

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111716\
 Data File : BE092560.D
 Acq On : 17 Nov 2016 15:38
 Operator : UM/SJ
 Sample : H5636-08DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C19023041DL

Quant Time: Nov 18 13:34:10 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 15:43:18 2016
 Response via : Initial Calibration

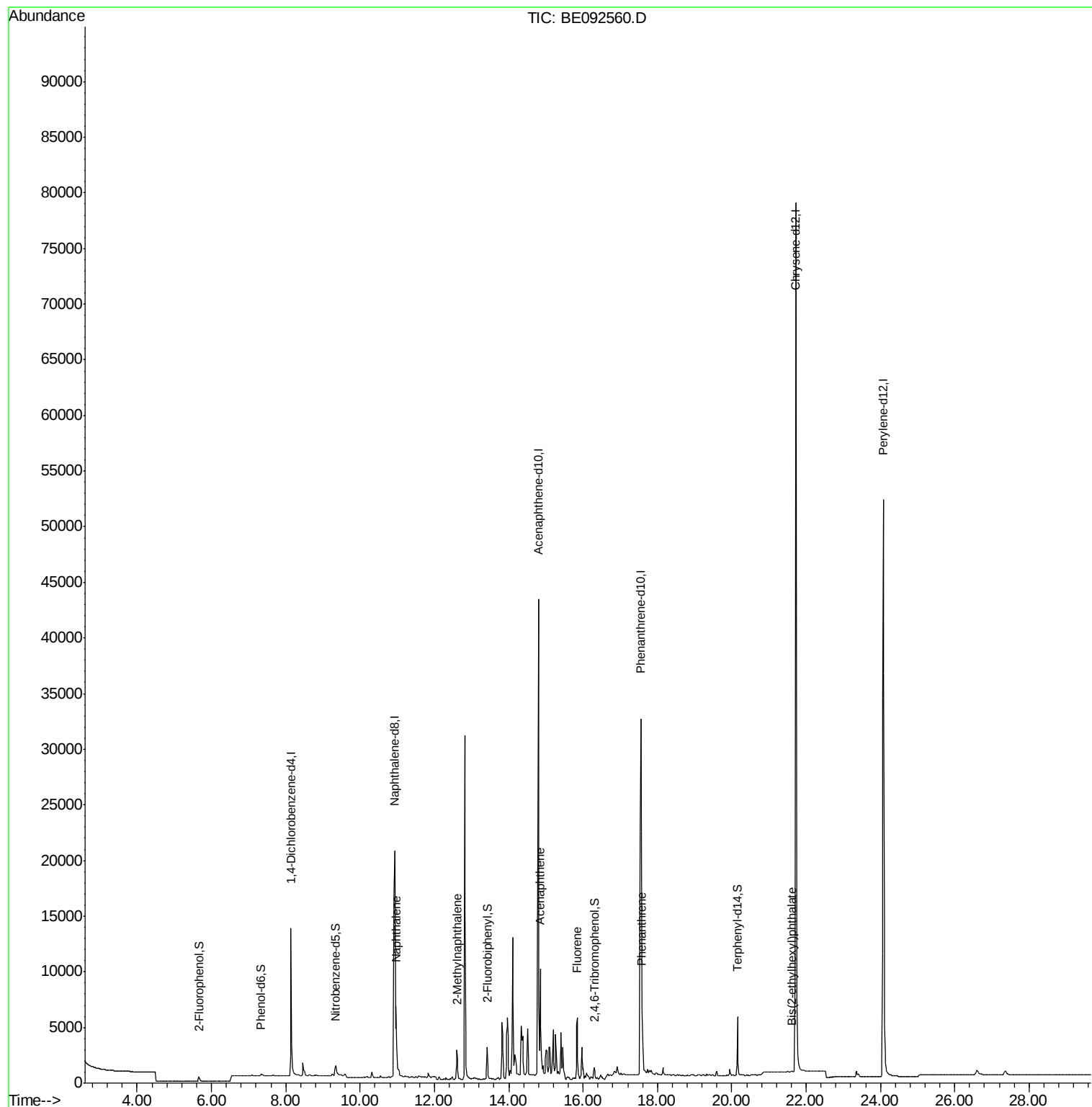
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8054	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	38907	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	29076	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	61854	5.00	ng	0.00
24) Chrysene-d12	21.72	240	93002	5.00	ng	0.00
31) Perylene-d12	24.08	264	76420	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	655	0.48	ng	-0.02
5) Phenol-d6	7.34	99	517	0.34	ng	-0.02
8) Nitrobenzene-d5	9.34	82	1132	0.52	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	776	1.19	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	3610	0.51	ng	-0.01
26) Terphenyl-d14	20.16	244	6360	0.60	ng	-0.02
Target Compounds						Qvalue
9) Naphthalene	10.97	128	9731	1.21	ng	99
11) 2-Methylnaphthalene	12.60	142	2498	0.49	ng	97
16) Acenaphthene	14.85	154	2147	0.33	ng	# 81
17) Fluorene	15.85	166	4488	0.55	ng	# 96
21) Phenanthrene	17.58	178	7430	0.54	ng	99
29) Bis(2-ethylhexyl)phthalate	21.61	149	166	0.15	ng	# 56

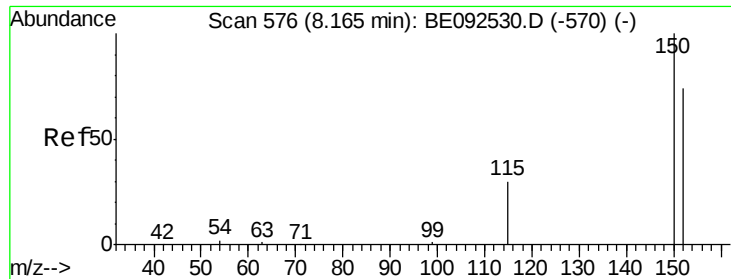
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 16 15:43:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092560.D

Acq: 17 Nov 2016 15:38

Instrument :

BNA_E

ClientSampleId :

C19023041DL

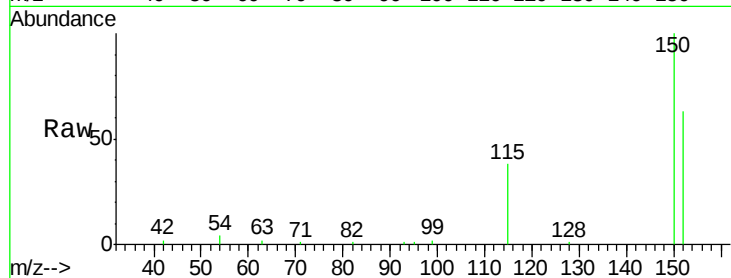
Tot Ion:152 Resp: 8054

Ion Ratio Lower Upper

152 100

150 157.9 106.0 159.0

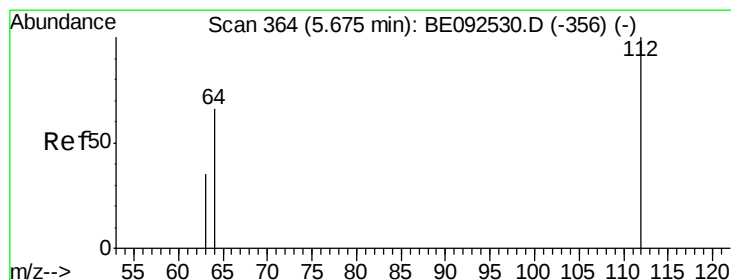
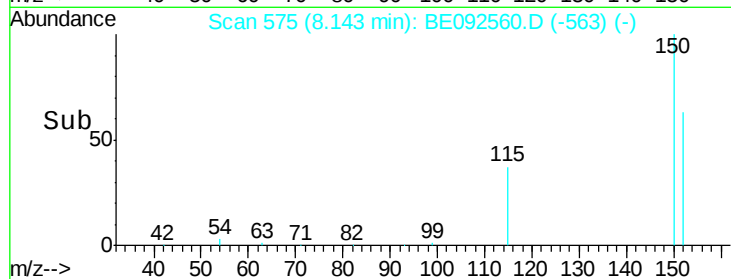
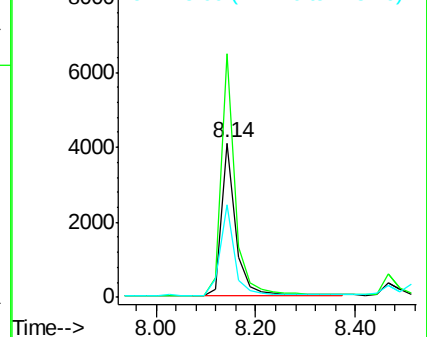
115 60.1 31.2 46.8#



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: 0.48 ng

RT: 5.66 min Scan# 361

Delta R.T. -0.02 min

Lab File: BE092560.D

Acq: 17 Nov 2016 15:38

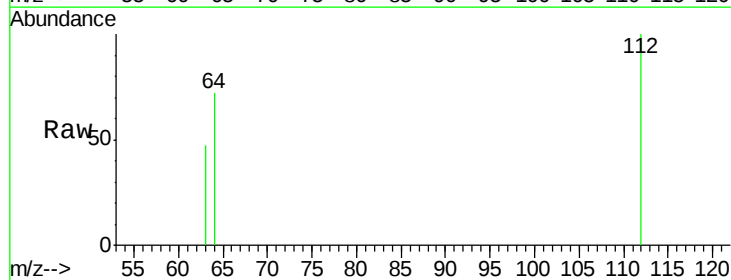
Tgt Ion:112 Resp: 655

Ion Ratio Lower Upper

112 100

64 69.6 53.5 80.3

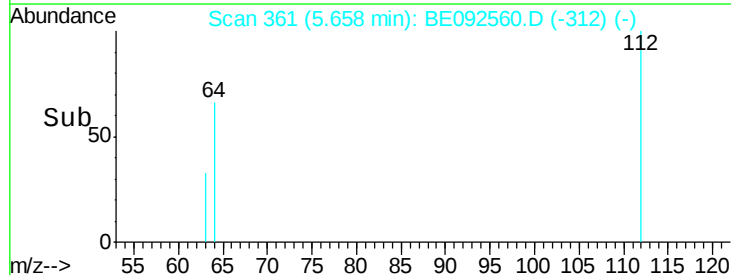
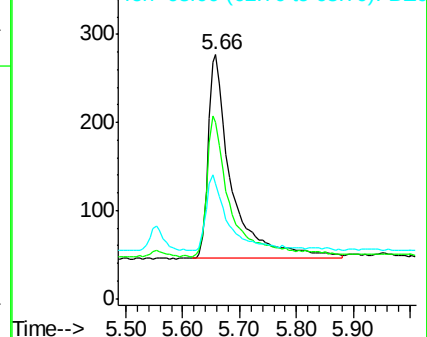
63 34.8 27.9 41.9

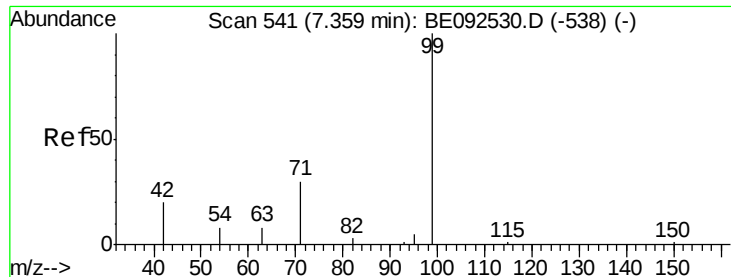


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.34 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092560.D

Acq: 17 Nov 2016 15:38

Instrument :

BNA_E

ClientSampleId :

C19023041DL

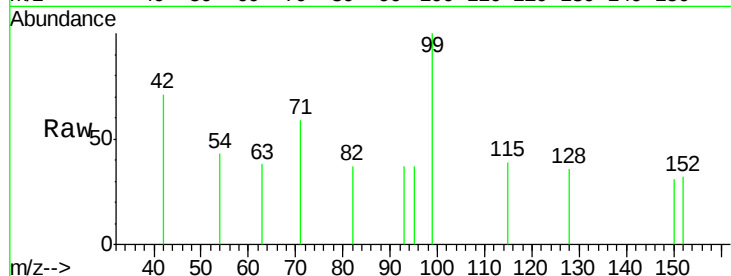
Tot Ion: 99 Resp: 517

Ion Ratio Lower Upper

99 100

42 20.3 16.0 24.0

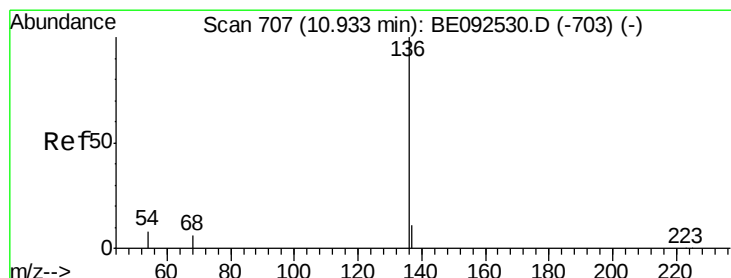
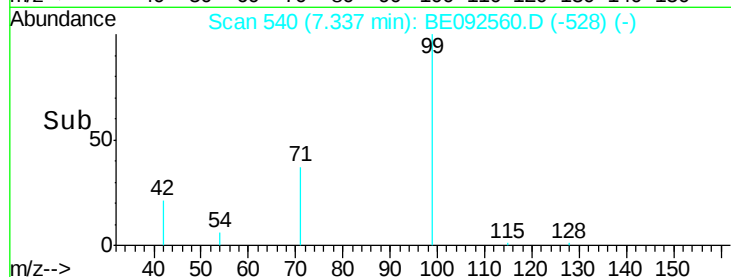
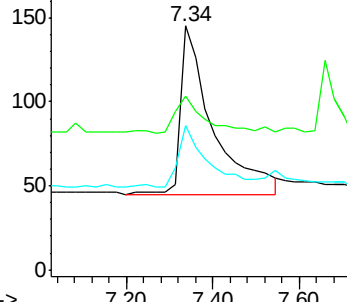
71 33.7 30.6 45.8



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: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092560.D

Acq: 17 Nov 2016 15:38

Tgt Ion: 136 Resp: 38907

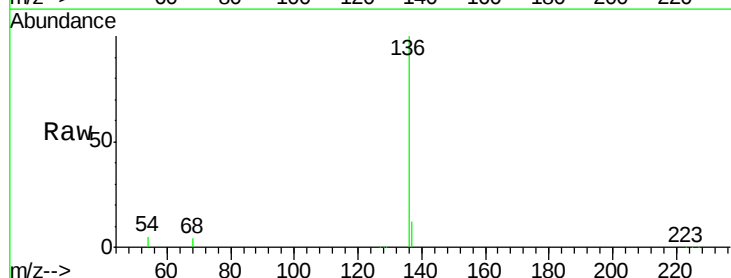
Ion Ratio Lower Upper

136 100

137 11.9 8.2 12.4

54 5.0 9.6 14.4#

68 4.0 6.7 10.1#

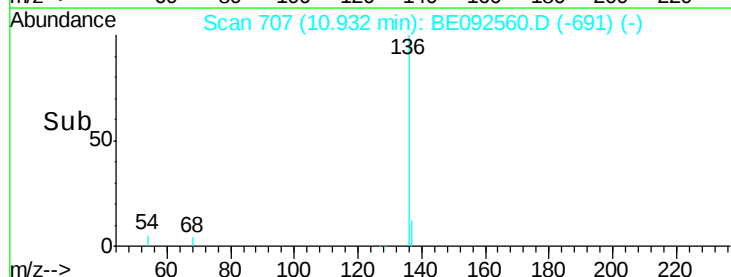
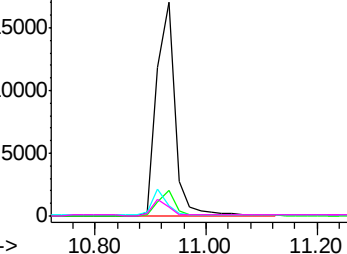


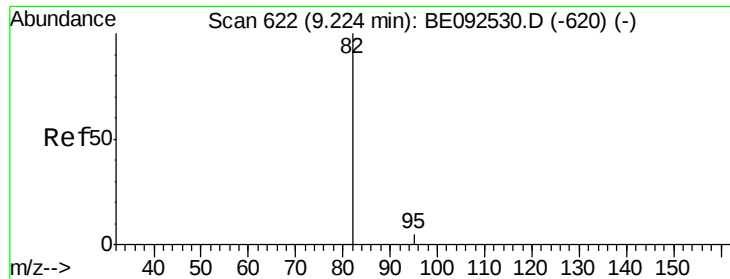
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.52 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092560.D

Acq: 17 Nov 2016 15:38

Instrument :

BNA_E

ClientSampleId :

C19023041DL

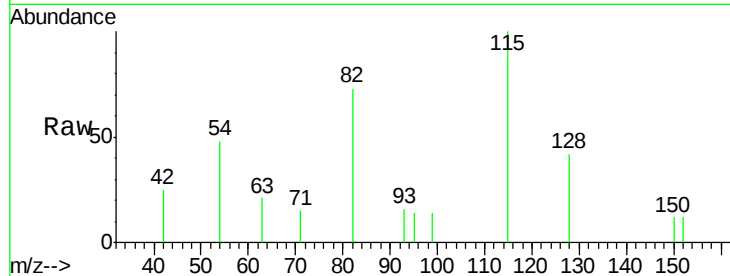
Tot Ion: 82 Resp: 1132

Ion Ratio Lower Upper

82 100

128 57.7 39.0 58.4

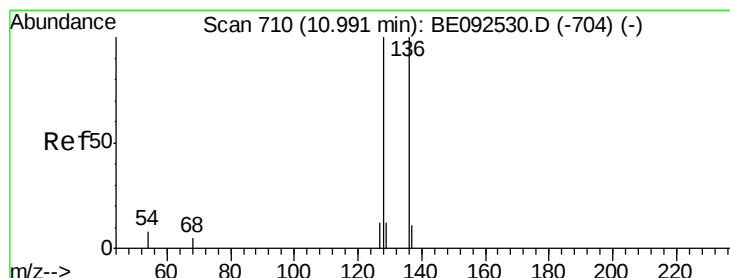
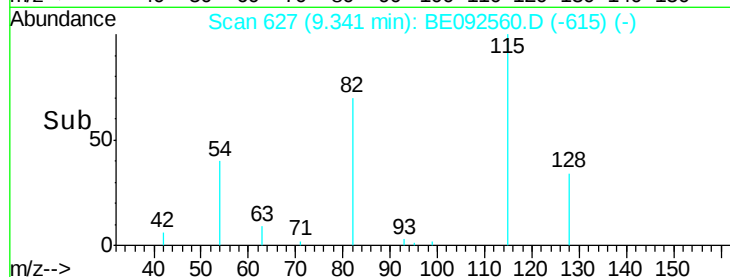
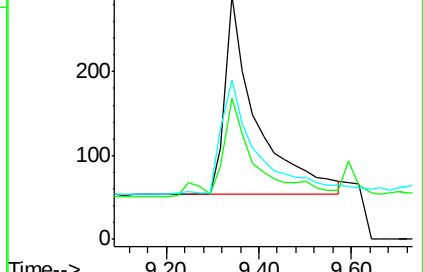
54 65.3 44.8 67.2



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



#9

Naphthalene

Concen: 1.21 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.02 min

Lab File: BE092560.D

Acq: 17 Nov 2016 15:38

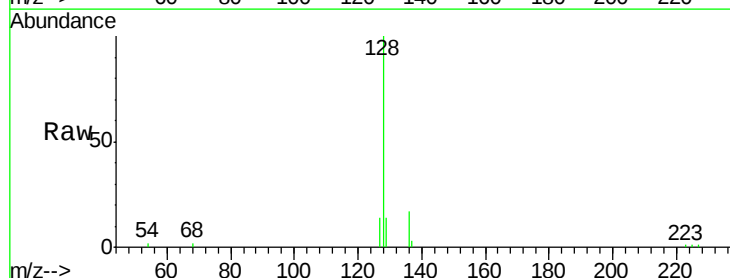
Tgt Ion: 128 Resp: 9731

Ion Ratio Lower Upper

128 100

129 13.8 11.2 16.8

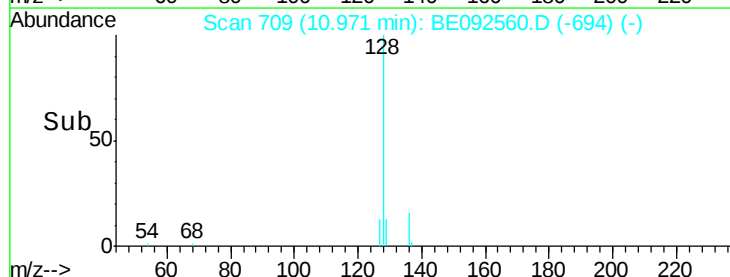
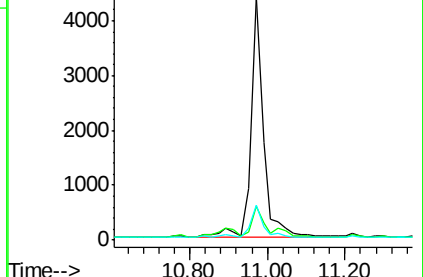
127 14.3 11.6 17.4

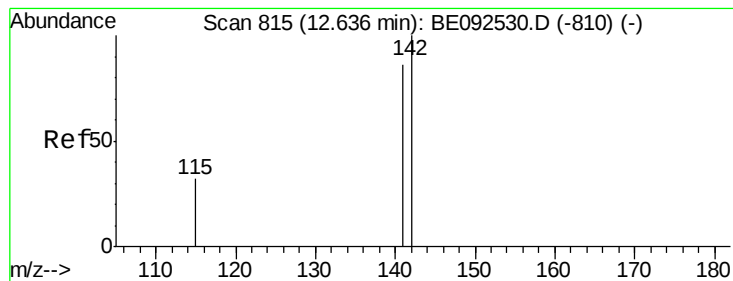


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene

Concen: 0.49 ng

RT: 12.60 min Scan# 812

Delta R.T. -0.04 min

Lab File: BE092560.D

Acq: 17 Nov 2016 15:38

Instrument :

BNA_E

ClientSampleId :

C19023041DL

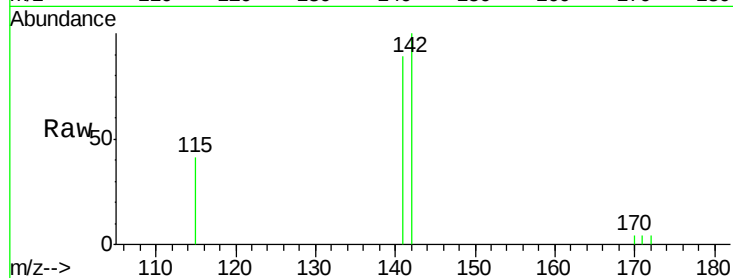
Tot Ion:142 Resp: 2498

Ion Ratio Lower Upper

142 100

141 89.2 73.7 110.5

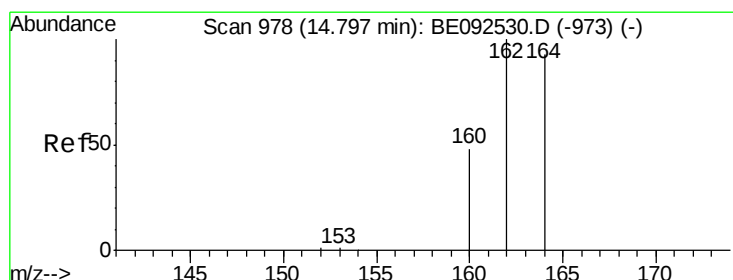
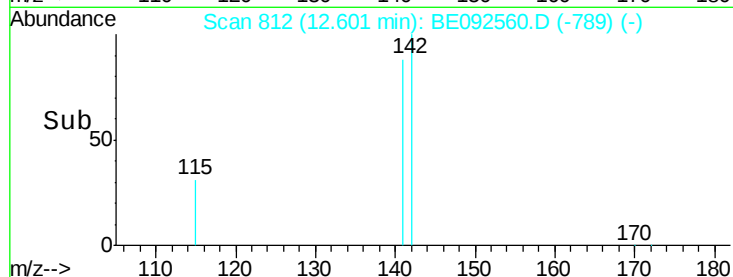
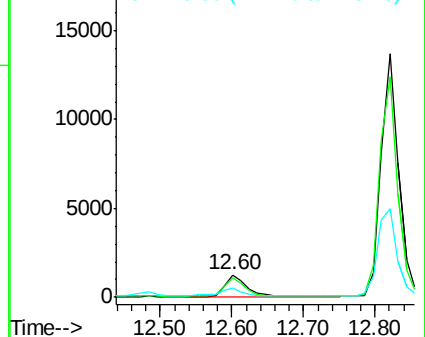
115 40.8 34.0 51.0



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: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092560.D

Acq: 17 Nov 2016 15:38

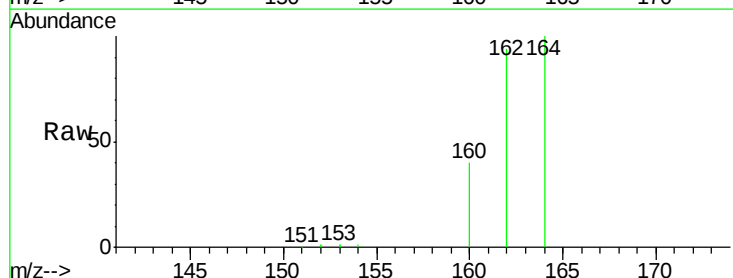
Tgt Ion:164 Resp: 29076

Ion Ratio Lower Upper

164 100

162 94.3 71.4 107.0

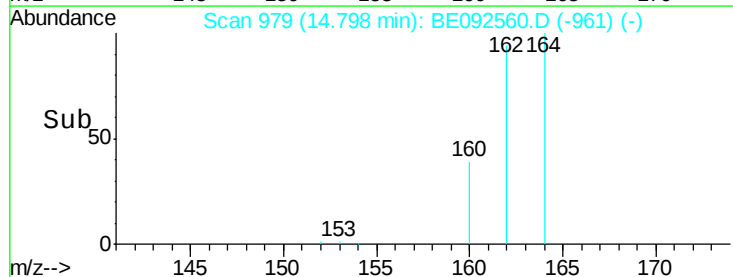
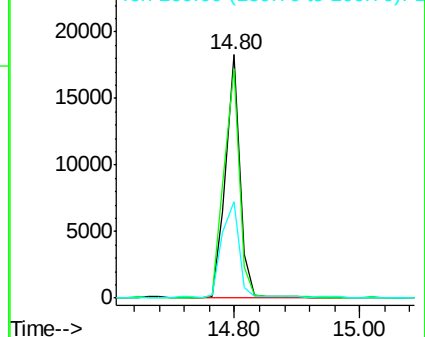
160 39.6 27.4 41.2

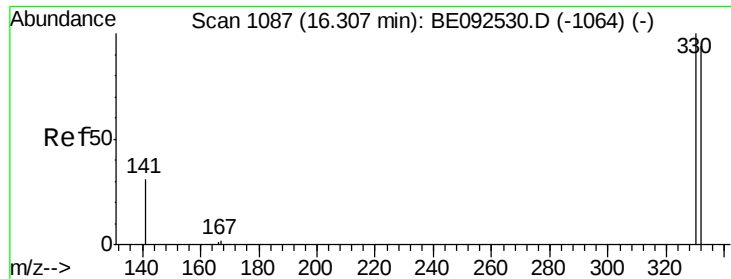


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

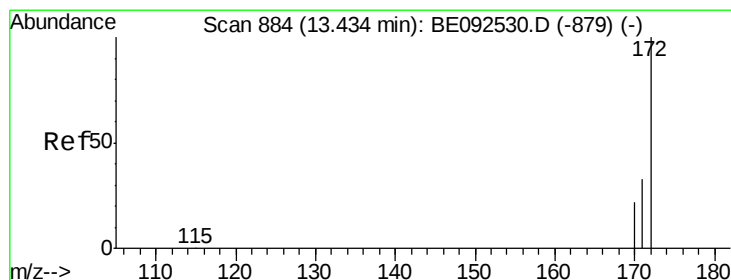
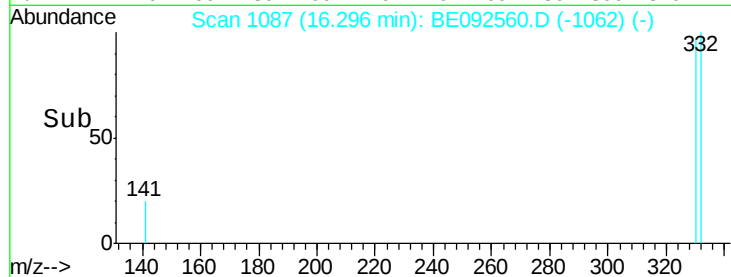
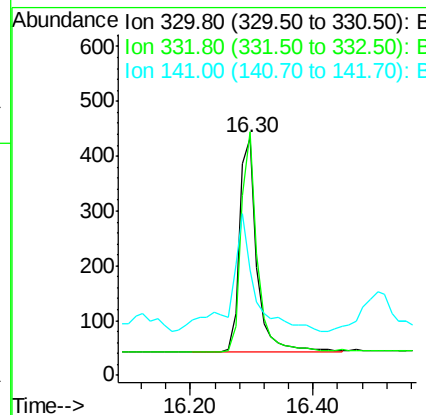
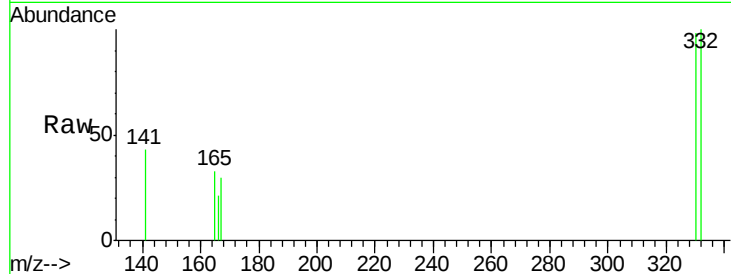




#13
 2,4,6-Tribromophenol
 Concen: 1.19 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092560.D
 Acq: 17 Nov 2016 15:38

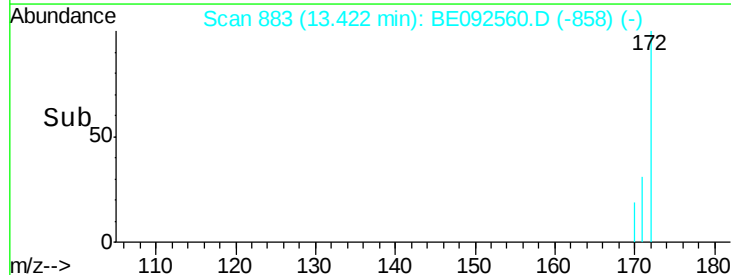
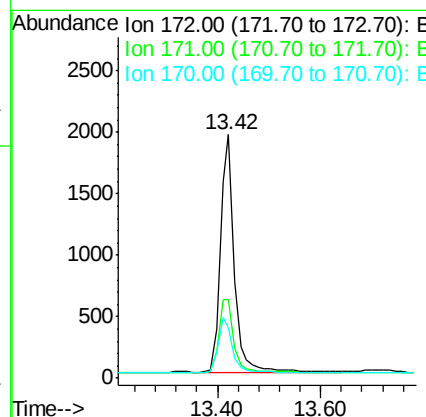
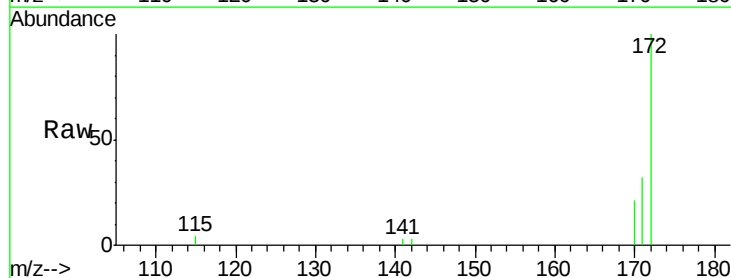
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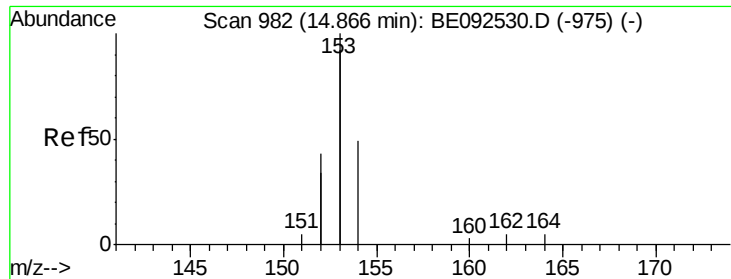
Tot Ion:330 Resp: 776
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.4 113.0
 141 74.1 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 0.51 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092560.D
 Acq: 17 Nov 2016 15:38

Tgt Ion:172 Resp: 3610
 Ion Ratio Lower Upper
 172 100
 171 32.4 30.1 45.1
 170 20.6 21.8 32.6#





#16

Acenaphthene

Concen: 0.33 ng

RT: 14.85 min Scan# 982

Delta R.T. -0.02 min

Lab File: BE092560.D

Acq: 17 Nov 2016 15:38

Instrument :

BNA_E

ClientSampleId :

C19023041DL

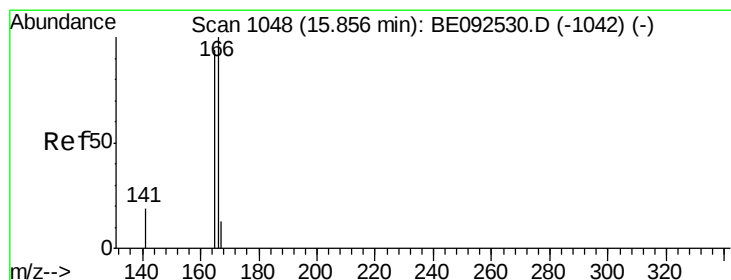
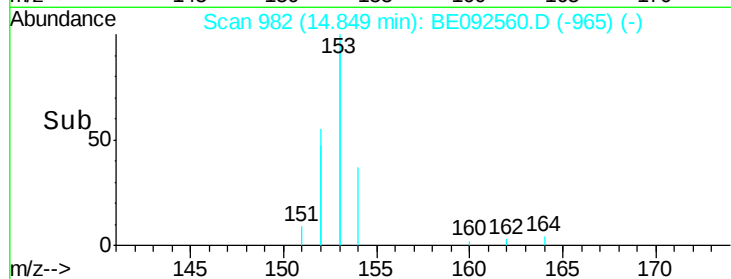
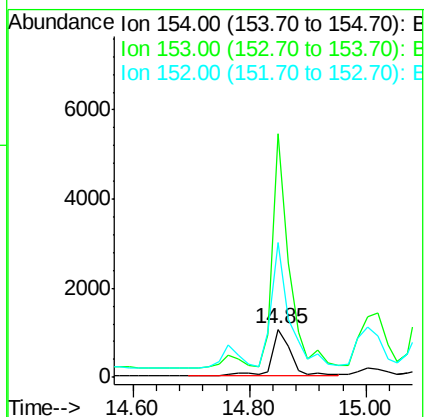
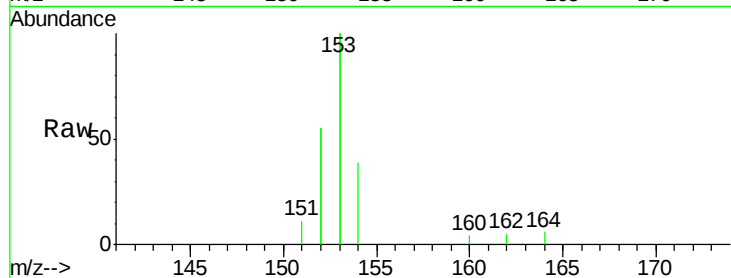
Tot Ion:154 Resp: 2147

Ion Ratio Lower Upper

154 100

153 464.7 350.8 526.2

152 270.5 171.1 256.7#



#17

Fluorene

Concen: 0.55 ng

RT: 15.85 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BE092560.D

Acq: 17 Nov 2016 15:38

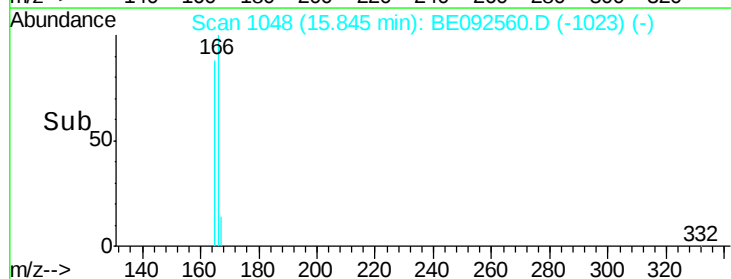
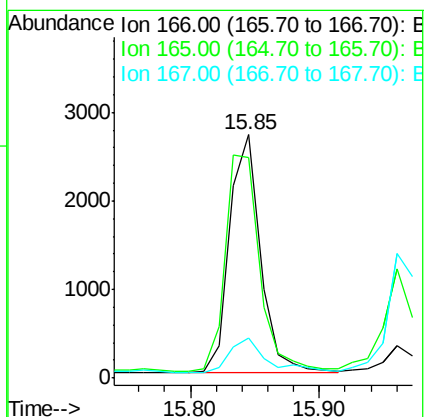
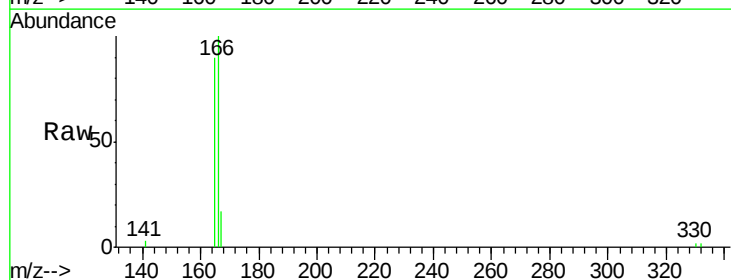
Tgt Ion:166 Resp: 4488

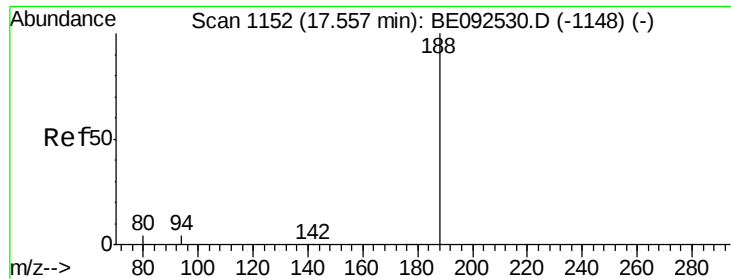
Ion Ratio Lower Upper

166 100

165 100.8 78.2 117.4

167 18.2 11.0 16.4#

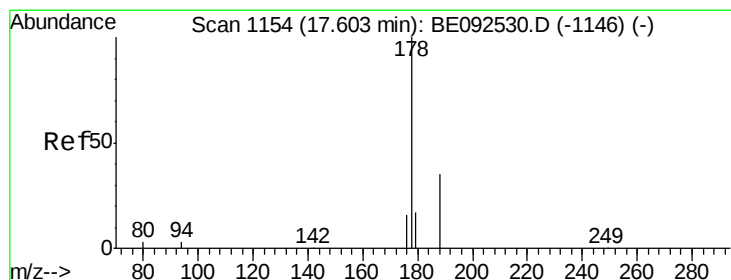
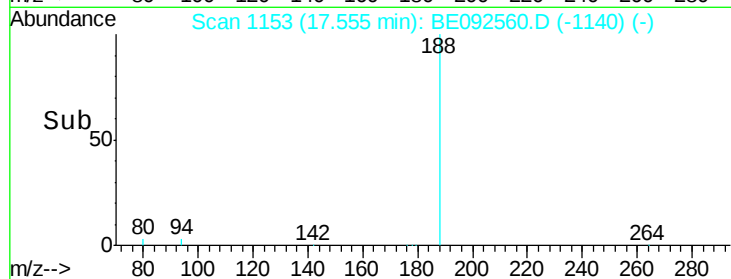
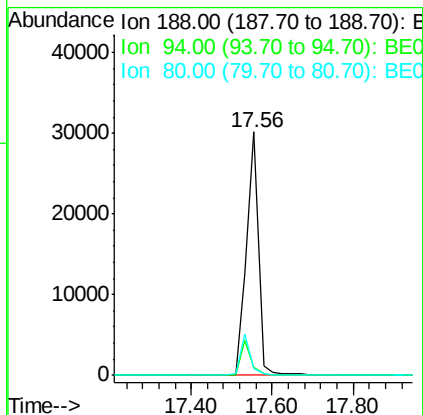
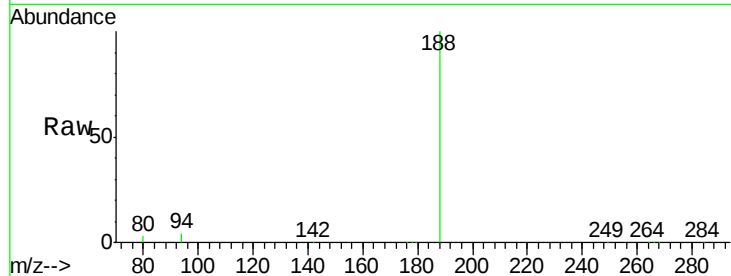




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092560.D
Acq: 17 Nov 2016 15:38

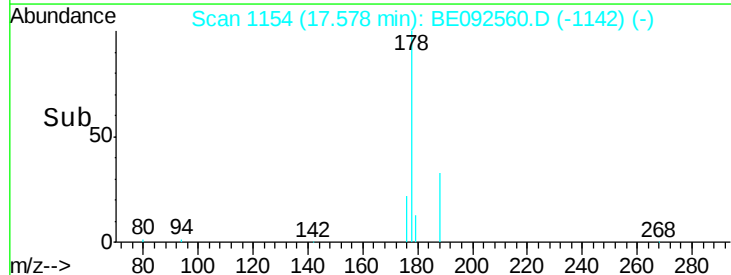
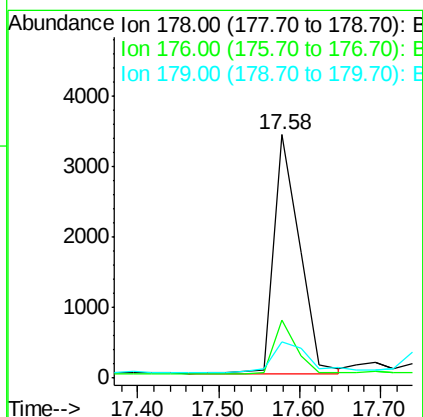
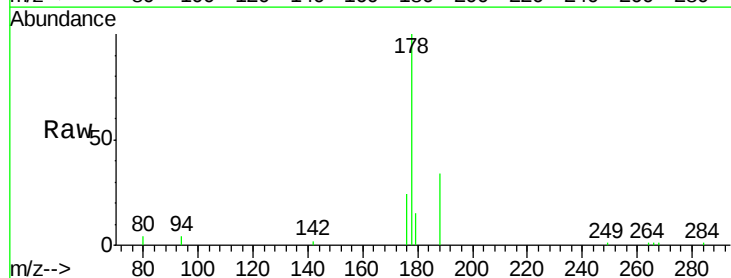
Instrument :
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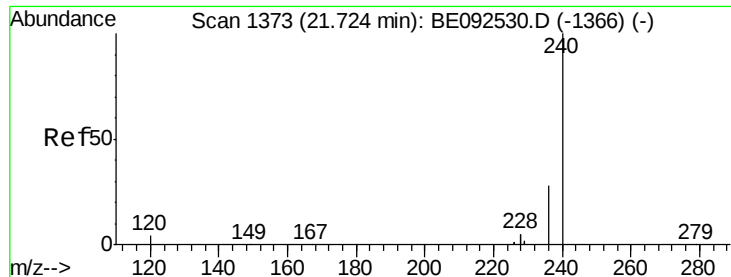
Tot Ion:188 Resp: 61854
Ion Ratio Lower Upper
188 100
94 3.5 3.2 4.8
80 2.9 2.6 3.8



#21
Phenanthrene
Concen: 0.54 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BE092560.D
Acq: 17 Nov 2016 15:38

Tgt Ion:178 Resp: 7430
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 19.4 16.0 24.0





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092560.D

Acq: 17 Nov 2016 15:38

Instrument :

BNA_E

ClientSampleId :

C19023041DL

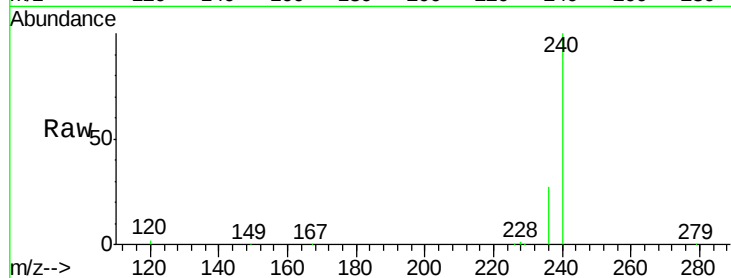
Tot Ion:240 Resp: 93002

Ion Ratio Lower Upper

240 100

120 2.0 2.6 4.0#

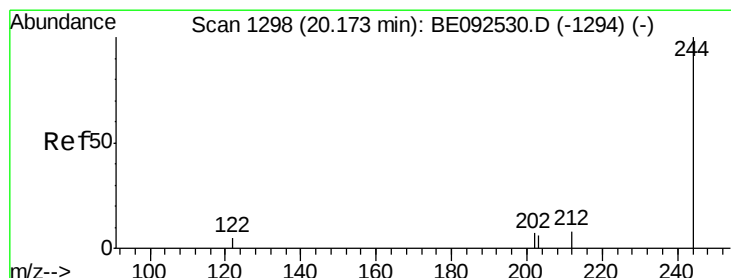
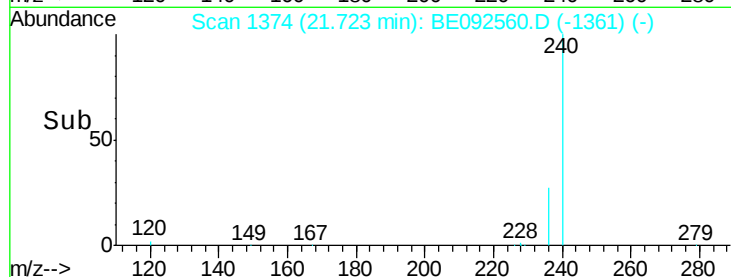
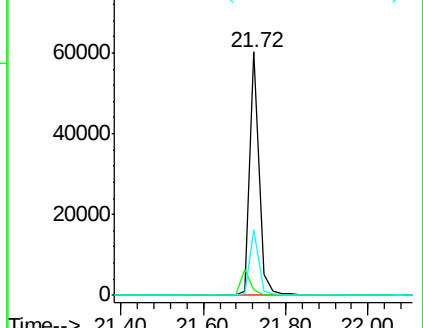
236 26.8 24.6 37.0



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: 0.60 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092560.D

Acq: 17 Nov 2016 15:38

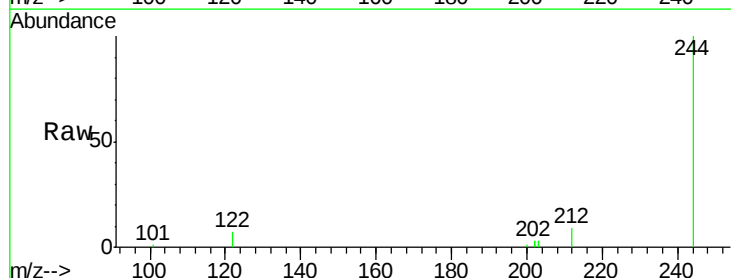
Tgt Ion:244 Resp: 6360

Ion Ratio Lower Upper

244 100

212 9.5 6.7 10.1

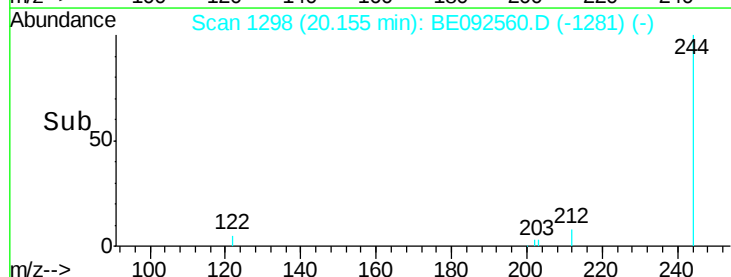
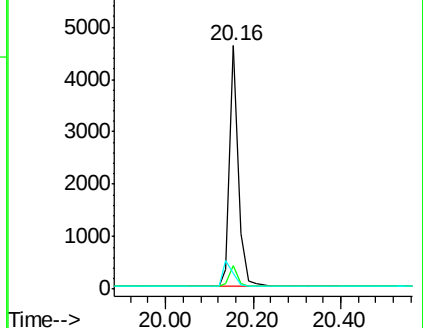
122 6.7 3.6 5.4#

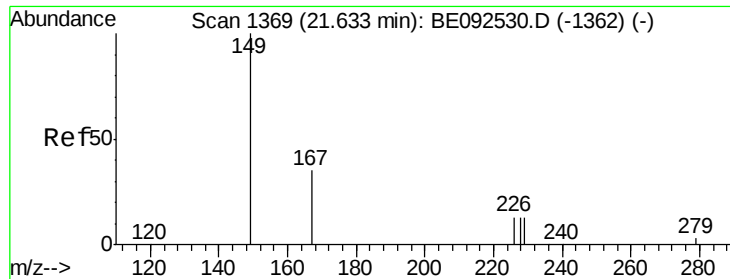


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.15 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092560.D

Acq: 17 Nov 2016 15:38

Instrument :

BNA_E

ClientSampleID :

C19023041DL

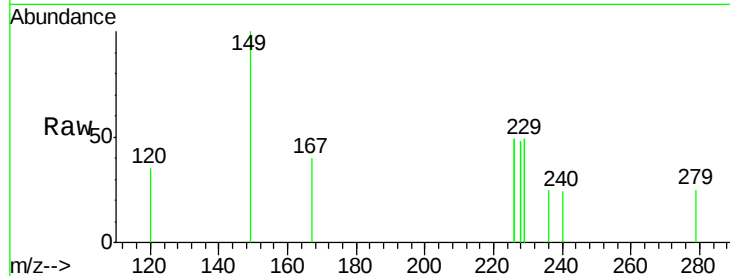
Tot Ion:149 Resp: 166

Ion Ratio Lower Upper

149 100

167 40.4 16.0 24.0#

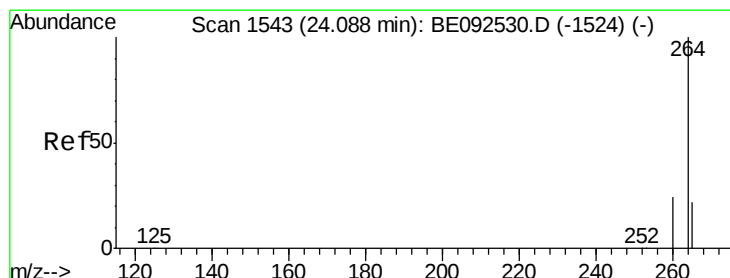
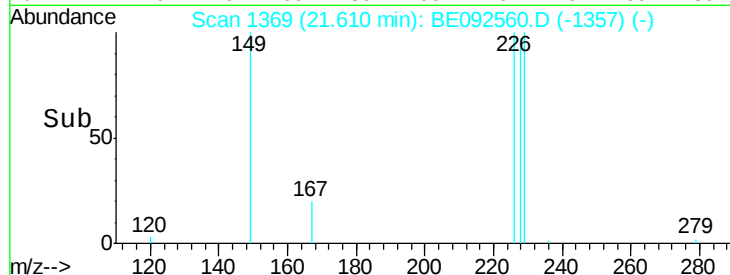
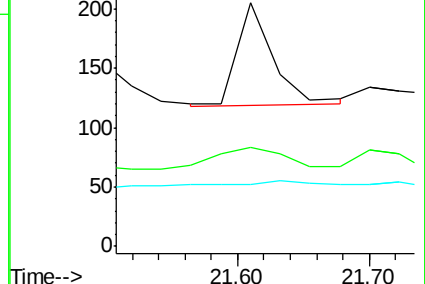
279 0.0 16.0 24.0#



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: 24.08 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BE092560.D

Acq: 17 Nov 2016 15:38

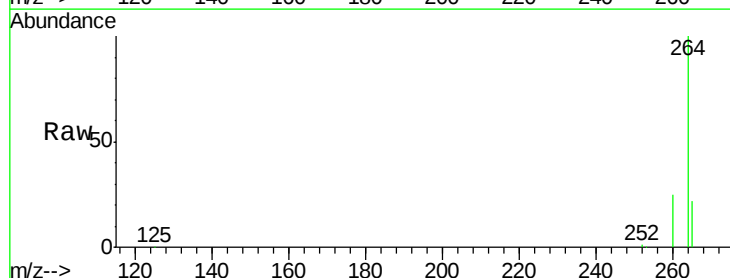
Tgt Ion:264 Resp: 76420

Ion Ratio Lower Upper

264 100

260 25.3 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

