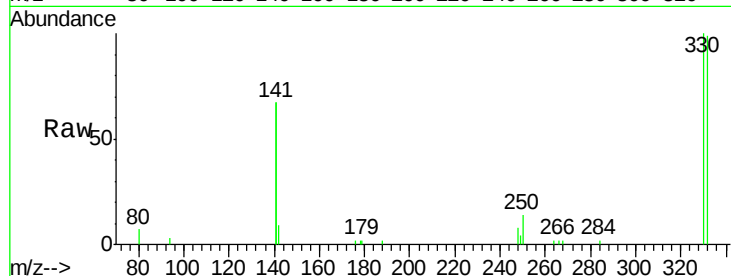
Tot Ion:330 Resp: 6562

Ion Ratio Lower Upper

330 100

332 97.1 78.6 118.0

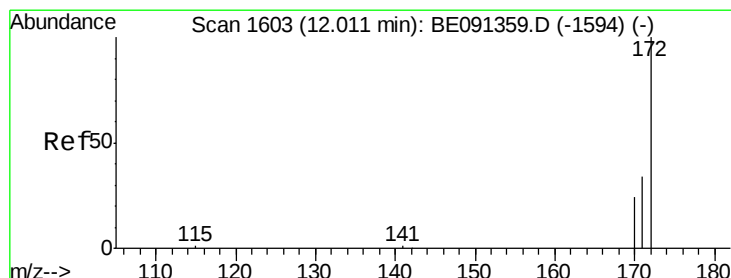
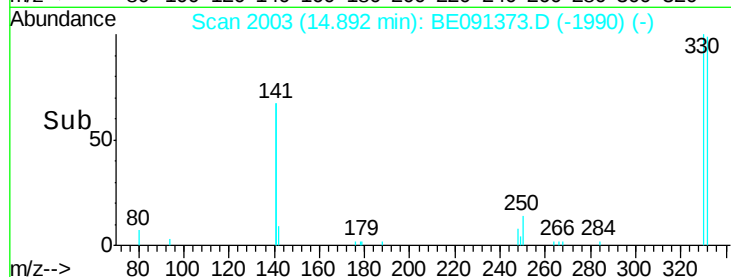
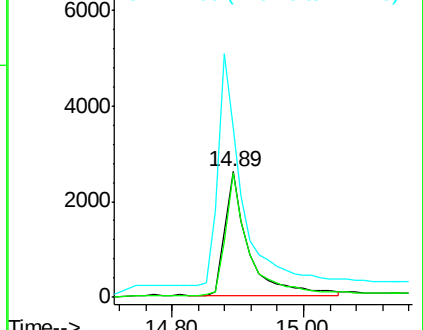
141 190.8 147.8 221.8



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: 4.09 ng

RT: 12.02 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BE091373.D

Acq: 15 Jan 2016 10:17

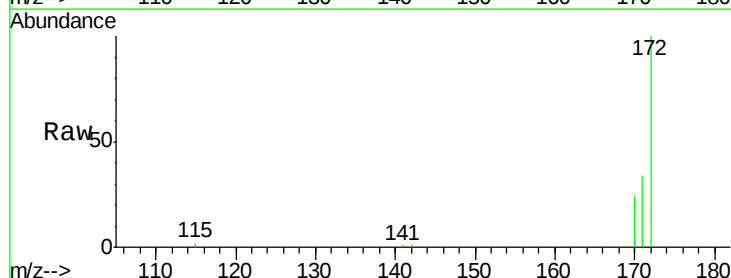
Tgt Ion:172 Resp: 50428

Ion Ratio Lower Upper

172 100

171 34.1 27.3 40.9

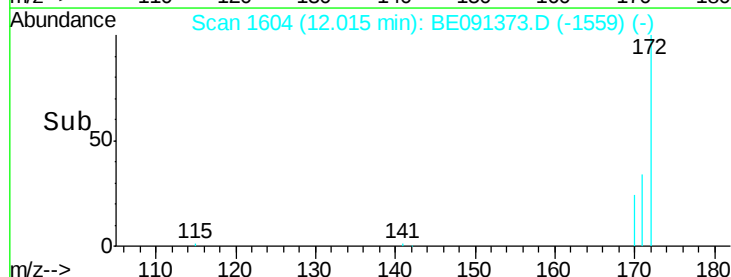
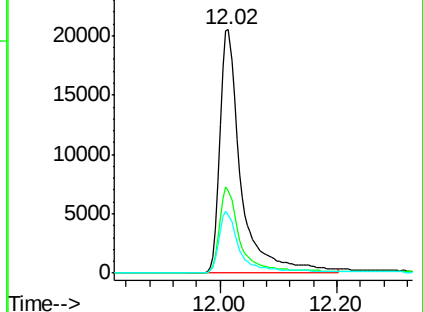
170 24.0 19.8 29.6

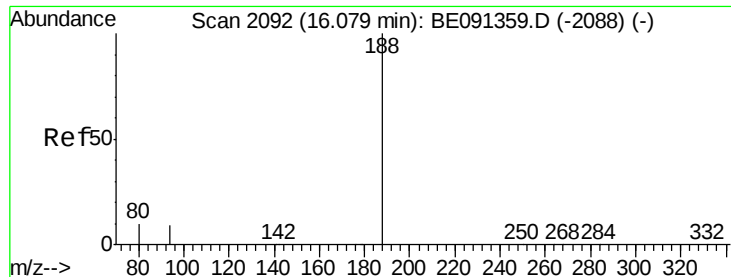


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

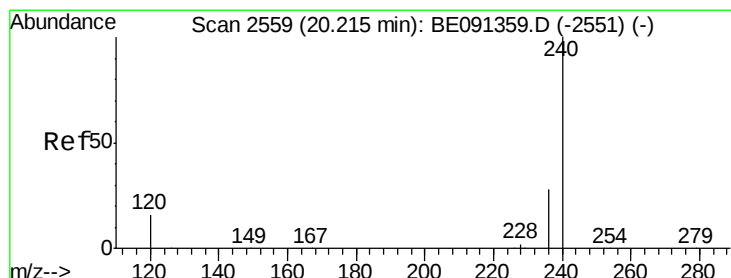
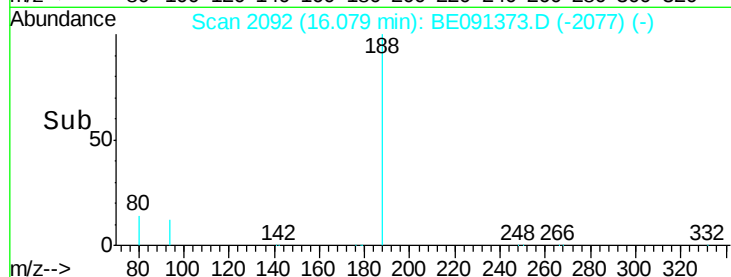
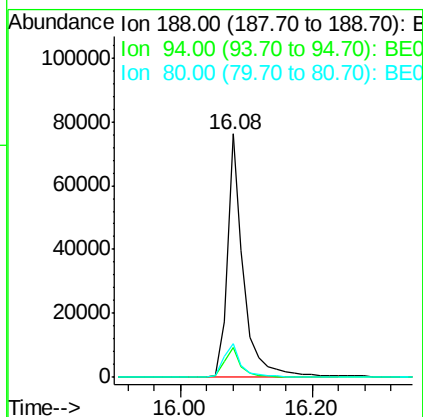
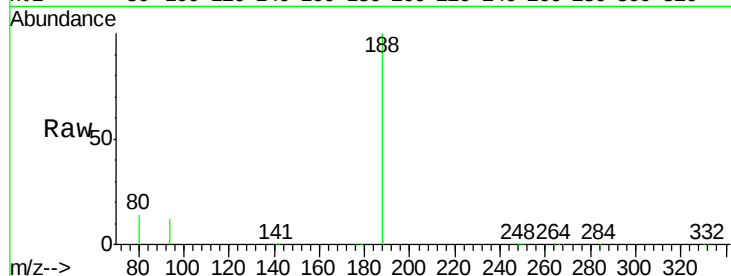




#14
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.08 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

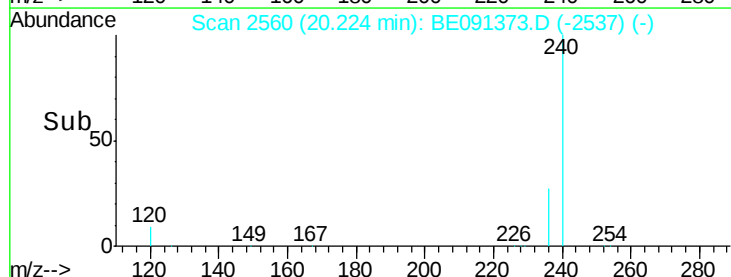
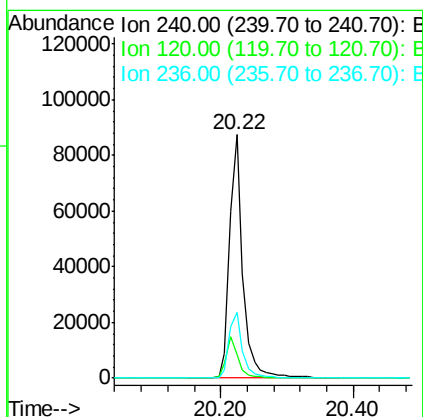
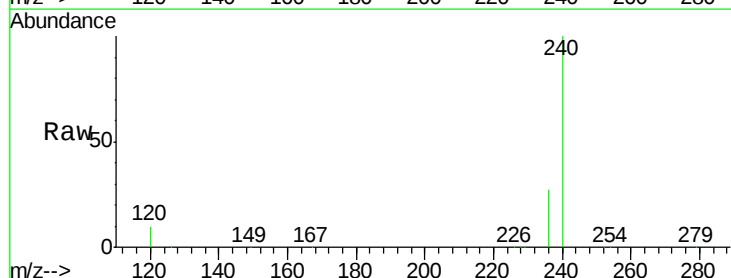
Instrument :
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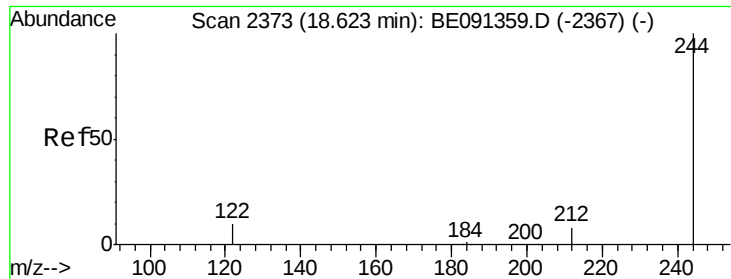
Tot Ion:188 Resp: 131435
Ion Ratio Lower Upper
188 100
94 12.3 7.5 11.3#
80 13.7 8.2 12.2#



#18
Chrysene-d12
Concen: 5.00 ng
RT: 20.22 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Tgt Ion:240 Resp: 121278
Ion Ratio Lower Upper
240 100
120 9.5 12.6 19.0#
236 26.8 22.7 34.1





#20

Terphenyl-d14

Concen: 4.22 ng

RT: 18.62 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BE091373.D

Acq: 15 Jan 2016 10:17

Instrument :

BNA_E

ClientSampleId :

PB87820BL

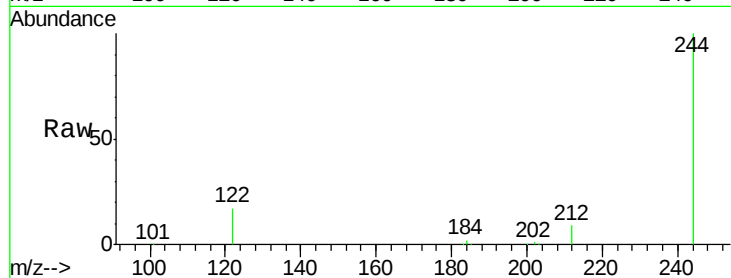
Tot Ion:244 Resp: 72207

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

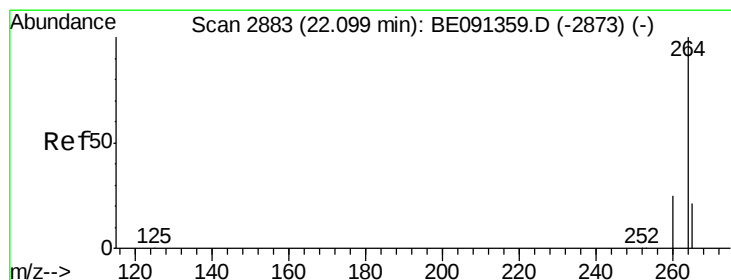
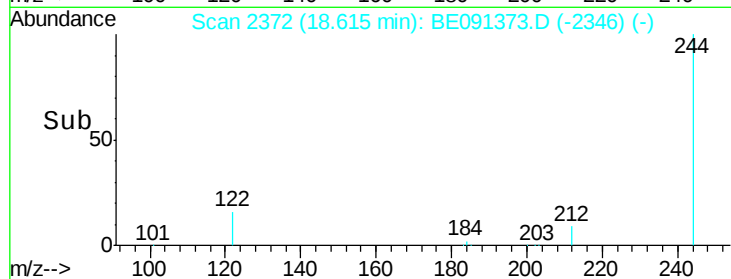
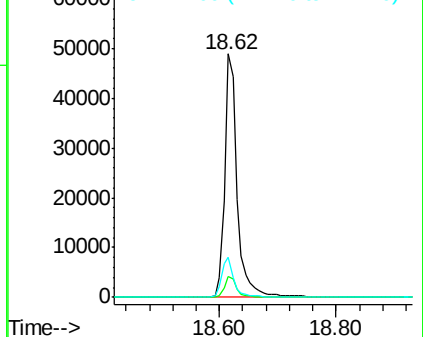
122 16.5 8.5 12.7#



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# 2883

Delta R.T. 0.00 min

Lab File: BE091373.D

Acq: 15 Jan 2016 10:17

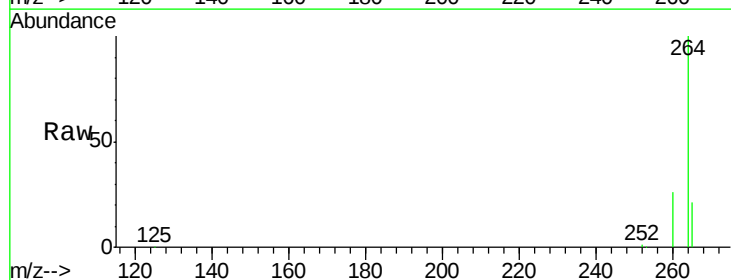
Tgt Ion:264 Resp: 110214

Ion Ratio Lower Upper

264 100

260 25.8 20.4 30.6

265 21.2 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

