

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021517\
 Data File : BE092743.D
 Acq On : 15 Feb 2017 21:15
 Operator : SJ/MA
 Sample : I1788-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB-021017

Quant Time: Feb 16 06:09:38 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE021517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 17:05:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	9955	5.00	ng	0.00
7) Naphthalene-d8	10.89	136	43866	5.00	ng	0.00
12) Acenaphthene-d10	14.77	164	26196	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	51979	5.00	ng	0.00
24) Chrysene-d12	21.70	240	65167	5.00	ng	0.00
31) Perylene-d12	24.03	264	62062	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.61	112	15557	8.03	ng	-0.03
5) Phenol-d6	7.29	99	12160	5.12	ng	-0.02
8) Nitrobenzene-d5	9.29	82	14881	5.02	ng	-0.02
13) 2,4,6-Tribromophenol	16.26	330	7164	12.89	ng	-0.02
14) 2-Fluorobiphenyl	13.38	172	34004	5.32	ng	-0.02
26) Terphenyl-d14	20.12	244	45844	5.51	ng	-0.02

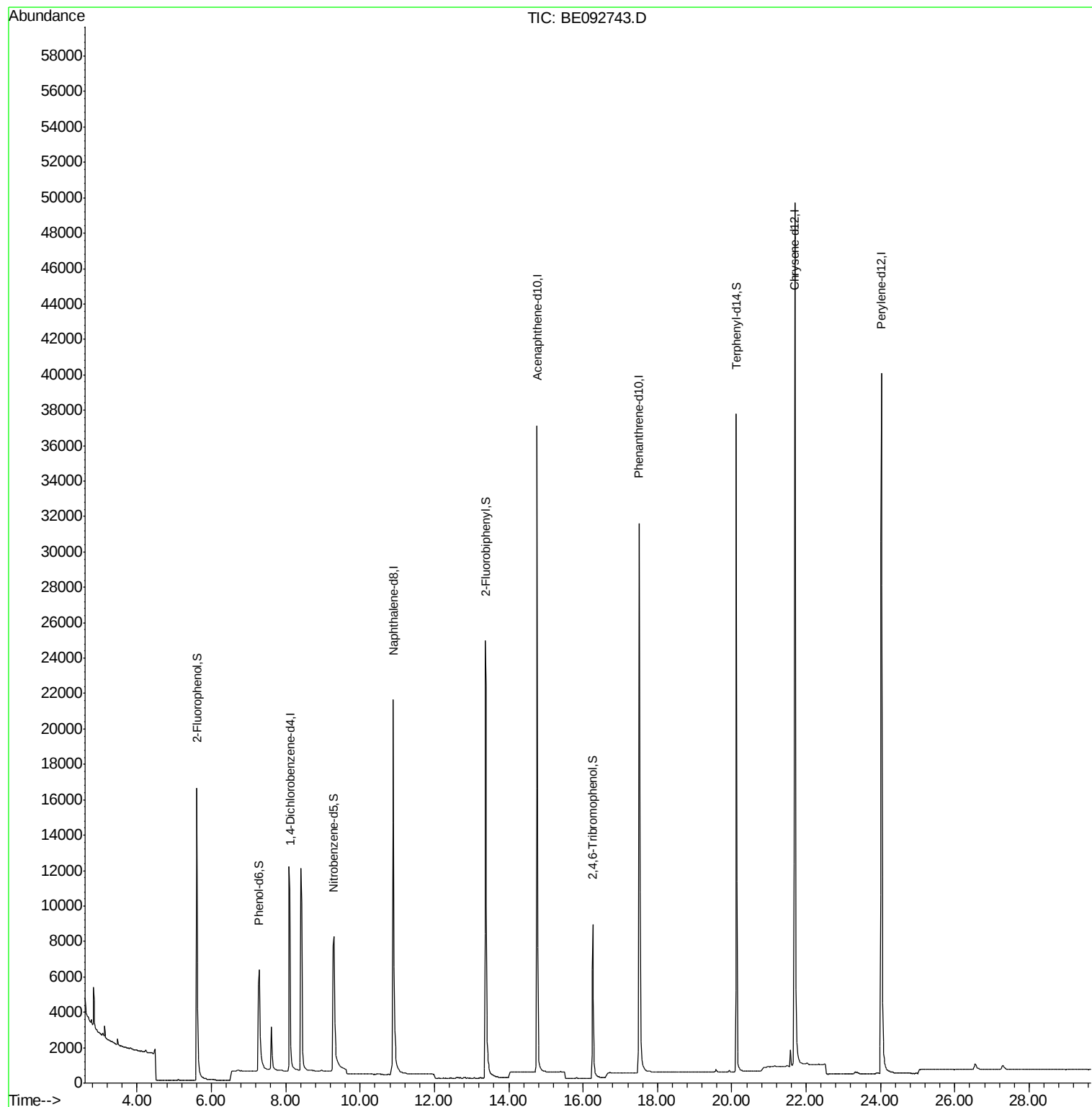
Target Compounds	Qvalue
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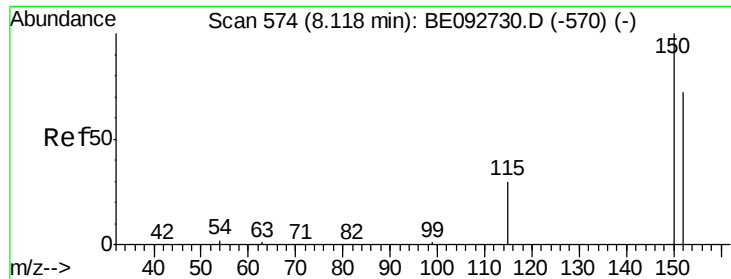
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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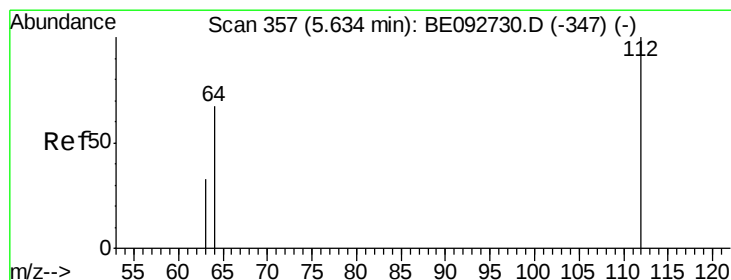
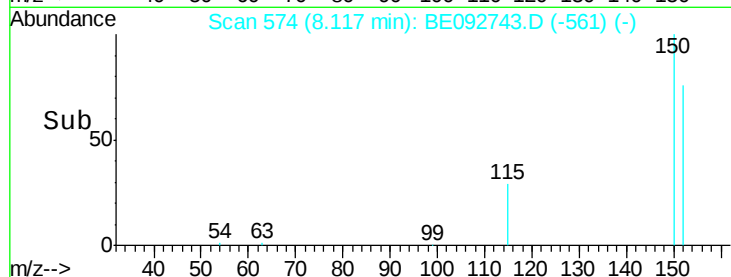
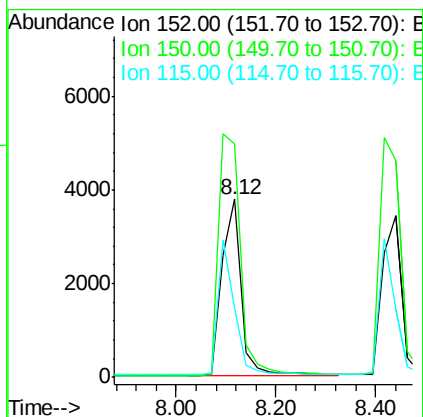
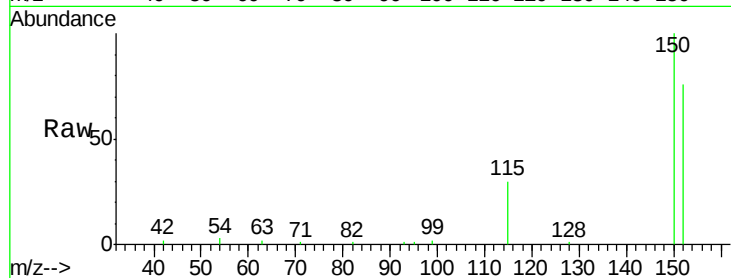


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.12 min Scan# 574
Delta R.T. -0.00 min
Lab File: BE092743.D
Acq: 15 Feb 2017 21:15

Instrument :
BNA_E
ClientSampleId :
FB-021017

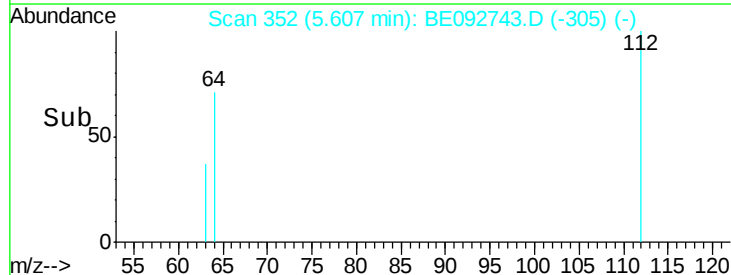
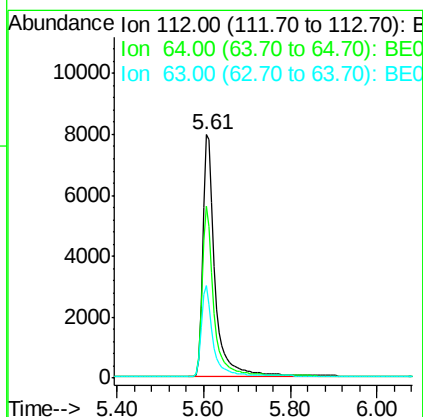
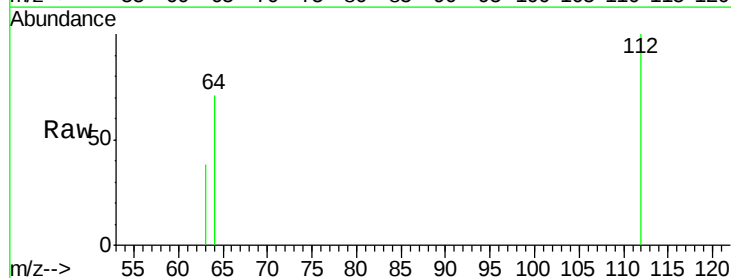
Tgt Ion:152 Resp: 9955
Ion Ratio Lower Upper
152 100
150 131.3 106.0 159.0
115 38.8 31.2 46.8

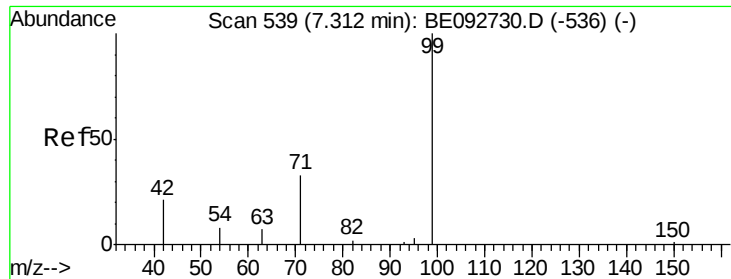


#4

2-Fluorophenol
Concen: 8.03 ng
RT: 5.61 min Scan# 352
Delta R.T. -0.03 min
Lab File: BE092743.D
Acq: 15 Feb 2017 21:15

Tgt Ion:112 Resp: 15557
Ion Ratio Lower Upper
112 100
64 68.3 53.5 80.3
63 36.5 27.9 41.9





#5

Phenol-d6

Concen: 5.12 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.02 min

Lab File: BE092743.D

Acq: 15 Feb 2017 21:15

Instrument :

BNA_E

ClientSampleId :

FB-021017

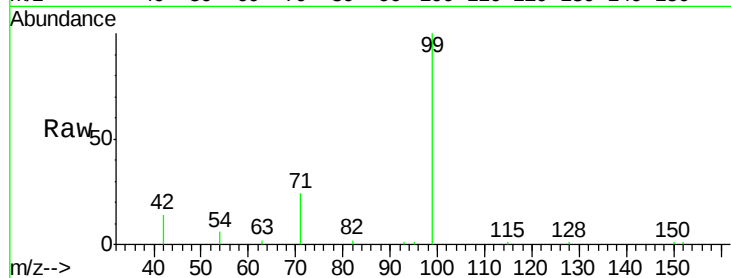
Tgt Ion: 99 Resp: 12160

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

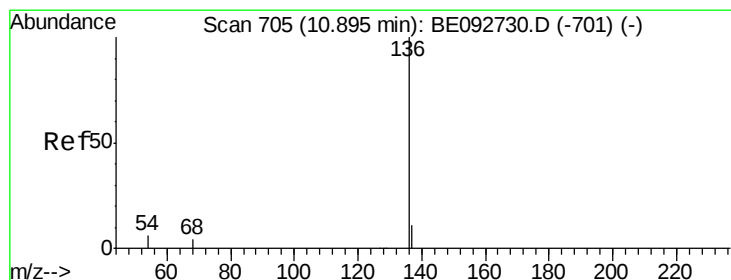
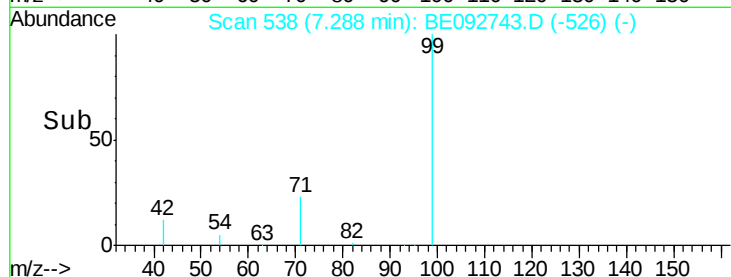
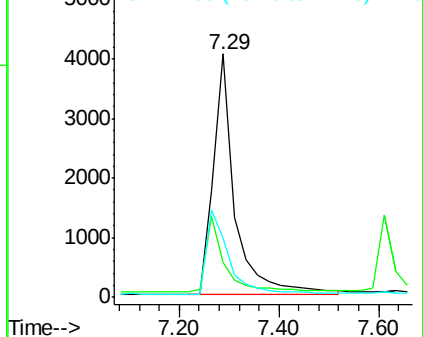
71 0.0 30.6 45.8#



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: 10.89 min Scan# 705

Delta R.T. -0.00 min

Lab File: BE092743.D

Acq: 15 Feb 2017 21:15

Tgt Ion: 136 Resp: 43866

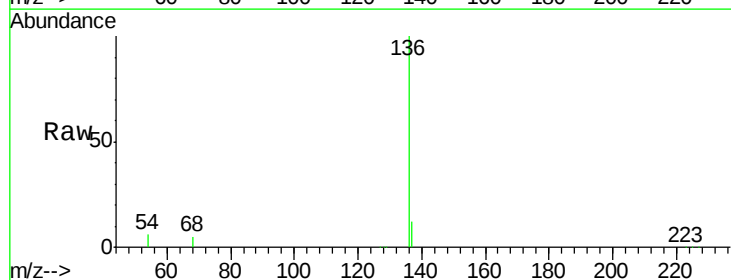
Ion Ratio Lower Upper

136 100

137 11.8 8.2 12.4

54 6.2 9.6 14.4#

68 4.7 6.7 10.1#

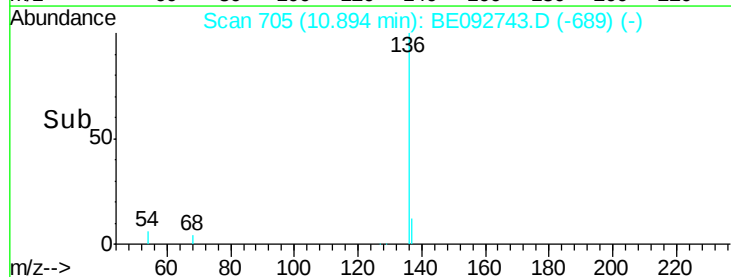
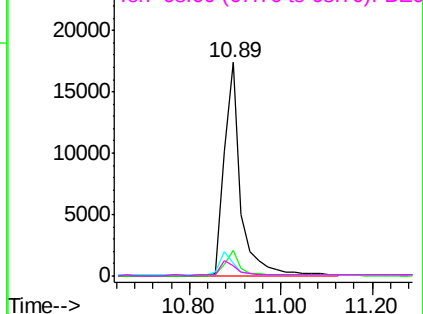


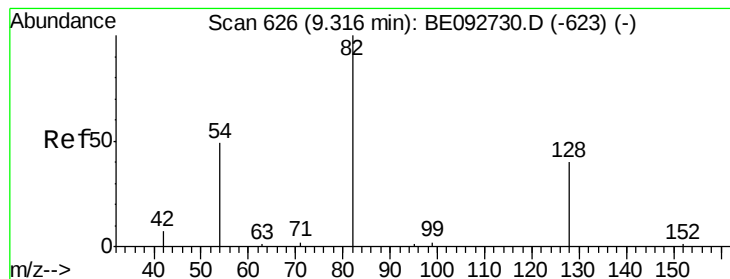
Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.02 ng

RT: 9.29 min Scan# 625

Delta R.T. -0.02 min

Lab File: BE092743.D

Acq: 15 Feb 2017 21:15

Instrument :

BNA_E

ClientSampleId :

FB-021017

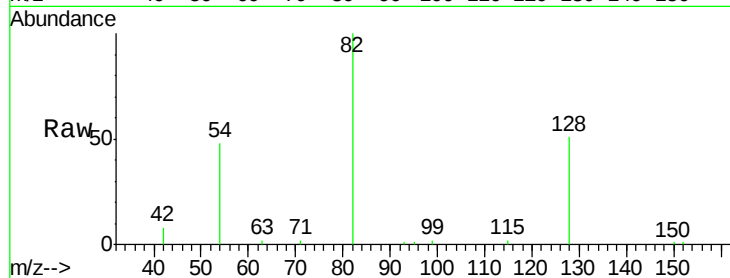
Tgt Ion: 82 Resp: 14881

Ion Ratio Lower Upper

82 100

128 50.5 39.0 58.4

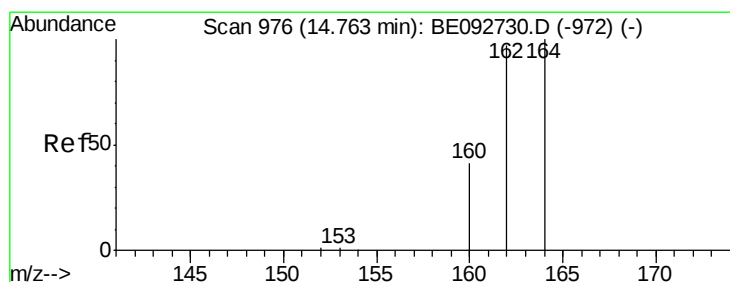
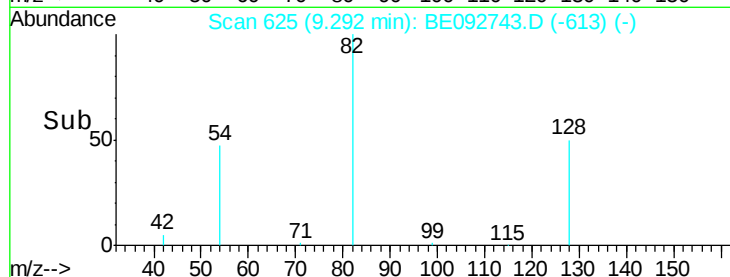
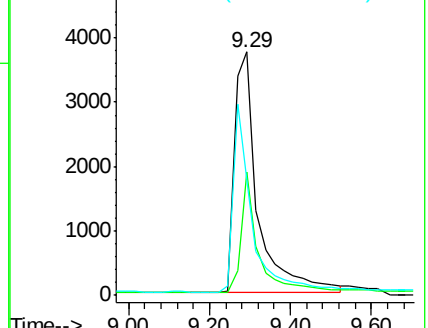
54 47.7 44.8 67.2



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: 14.77 min Scan# 977

Delta R.T. 0.00 min

Lab File: BE092743.D

Acq: 15 Feb 2017 21:15

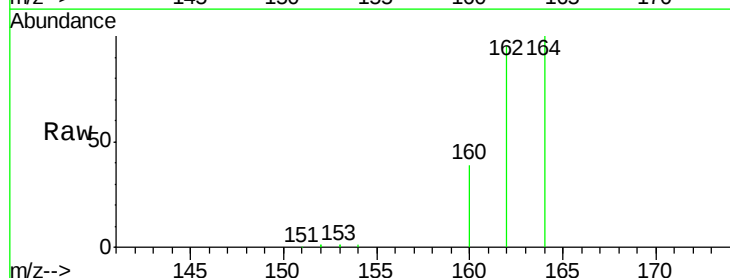
Tgt Ion: 164 Resp: 26196

Ion Ratio Lower Upper

164 100

162 94.7 71.4 107.0

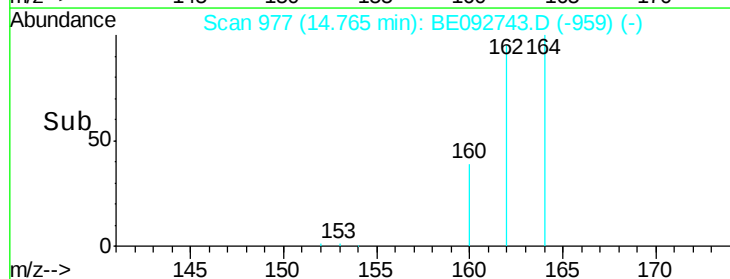
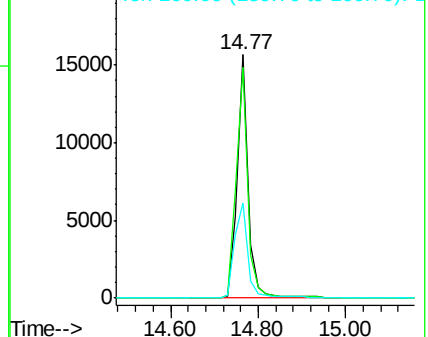
160 39.0 27.4 41.2

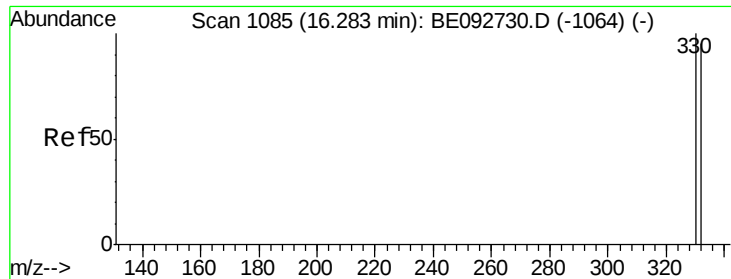


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

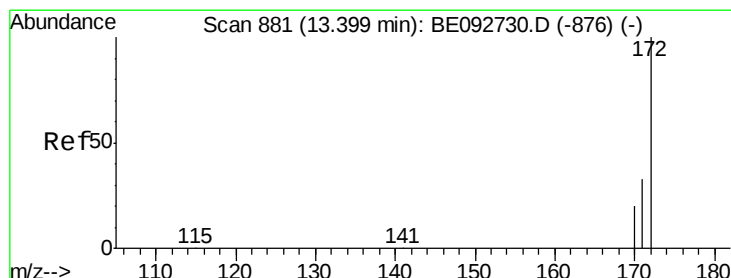
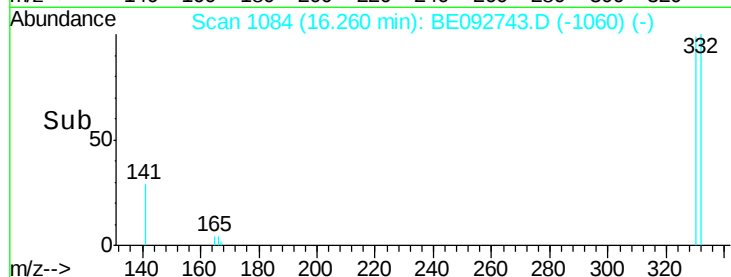
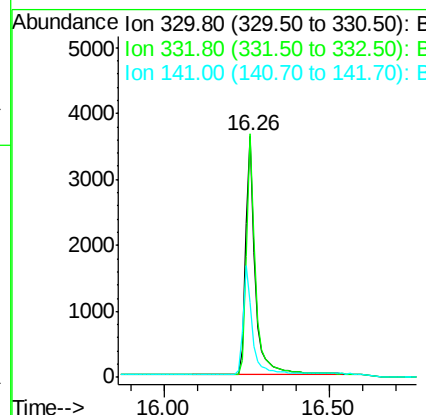
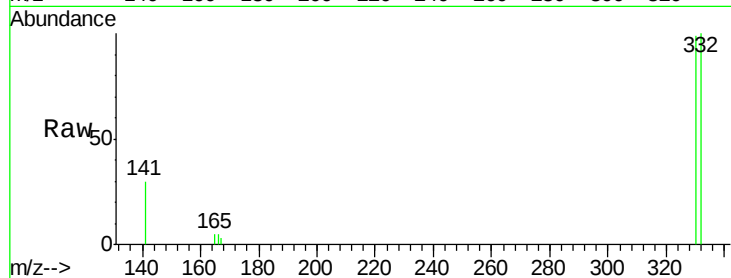




#13
 2,4,6-Tribromophenol
 Concen: 12.89 ng
 RT: 16.26 min Scan# 1084
 Delta R.T. -0.02 min
 Lab File: BE092743.D
 Acq: 15 Feb 2017 21:15

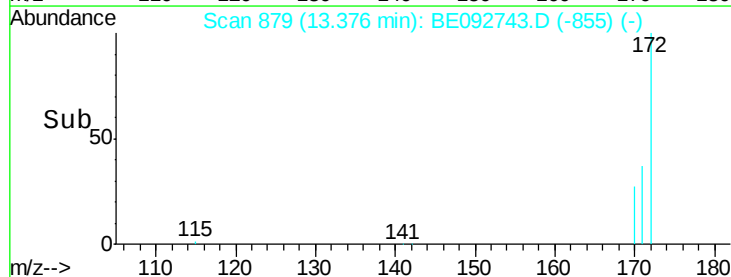
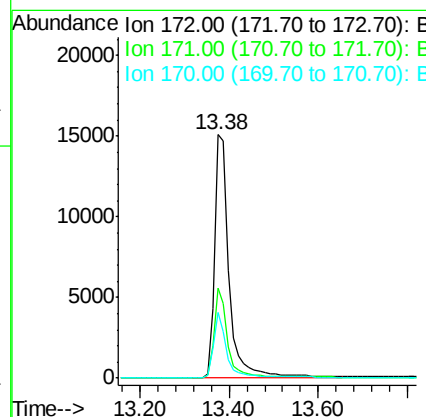
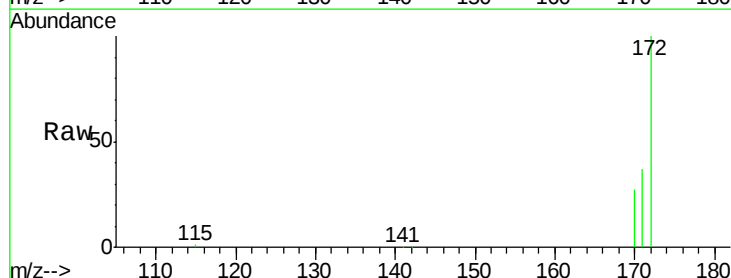
Instrument :
 BNA_E
 ClientSampleId :
 FB-021017

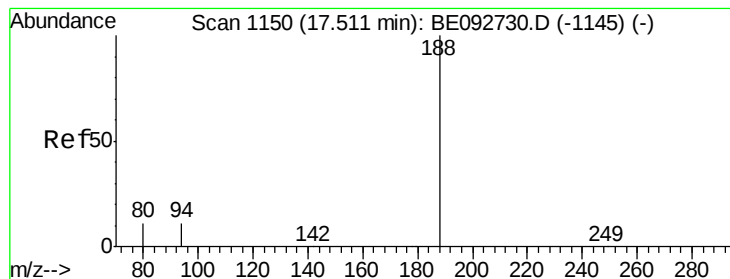
Tgt Ion: 330 Resp: 7164
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.4 113.0
 141 44.3 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 5.32 ng
 RT: 13.38 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BE092743.D
 Acq: 15 Feb 2017 21:15

Tgt Ion: 172 Resp: 34004
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.1 45.1
 170 26.9 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.51 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE092743.D

Acq: 15 Feb 2017 21:15

Instrument :

BNA_E

ClientSampleId :

FB-021017

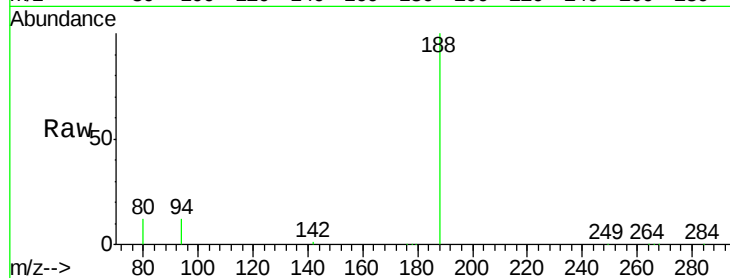
Tgt Ion:188 Resp: 51979

Ion Ratio Lower Upper

188 100

94 12.3 3.2 4.8#

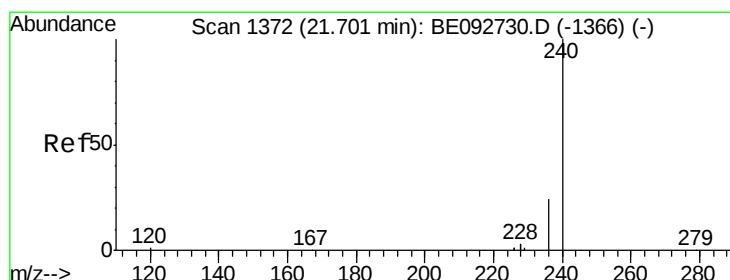
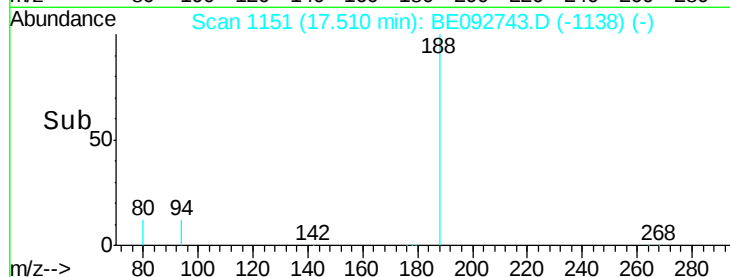
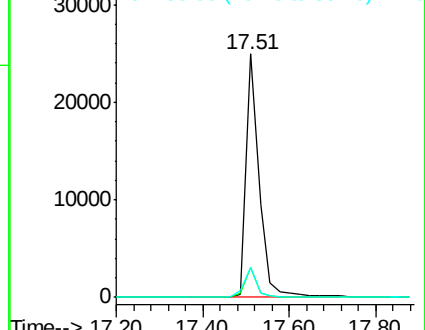
80 12.3 2.6 3.8#



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# 1373

Delta R.T. -0.00 min

Lab File: BE092743.D

Acq: 15 Feb 2017 21:15

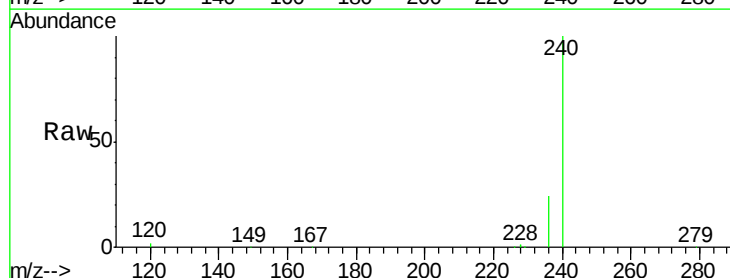
Tgt Ion:240 Resp: 65167

Ion Ratio Lower Upper

240 100

120 1.6 2.6 4.0#

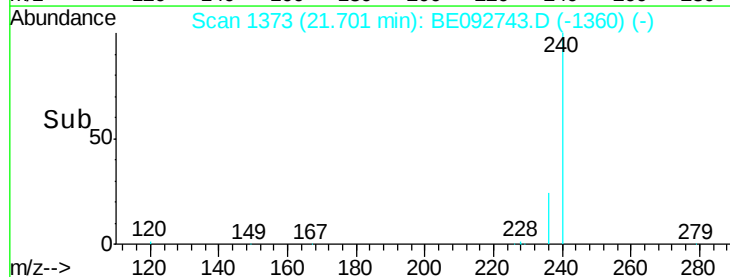
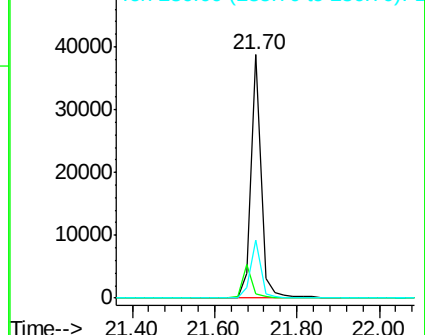
236 23.7 24.6 37.0#

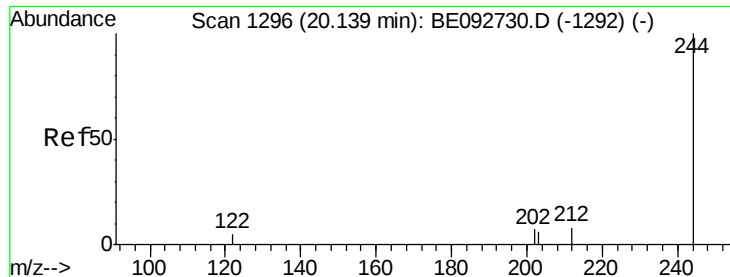


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 5.51 ng

RT: 20.12 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BE092743.D

Acq: 15 Feb 2017 21:15

Instrument :

BNA_E

ClientSampleId :

FB-021017

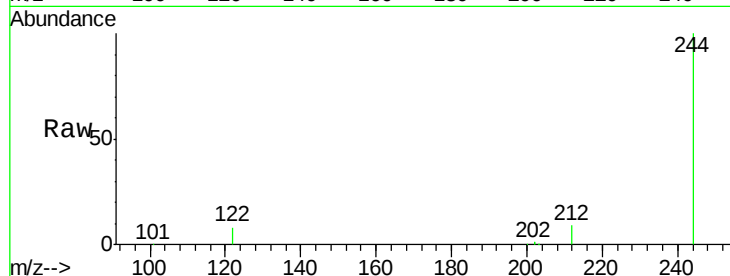
Tgt Ion:244 Resp: 45844

Ion Ratio Lower Upper

244 100

212 9.1 6.7 10.1

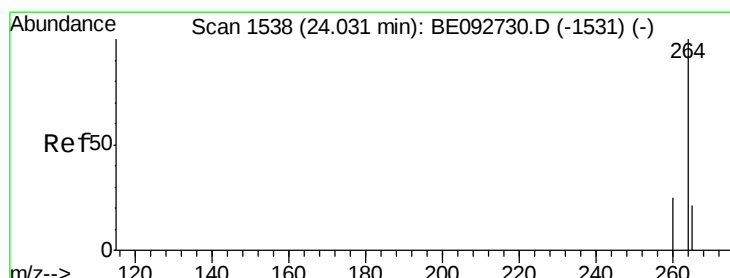
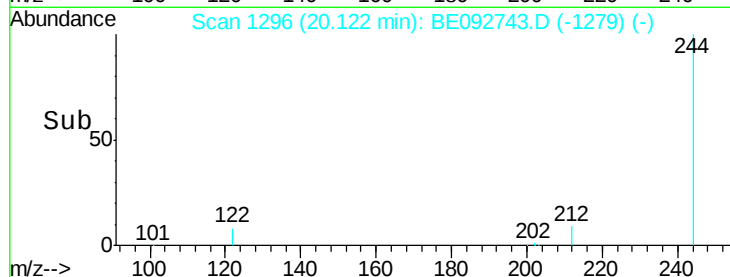
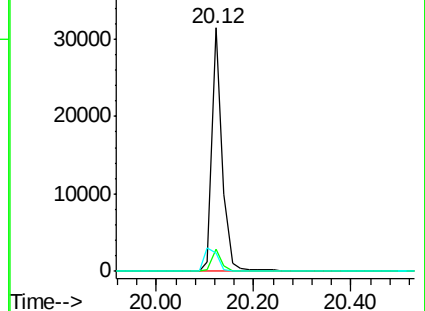
122 7.8 3.6 5.4#



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: 24.03 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE092743.D

Acq: 15 Feb 2017 21:15

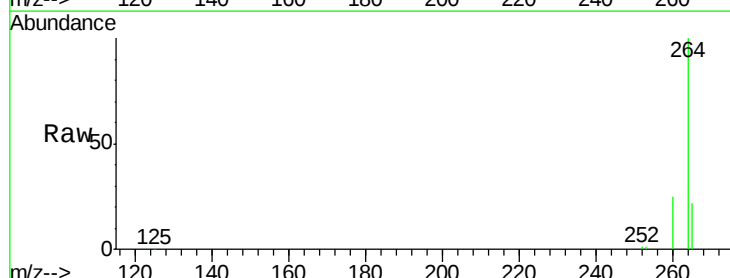
Tgt Ion:264 Resp: 62062

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 22.4 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

