

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081016\
 Data File : BE092246.D
 Acq On : 10 Aug 2016 9:52
 Operator : UM/SJ
 Sample : PB92747BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92747BL

Quant Time: Aug 10 18:56:46 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 11:12:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	13401	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	54638	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	27875	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	64334	5.00	ng	0.00
24) Chrysene-d12	21.73	240	69320	5.00	ng	-0.02
31) Perylene-d12	24.13	264	81872	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	21832	7.45	ng	-0.01
5) Phenol-d6	7.34	99	25563	6.06	ng	-0.02
8) Nitrobenzene-d5	9.34	82	11573	3.00	ng	-0.02
13) 2,4,6-Tribromophenol	16.33	330	4592	4.33	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	26415	3.07	ng	-0.01
26) Terphenyl-d14	20.19	244	34415	2.94	ng	0.00

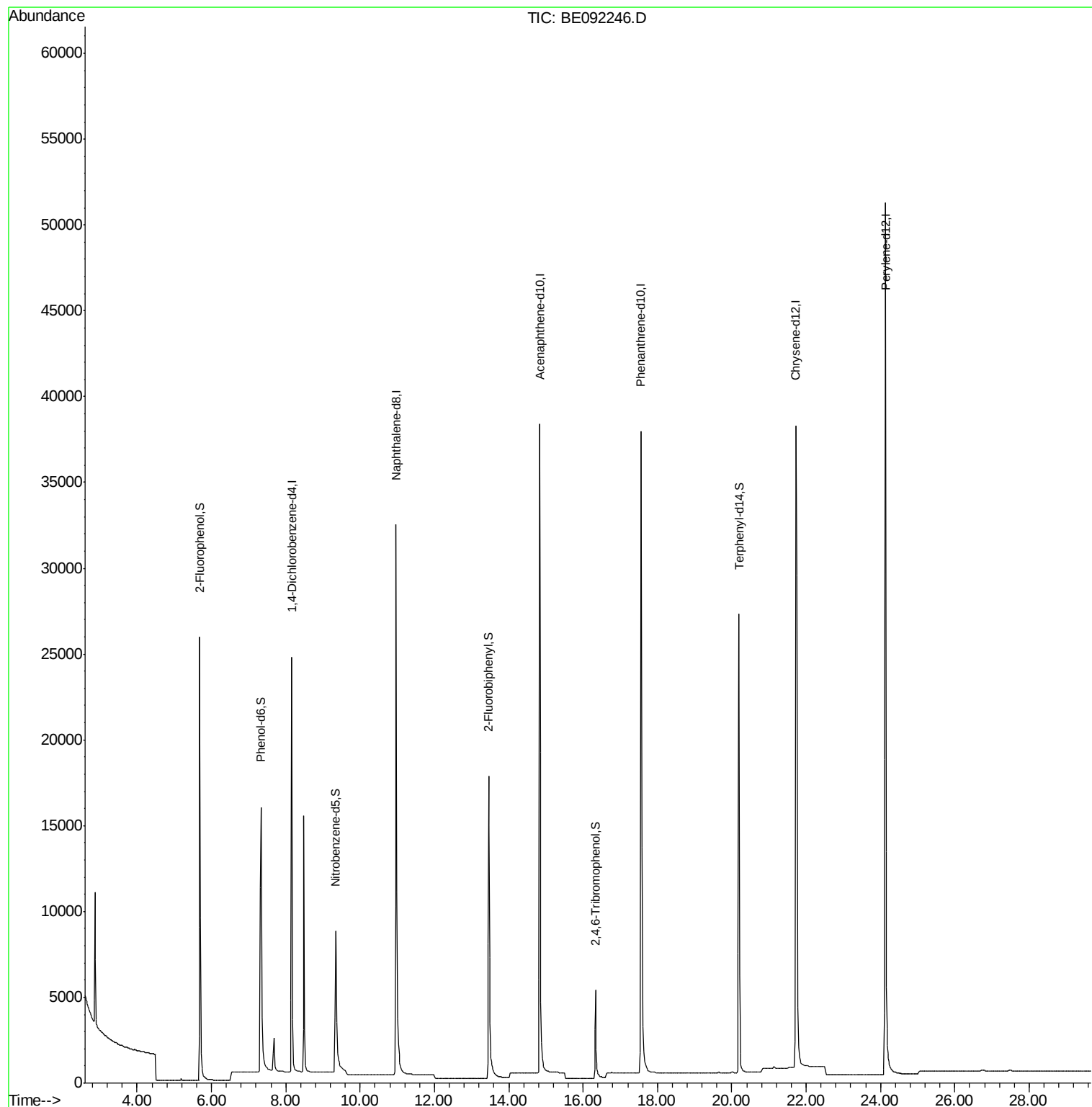
Target Compounds	Qvalue
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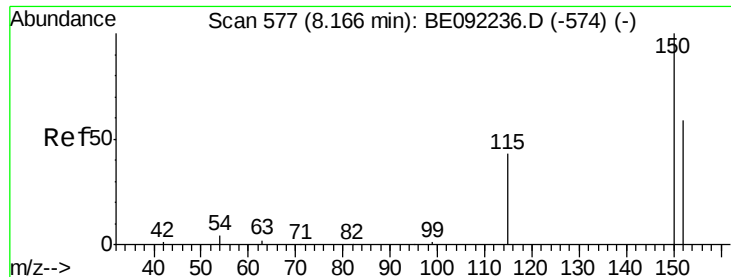
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE092246.D

Acq: 10 Aug 2016 9:52

Instrument :

BNA_E

ClientSampleId :

PB92747BL

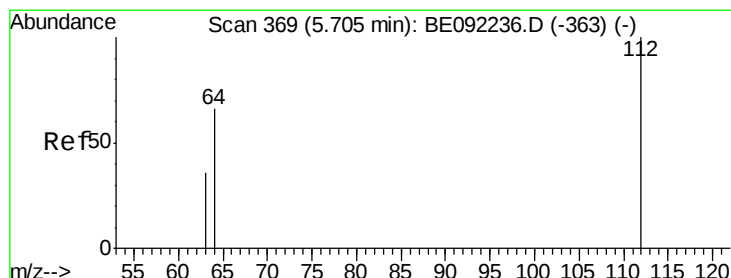
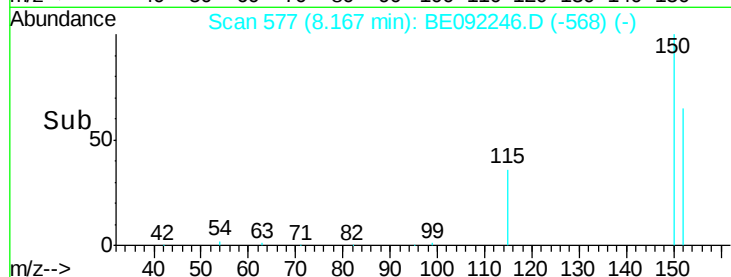
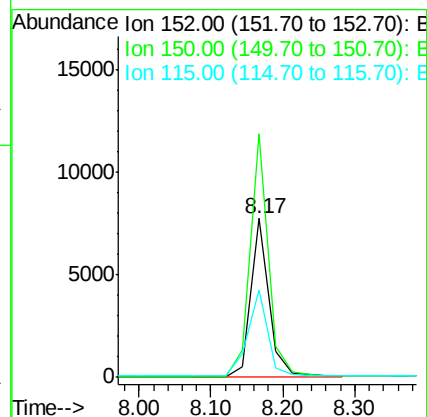
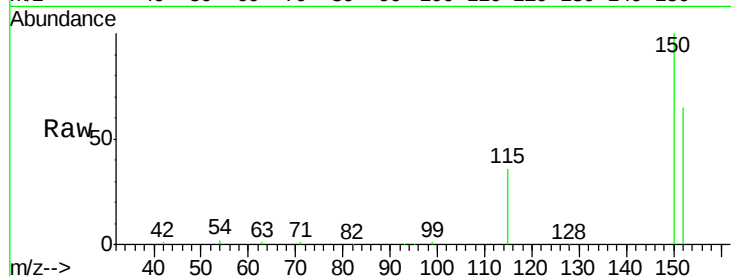
Tgt Ion:152 Resp: 13401

Ion Ratio Lower Upper

152 100

150 153.2 135.6 203.4

115 55.2 59.4 89.0#



#4

2-Fluorophenol

Concen: 7.45 ng

RT: 5.69 min Scan# 367

Delta R.T. -0.01 min

Lab File: BE092246.D

Acq: 10 Aug 2016 9:52

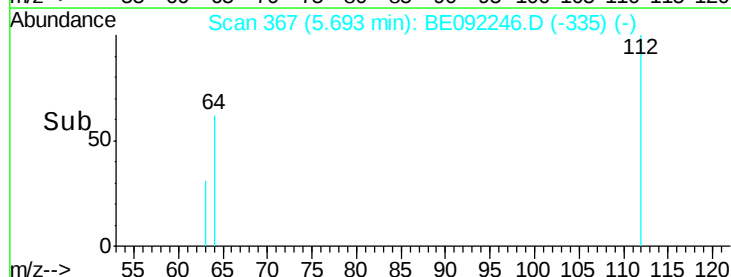
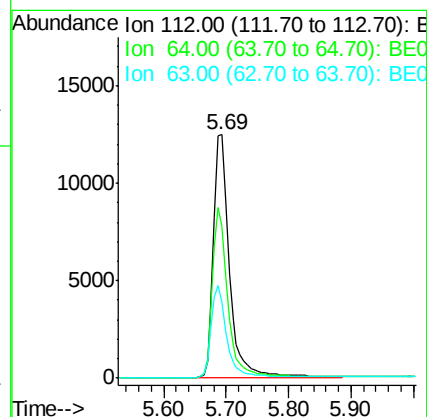
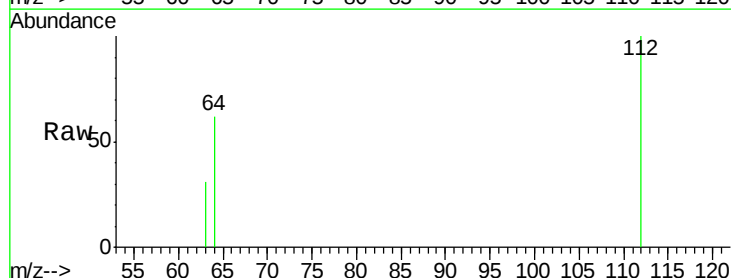
Tgt Ion:112 Resp: 21832

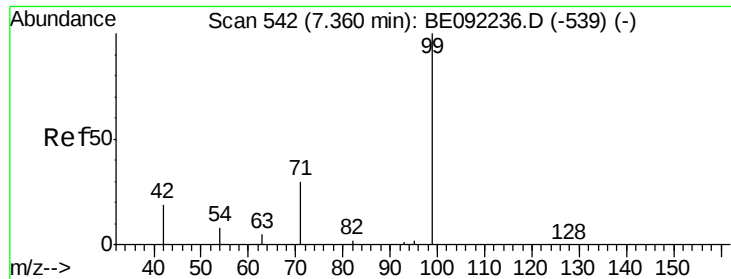
Ion Ratio Lower Upper

112 100

64 67.1 53.2 79.8

63 36.6 27.4 41.2





#5

Phenol-d6

Concen: 6.06 ng

RT: 7.34 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092246.D

Acq: 10 Aug 2016 9:52

Instrument :

BNA_E

ClientSampleId :

PB92747BL

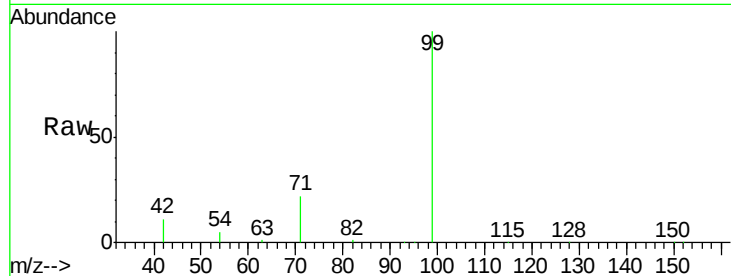
Tgt Ion: 99 Resp: 25563

Ion Ratio Lower Upper

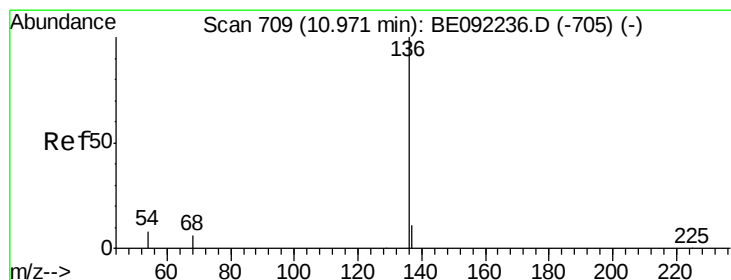
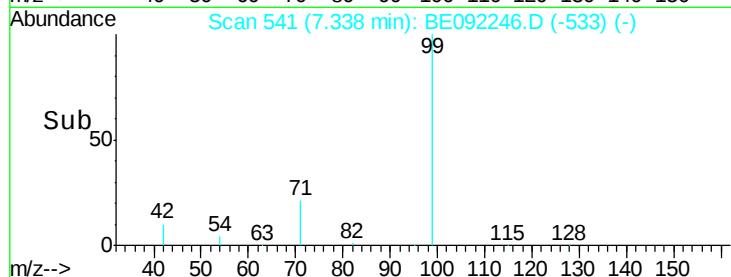
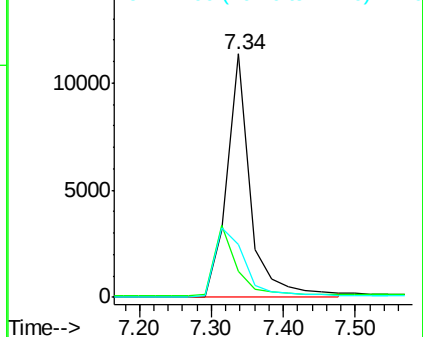
99 100

42 0.0 0.0 0.0

71 0.0 29.8 44.8#



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: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092246.D

Acq: 10 Aug 2016 9:52

Tgt Ion: 136 Resp: 54638

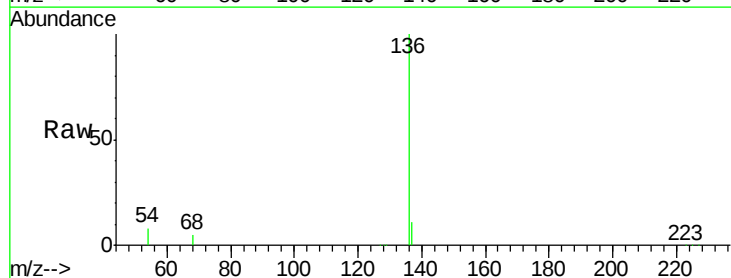
Ion Ratio Lower Upper

136 100

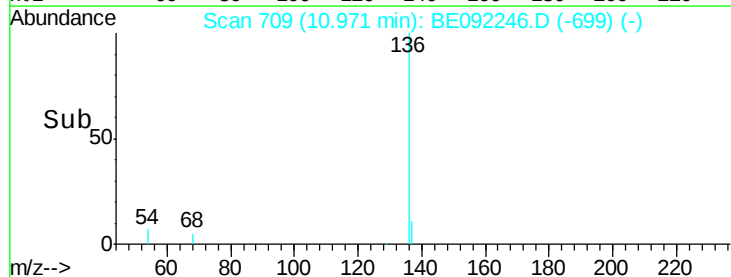
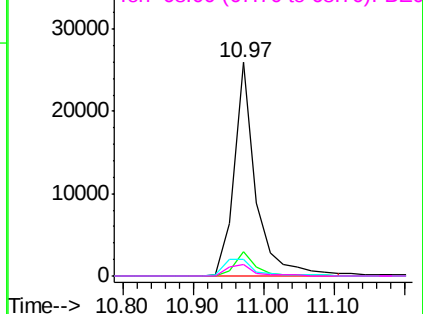
137 11.2 8.8 13.2

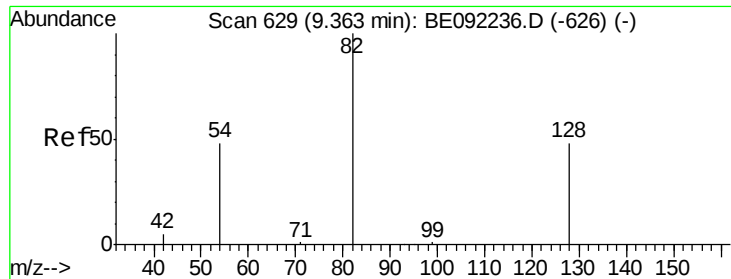
54 7.7 6.2 9.4

68 5.5 4.6 6.8



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

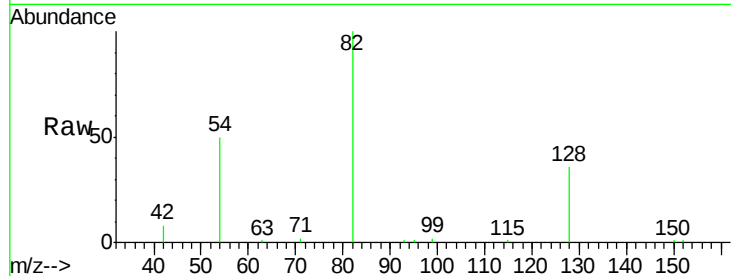




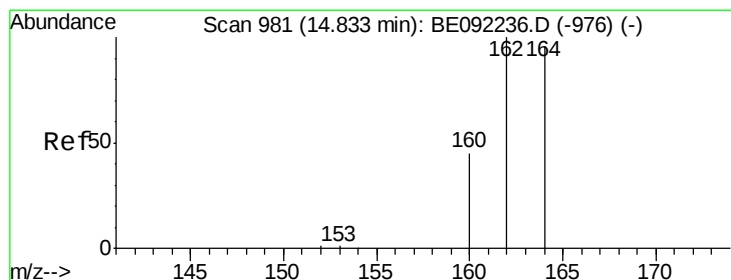
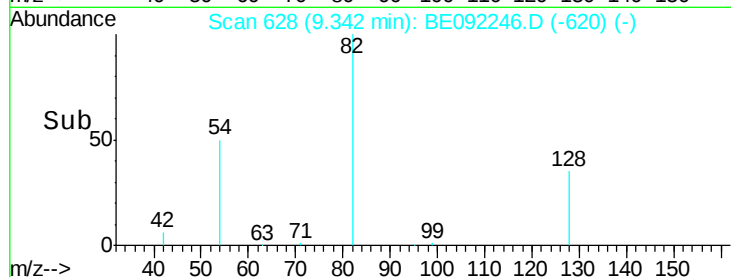
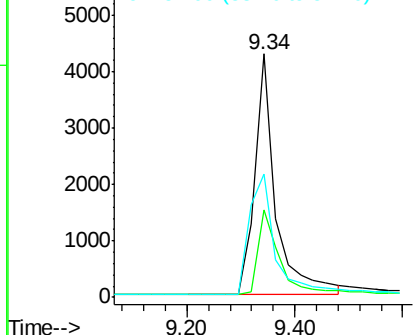
#8
 Nitrobenzene-d5
 Concen: 3.00 ng
 RT: 9.34 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BE092246.D
 Acq: 10 Aug 2016 9:52

Instrument :
 BNA_E
 ClientSampleId :
 PB92747BL

Tgt Ion: 82 Resp: 11573
 Ion Ratio Lower Upper
 82 100
 128 36.1 45.0 67.4#
 54 50.4 45.4 68.2

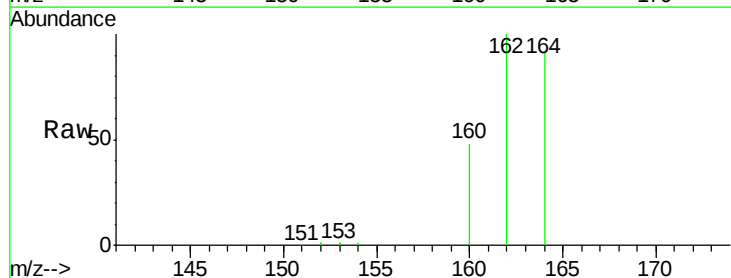


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

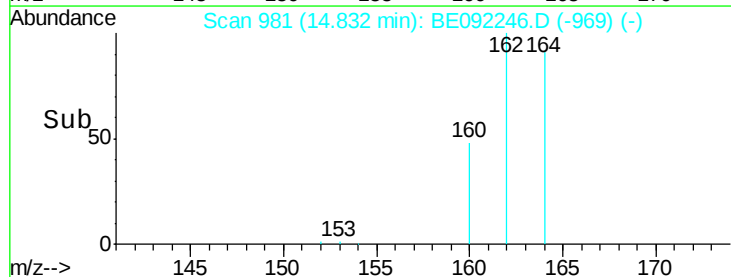
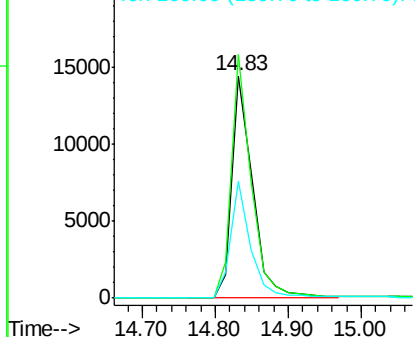


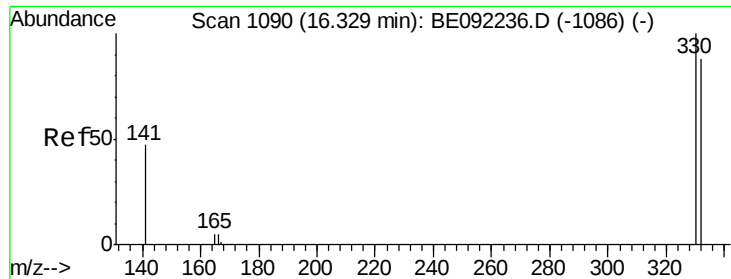
#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.83 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BE092246.D
 Acq: 10 Aug 2016 9:52

Tgt Ion: 164 Resp: 27875
 Ion Ratio Lower Upper
 164 100
 162 109.7 83.3 124.9
 160 52.7 38.0 57.0



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

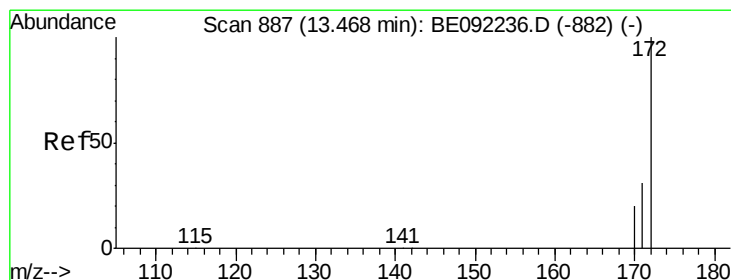
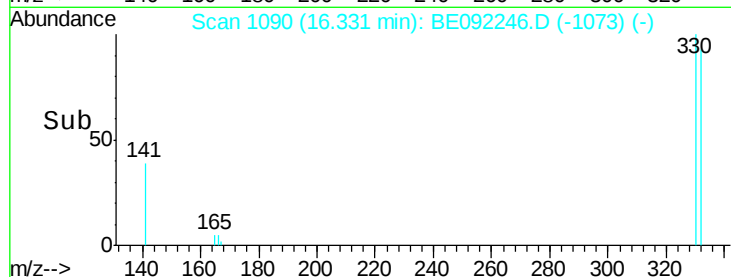
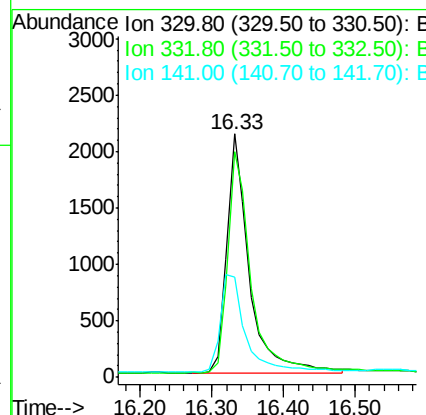
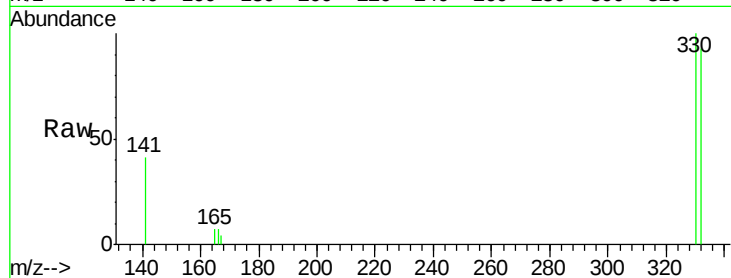




#13
 2,4,6-Tribromophenol
 Concen: 4.33 ng
 RT: 16.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BE092246.D
 Acq: 10 Aug 2016 9:52

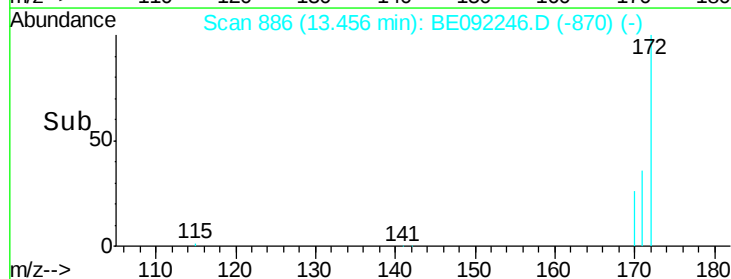
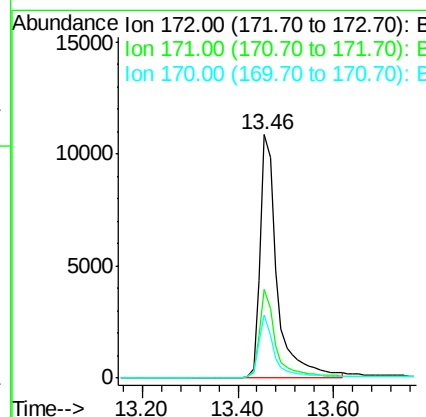
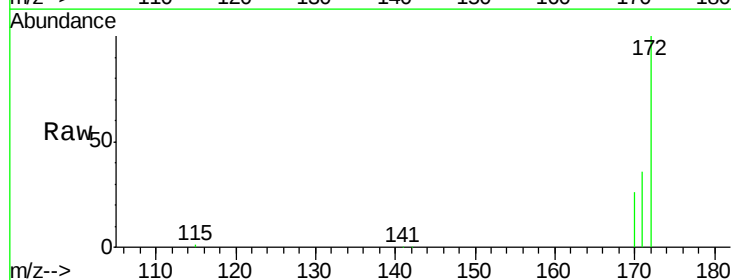
Instrument :
 BNA_E
 ClientSampleId :
 PB92747BL

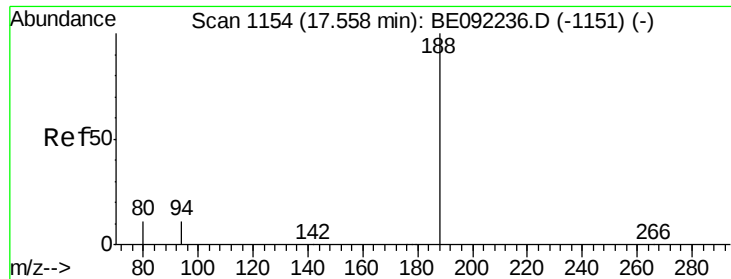
Tgt Ion: 330 Resp: 4592
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.0
 141 45.8 37.7 56.5



#14
 2-Fluorobiphenyl
 Concen: 3.07 ng
 RT: 13.46 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BE092246.D
 Acq: 10 Aug 2016 9:52

Tgt Ion: 172 Resp: 26415
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.8 40.2
 170 26.2 17.8 26.6

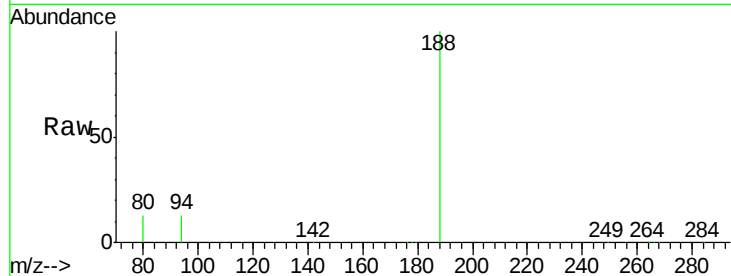




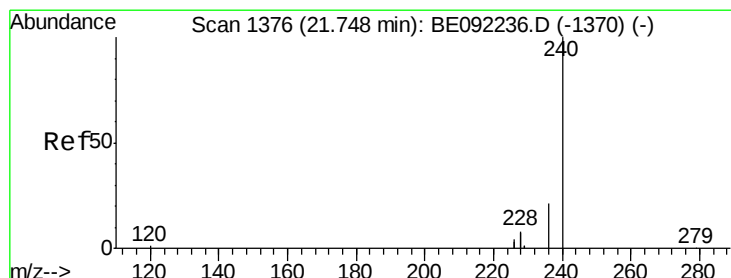
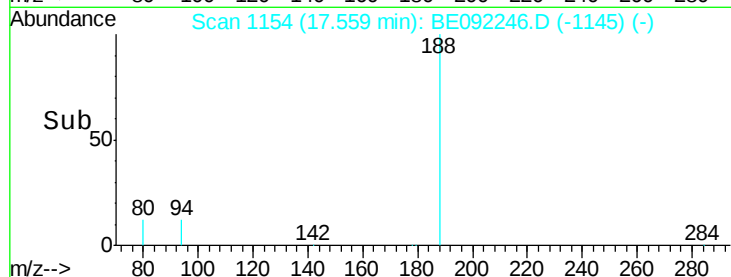
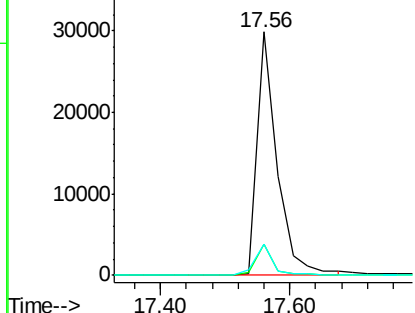
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092246.D
Acq: 10 Aug 2016 9:52

Instrument :
BNA_E
ClientSampleId :
PB92747BL

Tgt Ion:188 Resp: 64334
Ion Ratio Lower Upper
188 100
94 12.6 9.2 13.8
80 12.7 9.1 13.7

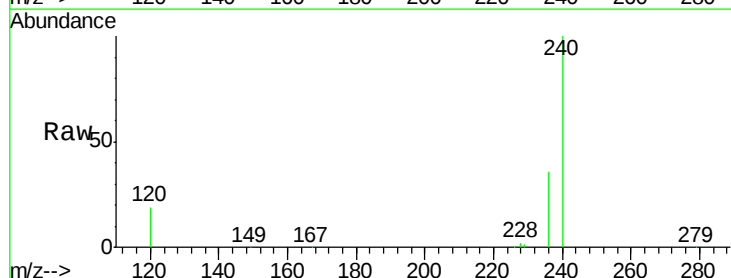


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

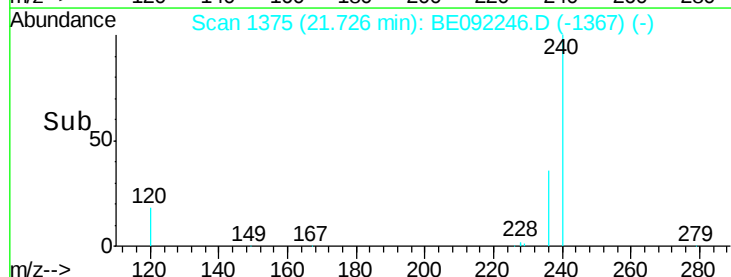
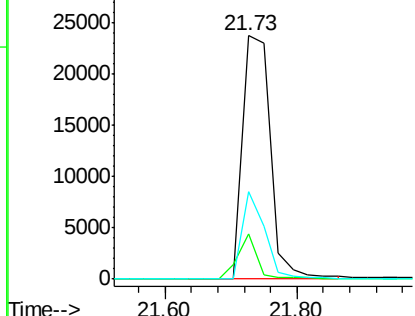


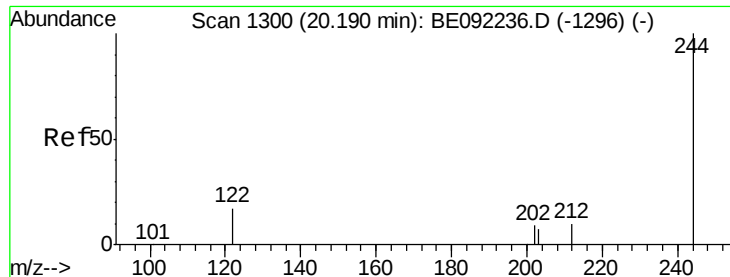
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.73 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BE092246.D
Acq: 10 Aug 2016 9:52

Tgt Ion:240 Resp: 69320
Ion Ratio Lower Upper
240 100
120 18.7 1.2 1.8#
236 36.0 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

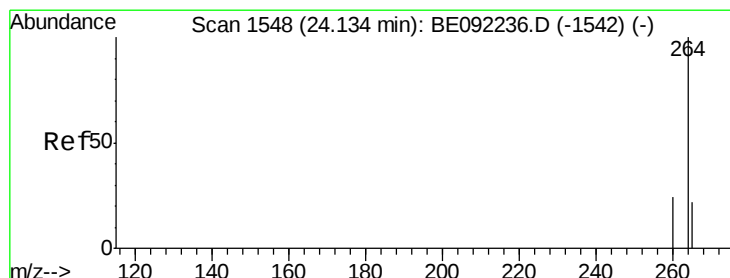
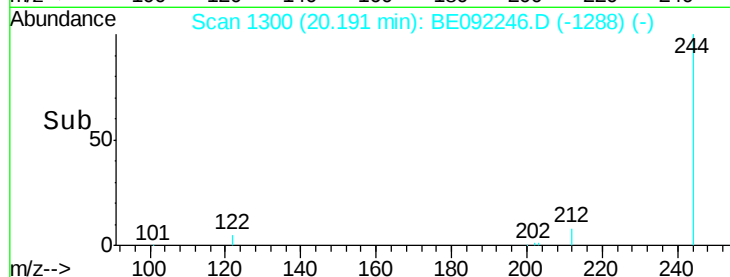
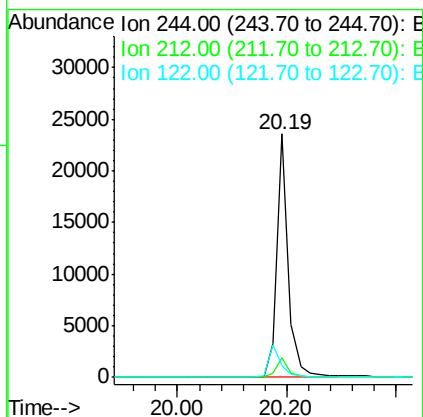
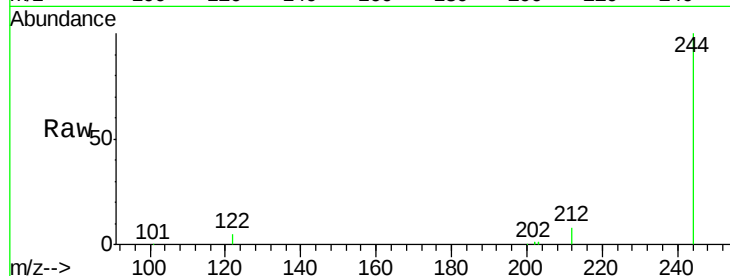




#26
 Terphenyl-d14
 Concen: 2.94 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BE092246.D
 Acq: 10 Aug 2016 9:52

Instrument :
 BNA_E
 ClientSampleId :
 PB92747BL

Tgt Ion: 244 Resp: 34415
 Ion Ratio Lower Upper
 244 100
 212 8.1 10.2 15.2#
 122 4.8 15.9 23.9#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.13 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BE092246.D
 Acq: 10 Aug 2016 9:52

Tgt Ion: 264 Resp: 81872
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.2 18.2 27.4

