

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100317\
 Data File : BE094167.D
 Acq On : 3 Oct 2017 22:55
 Operator : SJ/JU
 Sample : I5496-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

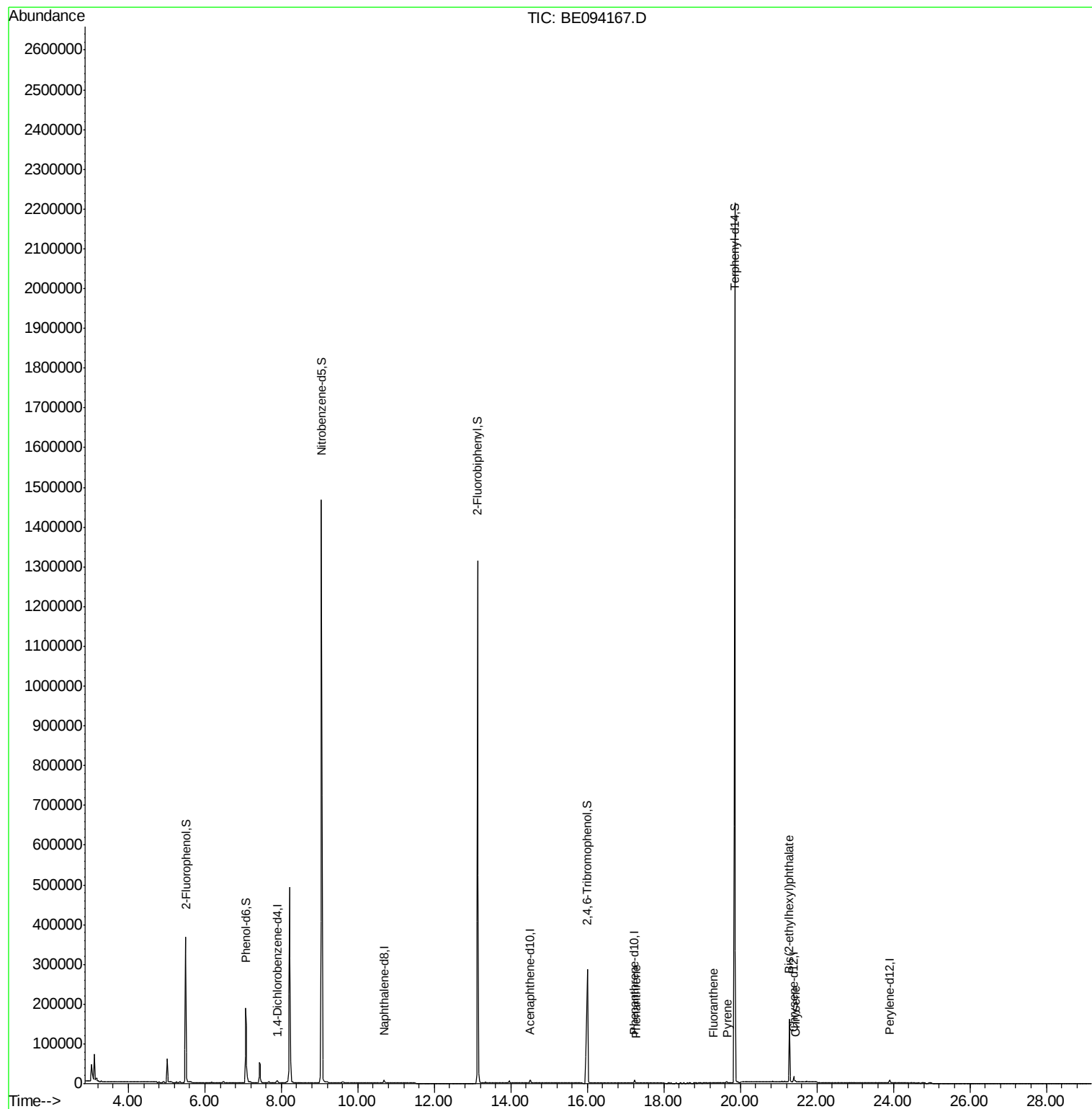
Quant Time: Oct 04 08:04:31 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 13:57:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1502	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7855	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	5417	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16654	0.40	ng	0.00
27) Chrysene-d12	21.40	240	14683	0.40	ng	0.00
34) Perylene-d12	23.90	264	13762	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	198775	34.91	ng	0.00
5) Phenol-d6	7.07	99	186694	23.61	ng	-0.01
8) Nitrobenzene-d5	9.04	82	537974	70.77	ng	-0.02
11) 2-Methylnaphthalene-d10	12.26	152	3	0.00	ng	-0.01
14) 2,4,6-Tribromophenol	16.00	330	265652	94.48	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	1157056	64.64	ng	0.00
25) Fluoranthene-d10	19.27	212	103	0.00	ng	0.00
29) Terphenyl-d14	19.85	244	1845641	68.90	ng	0.00
Target Compounds						Qvalue
23) Phenanthrene	17.27	178	1334m	0.031	ng	
26) Fluoranthene	19.29	202	1557	0.033	ng	# 80
28) Pyrene	19.65	202	3549	0.076	ng	96
31) Chrysene	21.44	228	1046	0.022	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.28	149	201979	1.514	ng	100

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

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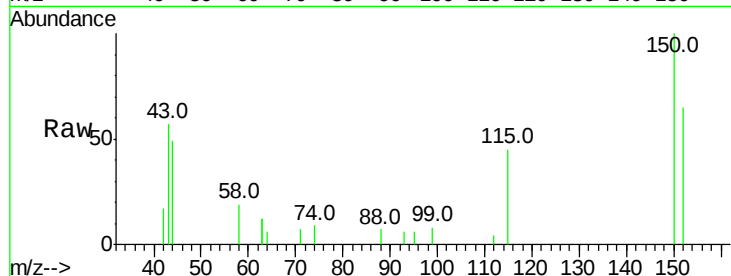




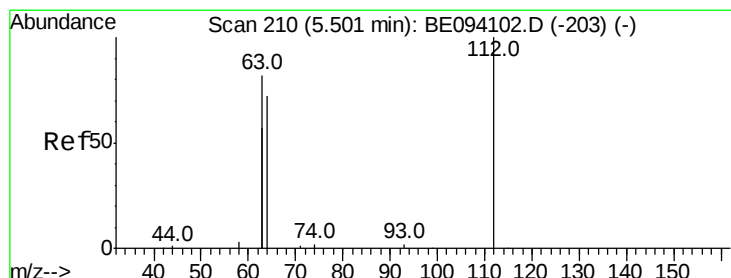
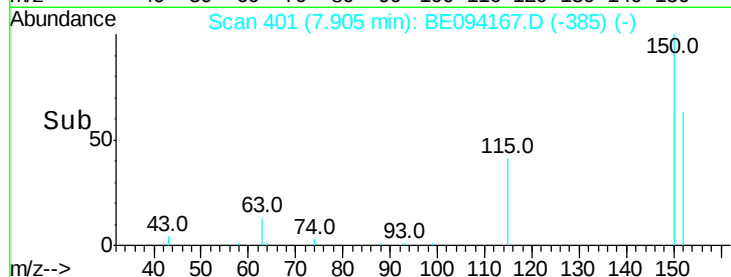
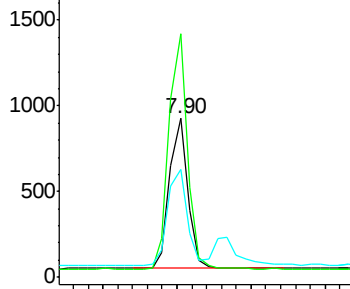
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094167.D
Acq: 3 Oct 2017 22:55

Tot Ion:152 Resp: 1502
Ion Ratio Lower Upper
152 100
150 153.5 117.2 175.8
115 68.3 57.0 85.6



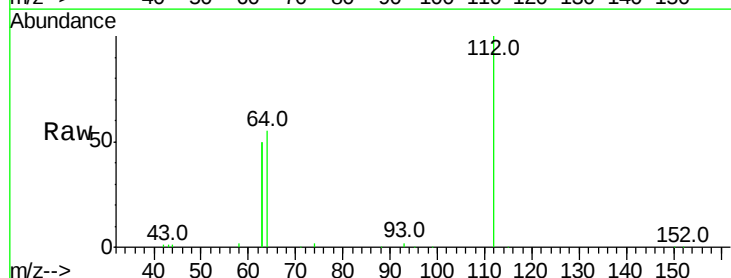
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



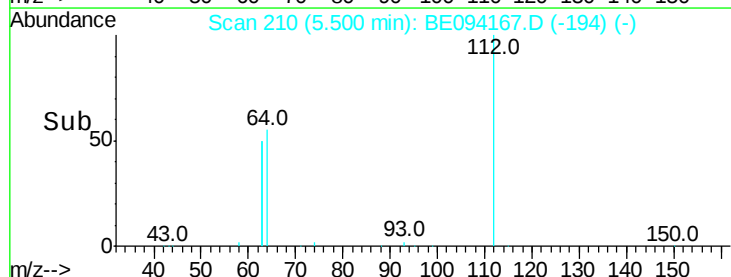
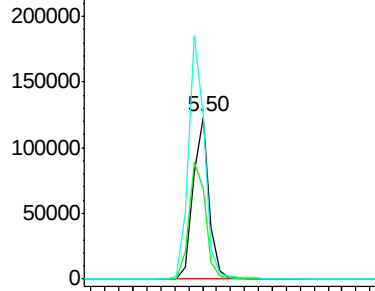
#4

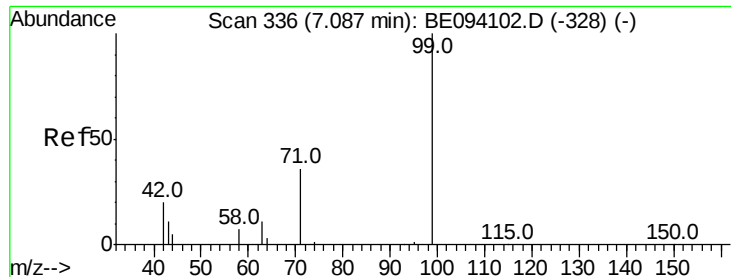
2-Fluorophenol
Concen: 34.910 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094167.D
Acq: 3 Oct 2017 22:55

Tgt Ion:112 Resp: 198775
Ion Ratio Lower Upper
112 100
64 74.7 60.1 90.1
63 149.7 116.8 175.2



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: 23.605 ng

RT: 7.07 min Scan# 335

Delta R.T. -0.01 min

Lab File: BE094167.D

Acq: 3 Oct 2017 22:55

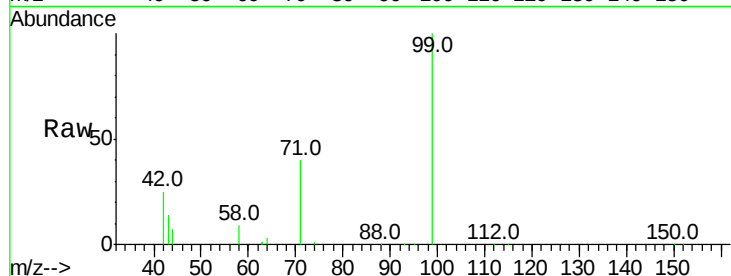
Tot Ion: 99 Resp: 186694

Ion Ratio Lower Upper

99 100

42 21.8 20.2 30.2

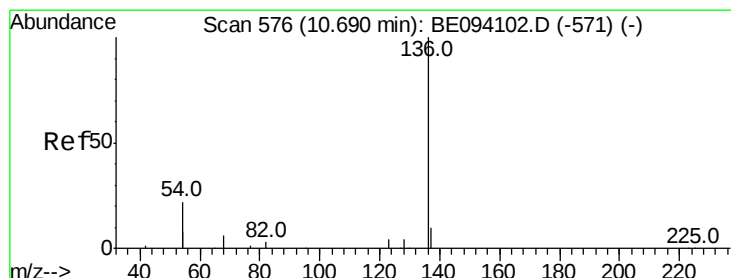
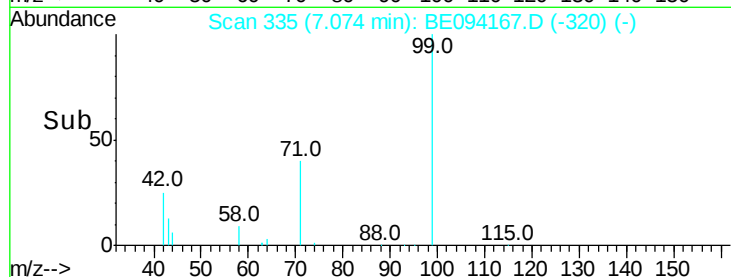
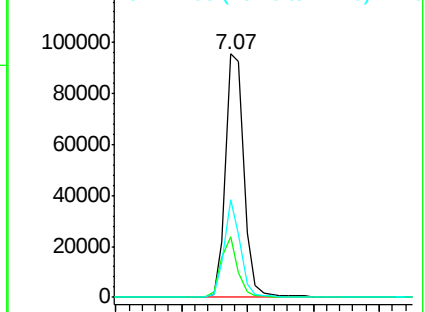
71 34.5 28.4 42.6



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: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094167.D

Acq: 3 Oct 2017 22:55

Tgt Ion: 136 Resp: 7855

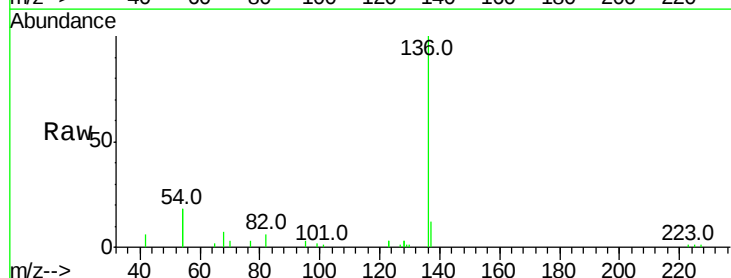
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 35.8 29.1 43.7

68 7.4 6.2 9.2

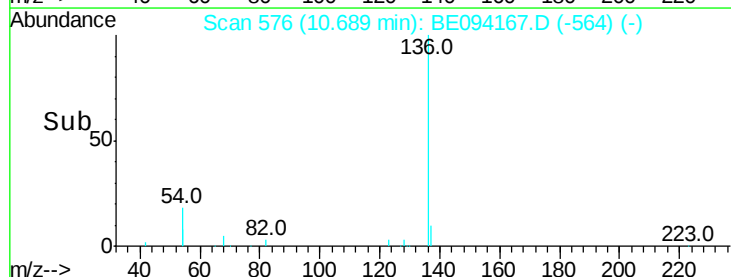
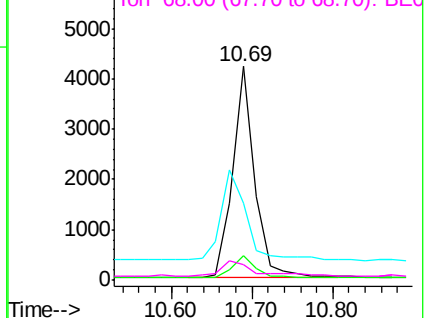


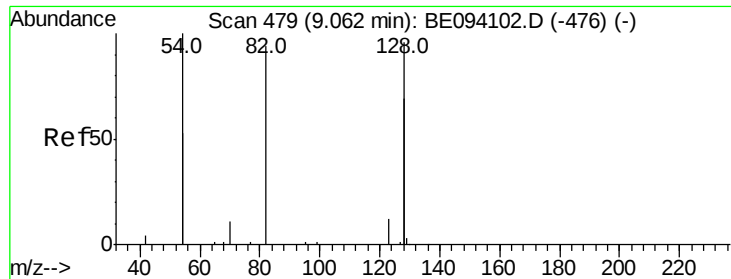
Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.773 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094167.D

Acq: 3 Oct 2017 22:55

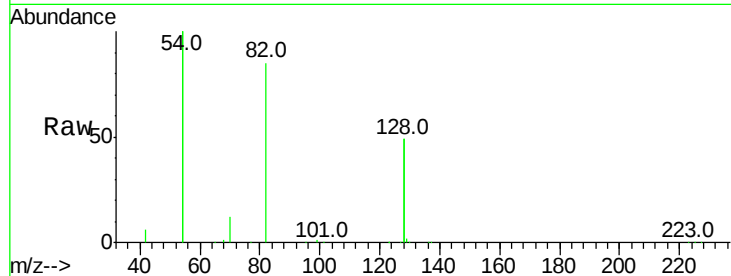
Tot Ion: 82 Resp: 537974

Ion Ratio Lower Upper

82 100

128 115.1 150.0 225.0#

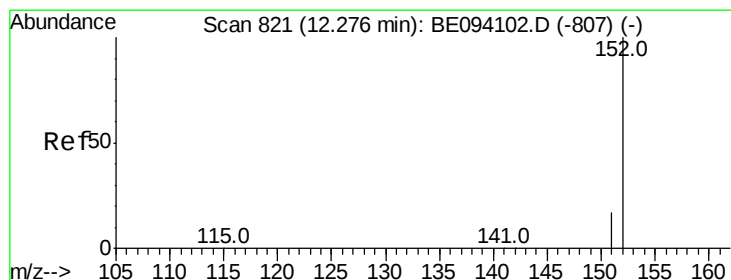
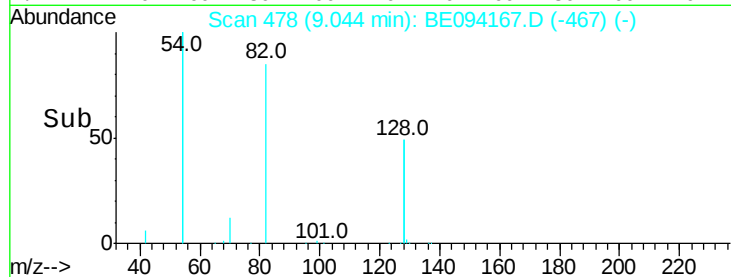
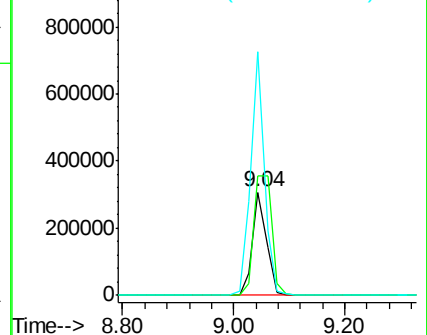
54 235.8 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE094102.D (-476) (-)

Ion 128.00 (127.70 to 128.70): BE094102.D (-476) (-)

Ion 54.00 (53.70 to 54.70): BE094102.D (-476) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.26 min Scan# 817

Delta R.T. -0.01 min

Lab File: BE094167.D

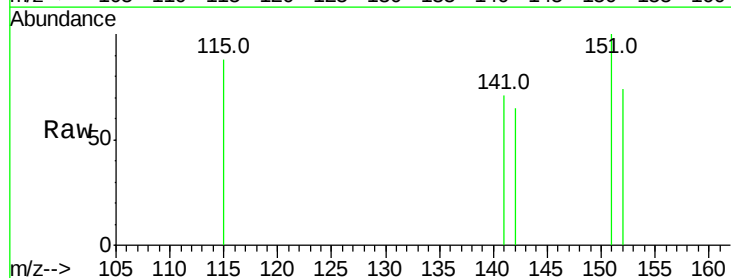
Acq: 3 Oct 2017 22:55

Tgt Ion: 152 Resp: 3

Ion Ratio Lower Upper

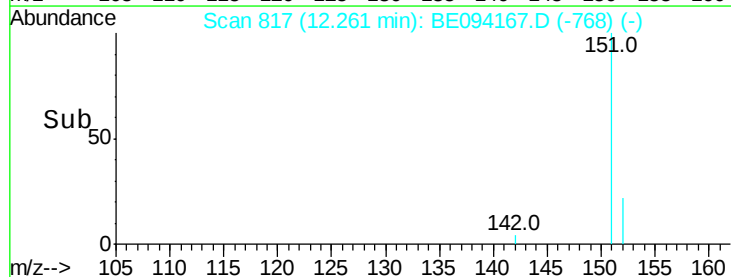
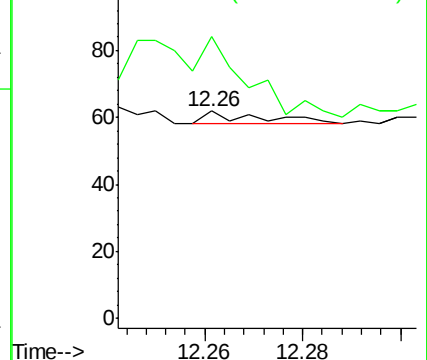
152 100

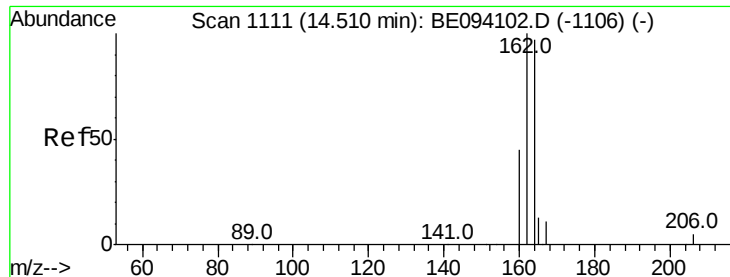
151 0.0 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): BE094102.D (-807) (-)

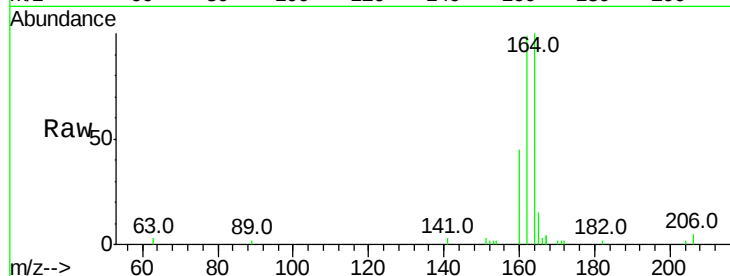
Ion 151.00 (150.70 to 151.70): BE094102.D (-807) (-)



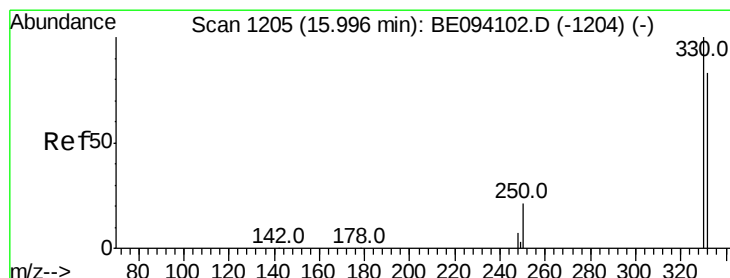
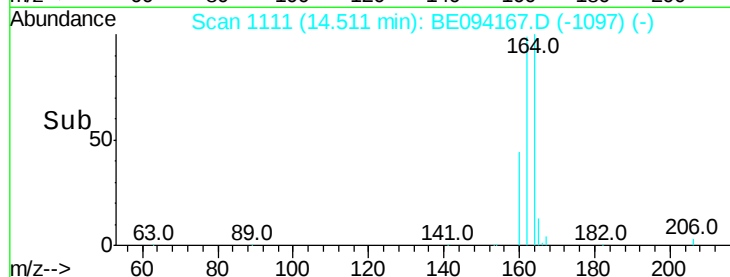
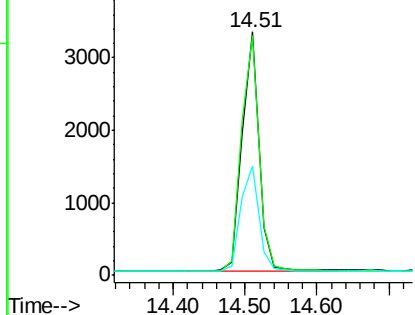


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094167.D
Acq: 3 Oct 2017 22:55

Tot Ion:164 Resp: 5417
Ion Ratio Lower Upper
164 100
162 98.6 83.1 124.7
160 44.7 37.1 55.7

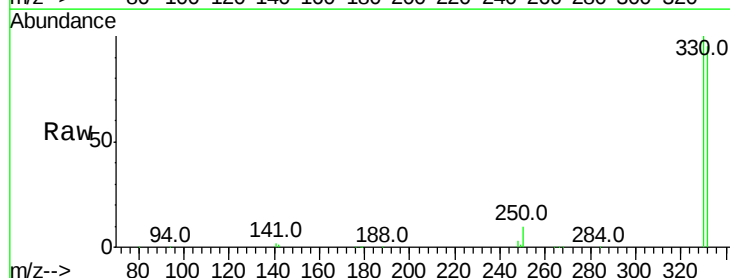


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

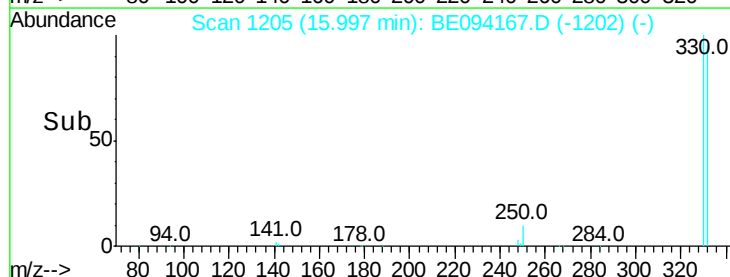
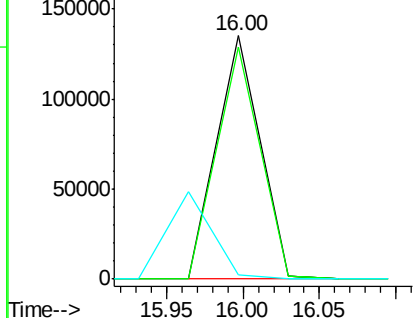


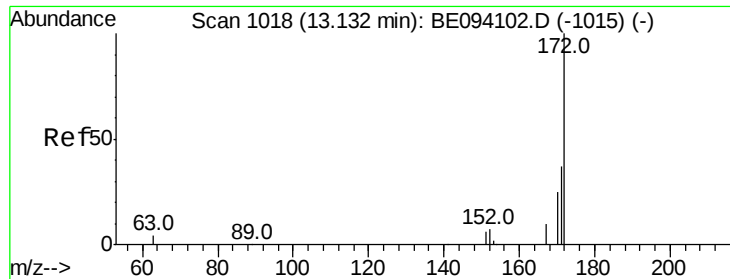
#14
2,4,6-Tribromophenol
Concen: 94.480 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094167.D
Acq: 3 Oct 2017 22:55

Tgt Ion:330 Resp: 265652
Ion Ratio Lower Upper
330 100
332 96.1 152.7 229.1#
141 0.0 33.7 50.5#



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

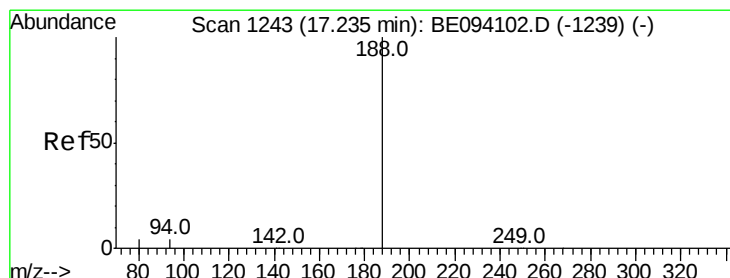
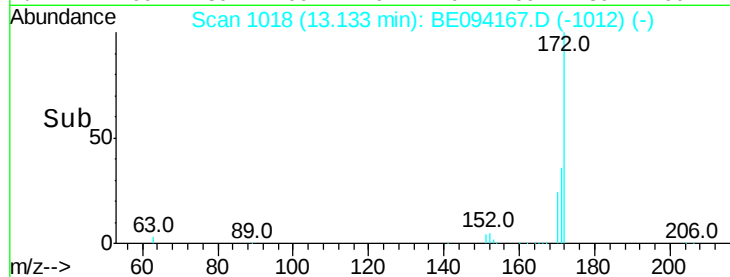
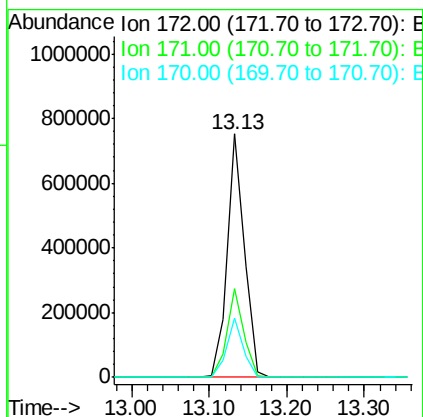
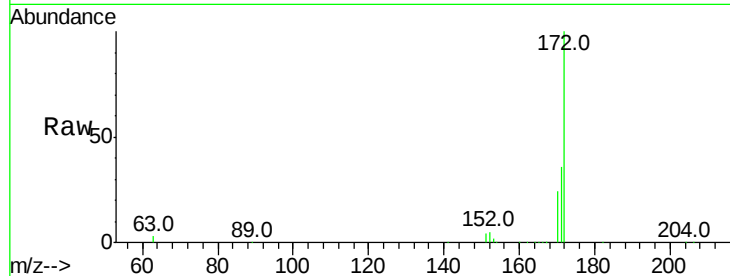




#15
2-Fluorobiphenyl
Concen: 64.645 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094167.D
Acq: 3 Oct 2017 22:55

Tot Ion:172 Resp: 1157056

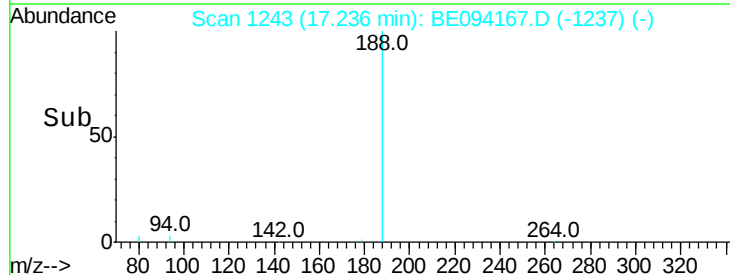
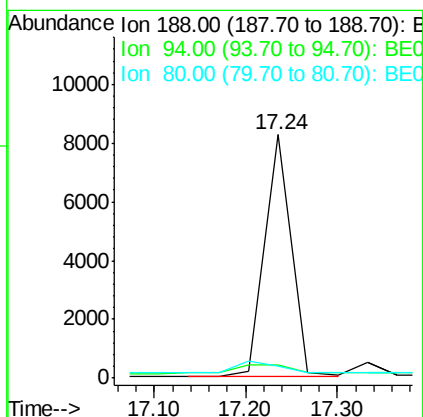
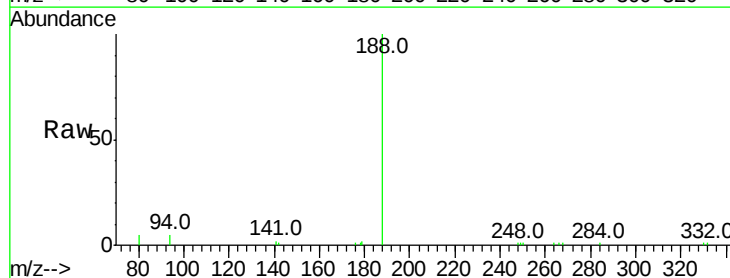
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	24.5	21.8	32.8

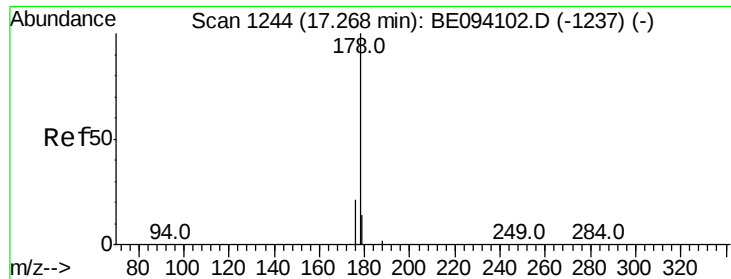


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094167.D
Acq: 3 Oct 2017 22:55

Tgt Ion:188 Resp: 16654

Ion	Ratio	Lower	Upper
188	100		
94	5.2	3.9	5.9
80	4.9	3.6	5.4





#23

Phenanthrene

Concen: 0.031 ng/mL

RT: 17.27 min Scan# 1244

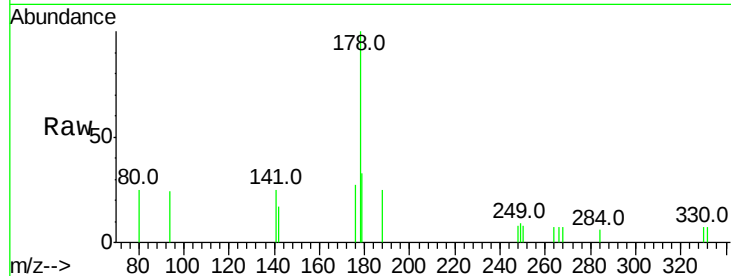
Delta R.T. 0.00 min

Lab File: BE094167.D

Acq: 3 Oct 2017 22:55

Tot Ion:178 Resp: 1334

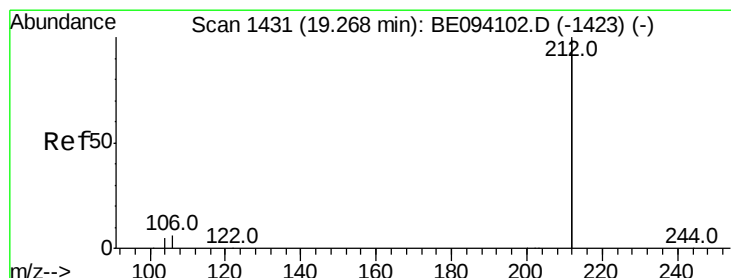
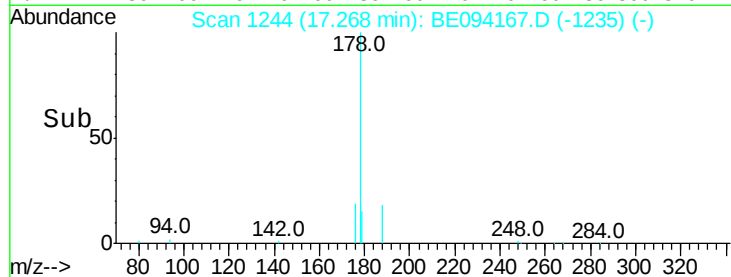
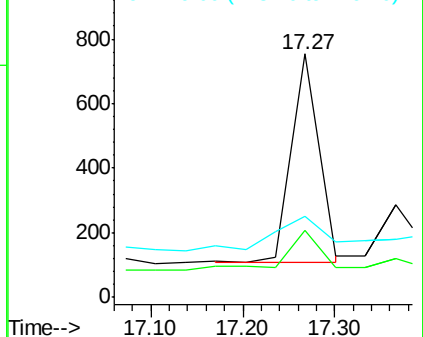
Ion	Ratio	Lower	Upper
178	100		
176	26.5	15.1	22.7#
179	35.5	11.8	17.6#



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



#25

Fluoranthene-d10

Concen: 0.001 ng

RT: 19.27 min Scan# 1431

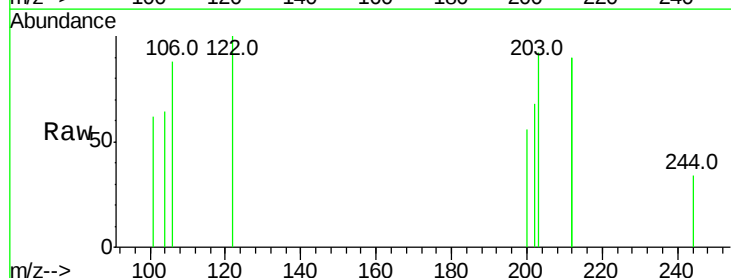
Delta R.T. -0.00 min

Lab File: BE094167.D

Acq: 3 Oct 2017 22:55

Tgt Ion:212 Resp: 103

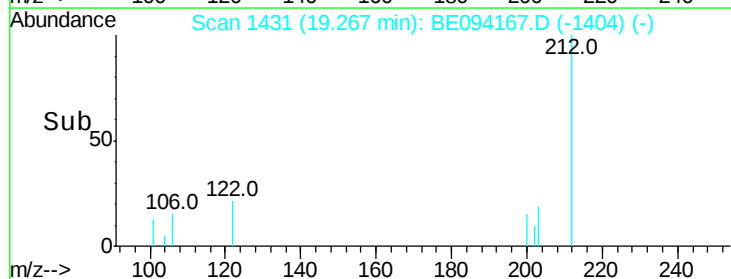
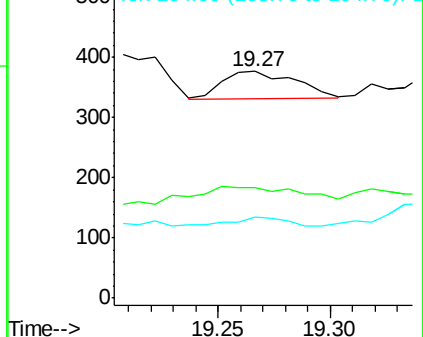
Ion	Ratio	Lower	Upper
212	100		
106	95.1	2.8	4.2#
104	23.3	1.6	2.4#

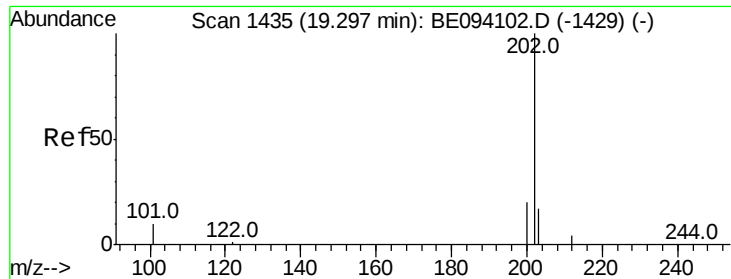


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

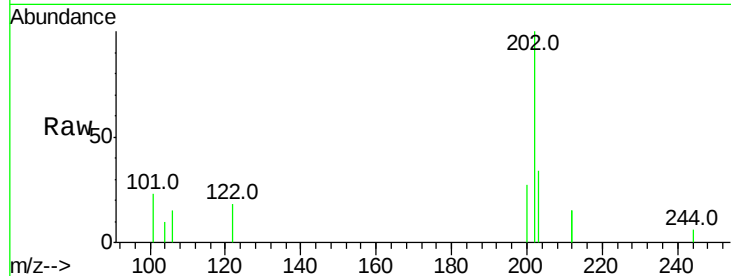
Ion 104.00 (103.70 to 104.70): E



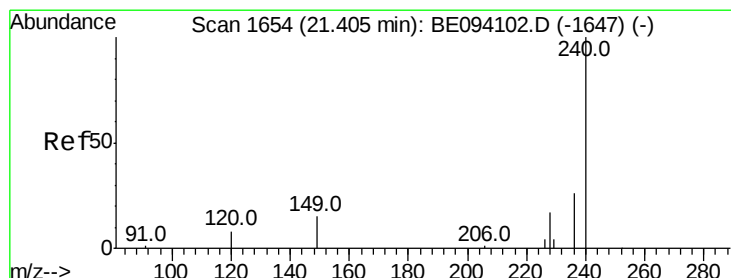
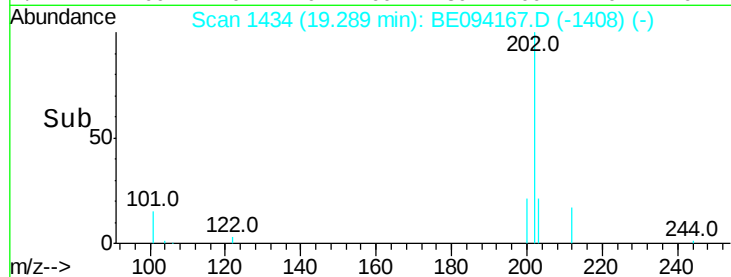
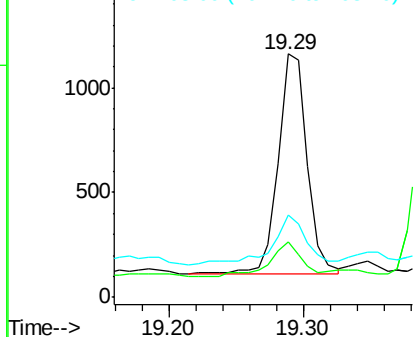


#26
Fluoranthene
Concen: 0.033 ng
RT: 19.29 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BE094167.D
Acq: 3 Oct 2017 22:55

Tot Ion:202 Resp: 1557
Ion Ratio Lower Upper
202 100
101 18.8 9.8 14.8#
203 26.8 13.7 20.5#

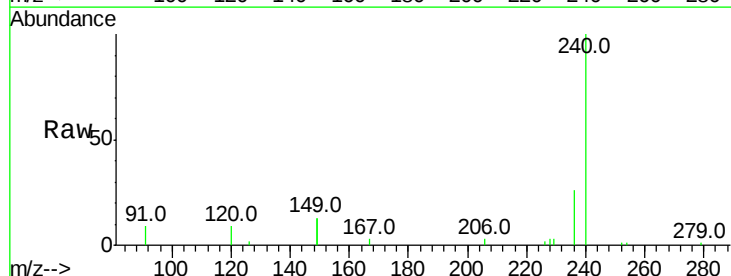


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

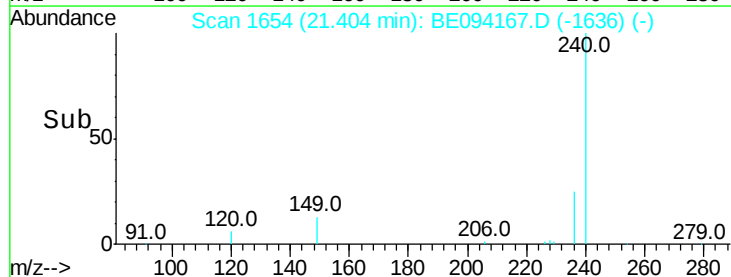
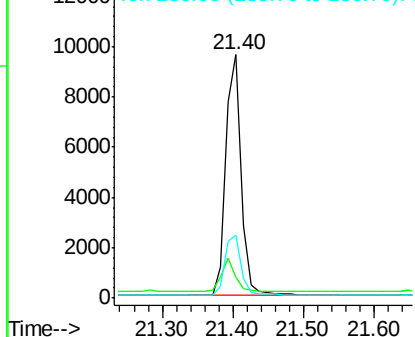


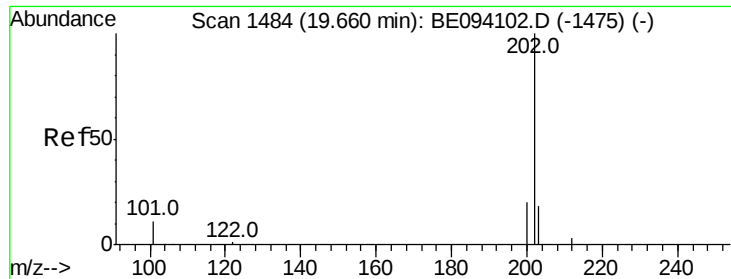
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094167.D
Acq: 3 Oct 2017 22:55

Tgt Ion:240 Resp: 14683
Ion Ratio Lower Upper
240 100
120 8.6 5.5 8.3#
236 26.0 20.7 31.1



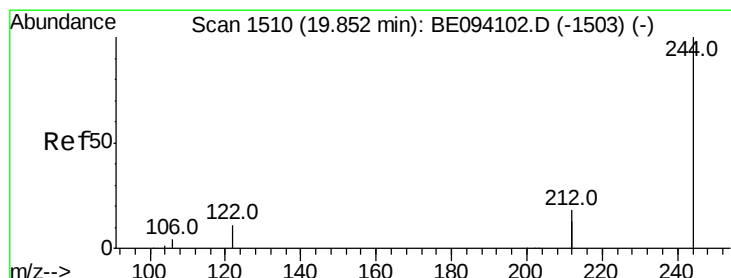
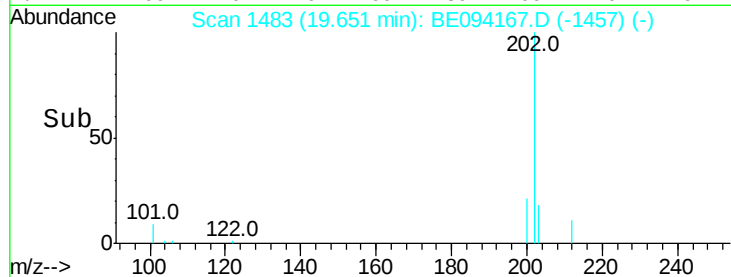
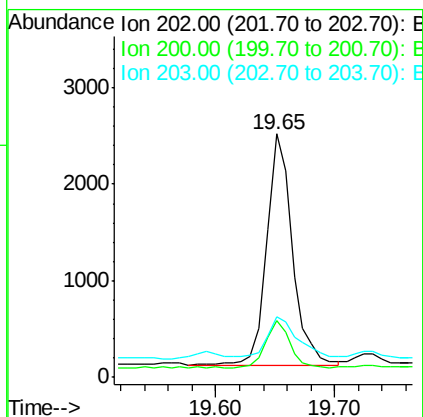
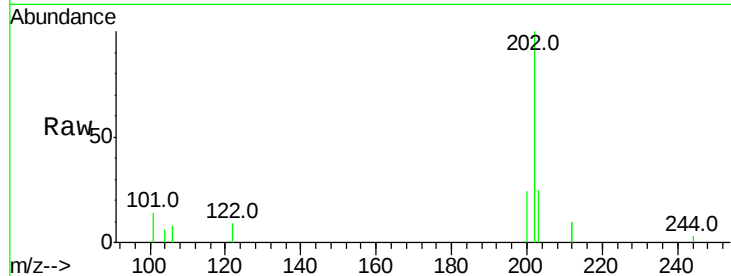
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





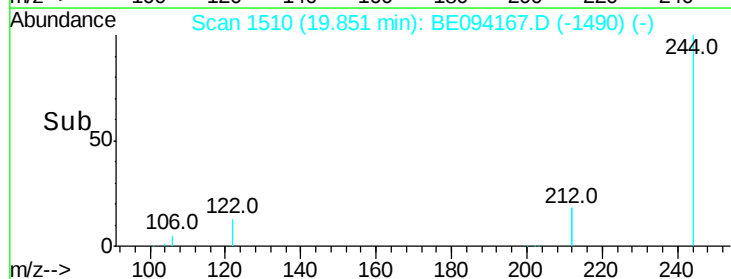
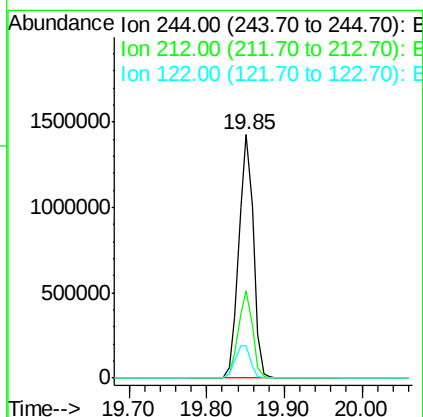
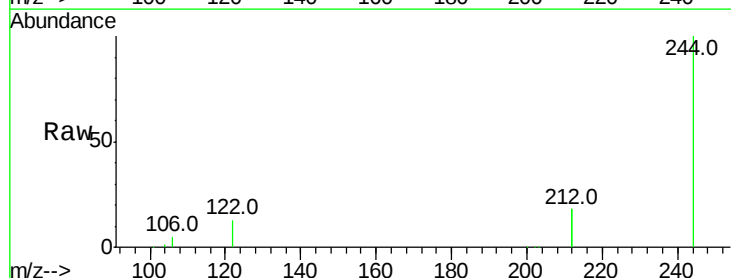
#28
Pvrene
Concen: 0.076 ng
RT: 19.65 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE094167.D
Acq: 3 Oct 2017 22:55

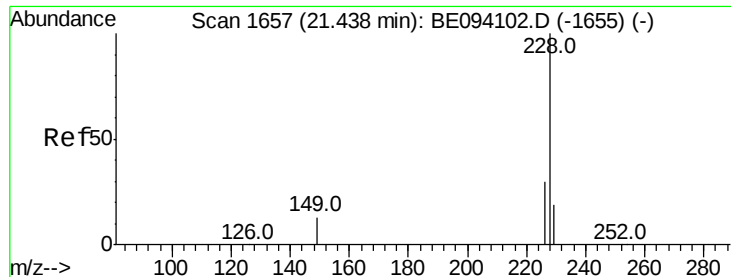
Tot Ion:202 Resp: 3549
Ion Ratio Lower Upper
202 100
200 19.8 16.6 25.0
203 20.3 13.8 20.8



#29
Terphenyl-d14
Concen: 68.896 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094167.D
Acq: 3 Oct 2017 22:55

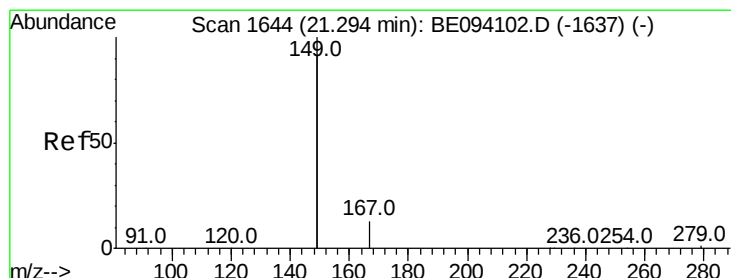
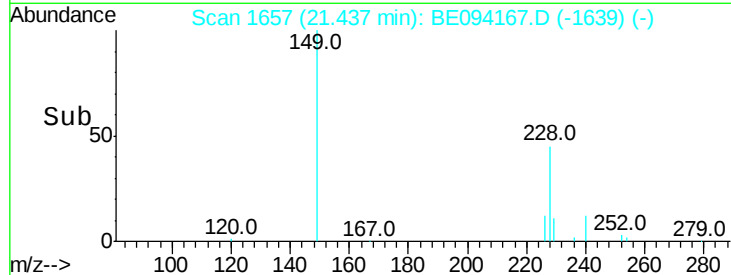
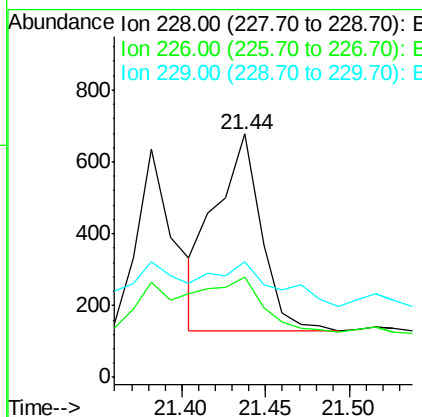
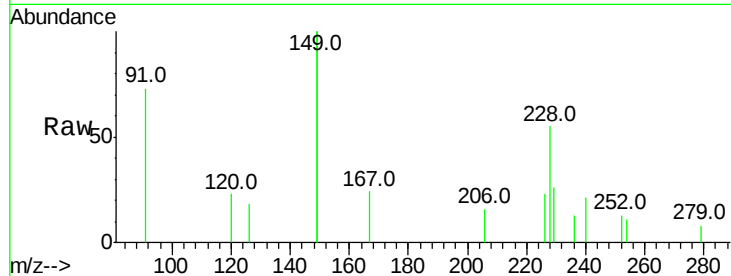
Tgt Ion:244 Resp: 1845641
Ion Ratio Lower Upper
244 100
212 35.7 25.4 38.0
122 13.1 8.1 12.1#





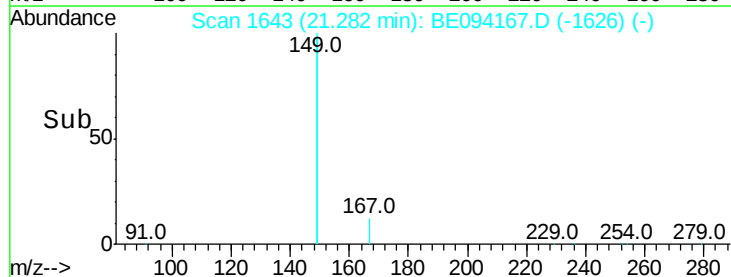
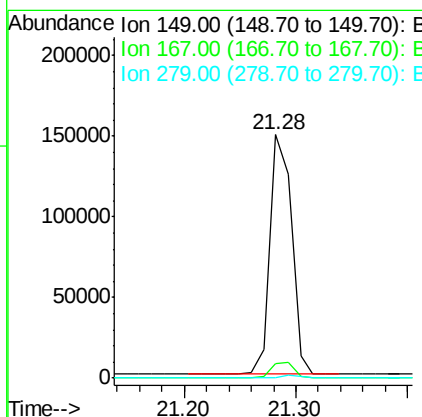
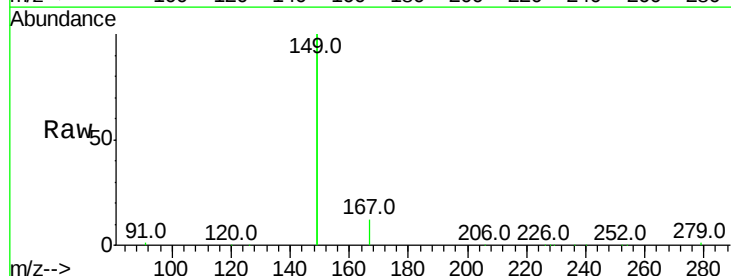
#31
 Chrysene
 Concen: 0.022 ng
 RT: 21.44 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: BE094167.D
 Acq: 3 Oct 2017 22:55

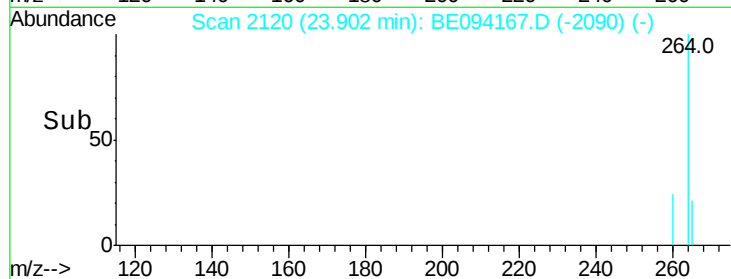
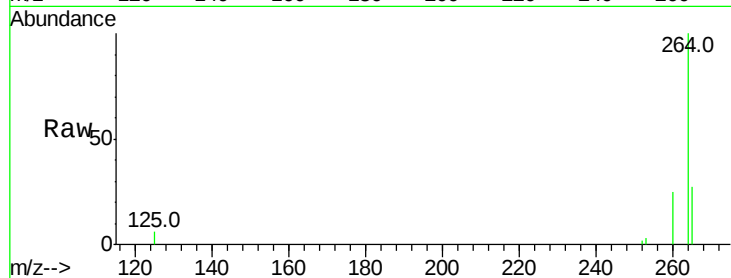
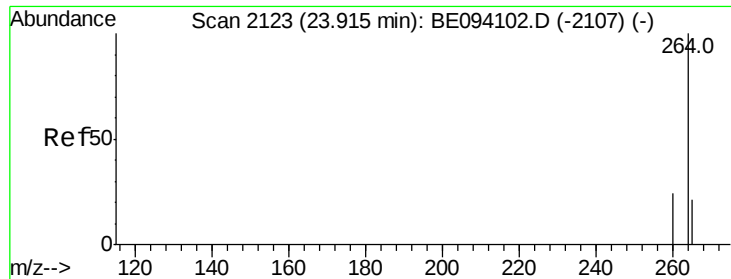
Tot Ion: 228 Resp: 1046
 Ion Ratio Lower Upper
 228 100
 226 41.0 23.6 35.4#
 229 47.5 16.4 24.6#



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 1.514 ng
 RT: 21.28 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BE094167.D
 Acq: 3 Oct 2017 22:55

Tgt Ion: 149 Resp: 201979
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.4 8.0
 279 0.9 0.7 1.1





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BE094167.D
 Acq: 3 Oct 2017 22:55

Tot Ion:264	Resp:	13762
Ion Ratio	Lower	Upper
264	100	
260	25.4	20.5 30.7
265	27.2	22.8 34.2

