

Data Path : Z:\HPCHEM1\BNA E\DATA\BE060716\
 Data File : BE091887.D
 Acq On : 7 Jun 2016 22:13
 Operator : UM/SJ
 Sample : PB91035BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB91035BL

Quant Time: Jun 08 07:32:52 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 17:14:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	25539	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	113030	5.00	ng	0.00
15) Acenaphthene-d10	14.38	164	64822	5.00	ng	0.00
24) Phenanthrene-d10	17.13	188	202674	5.00	ng	0.00
31) Chrysene-d12	21.30	240	216934	5.00	ng	0.00
40) Perylene-d12	23.73	264	220887	5.00	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	31423	5.77	ng	0.00
5) Phenol-d6	6.94	99	40808	6.05	ng	-0.02
9) Nitrobenzene-d5	8.91	82	21811	2.58	ng	-0.02
16) 2,4,6-Tribromophenol	15.89	330	10752	5.82	ng	0.00
17) 2-Fluorobiphenyl	13.01	172	58652	2.98	ng	0.00
34) Terphenyl-d14	19.74	244	108405	3.01	ng	0.00

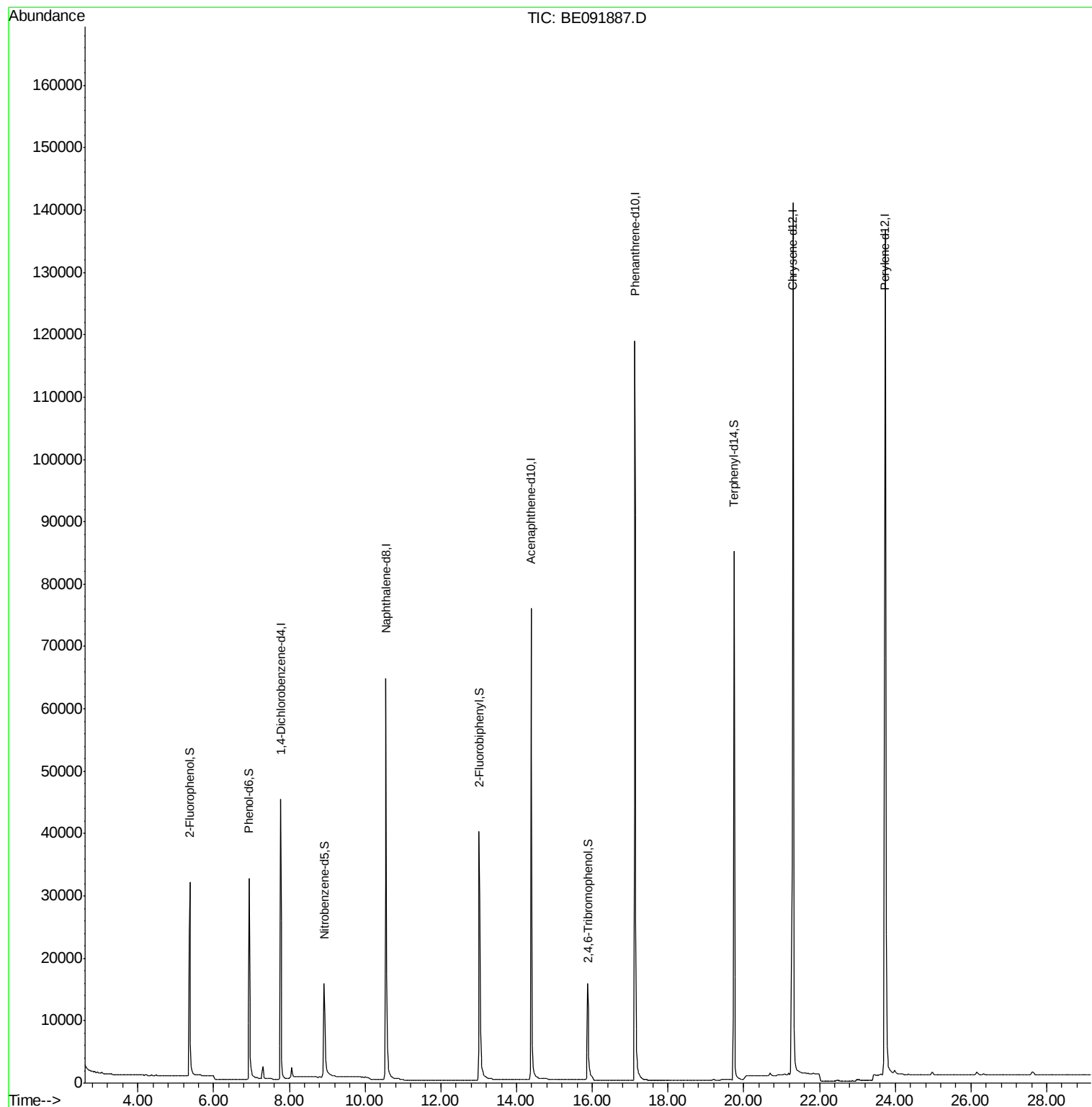
Target Compounds	Qvalue
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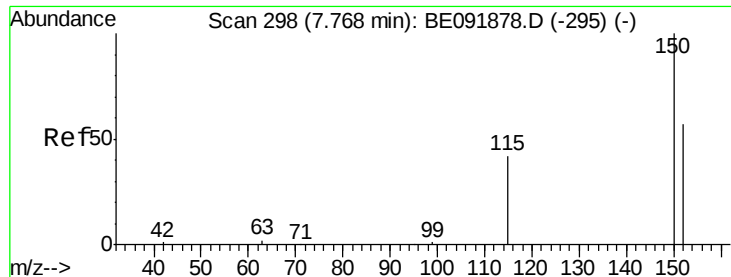
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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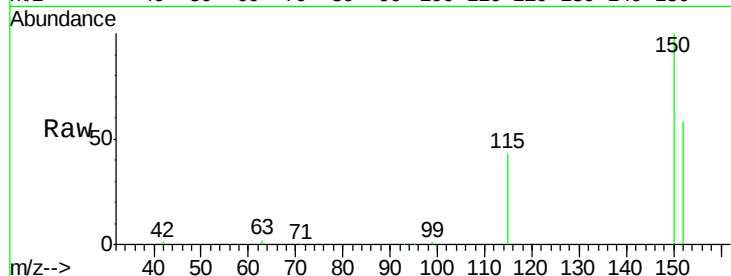


#1

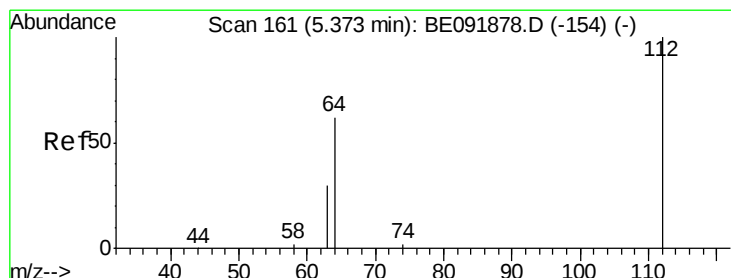
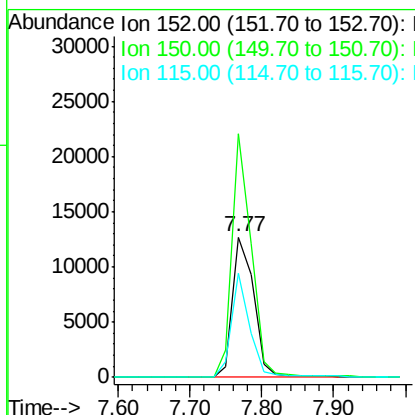
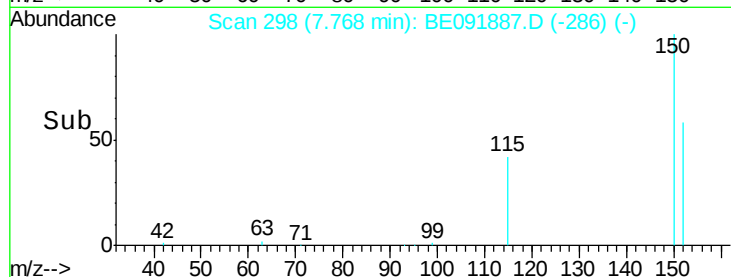
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.77 min Scan# 298
Delta R.T. -0.00 min
Lab File: BE091887.D
Acq: 7 Jun 2016 22:13

Instrument :
BNA_E
ClientSampleId :
PB91035BL

Tot Ion:152 Resp: 25539
Ion Ratio Lower Upper
152 100
150 173.6 123.9 185.9
115 74.0 48.3 72.5#



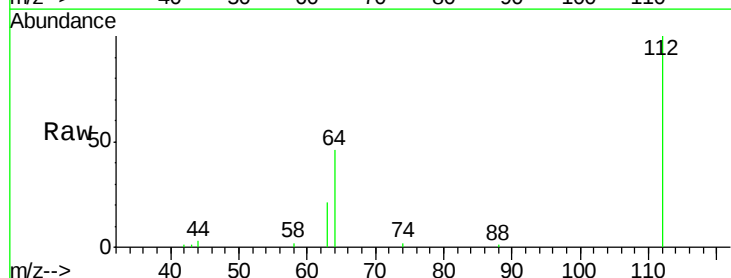
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



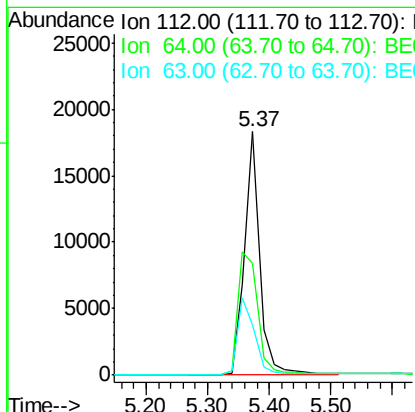
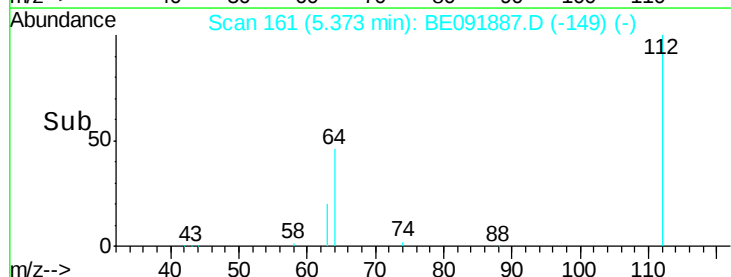
#4

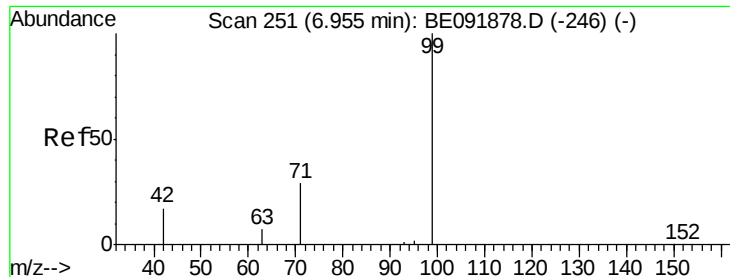
2-Fluorophenol
Concen: 5.77 ng
RT: 5.37 min Scan# 161
Delta R.T. 0.00 min
Lab File: BE091887.D
Acq: 7 Jun 2016 22:13

Tgt Ion:112 Resp: 31423
Ion Ratio Lower Upper
112 100
64 66.4 53.7 80.5
63 35.8 29.5 44.3



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





#5

Phenol-d6

Concen: 6.05 ng

RT: 6.94 min Scan# 250

Delta R.T. -0.02 min

Lab File: BE091887.D

Acq: 7 Jun 2016 22:13

Instrument :

BNA_E

ClientSampled :

PB91035BL

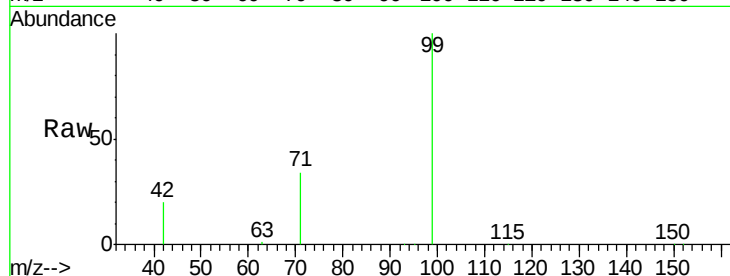
Tot Ion: 99 Resp: 40808

Ion Ratio Lower Upper

99 100

42 24.0 19.6 29.4

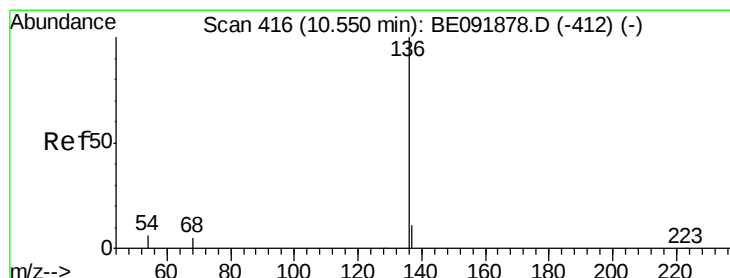
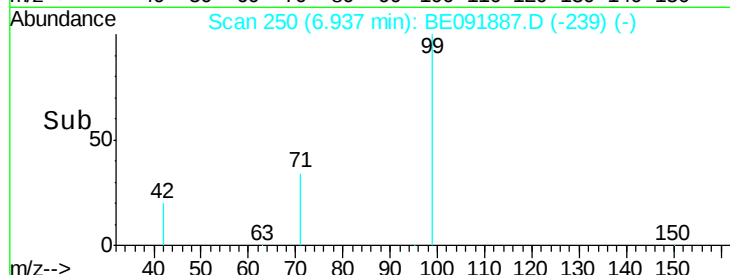
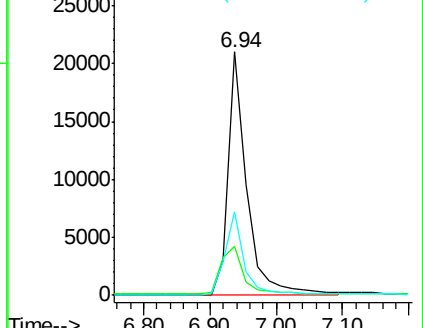
71 35.1 28.1 42.1



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: BE091887.D

Acq: 7 Jun 2016 22:13

Tgt Ion: 136 Resp: 113030

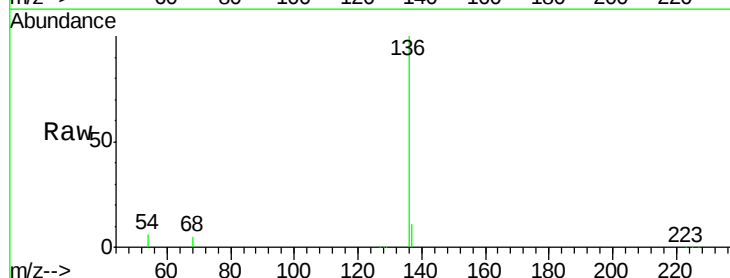
Ion Ratio Lower Upper

136 100

137 11.3 8.3 12.5

54 6.3 8.2 12.4#

68 4.8 5.9 8.9#

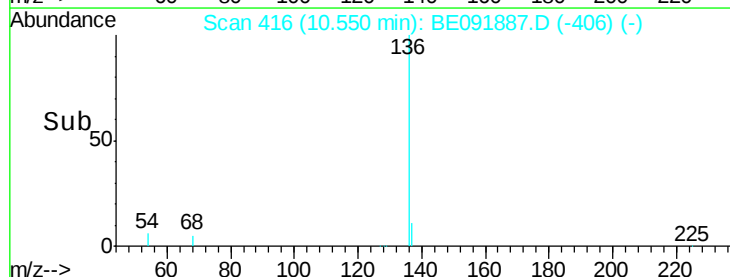
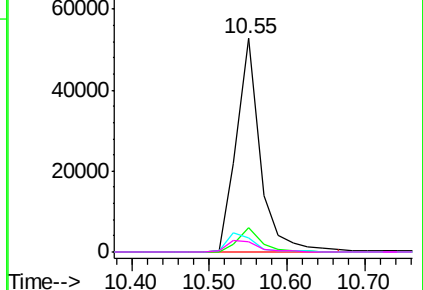


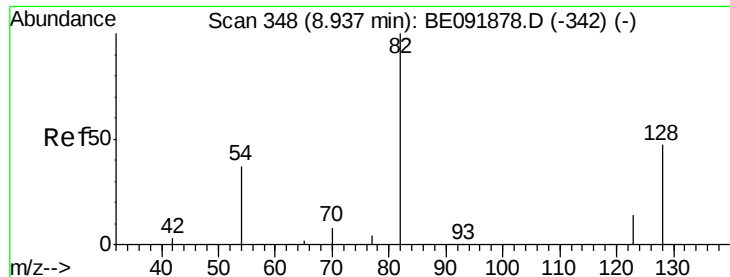
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.58 ng

RT: 8.91 min Scan# 347

Delta R.T. -0.02 min

Lab File: BE091887.D

Acq: 7 Jun 2016 22:13

Instrument :

BNA_E

ClientSampleId :

PB91035BL

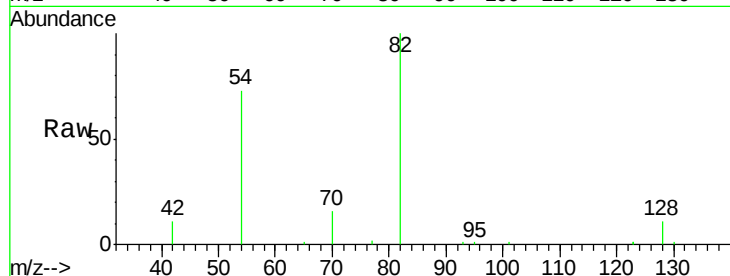
Tot Ion: 82 Resp: 21811

Ion Ratio Lower Upper

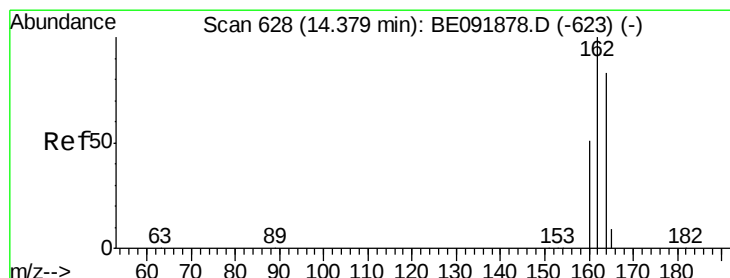
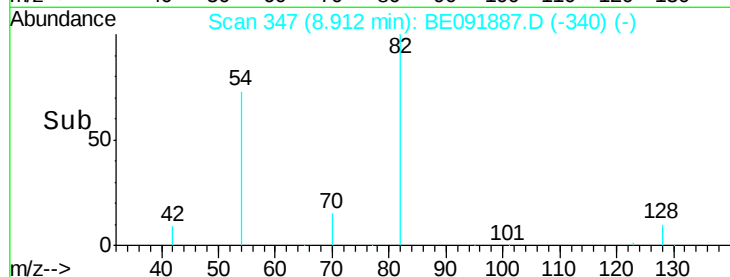
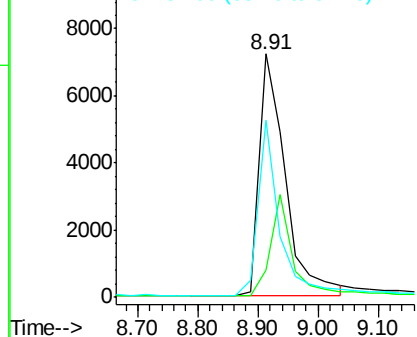
82 100

128 11.1 39.5 59.3#

54 72.9 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: BE091887.D

Acq: 7 Jun 2016 22:13

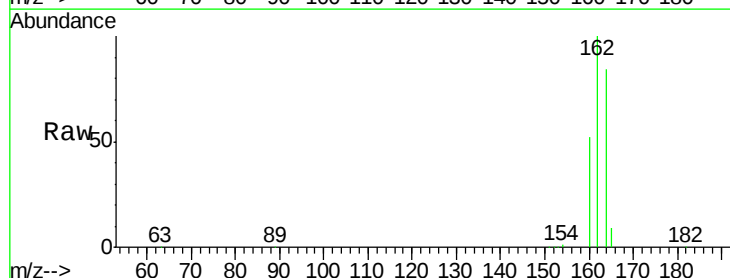
Tgt Ion:164 Resp: 64822

Ion Ratio Lower Upper

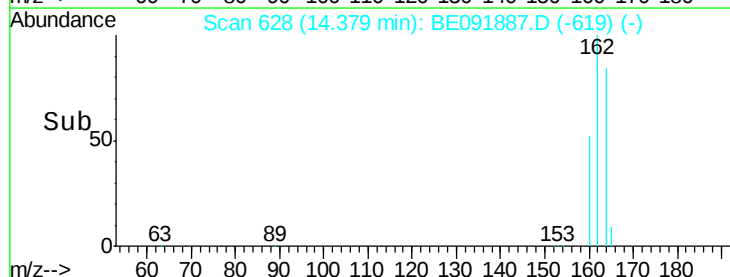
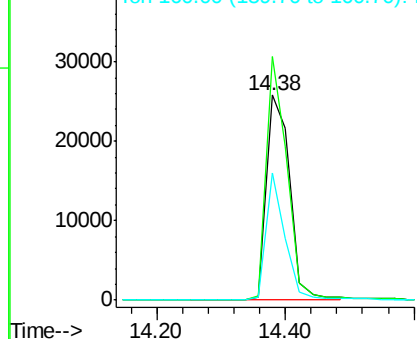
164 100

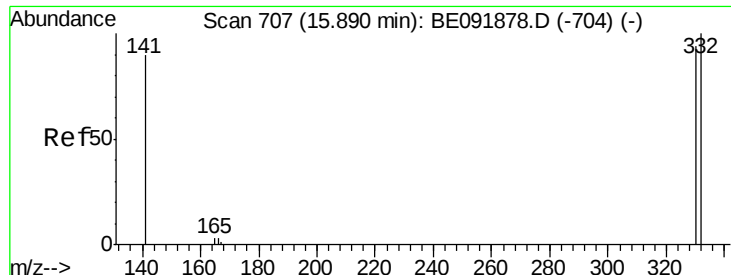
162 118.8 71.8 107.8#

160 62.1 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

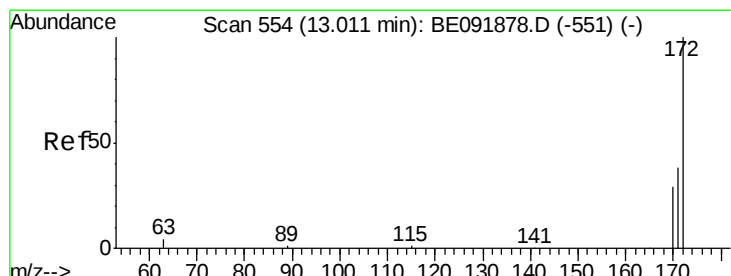
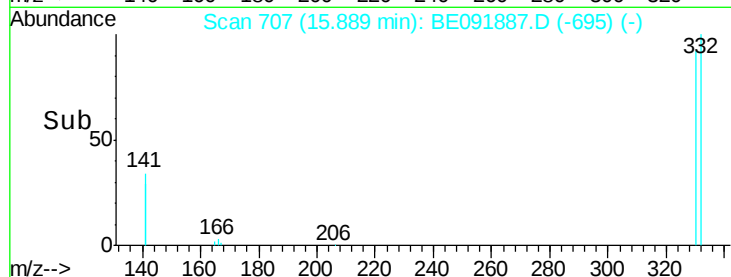
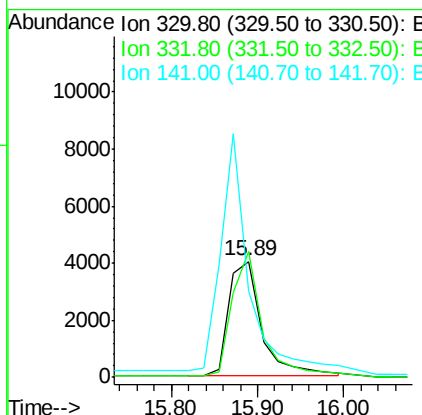
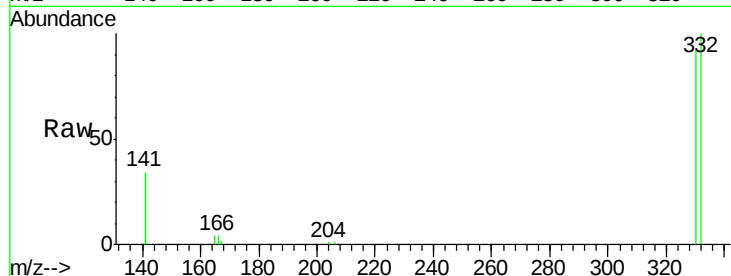




#16
 2,4,6-Tribromophenol
 Concen: 5.82 ng
 RT: 15.89 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091887.D
 Acq: 7 Jun 2016 22:13

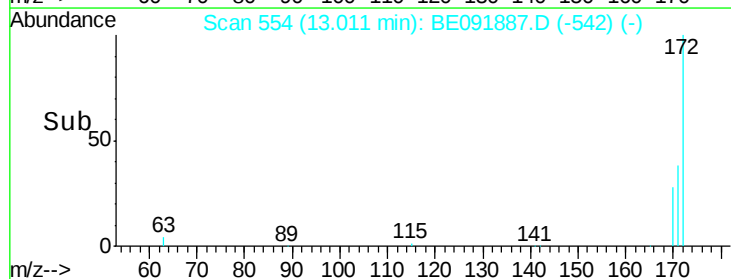
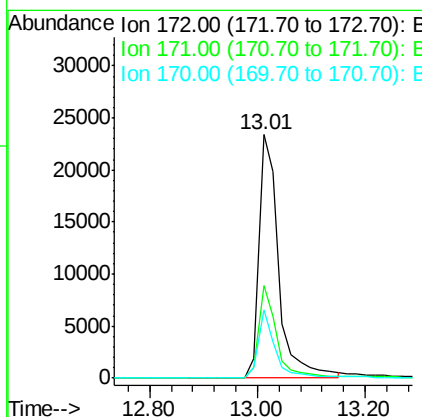
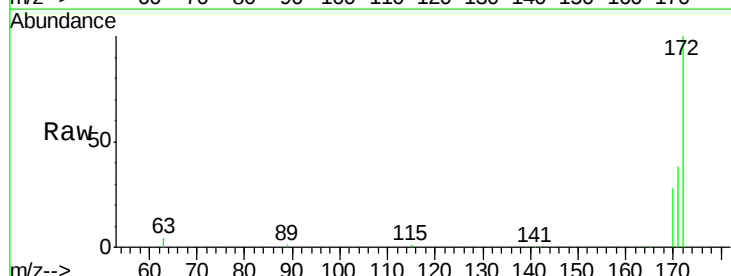
Instrument :
 BNA_E
 ClientSampleId :
 PB91035BL

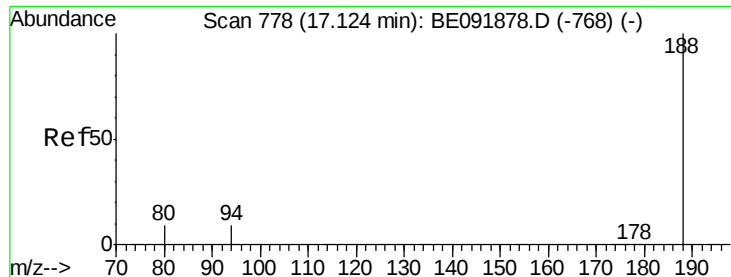
Tot Ion:330 Resp: 10752
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 170.3 138.4 207.6



#17
 2-Fluorobiphenyl
 Concen: 2.98 ng
 RT: 13.01 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BE091887.D
 Acq: 7 Jun 2016 22:13

Tgt Ion:172 Resp: 58652
 Ion Ratio Lower Upper
 172 100
 171 38.3 24.3 36.5#
 170 28.0 14.9 22.3#

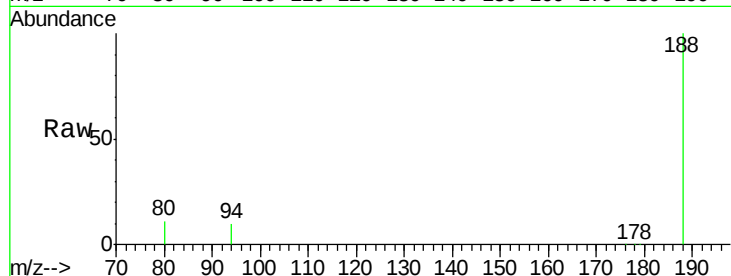




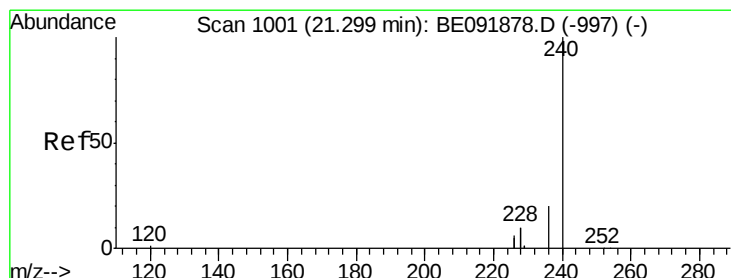
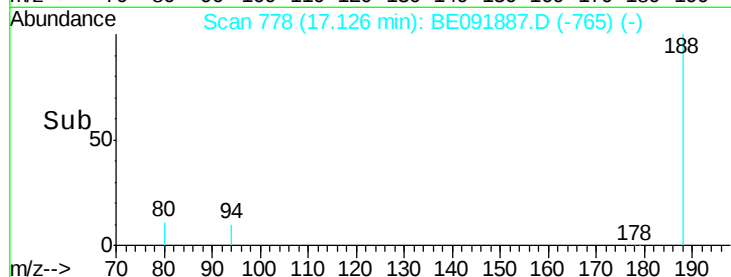
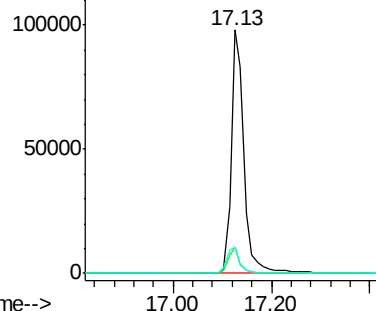
#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE091887.D
Acq: 7 Jun 2016 22:13

Instrument :
BNA_E
ClientSampleId :
PB91035BL

Tot Ion:188 Resp: 202674
Ion Ratio Lower Upper
188 100
94 10.5 4.1 6.1#
80 10.5 3.4 5.2#

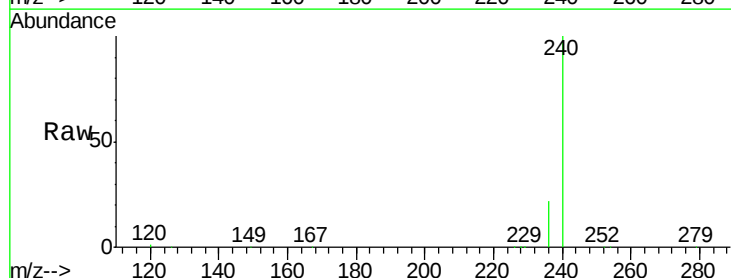


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

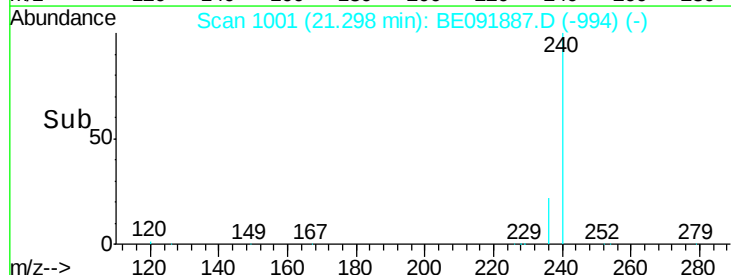
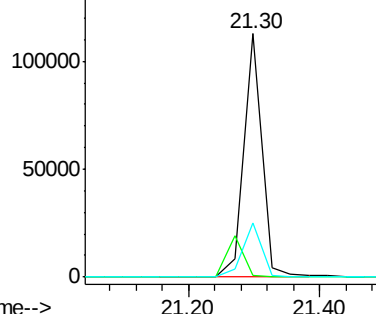


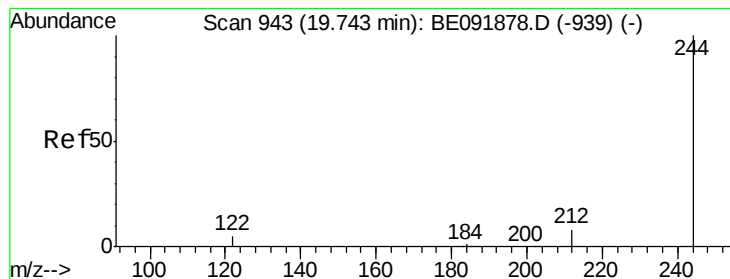
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.30 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE091887.D
Acq: 7 Jun 2016 22:13

Tgt Ion:240 Resp: 216934
Ion Ratio Lower Upper
240 100
120 0.8 1.2 1.8#
236 22.4 19.8 29.8



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





#34

Terphenyl-d14

Concen: 3.01 ng

RT: 19.74 min Scan# 943

Delta R.T. 0.00 min

Lab File: BE091887.D

Acq: 7 Jun 2016 22:13

Instrument :

BNA_E

ClientSampleId :

PB91035BL

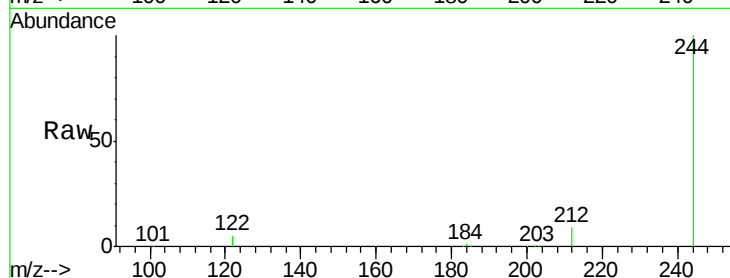
Tot Ion:244 Resp: 108405

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

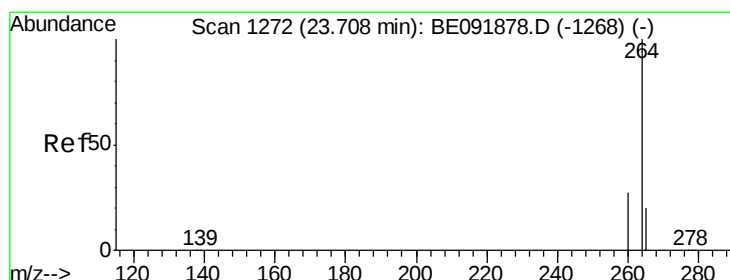
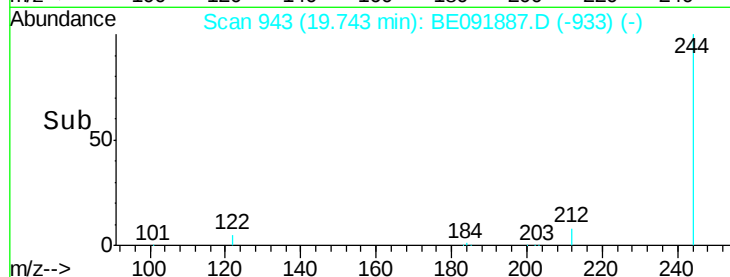
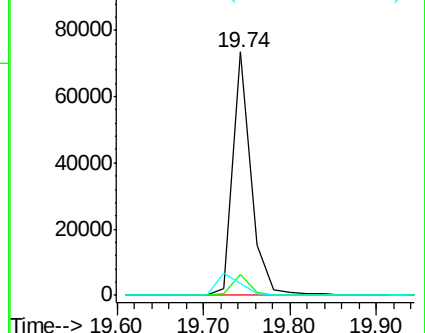
122 5.0 2.9 4.3#



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# 1273

Delta R.T. 0.02 min

Lab File: BE091887.D

Acq: 7 Jun 2016 22:13

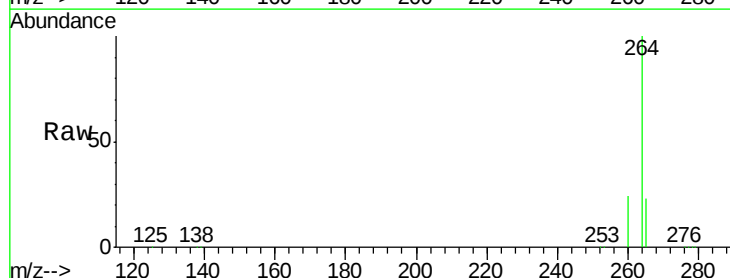
Tgt Ion:264 Resp: 220887

Ion Ratio Lower Upper

264 100

260 23.8 20.3 30.5

265 22.8 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

