

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091616\
 Data File : BE092388.D
 Acq On : 16 Sep 2016 12:08
 Operator : UM/SJ
 Sample : H4795-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 T3TWP

Quant Time: Sep 16 16:36:03 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

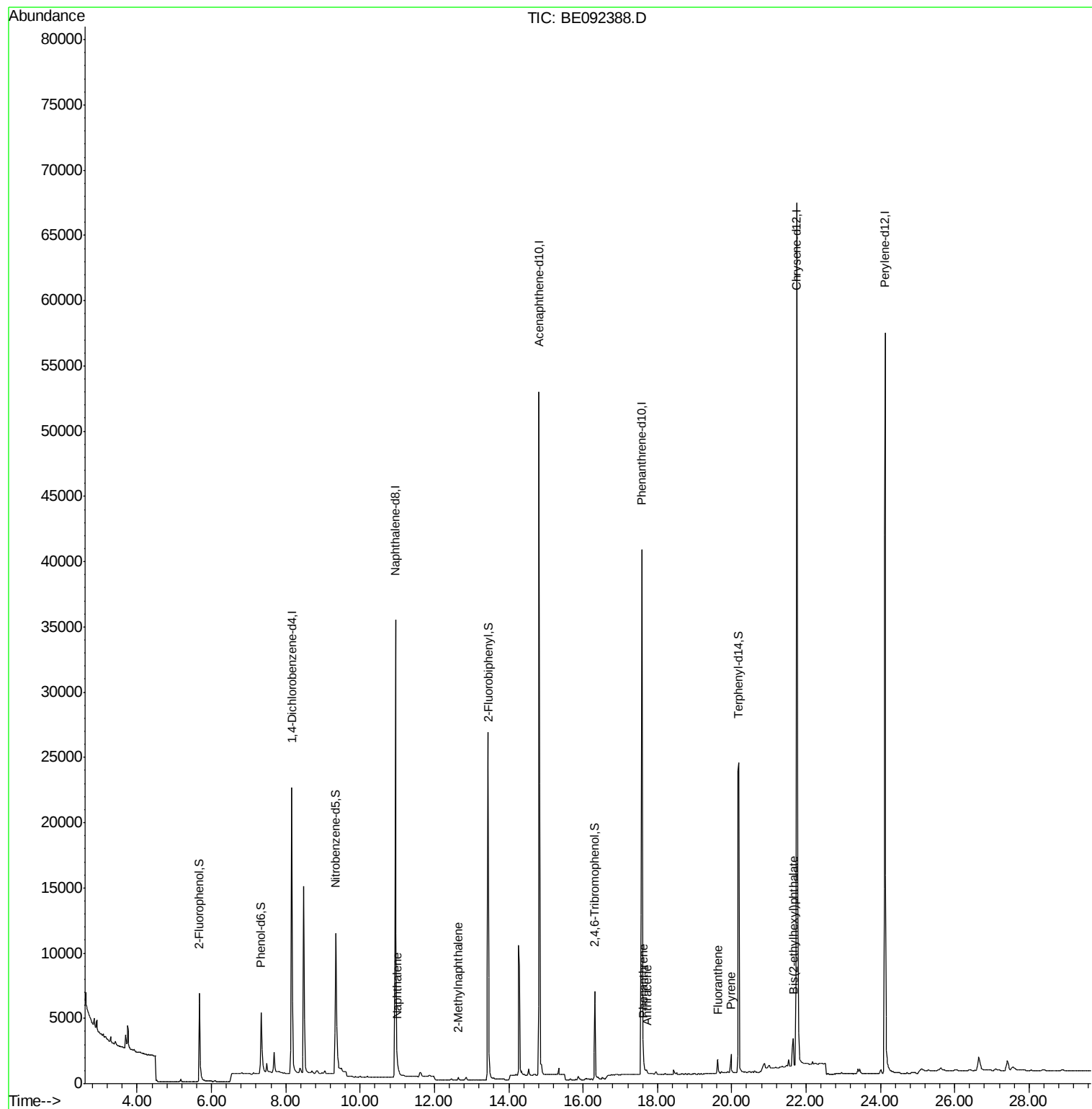
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	12268	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	52965	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	34039	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	63831	5.00	ng	0.02
24) Chrysene-d12	21.75	240	81976	5.00	ng	0.00
31) Perylene-d12	24.12	264	85619	5.00	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	6657	2.28	ng	-0.01
5) Phenol-d6	7.34	99	6656	1.71	ng	-0.02
8) Nitrobenzene-d5	9.34	82	13729	3.61	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	5142	4.88	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	31597	3.03	ng	0.00
26) Terphenyl-d14	20.19	244	41715	3.44	ng	0.02
Target Compounds						
9) Naphthalene	11.01	128	413	0.03	ng	# 54
11) 2-Methylnaphthalene	12.64	142	207	0.03	ng	# 83
21) Phenanthrene	17.62	178	658	0.04	ng	# 67
22) Anthracene	17.72	178	357	0.02	ng	# 89
23) Fluoranthene	19.63	202	2065	0.03	ng	# 90
25) Pyrene	19.98	202	2069	0.03	ng	# 92
29) Bis(2-ethylhexyl)phthalate	21.66	149	3807	0.32	ng	# 77

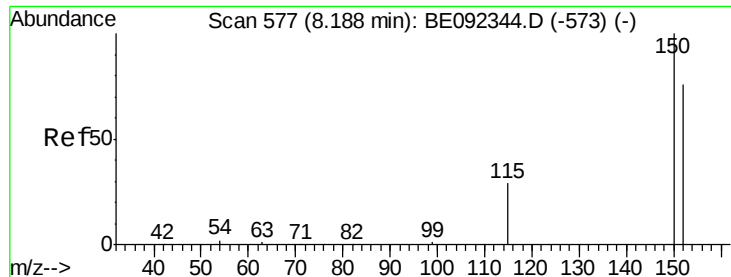
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092388.D

Acq: 16 Sep 2016 12:08

Instrument :

BNA_E

ClientSampleId :

T3TWP

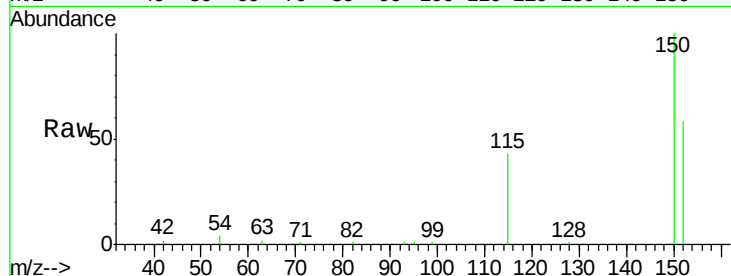
Tgt Ion:152 Resp: 12268

Ion Ratio Lower Upper

152 100

150 171.2 106.0 159.0#

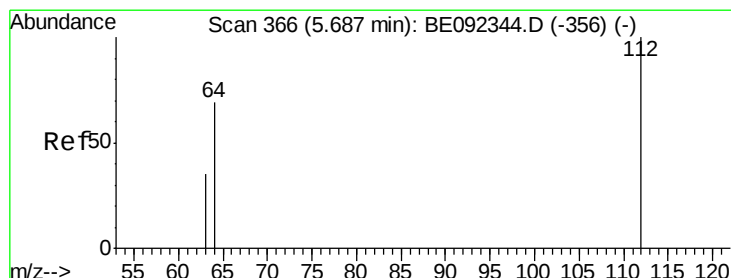
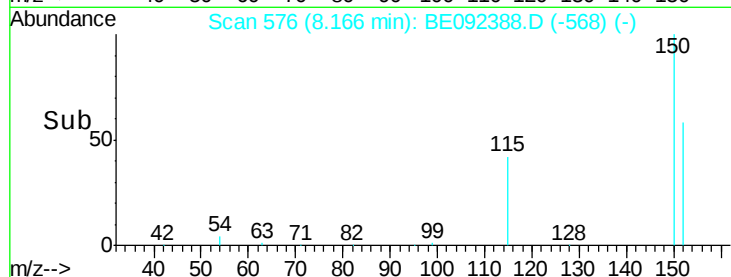
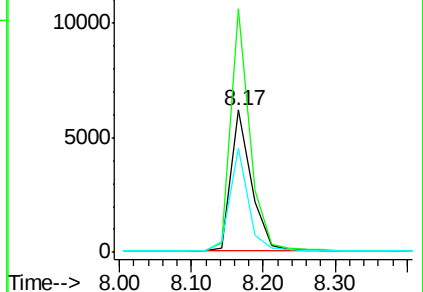
115 73.0 31.2 46.8#



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: 2.28 ng

RT: 5.68 min Scan# 364

Delta R.T. -0.01 min

Lab File: BE092388.D

Acq: 16 Sep 2016 12:08

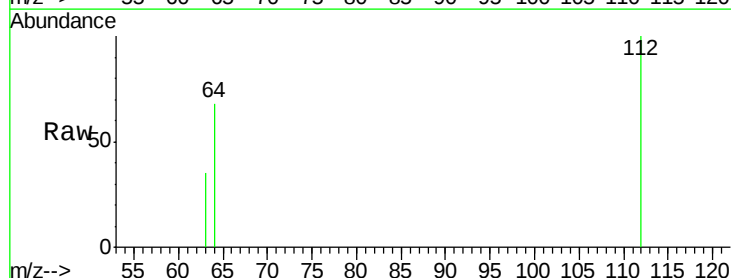
Tgt Ion:112 Resp: 6657

Ion Ratio Lower Upper

112 100

64 67.6 53.5 80.3

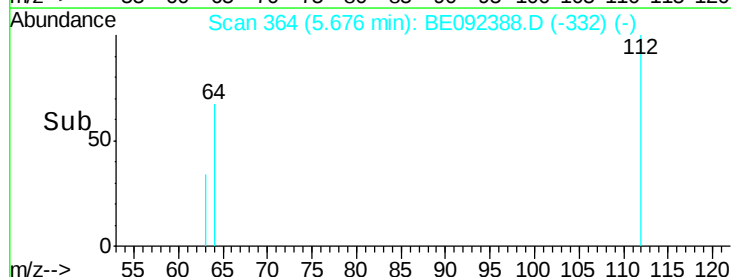
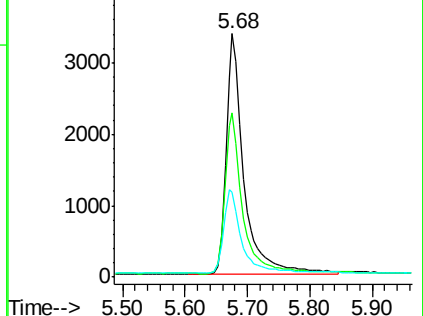
63 36.1 27.9 41.9

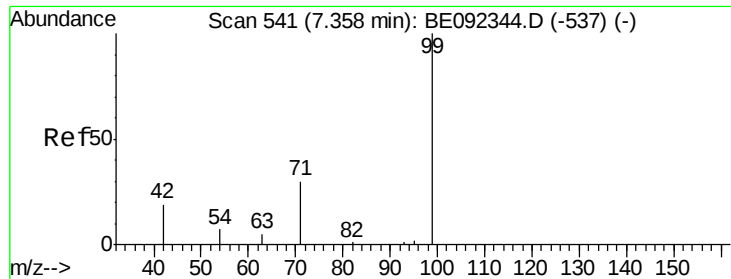


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.71 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092388.D

Acq: 16 Sep 2016 12:08

Instrument :

BNA_E

ClientSampleId :

T3TWP

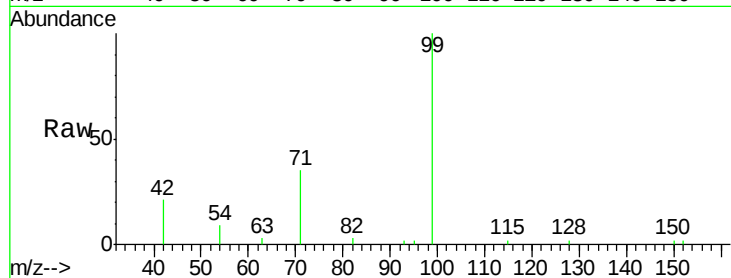
Tgt Ion: 99 Resp: 6656

Ion Ratio Lower Upper

99 100

42 21.8 16.0 24.0

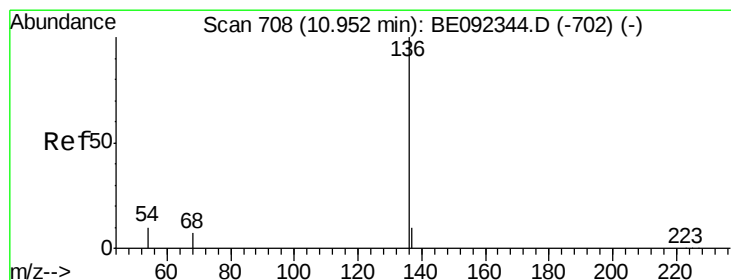
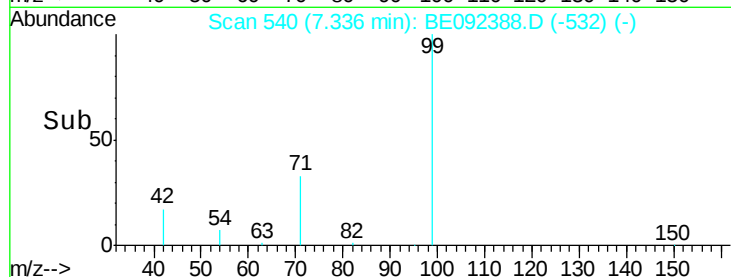
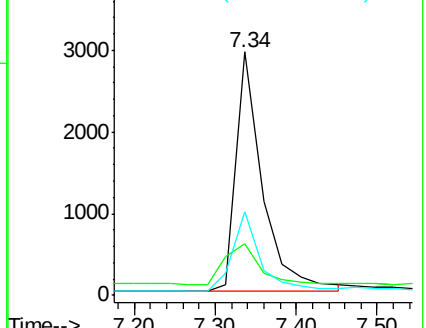
71 34.2 30.6 45.8



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: BE092388.D

Acq: 16 Sep 2016 12:08

Tgt Ion: 136 Resp: 52965

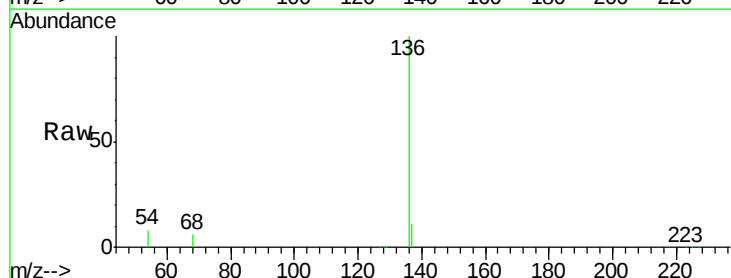
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.4

54 7.8 9.6 14.4#

68 5.8 6.7 10.1#

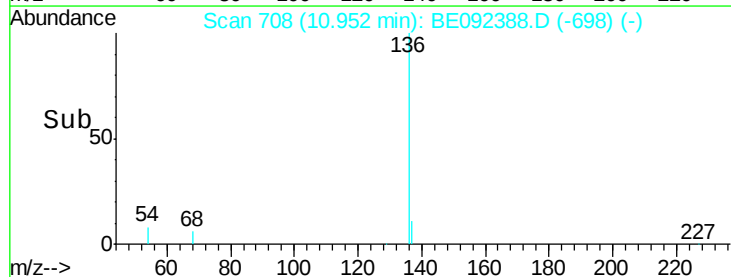
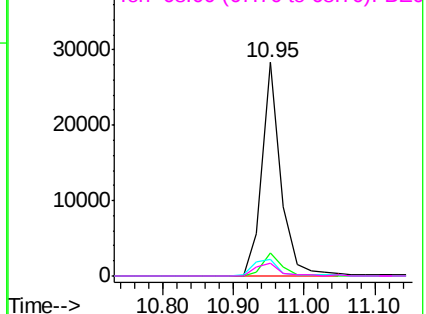


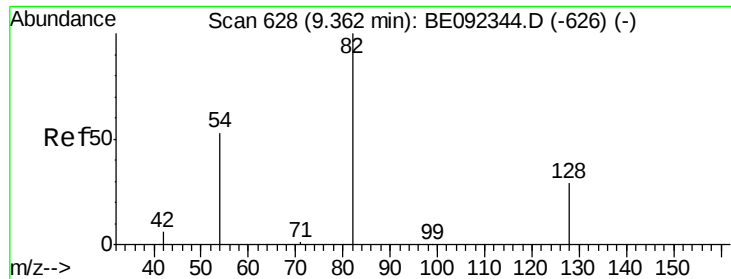
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.61 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092388.D

Acq: 16 Sep 2016 12:08

Instrument :

BNA_E

ClientSampleId :

T3TWP

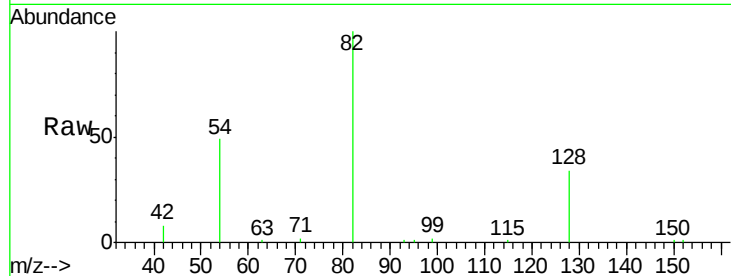
Tgt Ion: 82 Resp: 13729

Ion Ratio Lower Upper

82 100

128 33.6 39.0 58.4#

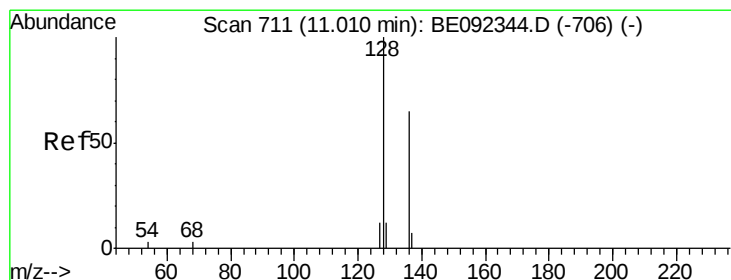
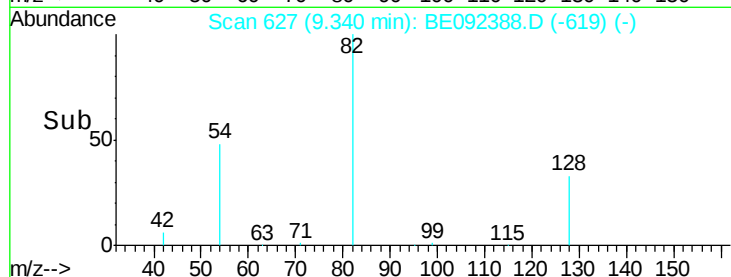
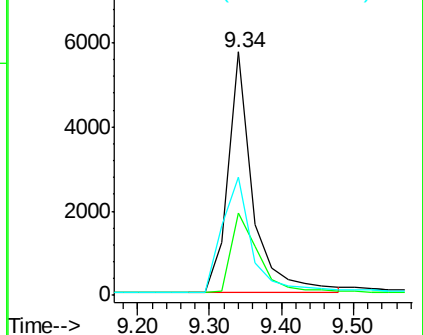
54 48.6 44.8 67.2



Abundance Ion 82.00 (81.70 to 82.70): BE092344.D (-626) (-)

Ion 128.00 (127.70 to 128.70): BE092344.D (-626) (-)

Ion 54.00 (53.70 to 54.70): BE092344.D (-626) (-)



#9

Naphthalene

Concen: 0.03 ng

RT: 11.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BE092388.D

Acq: 16 Sep 2016 12:08

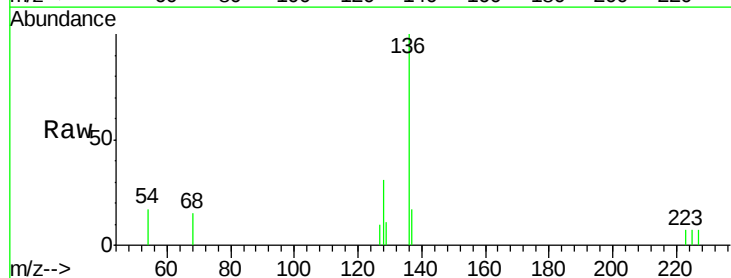
Tgt Ion: 128 Resp: 413

Ion Ratio Lower Upper

128 100

129 34.9 11.2 16.8#

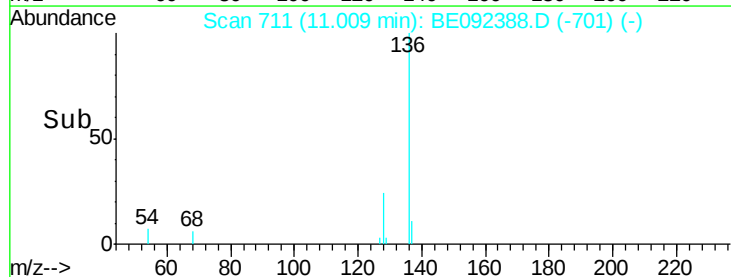
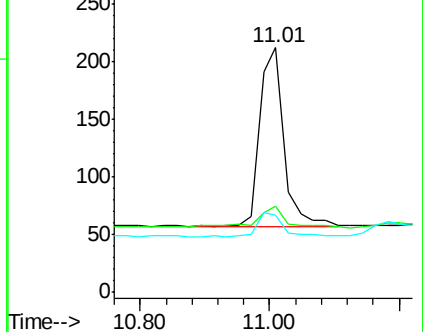
127 31.1 11.6 17.4#

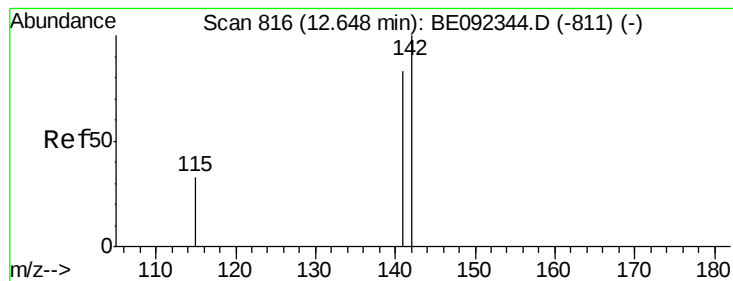


Abundance Ion 128.00 (127.70 to 128.70): BE092344.D (-706) (-)

Ion 129.00 (128.70 to 129.70): BE092344.D (-706) (-)

Ion 127.00 (126.70 to 127.70): BE092344.D (-706) (-)





#11

2-Methylnaphthalene

Concen: 0.03 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.01 min

Lab File: BE092388.D

Acq: 16 Sep 2016 12:08

Instrument :

BNA_E

ClientSampleId :

T3TWP

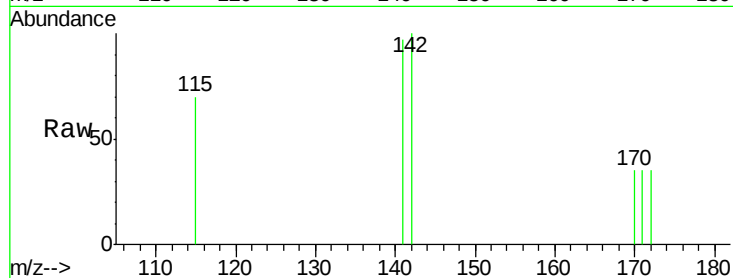
Tgt Ion:142 Resp: 207

Ion Ratio Lower Upper

142 100

141 96.9 73.7 110.5

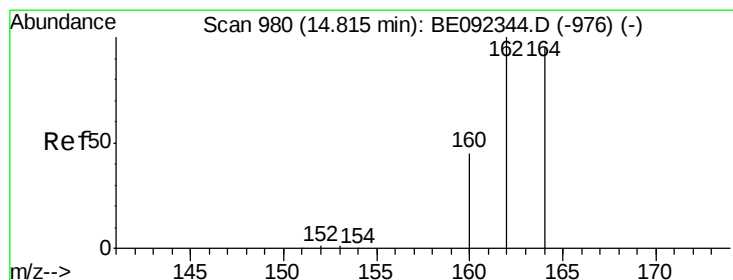
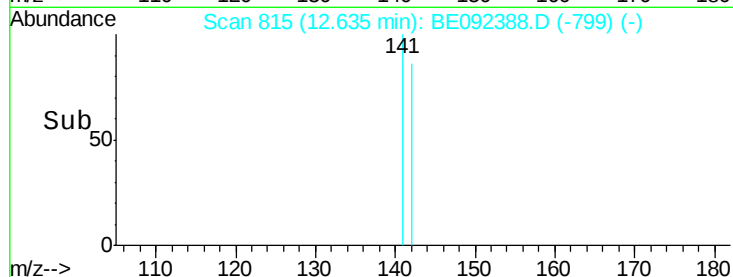
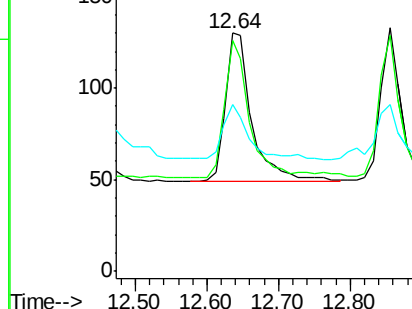
115 70.0 34.0 51.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092388.D

Acq: 16 Sep 2016 12:08

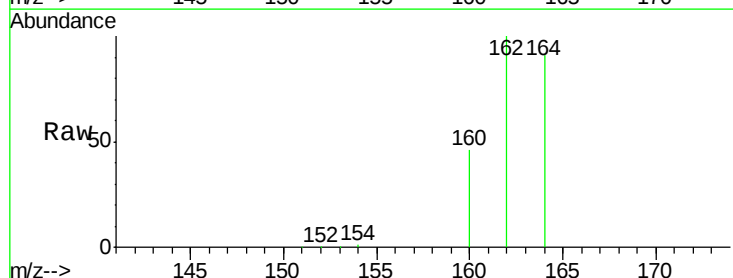
Tgt Ion:164 Resp: 34039

Ion Ratio Lower Upper

164 100

162 109.3 71.4 107.0#

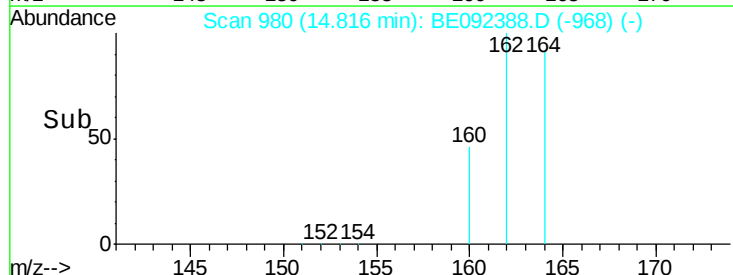
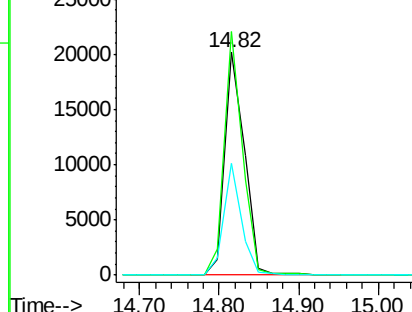
160 50.5 27.4 41.2#

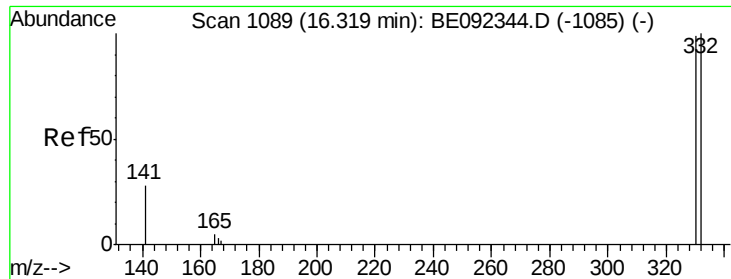


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

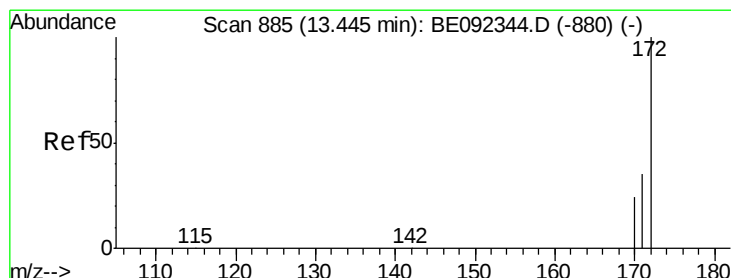
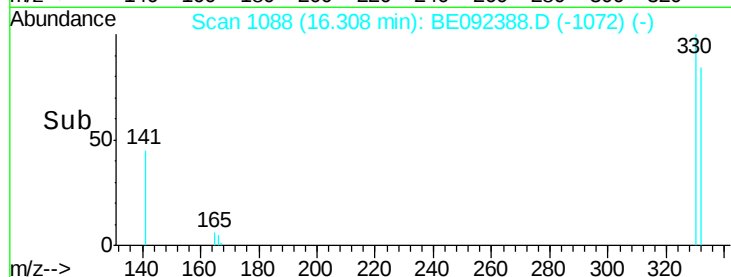
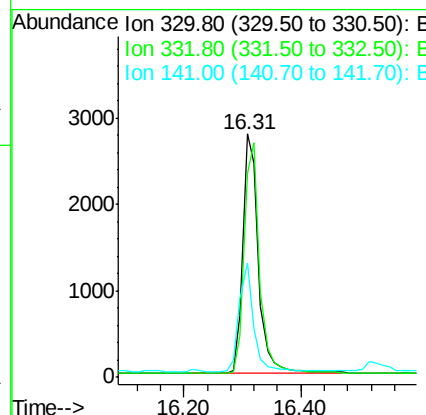
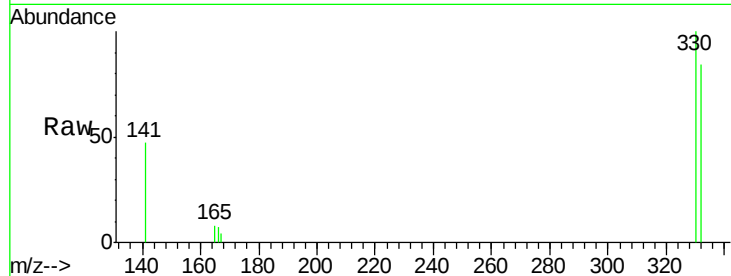




#13
 2,4,6-Tribromophenol
 Concen: 4.88 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092388.D
 Acq: 16 Sep 2016 12:08

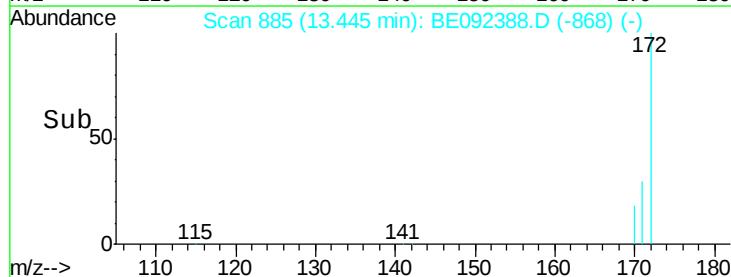
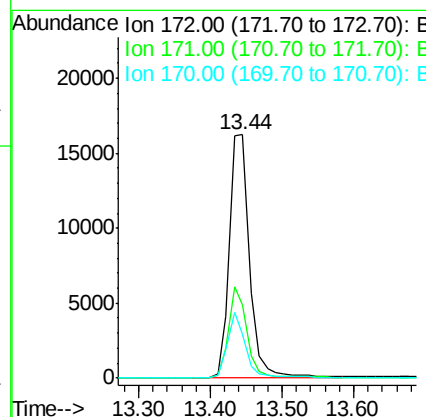
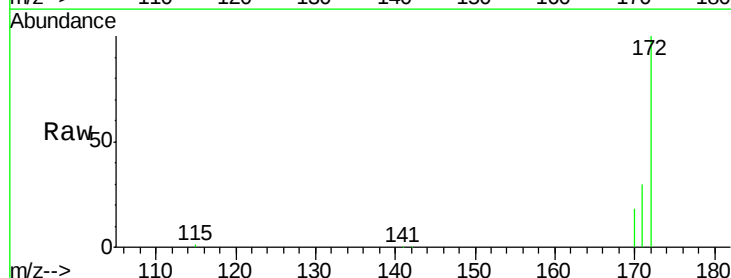
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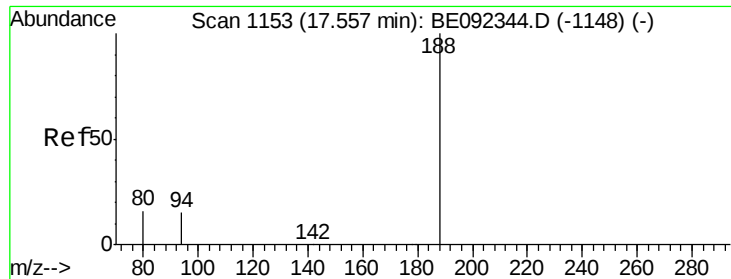
Tgt Ion:330 Resp: 5142
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 42.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.03 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092388.D
 Acq: 16 Sep 2016 12:08

Tgt Ion:172 Resp: 31597
 Ion Ratio Lower Upper
 172 100
 171 30.0 30.1 45.1#
 170 18.1 21.8 32.6#

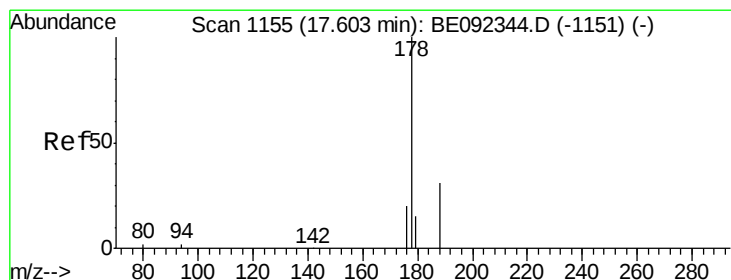
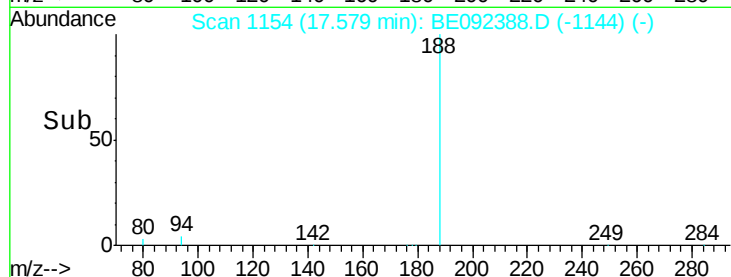
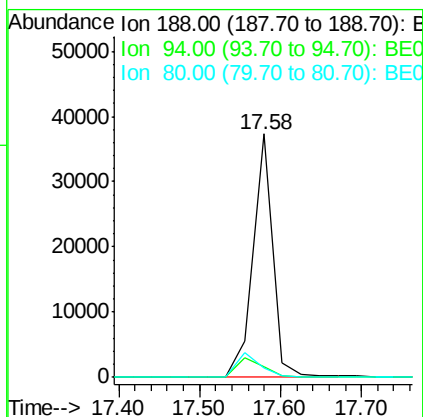
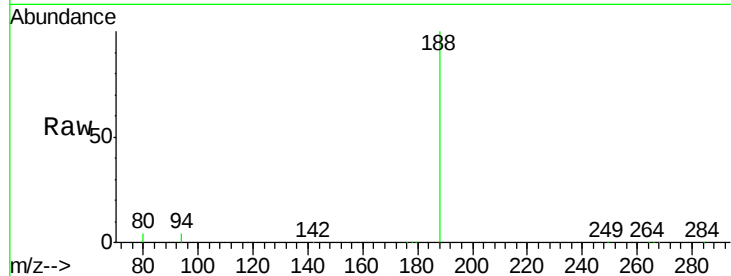




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE092388.D
Acq: 16 Sep 2016 12:08

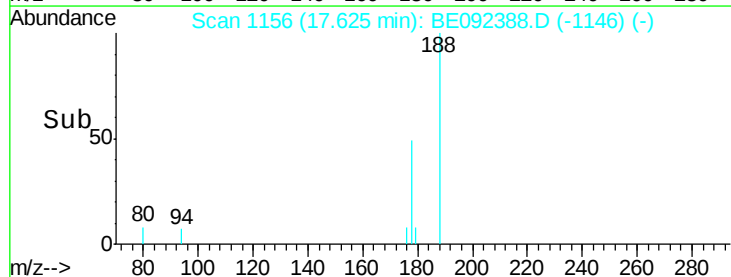
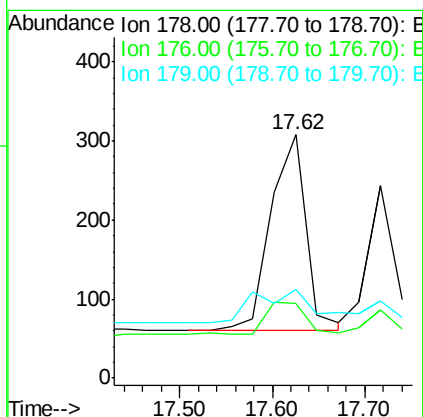
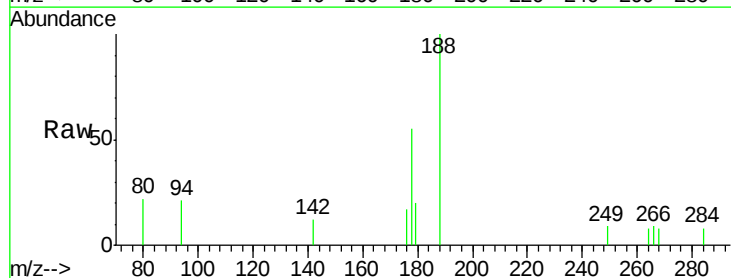
Instrument :
BNA_E
ClientSampleId :
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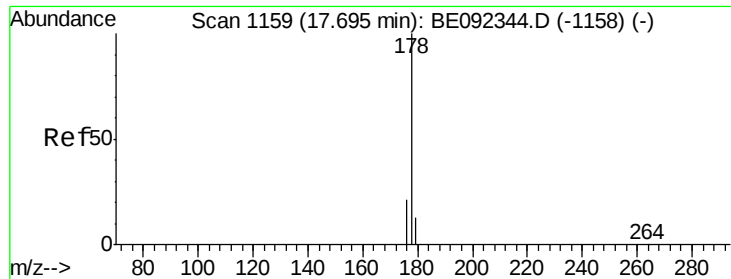
Tgt Ion:188 Resp: 63831
Ion Ratio Lower Upper
188 100
94 4.3 3.2 4.8
80 3.7 2.6 3.8



#21
Phenanthrene
Concen: 0.04 ng
RT: 17.62 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BE092388.D
Acq: 16 Sep 2016 12:08

Tgt Ion:178 Resp: 658
Ion Ratio Lower Upper
178 100
176 0.0 15.8 23.8#
179 30.7 16.0 24.0#





#22

Anthracene

Concen: 0.02 ng

RT: 17.72 min Scan# 1160

Delta R.T. 0.02 min

Lab File: BE092388.D

Acq: 16 Sep 2016 12:08

Instrument :

BNA_E

ClientSampleId :

T3TWP

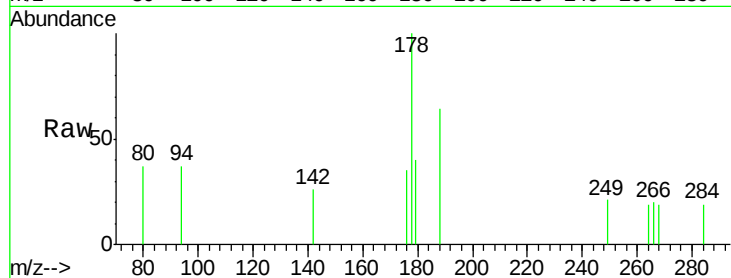
Tgt Ion:178 Resp: 357

Ion Ratio Lower Upper

178 100

176 17.1 15.0 22.4

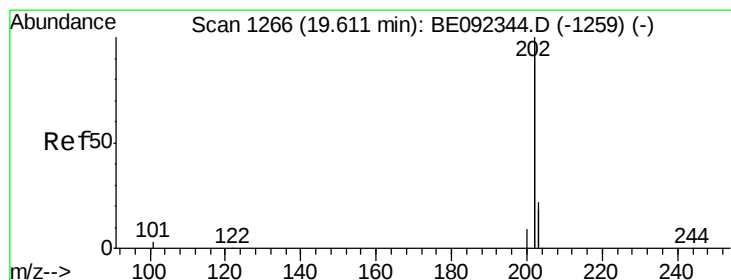
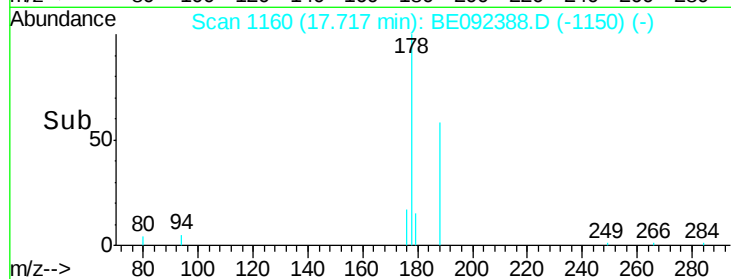
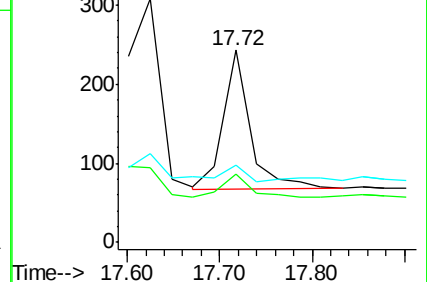
179 7.0 12.2 18.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#23

Fluoranthene

Concen: 0.03 ng

RT: 19.63 min Scan# 1267

Delta R.T. 0.02 min

Lab File: BE092388.D

Acq: 16 Sep 2016 12:08

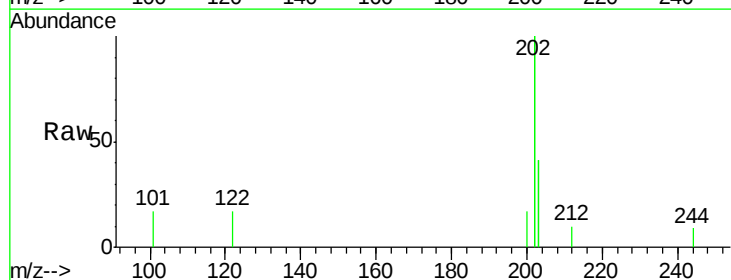
Tgt Ion:202 Resp: 2065

Ion Ratio Lower Upper

202 100

101 7.8 2.2 3.4#

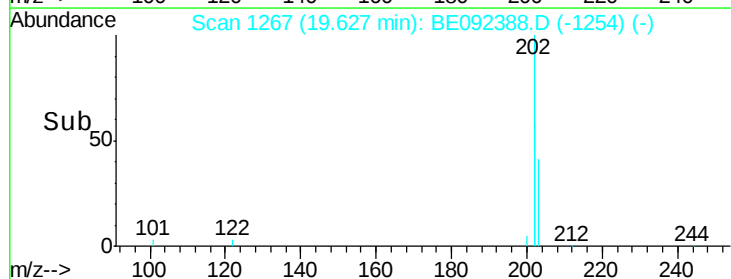
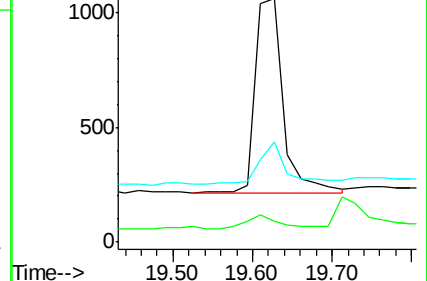
203 21.2 13.7 20.5#

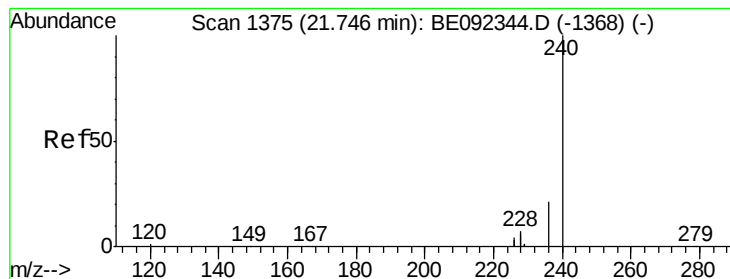


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.75 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE092388.D

Acq: 16 Sep 2016 12:08

Instrument :

BNA_E

ClientSampleId :

T3TWP

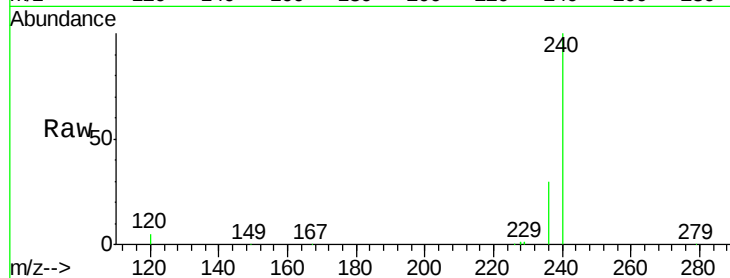
Tgt Ion:240 Resp: 81976

Ion Ratio Lower Upper

240 100

120 4.7 2.6 4.0#

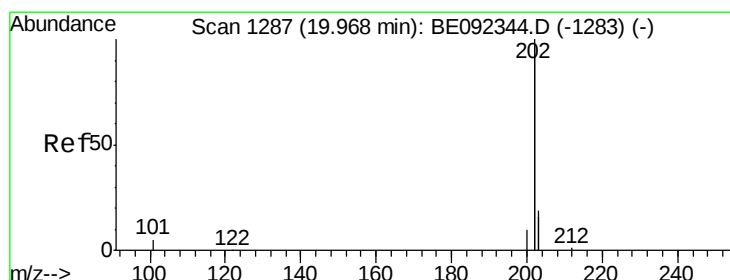
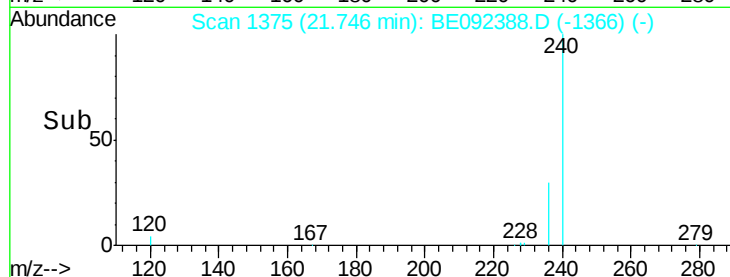
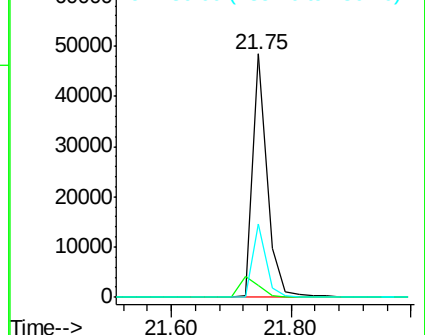
236 29.9 24.6 37.0



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

Pyrene

Concen: 0.03 ng

RT: 19.98 min Scan# 1288

Delta R.T. 0.02 min

Lab File: BE092388.D

Acq: 16 Sep 2016 12:08

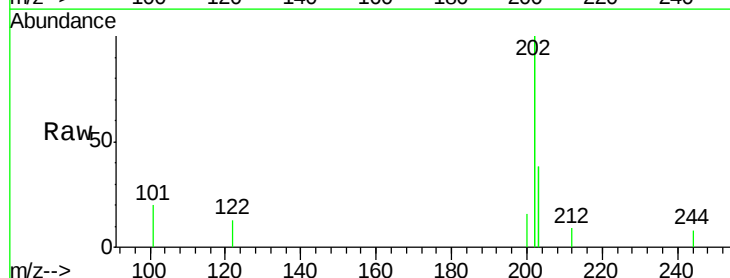
Tgt Ion:202 Resp: 2069

Ion Ratio Lower Upper

202 100

200 5.6 4.2 6.4

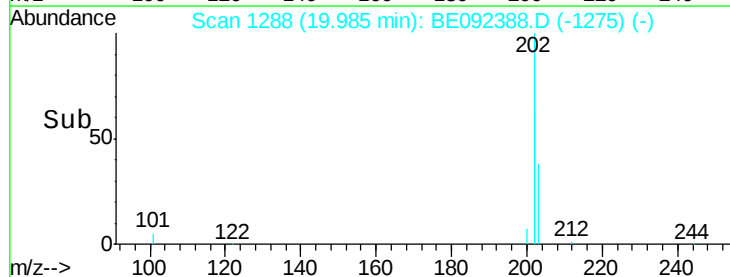
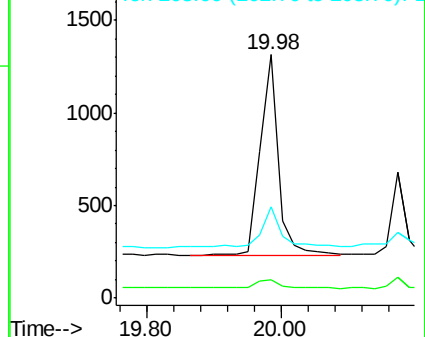
203 21.9 13.9 20.9#

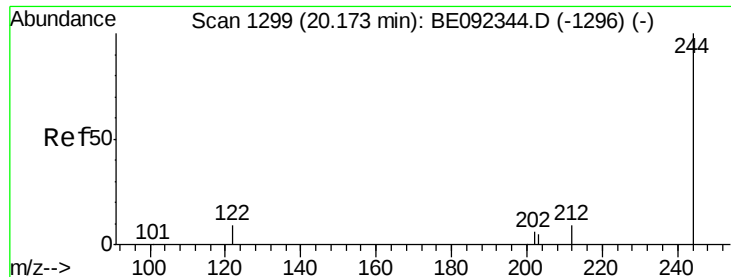


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

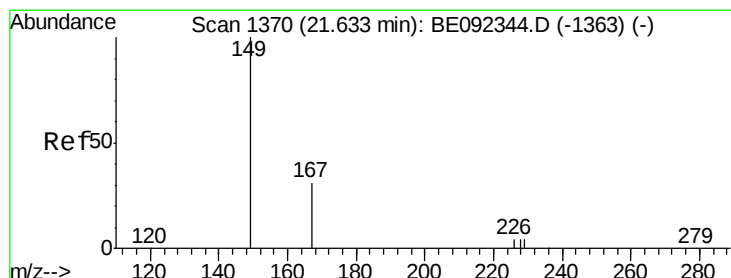
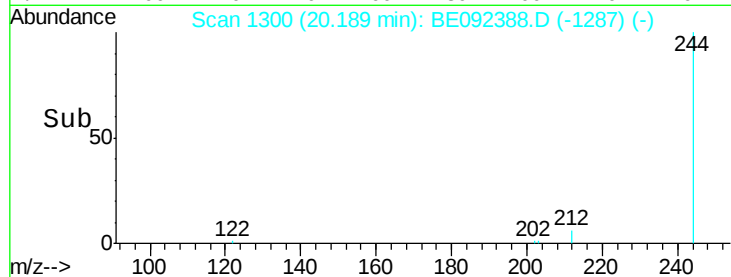
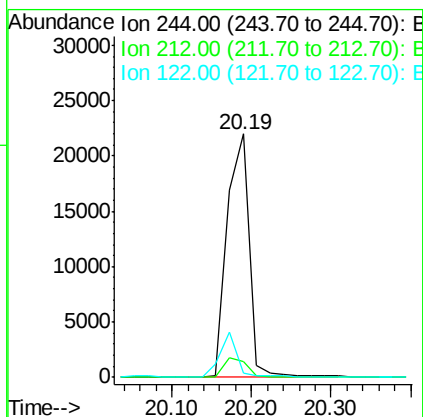
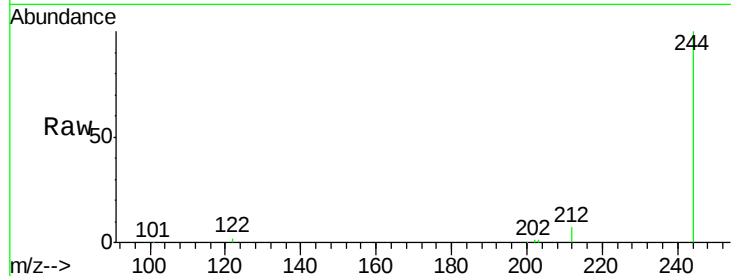




#26
 Terphenyl-d14
 Concen: 3.44 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.02 min
 Lab File: BE092388.D
 Acq: 16 Sep 2016 12:08

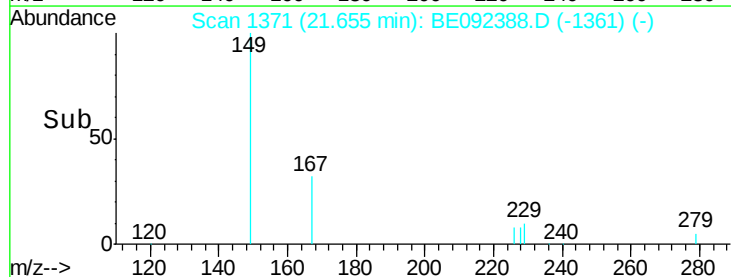
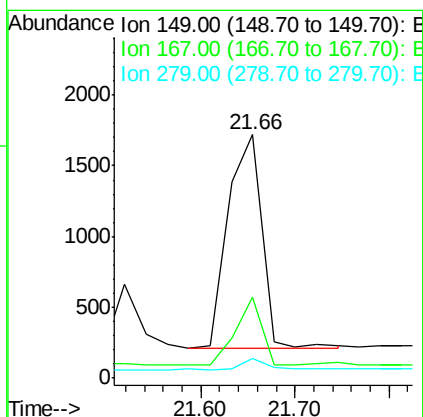
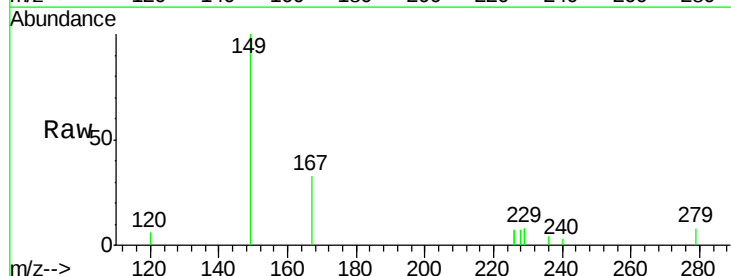
Instrument :
 BNA_E
 ClientSampleId :
 T3TWP

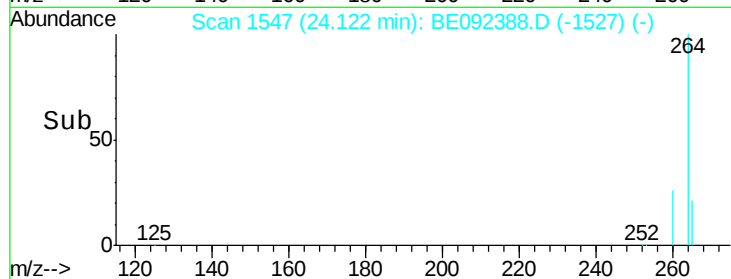
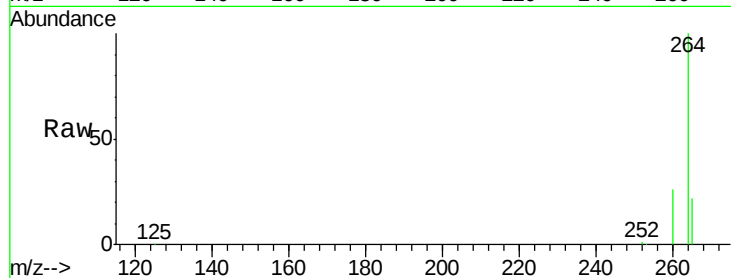
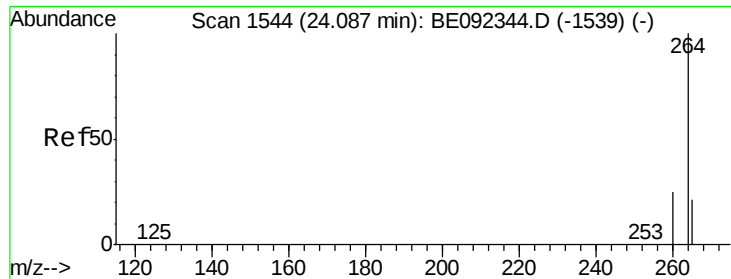
Tgt Ion: 244 Resp: 41715
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.7 10.1#
 122 1.6 3.6 5.4#



#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.32 ng
 RT: 21.66 min Scan# 1371
 Delta R.T. 0.02 min
 Lab File: BE092388.D
 Acq: 16 Sep 2016 12:08

Tgt Ion: 149 Resp: 3807
 Ion Ratio Lower Upper
 149 100
 167 24.9 16.0 24.0#
 279 4.0 16.0 24.0#





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.12 min Scan# 1547

Delta R.T. 0.04 min

Lab File: BE092388.D

Acq: 16 Sep 2016 12:08

Instrument :

BNA_E

ClientSampleId :

T3TWP

Tgt Ion: 264 Resp: 85619

Ion Ratio Lower Upper

264 100

260 25.9 20.1 30.1

265 21.7 17.9 26.9

