

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100317\
 Data File : BE094161.D
 Acq On : 3 Oct 2017 19:14
 Operator : SJ/JU
 Sample : I5496-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 07:51:10 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	1680	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8575	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	5374	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	17149	0.40	ng	0.00
27) Chrysene-d12	21.40	240	14566	0.40	ng	0.00
34) Perylene-d12	23.90	264	13640	0.40	ng	-0.01

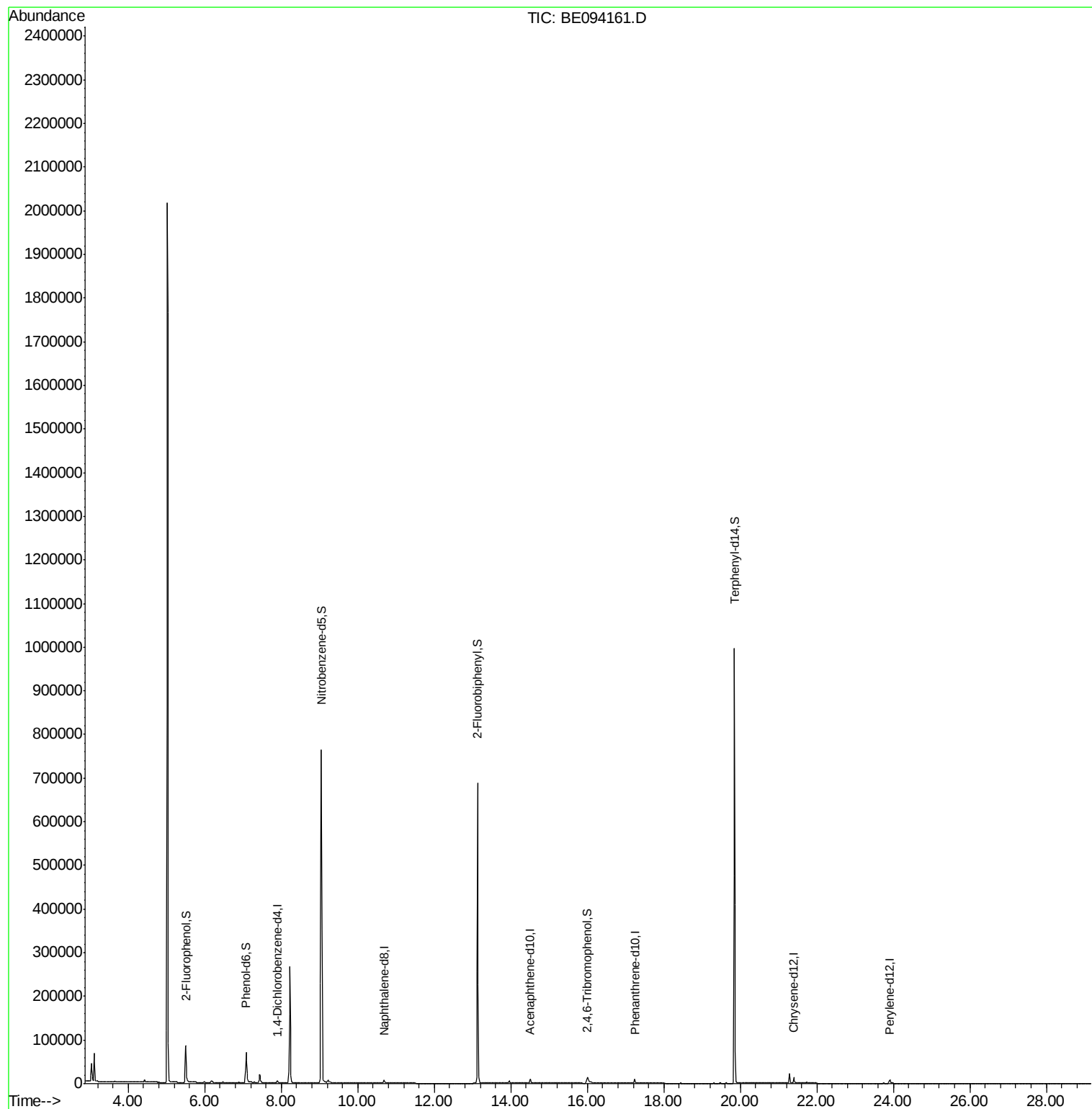
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.50	112	56947	8.94	ng	0.00
5) Phenol-d6	7.08	99	68984	7.80	ng	-0.01
8) Nitrobenzene-d5	9.04	82	284313	34.26	ng	-0.02
11) 2-Methylnaphthalene-d10	12.28	152	6	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	20340m	7.25	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	606648	34.16	ng	0.00
25) Fluoranthene-d10	19.30	212	513	0.00	ng	0.03
29) Terphenyl-d14	19.85	244	887346	33.39	ng	0.00

Target Compounds	Qvalue

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

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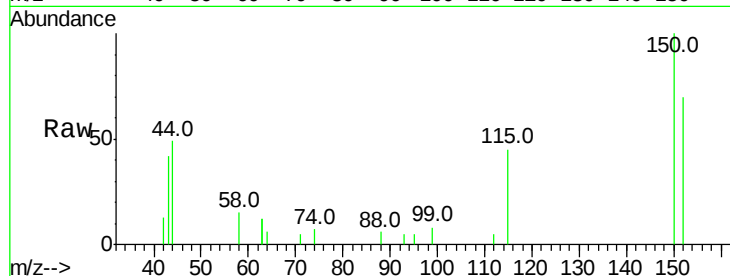




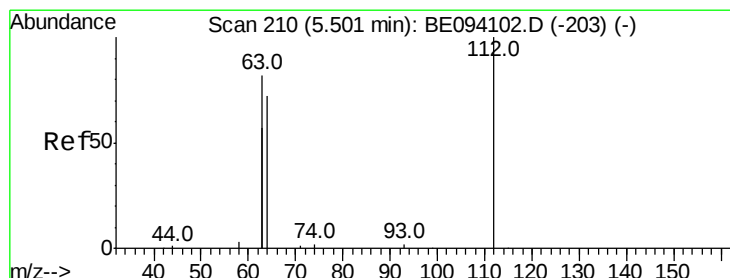
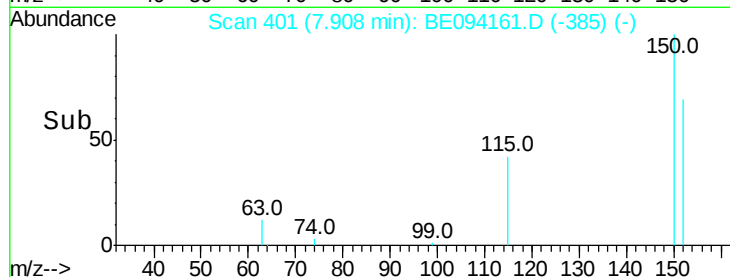
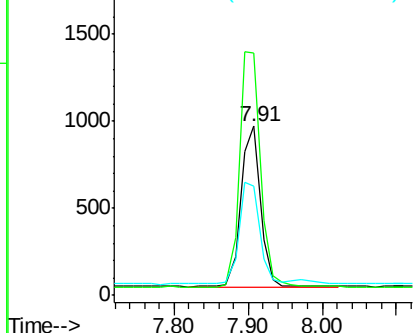
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tot Ion:152 Resp: 1680
Ion Ratio Lower Upper
152 100
150 143.2 117.2 175.8
115 64.5 57.0 85.6



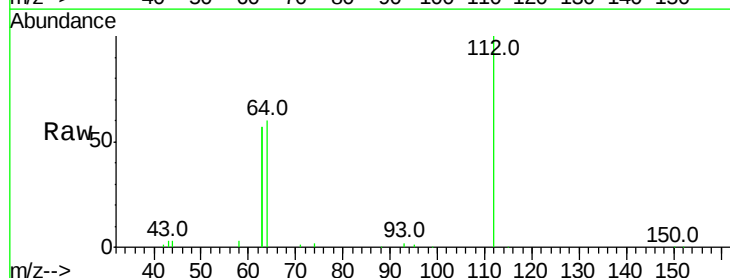
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



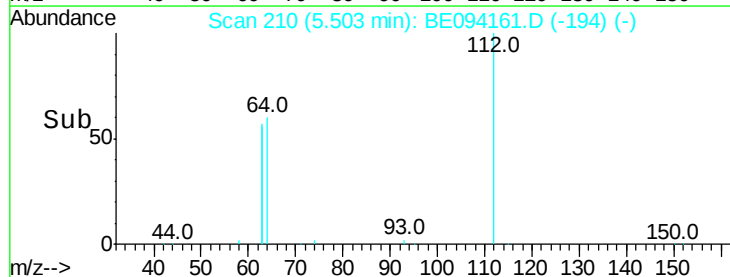
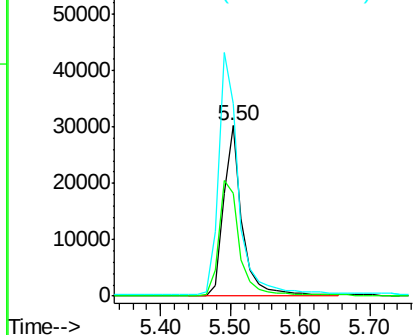
#4

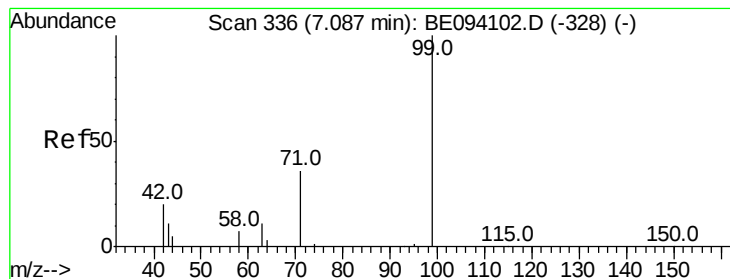
2-Fluorophenol
Concen: 8.942 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:112 Resp: 56947
Ion Ratio Lower Upper
112 100
64 74.8 60.1 90.1
63 149.9 116.8 175.2



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: 7.798 ng

RT: 7.08 min Scan# 335

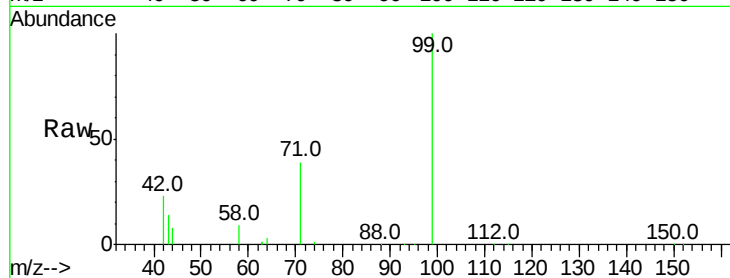
Delta R.T. -0.01 min

Lab File: BE094161.D

Acq: 3 Oct 2017 19:14

Tot Ion: 99 Resp: 68984

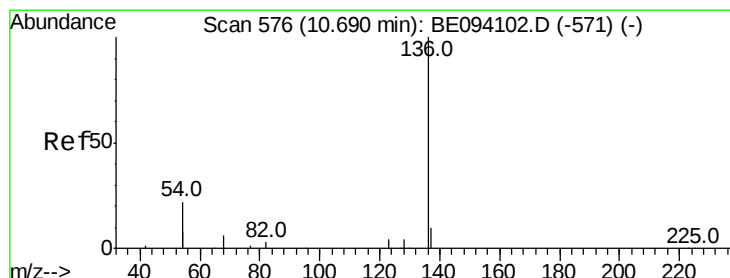
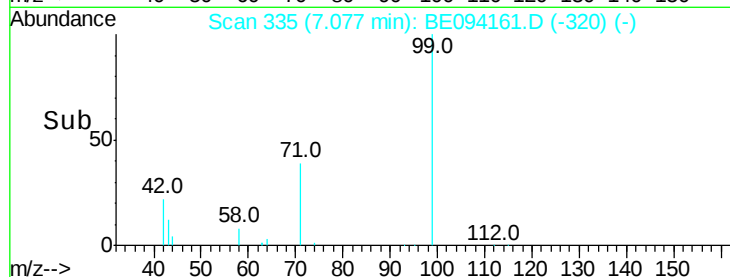
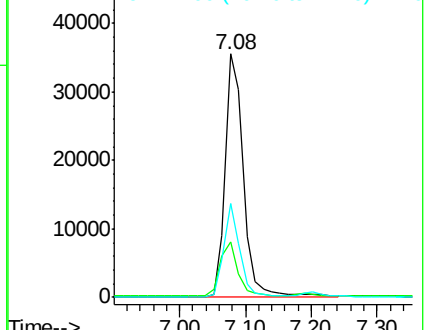
Ion	Ratio	Lower	Upper
99	100		
42	21.7	20.2	30.2
71	33.9	28.4	42.6



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: BE094161.D

Acq: 3 Oct 2017 19:14

Tgt Ion: 136 Resp: 8575

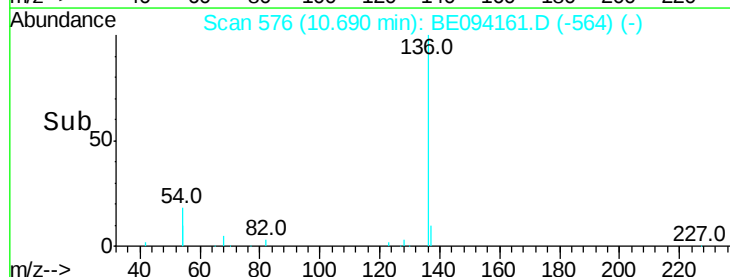
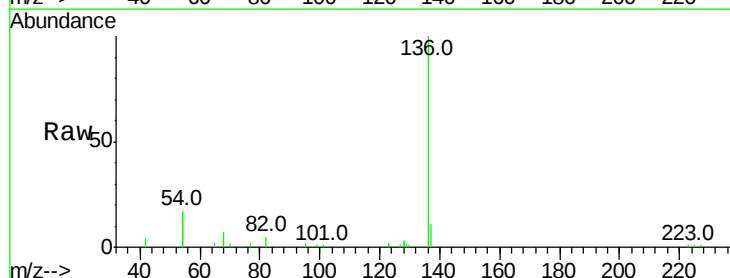
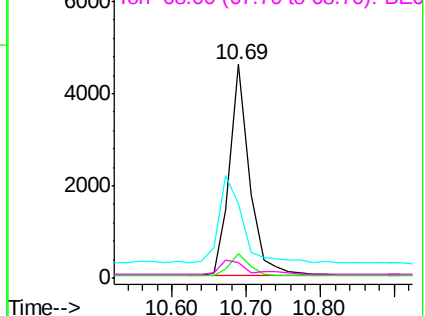
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	35.0	29.1	43.7
68	7.1	6.2	9.2

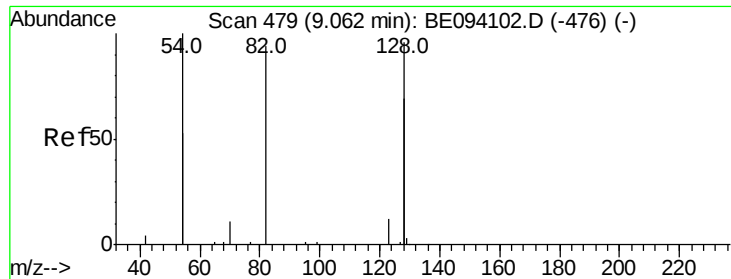
Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.262 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094161.D

Acq: 3 Oct 2017 19:14

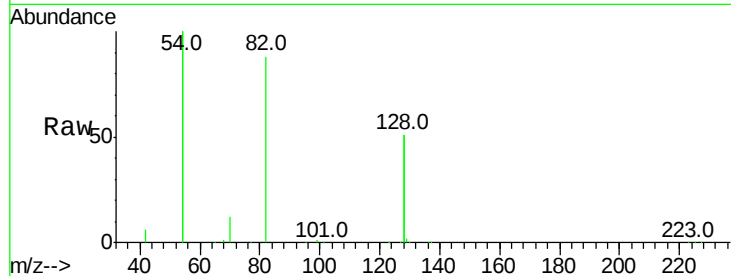
Tot Ion: 82 Resp: 284313

Ion Ratio Lower Upper

82 100

128 116.3 150.0 225.0#

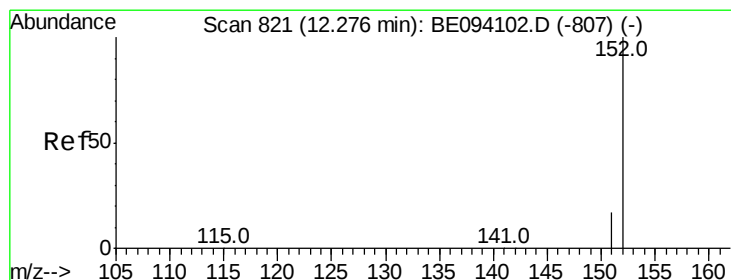
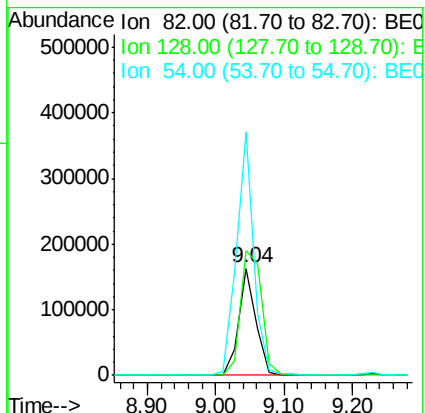
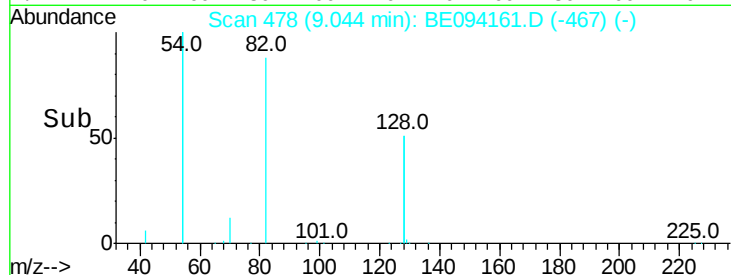
54 227.2 154.2 231.4



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



#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.28 min Scan# 823

Delta R.T. 0.01 min

Lab File: BE094161.D

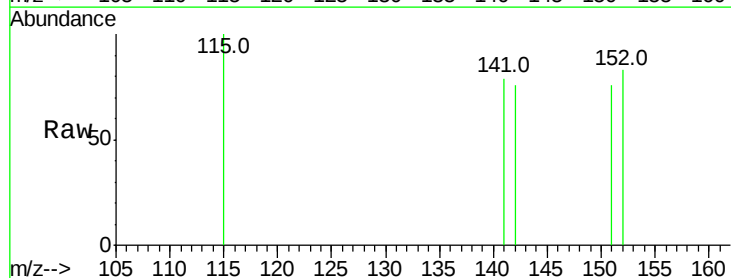
Acq: 3 Oct 2017 19:14

Tgt Ion: 152 Resp: 6

Ion Ratio Lower Upper

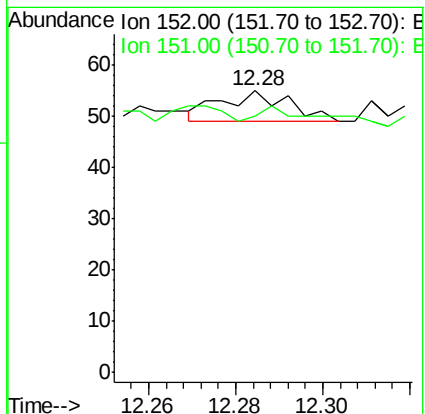
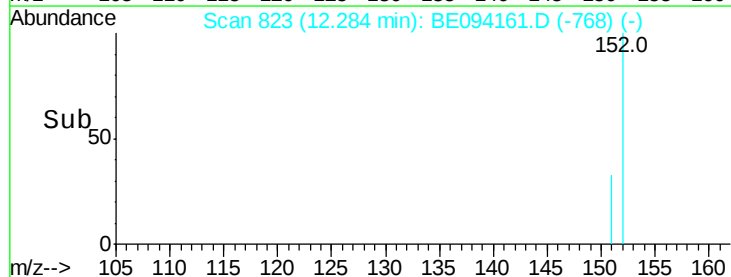
152 100

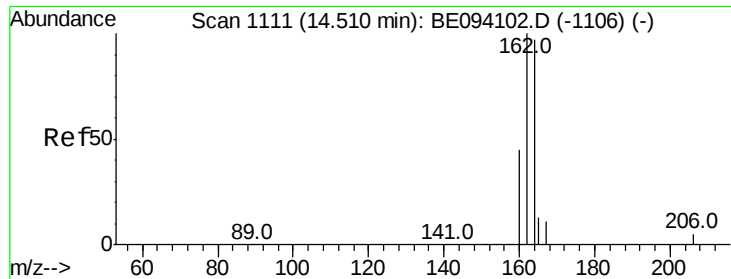
151 66.7 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E

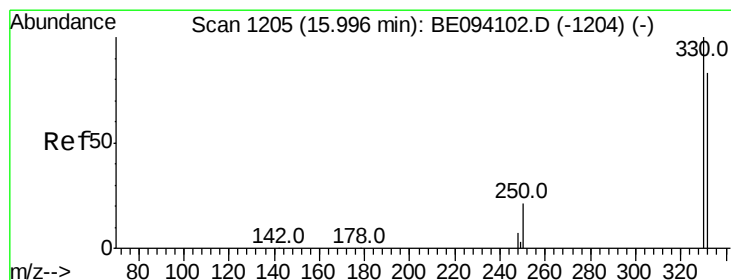
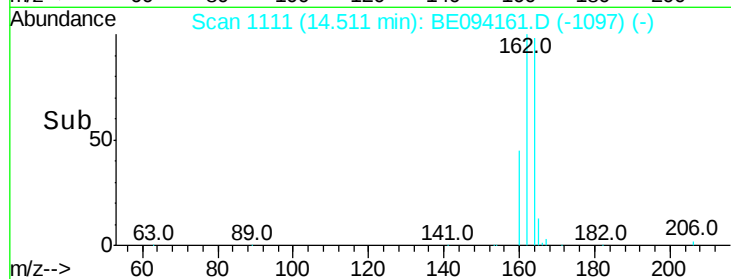
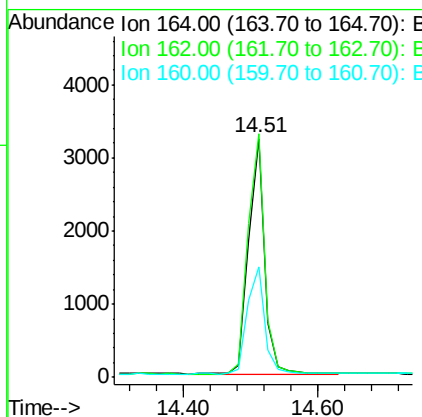
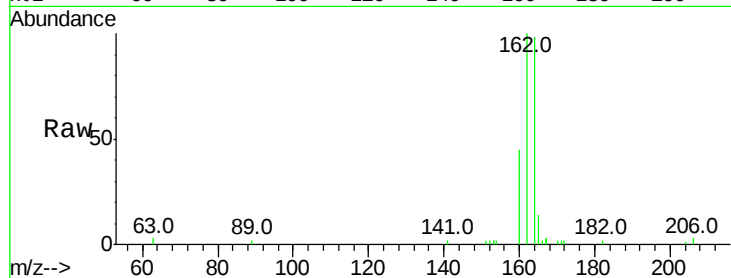
Ion 151.00 (150.70 to 151.70): E





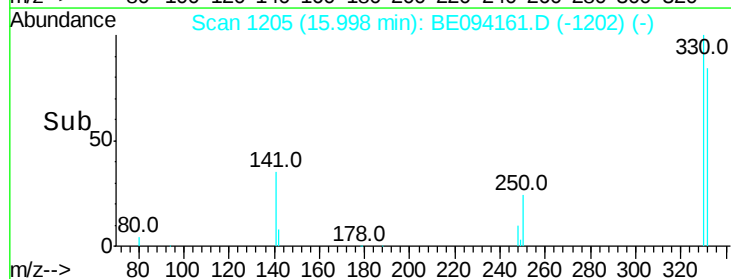
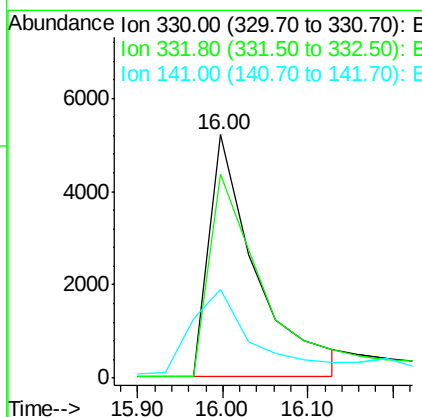
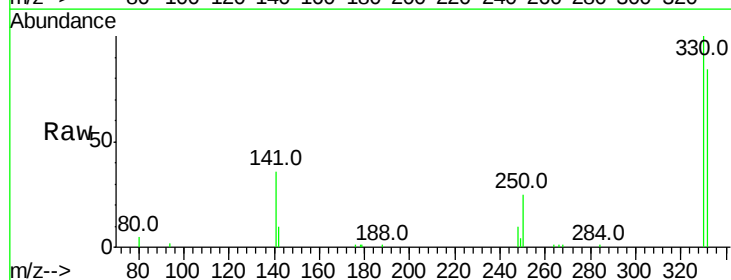
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

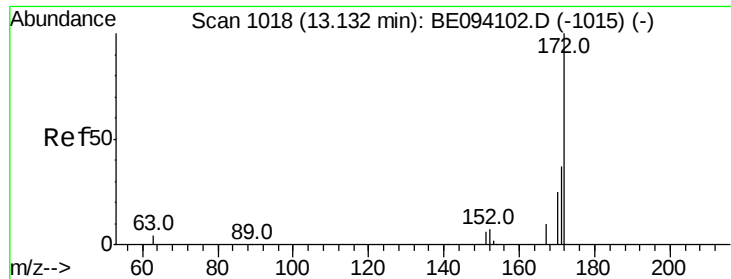
Tot Ion:164 Resp: 5374
Ion Ratio Lower Upper
164 100
162 102.0 83.1 124.7
160 46.3 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 7.253 ng m
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

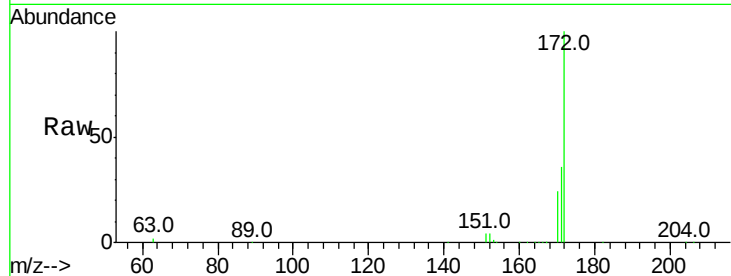
Tgt Ion:330 Resp: 20340
Ion Ratio Lower Upper
330 100
332 79.0 152.7 229.1#
141 15.6 33.7 50.5#



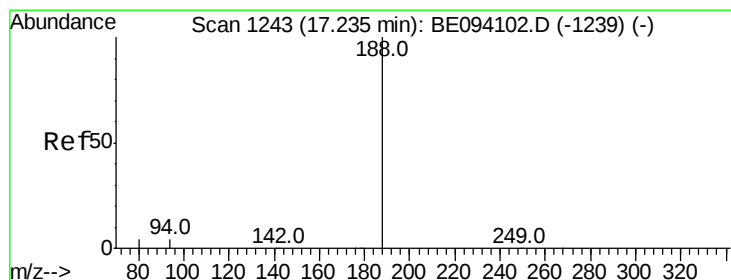
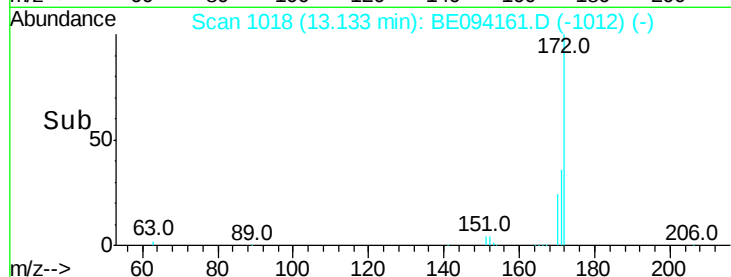
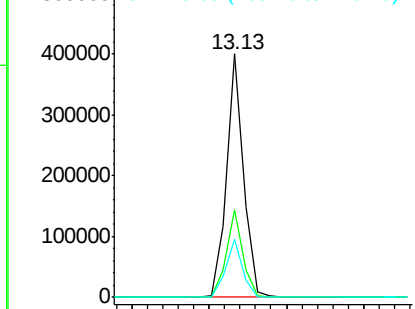


#15
2-Fluorobiphenyl
Concen: 34.165 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tot Ion:172 Resp: 606648
Ion Ratio Lower Upper
172 100
171 35.9 29.9 44.9
170 23.8 21.8 32.8

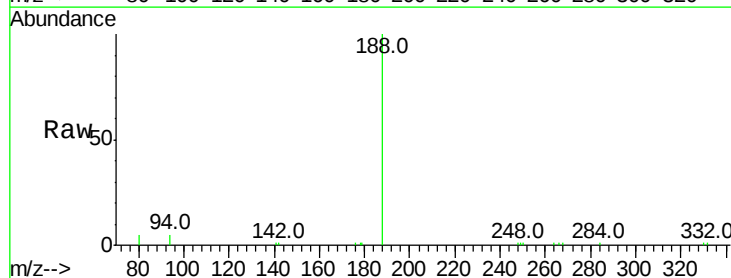


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

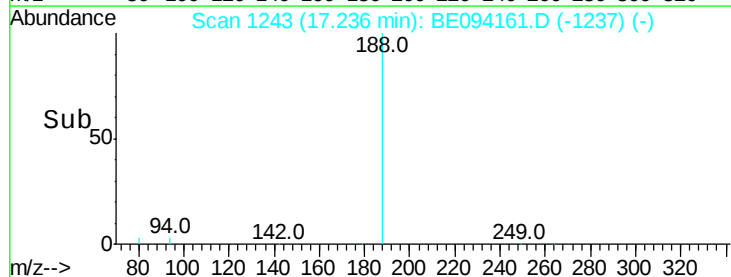
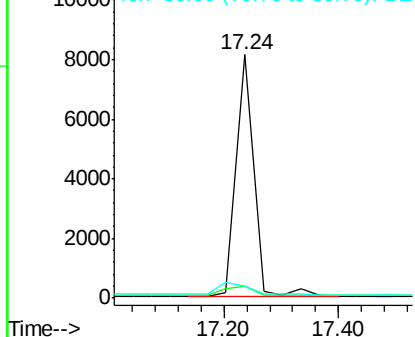


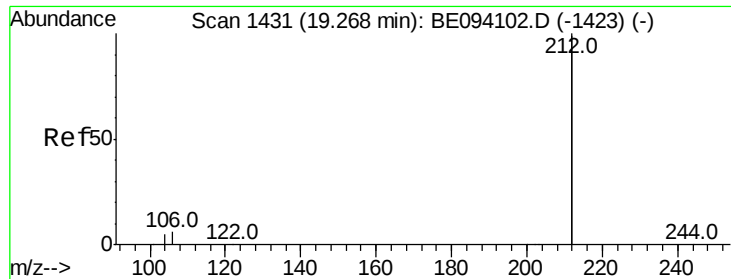
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:188 Resp: 17149
Ion Ratio Lower Upper
188 100
94 4.7 3.9 5.9
80 4.7 3.6 5.4



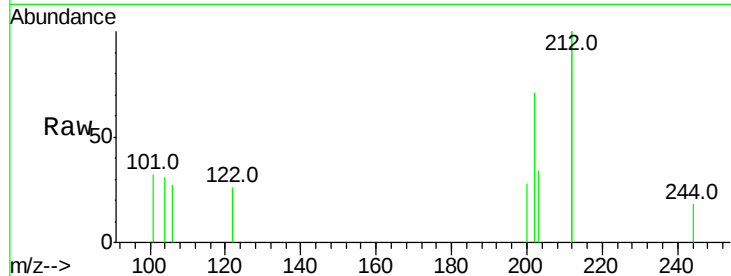
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0



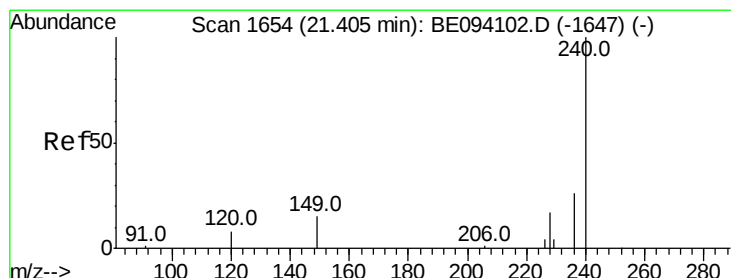
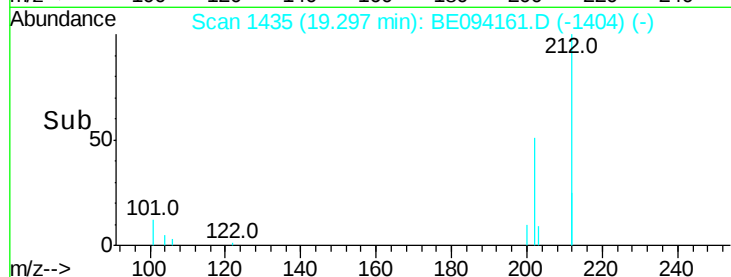
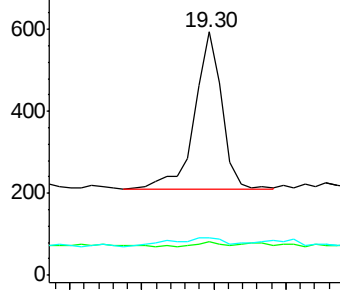


#25
Fluoranthene-d10
Concen: 0.003 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.03 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tot Ion:212 Resp: 513
Ion Ratio Lower Upper
212 100
106 3.1 2.8 4.2
104 11.9 1.6 2.4#

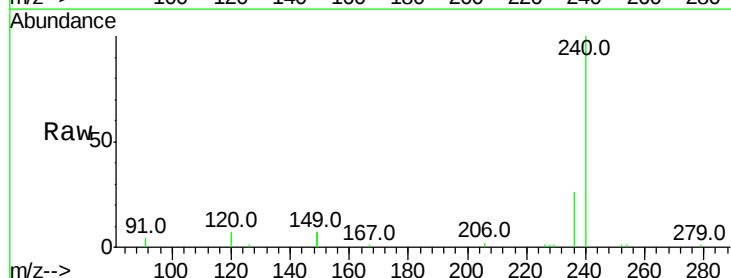


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

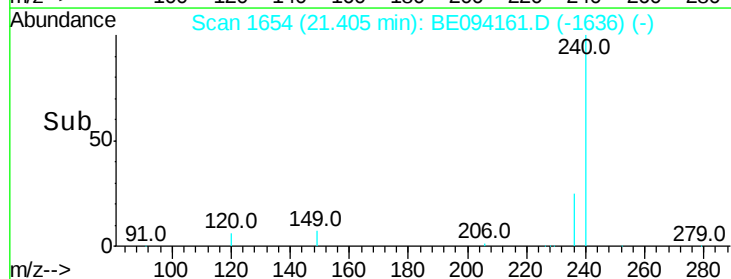
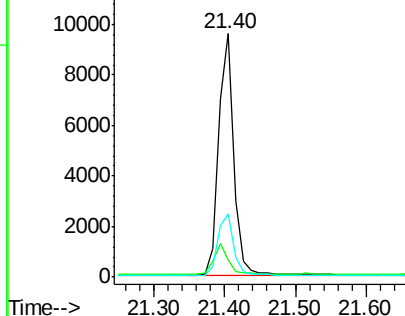


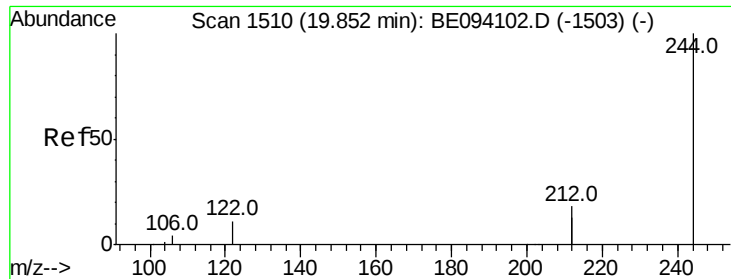
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:240 Resp: 14566
Ion Ratio Lower Upper
240 100
120 7.2 5.5 8.3
236 25.9 20.7 31.1



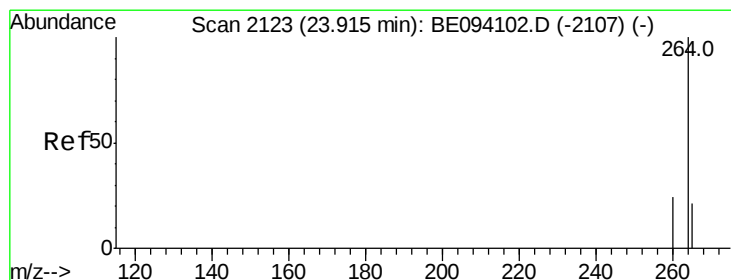
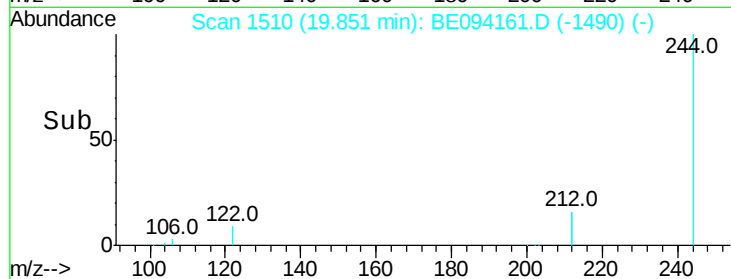
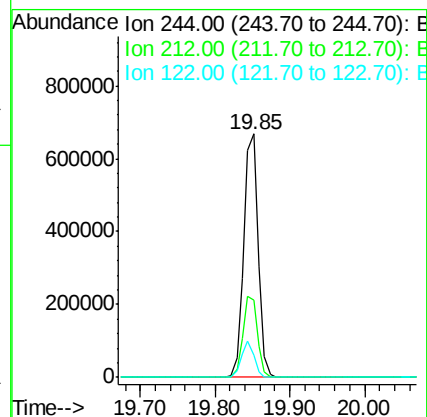
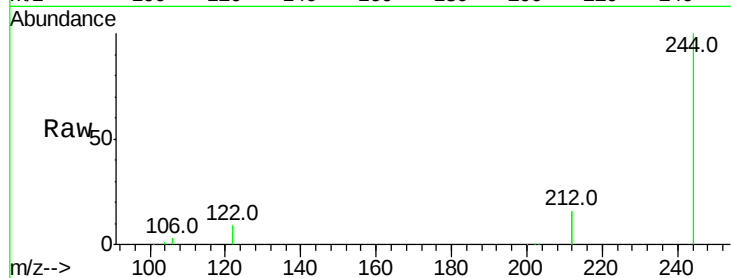
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#29
 Terphenyl-d14
 Concen: 33.390 ng
 RT: 19.85 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BE094161.D
 Acq: 3 Oct 2017 19:14

Tot Ion:244 Resp: 887346
 Ion Ratio Lower Upper
 244 100
 212 31.8 25.4 38.0
 122 9.2 8.1 12.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BE094161.D
 Acq: 3 Oct 2017 19:14

Tgt Ion:264 Resp: 13640
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.5 30.7
 265 28.6 22.8 34.2

