

Data Path : Z:\HPCHEM1\BNA E\DATA\BE060816\
 Data File : BE091901.D
 Acq On : 8 Jun 2016 15:05
 Operator : UM/SJ
 Sample : PB91035BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB91035BL

Quant Time: Jun 09 04:48:16 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 16:11:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	25577	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	114922	5.00	ng	0.00
15) Acenaphthene-d10	14.38	164	68775	5.00	ng	0.00
24) Phenanthrene-d10	17.12	188	227225	5.00	ng	0.00
31) Chrysene-d12	21.30	240	190724	5.00	ng	0.00
40) Perylene-d12	23.73	264	228529	5.00	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	30459	5.58	ng	-0.01
5) Phenol-d6	6.94	99	40075	5.93	ng	-0.02
9) Nitrobenzene-d5	8.91	82	21794	2.53	ng	-0.02
16) 2,4,6-Tribromophenol	15.87	330	11659	5.95	ng	-0.02
17) 2-Fluorobiphenyl	13.01	172	60758	2.91	ng	0.00
34) Terphenyl-d14	19.74	244	121944	-5.00	ng	0.00

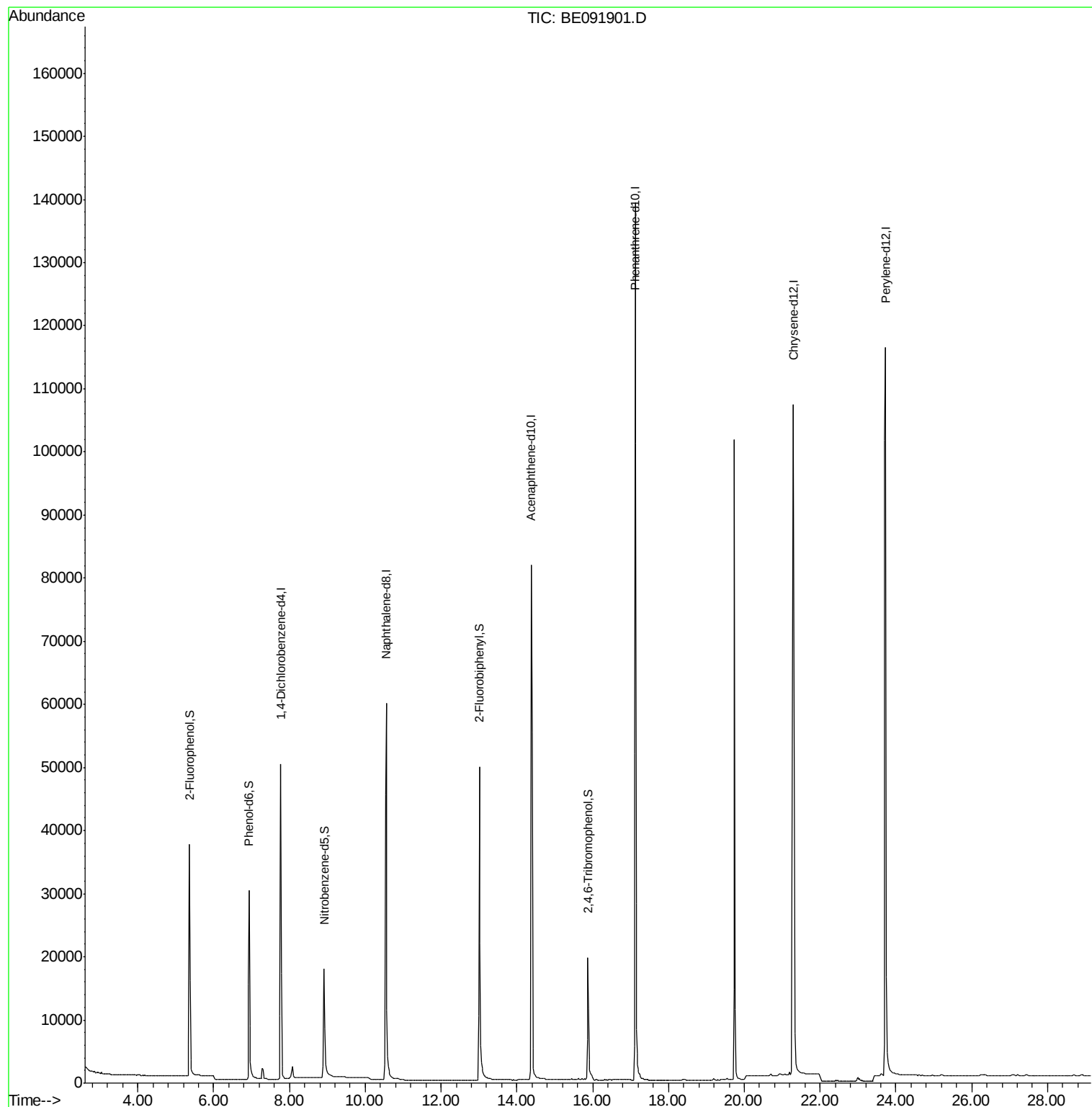
Target Compounds Qvalue

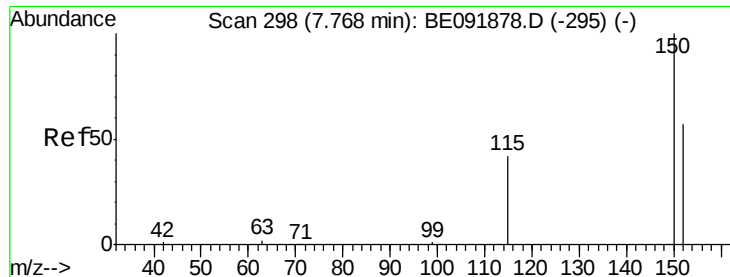
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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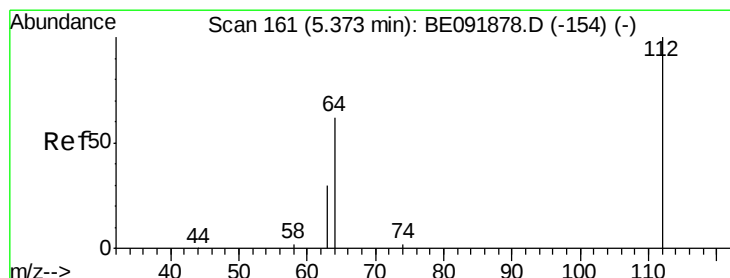
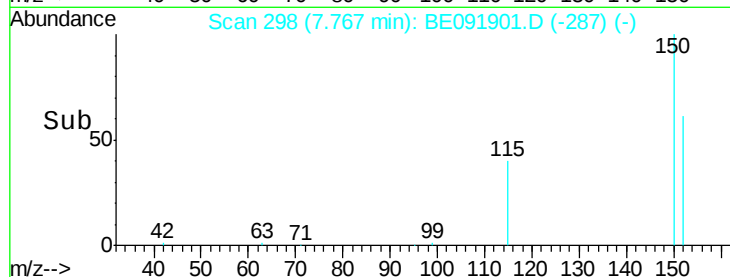
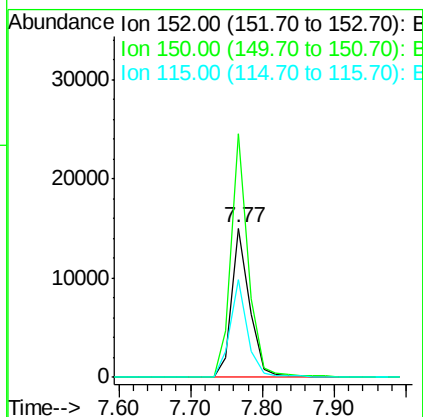
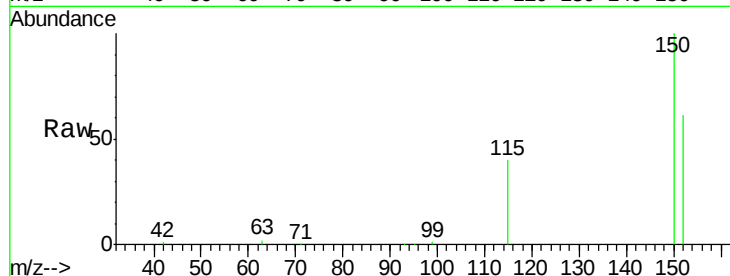


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.77 min Scan# 298
Delta R.T. -0.00 min
Lab File: BE091901.D
Acq: 8 Jun 2016 15:05

Instrument :
BNA_E
ClientSampleId :
PB91035BL

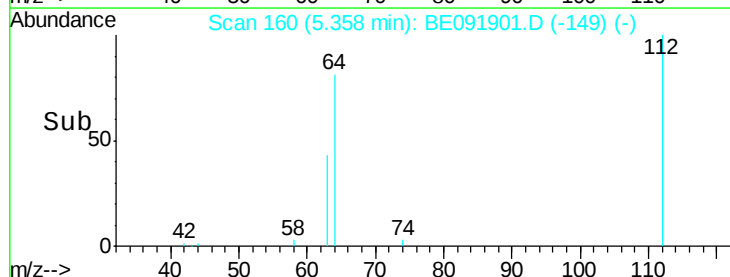
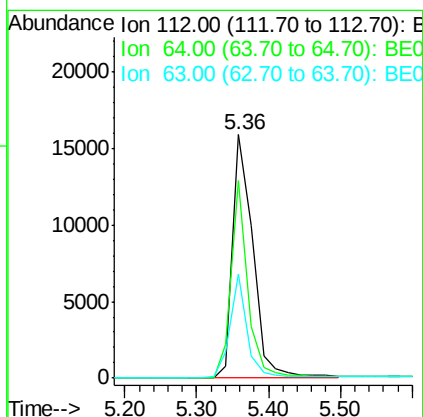
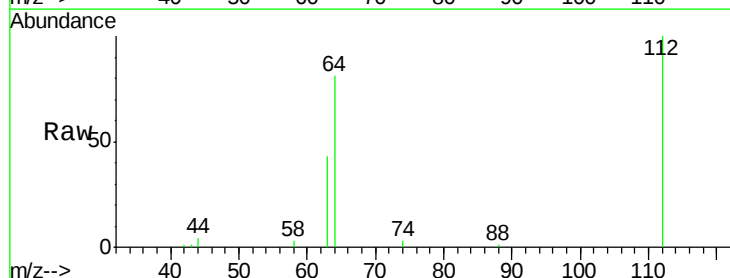
Tot Ion:152 Resp: 25577
Ion Ratio Lower Upper
152 100
150 163.1 123.9 185.9
115 65.5 48.3 72.5

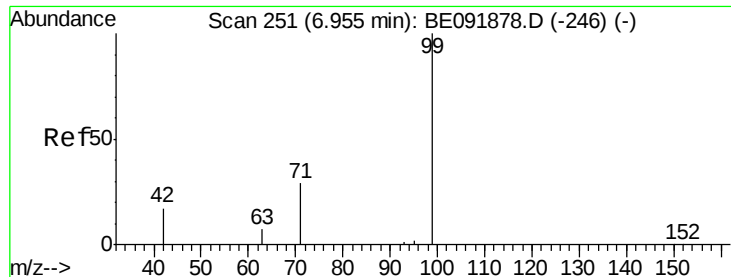


#4

2-Fluorophenol
Concen: 5.58 ng
RT: 5.36 min Scan# 160
Delta R.T. -0.01 min
Lab File: BE091901.D
Acq: 8 Jun 2016 15:05

Tgt Ion:112 Resp: 30459
Ion Ratio Lower Upper
112 100
64 67.5 53.7 80.5
63 36.0 29.5 44.3





#5

Phenol-d6

Concen: 5.93 ng

RT: 6.94 min Scan# 250

Delta R.T. -0.02 min

Lab File: BE091901.D

Acq: 8 Jun 2016 15:05

Instrument :

BNA_E

ClientSampled :

PB91035BL

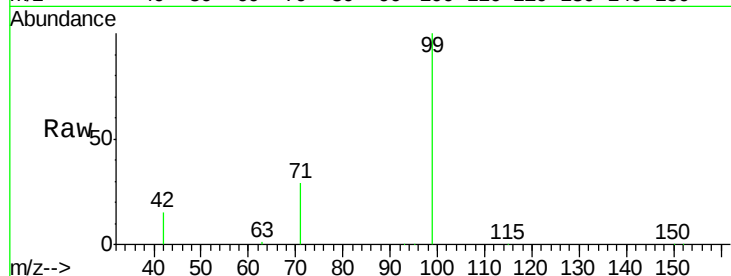
Tot Ion: 99 Resp: 40075

Ion Ratio Lower Upper

99 100

42 24.0 19.6 29.4

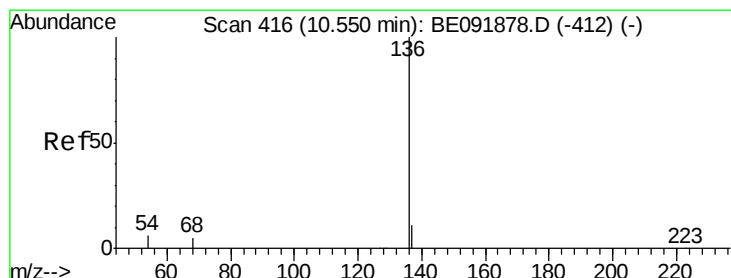
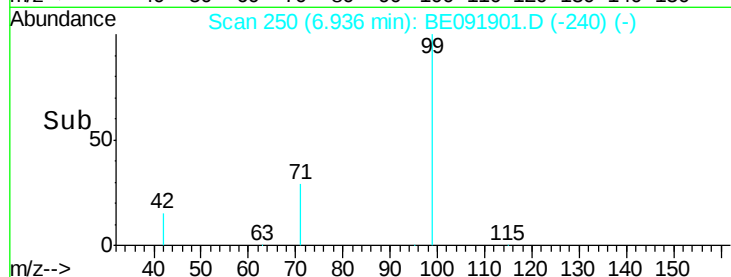
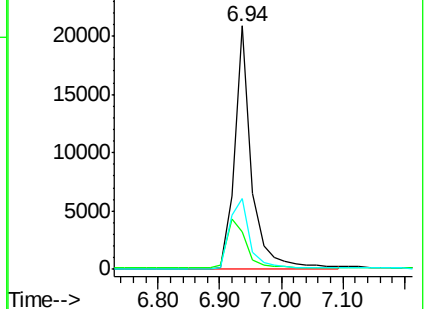
71 35.2 28.1 42.1



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



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 416

Delta R.T. 0.00 min

Lab File: BE091901.D

Acq: 8 Jun 2016 15:05

Tgt Ion: 136 Resp: 114922

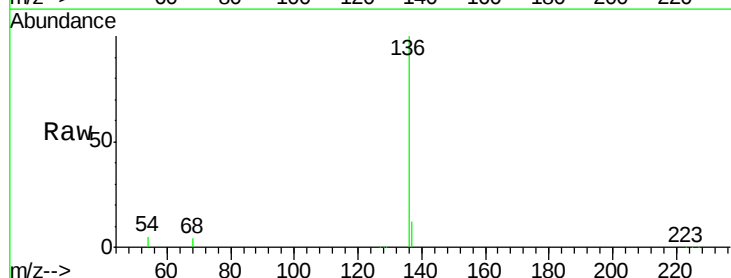
Ion Ratio Lower Upper

136 100

137 11.8 8.3 12.5

54 4.9 8.2 12.4#

68 4.0 5.9 8.9#

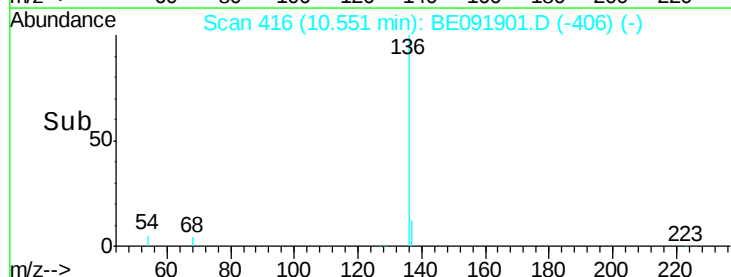
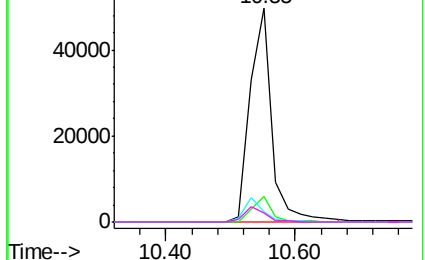


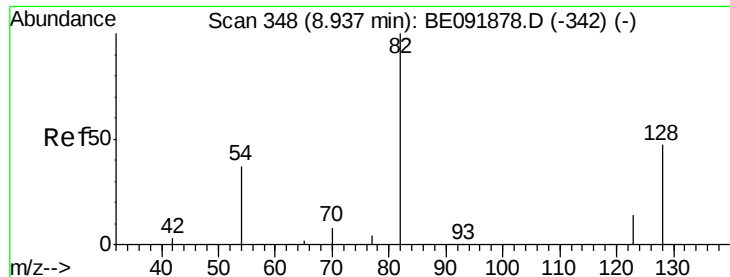
Abundance Ion 136.00 (135.70 to 136.70): E

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

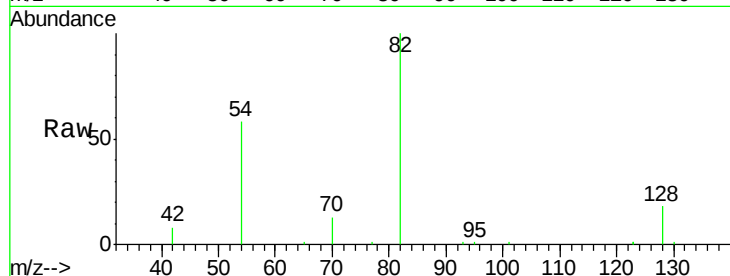




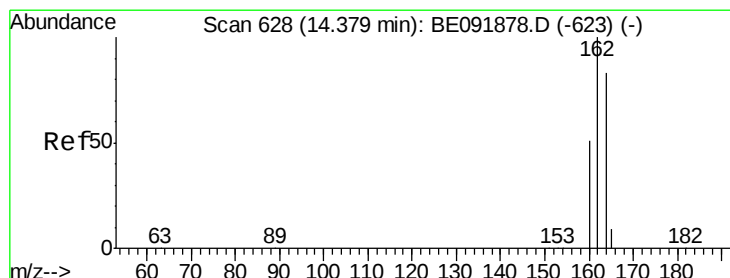
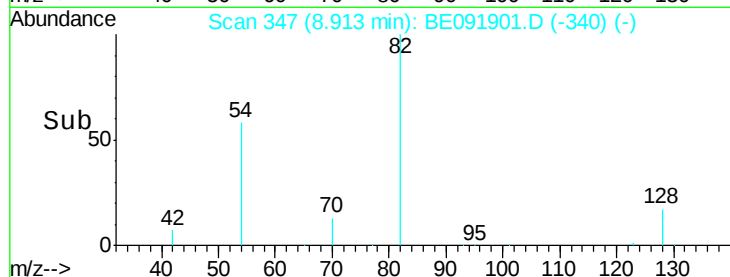
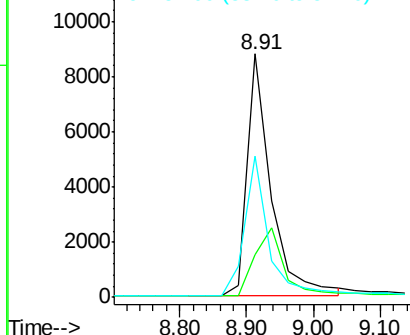
#9
 Nitrobenzene-d5
 Concen: 2.53 ng
 RT: 8.91 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: BE091901.D
 Acq: 8 Jun 2016 15:05

Instrument :
 BNA_E
 ClientSampleId :
 PB91035BL

Tot Ion: 82 Resp: 21794
 Ion Ratio Lower Upper
 82 100
 128 17.8 39.5 59.3#
 54 58.0 30.3 45.5#

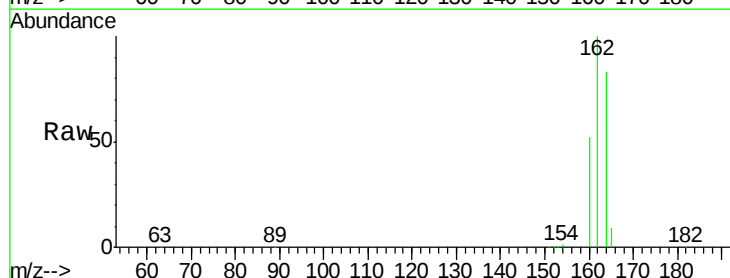


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

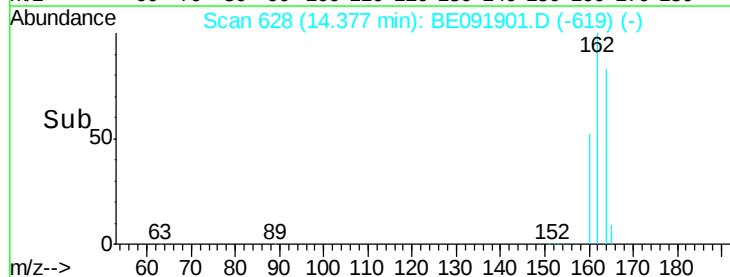
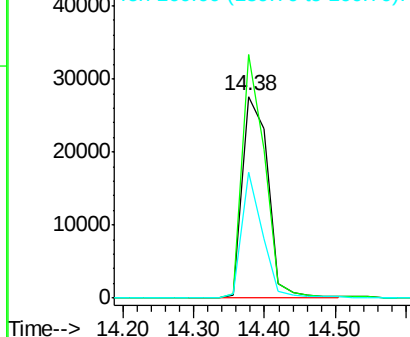


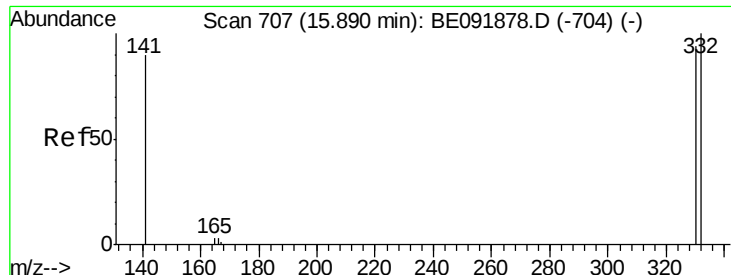
#15
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.38 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BE091901.D
 Acq: 8 Jun 2016 15:05

Tgt Ion: 164 Resp: 68775
 Ion Ratio Lower Upper
 164 100
 162 120.5 71.8 107.8#
 160 62.4 28.0 42.0#



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

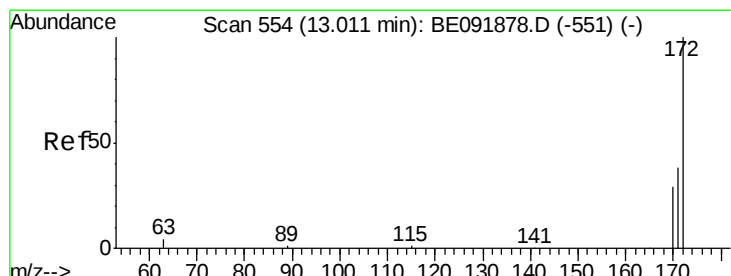
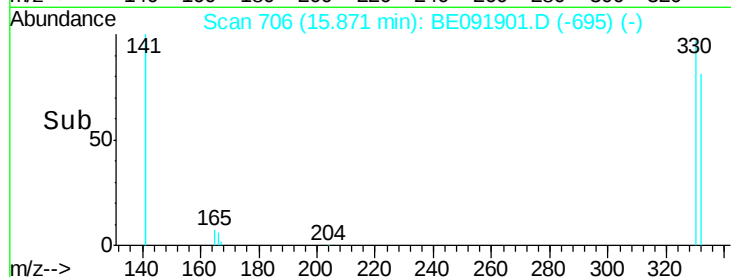
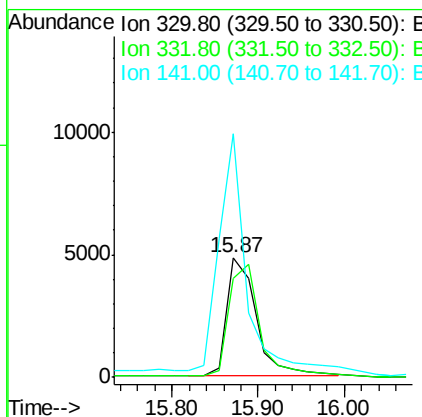
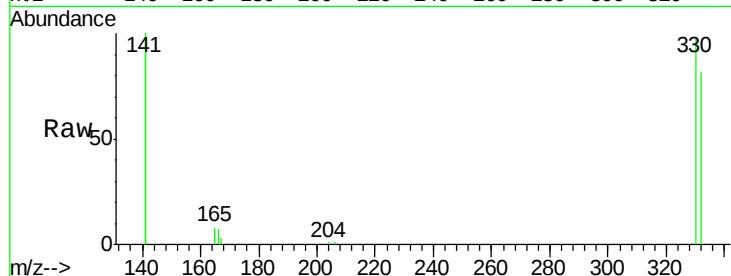




#16
 2,4,6-Tribromophenol
 Concen: 5.95 ng
 RT: 15.87 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BE091901.D
 Acq: 8 Jun 2016 15:05

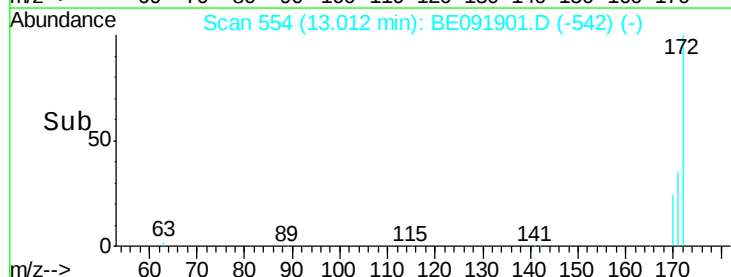
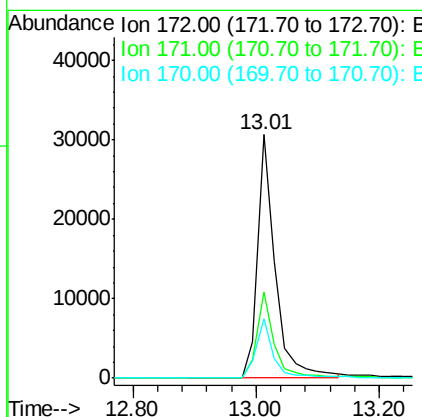
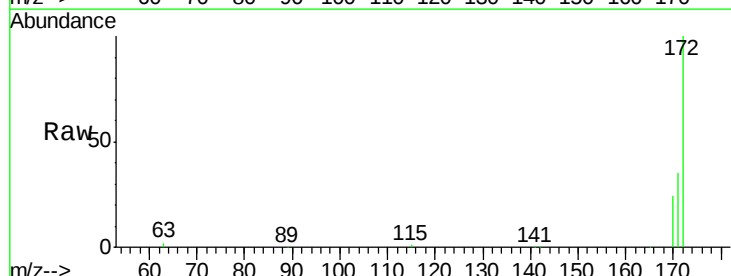
Instrument :
 BNA_E
 ClientSampleId :
 PB91035BL

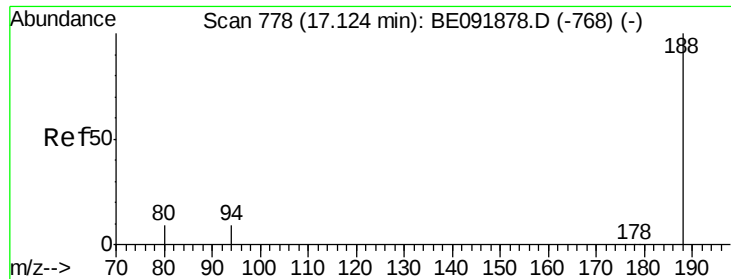
Tot Ion:330 Resp: 11659
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 178.1 138.4 207.6



#17
 2-Fluorobiphenyl
 Concen: 2.91 ng
 RT: 13.01 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BE091901.D
 Acq: 8 Jun 2016 15:05

Tgt Ion:172 Resp: 60758
 Ion Ratio Lower Upper
 172 100
 171 35.1 24.3 36.5
 170 24.3 14.9 22.3#

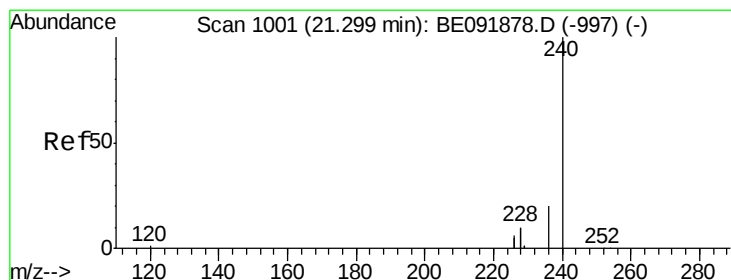
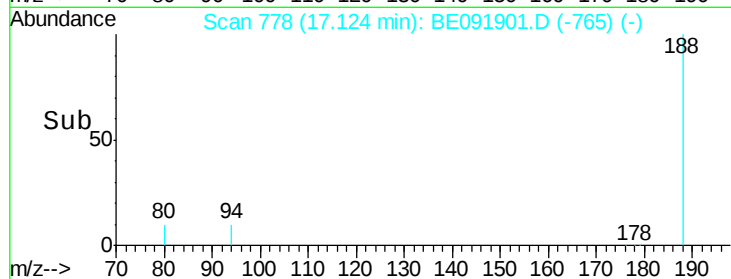
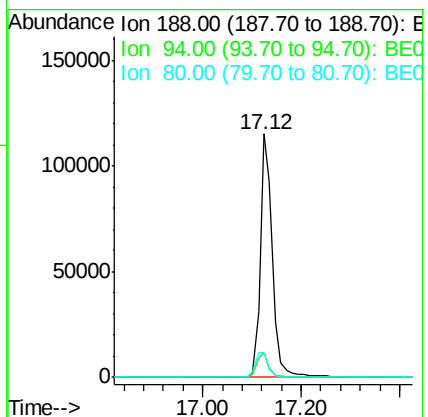
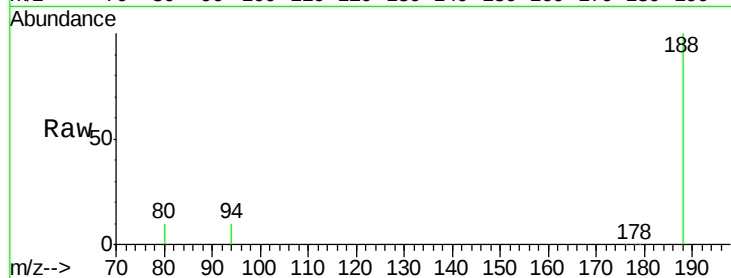




#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.12 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE091901.D
Acq: 8 Jun 2016 15:05

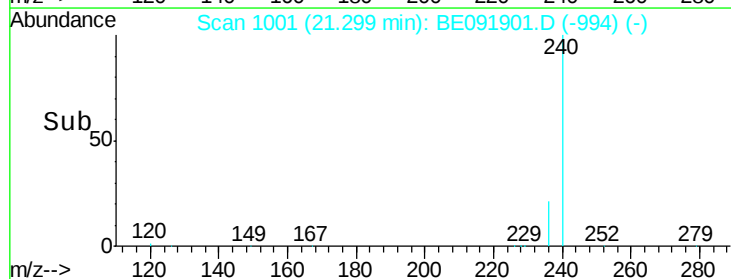
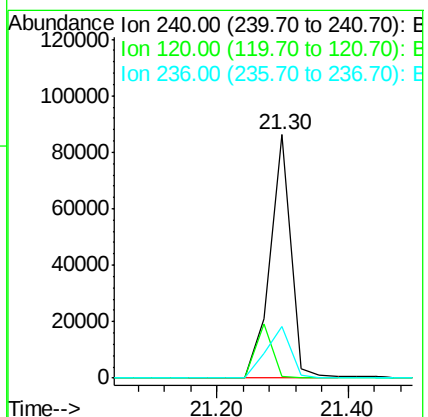
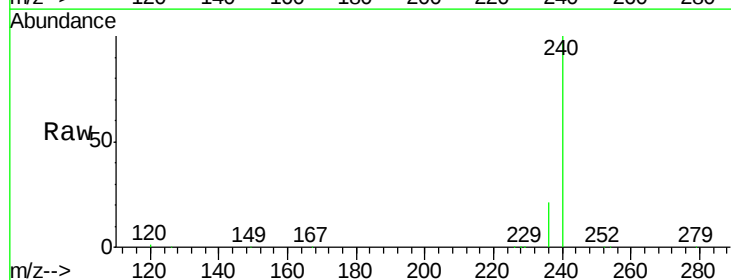
Instrument :
BNA_E
ClientSampleId :
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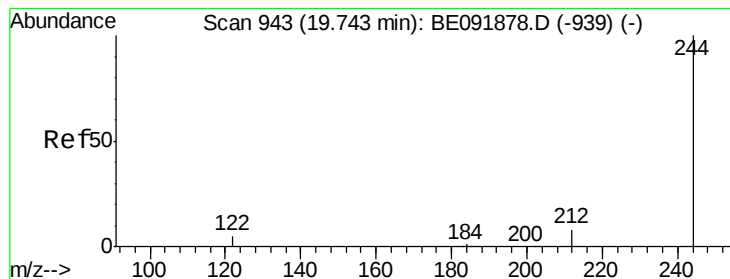
Tot Ion:188 Resp: 227225
Ion Ratio Lower Upper
188 100
94 10.4 4.1 6.1#
80 10.3 3.4 5.2#



#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.30 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE091901.D
Acq: 8 Jun 2016 15:05

Tgt Ion:240 Resp: 190724
Ion Ratio Lower Upper
240 100
120 0.7 1.2 1.8#
236 21.3 19.8 29.8





#34

Terphenyl-d14

Concen: -5.00 ng

RT: 19.74 min Scan# 943

Delta R.T. 0.00 min

Lab File: BE091901.D

Acq: 8 Jun 2016 15:05

Instrument :

BNA_E

ClientSampleId :

PB91035BL

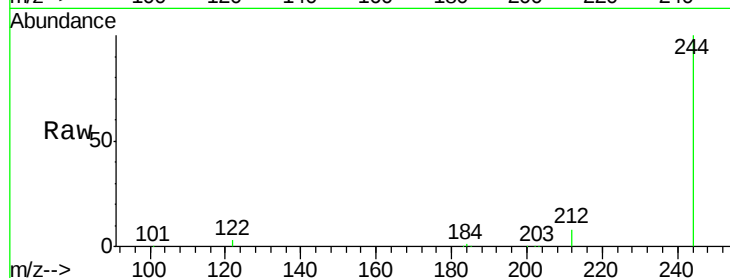
Tot Ion:244 Resp: 121944

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

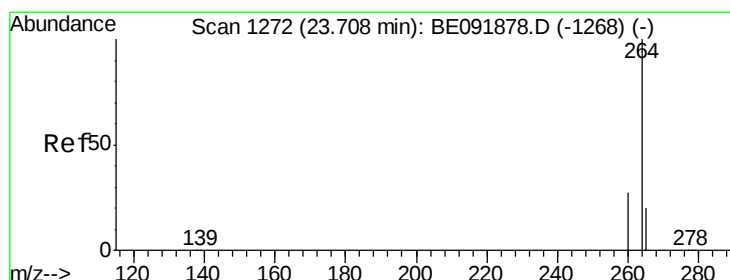
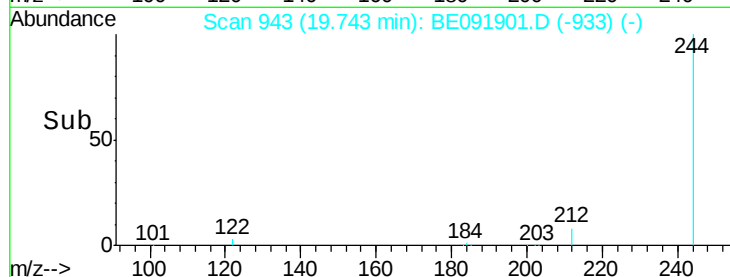
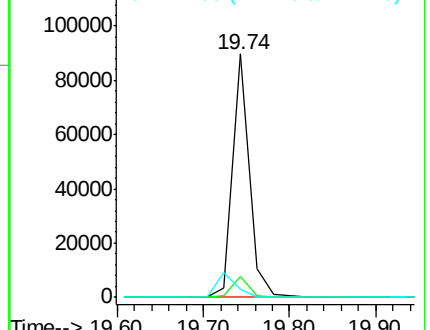
122 3.2 2.9 4.3



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



#40

Perylene-d12

Concen: 5.00 ng

RT: 23.73 min Scan# 1274

Delta R.T. 0.02 min

Lab File: BE091901.D

Acq: 8 Jun 2016 15:05

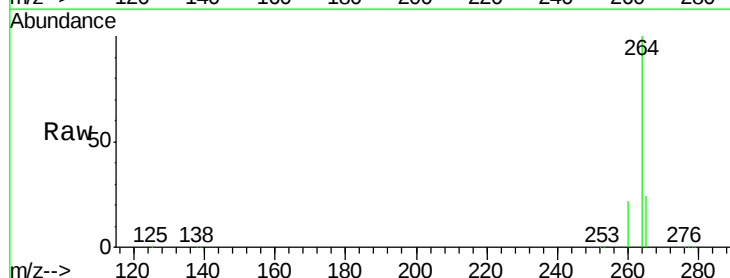
Tgt Ion:264 Resp: 228529

Ion Ratio Lower Upper

264 100

260 22.5 20.3 30.5

265 23.8 17.6 26.4



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

