

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093977.D
 Acq On : 11 Sep 2017 23:57
 Operator : SJ/JU
 Sample : I5165-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 45BR-20170907

Quant Time: Sep 12 07:45:31 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

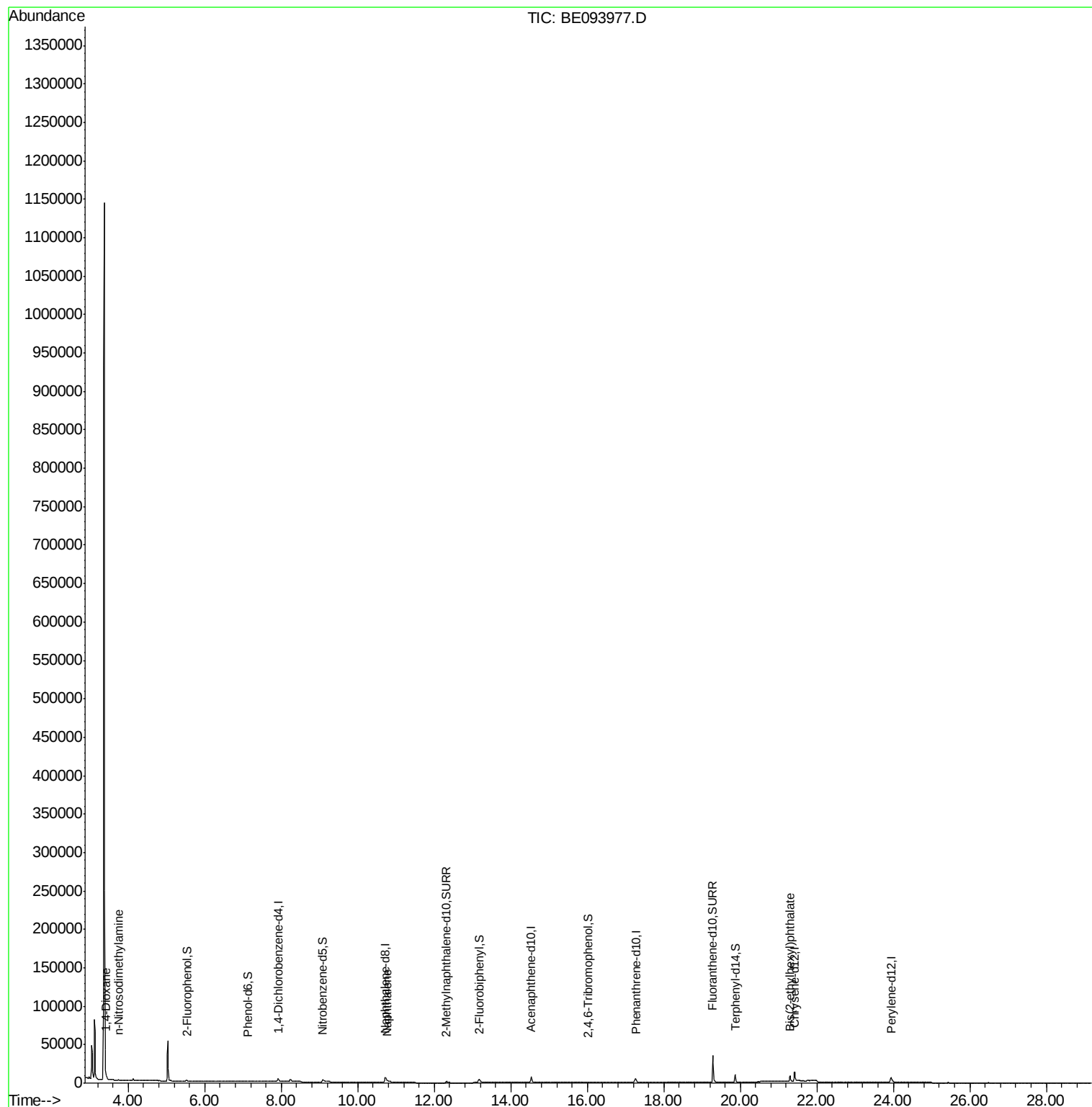
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2279	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	11338	0.40	ng	0.02
13) Acenaphthene-d10	14.52	164	6818	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	14028	0.40	ng	0.00
27) Chrysene-d12	21.43	240	17465	0.40	ng	0.00
34) Perylene-d12	23.94	264	13448	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	841	0.11	ng	0.00
5) Phenol-d6	7.12	99	667	0.06	ng	0.01
8) Nitrobenzene-d5	9.08	82	2751	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	5485	0.30	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	581	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	7601	0.28	ng	0.02
25) Fluoranthene-d10	19.28	212	60161	0.29	ng	0.00
29) Terphenyl-d14	19.87	244	12040	0.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.42	88	293	0.093	ng	# 40
3) n-Nitrosodimethylamine	3.74	42	332	0.090	ng	# 3
9) Naphthalene	10.77	128	2750	0.021	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	18	Below Cal	#	39
23) Phenanthrene	17.30	178	446	Below Cal	#	74
32) Bis(2-ethylhexyl)phthalate	21.30	149	9252	0.071	ng	# 100

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

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
Data File : BE093977.D
Acq On : 11 Sep 2017 23:57
Operator : SJ/JU
Sample : I5165-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
45BR-20170907

Quant Time: Sep 12 07:45:31 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



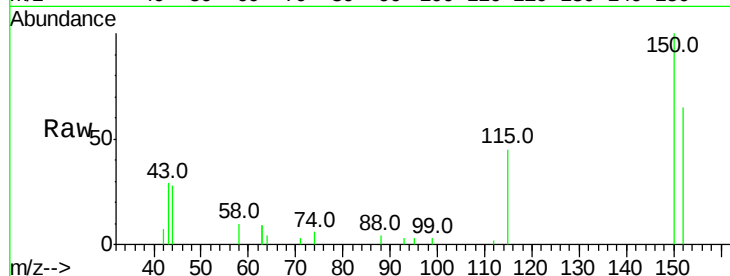


#1

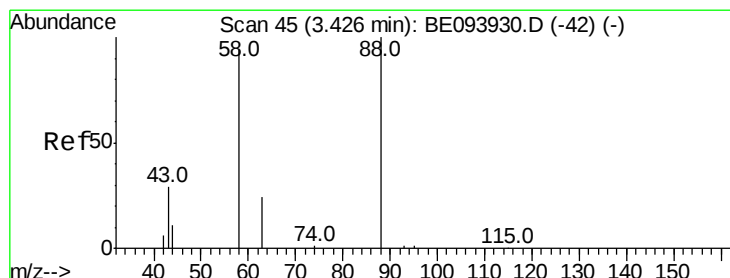
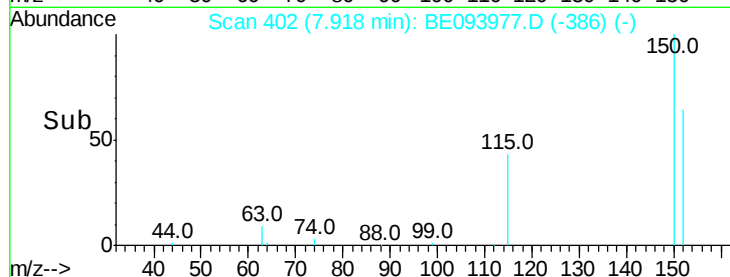
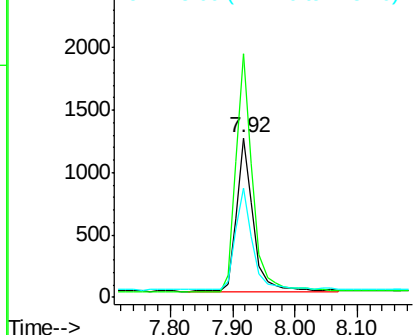
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093977.D
Acq: 11 Sep 2017 23:57

Instrument :
BNA_E
ClientSampleId :
45BR-20170907

Tot Ion:152 Resp: 2279
Ion Ratio Lower Upper
152 100
150 152.9 121.8 182.6
115 68.7 52.6 79.0



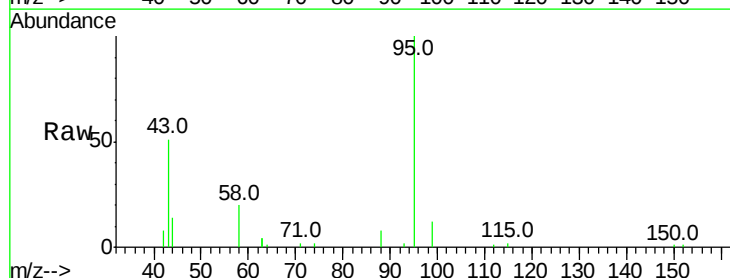
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



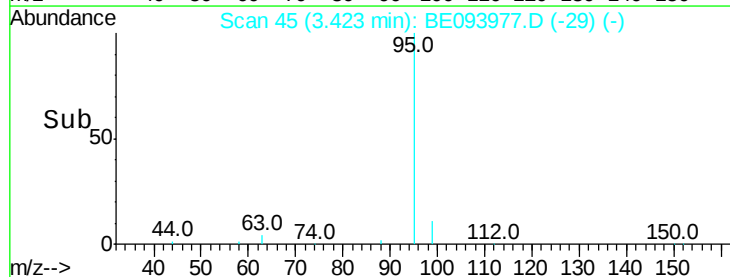
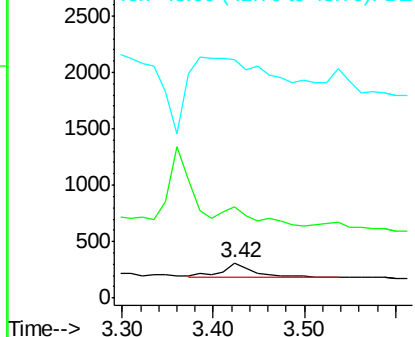
#2

1,4-Dioxane
Concen: 0.093 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE093977.D
Acq: 11 Sep 2017 23:57

Tgt Ion: 88 Resp: 293
Ion Ratio Lower Upper
88 100
58 137.2 65.4 98.0#
43 0.0 23.9 35.9#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.090 ng

RT: 3.74 min Scan# 70

Delta R.T. -0.02 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

Instrument :

BNA_E

ClientSampleId :

45BR-20170907

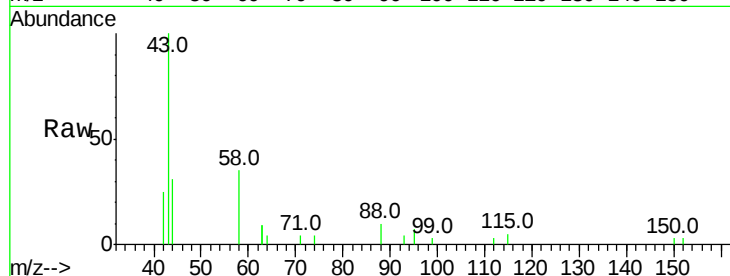
Tot Ion: 42 Resp: 332

Ion Ratio Lower Upper

42 100

74 7.8 104.0 156.0#

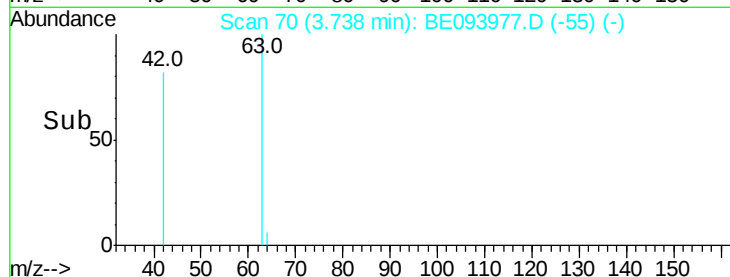
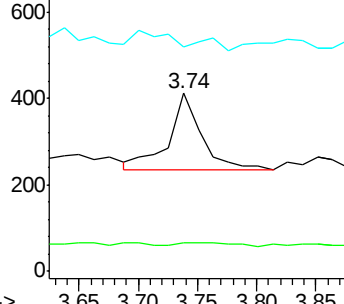
44 0.0 13.8 20.8#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.114 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

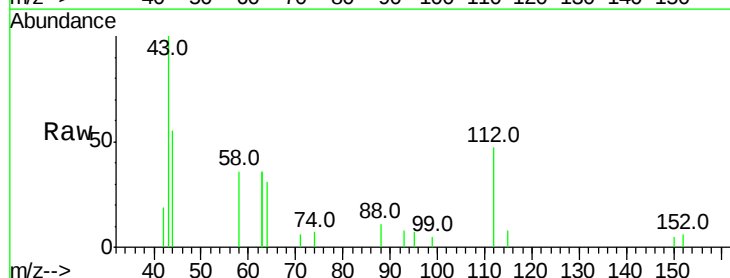
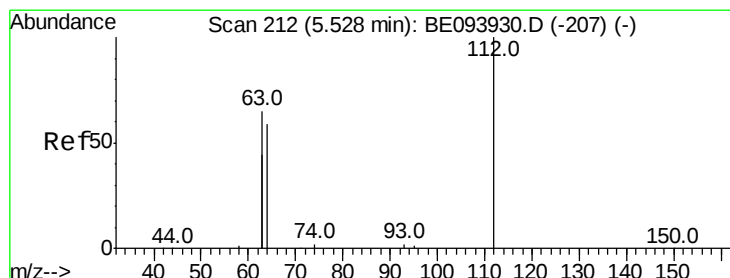
Tgt Ion: 112 Resp: 841

Ion Ratio Lower Upper

112 100

64 79.5 57.7 86.5

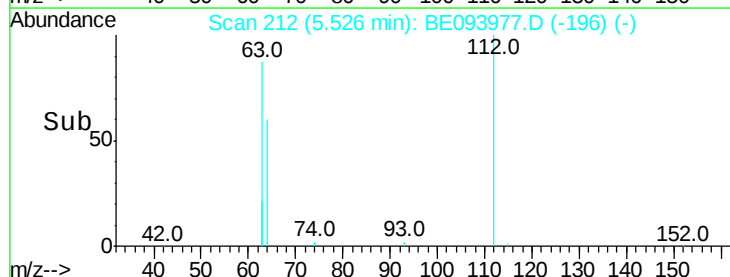
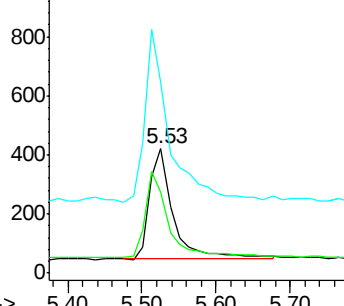
63 163.3 116.0 174.0

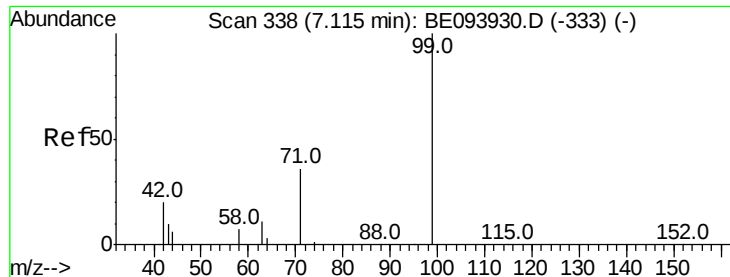


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.060 ng

RT: 7.12 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

Instrument :

BNA_E

ClientSampleId :

45BR-20170907

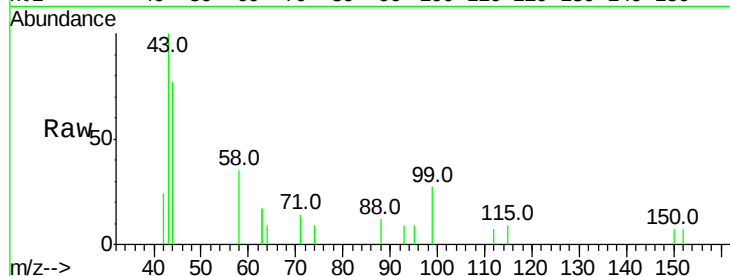
Tot Ion: 99 Resp: 667

Ion Ratio Lower Upper

99 100

42 22.0 17.1 25.7

71 42.4 26.6 39.8#



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

7.12

250

200

150

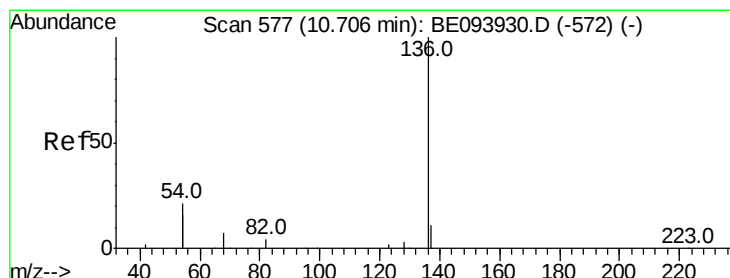
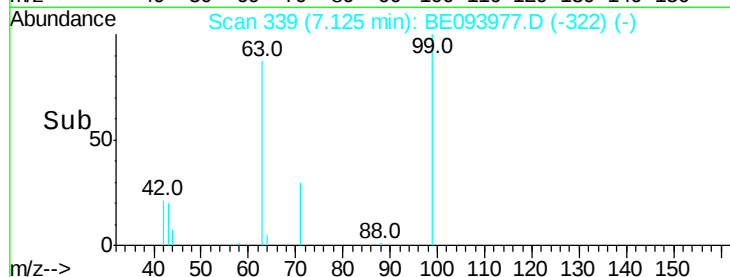
100

50

0

7.00 7.10 7.20 7.30

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

Tgt Ion: 136 Resp: 11338

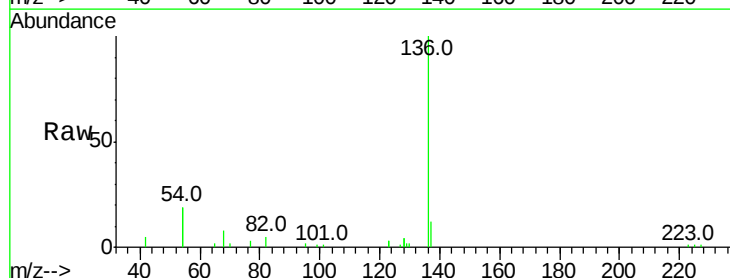
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 38.1 21.9 32.9#

68 7.6 4.6 7.0#



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

5000

4000

3000

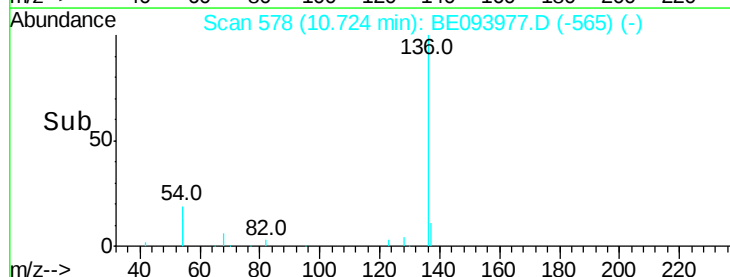
2000

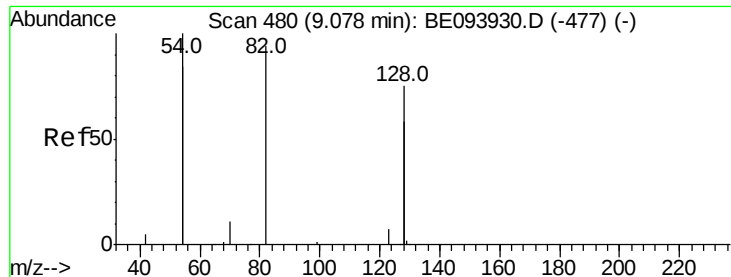
1000

0

10.60 10.70 10.80 10.90

Time-->

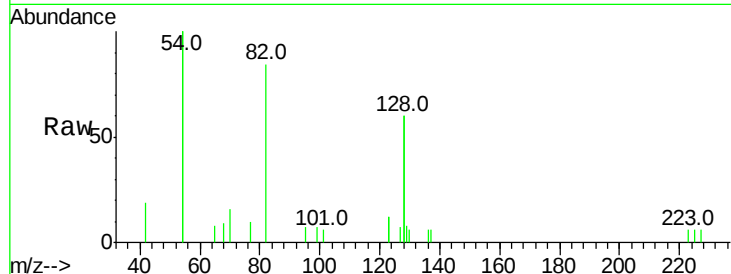




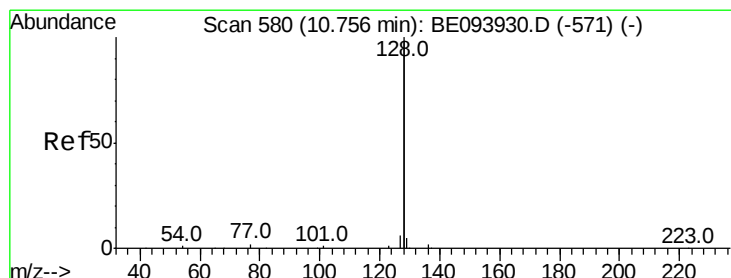
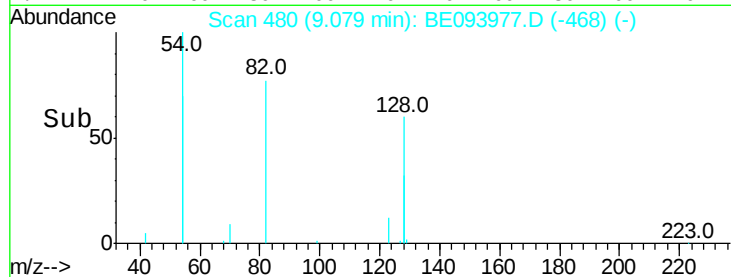
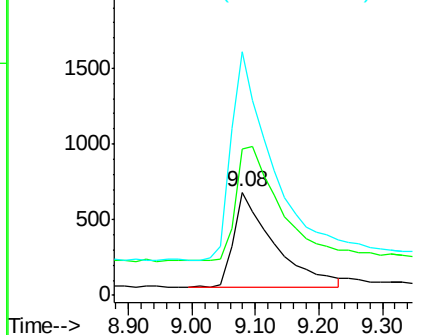
#8
 Nitrobenzene-d5
 Concen: 0.287 ng
 RT: 9.08 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: BE093977.D
 Acq: 11 Sep 2017 23:57

Instrument :
 BNA_E
 ClientSampleId :
 45BR-20170907

Tot Ion: 82 Resp: 2751
 Ion Ratio Lower Upper
 82 100
 128 142.9 91.4 137.0#
 54 236.8 197.8 296.8

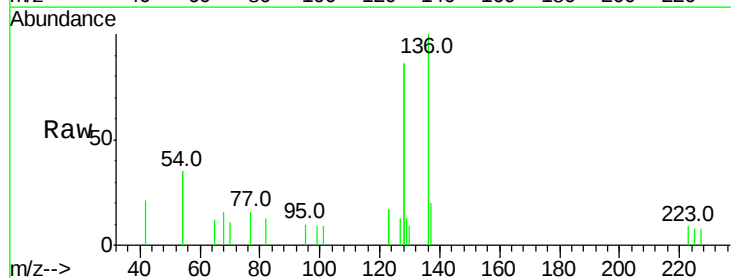


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

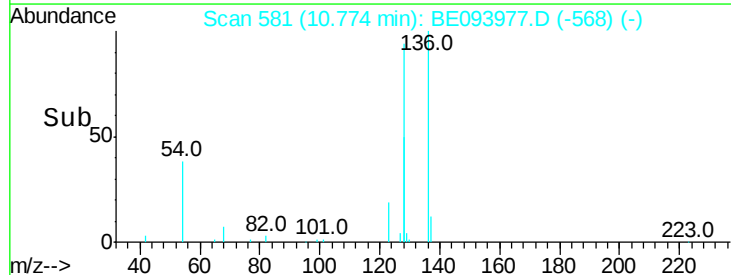
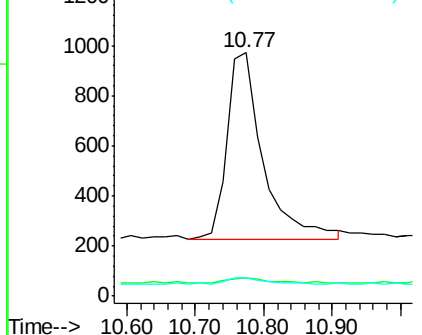


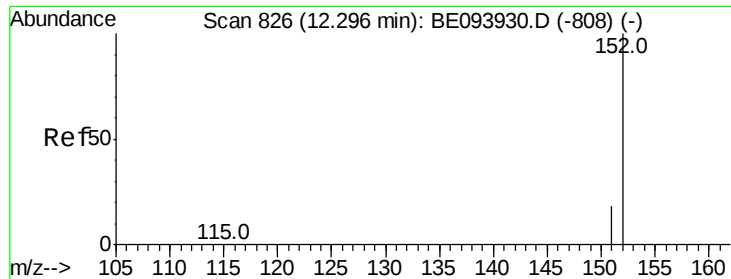
#9
 Naphthalene
 Concen: 0.021 ng
 RT: 10.77 min Scan# 581
 Delta R.T. 0.02 min
 Lab File: BE093977.D
 Acq: 11 Sep 2017 23:57

Tgt Ion: 128 Resp: 2750
 Ion Ratio Lower Upper
 128 100
 129 7.4 2.5 3.7#
 127 7.4 2.6 4.0#



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

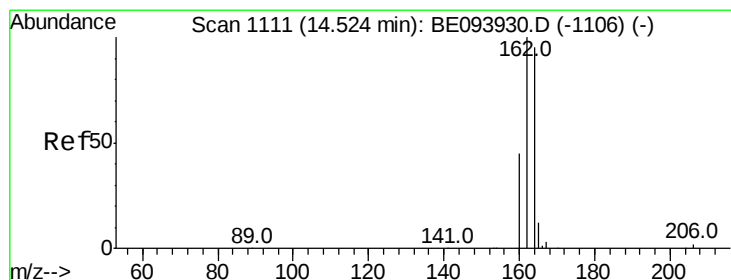
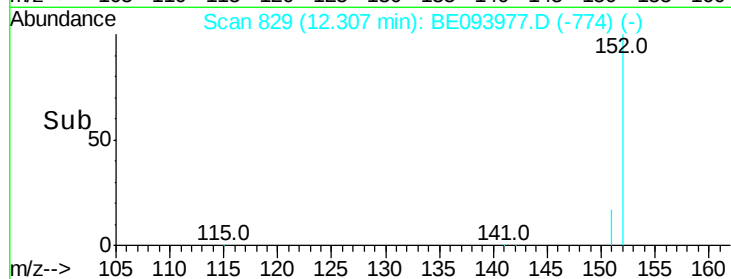
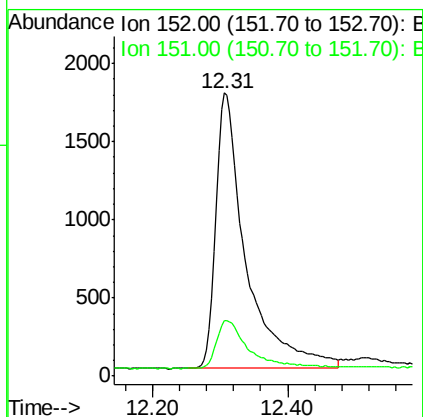
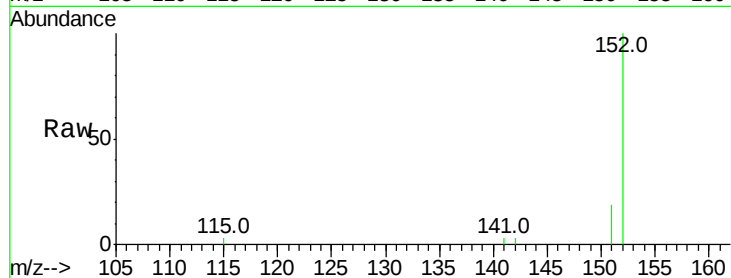




#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.31 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE093977.D
Acq: 11 Sep 2017 23:57

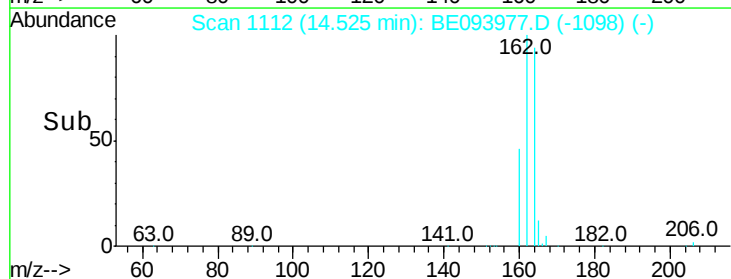
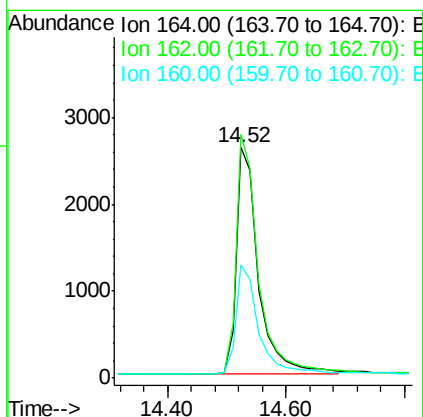
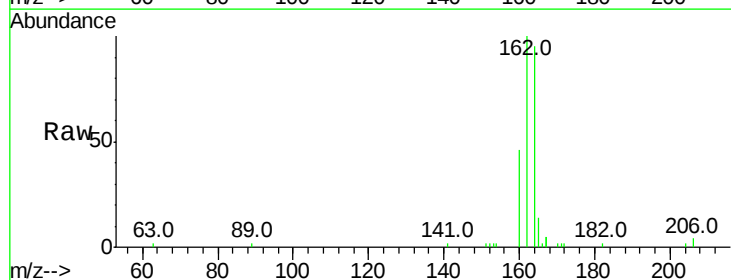
Instrument :
BNA_E
ClientSampleId :
45BR-20170907

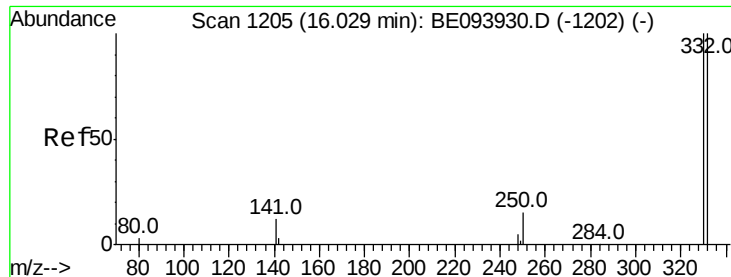
Tot Ion:152 Resp: 5485
Ion Ratio Lower Upper
152 100
151 18.5 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093977.D
Acq: 11 Sep 2017 23:57

Tgt Ion:164 Resp: 6818
Ion Ratio Lower Upper
164 100
162 105.7 80.8 121.2
160 49.1 37.0 55.4

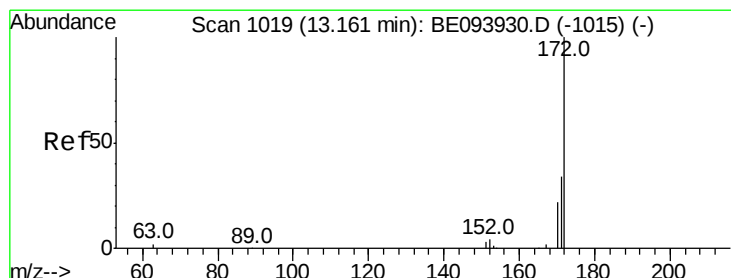
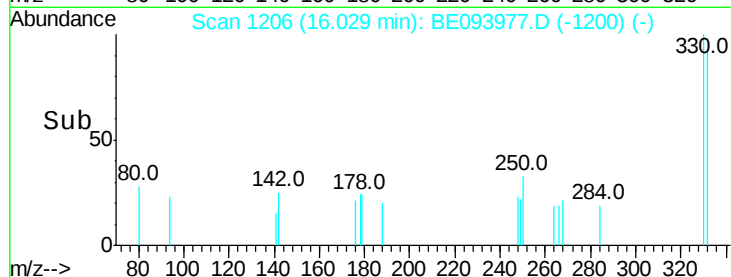
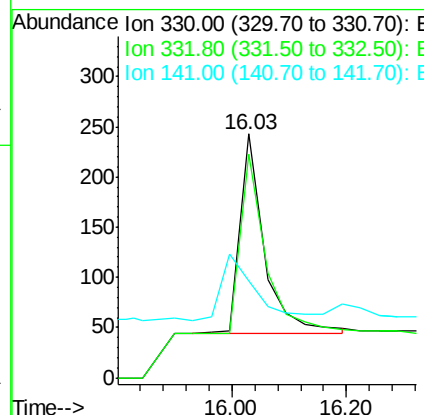
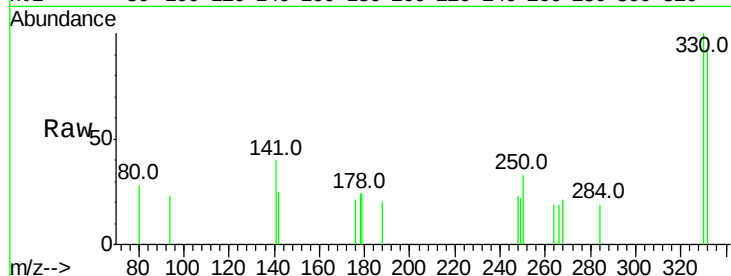




#14
 2,4,6-Tribromophenol
 Concen: 0.275 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093977.D
 Acq: 11 Sep 2017 23:57

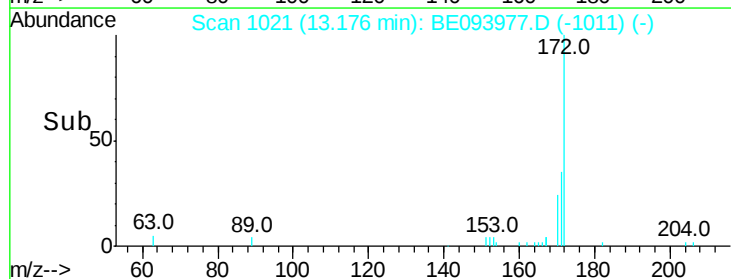
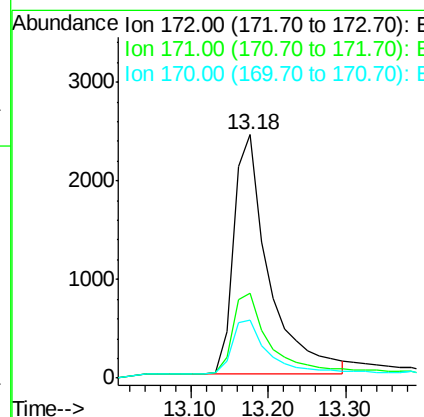
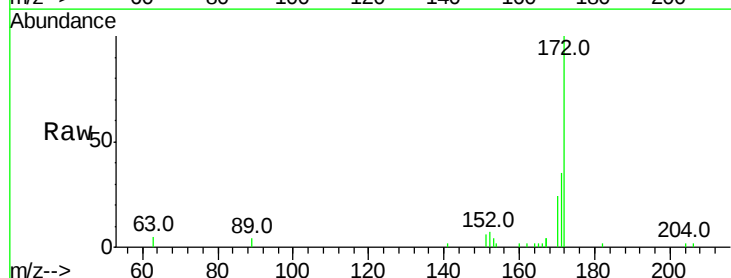
Instrument :
 BNA_E
 ClientSampleId :
 45BR-20170907

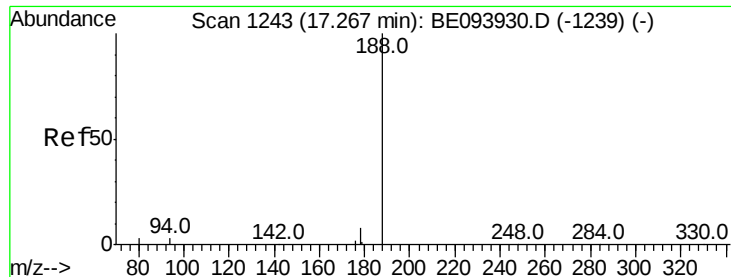
Tot Ion:330 Resp: 581
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.9 115.3
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 0.282 ng
 RT: 13.18 min Scan# 1021
 Delta R.T. 0.02 min
 Lab File: BE093977.D
 Acq: 11 Sep 2017 23:57

Tgt Ion:172 Resp: 7601
 Ion Ratio Lower Upper
 172 100
 171 34.8 26.9 40.3
 170 23.6 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: BE093977.D

Acq: 11 Sep 2017 23:57

Instrument :

BNA_E

ClientSampleId :

45BR-20170907

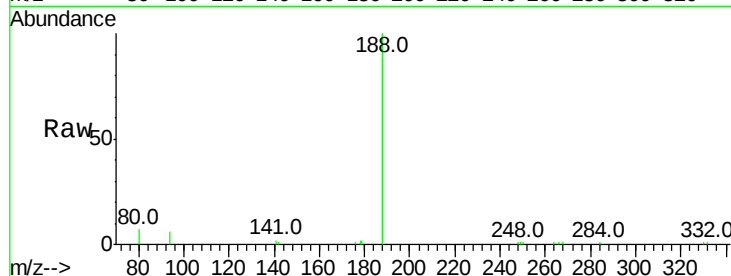
Tot Ion:188 Resp: 14028

Ion Ratio Lower Upper

188 100

94 6.2 16.1 24.1#

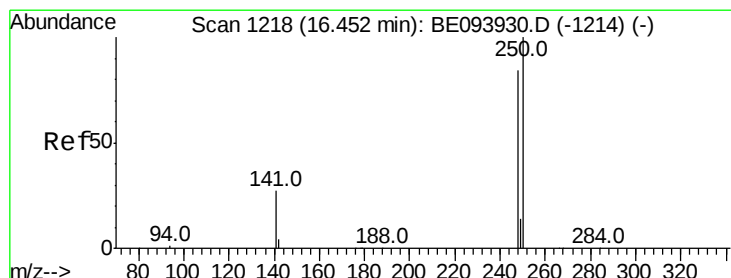
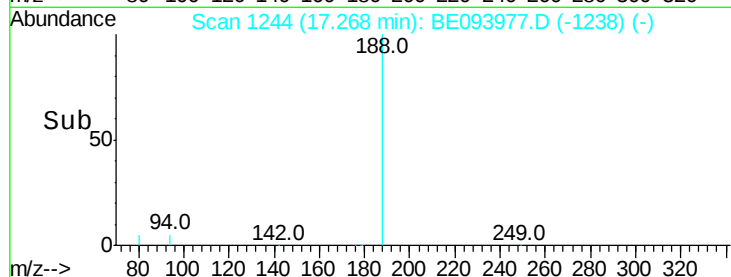
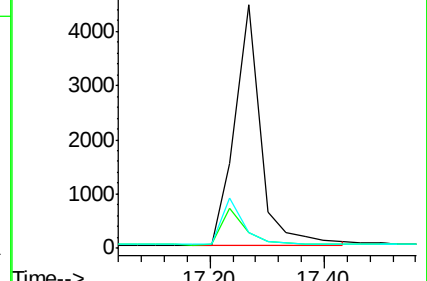
80 6.5 18.2 27.2#



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



#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

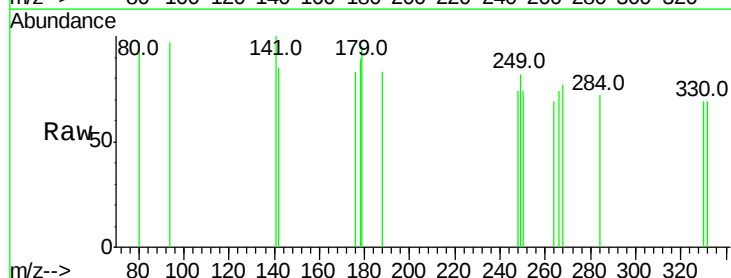
Tgt Ion:248 Resp: 18

Ion Ratio Lower Upper

248 100

250 100.0 111.8 167.8#

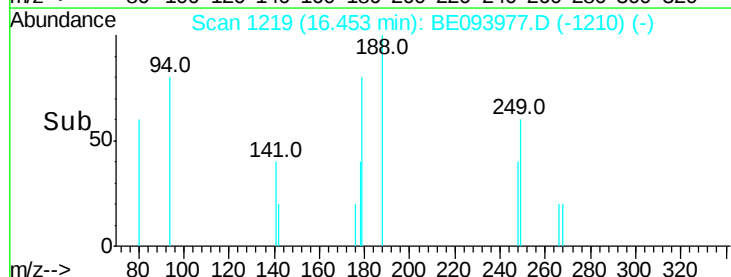
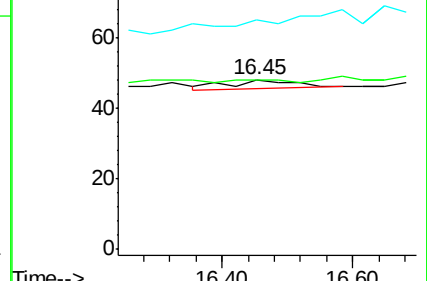
141 135.4 27.1 40.7#

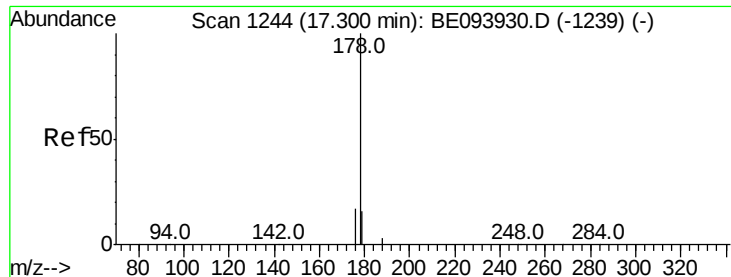


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

Instrument :

BNA_E

ClientSampleId :

45BR-20170907

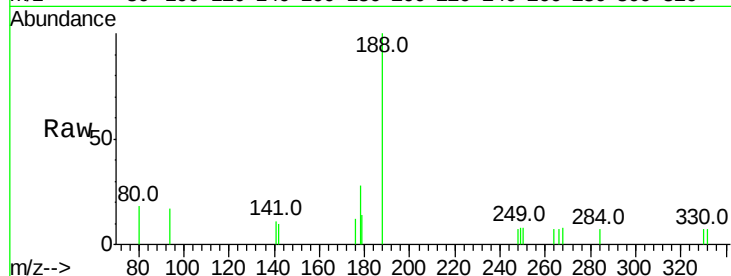
Tot Ion:178 Resp: 446

Ion Ratio Lower Upper

178 100

176 22.9 0.0 0.0#

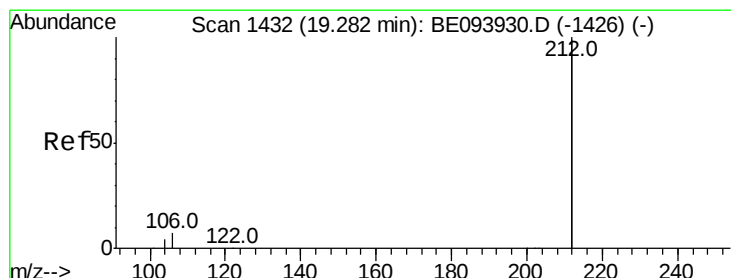
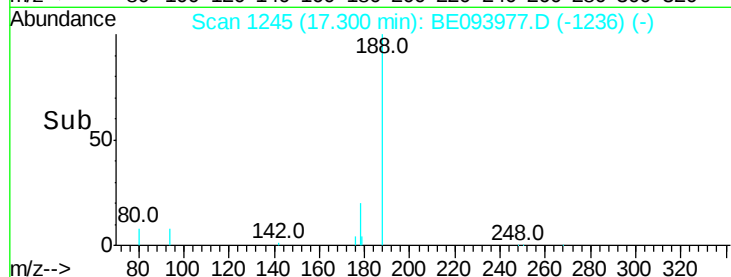
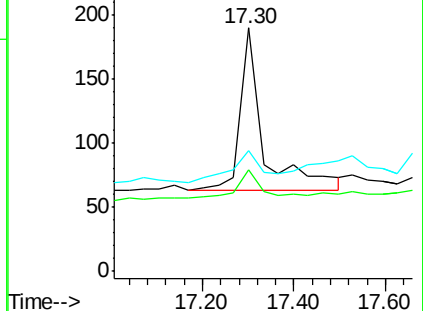
179 26.7 12.6 18.8#



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



#25

Fluoranthene-d10

Concen: 0.288 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

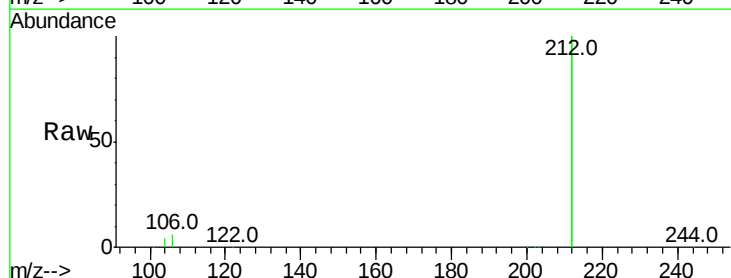
Tgt Ion:212 Resp: 60161

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

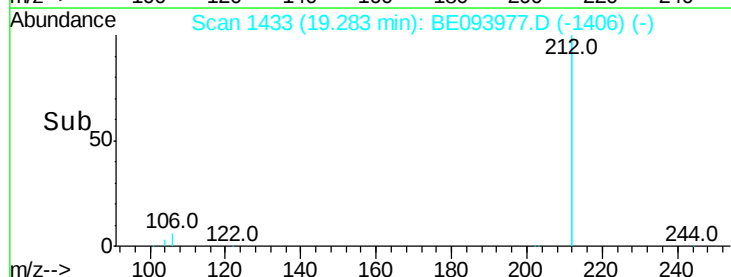
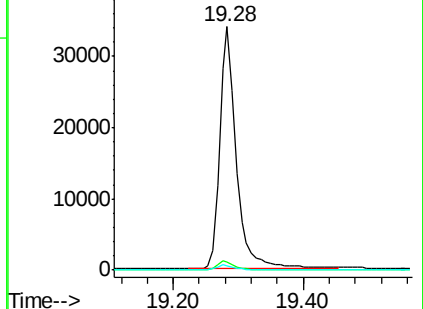
104 2.0 1.6 2.4

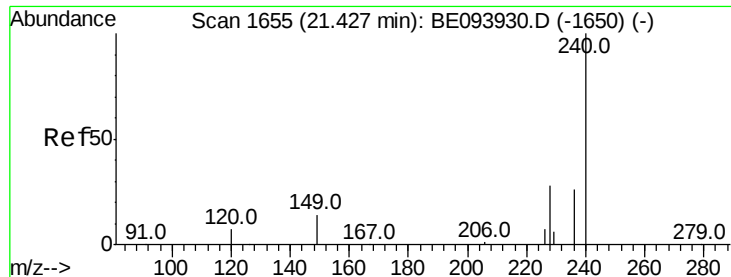


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

Instrument :

BNA_E

ClientSampleId :

45BR-20170907

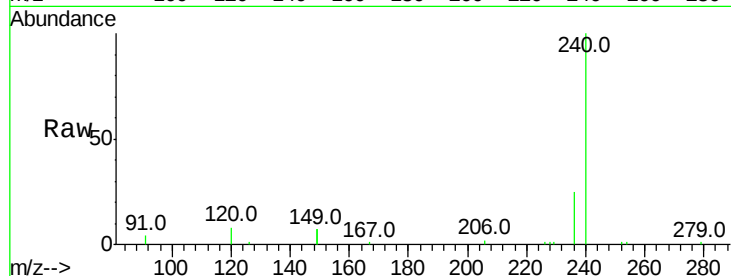
Tot Ion:240 Resp: 17465

Ion Ratio Lower Upper

240 100

120 8.3 8.7 13.1#

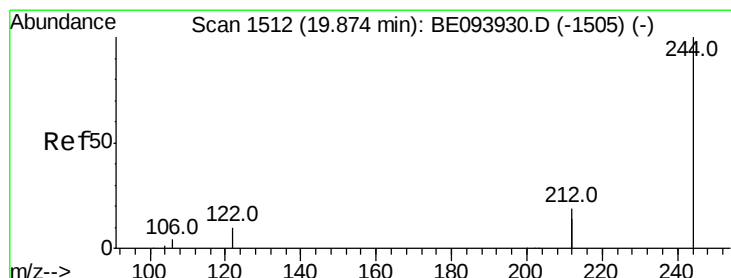
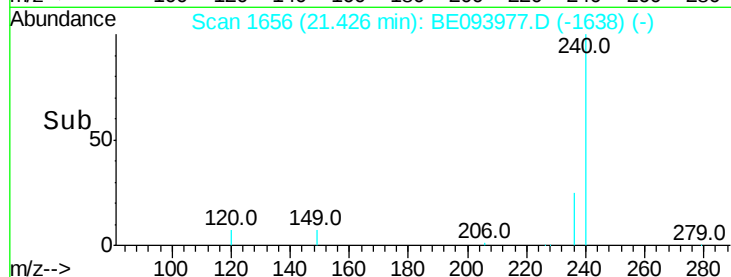
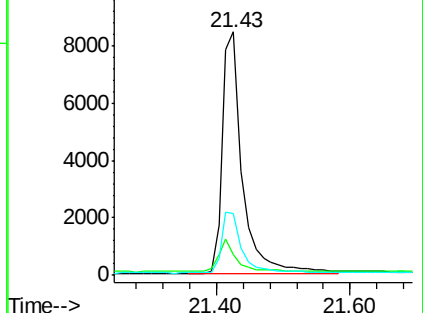
236 25.4 21.3 31.9



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: 0.375 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

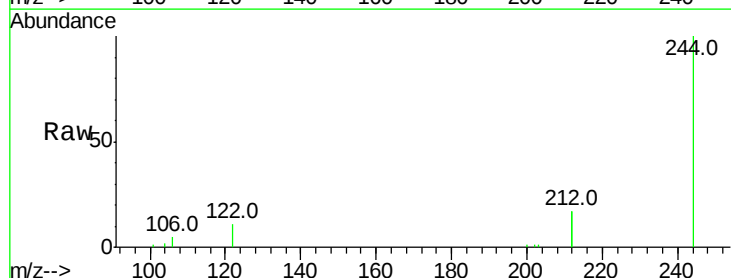
Tgt Ion:244 Resp: 12040

Ion Ratio Lower Upper

244 100

212 34.1 28.3 42.5

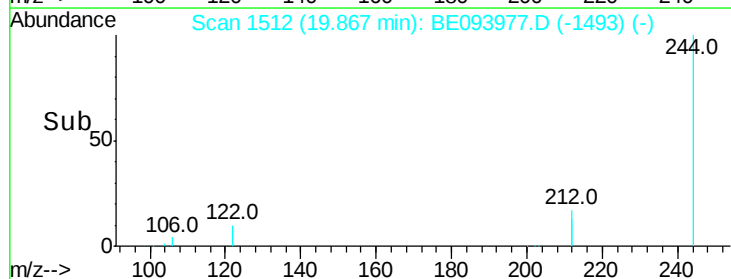
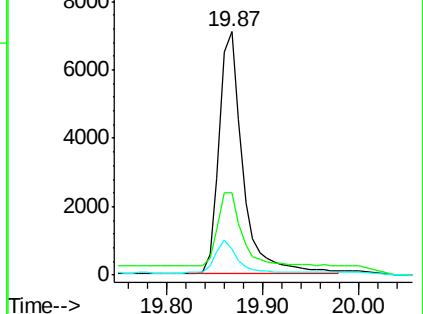
122 10.7 9.4 14.0

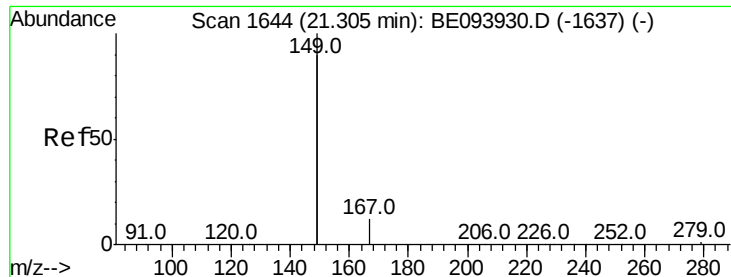


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.071 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

Instrument :

BNA_E

ClientSampleId :

45BR-20170907

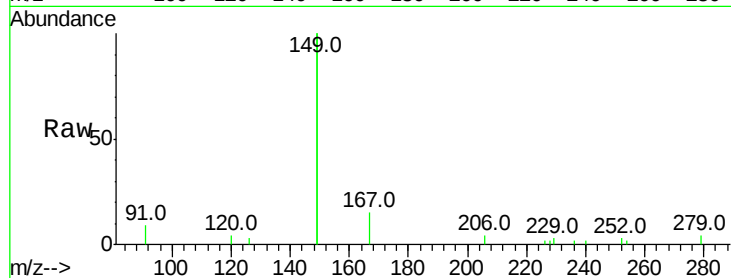
Tot Ion:149 Resp: 9252

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

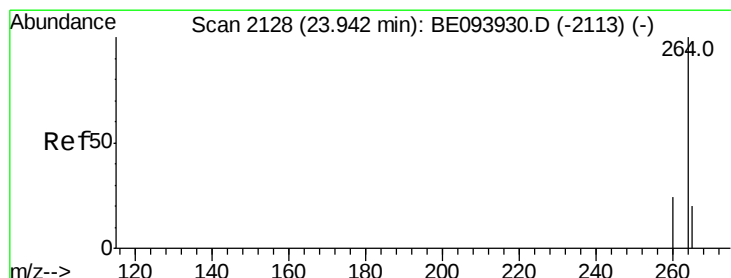
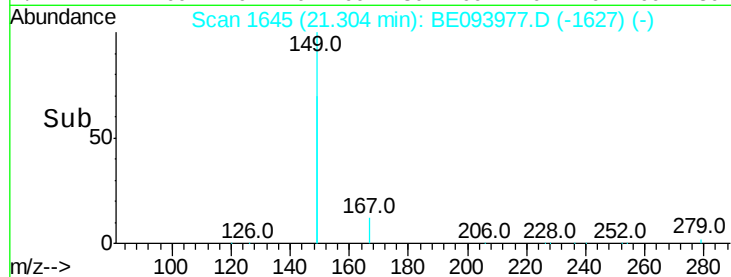
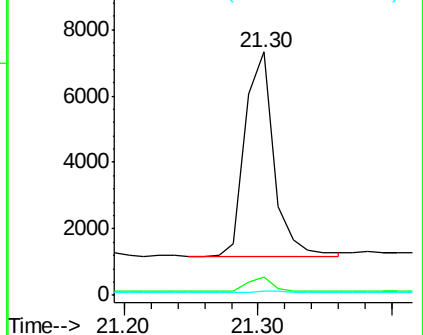
279 1.1 0.7 1.1#



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# 2128

Delta R.T. -0.00 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

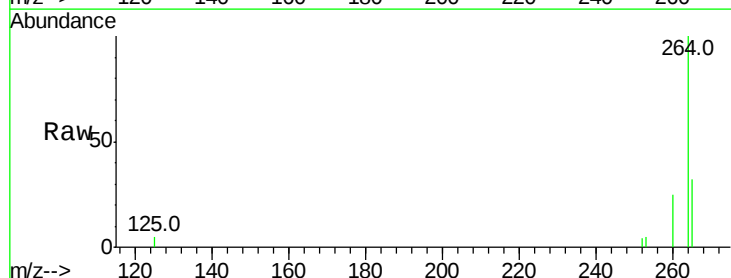
Tgt Ion:264 Resp: 13448

Ion Ratio Lower Upper

264 100

260 25.2 20.0 30.0

265 31.9 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

