

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE033116\
 Data File : BE091569.D
 Acq On : 31 Mar 2016 00:27
 Operator : UM/SJ
 Sample : PB89278BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89278BL

Quant Time: Mar 31 02:43:52 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE033016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 18:45:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	33922	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	154880	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	93989	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	241458	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	361316	5.00	ng	-0.02
28) Perylene-d12	23.76	264	302702	5.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	60475	6.81	ng	-0.02
5) Phenol-d6	6.97	99	83989	6.99	ng	-0.02
7) Nitrobenzene-d5	8.96	82	36968	3.56	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	25026	6.01	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	98668	3.69	ng	-0.02
24) Terphenyl-d14	19.76	244	154519	3.37	ng	-0.02

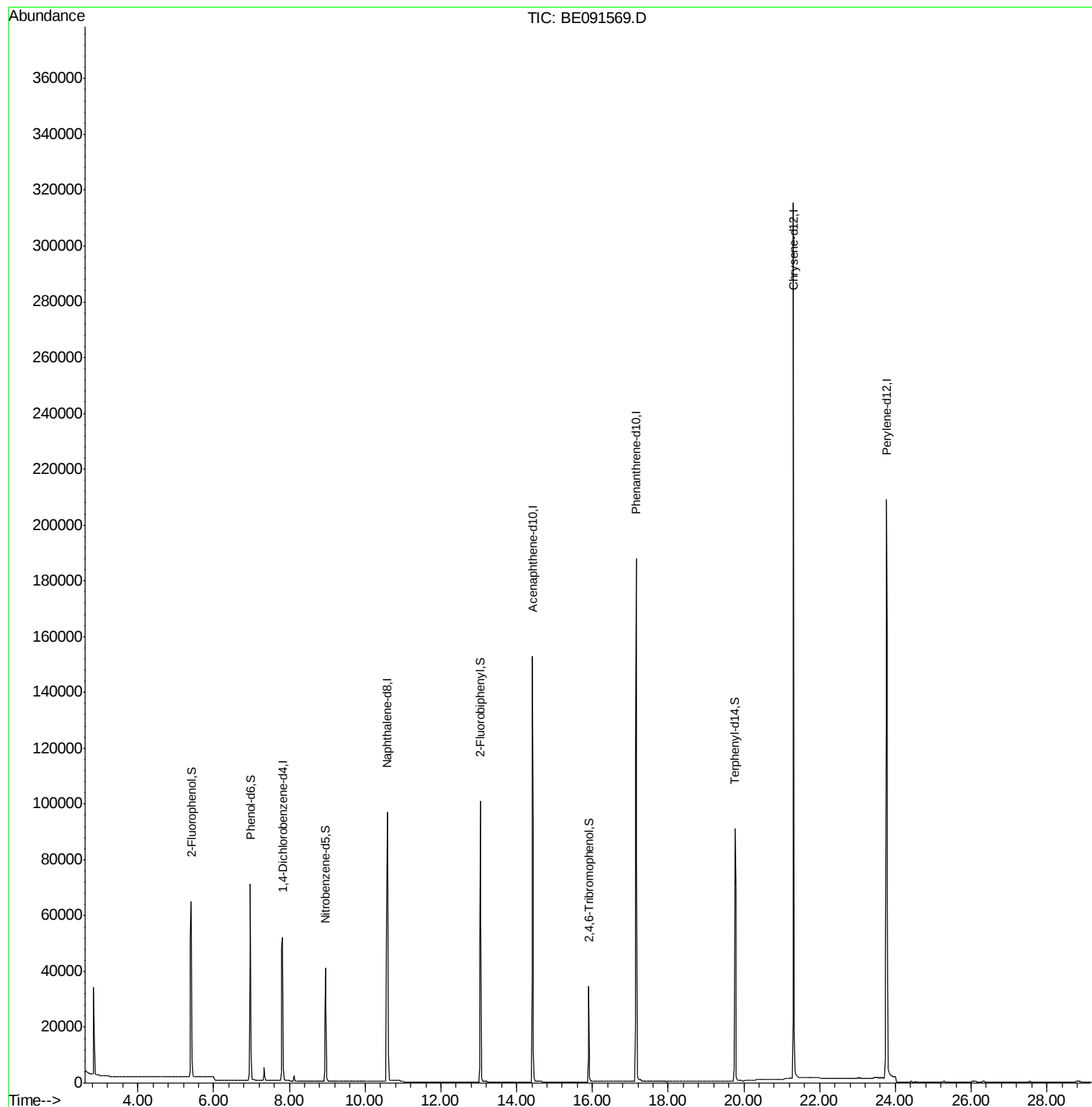
Target Compounds	Qvalue
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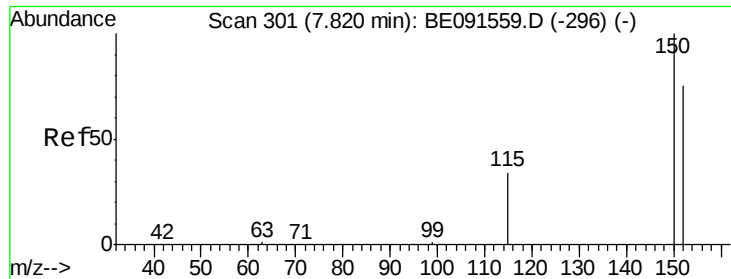
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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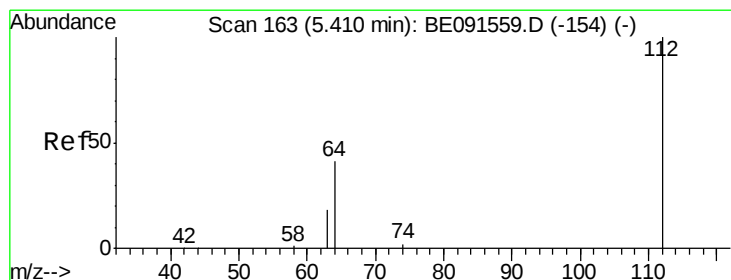
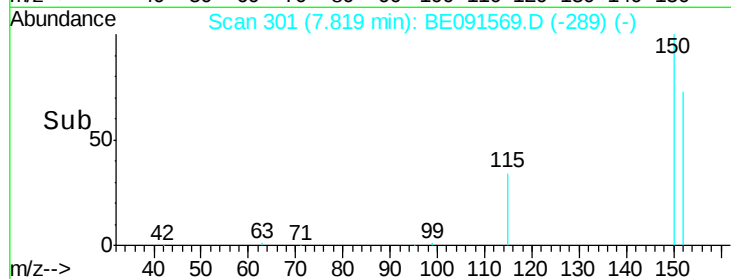
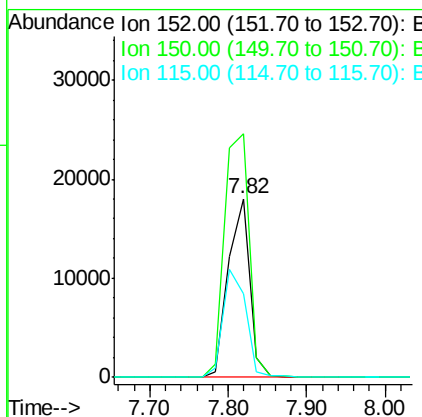
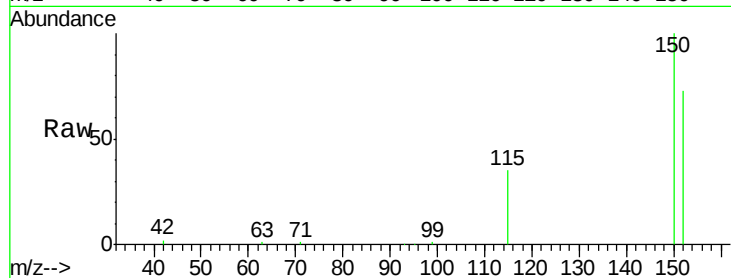




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.82 min Scan# 301
 Delta R.T. -0.00 min
 Lab File: BE091569.D
 Acq: 31 Mar 2016 00:27

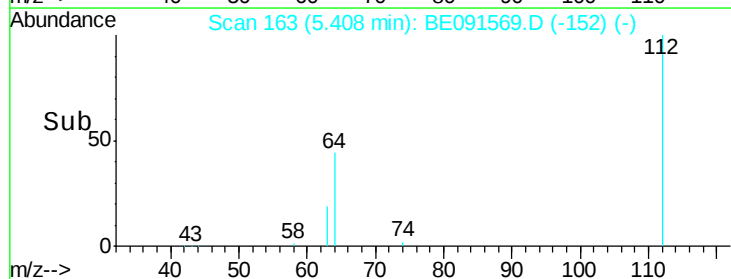
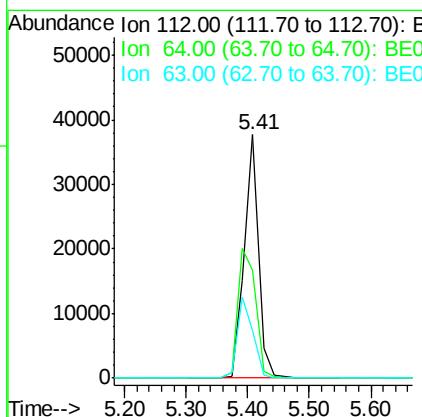
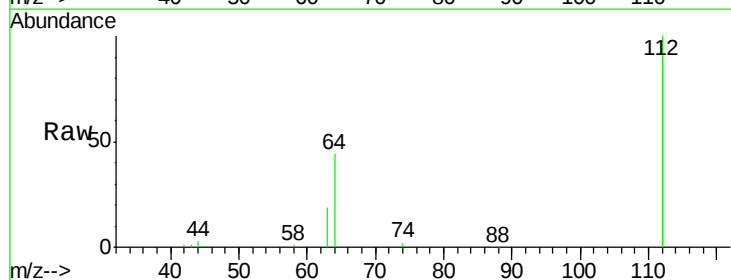
Instrument :
 BNA_E
 ClientSampleId :
 PB89278BL

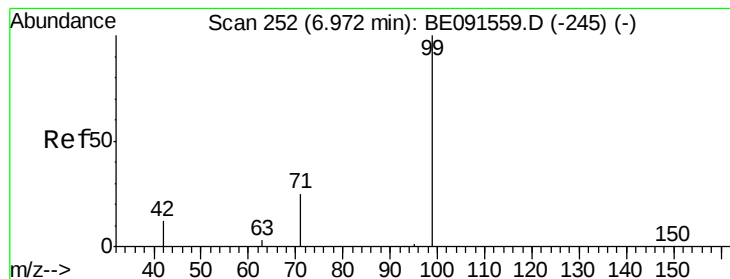
Tgt Ion:152 Resp: 33922
 Ion Ratio Lower Upper
 152 100
 150 136.3 122.2 183.2
 115 47.1 45.9 68.9



#4
 2-Fluorophenol
 Concen: 6.81 ng
 RT: 5.41 min Scan# 163
 Delta R.T. -0.02 min
 Lab File: BE091569.D
 Acq: 31 Mar 2016 00:27

Tgt Ion:112 Resp: 60475
 Ion Ratio Lower Upper
 112 100
 64 67.1 53.3 79.9
 63 36.1 29.8 44.8





#5

Phenol-d6

Concen: 6.99 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091569.D

Acq: 31 Mar 2016 00:27

Instrument :

BNA_E

ClientSampleId :

PB89278BL

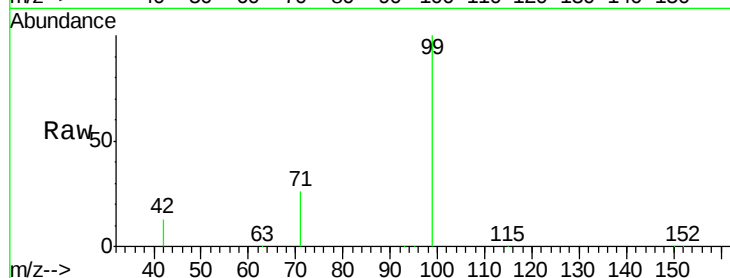
Tgt Ion: 99 Resp: 83989

Ion Ratio Lower Upper

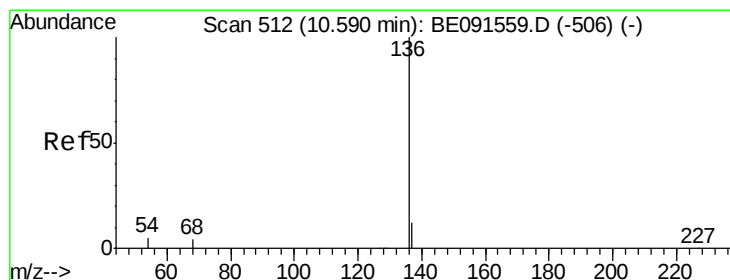
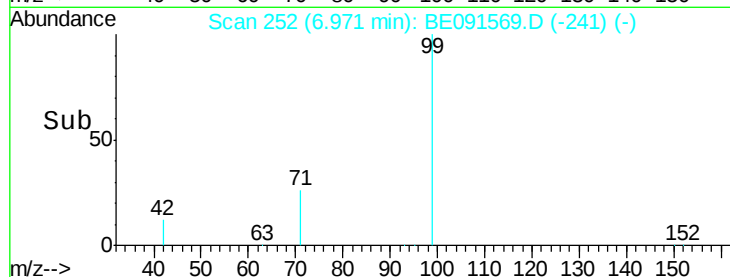
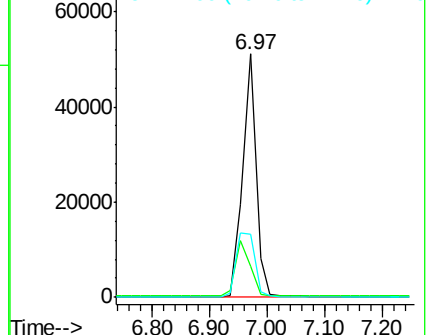
99 100

42 24.6 20.6 30.8

71 35.6 29.0 43.4



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



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091569.D

Acq: 31 Mar 2016 00:27

Tgt Ion: 136 Resp: 154880

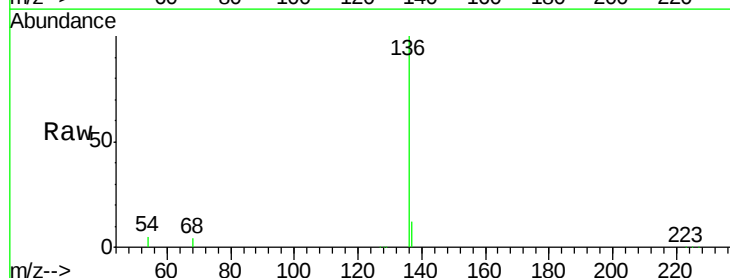
Ion Ratio Lower Upper

136 100

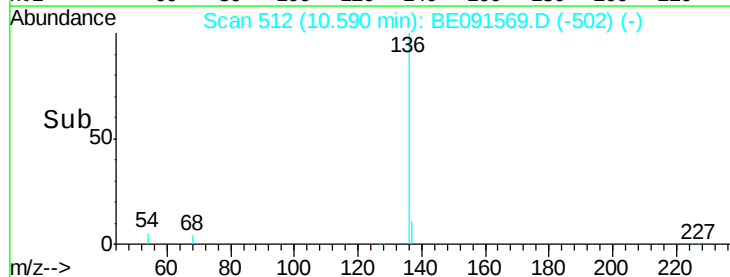
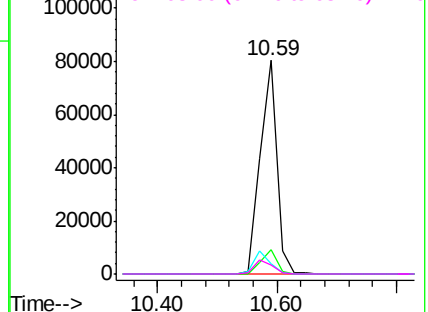
137 11.5 8.8 13.2

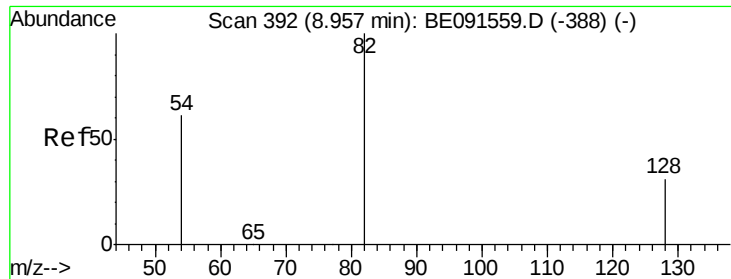
54 4.9 5.2 7.8#

68 4.0 4.1 6.1#



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





#7

Nitrobenzene-d5

Concen: 3.56 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.02 min

Lab File: BE091569.D

Acq: 31 Mar 2016 00:27

Instrument :

BNA_E

ClientSampleId :

PB89278BL

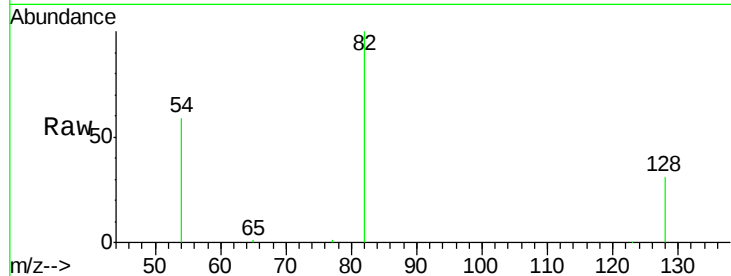
Tgt Ion: 82 Resp: 36968

Ion Ratio Lower Upper

82 100

128 30.8 23.5 35.3

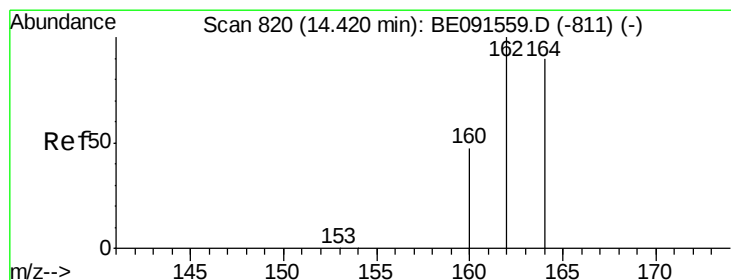
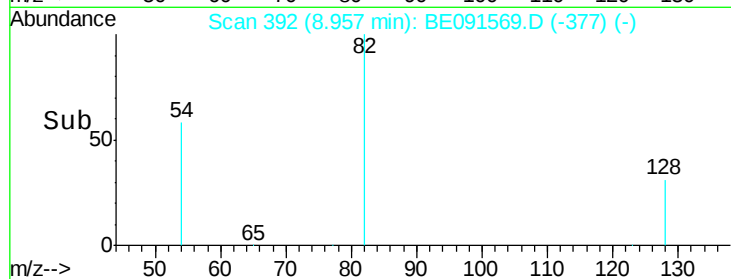
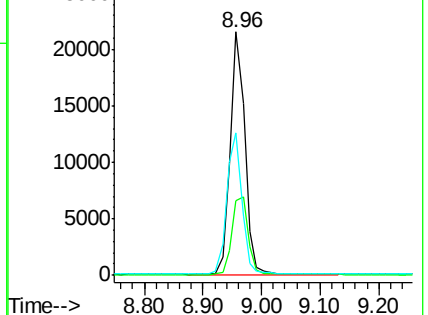
54 58.5 52.4 78.6



Abundance Ion 82.00 (81.70 to 82.70): BE091559.D (-388) (-)

Ion 128.00 (127.70 to 128.70): BE091559.D (-388) (-)

Ion 54.00 (53.70 to 54.70): BE091559.D (-388) (-)



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.03 min

Lab File: BE091569.D

Acq: 31 Mar 2016 00:27

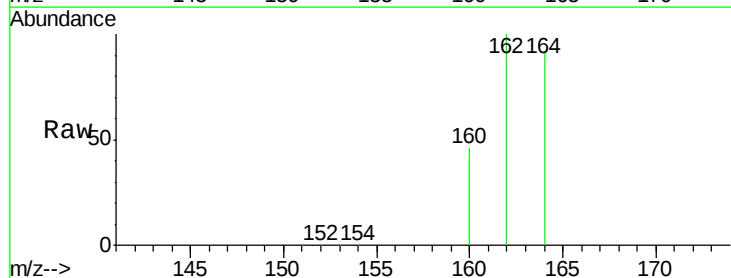
Tgt Ion: 164 Resp: 93989

Ion Ratio Lower Upper

164 100

162 110.2 84.4 126.6

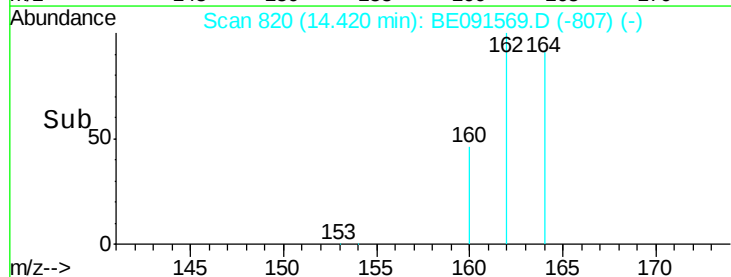
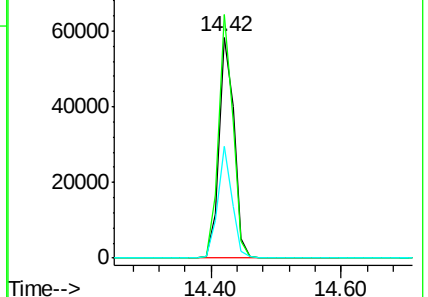
160 50.8 37.7 56.5

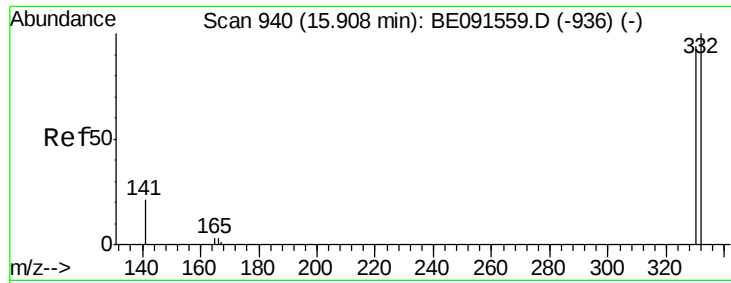


Abundance Ion 164.00 (163.70 to 164.70): BE091559.D (-811) (-)

Ion 162.00 (161.70 to 162.70): BE091559.D (-811) (-)

Ion 160.00 (159.70 to 160.70): BE091559.D (-811) (-)

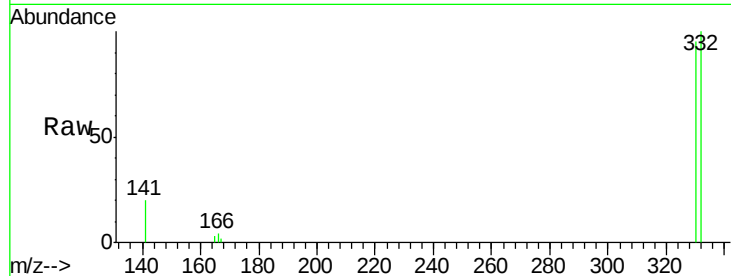




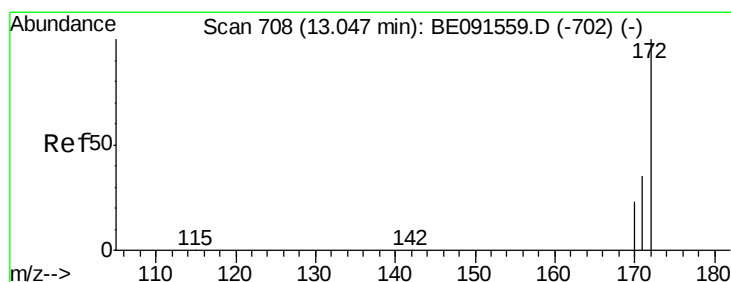
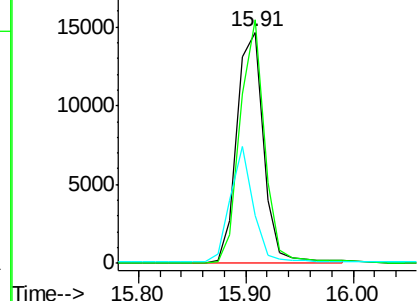
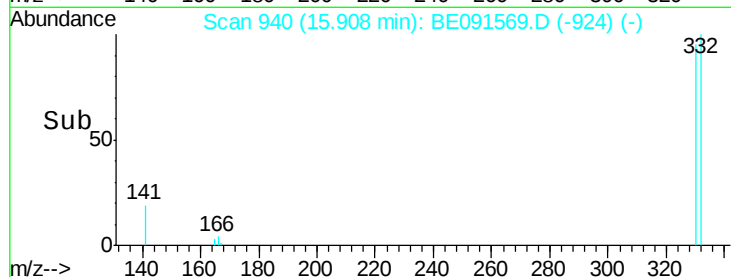
#11
 2,4,6-Tribromophenol
 Concen: 6.01 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091569.D
 Acq: 31 Mar 2016 00:27

Instrument :
 BNA_E
 ClientSampleId :
 PB89278BL

Tgt Ion:330 Resp: 25026
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.2 118.8
 141 43.6 28.1 42.1#

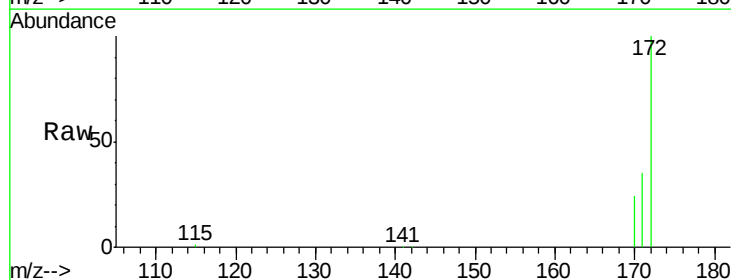


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

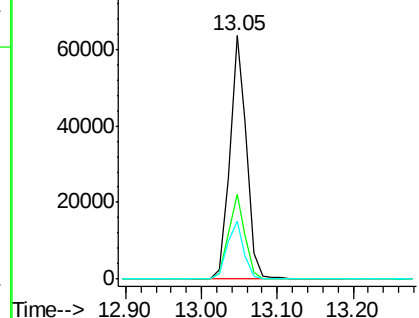
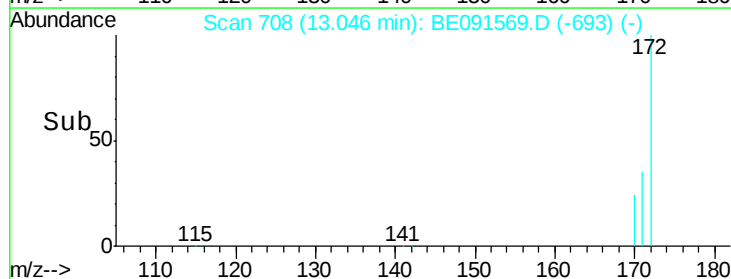


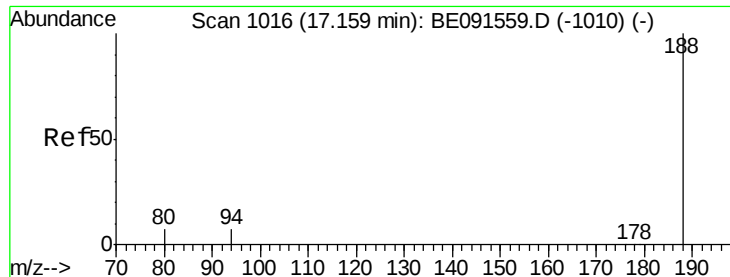
#12
 2-Fluorobiphenyl
 Concen: 3.69 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BE091569.D
 Acq: 31 Mar 2016 00:27

Tgt Ion:172 Resp: 98668
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.8 44.8
 170 23.6 21.4 32.2



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

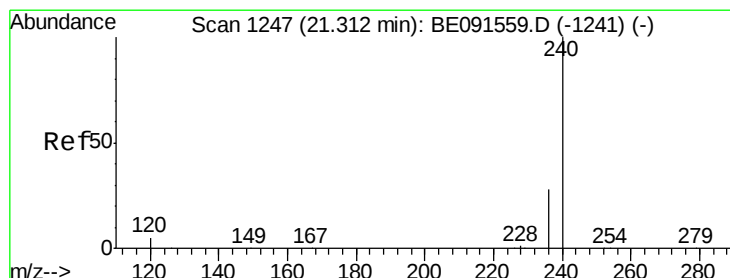
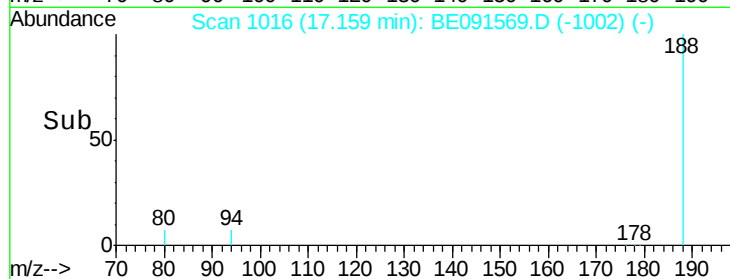
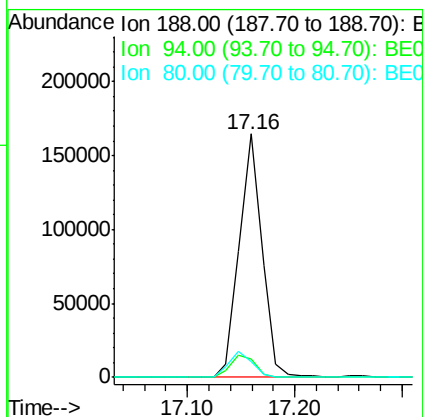
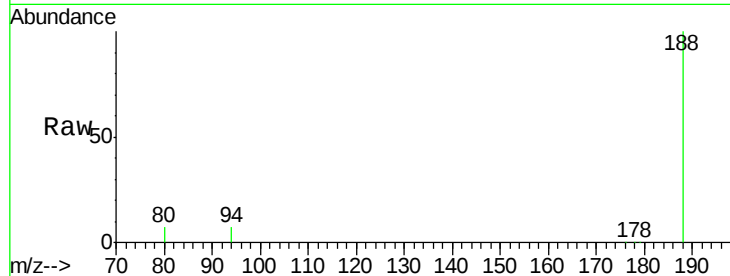




#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE091569.D
Acq: 31 Mar 2016 00:27

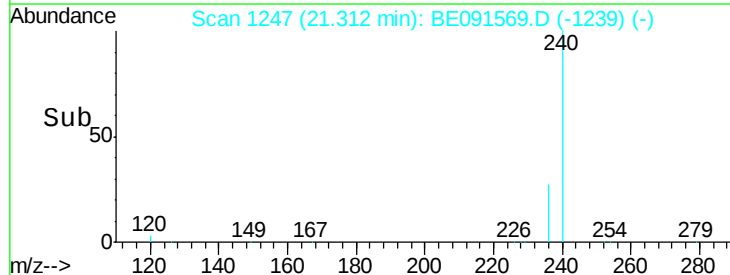
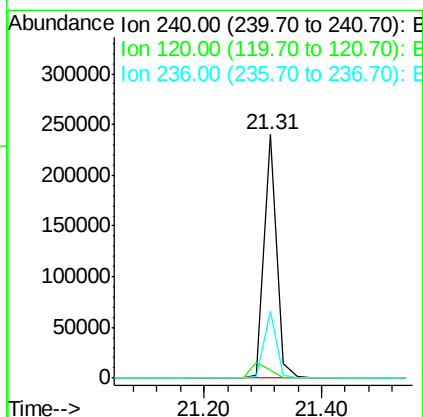
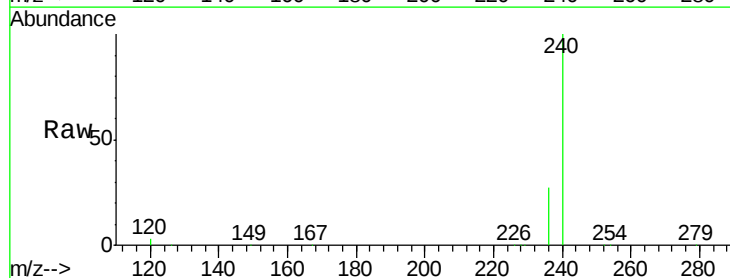
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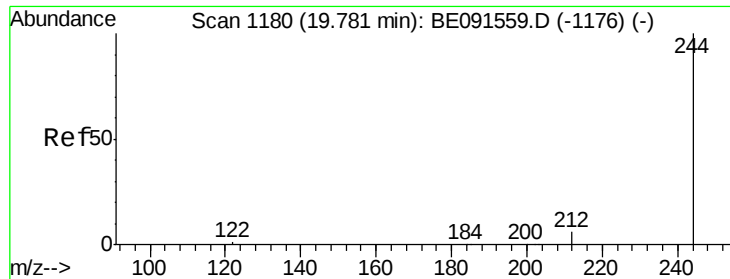
Tgt Ion:188 Resp: 241458
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.2
80 6.7 5.0 7.4



#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091569.D
Acq: 31 Mar 2016 00:27

Tgt Ion:240 Resp: 361316
Ion Ratio Lower Upper
240 100
120 3.2 4.0 6.0#
236 27.3 23.0 34.4

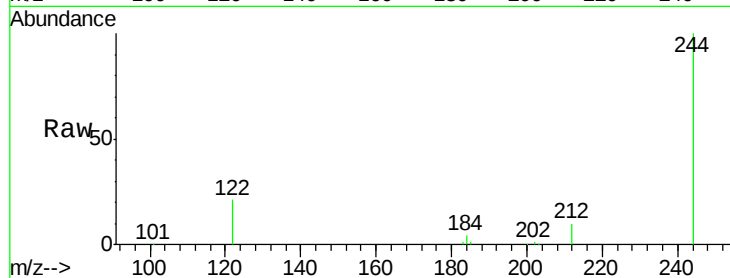




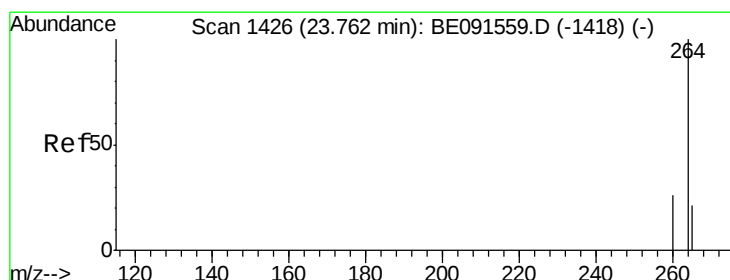
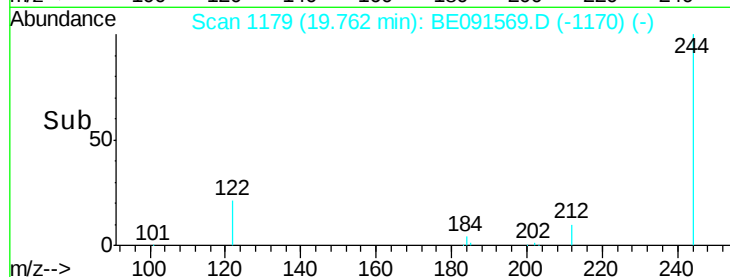
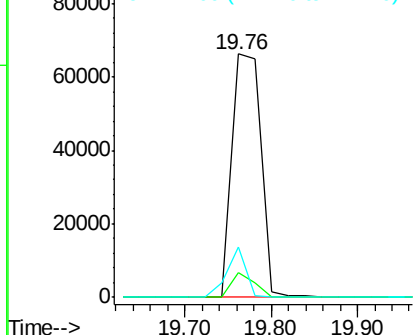
#24
 Terphenyl-d14
 Concen: 3.37 ng
 RT: 19.76 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BE091569.D
 Acq: 31 Mar 2016 00:27

Instrument :
 BNA_E
 ClientSampleId :
 PB89278BL

Tgt Ion:244 Resp: 154519
 Ion Ratio Lower Upper
 244 100
 212 10.4 5.8 8.8#
 122 20.7 1.8 2.8#

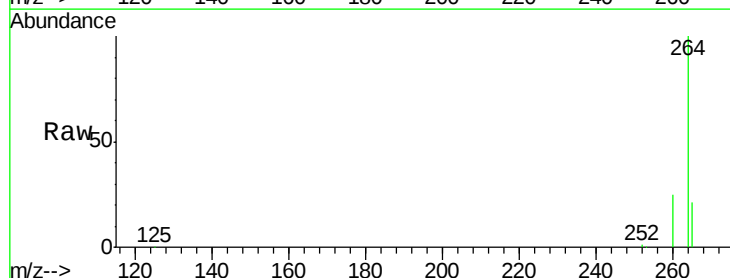


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.76 min Scan# 1426
 Delta R.T. -0.03 min
 Lab File: BE091569.D
 Acq: 31 Mar 2016 00:27

Tgt Ion:264 Resp: 302702
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.1 30.1
 265 21.1 18.3 27.5



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

