

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091616\
 Data File : BE092385.D
 Acq On : 16 Sep 2016 10:18
 Operator : UM/SJ
 Sample : PB93386BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93386BL

Quant Time: Sep 16 16:26:55 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 19:34:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	10250	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	42271	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	28978	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	61498	5.00	ng	0.02
24) Chrysene-d12	21.75	240	77111	5.00	ng	0.00
31) Perylene-d12	24.12	264	80287	5.00	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	18412	7.56	ng	-0.02
5) Phenol-d6	7.33	99	22962	7.06	ng	-0.02
8) Nitrobenzene-d5	9.34	82	9399	3.10	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	5611	6.25	ng	0.00
14) 2-Fluorobiphenyl	13.45	172	24037	2.70	ng	0.00
26) Terphenyl-d14	20.19	244	34297	3.01	ng	0.02

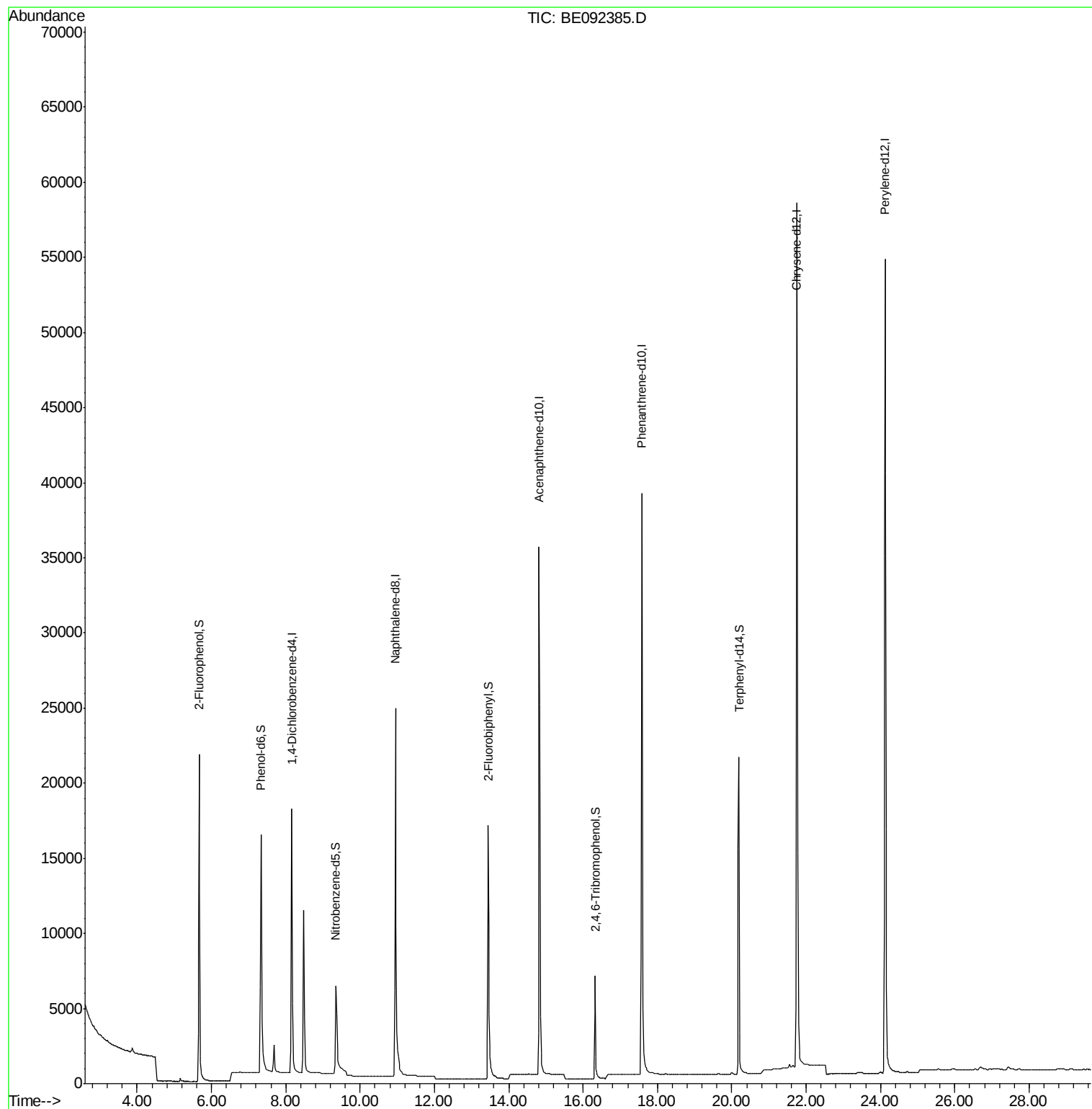
Target Compounds	Qvalue
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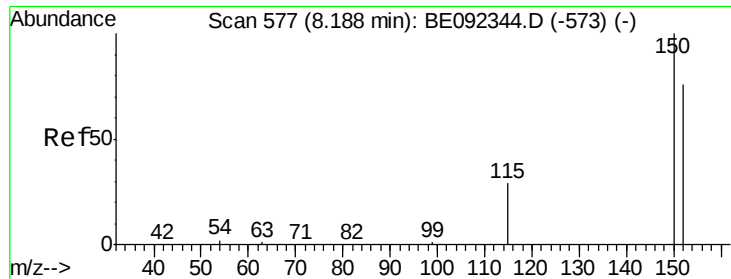
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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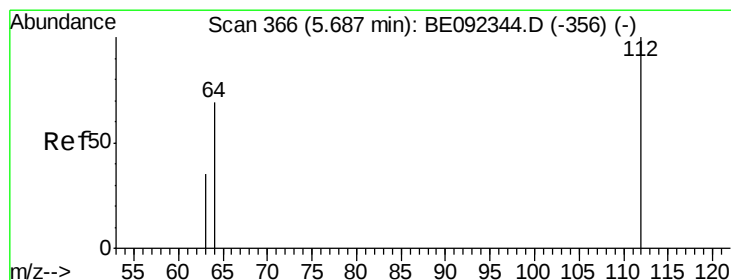
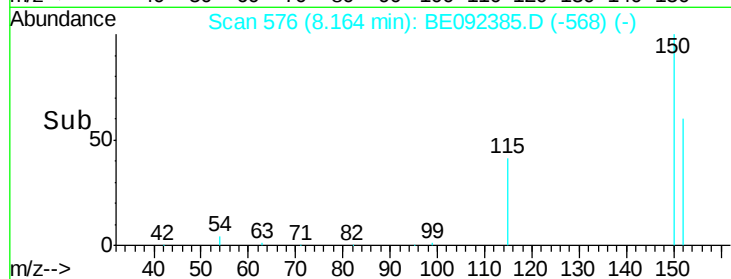
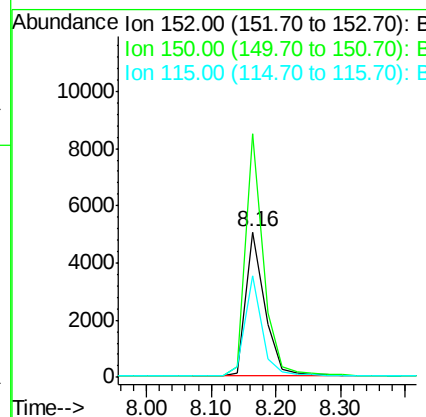
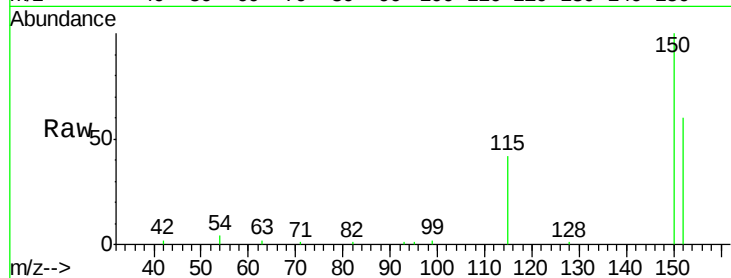




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.16 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: BE092385.D
 Acq: 16 Sep 2016 10:18

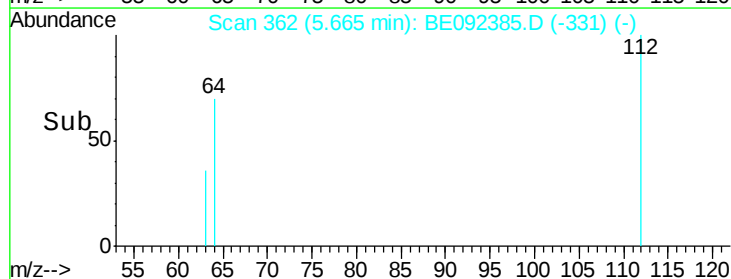
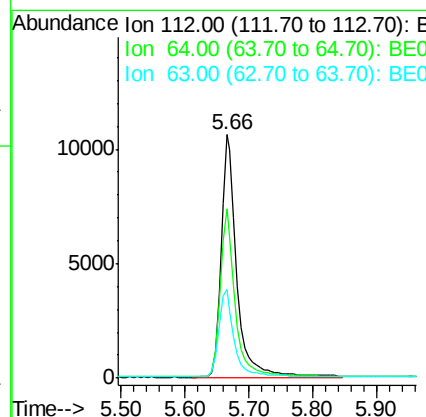
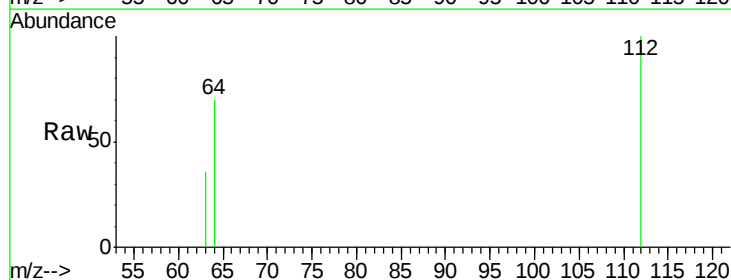
Instrument :
 BNA_E
 ClientSampleId :
 PB93386BL

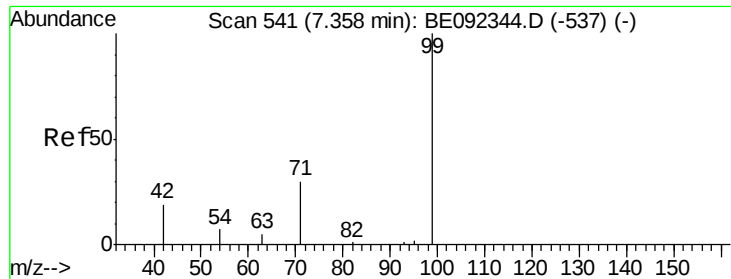
Tgt Ion:152 Resp: 10250
 Ion Ratio Lower Upper
 152 100
 150 167.2 106.0 159.0#
 115 70.0 31.2 46.8#



#4
 2-Fluorophenol
 Concen: 7.56 ng
 RT: 5.66 min Scan# 362
 Delta R.T. -0.02 min
 Lab File: BE092385.D
 Acq: 16 Sep 2016 10:18

Tgt Ion:112 Resp: 18412
 Ion Ratio Lower Upper
 112 100
 64 67.8 53.5 80.3
 63 36.0 27.9 41.9





#5

Phenol-d6

Concen: 7.06 ng

RT: 7.33 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092385.D

Acq: 16 Sep 2016 10:18

Instrument :

BNA_E

ClientSampled :

PB93386BL

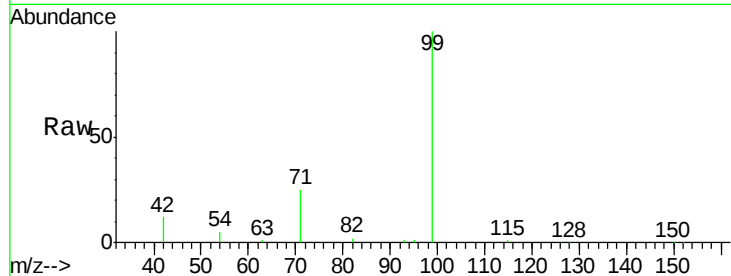
Tgt Ion: 99 Resp: 22962

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

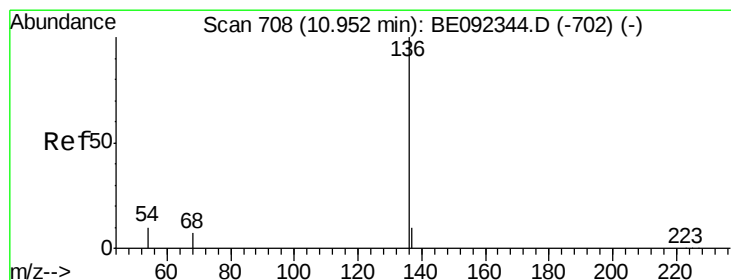
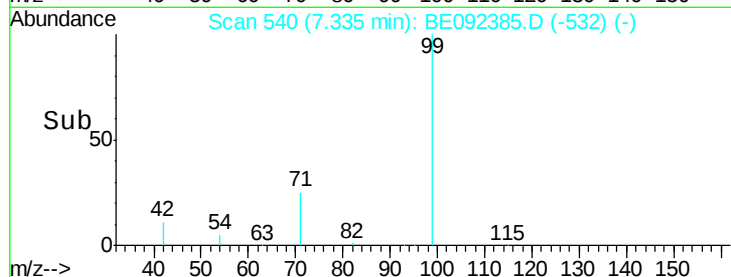
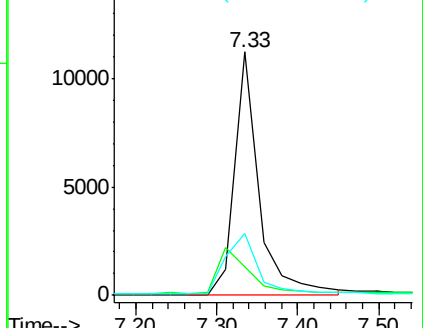
71 34.1 30.6 45.8



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092385.D

Acq: 16 Sep 2016 10:18

Tgt Ion: 136 Resp: 42271

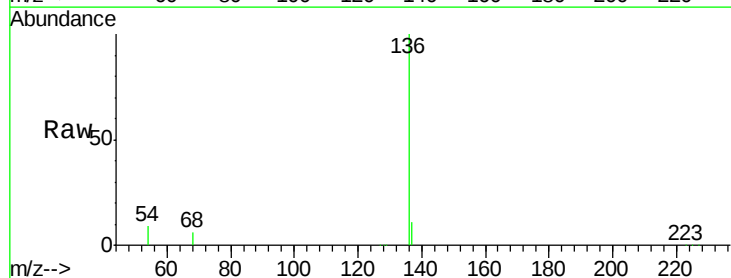
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.4

54 8.6 9.6 14.4#

68 6.4 6.7 10.1#

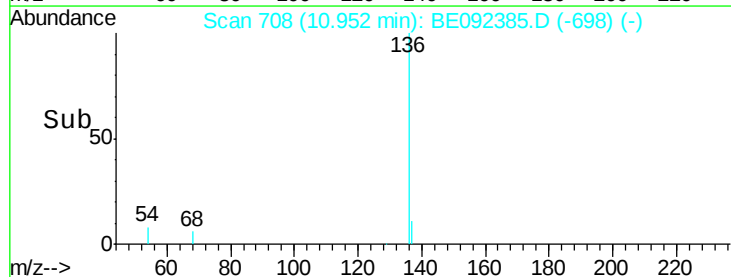
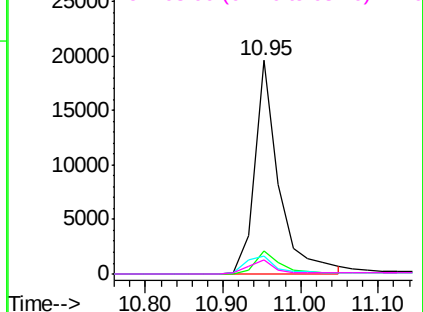


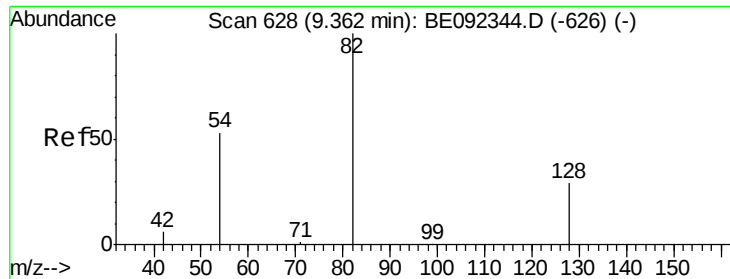
Abundance Ion 136.00 (135.70 to 136.70): E

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

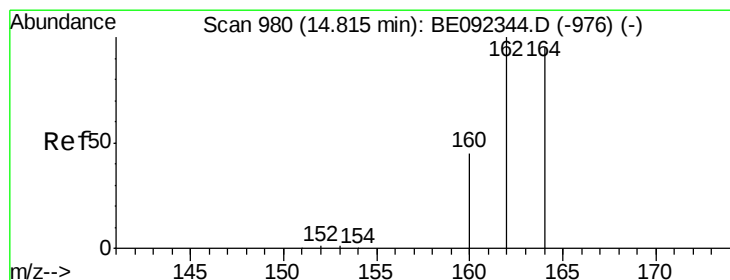
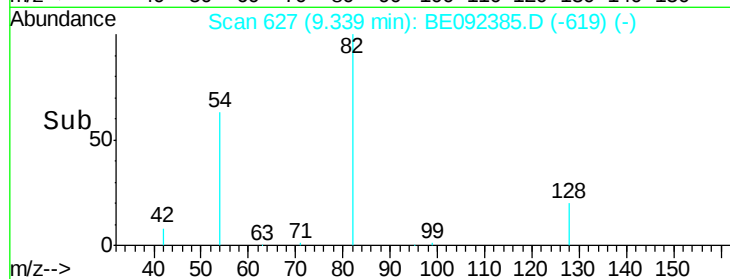
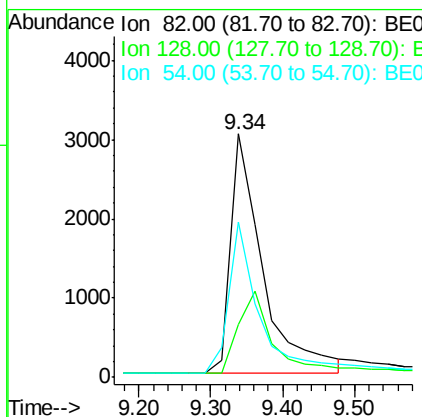
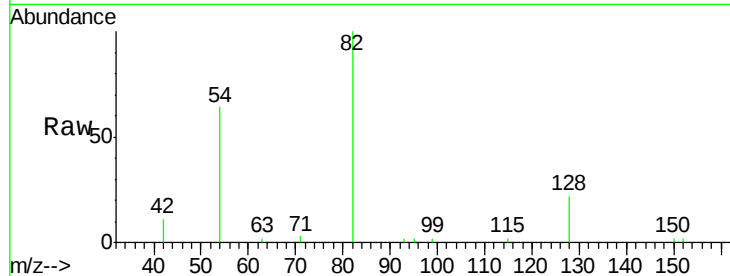




#8
 Nitrobenzene-d5
 Concen: 3.10 ng
 RT: 9.34 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BE092385.D
 Acq: 16 Sep 2016 10:18

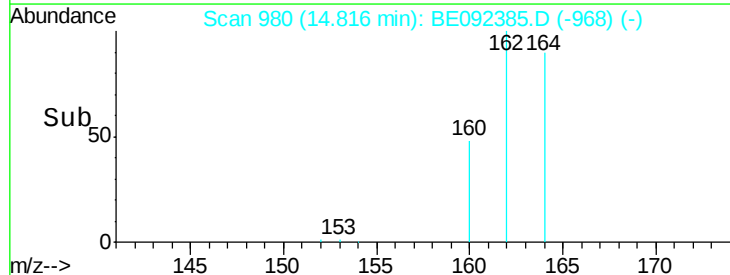
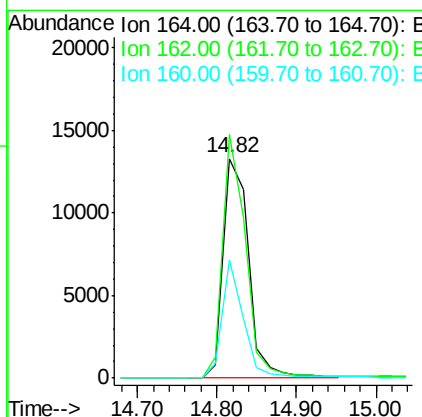
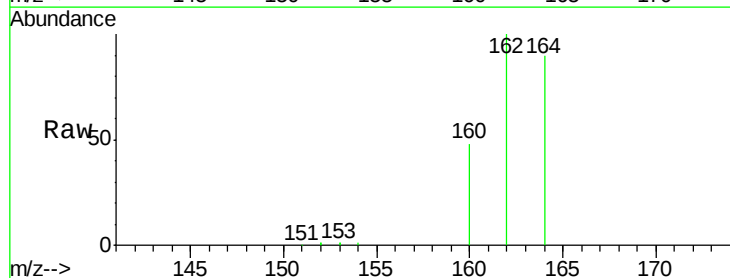
Instrument :
 BNA_E
 ClientSampleId :
 PB93386BL

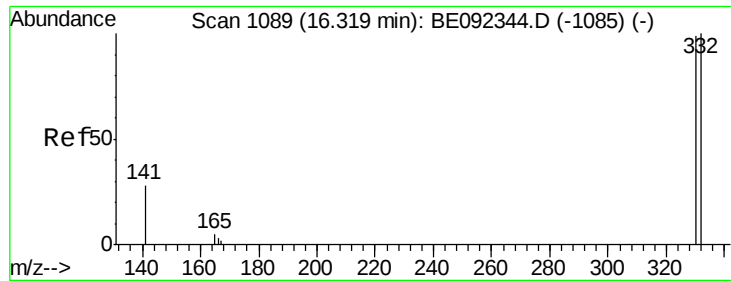
Tgt Ion: 82 Resp: 9399
 Ion Ratio Lower Upper
 82 100
 128 21.6 39.0 58.4#
 54 63.8 44.8 67.2



#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.82 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BE092385.D
 Acq: 16 Sep 2016 10:18

Tgt Ion: 164 Resp: 28978
 Ion Ratio Lower Upper
 164 100
 162 111.0 71.4 107.0#
 160 53.8 27.4 41.2#

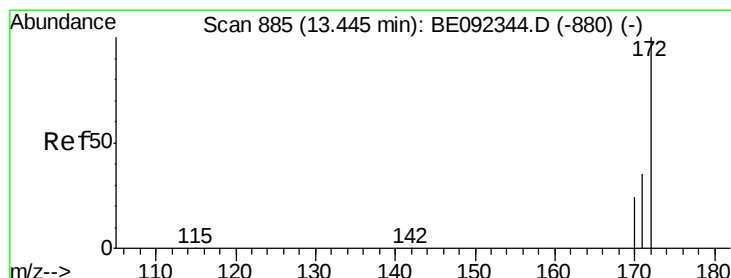
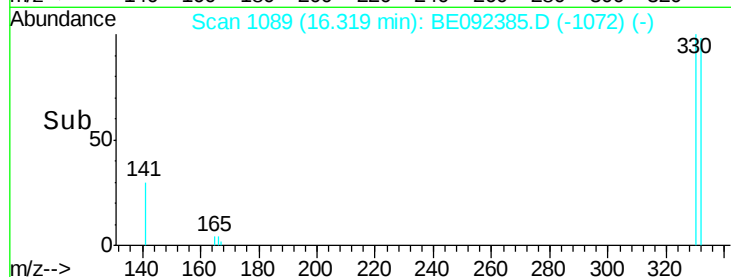
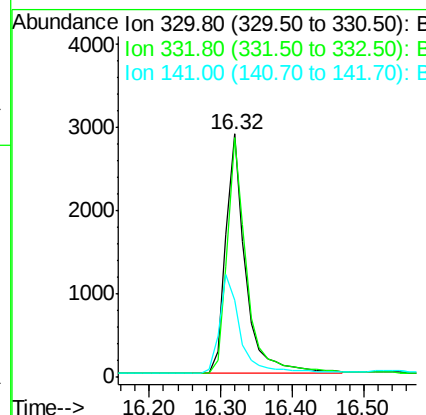
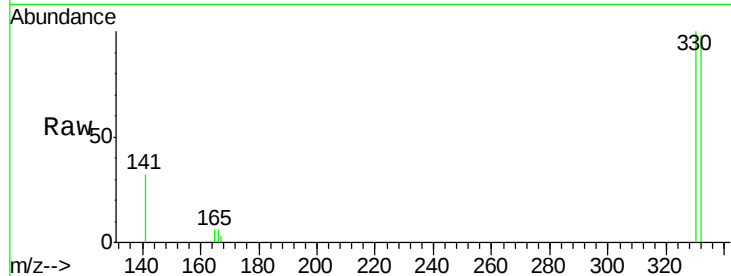




#13
 2,4,6-Tribromophenol
 Concen: 6.25 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092385.D
 Acq: 16 Sep 2016 10:18

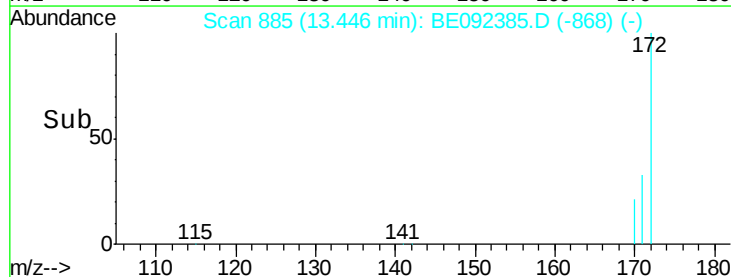
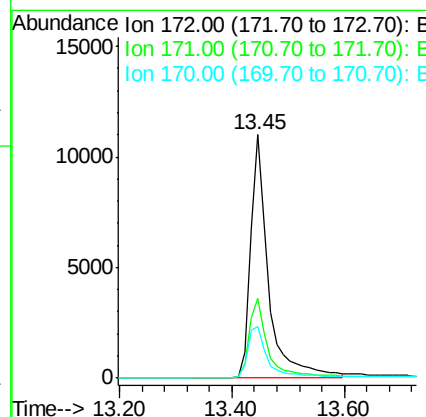
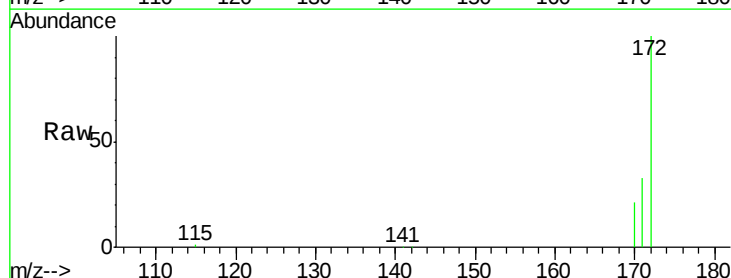
Instrument :
 BNA_E
 ClientSampleId :
 PB93386BL

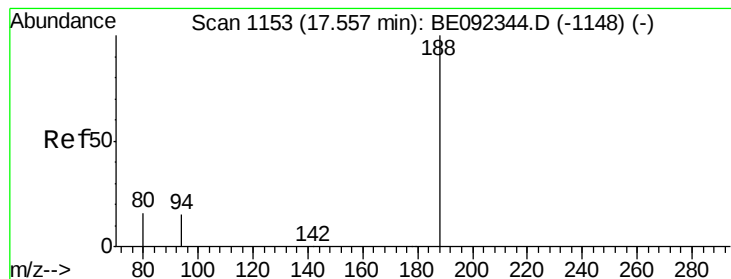
Tgt Ion: 330 Resp: 5611
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.4 113.0
 141 42.4 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 2.70 ng
 RT: 13.45 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BE092385.D
 Acq: 16 Sep 2016 10:18

Tgt Ion: 172 Resp: 24037
 Ion Ratio Lower Upper
 172 100
 171 32.9 30.1 45.1
 170 21.4 21.8 32.6#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092385.D

Acq: 16 Sep 2016 10:18

Instrument :

BNA_E

ClientSampleId :

PB93386BL

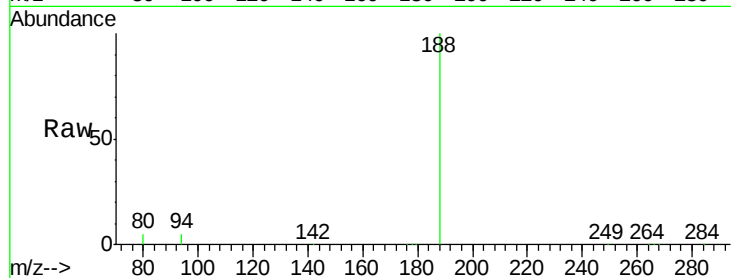
Tgt Ion:188 Resp: 61498

Ion Ratio Lower Upper

188 100

94 5.5 3.2 4.8#

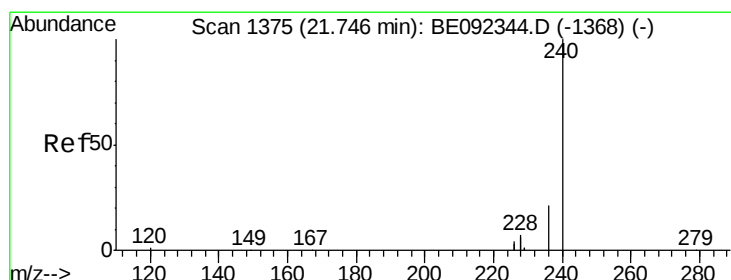
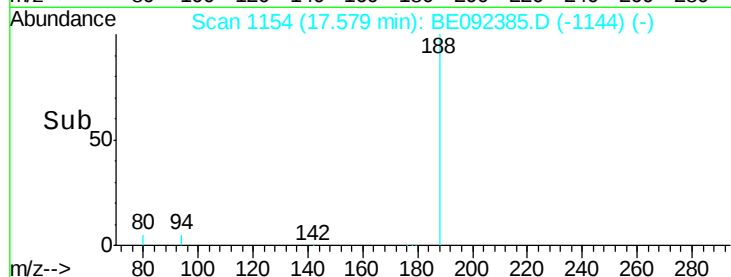
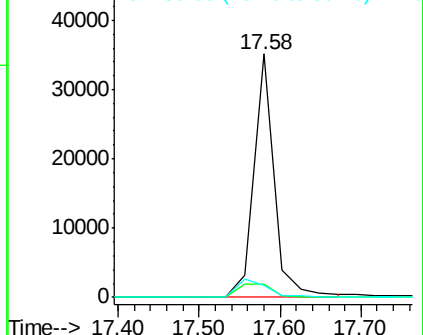
80 4.8 2.6 3.8#



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: BE092385.D

Acq: 16 Sep 2016 10:18

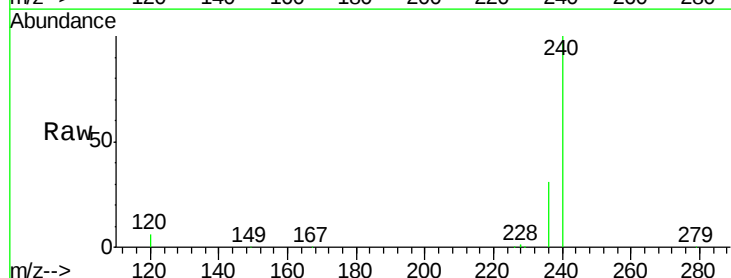
Tgt Ion:240 Resp: 77111

Ion Ratio Lower Upper

240 100

120 5.7 2.6 4.0#

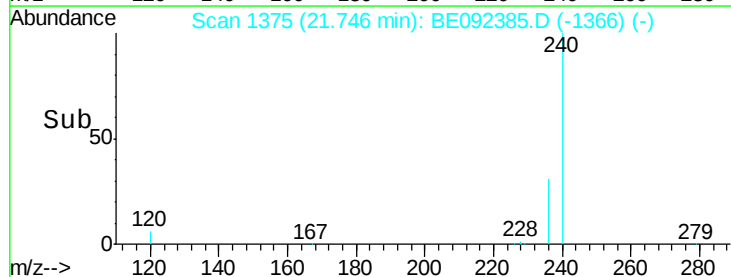
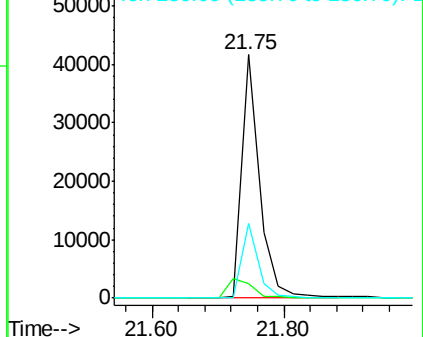
236 30.7 24.6 37.0

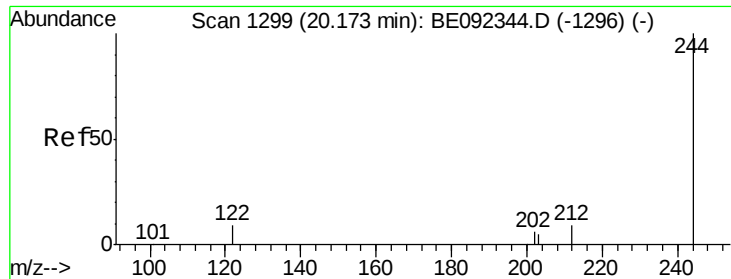


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

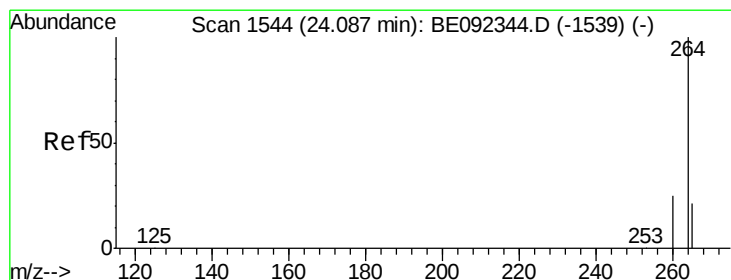
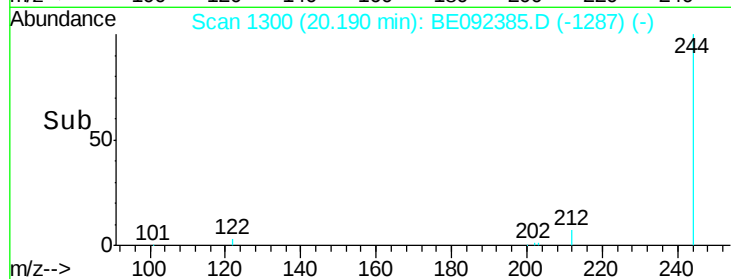
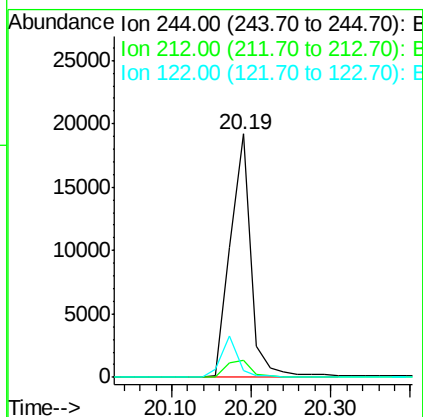
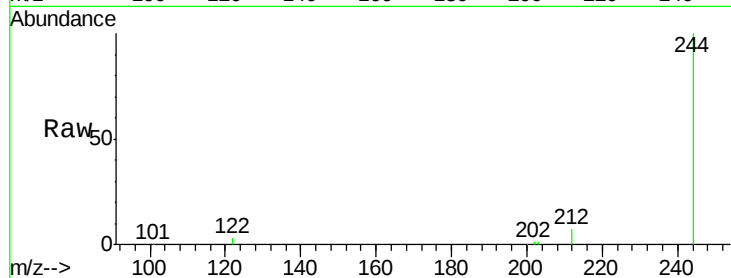




#26
 Terphenyl-d14
 Concen: 3.01 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.02 min
 Lab File: BE092385.D
 Acq: 16 Sep 2016 10:18

Instrument :
 BNA_E
 ClientSampleId :
 PB93386BL

Tgt Ion: 244 Resp: 34297
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.7 10.1
 122 2.8 3.6 5.4#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.12 min Scan# 1547
 Delta R.T. 0.04 min
 Lab File: BE092385.D
 Acq: 16 Sep 2016 10:18

Tgt Ion: 264 Resp: 80287
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.1 30.1
 265 21.8 17.9 26.9

