

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061516\
 Data File : BE091927.D
 Acq On : 15 Jun 2016 16:28
 Operator : UM/SJ
 Sample : PB91035BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 15 17:11:32 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 12:00:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	23847	5.00	ng	0.00
8) Naphthalene-d8	11.02	136	101973	5.00	ng	0.03
15) Acenaphthene-d10	14.86	164	72982	5.00	ng	0.00
24) Phenanthrene-d10	17.61	188	158485	5.00	ng	0.00
31) Chrysene-d12	21.76	240	234345	5.00	ng	0.00
40) Perylene-d12	24.17	264	176923	5.00	ng	0.00

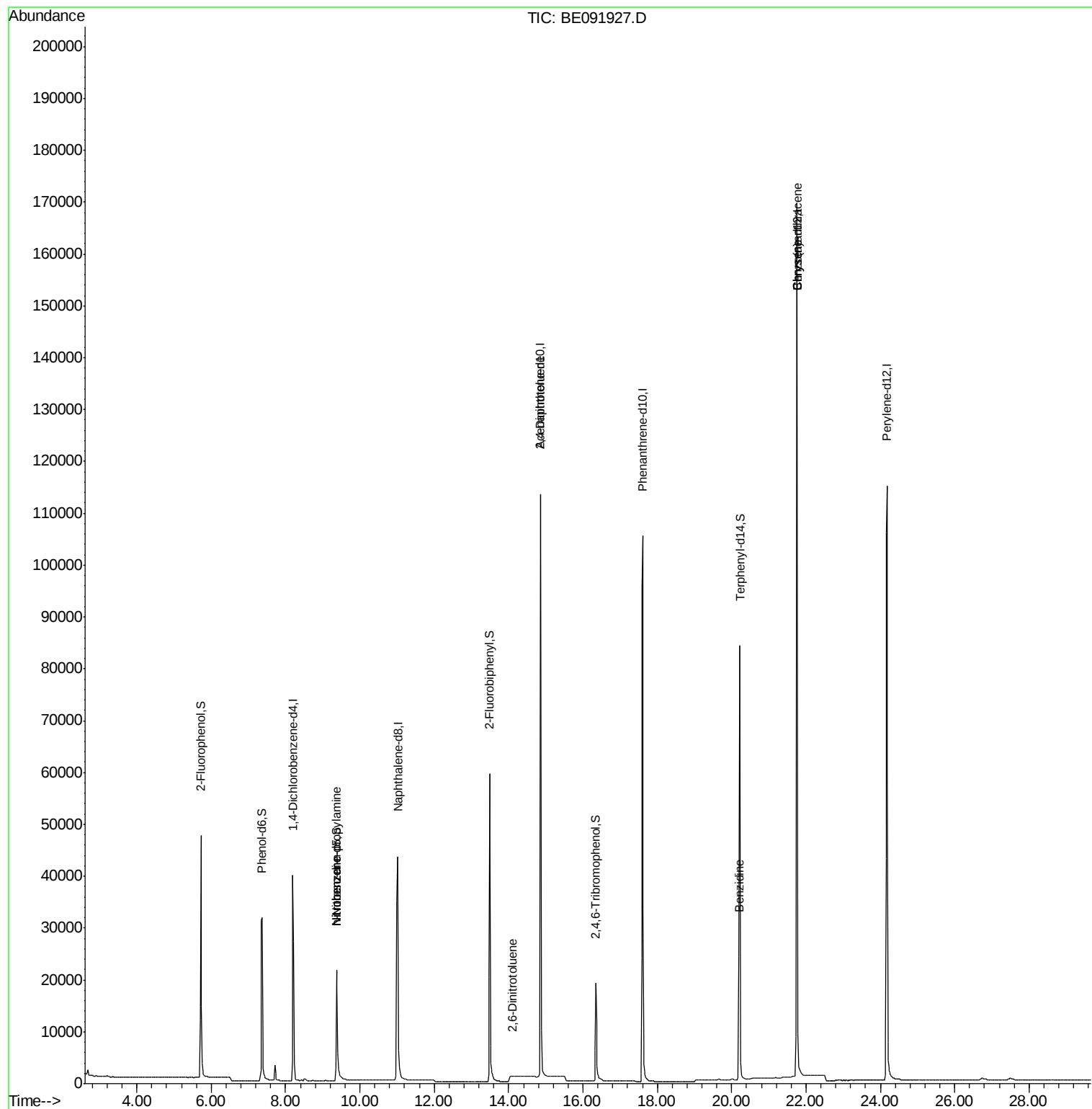
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.72	112	38163	8.19	ng	0.00
5) Phenol-d6	7.37	99	49798	6.53	ng	0.02
9) Nitrobenzene-d5	9.37	82	27995	3.98	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	11007	5.82	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	73686	3.98	ng	0.00
34) Terphenyl-d14	20.22	244	121449	4.23	ng	0.00

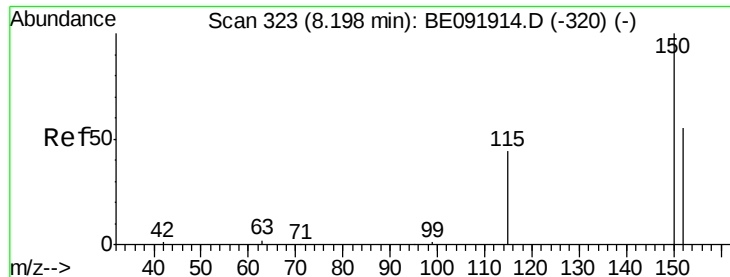
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) n-Nitroso-di-n-propylamine	9.37	70	3296	0.62	ng	# 89
10) Nitrobenzene	9.37	77	116	0.07	ng	# 41
19) 2,6-Dinitrotoluene	14.10	165	2730	0.41	ng	# 10
21) 2,4-Dinitrotoluene	14.86	165	35190	2.47	ng	# 1
32) Benzidine	20.20	184	2387	0.36	ng	# 93
35) Benzo(a)anthracene	21.76	228	1196	0.03	ng	# 74
37) Chrysene	21.76	228	1215	0.02	ng	# 66
38) Bis(2-ethylhexyl)phthalate	21.67	149	976	Below Cal		# 100

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

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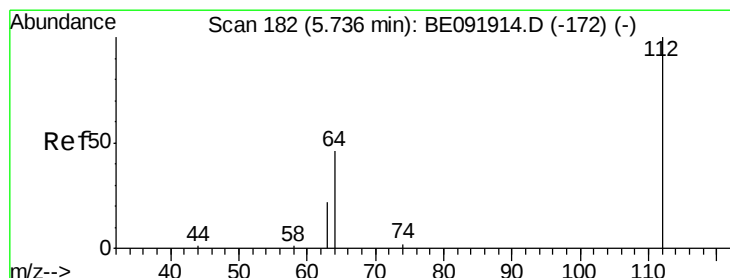
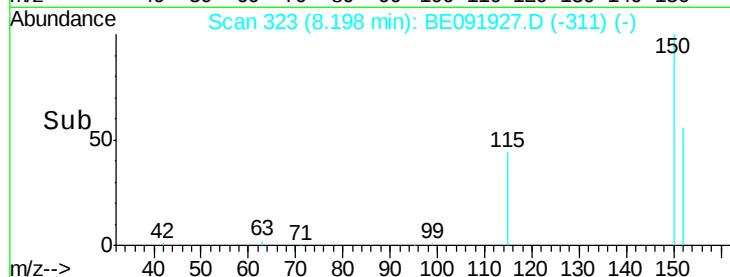
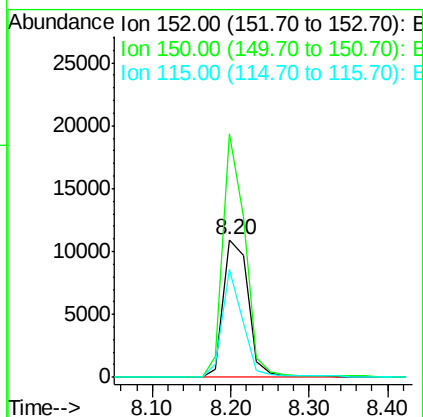
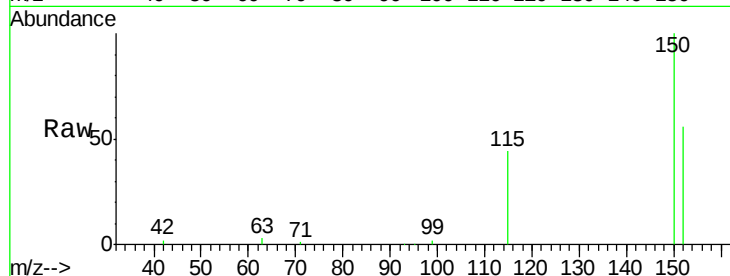
Quant Time: Jun 15 17:11:32 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061416.M
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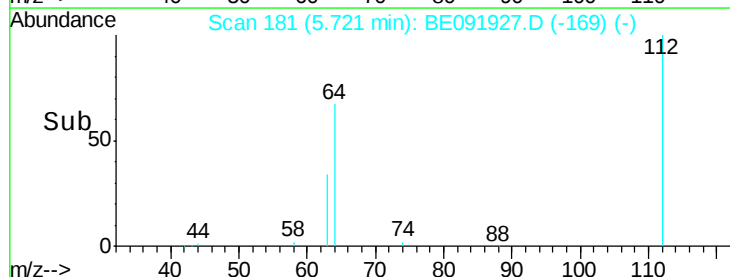
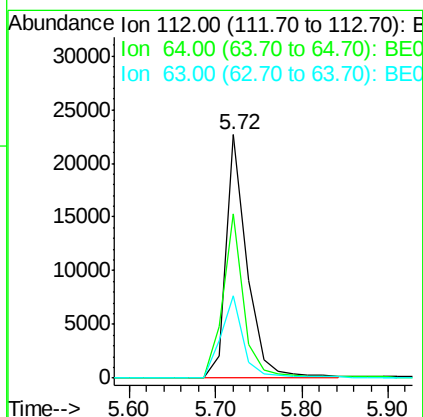
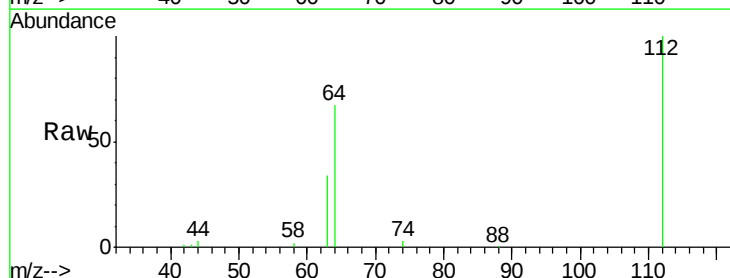
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.20 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: BE091927.D
 Acq: 15 Jun 2016 16:28

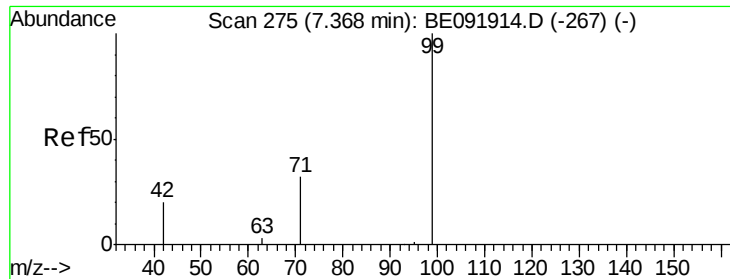
Tgt Ion:152 Resp: 23847
 Ion Ratio Lower Upper
 152 100
 150 177.0 123.9 185.9
 115 78.3 48.3 72.5#



#4
 2-Fluorophenol
 Concen: 8.19 ng
 RT: 5.72 min Scan# 181
 Delta R.T. 0.00 min
 Lab File: BE091927.D
 Acq: 15 Jun 2016 16:28

Tgt Ion:112 Resp: 38163
 Ion Ratio Lower Upper
 112 100
 64 67.3 53.7 80.5
 63 36.0 29.5 44.3





#5

Phenol-d6

Concen: 6.53 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.02 min

Lab File: BE091927.D

Acq: 15 Jun 2016 16:28

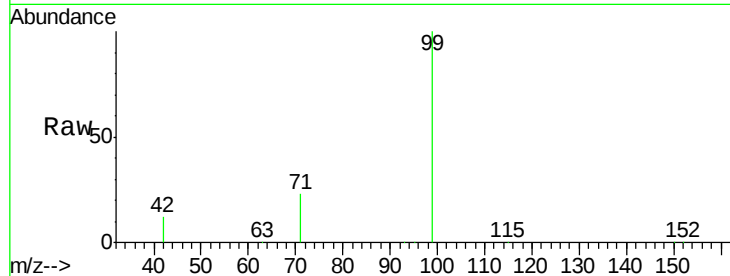
Tgt Ion: 99 Resp: 49798

Ion Ratio Lower Upper

99 100

42 25.6 19.6 29.4

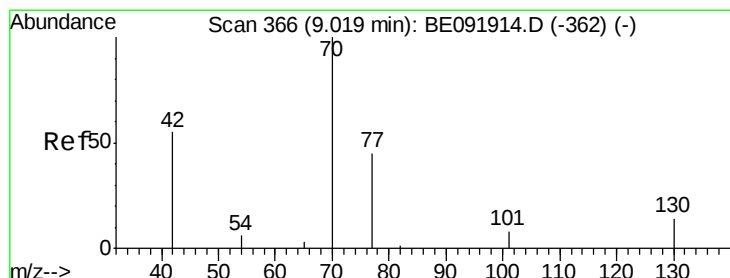
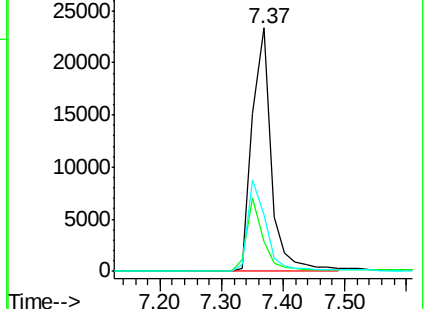
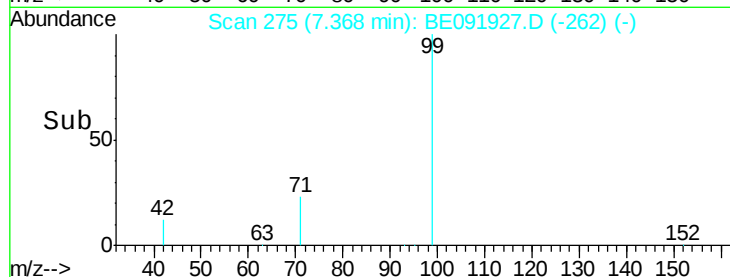
71 35.7 28.1 42.1



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

n-Nitroso-di-n-propylamine

Concen: 0.62 ng

RT: 9.37 min Scan# 384

Delta R.T. 0.37 min

Lab File: BE091927.D

Acq: 15 Jun 2016 16:28

Tgt Ion: 70 Resp: 3296

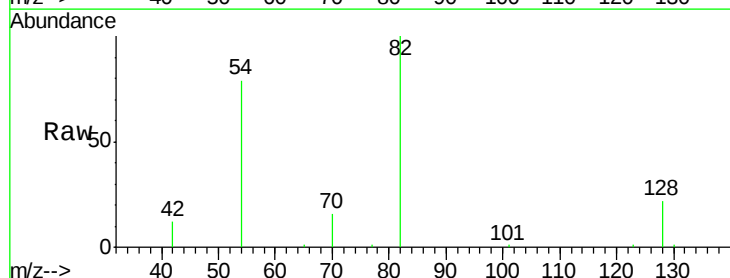
Ion Ratio Lower Upper

70 100

42 64.9 58.4 87.6

101 0.0 6.4 9.6#

130 1.9 0.0 0.0#

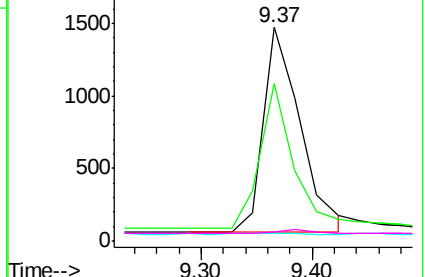
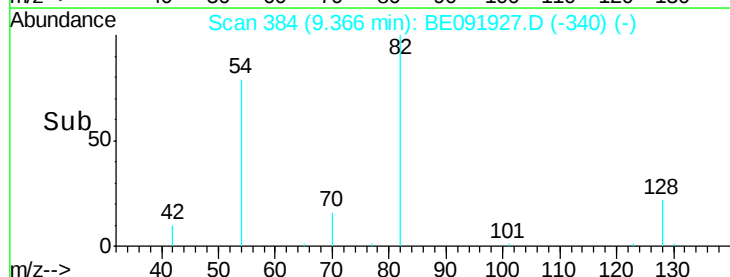


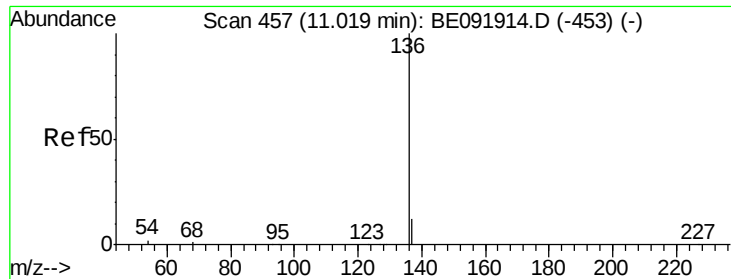
Abundance Ion 70.00 (69.70 to 70.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 101.00 (100.70 to 101.70): BE0

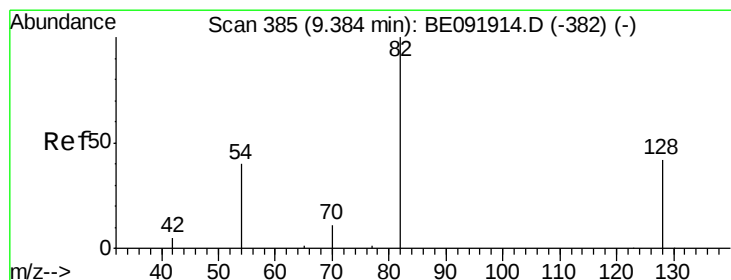
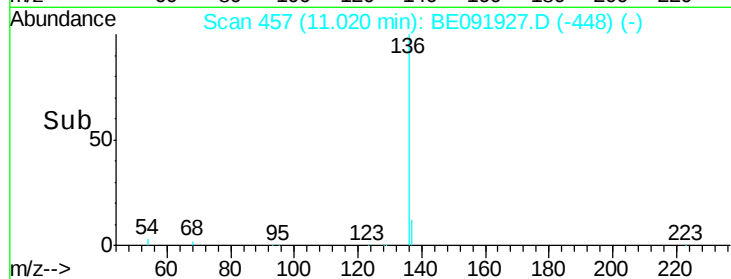
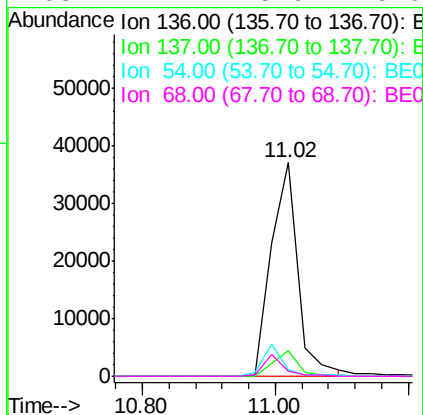
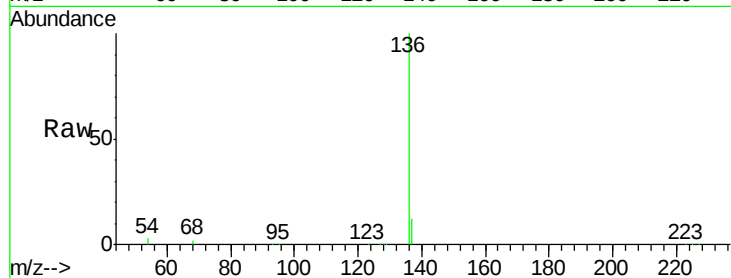
Ion 130.00 (129.70 to 130.70): BE0





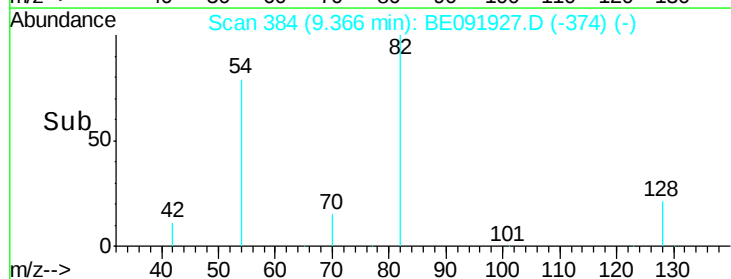
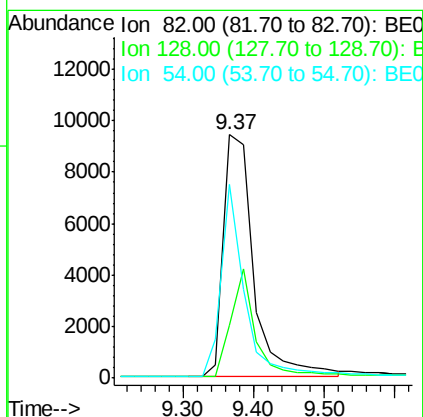
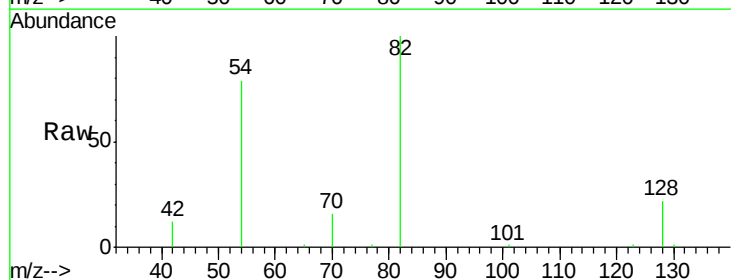
#8
Naphthalene-d8
Concen: 5.00 ng
RT: 11.02 min Scan# 457
Delta R.T. 0.03 min
Lab File: BE091927.D
Acq: 15 Jun 2016 16:28

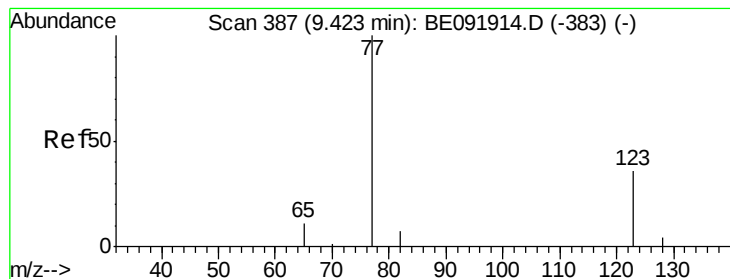
Tgt Ion:	136	Resp:	101973
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.3	12.5
54	2.7	8.2	12.4#
68	2.1	5.9	8.9#



#9
Nitrobenzene-d5
Concen: 3.98 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE091927.D
Acq: 15 Jun 2016 16:28

Tgt Ion:	82	Resp:	27995
Ion	Ratio	Lower	Upper
82	100		
128	21.6	39.5	59.3#
54	79.3	30.3	45.5#





#10

Nitrobenzene

Concen: 0.07 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.04 min

Lab File: BE091927.D

Acq: 15 Jun 2016 16:28

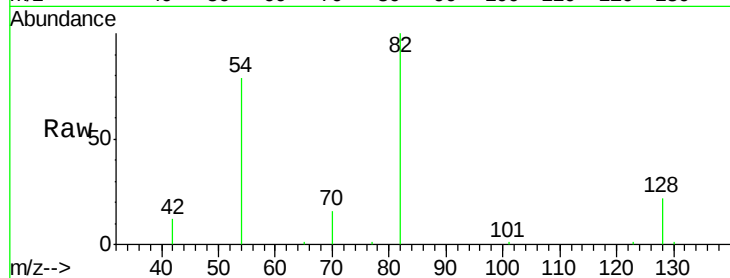
Tgt Ion: 77 Resp: 116

Ion Ratio Lower Upper

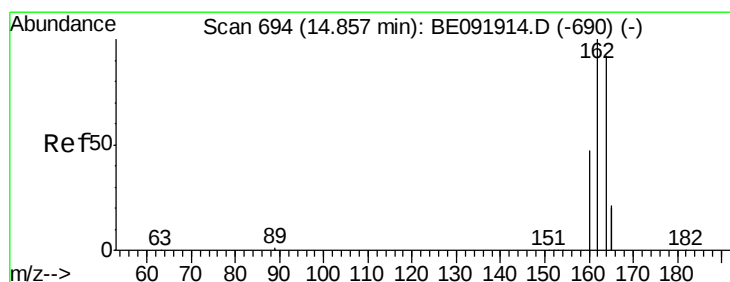
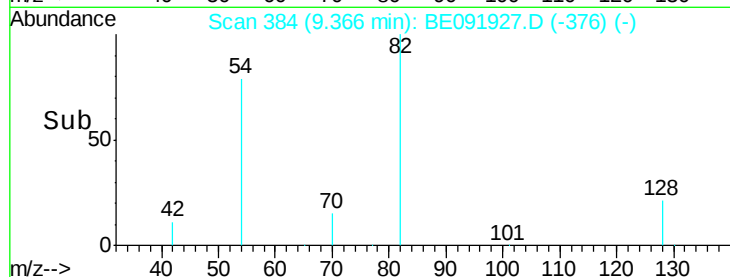
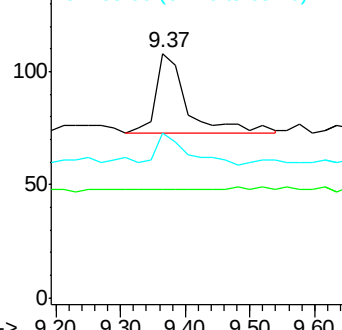
77 100

123 0.0 0.0 0.0

65 37.9 11.1 16.7#



Abundance Ion 77.00 (76.70 to 77.70): BE0
Ion 123.00 (122.70 to 123.70): BE0
Ion 65.00 (64.70 to 65.70): BE0



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE091927.D

Acq: 15 Jun 2016 16:28

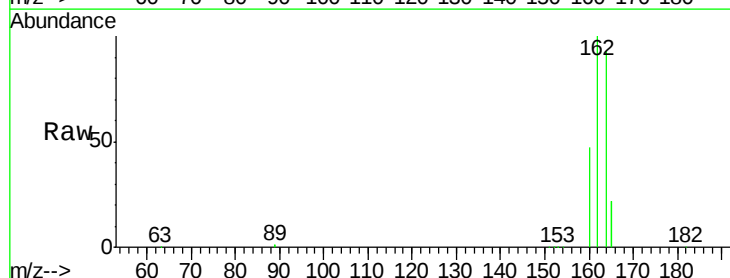
Tgt Ion: 164 Resp: 72982

Ion Ratio Lower Upper

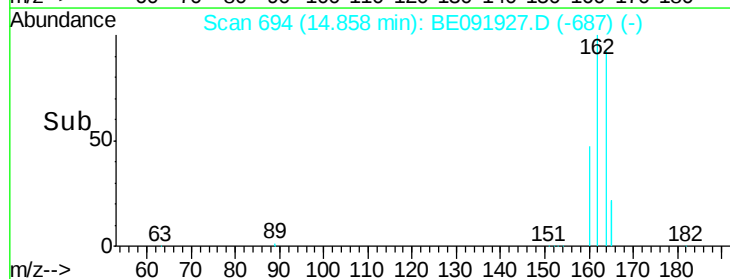
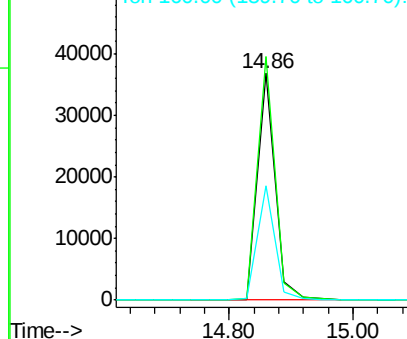
164 100

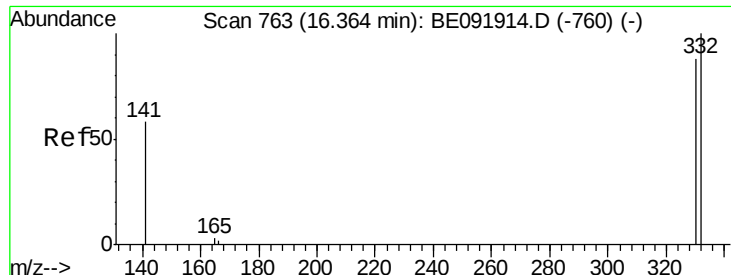
162 107.4 71.8 107.8

160 50.3 28.0 42.0#



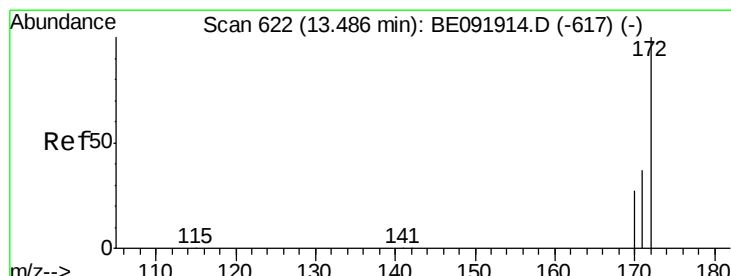
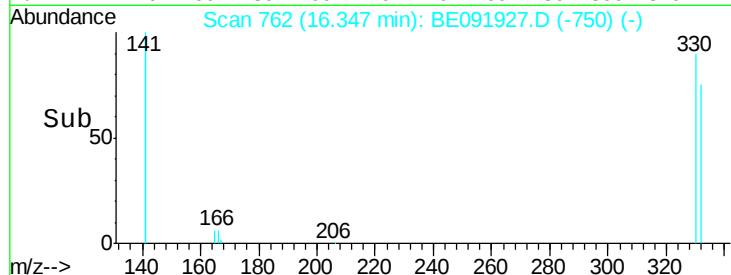
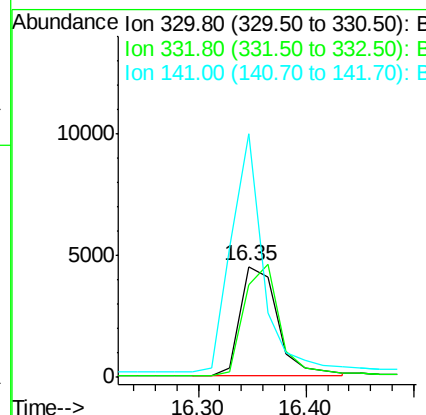
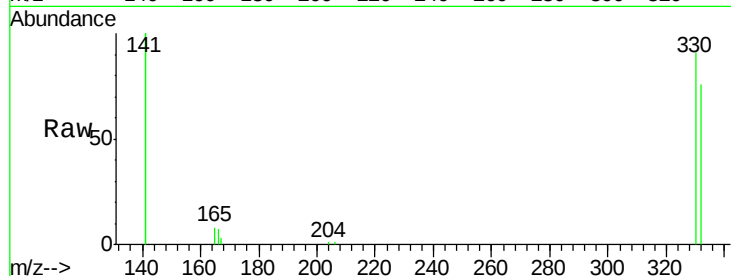
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





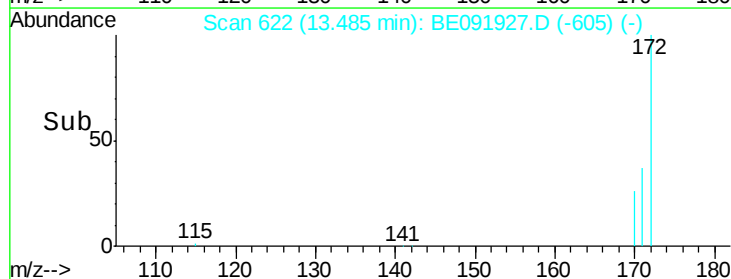
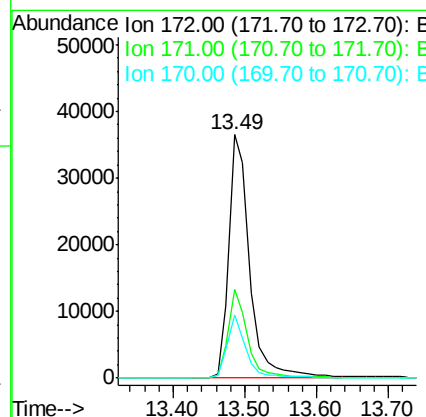
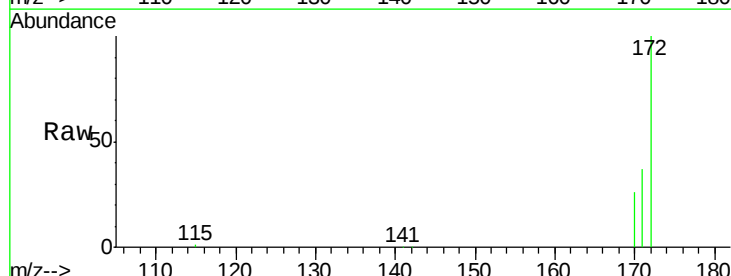
#16
 2,4,6-Tribromophenol
 Concen: 5.82 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE091927.D
 Acq: 15 Jun 2016 16:28

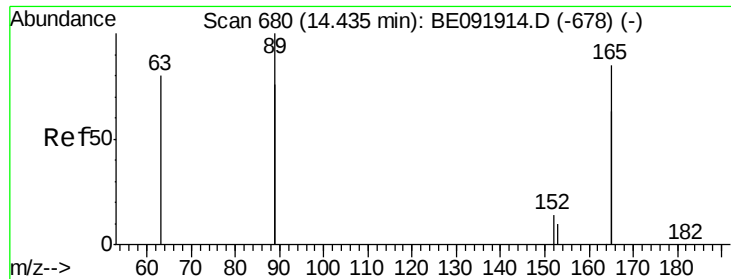
Tgt Ion: 330 Resp: 11007
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 181.2 138.4 207.6



#17
 2-Fluorobiphenyl
 Concen: 3.98 ng
 RT: 13.49 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BE091927.D
 Acq: 15 Jun 2016 16:28

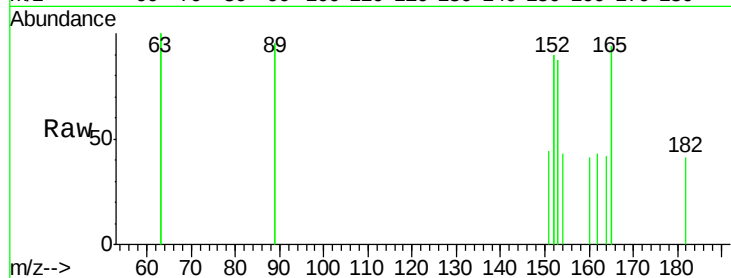
Tgt Ion: 172 Resp: 73686
 Ion Ratio Lower Upper
 172 100
 171 36.7 24.3 36.5#
 170 25.9 14.9 22.3#



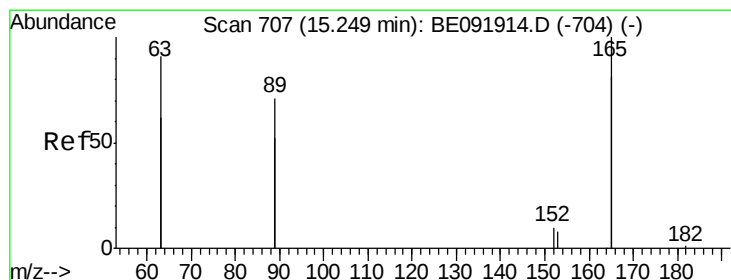
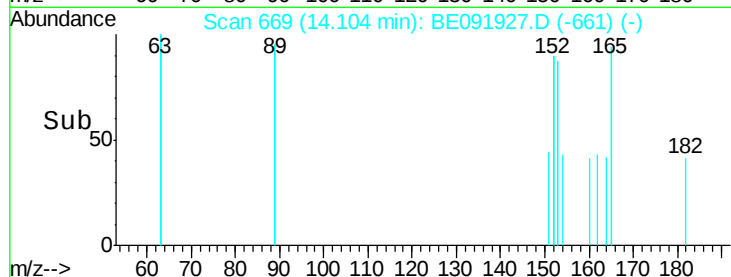
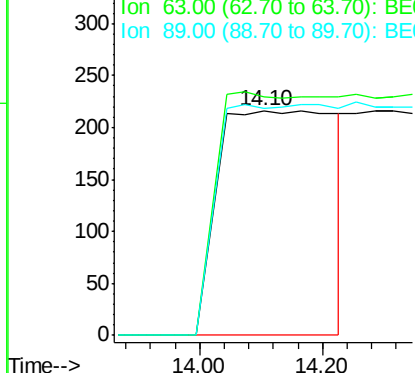


#19
 2,6-Dinitrotoluene
 Concen: 0.41 ng
 RT: 14.10 min Scan# 669
 Delta R.T. -0.33 min
 Lab File: BE091927.D
 Acq: 15 Jun 2016 16:28

Tgt Ion:165 Resp: 2730
 Ion Ratio Lower Upper
 165 100
 63 0.0 65.9 98.9#
 89 0.0 59.1 88.7#



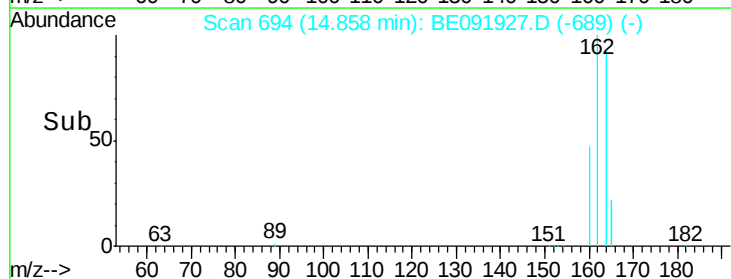
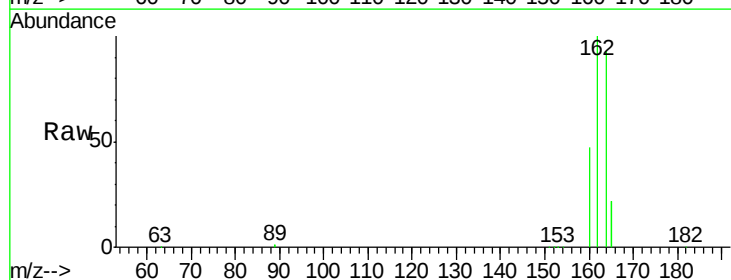
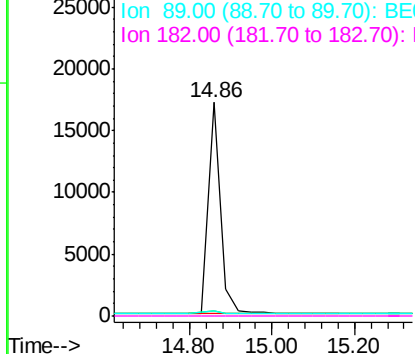
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BE0
 Ion 89.00 (88.70 to 89.70): BE0

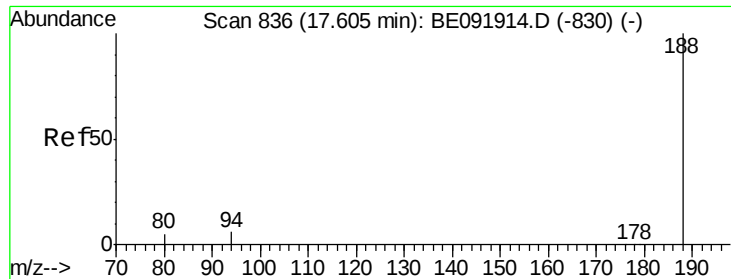


#21
 2,4-Dinitrotoluene
 Concen: 2.47 ng
 RT: 14.86 min Scan# 694
 Delta R.T. -0.36 min
 Lab File: BE091927.D
 Acq: 15 Jun 2016 16:28

Tgt Ion:165 Resp: 35190
 Ion Ratio Lower Upper
 165 100
 63 1.3 0.0 0.0#
 89 1.8 99.8 149.8#
 182 0.0 0.0 0.0

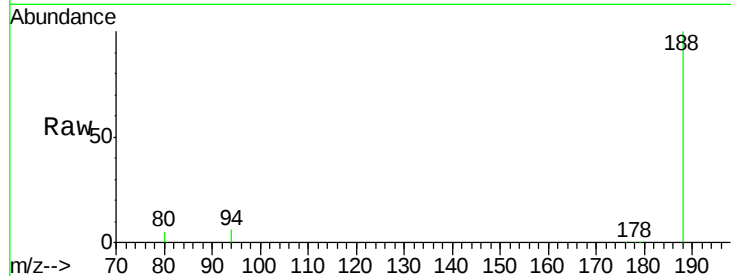
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BE0
 Ion 89.00 (88.70 to 89.70): BE0
 Ion 182.00 (181.70 to 182.70): E



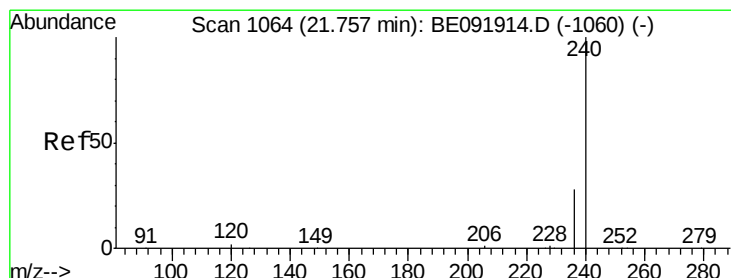
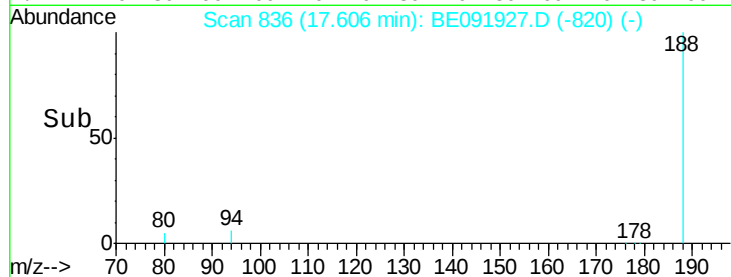
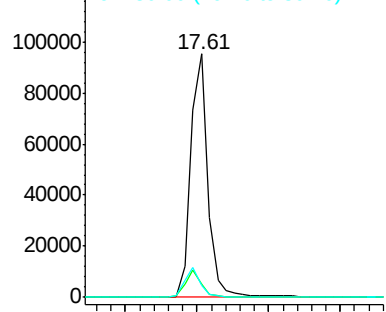


#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.61 min Scan# 836
Delta R.T. -0.00 min
Lab File: BE091927.D
Acq: 15 Jun 2016 16:28

Tgt Ion:188 Resp: 158485
Ion Ratio Lower Upper
188 100
94 5.6 4.1 6.1
80 4.9 3.4 5.2

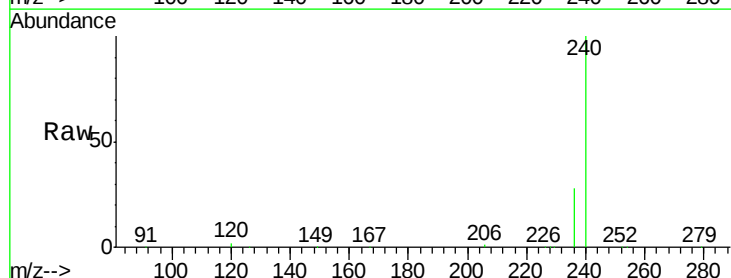


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

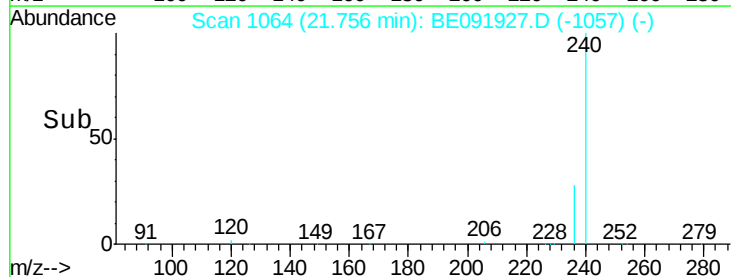
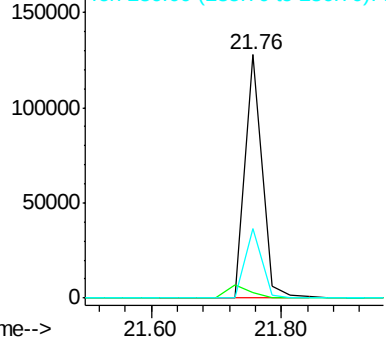


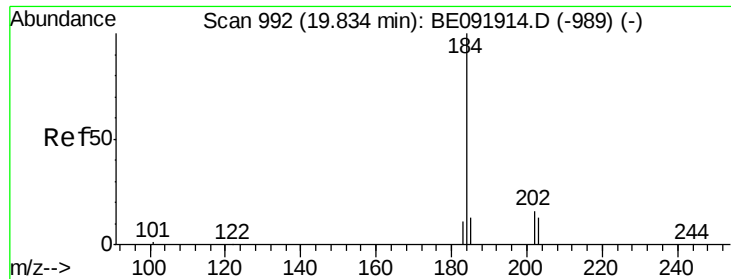
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BE091927.D
Acq: 15 Jun 2016 16:28

Tgt Ion:240 Resp: 234345
Ion Ratio Lower Upper
240 100
120 2.3 1.2 1.8#
236 28.5 19.8 29.8



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





#32

Benzidine

Concen: 0.36 ng

RT: 20.20 min Scan# 1008

Delta R.T. 0.36 min

Lab File: BE091927.D

Acq: 15 Jun 2016 16:28

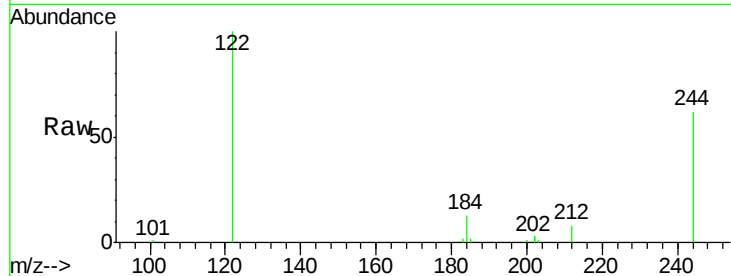
Tgt Ion:184 Resp: 2387

Ion Ratio Lower Upper

184 100

185 18.1 11.4 17.2#

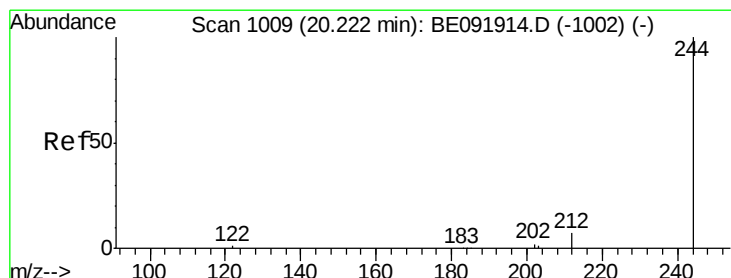
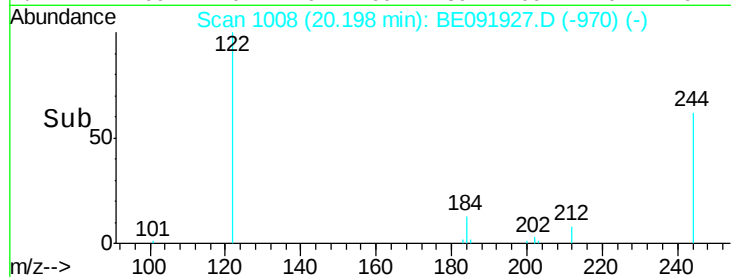
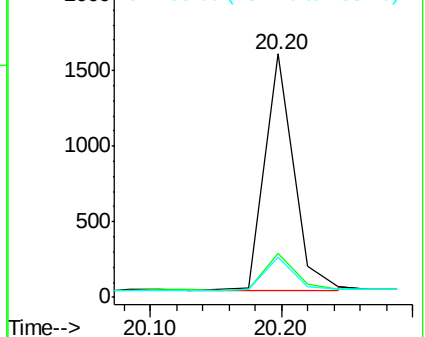
183 16.3 11.8 17.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#34

Terphenyl-d14

Concen: 4.23 ng

RT: 20.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE091927.D

Acq: 15 Jun 2016 16:28

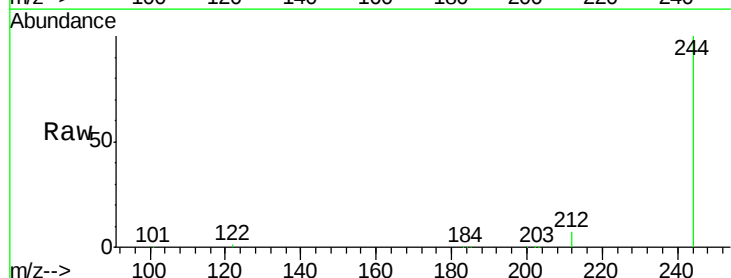
Tgt Ion:244 Resp: 121449

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

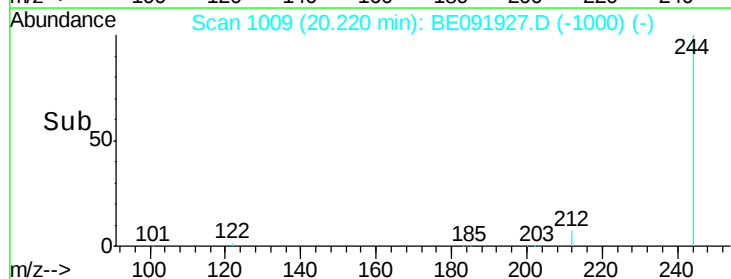
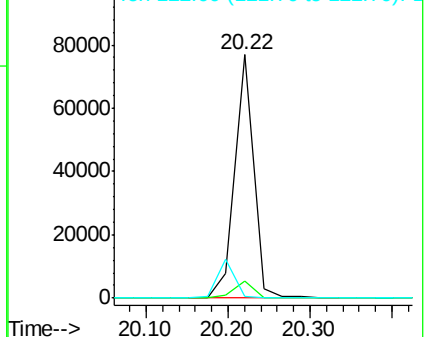
122 0.9 2.9 4.3#

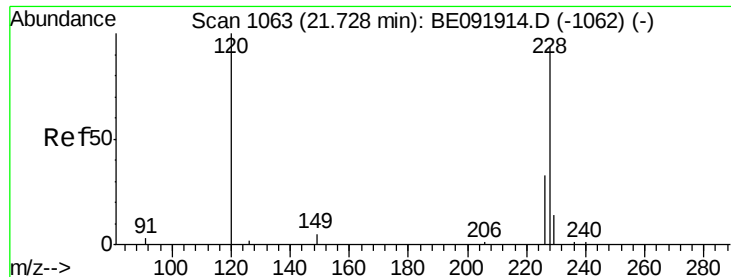


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.76 min Scan# 1064

Delta R.T. 0.03 min

Lab File: BE091927.D

Acq: 15 Jun 2016 16:28

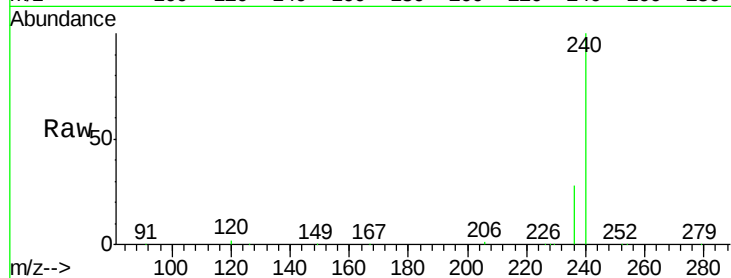
Tgt Ion: 228 Resp: 1196

Ion Ratio Lower Upper

228 100

226 18.8 21.0 31.4#

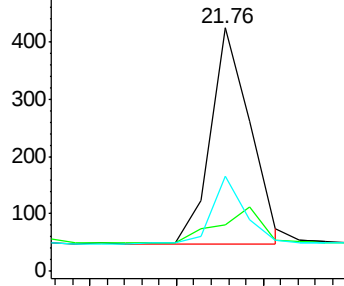
229 38.8 15.8 23.8#



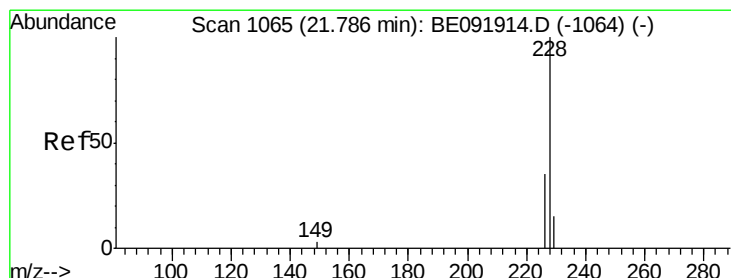
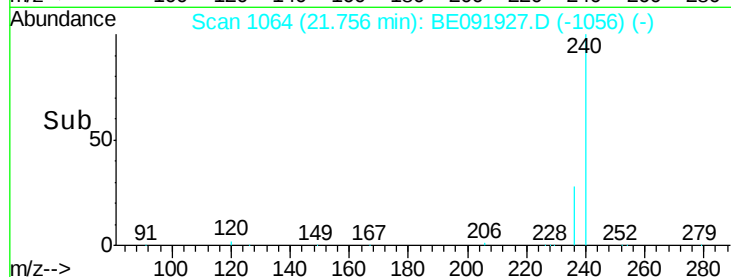
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#37

Chrysene

Concen: 0.02 ng

RT: 21.76 min Scan# 1064

Delta R.T. -0.03 min

Lab File: BE091927.D

Acq: 15 Jun 2016 16:28

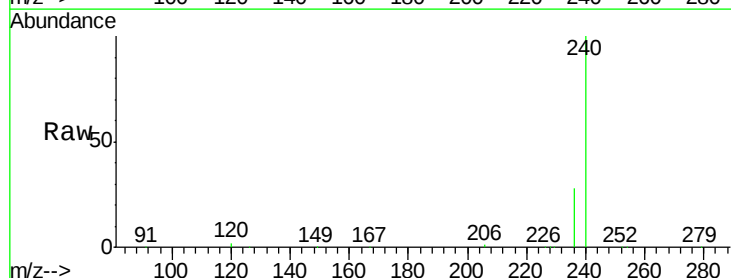
Tgt Ion: 228 Resp: 1215

Ion Ratio Lower Upper

228 100

226 18.8 27.0 40.6#

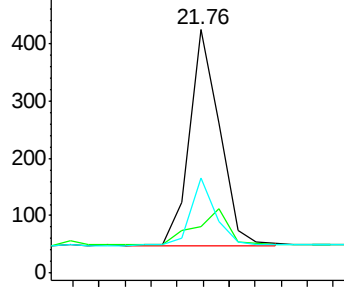
229 38.8 13.8 20.8#



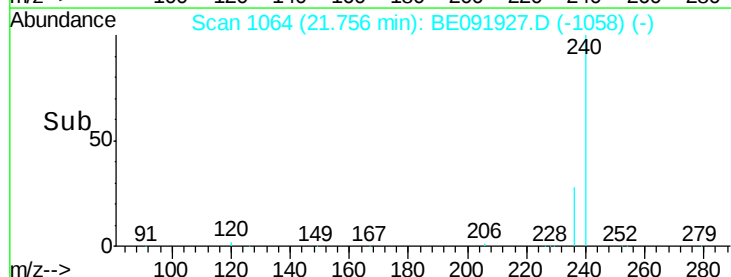
Abundance Ion 228.00 (227.70 to 228.70): E

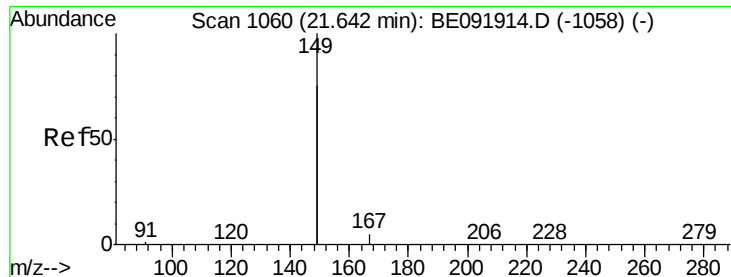
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#38

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.67 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BE091927.D

Acq: 15 Jun 2016 16:28

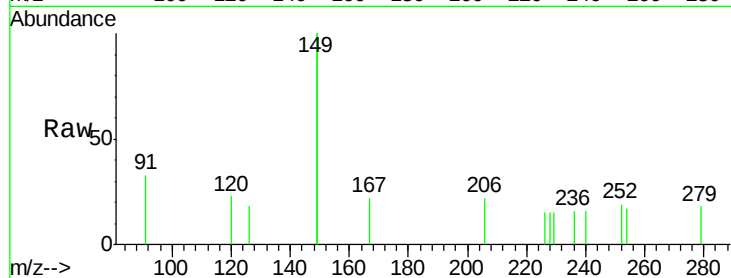
Tgt Ion:149 Resp: 976

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

279 0.7 0.0 0.0#



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

800

600

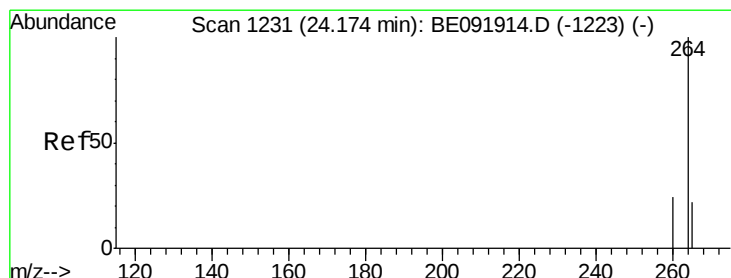
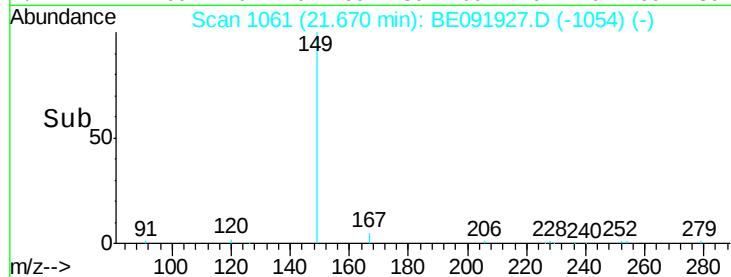
400

200

0

21.50 21.60 21.70

Time-->



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.17 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE091927.D

Acq: 15 Jun 2016 16:28

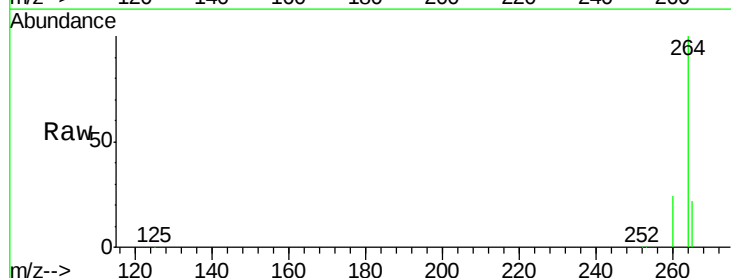
Tgt Ion:264 Resp: 176923

Ion Ratio Lower Upper

264 100

260 23.6 20.3 30.5

265 22.5 17.6 26.4



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

100000

80000

60000

40000

20000

0

24.00 24.20 24.40

Time-->

