

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE031017\
 Data File : BE092812.D
 Acq On : 10 Mar 2017 17:58
 Operator : SJ/MA
 Sample : PB97503BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB97503BL

Quant Time: Mar 10 23:00:38 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 06 15:46:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	11777	5.00	ng	-0.02
7) Naphthalene-d8	10.88	136	45425	5.00	ng	-0.02
12) Acenaphthene-d10	14.76	164	22331	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	48915	5.00	ng	0.00
24) Chrysene-d12	21.70	240	55777	5.00	ng	0.00
31) Perylene-d12	24.02	264	62255	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	21246	8.53	ng	-0.03
5) Phenol-d6	7.27	99	23762	8.01	ng	-0.05
8) Nitrobenzene-d5	9.29	82	10580	3.81	ng	-0.02
13) 2,4,6-Tribromophenol	16.27	330	3468	5.90	ng	-0.01
14) 2-Fluorobiphenyl	13.39	172	25445	4.83	ng	-0.01
26) Terphenyl-d14	20.12	244	31279	4.65	ng	-0.02

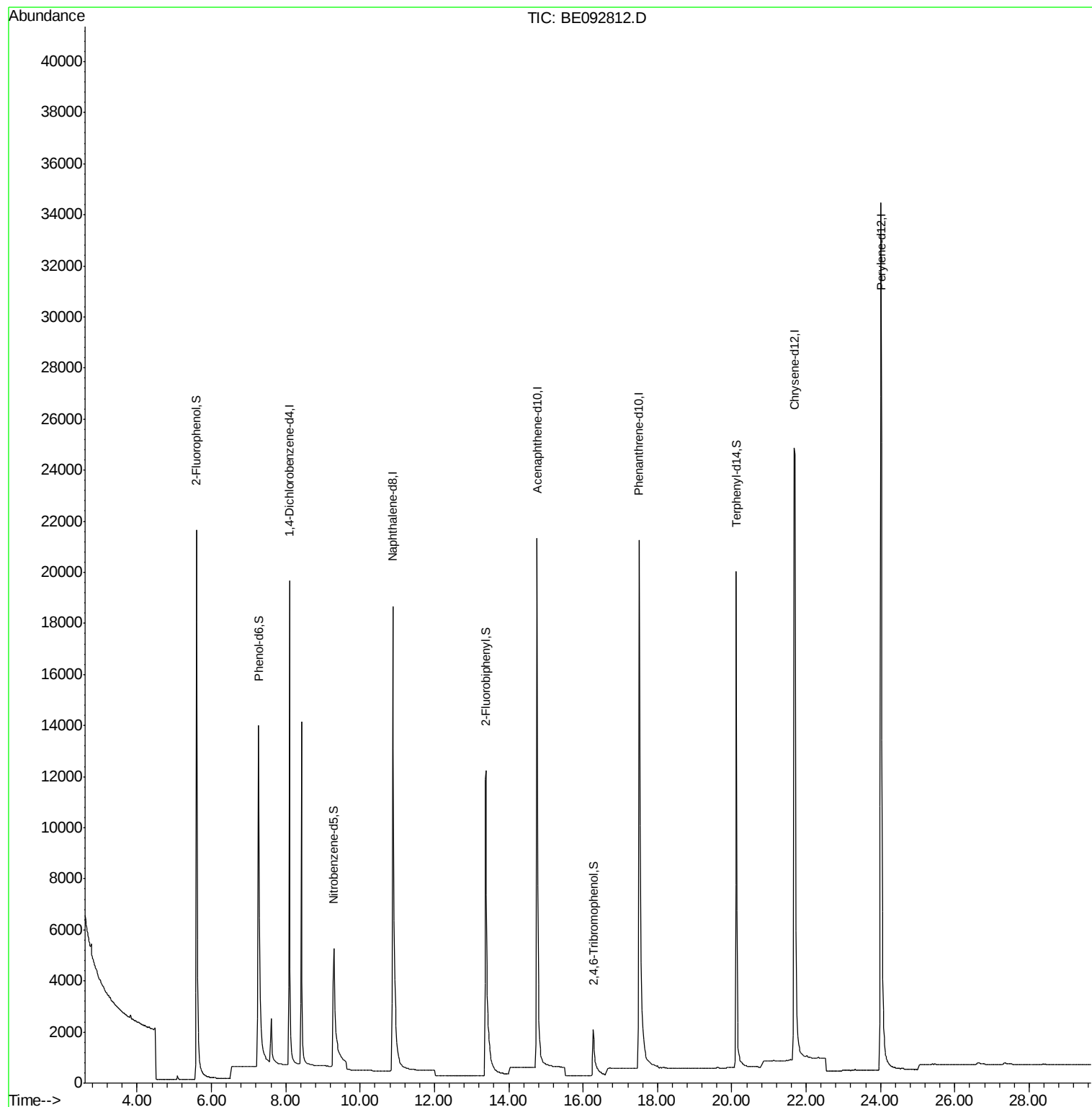
Target Compounds	Qvalue
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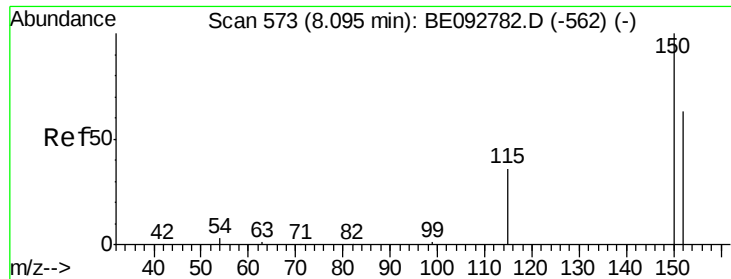
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.10 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092812.D

Acq: 10 Mar 2017 17:58

Instrument :

BNA_E

ClientSampleId :

PB97503BL

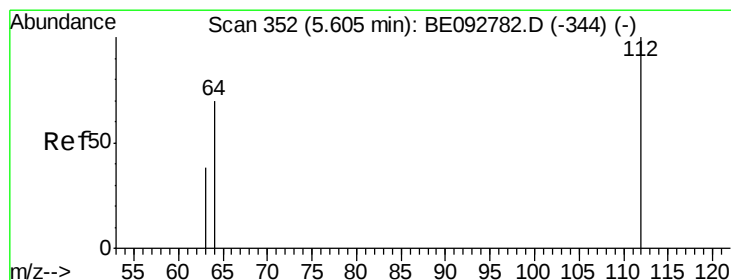
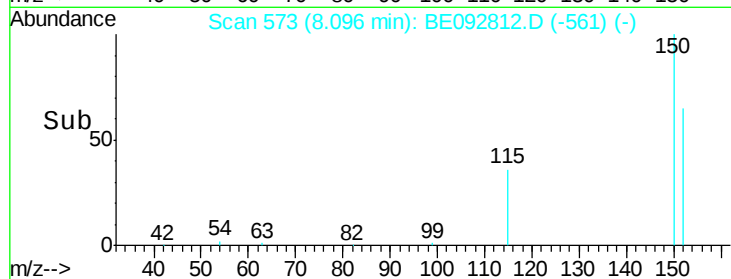
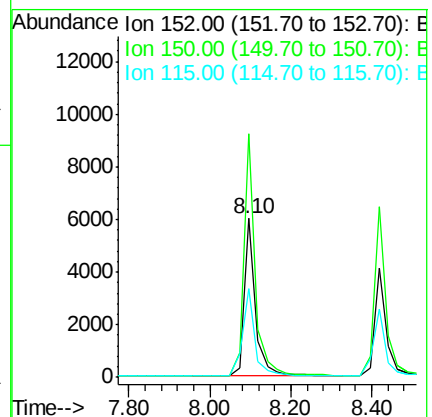
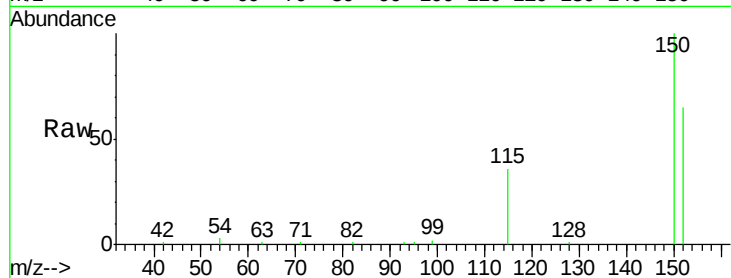
Tgt Ion:152 Resp: 11777

Ion Ratio Lower Upper

152 100

150 153.2 106.0 159.0

115 55.9 31.2 46.8#



#4

2-Fluorophenol

Concen: 8.53 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.03 min

Lab File: BE092812.D

Acq: 10 Mar 2017 17:58

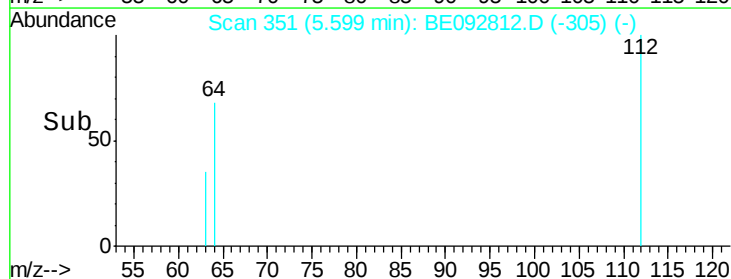
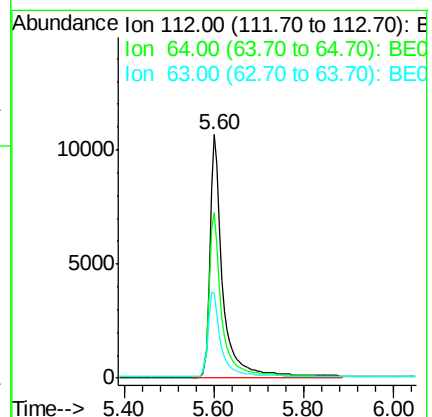
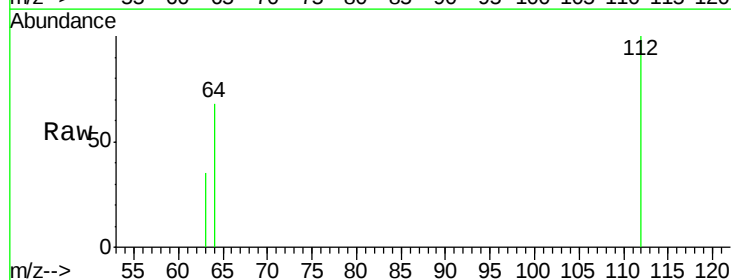
Tgt Ion:112 Resp: 21246

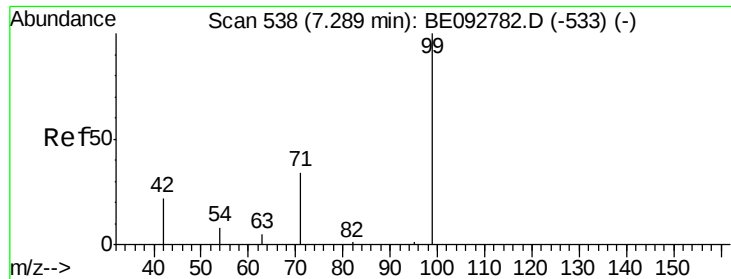
Ion Ratio Lower Upper

112 100

64 68.4 53.5 80.3

63 36.4 27.9 41.9





#5

Phenol-d6

Concen: 8.01 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.05 min

Lab File: BE092812.D

Acq: 10 Mar 2017 17:58

Instrument :

BNA_E

ClientSampleId :

PB97503BL

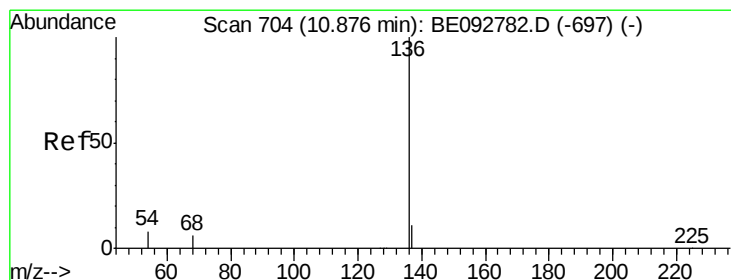
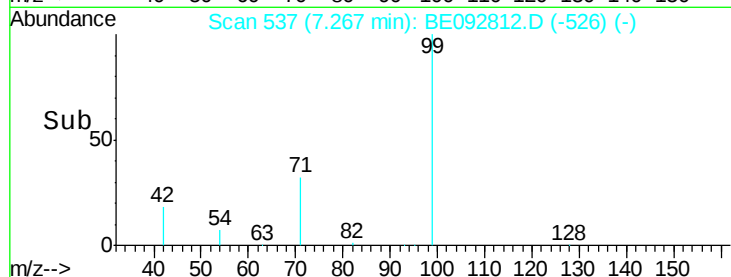
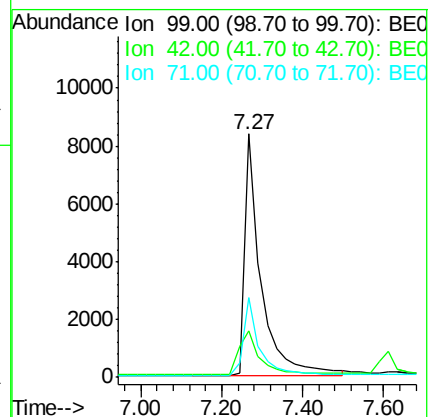
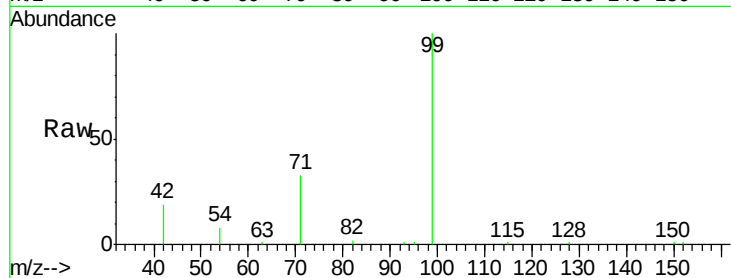
Tgt Ion: 99 Resp: 23762

Ion Ratio Lower Upper

99 100

42 23.6 16.0 24.0

71 32.7 30.6 45.8



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.88 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092812.D

Acq: 10 Mar 2017 17:58

Tgt Ion: 136 Resp: 45425

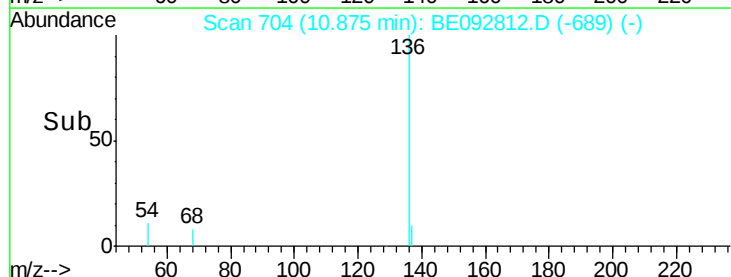
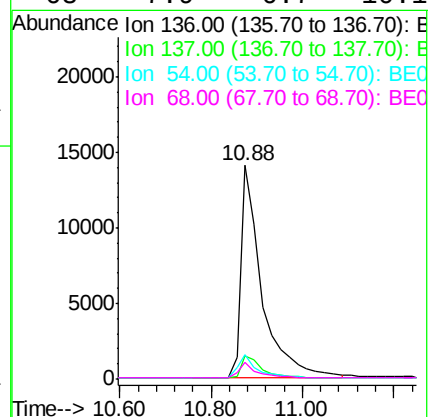
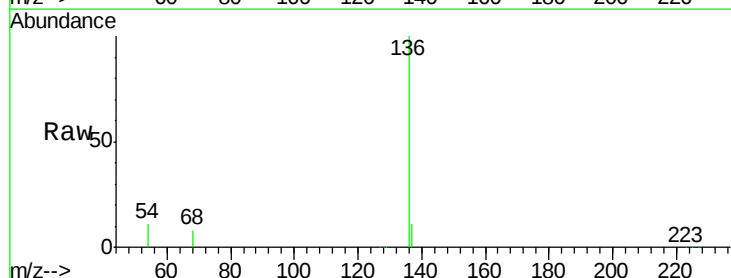
Ion Ratio Lower Upper

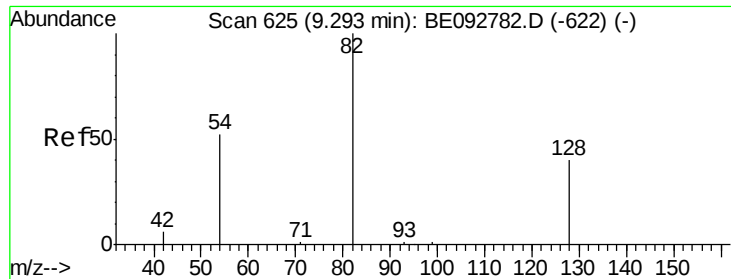
136 100

137 10.7 8.2 12.4

54 11.5 9.6 14.4

68 7.9 6.7 10.1

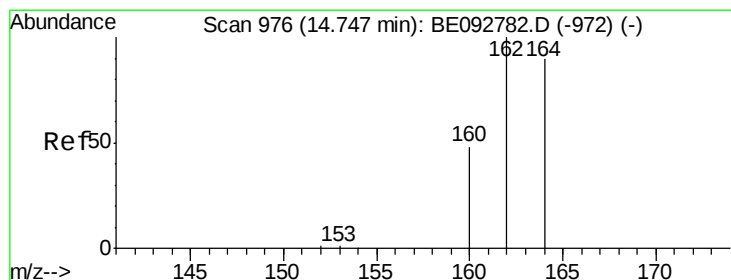
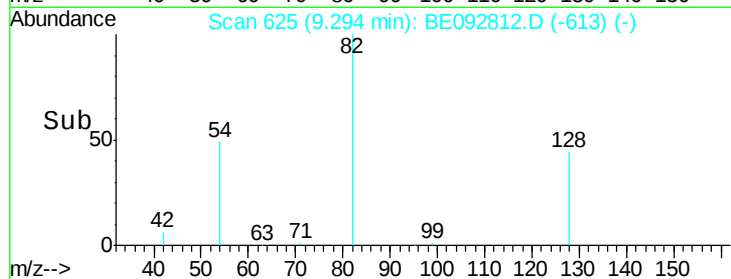
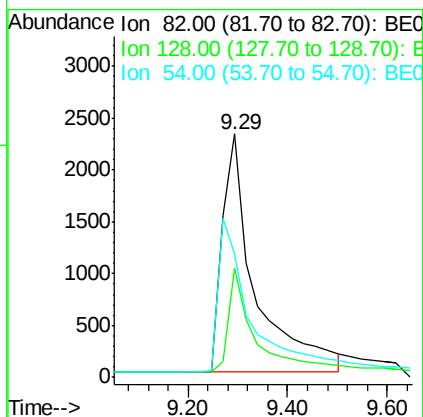
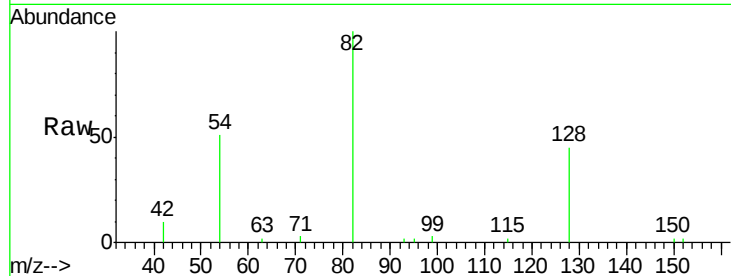




#8
 Nitrobenzene-d5
 Concen: 3.81 ng
 RT: 9.29 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BE092812.D
 Acq: 10 Mar 2017 17:58

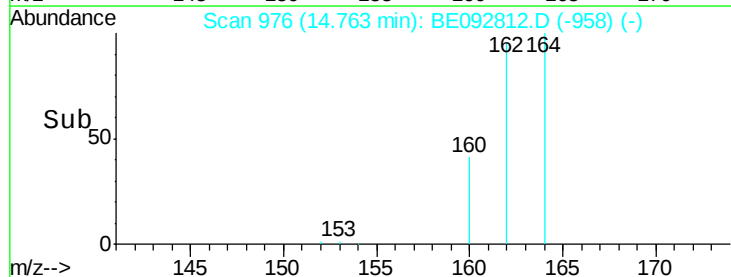
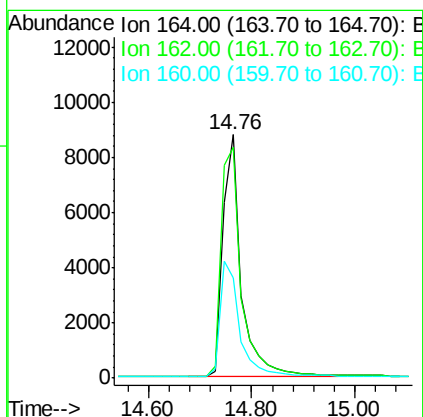
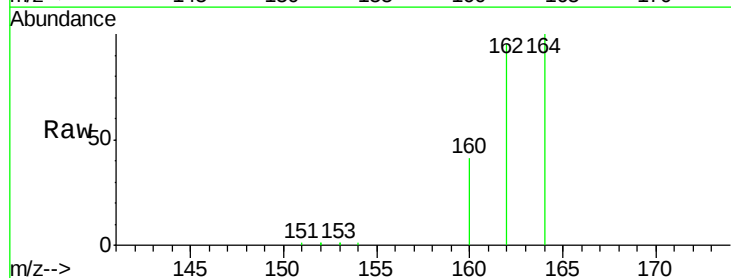
Instrument :
 BNA_E
 ClientSampleId :
 PB97503BL

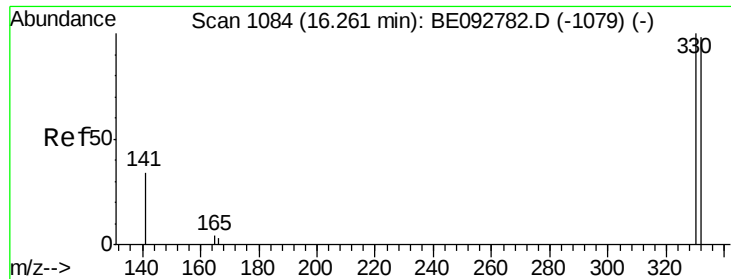
Tgt Ion: 82 Resp: 10580
 Ion Ratio Lower Upper
 82 100
 128 44.7 39.0 58.4
 54 50.6 44.8 67.2



#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.76 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BE092812.D
 Acq: 10 Mar 2017 17:58

Tgt Ion: 164 Resp: 22331
 Ion Ratio Lower Upper
 164 100
 162 94.9 71.4 107.0
 160 41.2 27.4 41.2#

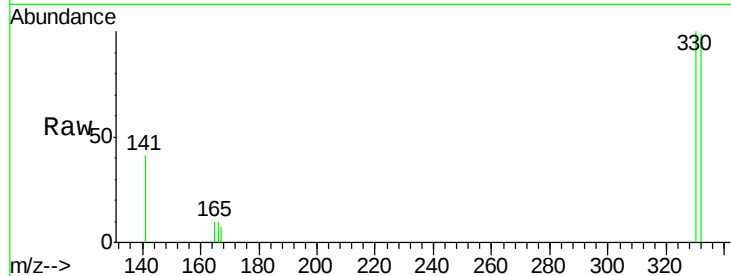




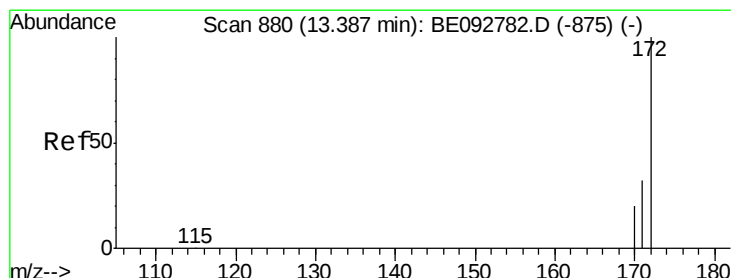
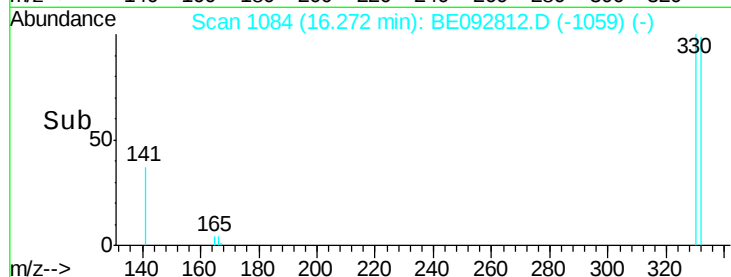
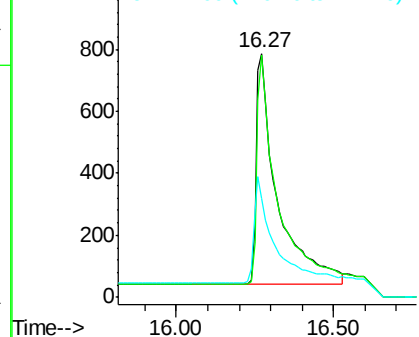
#13
 2,4,6-Tribromophenol
 Concen: 5.90 ng
 RT: 16.27 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BE092812.D
 Acq: 10 Mar 2017 17:58

Instrument :
 BNA_E
 ClientSampleId :
 PB97503BL

Tgt Ion: 330 Resp: 3468
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.4 113.0
 141 45.4 31.0 46.6

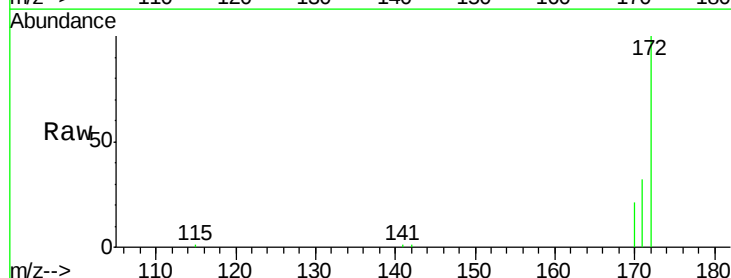


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

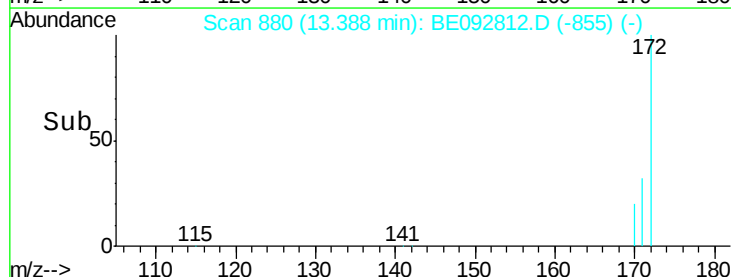
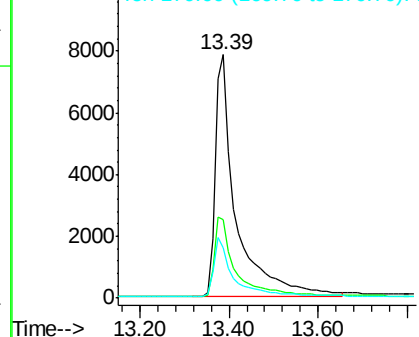


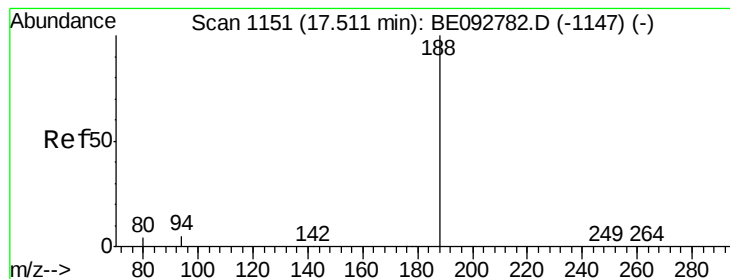
#14
 2-Fluorobiphenyl
 Concen: 4.83 ng
 RT: 13.39 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BE092812.D
 Acq: 10 Mar 2017 17:58

Tgt Ion: 172 Resp: 25445
 Ion Ratio Lower Upper
 172 100
 171 32.3 30.1 45.1
 170 20.7 21.8 32.6#



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





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.51 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE092812.D

Acq: 10 Mar 2017 17:58

Instrument :

BNA_E

ClientSampleId :

PB97503BL

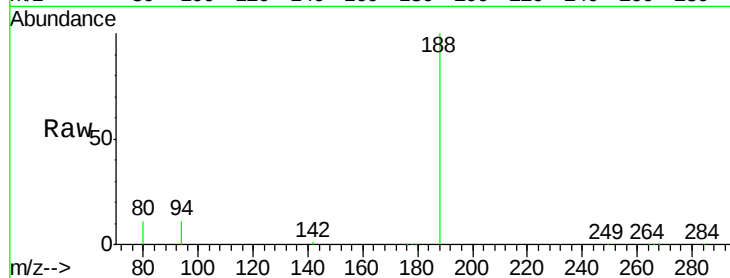
Tgt Ion:188 Resp: 48915

Ion Ratio Lower Upper

188 100

94 10.6 3.2 4.8#

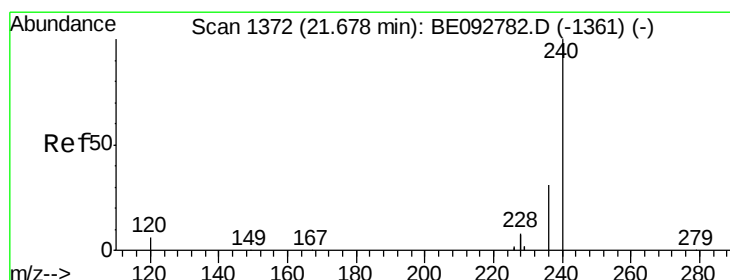
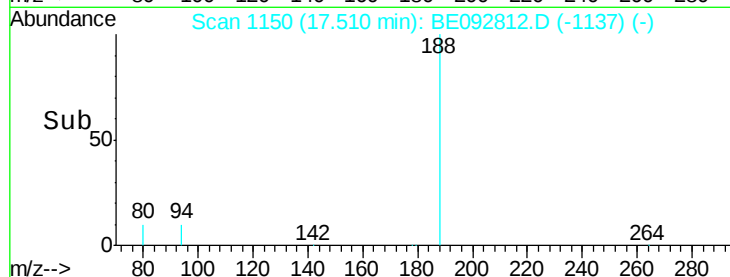
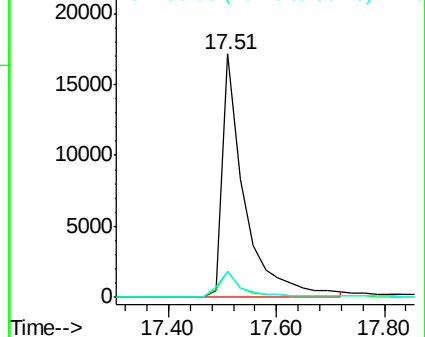
80 10.6 2.6 3.8#



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: 21.70 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BE092812.D

Acq: 10 Mar 2017 17:58

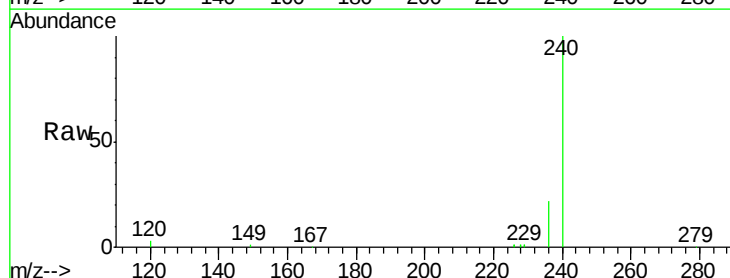
Tgt Ion:240 Resp: 55777

Ion Ratio Lower Upper

240 100

120 3.5 2.6 4.0

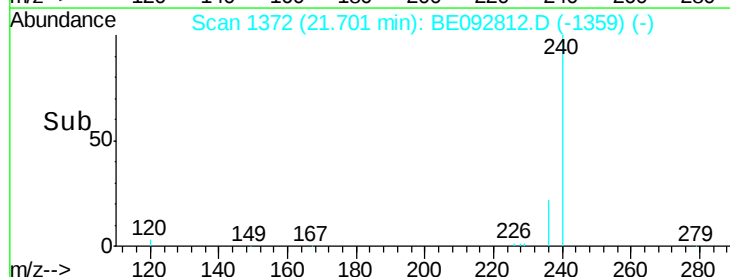
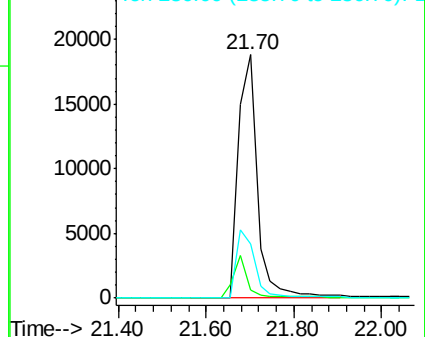
236 22.2 24.6 37.0#

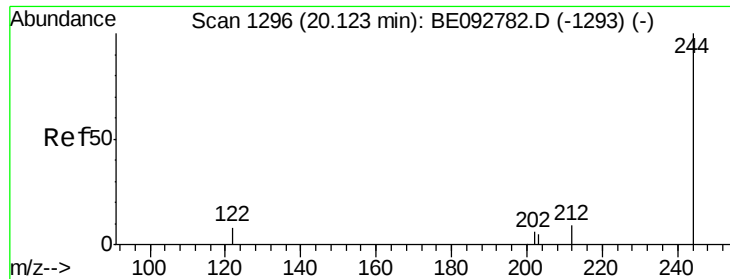


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 4.65 ng

RT: 20.12 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BE092812.D

Acq: 10 Mar 2017 17:58

Instrument :

BNA_E

ClientSampleId :

PB97503BL

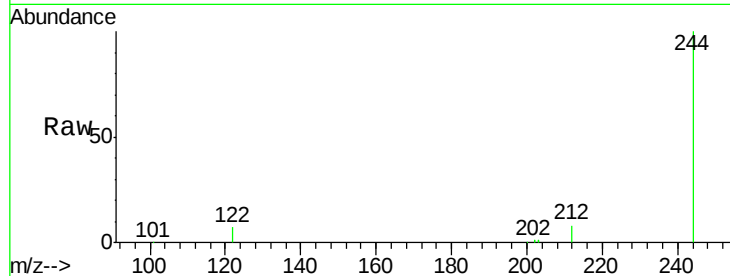
Tgt Ion:244 Resp: 31279

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

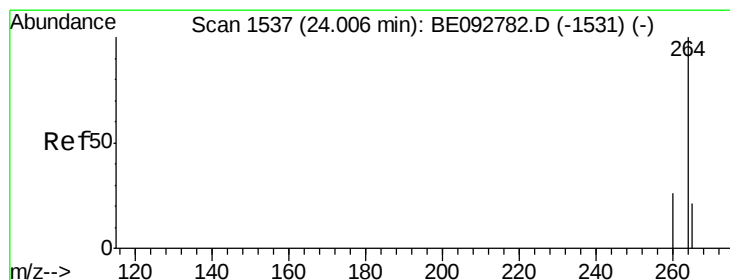
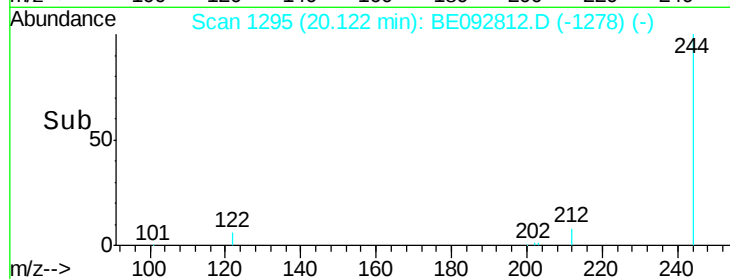
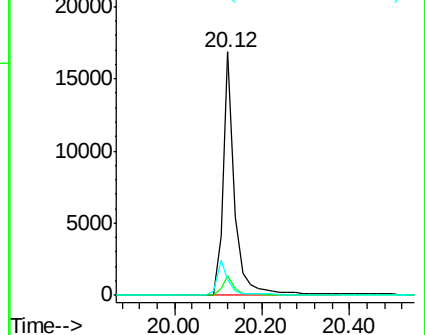
122 6.6 3.6 5.4#



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



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.02 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BE092812.D

Acq: 10 Mar 2017 17:58

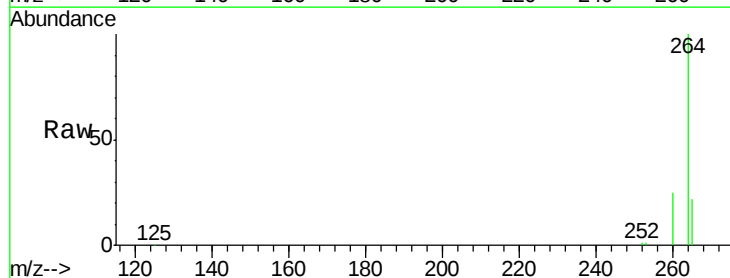
Tgt Ion:264 Resp: 62255

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

265 22.1 17.9 26.9



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

