

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082916\
 Data File : BE092294.D
 Acq On : 29 Aug 2016 18:19
 Operator : UM/SJ
 Sample : PB93078BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93078BL

Quant Time: Aug 30 00:54:15 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 18:19:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	13398	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	58441	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	28868	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	64999	5.00	ng	0.00
24) Chrysene-d12	21.75	240	80617	5.00	ng	0.00
31) Perylene-d12	24.12	264	85599	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	216962	72.17	ng	-0.02
5) Phenol-d6	7.34	99	274784	69.39	ng	-0.04
8) Nitrobenzene-d5	9.34	82	267796	70.04	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	56451	72.21	ng	-0.02
14) 2-Fluorobiphenyl	13.44	172	463359	51.12	ng	-0.01
26) Terphenyl-d14	20.19	244	584903	53.70	ng	0.00

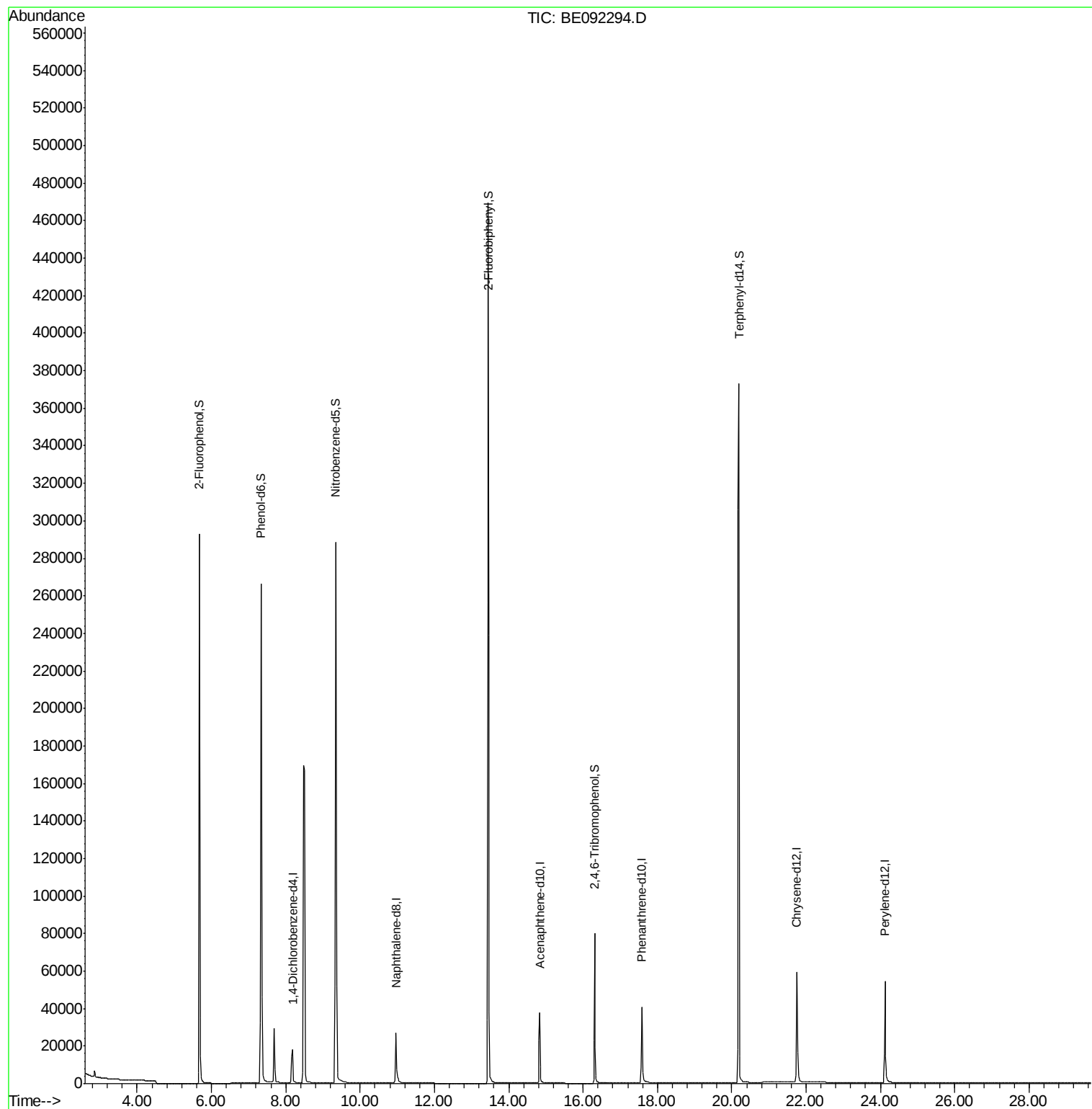
Target Compounds Qvalue

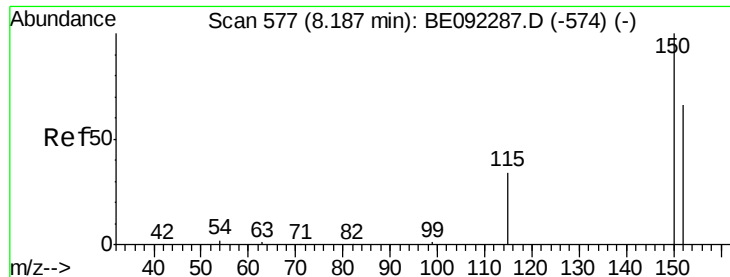
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082916\
Data File : BE092294.D
Acq On : 29 Aug 2016 18:19
Operator : UM/SJ
Sample : PB93078BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Quant Time: Aug 30 00:54:15 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 18:19:23 2016
Response via : Initial Calibration



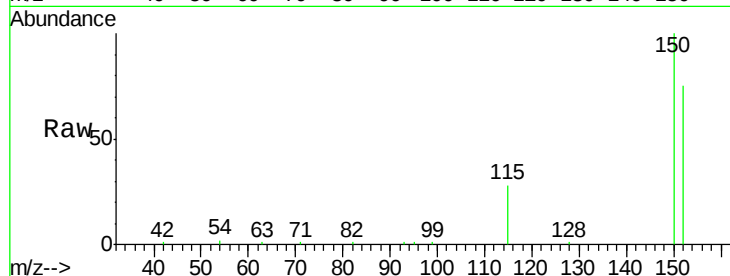


#1

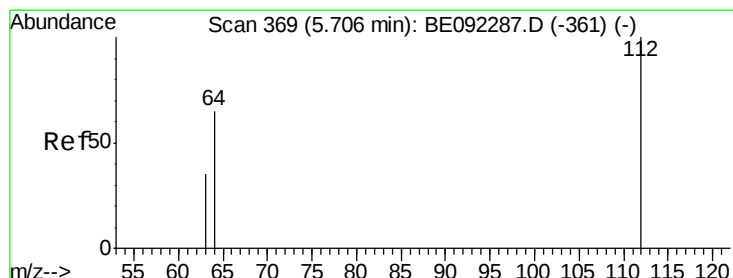
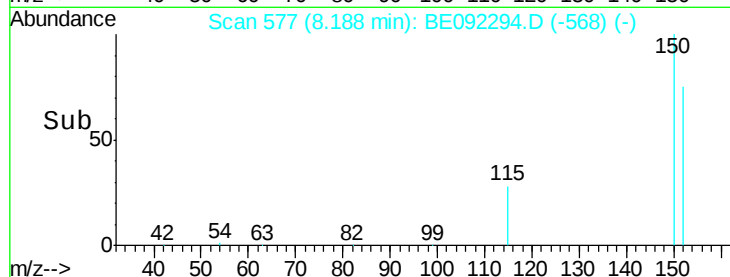
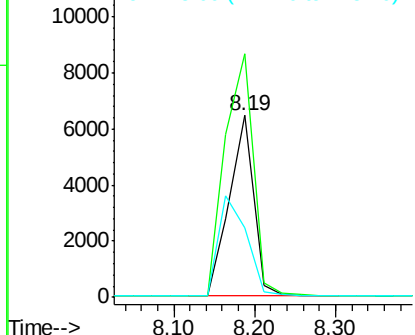
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.19 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Instrument :
BNA_E
ClientSampleId :
PB93078BL

Tot Ion:152 Resp: 13398
Ion Ratio Lower Upper
152 100
150 133.9 135.6 203.4#
115 38.0 59.4 89.0#



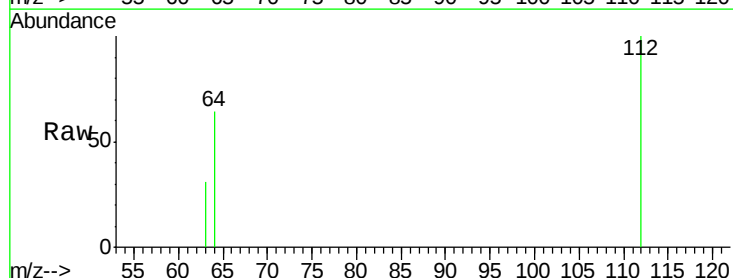
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



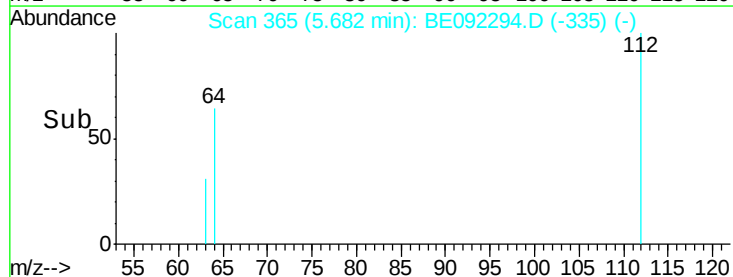
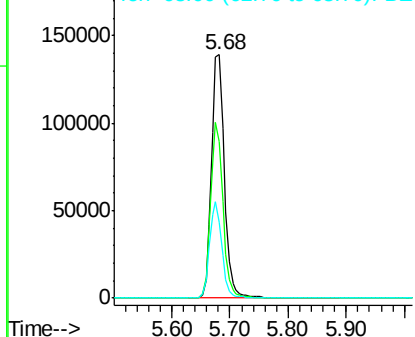
#4

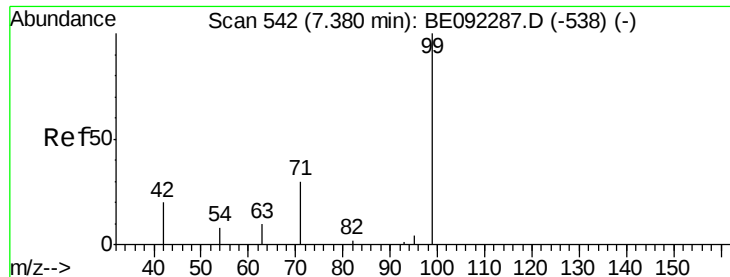
2-Fluorophenol
Concen: 72.17 ng
RT: 5.68 min Scan# 365
Delta R.T. -0.02 min
Lab File: BE092294.D
Acq: 29 Aug 2016 18:19

Tgt Ion:112 Resp: 216962
Ion Ratio Lower Upper
112 100
64 69.1 53.2 79.8
63 37.9 27.4 41.2



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





#5

Phenol-d6

Concen: 69.39 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.04 min

Lab File: BE092294.D

Acq: 29 Aug 2016 18:19

Instrument :

BNA_E

ClientSampleId :

PB93078BL

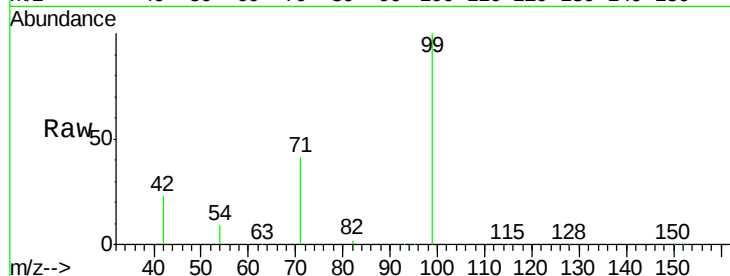
Tot Ion: 99 Resp: 274784

Ion Ratio Lower Upper

99 100

42 27.2 0.0 0.0#

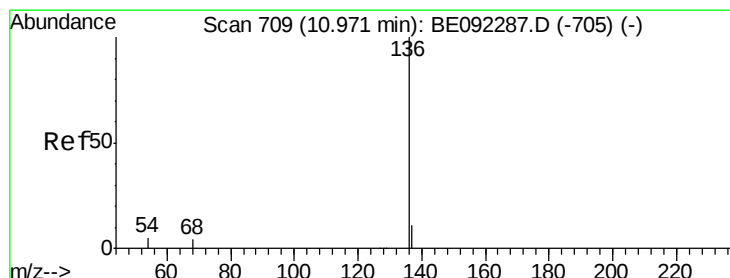
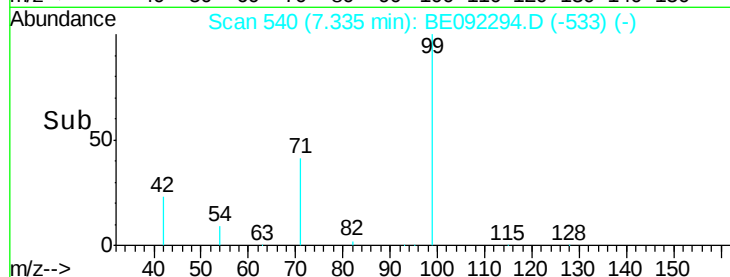
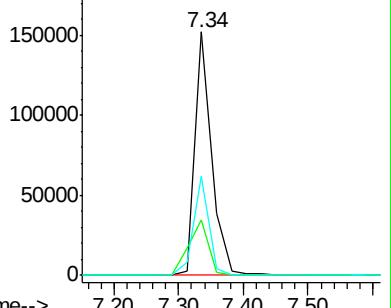
71 37.9 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BE092287.D (-538) (-)

Ion 42.00 (41.70 to 42.70): BE092287.D (-538) (-)

Ion 71.00 (70.70 to 71.70): BE092287.D (-538) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092294.D

Acq: 29 Aug 2016 18:19

Tgt Ion: 136 Resp: 58441

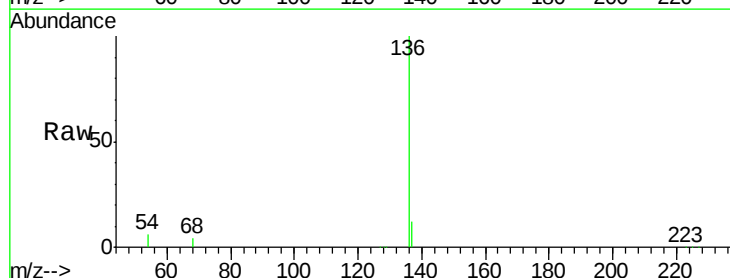
Ion Ratio Lower Upper

136 100

137 11.8 8.8 13.2

54 5.5 6.2 9.4#

68 4.1 4.6 6.8#

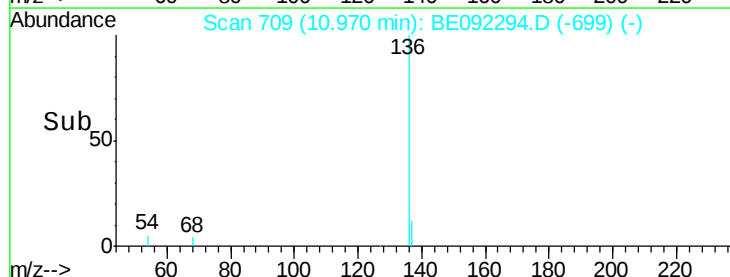
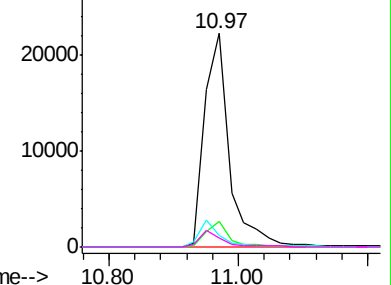


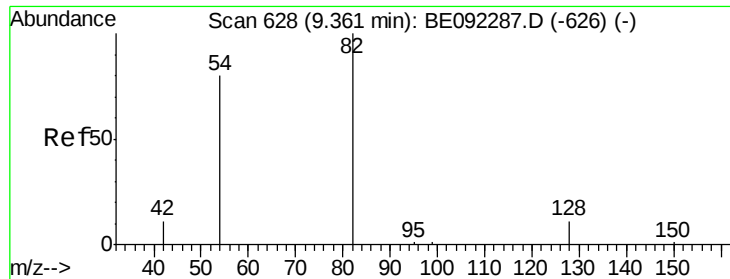
Abundance Ion 136.00 (135.70 to 136.70): BE092287.D (-705) (-)

Ion 137.00 (136.70 to 137.70): BE092287.D (-705) (-)

Ion 54.00 (53.70 to 54.70): BE092287.D (-705) (-)

Ion 68.00 (67.70 to 68.70): BE092287.D (-705) (-)





#8

Nitrobenzene-d5

Concen: 70.04 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092294.D

Acq: 29 Aug 2016 18:19

Instrument :

BNA_E

ClientSampleId :

PB93078BL

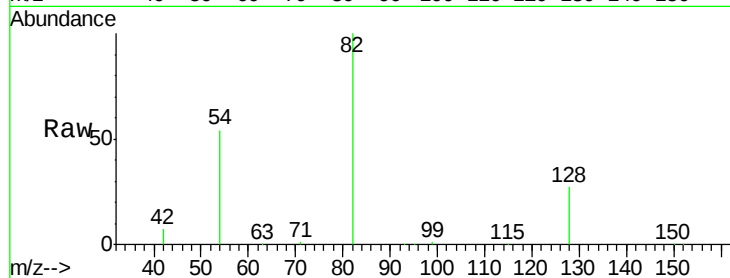
Tot Ion: 82 Resp: 267796

Ion Ratio Lower Upper

82 100

128 26.5 45.0 67.4#

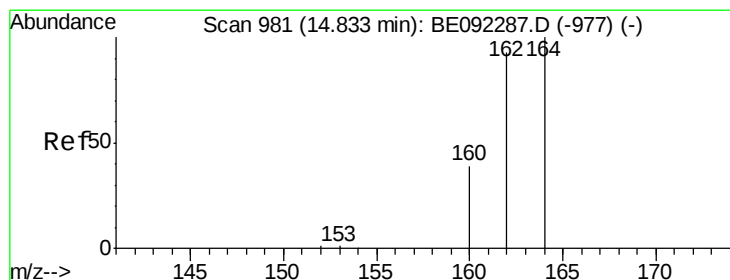
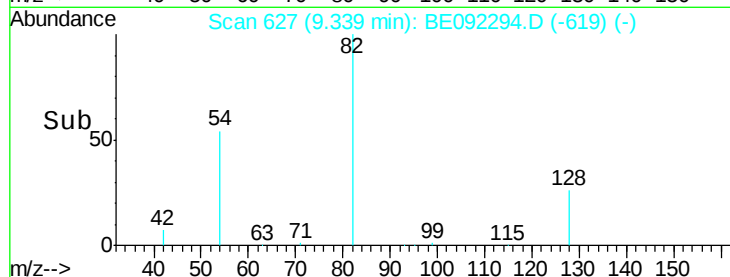
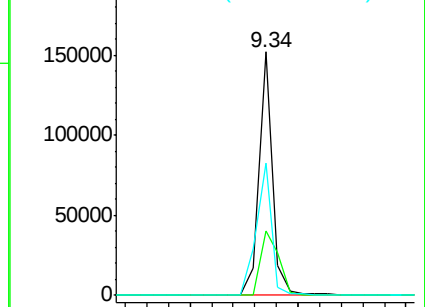
54 54.4 45.4 68.2



Abundance Ion 82.00 (81.70 to 82.70): BE092287.D (-626) (-)

Ion 128.00 (127.70 to 128.70): BE092287.D (-626) (-)

Ion 54.00 (53.70 to 54.70): BE092287.D (-626) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 981

Delta R.T. -0.00 min

Lab File: BE092294.D

Acq: 29 Aug 2016 18:19

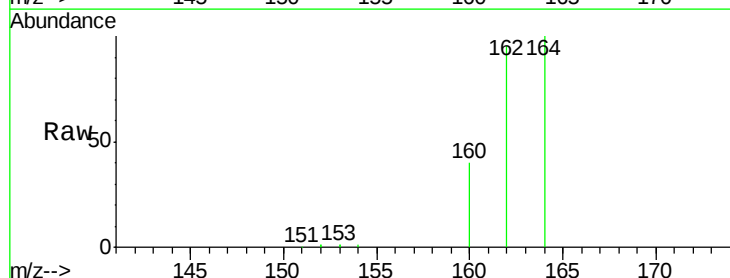
Tgt Ion: 164 Resp: 28868

Ion Ratio Lower Upper

164 100

162 95.1 83.3 124.9

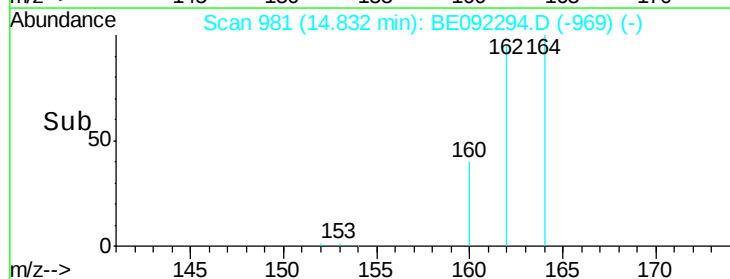
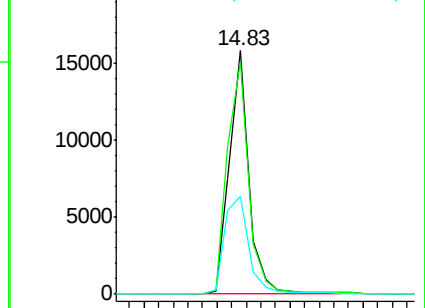
160 39.9 38.0 57.0

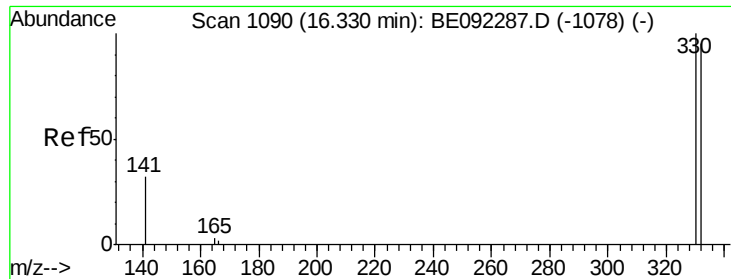


Abundance Ion 164.00 (163.70 to 164.70): BE092287.D (-977) (-)

Ion 162.00 (161.70 to 162.70): BE092287.D (-977) (-)

Ion 160.00 (159.70 to 160.70): BE092287.D (-977) (-)

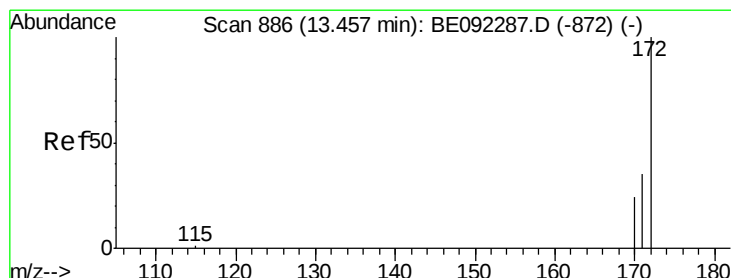
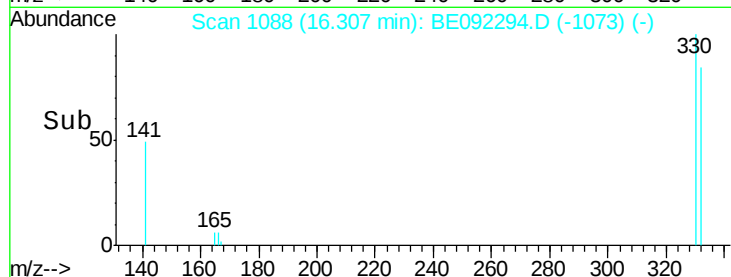
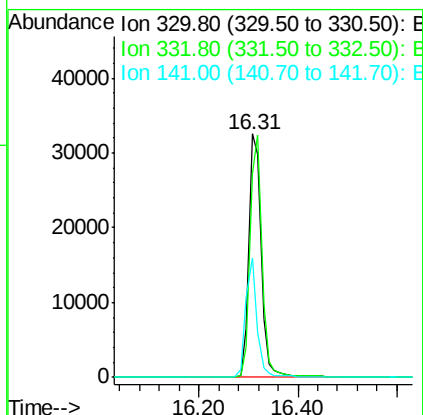
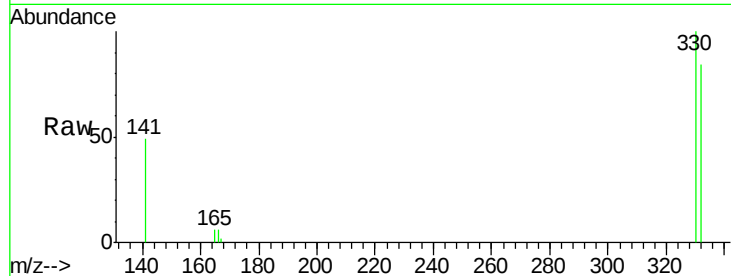




#13
 2,4,6-Tribromophenol
 Concen: 72.21 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.02 min
 Lab File: BE092294.D
 Acq: 29 Aug 2016 18:19

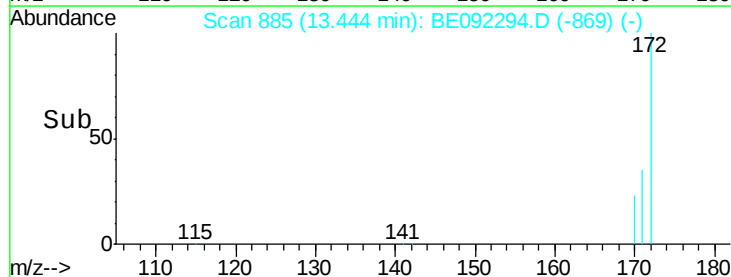
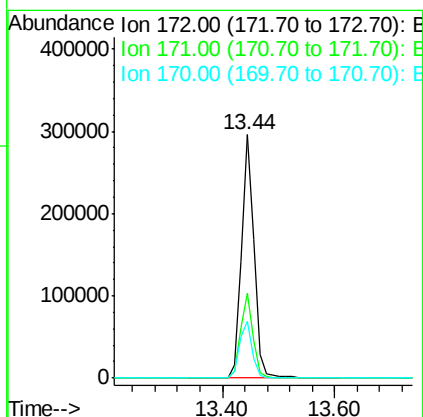
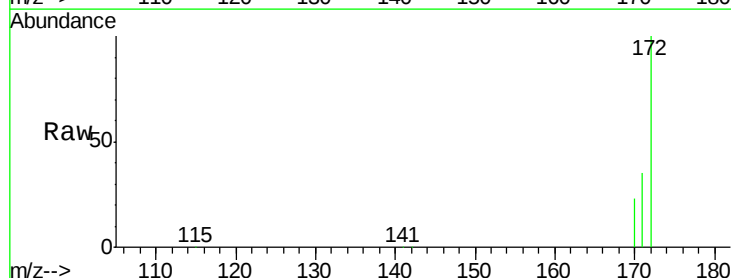
Instrument :
 BNA_E
 ClientSampleId :
 PB93078BL

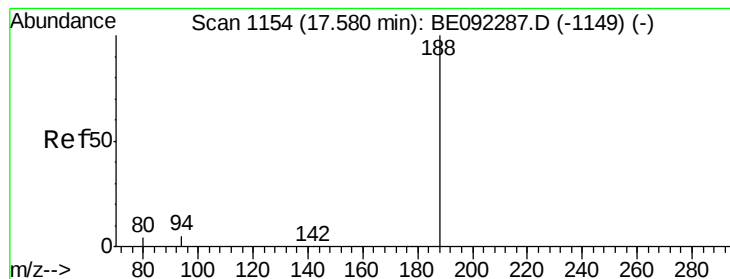
Tot Ion:330 Resp: 56451
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.4 113.0
 141 44.7 37.7 56.5



#14
 2-Fluorobiphenyl
 Concen: 51.12 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BE092294.D
 Acq: 29 Aug 2016 18:19

Tgt Ion:172 Resp: 463359
 Ion Ratio Lower Upper
 172 100
 171 34.8 26.8 40.2
 170 23.3 17.8 26.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092294.D

Acq: 29 Aug 2016 18:19

Instrument :

BNA_E

ClientSampleId :

PB93078BL

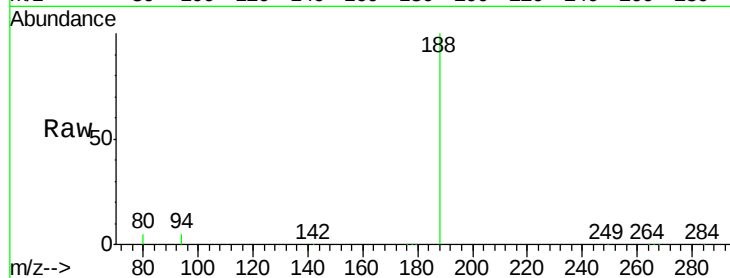
Tot Ion:188 Resp: 64999

Ion Ratio Lower Upper

188 100

94 5.5 9.2 13.8#

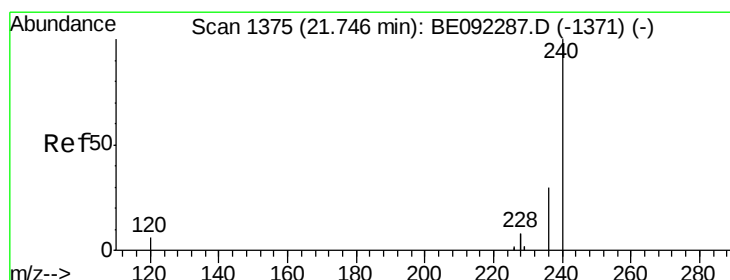
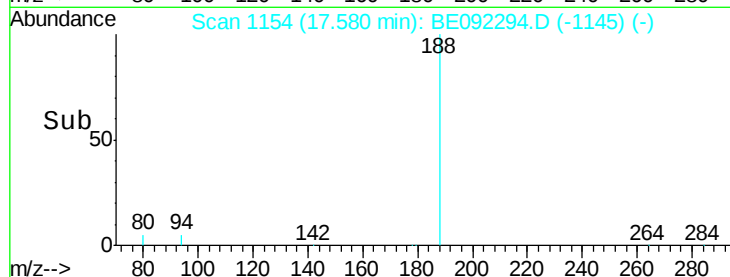
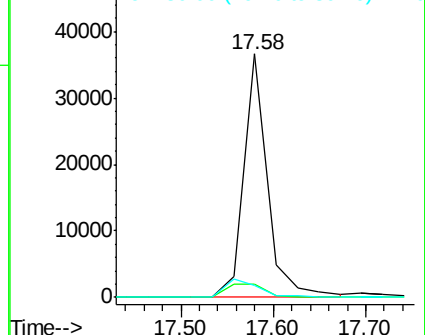
80 4.9 9.1 13.7#



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092294.D

Acq: 29 Aug 2016 18:19

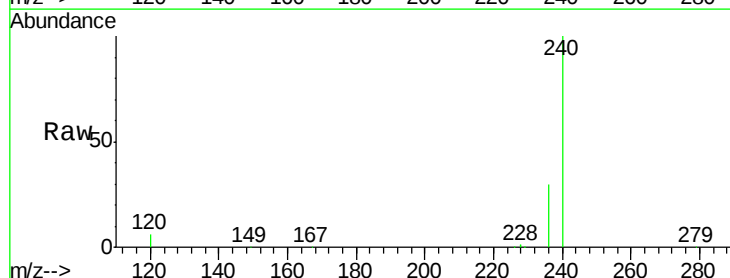
Tgt Ion:240 Resp: 80617

Ion Ratio Lower Upper

240 100

120 5.8 1.2 1.8#

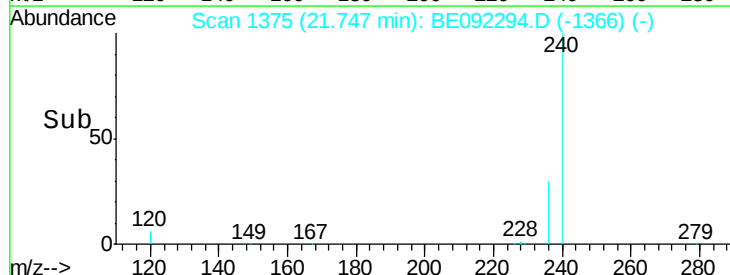
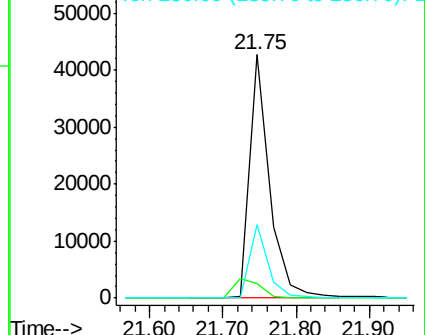
236 30.0 17.1 25.7#

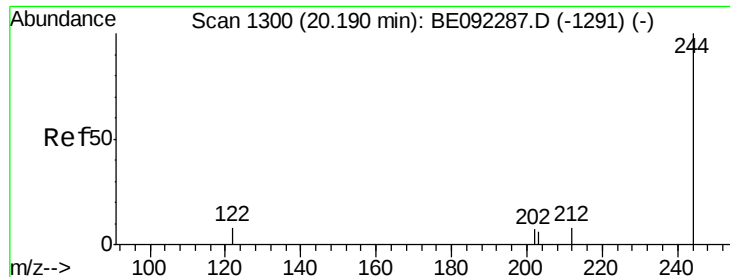


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

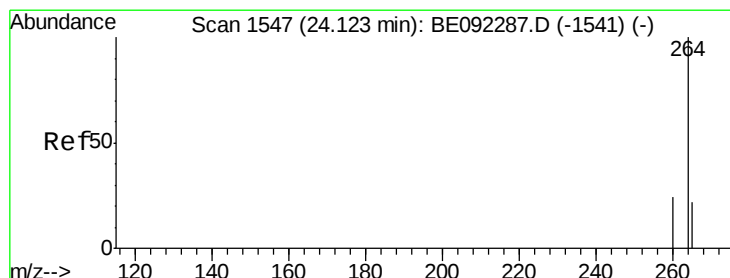
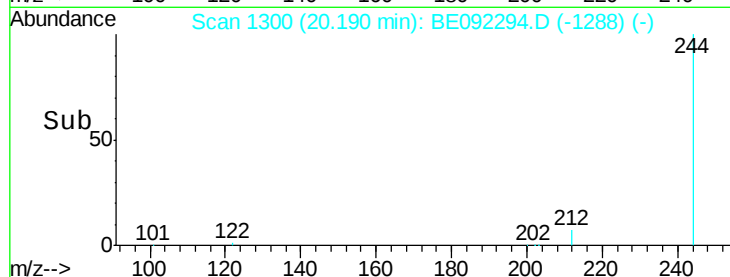
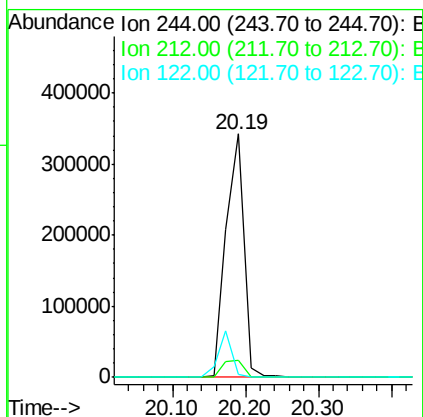
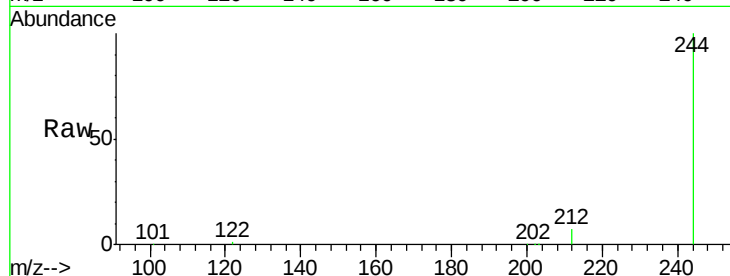




#26
 Terphenyl-d14
 Concen: 53.70 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BE092294.D
 Acq: 29 Aug 2016 18:19

Instrument :
 BNA_E
 ClientSampleId :
 PB93078BL

Tot Ion:244 Resp: 584903
 Ion Ratio Lower Upper
 244 100
 212 7.2 10.2 15.2#
 122 1.1 15.9 23.9#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.12 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BE092294.D
 Acq: 29 Aug 2016 18:19

Tgt Ion:264 Resp: 85599
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 22.2 18.2 27.4

