

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100317\
 Data File : BE094165.D
 Acq On : 3 Oct 2017 21:40
 Operator : SJ/JU
 Sample : I5496-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 04 08:01:41 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	7.91	152	1606	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8209	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	5468	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	17699	0.40	ng	0.00
27) Chrysene-d12	21.40	240	14680	0.40	ng	0.00
34) Perylene-d12	23.91	264	13717	0.40	ng	0.00

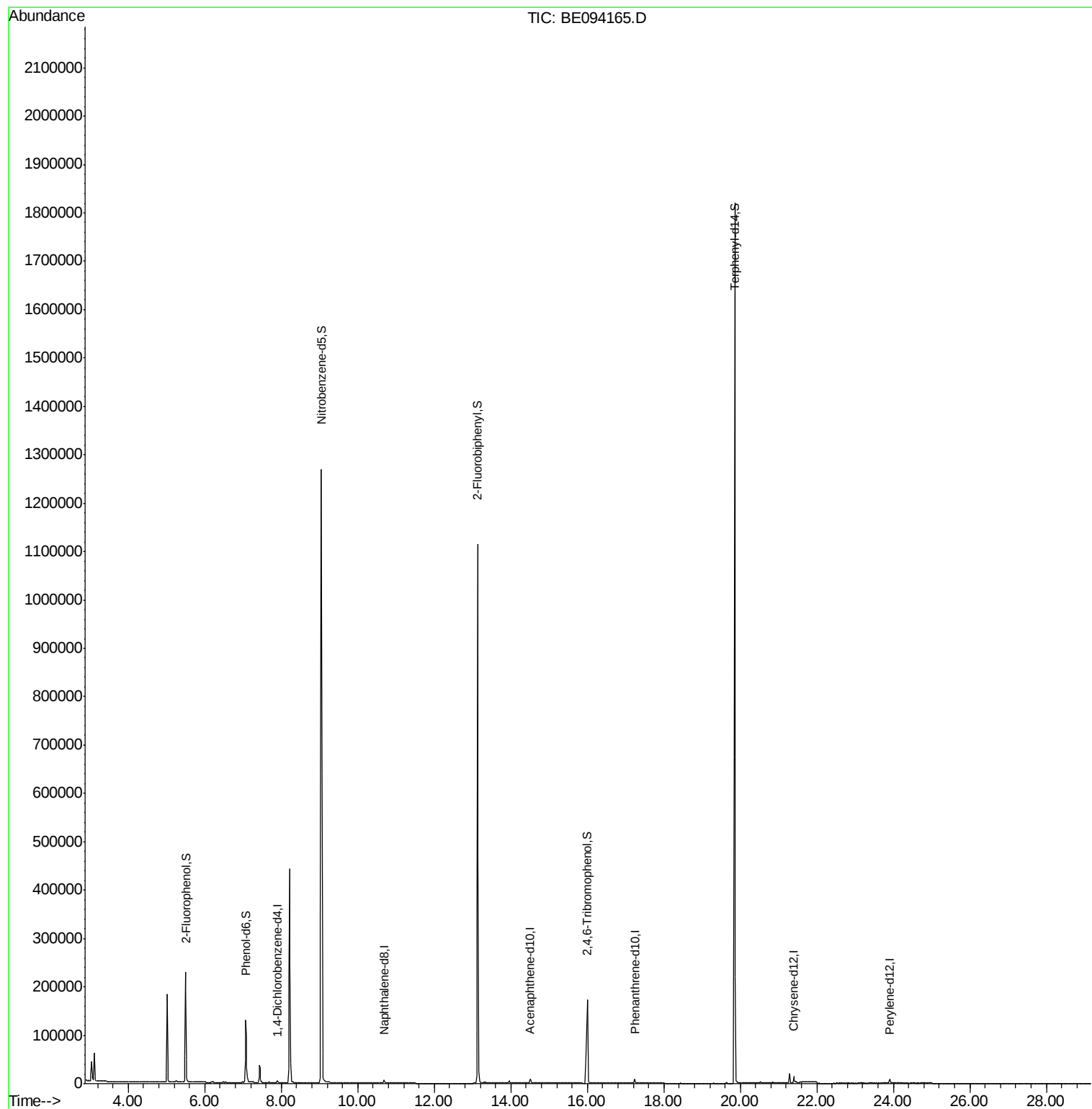
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.50	112	123162	20.23	ng	0.00
5) Phenol-d6	7.07	99	129453	15.31	ng	-0.01
8) Nitrobenzene-d5	9.04	82	466888	58.77	ng	-0.02
11) 2-Methylnaphthalene-d10	12.28	152	2	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	159424	56.15	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	998049	55.24	ng	0.00
25) Fluoranthene-d10	19.30	212	340	0.00	ng	0.03
29) Terphenyl-d14	19.85	244	1573678	58.76	ng	0.00

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

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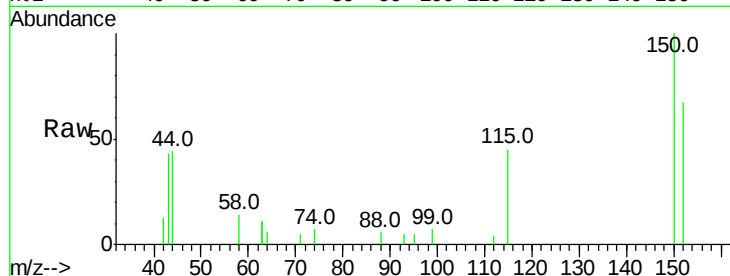




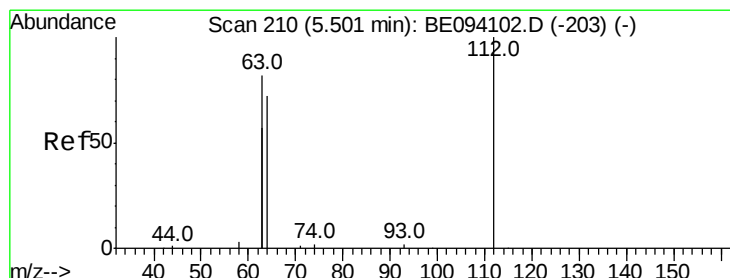
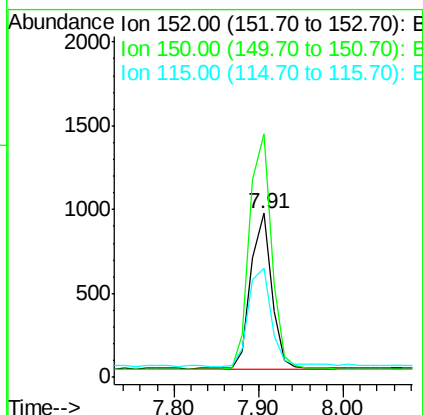
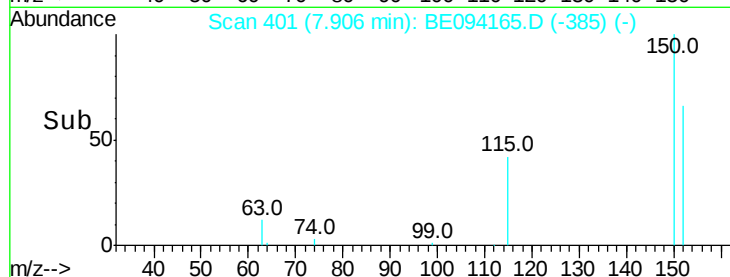
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	117.2	175.8
115	66.8	57.0	85.6



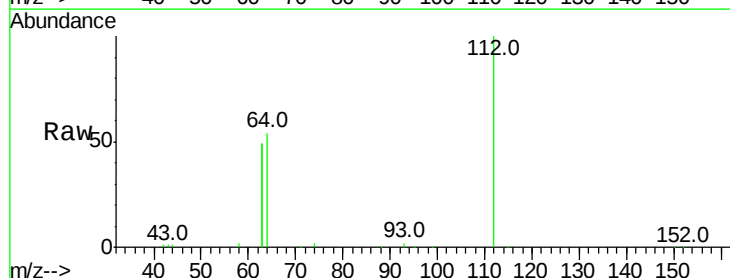
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



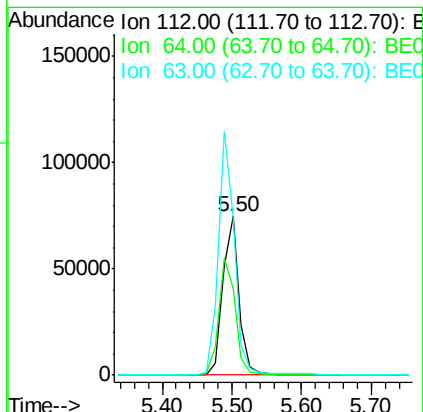
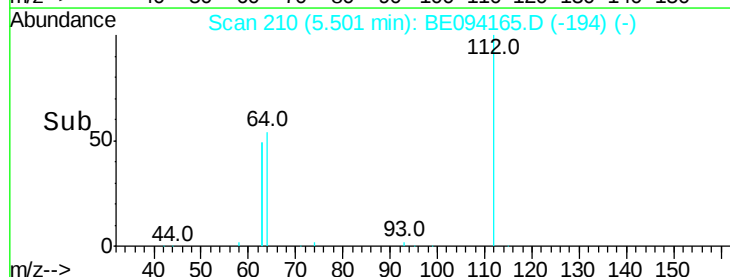
#4

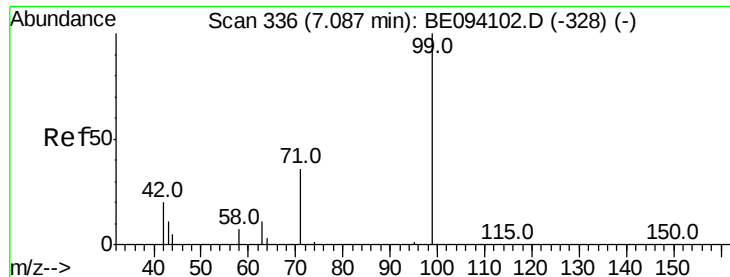
2-Fluorophenol
Concen: 20.230 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.5	60.1	90.1
63	148.6	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: 15.308 ng

RT: 7.07 min Scan# 335

Delta R.T. -0.01 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

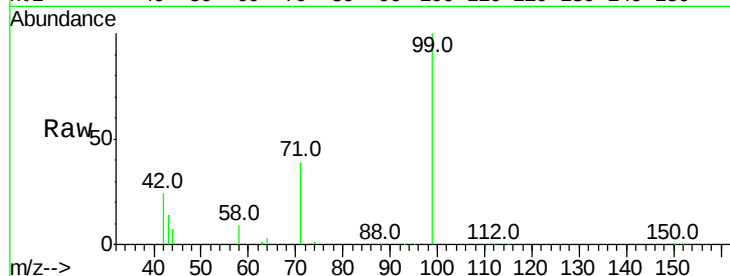
Tot Ion: 99 Resp: 129453

Ion Ratio Lower Upper

99 100

42 21.6 20.2 30.2

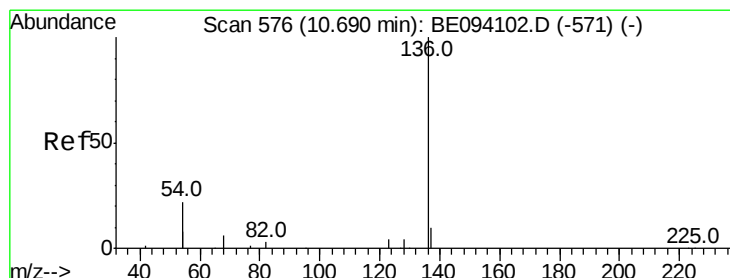
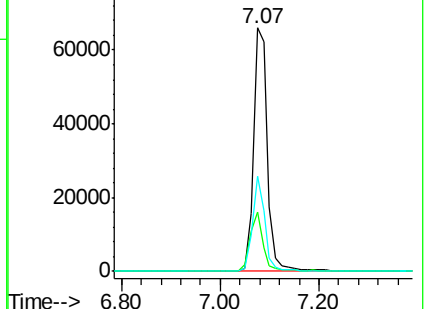
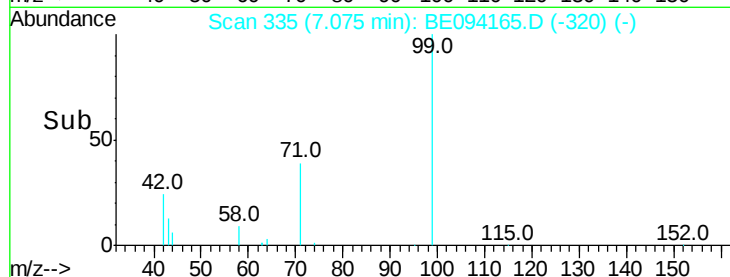
71 34.2 28.4 42.6



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: BE094165.D

Acq: 3 Oct 2017 21:40

Tgt Ion: 136 Resp: 8209

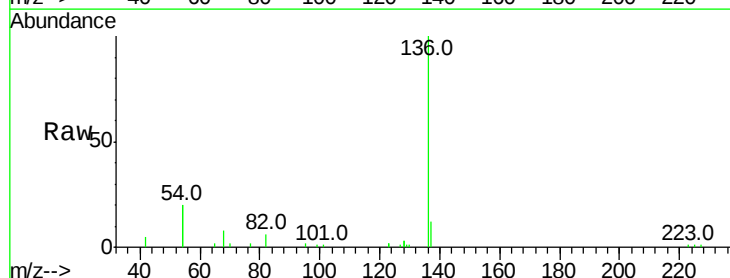
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 39.1 29.1 43.7

68 7.7 6.2 9.2

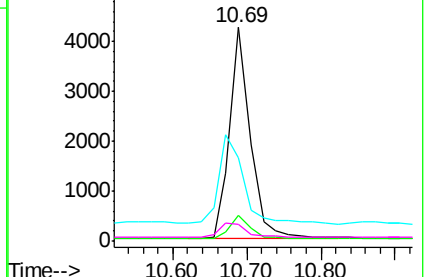
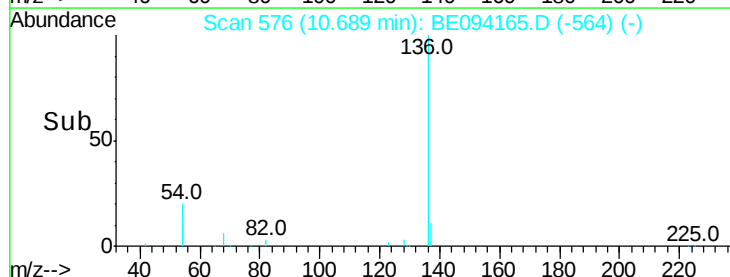


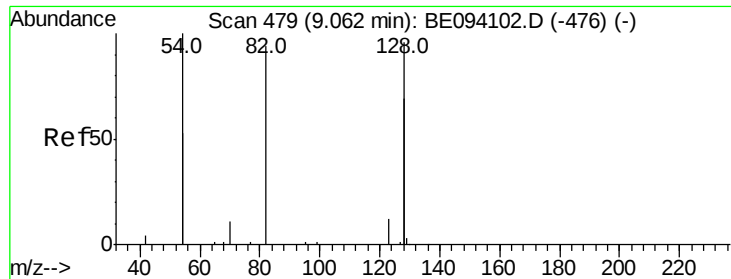
Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.773 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

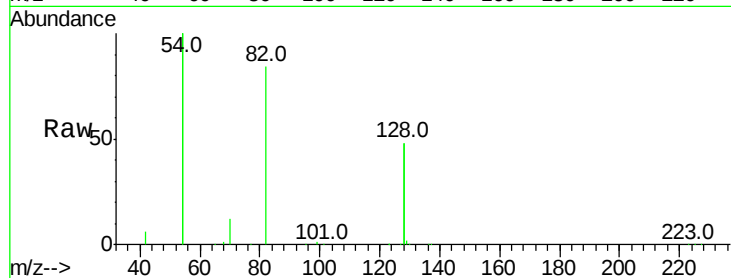
Tot Ion: 82 Resp: 466888

Ion Ratio Lower Upper

82 100

128 114.1 150.0 225.0#

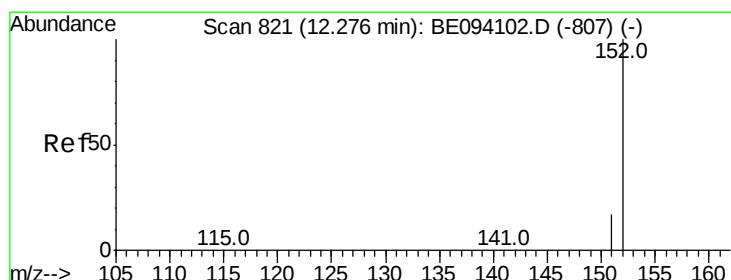
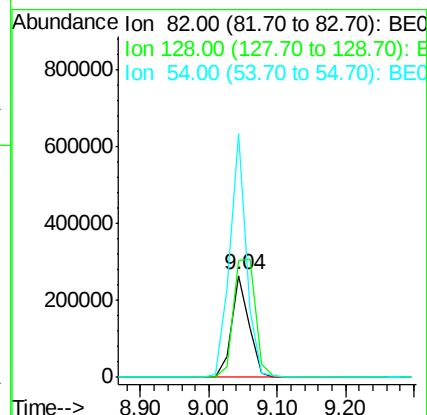
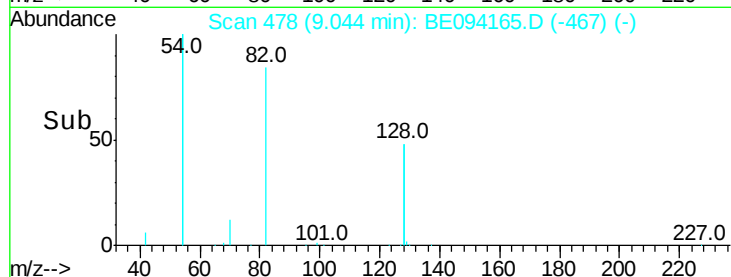
54 238.8 154.2 231.4#



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: 12.28 min Scan# 822

Delta R.T. 0.00 min

Lab File: BE094165.D

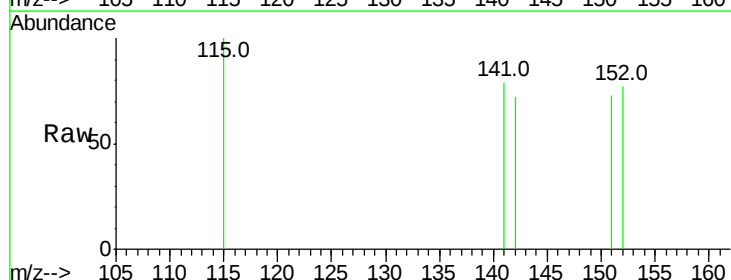
Acq: 3 Oct 2017 21:40

Tgt Ion: 152 Resp: 2

Ion Ratio Lower Upper

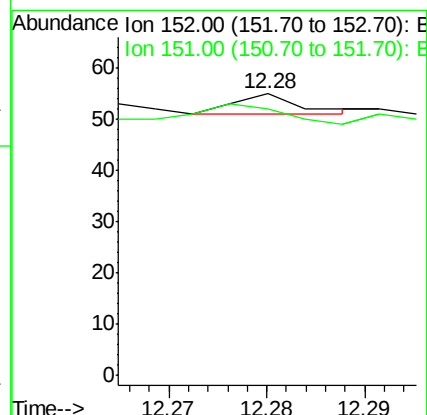
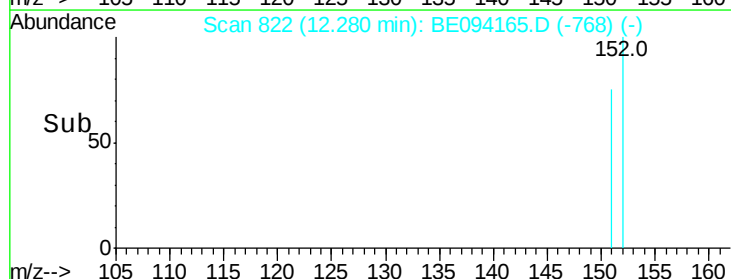
152 100

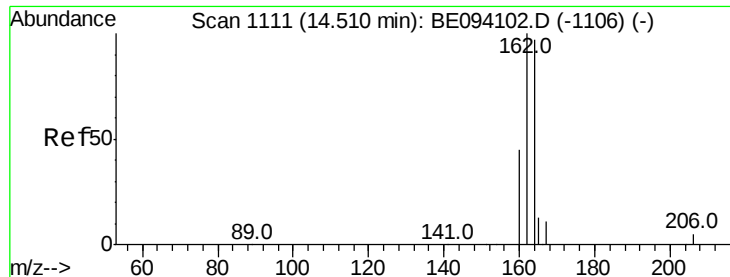
151 100.0 15.4 23.0#



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

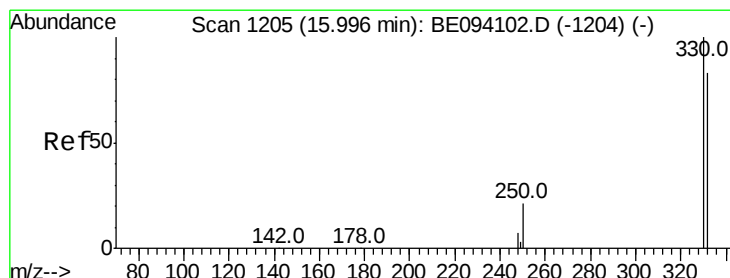
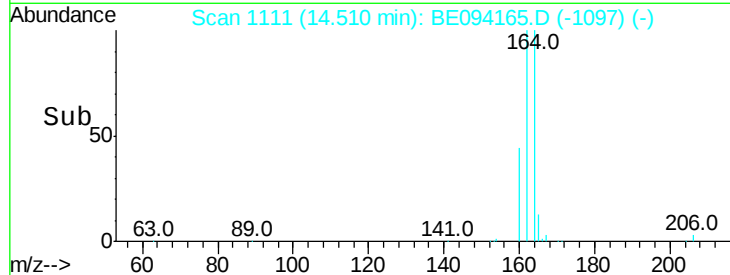
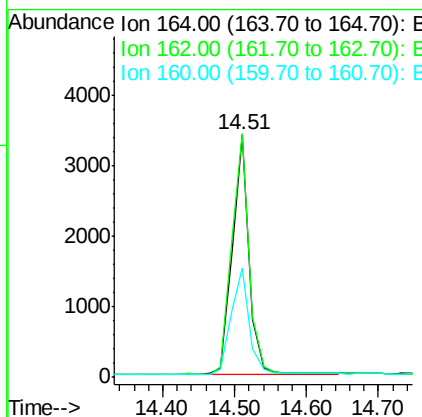
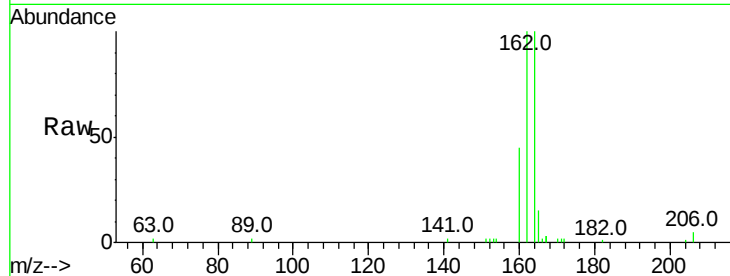
Ion 151.00 (150.70 to 151.70): BE094102.D (-807) (-)





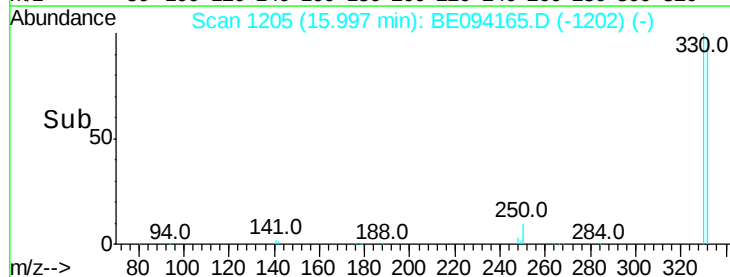
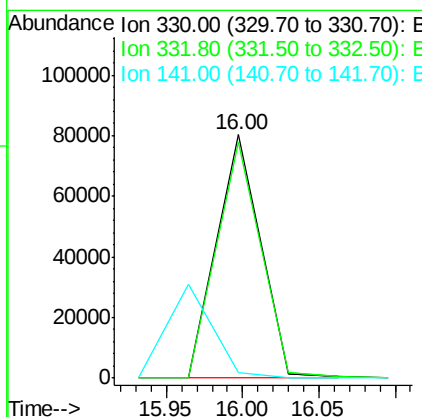
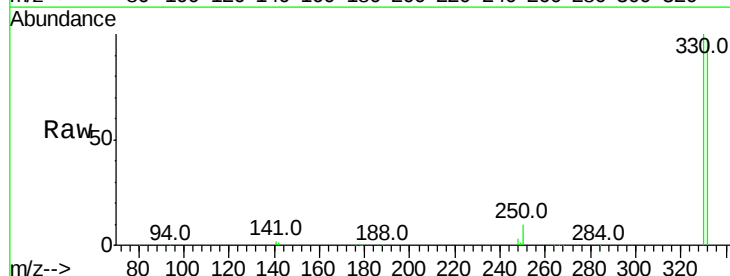
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

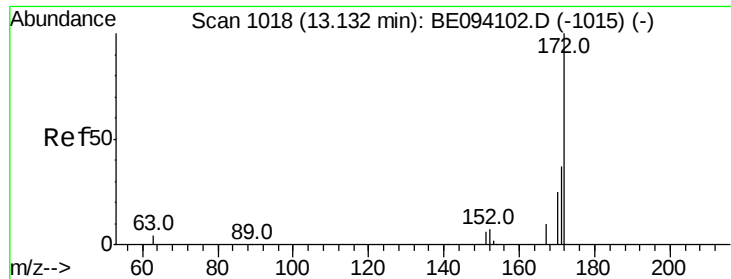
Tot Ion:164 Resp: 5468
Ion Ratio Lower Upper
164 100
162 100.4 83.1 124.7
160 45.2 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 56.154 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

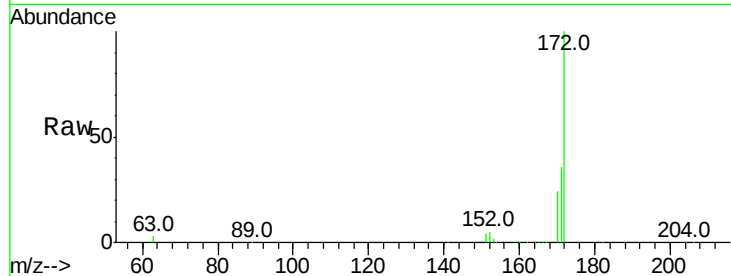
Tgt Ion:330 Resp: 159424
Ion Ratio Lower Upper
330 100
332 97.8 152.7 229.1#
141 0.0 33.7 50.5#



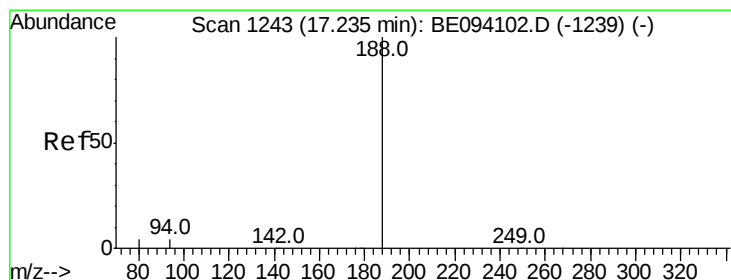
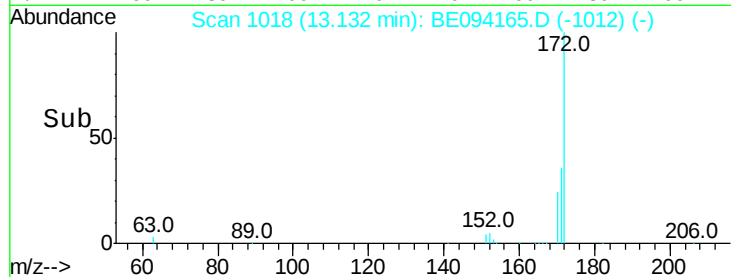
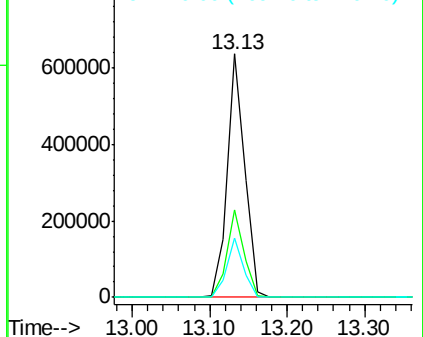


#15
2-Fluorobiphenyl
Concen: 55.241 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tot Ion:172 Resp: 998049
Ion Ratio Lower Upper
172 100
171 36.0 29.9 44.9
170 24.3 21.8 32.8

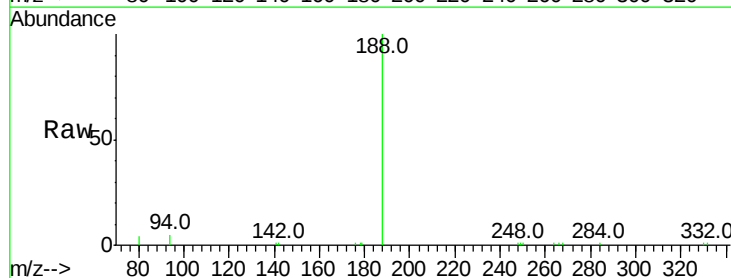


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

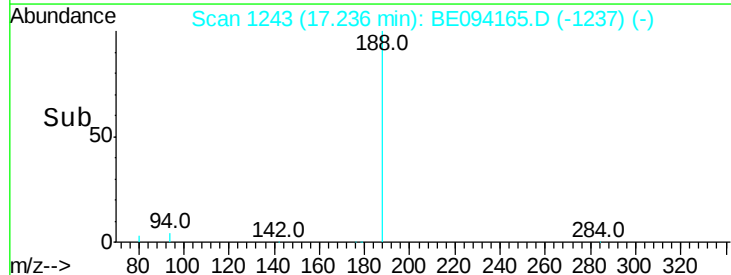
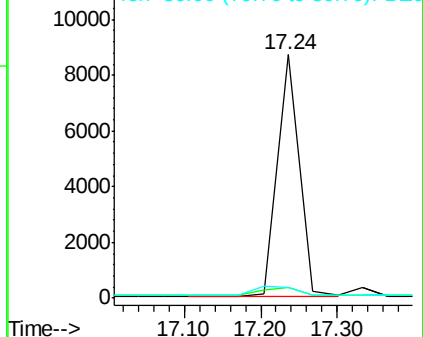


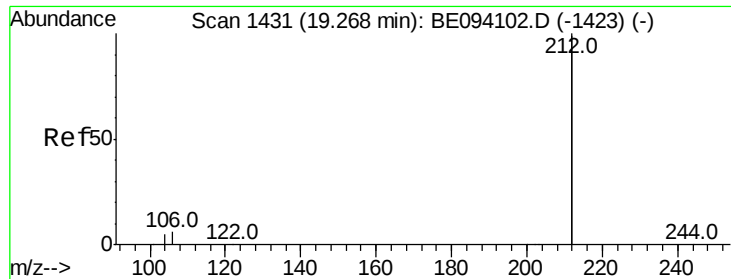
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:188 Resp: 17699
Ion Ratio Lower Upper
188 100
94 4.6 3.9 5.9
80 4.4 3.6 5.4



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





#25

Fluoranthene-d10

Concen: 0.002 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.03 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

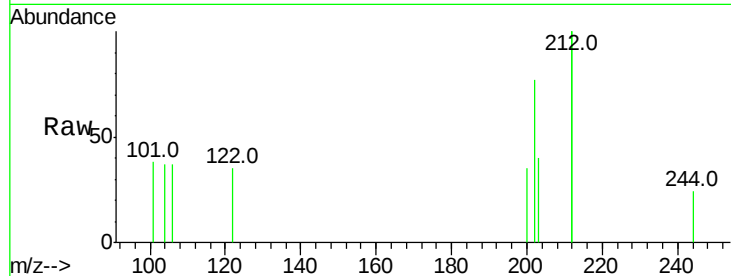
Tot Ion:212 Resp: 340

Ion Ratio Lower Upper

212 100

106 2.6 2.8 4.2#

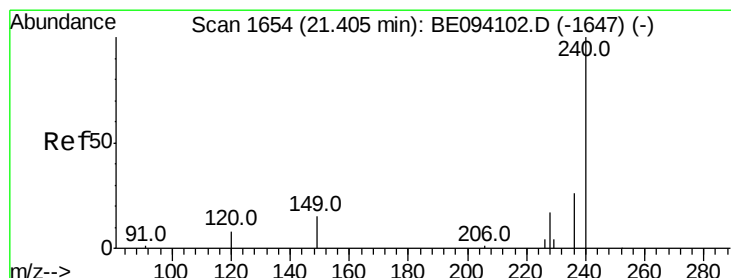
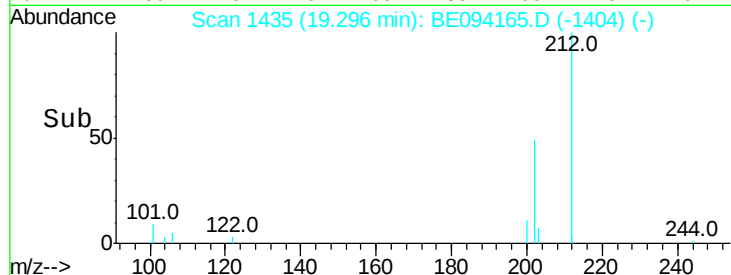
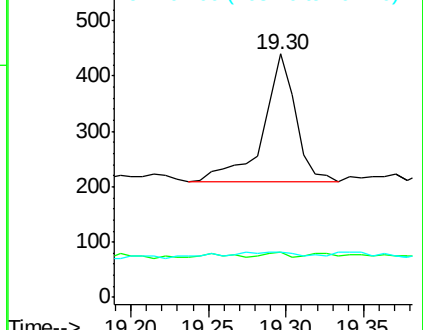
104 10.6 1.6 2.4#



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE094165.D

Acq: 3 Oct 2017 21:40

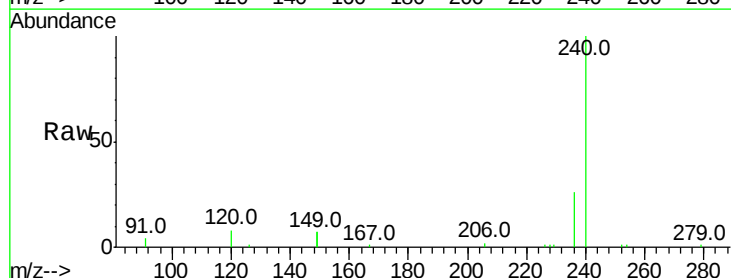
Tgt Ion:240 Resp: 14680

Ion Ratio Lower Upper

240 100

120 8.5 5.5 8.3#

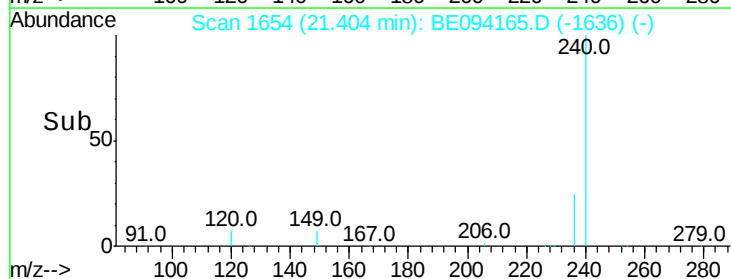
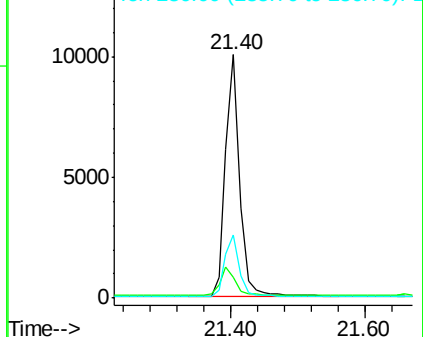
236 26.0 20.7 31.1

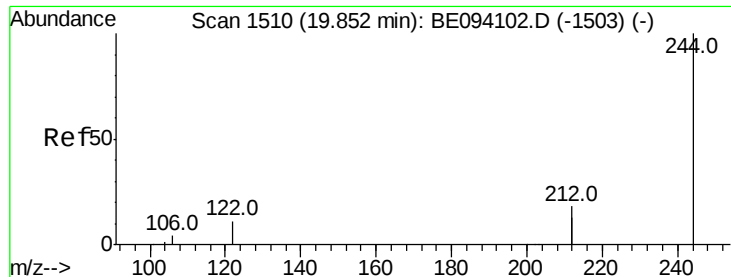


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

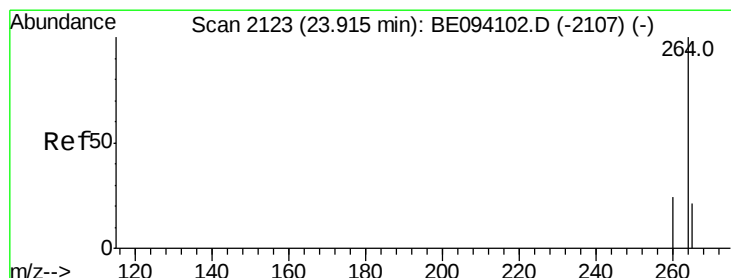
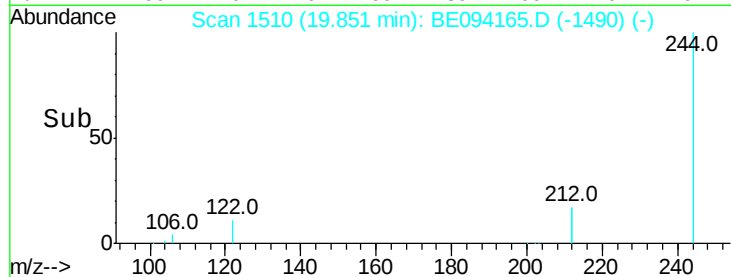
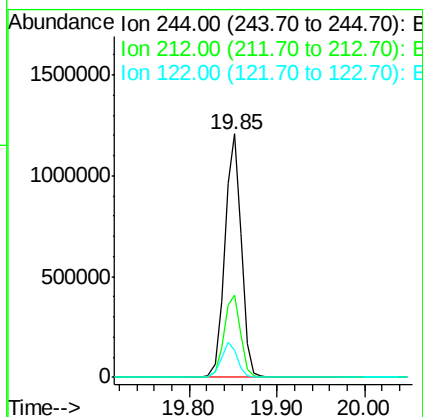
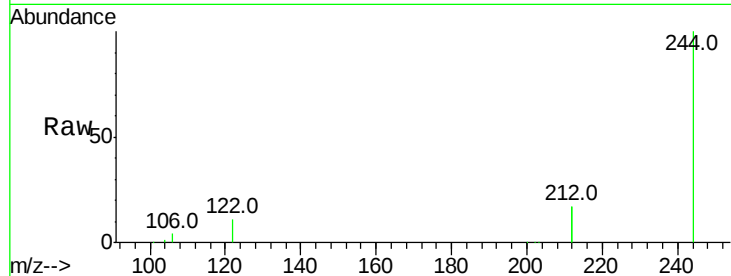




#29
 Terphenyl-d14
 Concen: 58.756 ng
 RT: 19.85 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BE094165.D
 Acq: 3 Oct 2017 21:40

Tot Ion:244 Resp: 1573678

Ion	Ratio	Lower	Upper
244	100		
212	33.9	25.4	38.0
122	11.3	8.1	12.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BE094165.D
 Acq: 3 Oct 2017 21:40

Tgt Ion:264 Resp: 13717

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	27.9	22.8	34.2

