

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013117\
 Data File : BE092696.D
 Acq On : 31 Jan 2017 20:50
 Operator : SJ/MA
 Sample : I1505-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SB-01A

Quant Time: Feb 01 02:58:53 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 10:14:01 2017
 Response via : Initial Calibration

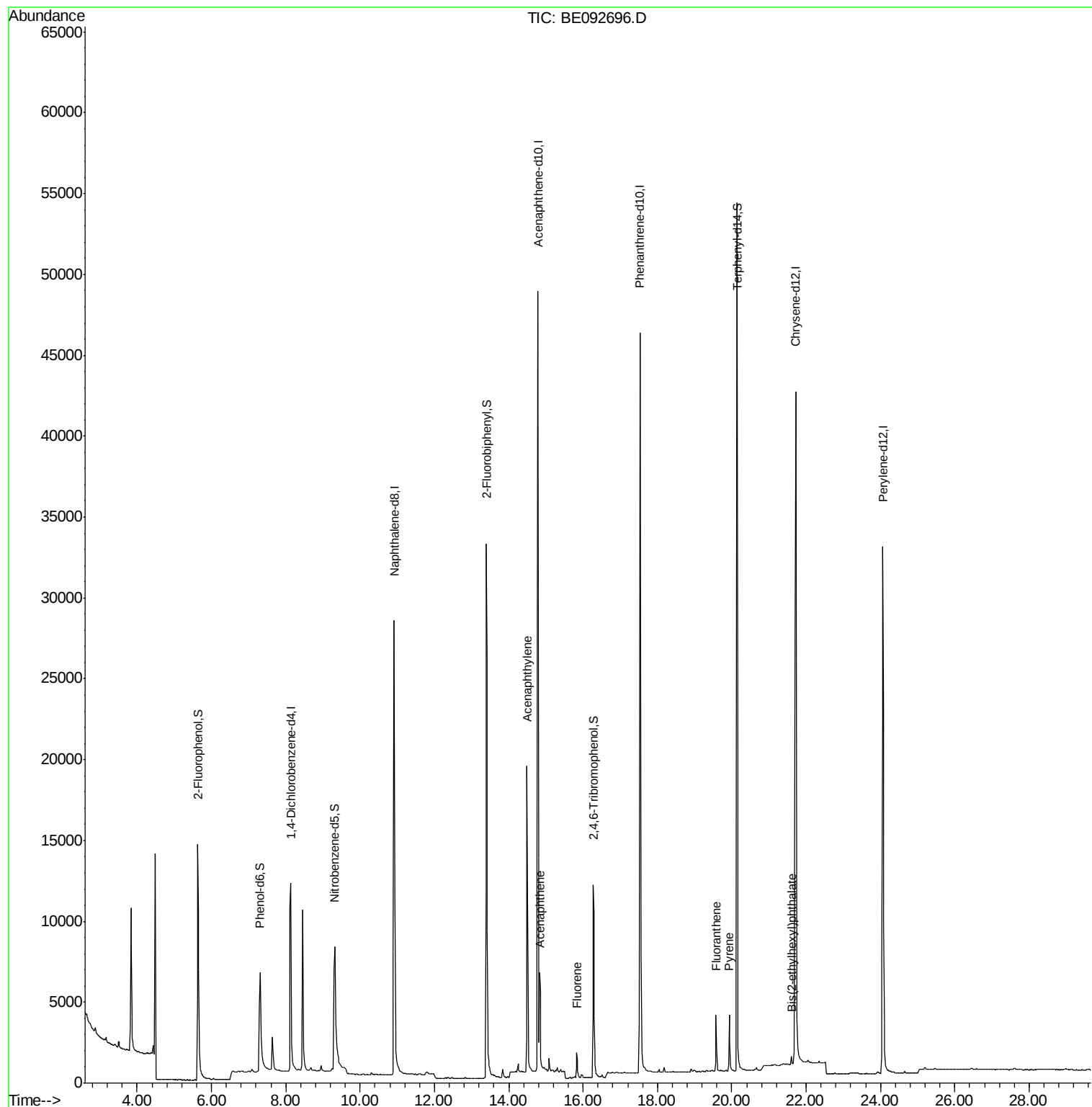
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10097	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	47881	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	30242	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	68037	5.00	ng	0.00
24) Chrysene-d12	21.72	240	70449	5.00	ng	0.00
31) Perylene-d12	24.06	264	48595	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.64	112	14808	6.57	ng	-0.01
5) Phenol-d6	7.31	99	12453	4.51	ng	-0.02
8) Nitrobenzene-d5	9.32	82	14679	4.72	ng	-0.02
13) 2,4,6-Tribromophenol	16.27	330	9647	10.76	ng	-0.02
14) 2-Fluorobiphenyl	13.40	172	39884	5.36	ng	-0.02
26) Terphenyl-d14	20.14	244	67832	6.81	ng	-0.02
Target Compounds						Qvalue
15) Acenaphthylene	14.49	152	29683	0.71	ng	100
16) Acenaphthene	14.85	154	1610	0.24	ng	94
17) Fluorene	15.83	166	1384	0.16	ng	98
23) Fluoranthene	19.58	202	4633	0.07	ng	100
25) Pyrene	19.94	202	4981	0.07	ng	98
29) Bis(2-ethylhexyl)phthalate	21.61	149	568	0.25	ng	# 69

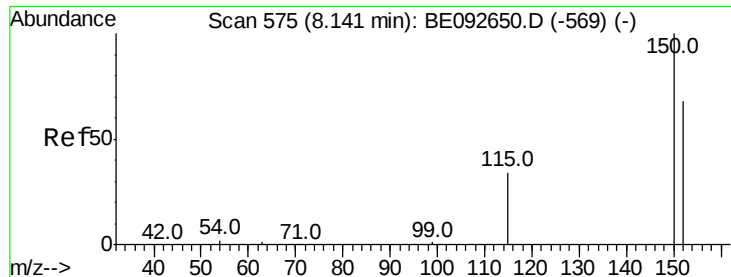
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092696.D

Acq: 31 Jan 2017 20:50

Instrument :

BNA_E

ClientSampleId :

SB-01A

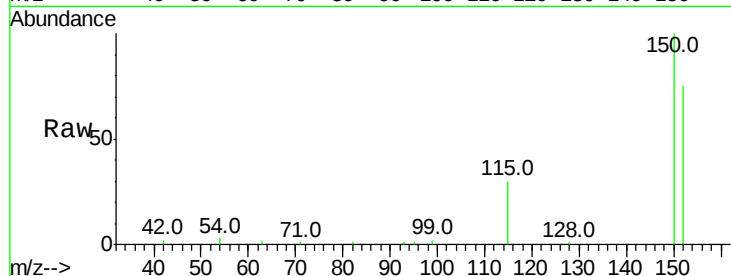
Tot Ion:152 Resp: 10097

Ion Ratio Lower Upper

152 100

150 134.1 106.0 159.0

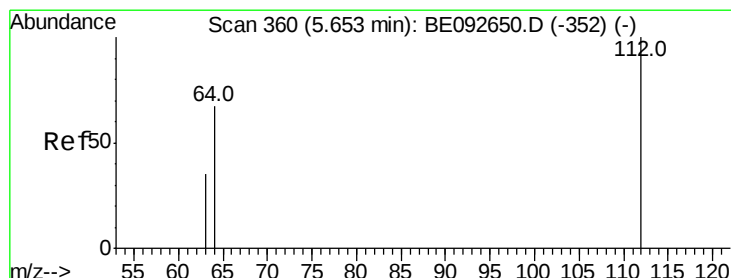
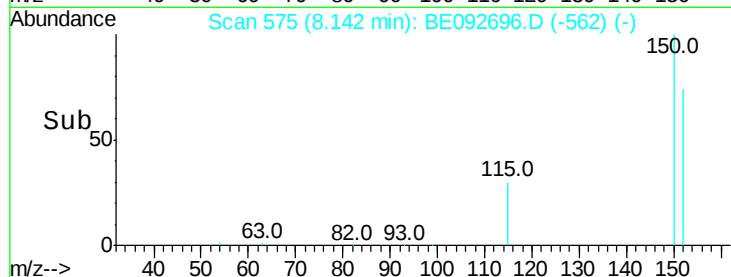
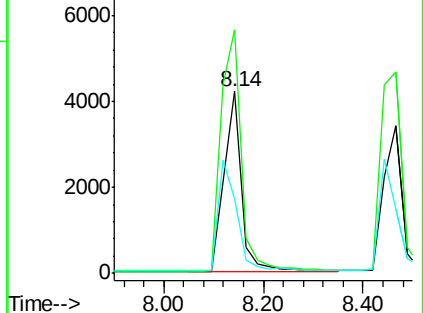
115 40.8 31.2 46.8



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: 6.57 ng

RT: 5.64 min Scan# 358

Delta R.T. -0.01 min

Lab File: BE092696.D

Acq: 31 Jan 2017 20:50

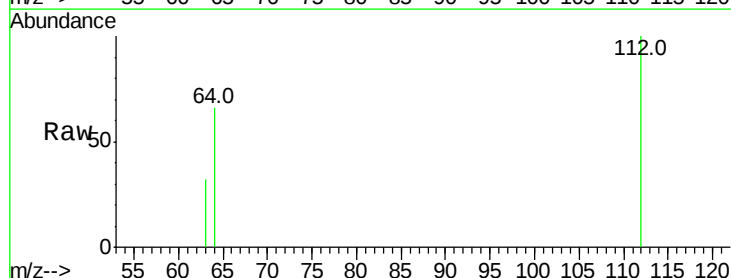
Tgt Ion:112 Resp: 14808

Ion Ratio Lower Upper

112 100

64 68.5 53.5 80.3

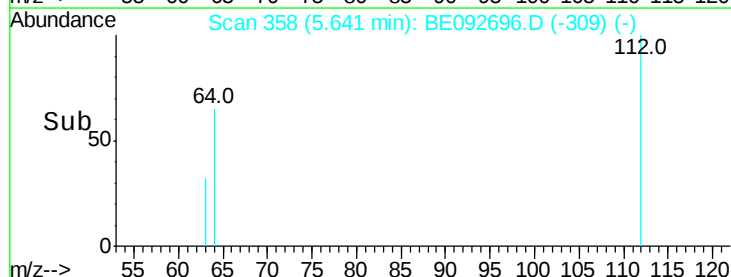
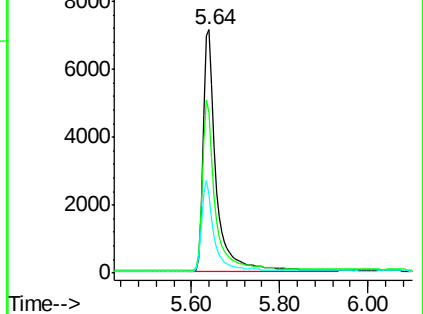
63 36.2 27.9 41.9

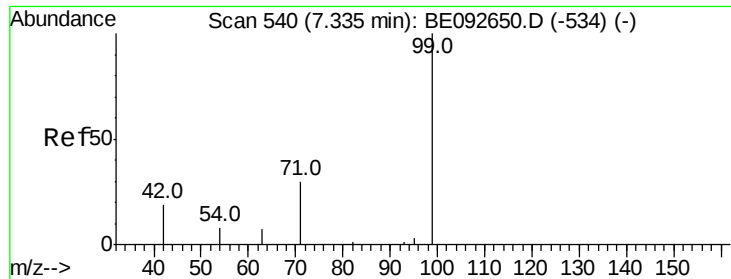


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 4.51 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092696.D

Acq: 31 Jan 2017 20:50

Instrument :

BNA_E

ClientSampled :

SB-01A

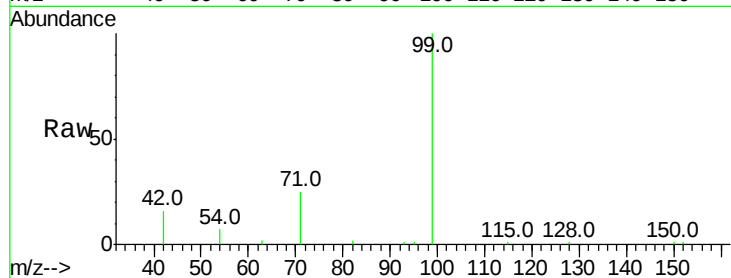
Tot Ion: 99 Resp: 12453

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

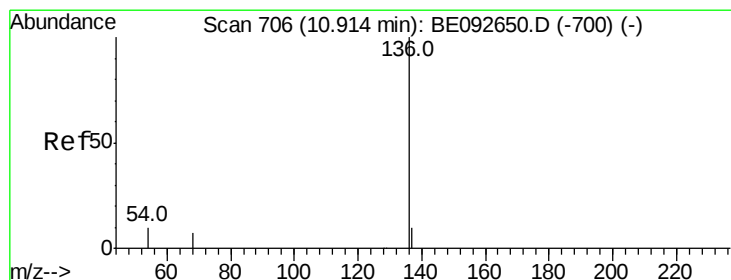
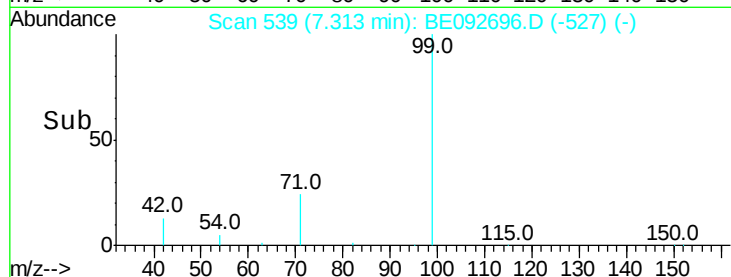
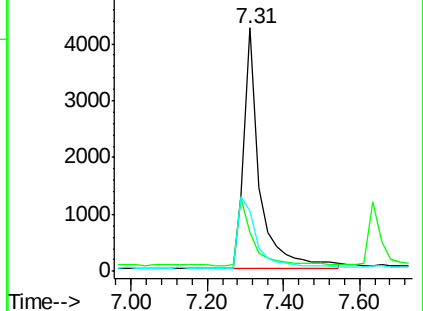
71 0.0 30.6 45.8#



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: 10.91 min Scan# 706

Delta R.T. -0.00 min

Lab File: BE092696.D

Acq: 31 Jan 2017 20:50

Tgt Ion: 136 Resp: 47881

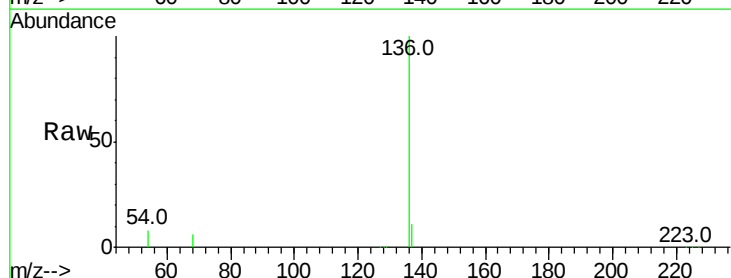
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 8.3 9.6 14.4#

68 5.9 6.7 10.1#

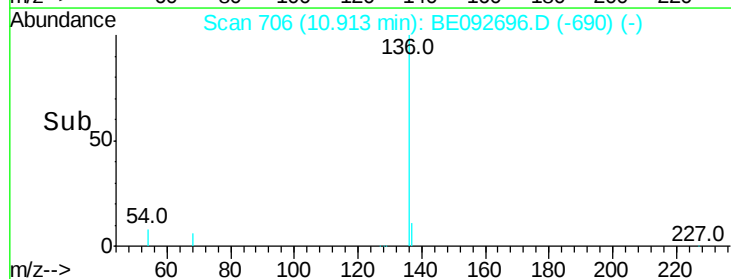
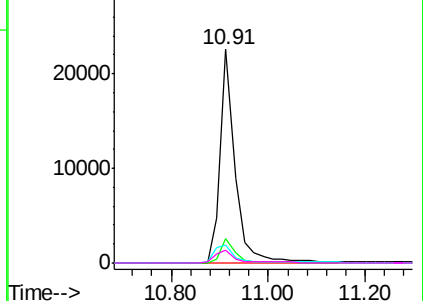


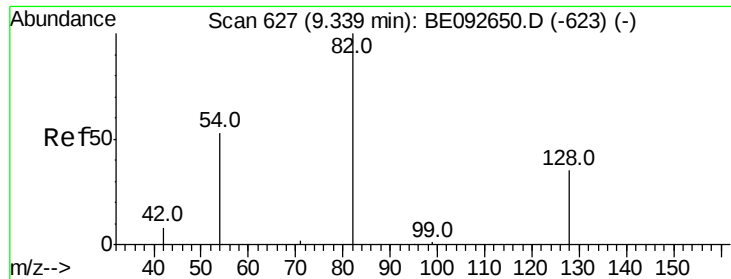
Abundance Ion 136.00 (135.70 to 136.70): E

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

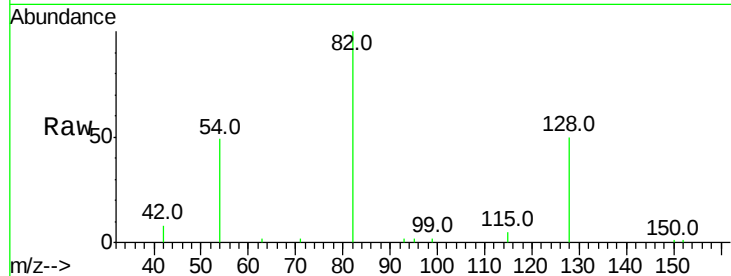




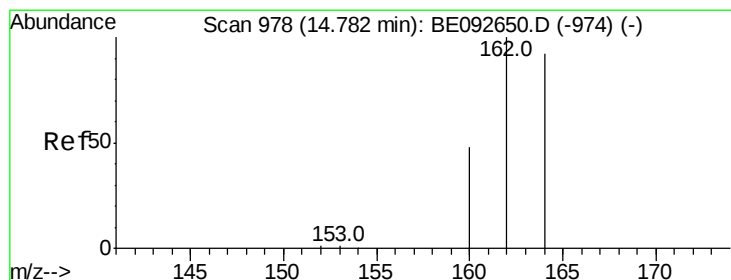
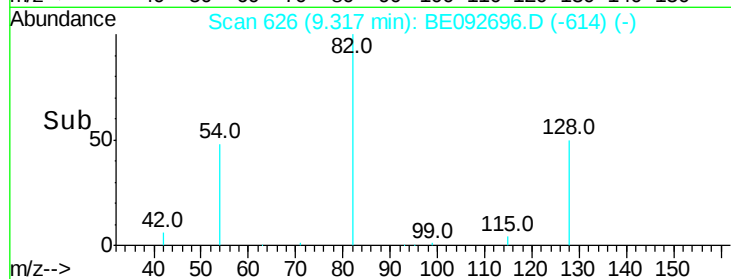
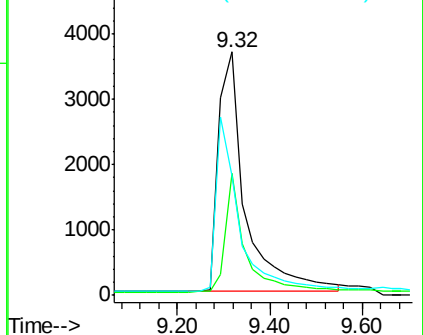
#8
 Nitrobenzene-d5
 Concen: 4.72 ng
 RT: 9.32 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BE092696.D
 Acq: 31 Jan 2017 20:50

Instrument :
 BNA_E
 ClientSampleID :
 SB-01A

Tot Ion: 82 Resp: 14679
 Ion Ratio Lower Upper
 82 100
 128 50.3 39.0 58.4
 54 49.1 44.8 67.2

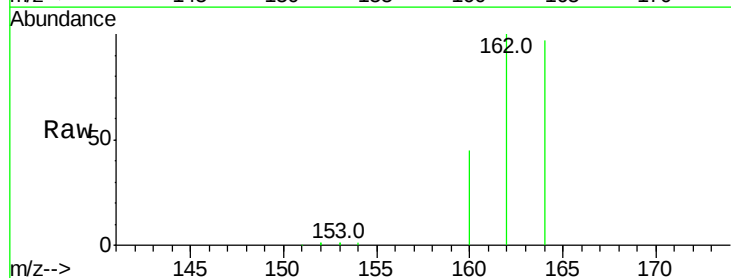


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

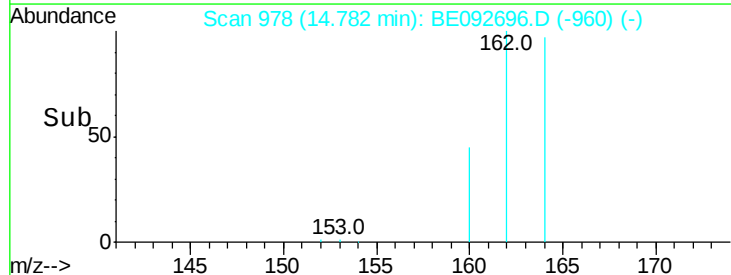
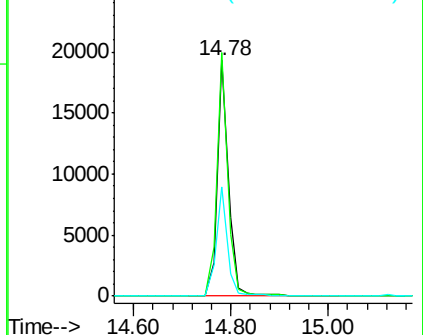


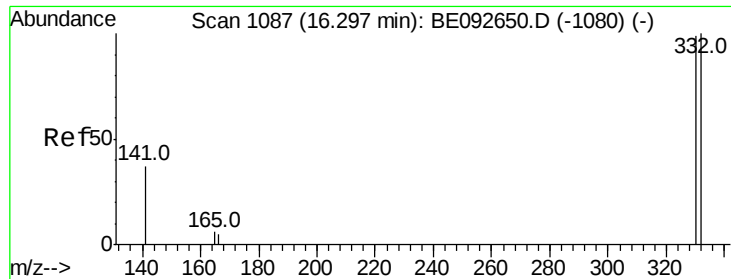
#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.78 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BE092696.D
 Acq: 31 Jan 2017 20:50

Tgt Ion: 164 Resp: 30242
 Ion Ratio Lower Upper
 164 100
 162 103.3 71.4 107.0
 160 46.3 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

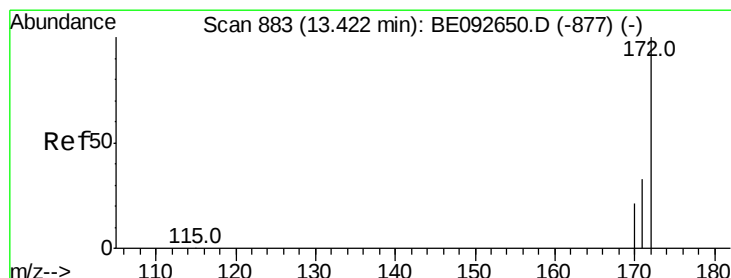
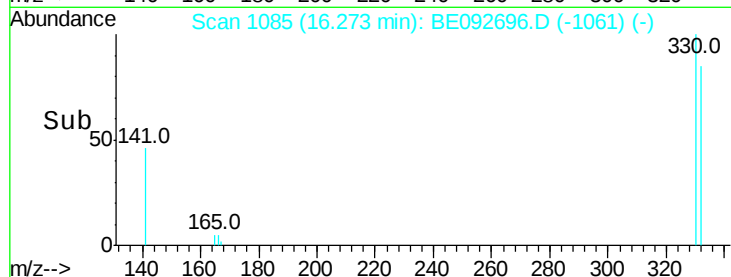
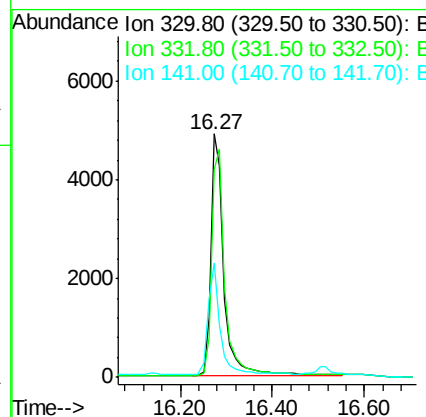
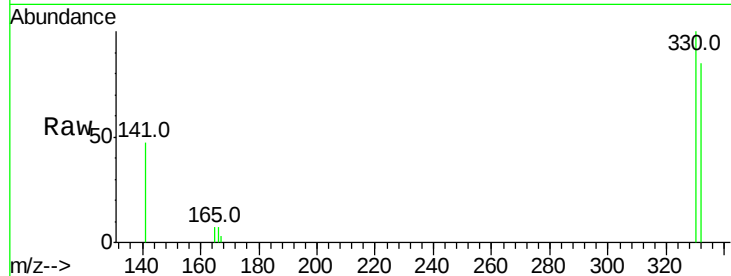




#13
 2,4,6-Tribromophenol
 Concen: 10.76 ng
 RT: 16.27 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BE092696.D
 Acq: 31 Jan 2017 20:50

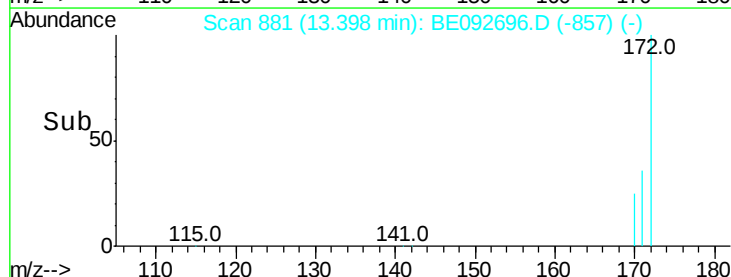
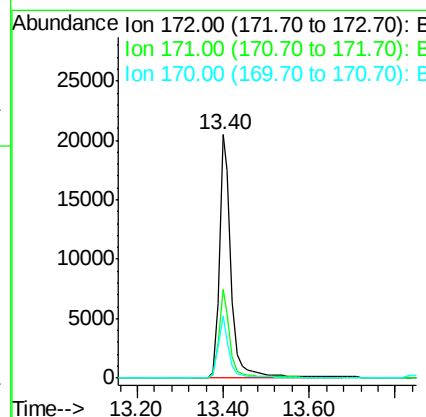
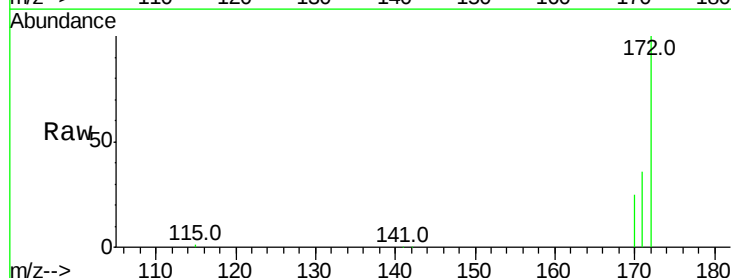
Instrument :
 BNA_E
 ClientSampleId :
 SB-01A

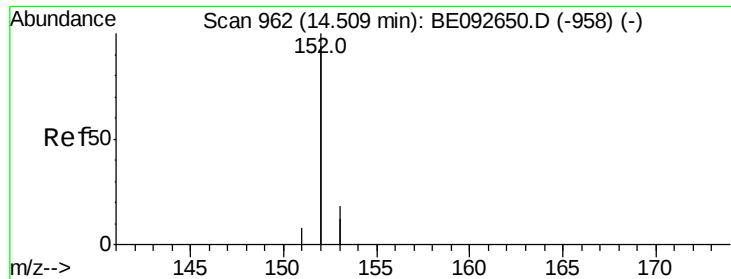
Tot Ion:330 Resp: 9647
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.4 113.0
 141 43.3 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 5.36 ng
 RT: 13.40 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BE092696.D
 Acq: 31 Jan 2017 20:50

Tgt Ion:172 Resp: 39884
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.1 45.1
 170 25.2 21.8 32.6





#15

Acenaphthylene

Concen: 0.71 ng

RT: 14.49 min Scan# 961

Delta R.T. -0.02 min

Lab File: BE092696.D

Acq: 31 Jan 2017 20:50

Instrument :

BNA_E

ClientSampleId :

SB-01A

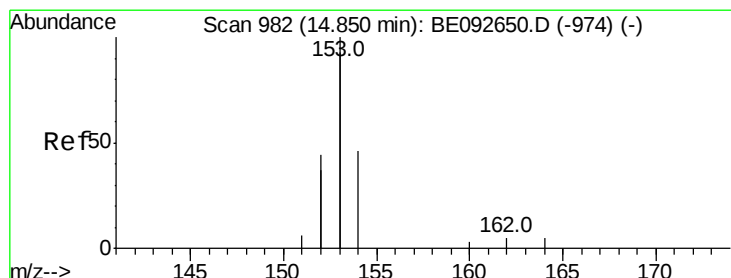
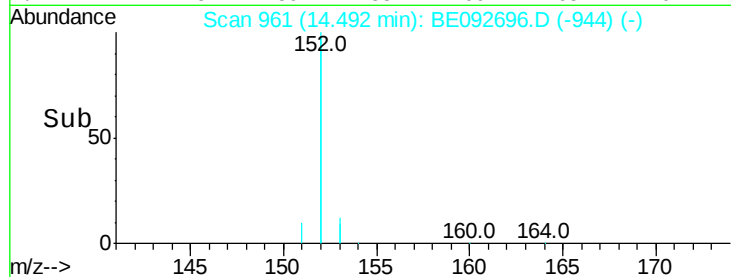
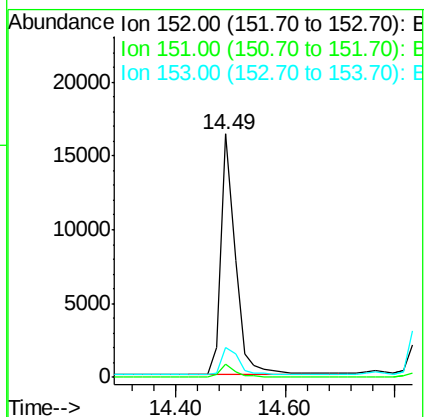
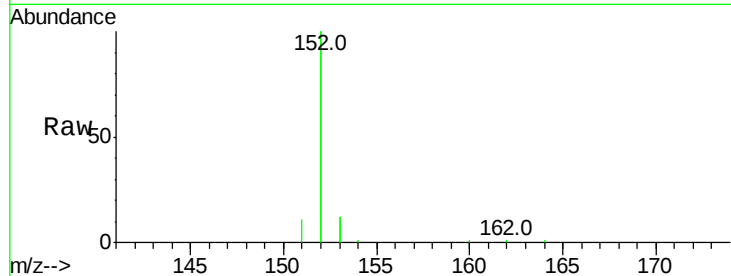
Tot Ion:152 Resp: 29683

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.2 10.4 15.6



#16

Acenaphthene

Concen: 0.24 ng

RT: 14.85 min Scan# 982

Delta R.T. 0.00 min

Lab File: BE092696.D

Acq: 31 Jan 2017 20:50

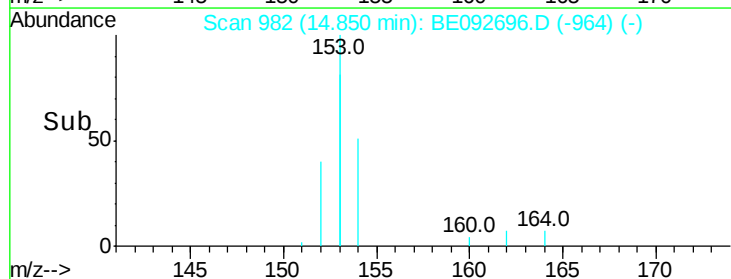
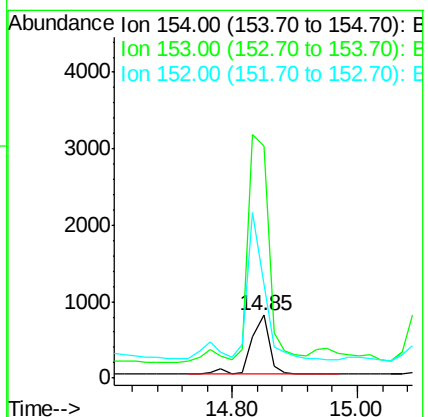
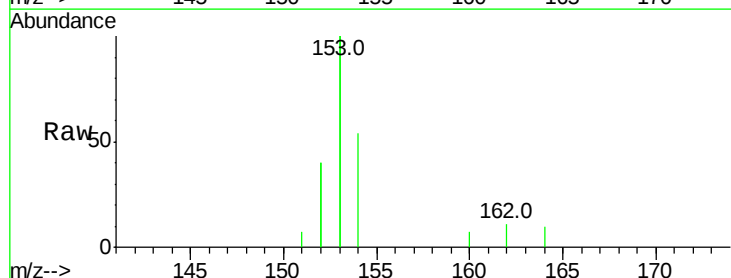
Tgt Ion:154 Resp: 1610

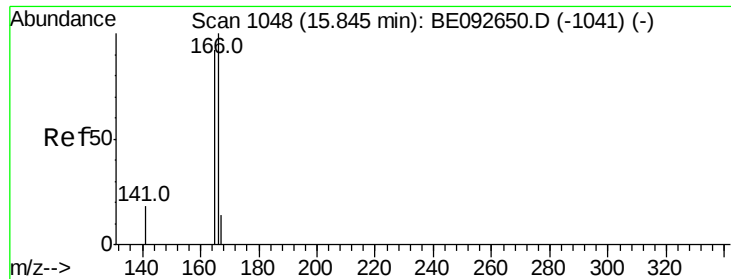
Ion Ratio Lower Upper

154 100

153 419.0 350.8 526.2

152 219.7 171.1 256.7





#17

Fluorene

Concen: 0.16 ng

RT: 15.83 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE092696.D

Acq: 31 Jan 2017 20:50

Instrument :

BNA_E

ClientSampleId :

SB-01A

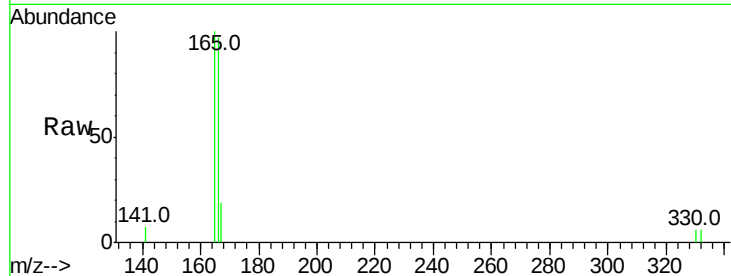
Tot Ion:166 Resp: 1384

Ion Ratio Lower Upper

166 100

165 95.9 78.2 117.4

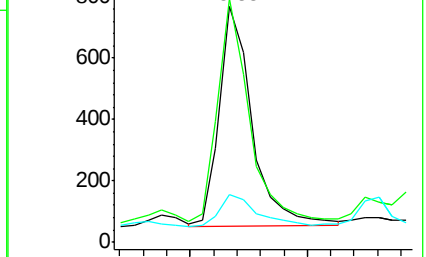
167 16.2 11.0 16.4



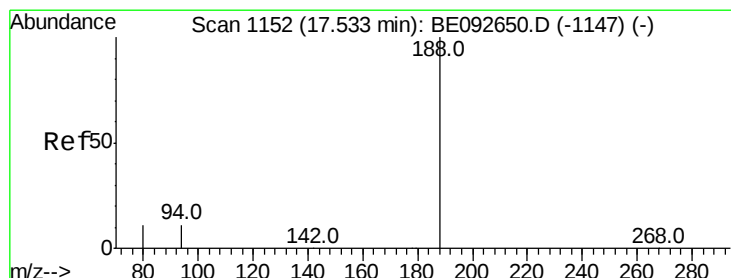
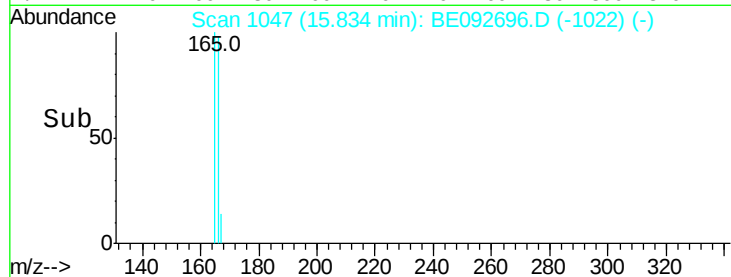
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.53 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE092696.D

Acq: 31 Jan 2017 20:50

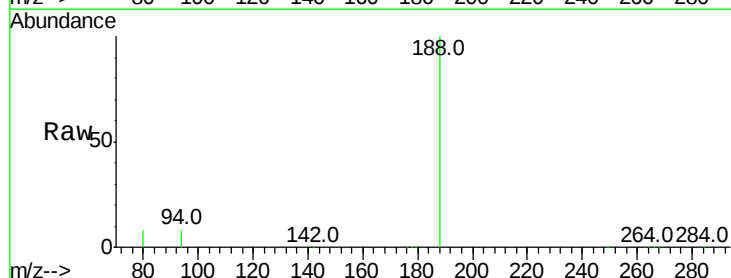
Tgt Ion:188 Resp: 68037

Ion Ratio Lower Upper

188 100

94 8.3 3.2 4.8#

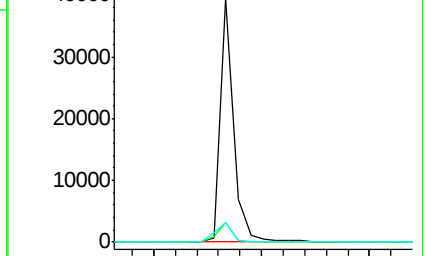
80 7.9 2.6 3.8#



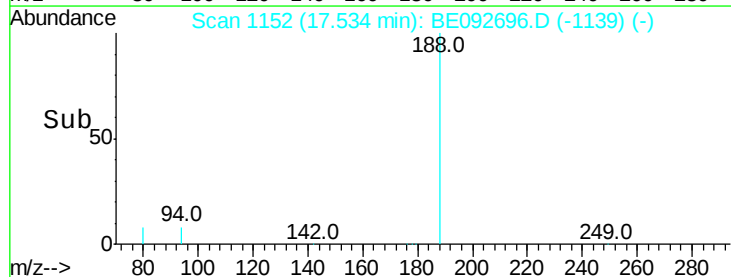
Abundance Ion 188.00 (187.70 to 188.70): E

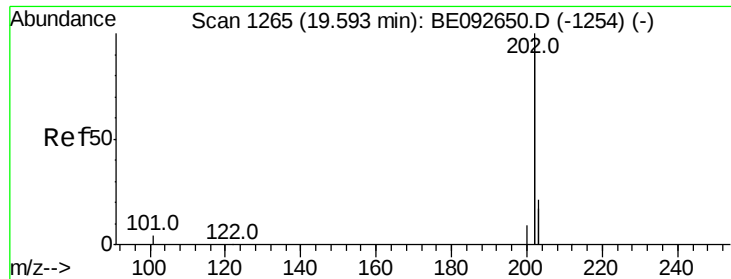
Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->





#23

Fluoranthene

Concen: 0.07 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE092696.D

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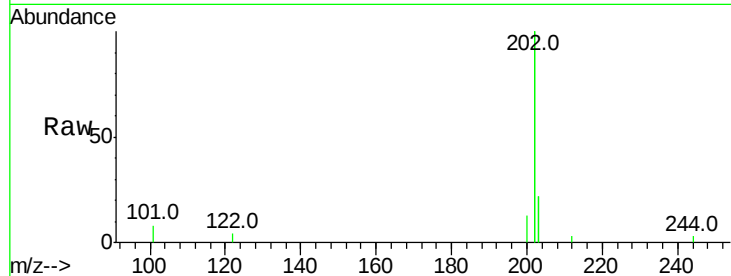
Tot Ion:202 Resp: 4633

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

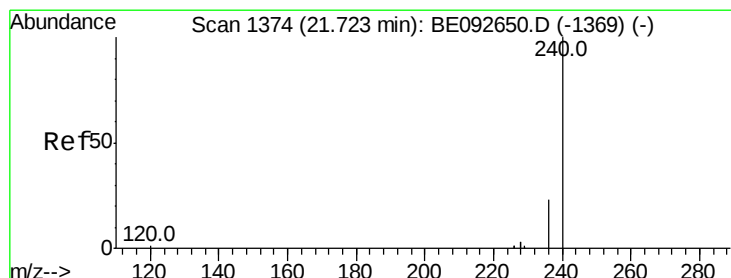
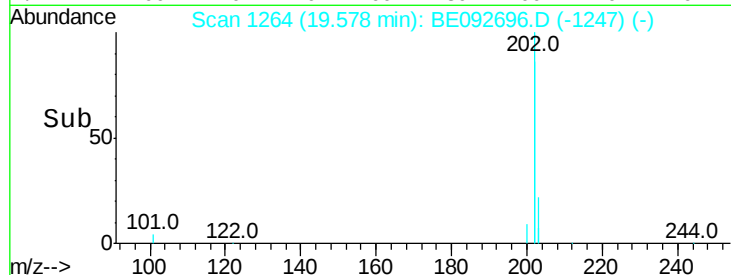
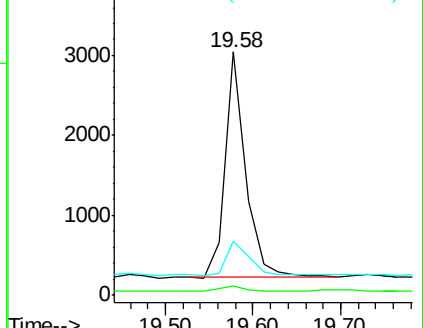
203 16.9 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092696.D

Acq: 31 Jan 2017 20:50

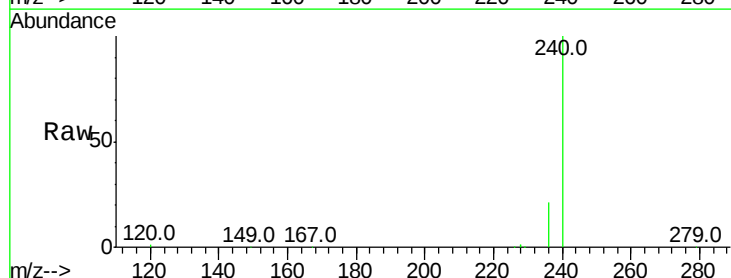
Tgt Ion:240 Resp: 70449

Ion Ratio Lower Upper

240 100

120 1.2 2.6 4.0#

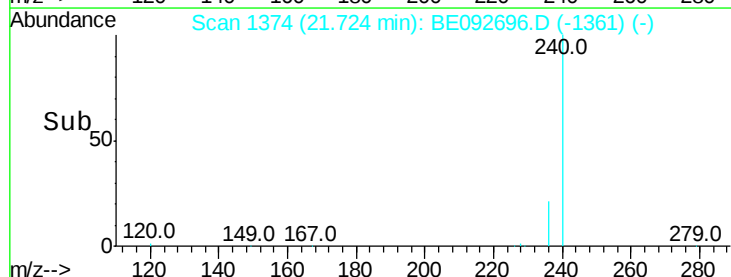
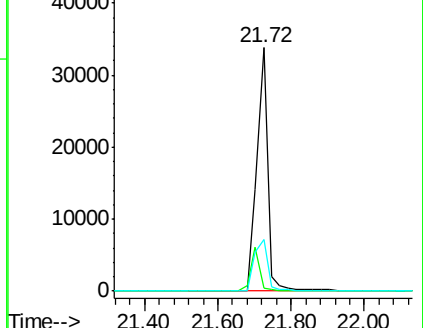
236 21.4 24.6 37.0#

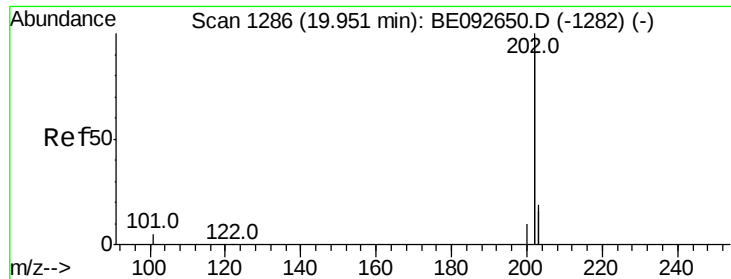


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 0.07 ng

RT: 19.94 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BE092696.D

Acq: 31 Jan 2017 20:50

Instrument :

BNA_E

ClientSampleId :

SB-01A

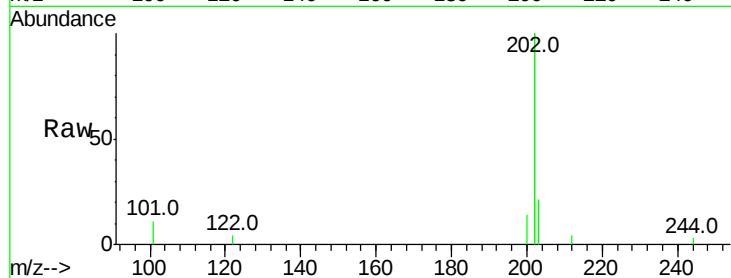
Tot Ion:202 Resp: 4981

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

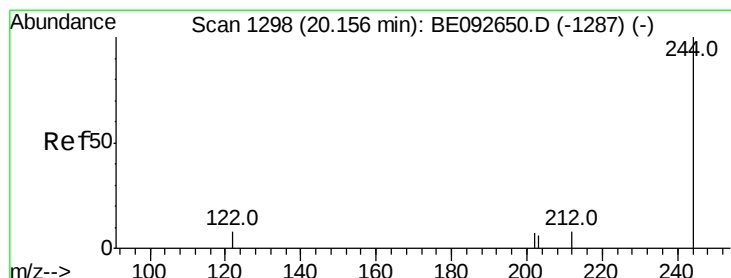
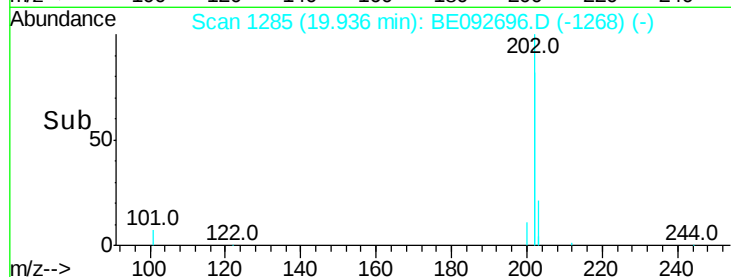
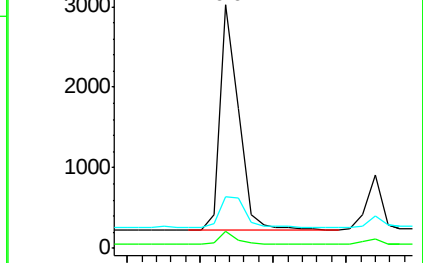
203 18.8 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 6.81 ng

RT: 20.14 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BE092696.D

Acq: 31 Jan 2017 20:50

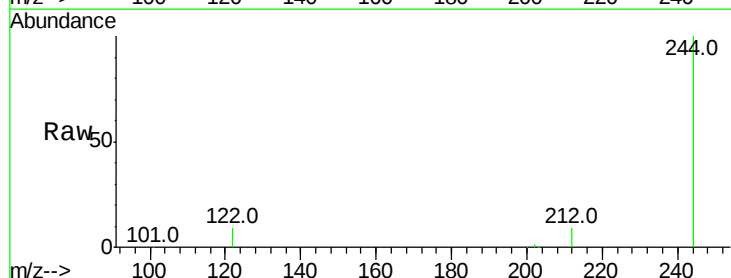
Tgt Ion:244 Resp: 67832

Ion Ratio Lower Upper

244 100

212 9.3 6.7 10.1

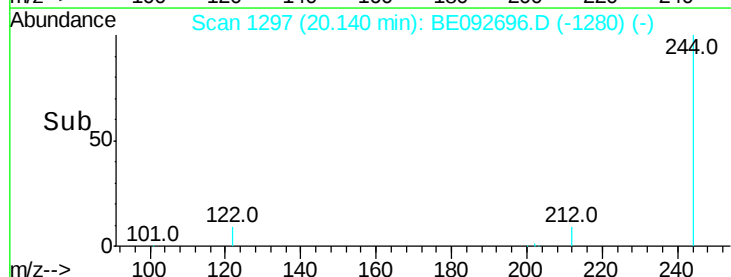
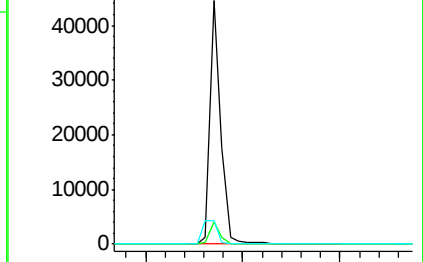
122 9.5 3.6 5.4#

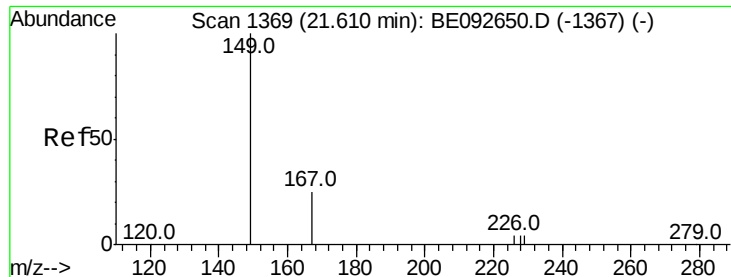


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.25 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092696.D

Acq: 31 Jan 2017 20:50

Instrument :

BNA_E

ClientSampleId :

SB-01A

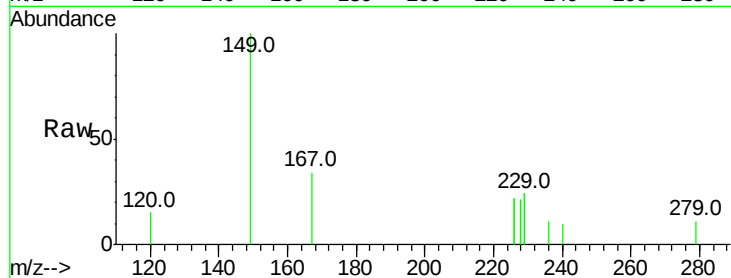
Tot Ion:149 Resp: 568

Ion Ratio Lower Upper

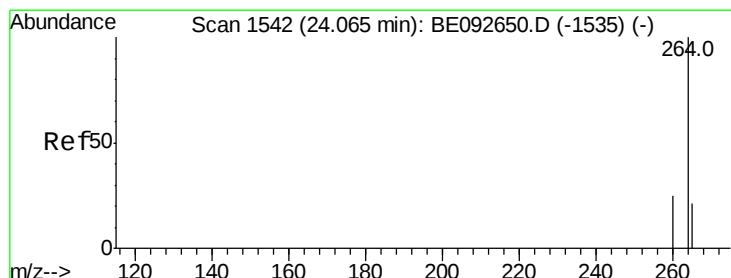
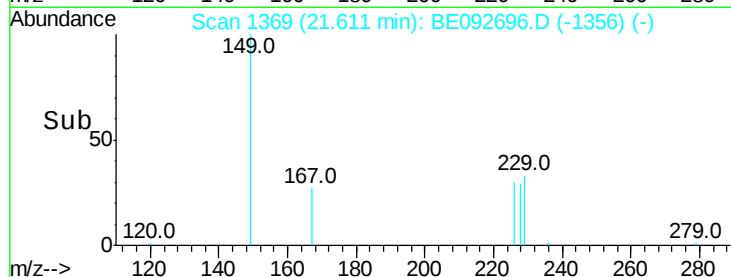
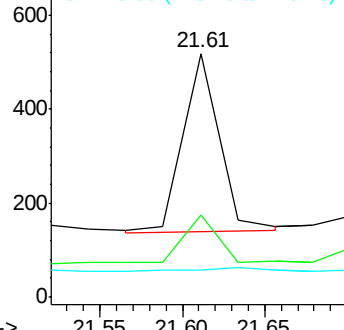
149 100

167 28.7 16.0 24.0#

279 0.0 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.06 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE092696.D

Acq: 31 Jan 2017 20:50

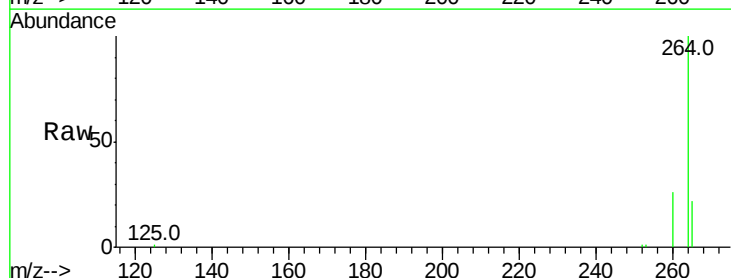
Tgt Ion:264 Resp: 48595

Ion Ratio Lower Upper

264 100

260 25.8 20.1 30.1

265 21.6 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

