

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091417\
 Data File : BE094001.D
 Acq On : 14 Sep 2017 12:15
 Operator : SJ/JU
 Sample : I5189-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-04-090817

Quant Time: Sep 15 00:50:07 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

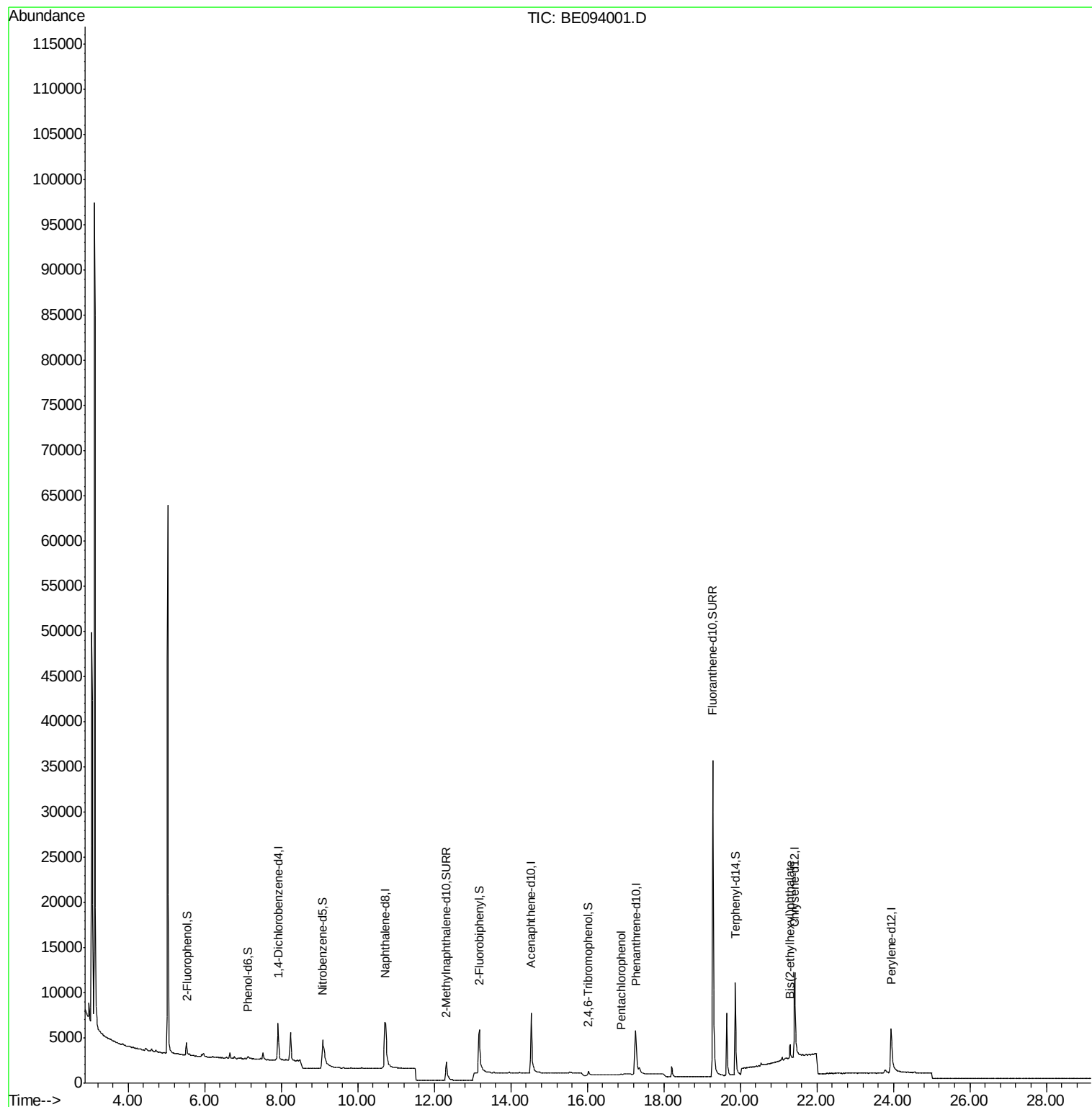
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2358	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	11052	0.40	ng	0.02
13) Acenaphthene-d10	14.52	164	6609	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	14995	0.40	ng	0.00
27) Chrysene-d12	21.43	240	15496	0.40	ng	0.00
34) Perylene-d12	23.94	264	11678	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1048	0.14	ng	0.00
5) Phenol-d6	7.13	99	767	0.07	ng	0.01
8) Nitrobenzene-d5	9.08	82	3163	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	5878	0.33	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	608	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	9263	0.35	ng	0.02
25) Fluoranthene-d10	19.28	212	62441	0.28	ng	0.00
29) Terphenyl-d14	19.87	244	12528	0.44	ng	0.00
Target Compounds						
20) 4-Bromophenyl-phenylether	16.45	248	20	Below Cal	#	39
22) Pentachlorophenol	16.88	266	225	0.095 ng		89
23) Phenanthrene	17.30	178	246	Below Cal	#	56
32) Bis(2-ethylhexyl)phthalate	21.30	149	2607	0.023 ng	#	100

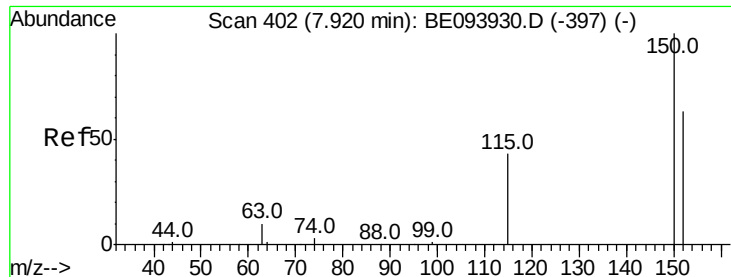
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091417\
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Quant Time: Sep 15 00:50:07 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration



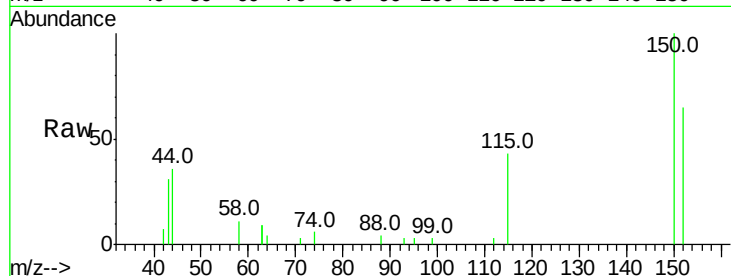


#1

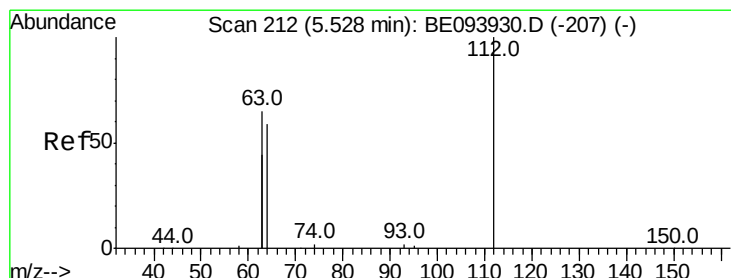
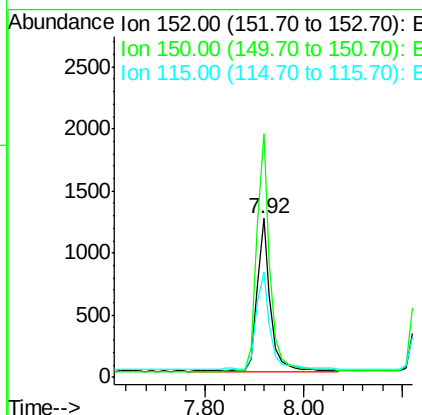
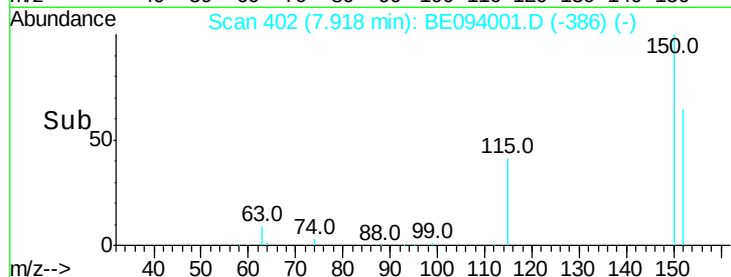
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE094001.D
Acq: 14 Sep 2017 12:15

Instrument :
BNA_E
ClientSampleId :
PR-MW-04-090817

Tot Ion:152 Resp: 2358
Ion Ratio Lower Upper
152 100
150 153.2 121.8 182.6
115 66.5 52.6 79.0



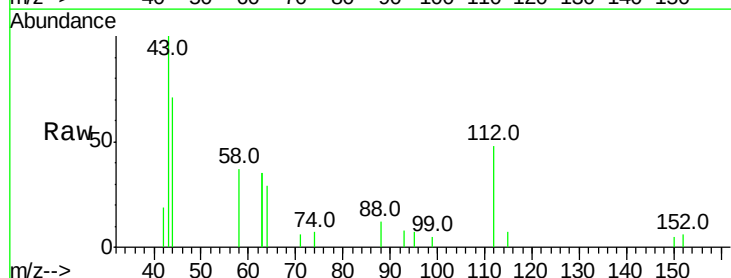
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



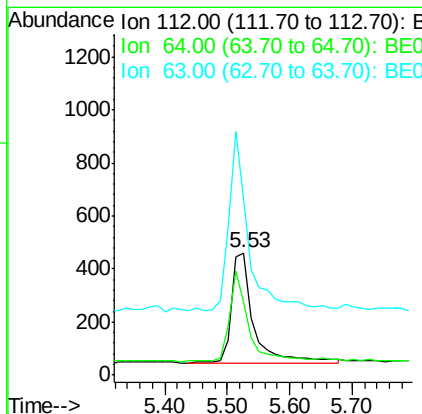
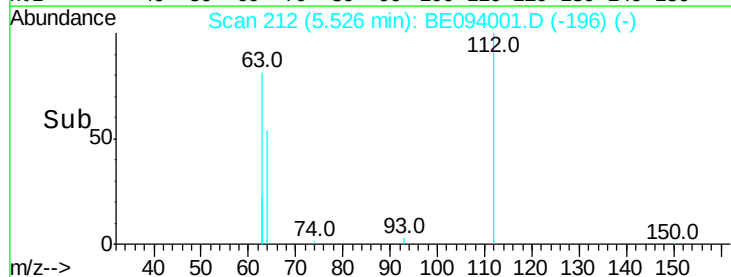
#4

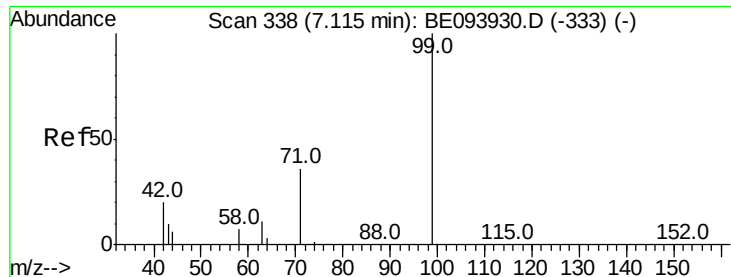
2-Fluorophenol
Concen: 0.137 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE094001.D
Acq: 14 Sep 2017 12:15

Tgt Ion:112 Resp: 1048
Ion Ratio Lower Upper
112 100
64 71.4 57.7 86.5
63 144.2 116.0 174.0



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: 0.067 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE094001.D

Acq: 14 Sep 2017 12:15

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-090817

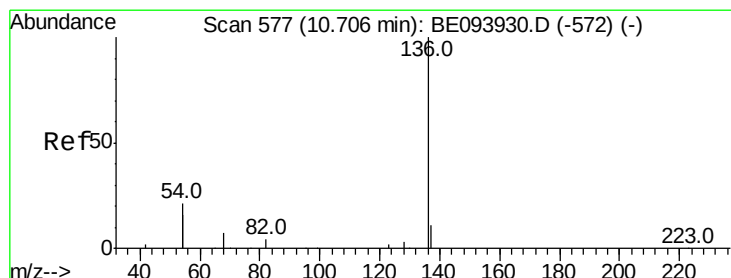
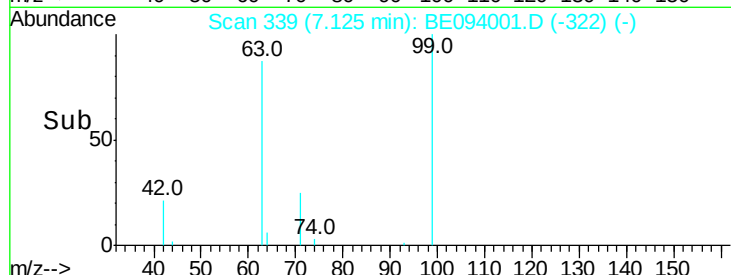
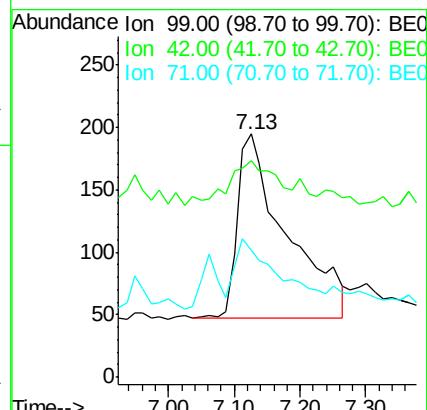
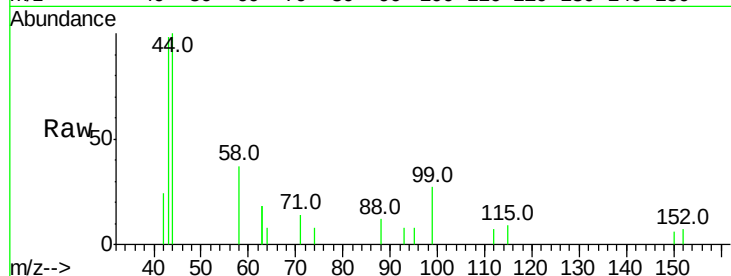
Tot Ion: 99 Resp: 767

Ion Ratio Lower Upper

99 100

42 18.8 17.1 25.7

71 25.4 26.6 39.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE094001.D

Acq: 14 Sep 2017 12:15

Tgt Ion: 136 Resp: 11052

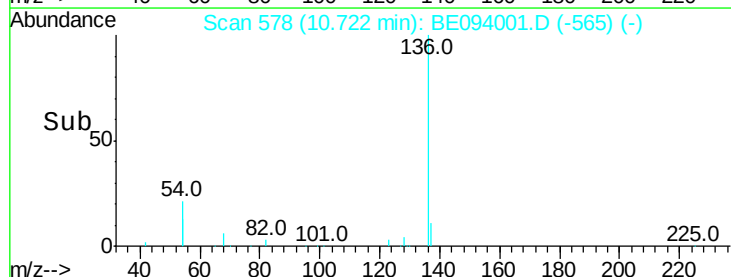
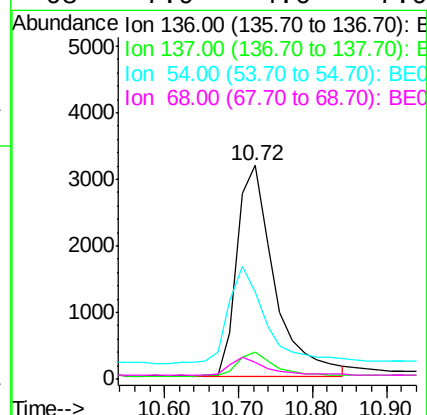
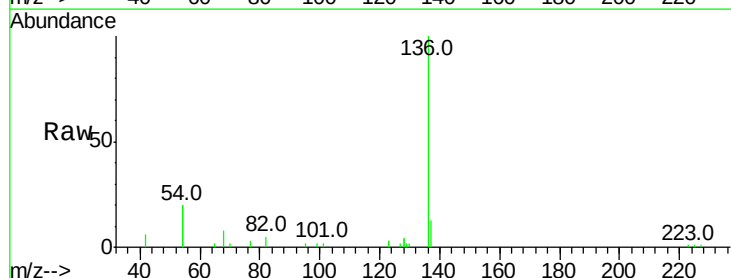
Ion Ratio Lower Upper

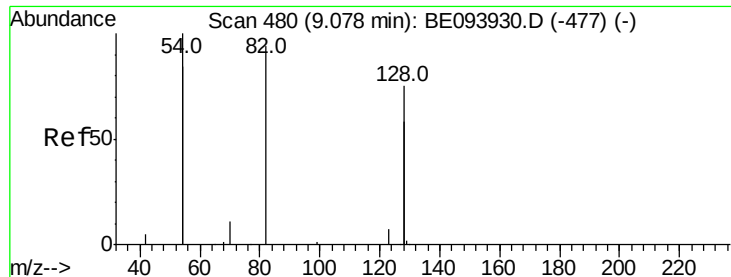
136 100

137 12.5 9.2 13.8

54 40.5 21.9 32.9#

68 7.9 4.6 7.0#

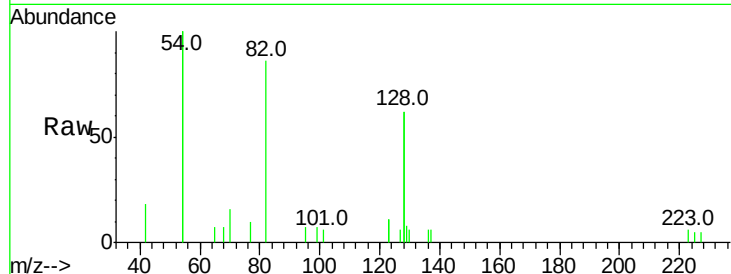




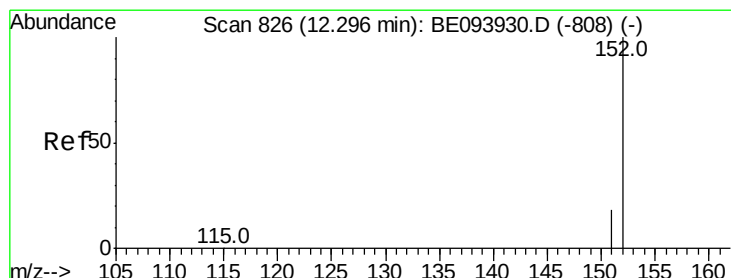
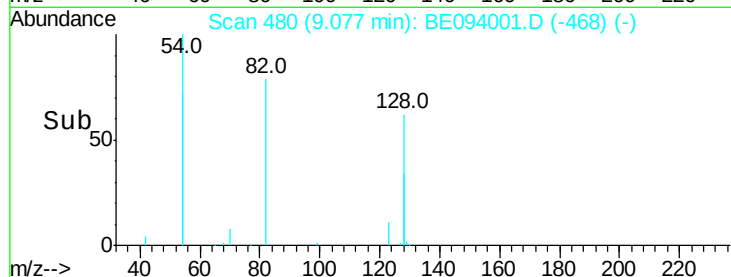
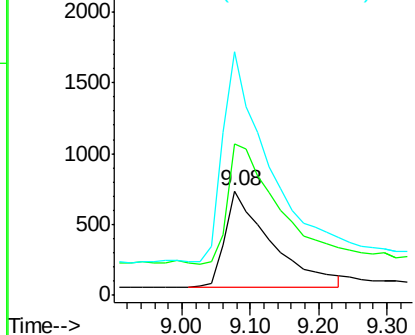
#8
 Nitrobenzene-d5
 Concen: 0.338 ng
 RT: 9.08 min Scan# 480
 Delta R.T. -0.00 min
 Lab File: BE094001.D
 Acq: 14 Sep 2017 12:15

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-04-090817

Tot Ion: 82 Resp: 3163
 Ion Ratio Lower Upper
 82 100
 128 145.3 91.4 137.0#
 54 233.7 197.8 296.8

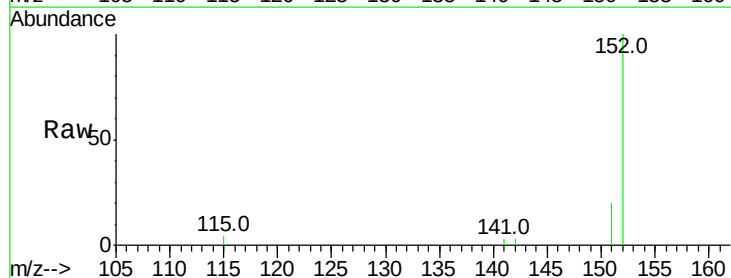


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

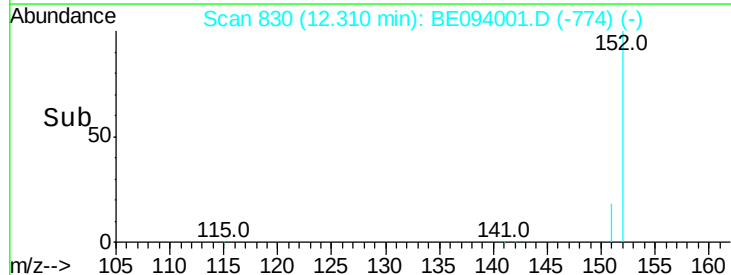
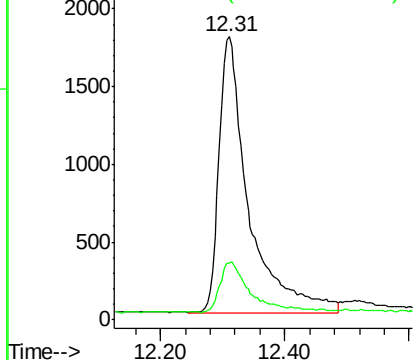


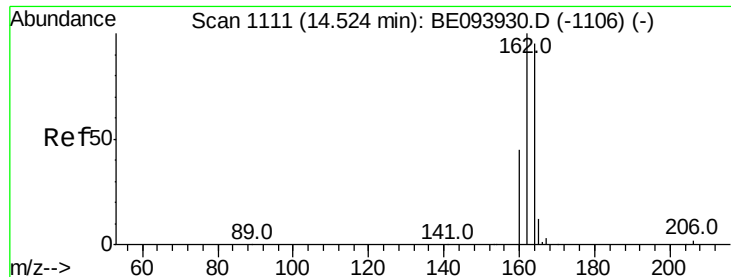
#11
 2-Methylnaphthalene-d10
 Concen: 0.332 ng
 RT: 12.31 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BE094001.D
 Acq: 14 Sep 2017 12:15

Tgt Ion: 152 Resp: 5878
 Ion Ratio Lower Upper
 152 100
 151 18.5 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: 14.52 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE094001.D

Acq: 14 Sep 2017 12:15

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-090817

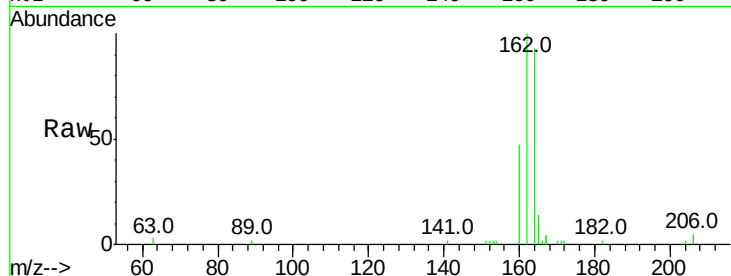
Tot Ion:164 Resp: 6609

Ion Ratio Lower Upper

164 100

162 107.4 80.8 121.2

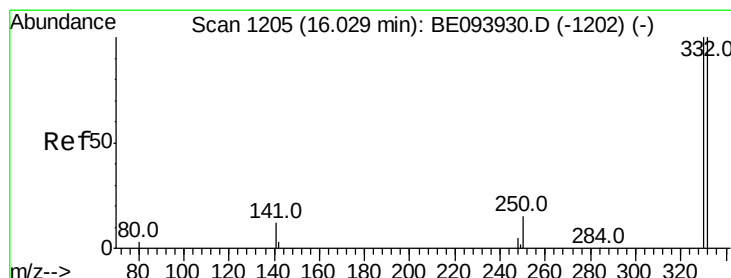
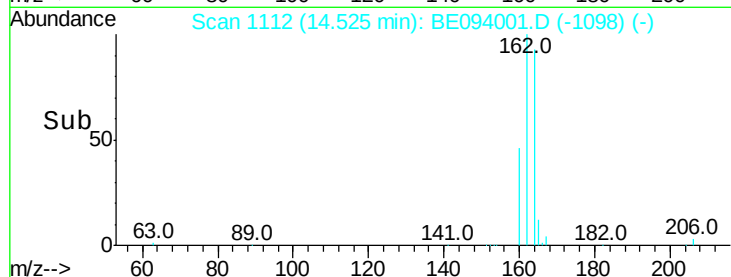
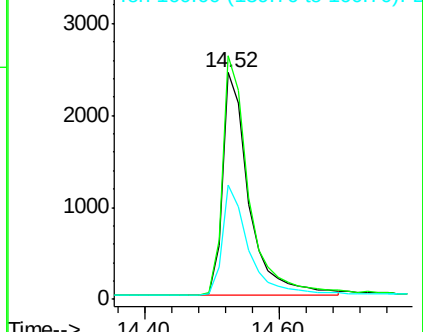
160 50.4 37.0 55.4



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: 0.297 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE094001.D

Acq: 14 Sep 2017 12:15

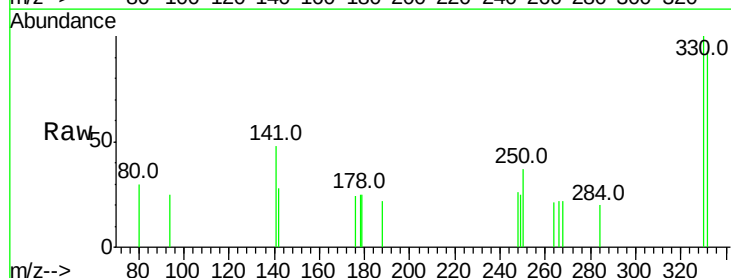
Tgt Ion:330 Resp: 608

Ion Ratio Lower Upper

330 100

332 92.6 76.9 115.3

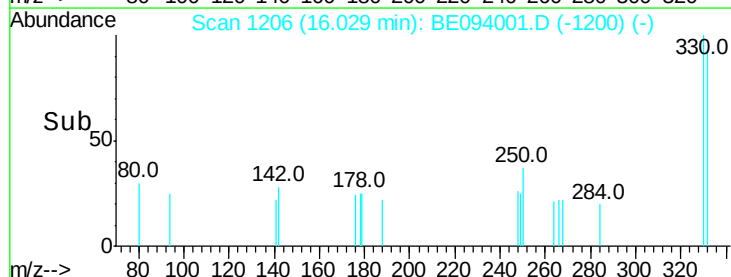
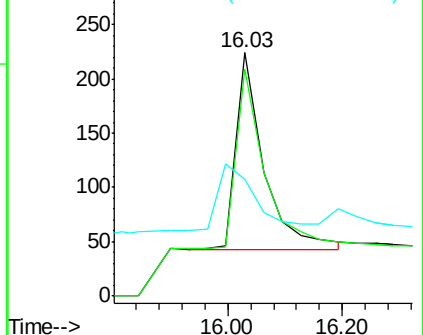
141 0.0 0.0 0.0

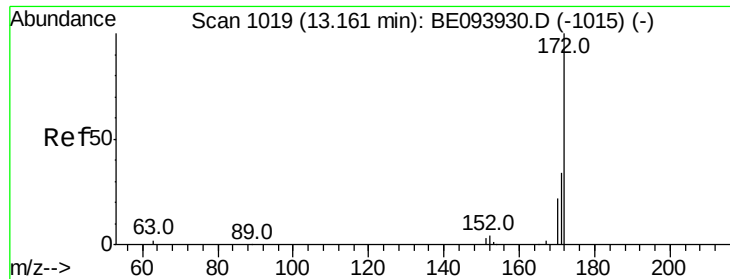


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

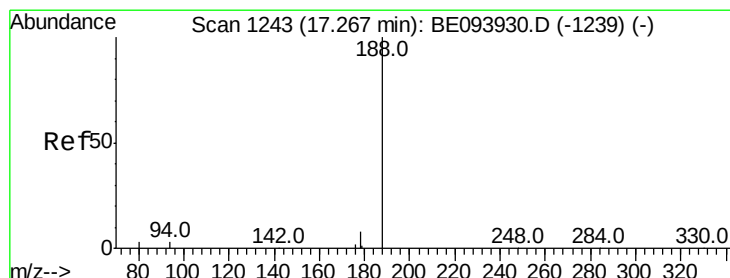
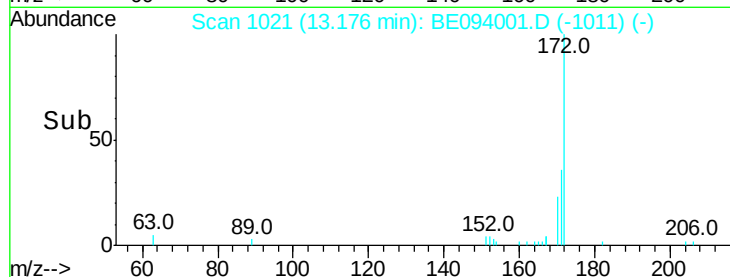
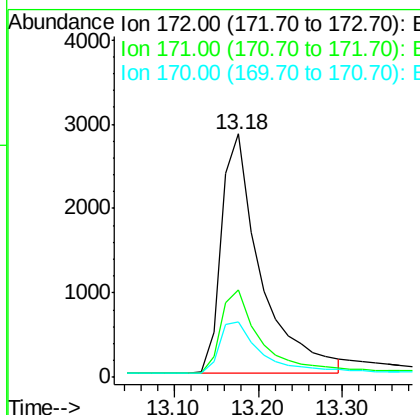
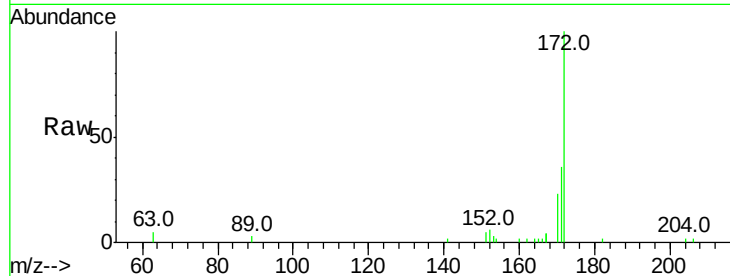




#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BE094001.D
Acq: 14 Sep 2017 12:15

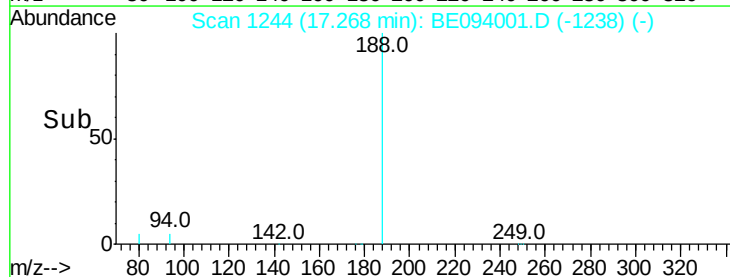
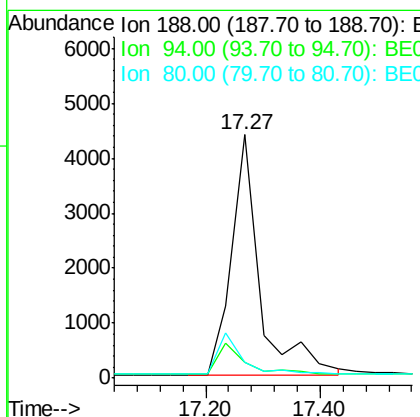
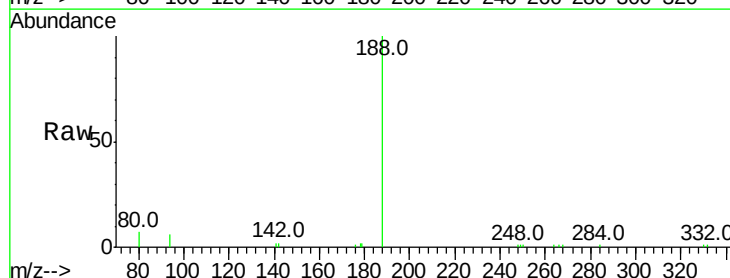
Instrument :
BNA_E
ClientSampleId :
PR-MW-04-090817

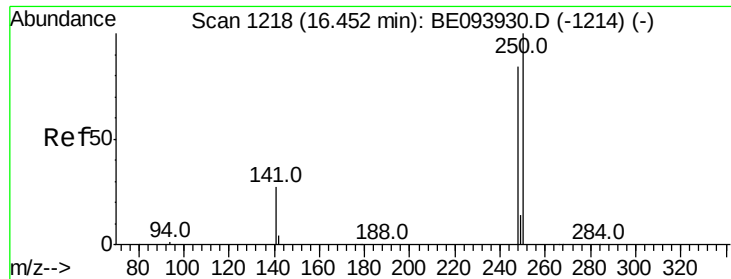
Tot Ion:172 Resp: 9263
Ion Ratio Lower Upper
172 100
171 35.7 26.9 40.3
170 22.9 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094001.D
Acq: 14 Sep 2017 12:15

Tgt Ion:188 Resp: 14995
Ion Ratio Lower Upper
188 100
94 6.3 16.1 24.1#
80 6.5 18.2 27.2#





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE094001.D

Acq: 14 Sep 2017 12:15

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-090817

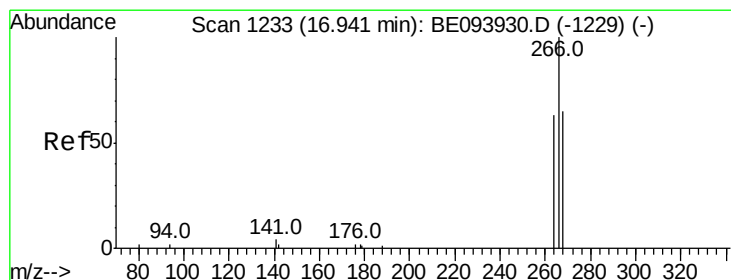
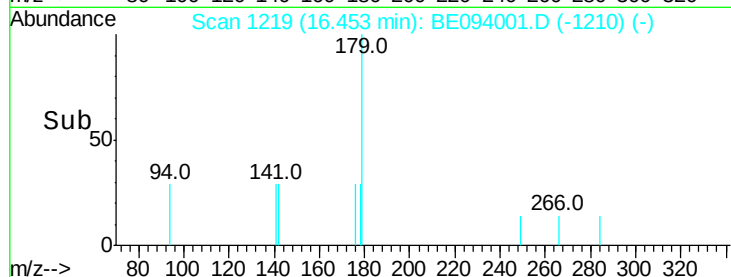
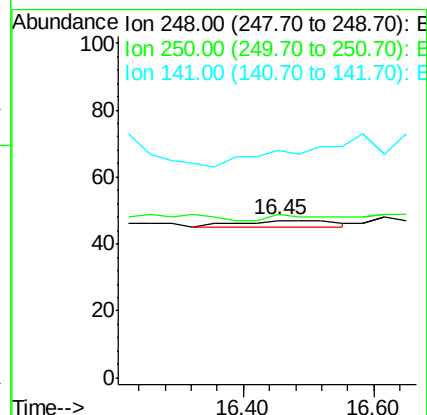
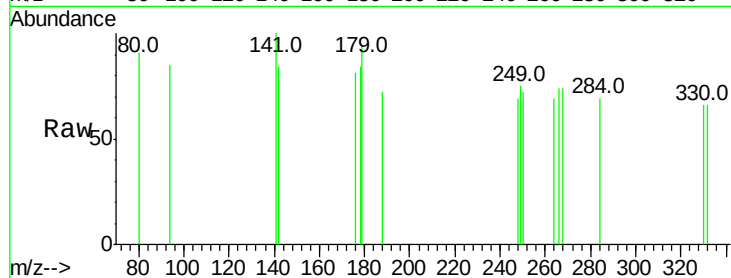
Tot Ion:248 Resp: 20

Ion Ratio Lower Upper

248 100

250 104.3 111.8 167.8#

141 144.7 27.1 40.7#



#22

Pentachlorophenol

Concen: 0.095 ng

RT: 16.88 min Scan# 1232

Delta R.T. -0.06 min

Lab File: BE094001.D

Acq: 14 Sep 2017 12:15

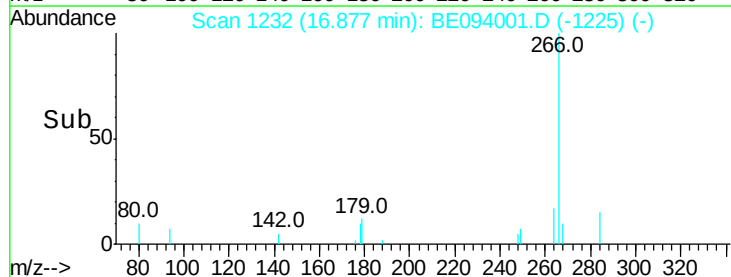
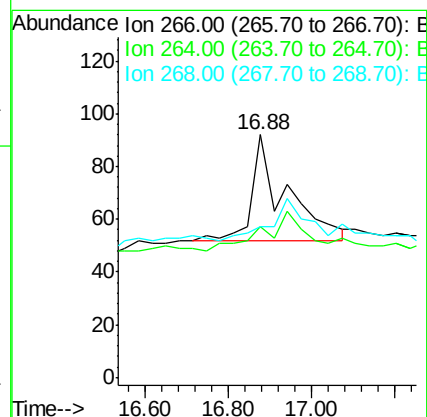
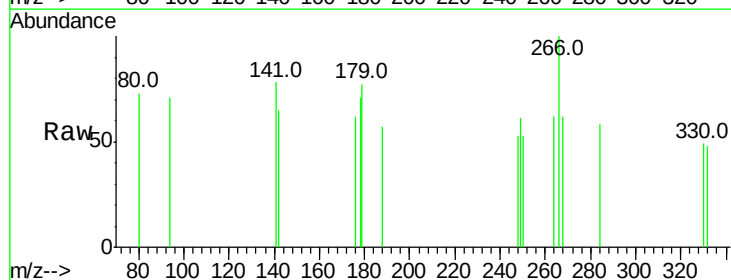
Tgt Ion:266 Resp: 225

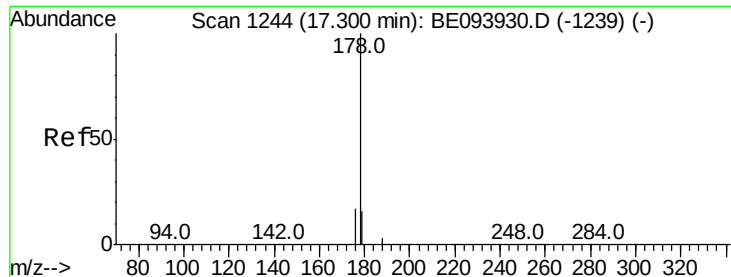
Ion Ratio Lower Upper

266 100

264 62.0 53.5 80.3

268 62.0 60.0 90.0





#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094001.D

Acq: 14 Sep 2017 12:15

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-090817

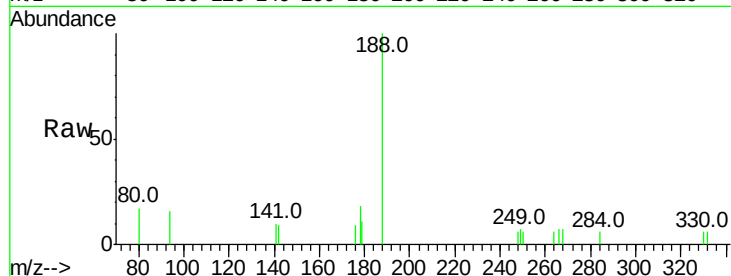
Tot Ion:178 Resp: 246

Ion Ratio Lower Upper

178 100

176 31.7 0.0 0.0#

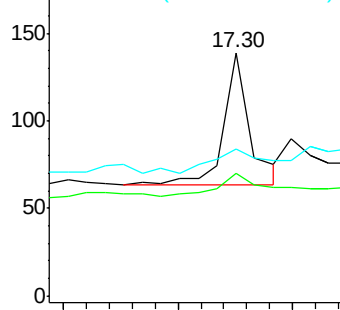
179 34.1 12.6 18.8#



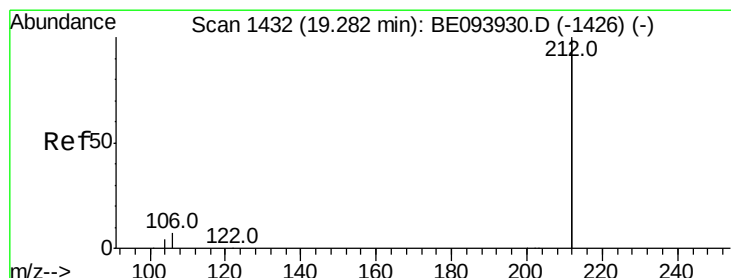
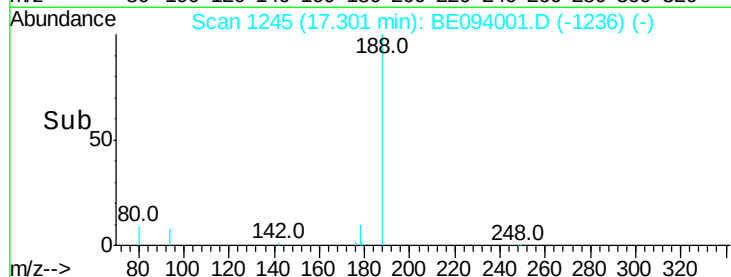
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.279 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE094001.D

Acq: 14 Sep 2017 12:15

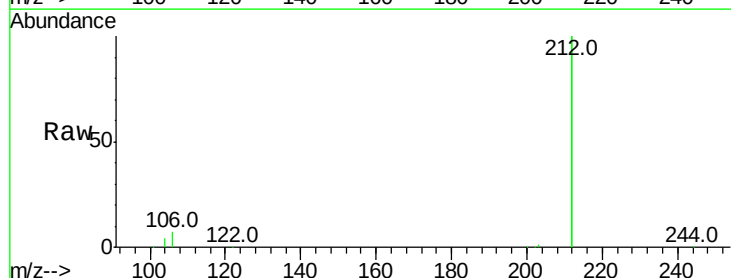
Tgt Ion:212 Resp: 62441

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

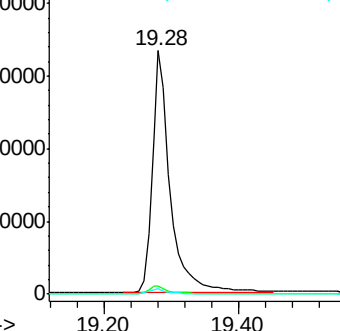
104 2.0 1.6 2.4



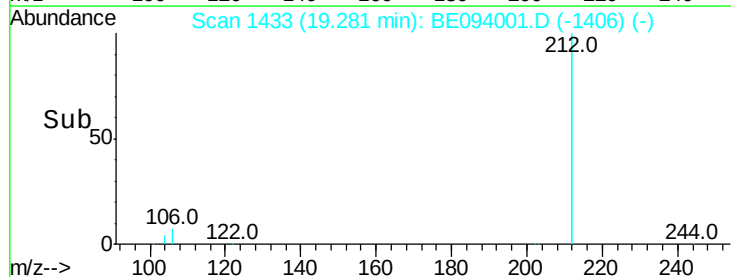
Abundance Ion 212.00 (211.70 to 212.70): E

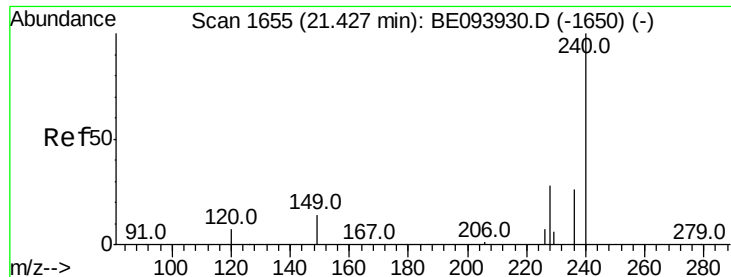
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

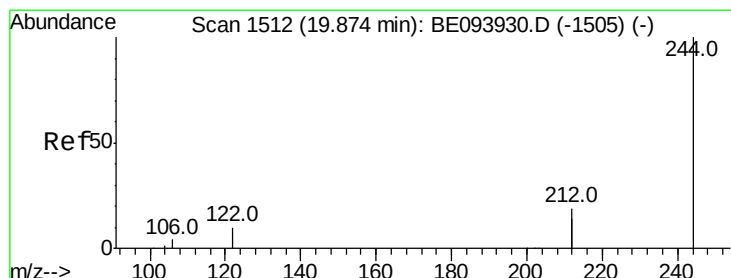
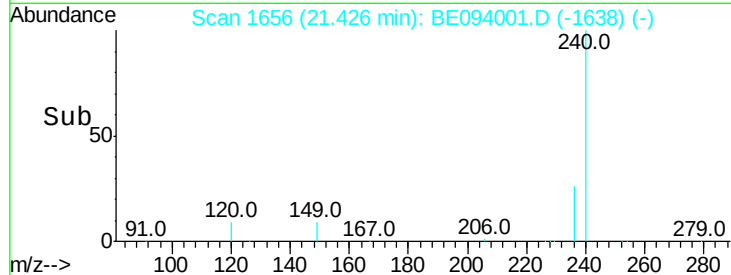
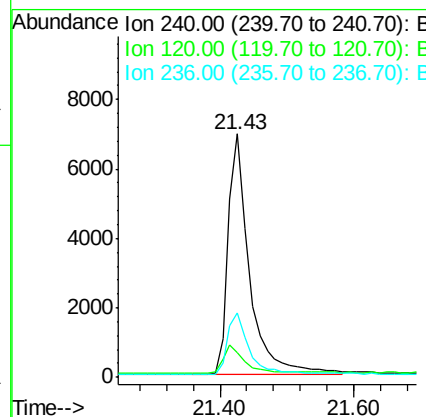
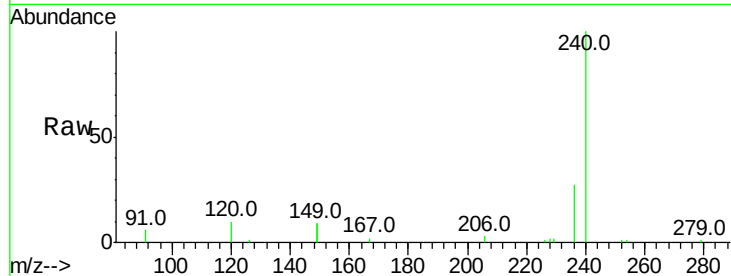




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BE094001.D
 Acq: 14 Sep 2017 12:15

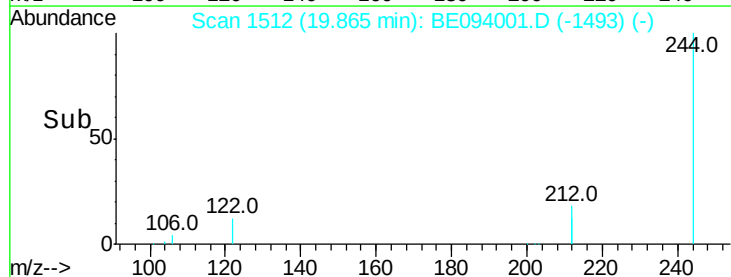
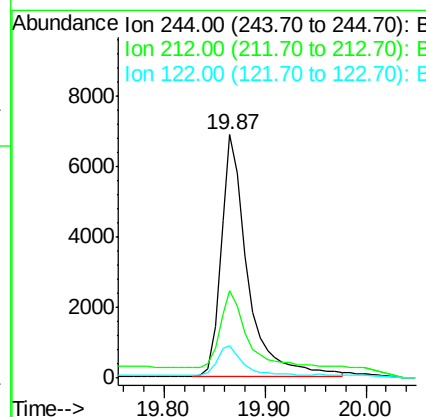
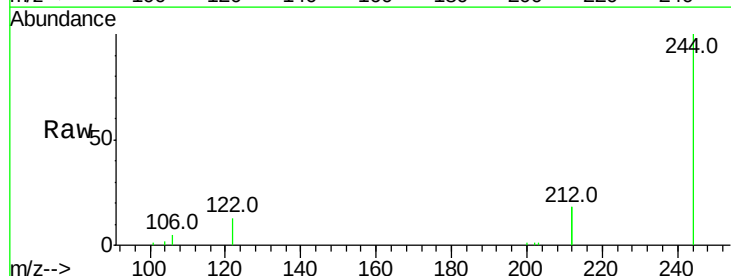
Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-04-090817

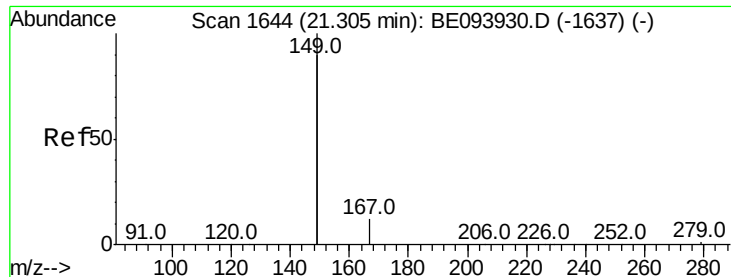
Tot Ion:240 Resp: 15496
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.7 13.1
 236 26.5 21.3 31.9



#29
 Terphenyl-d14
 Concen: 0.439 ng
 RT: 19.87 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BE094001.D
 Acq: 14 Sep 2017 12:15

Tgt Ion:244 Resp: 12528
 Ion Ratio Lower Upper
 244 100
 212 35.8 28.3 42.5
 122 13.2 9.4 14.0





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.023 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE094001.D

Acq: 14 Sep 2017 12:15

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-090817

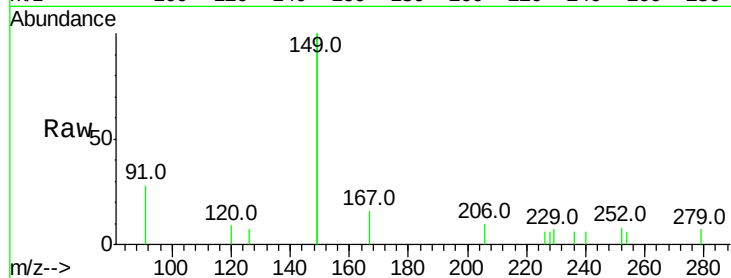
Tot Ion:149 Resp: 2607

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

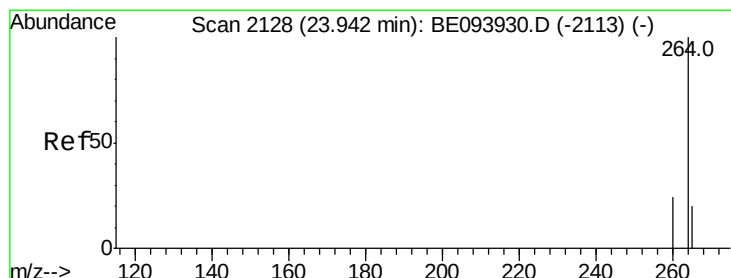
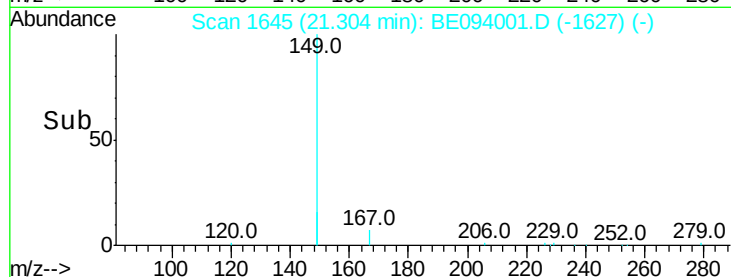
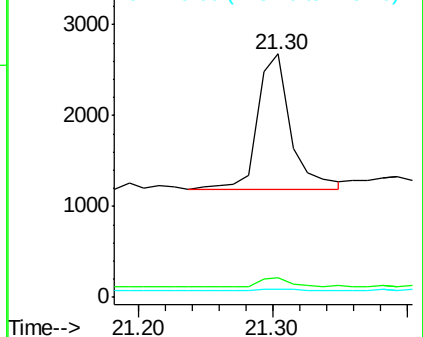
279 1.4 0.7 1.1#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BE094001.D

Acq: 14 Sep 2017 12:15

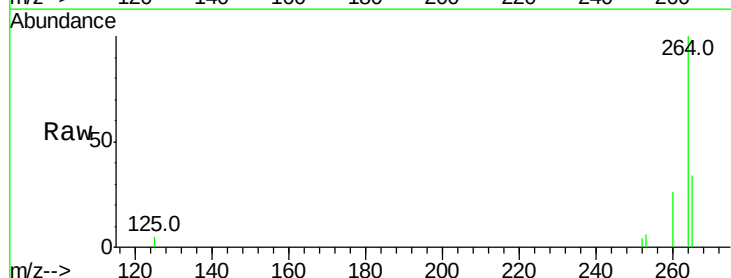
Tgt Ion:264 Resp: 11678

Ion Ratio Lower Upper

264 100

260 26.0 20.0 30.0

265 34.1 24.0 36.0



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

