

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080317\
 Data File : BE093650.D
 Acq On : 3 Aug 2017 9:51
 Operator : SJ/JU
 Sample : I4425-12
 Misc : I4426-07
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 04 04:11:52 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 10:58:31 2017
 Response via : Initial Calibration

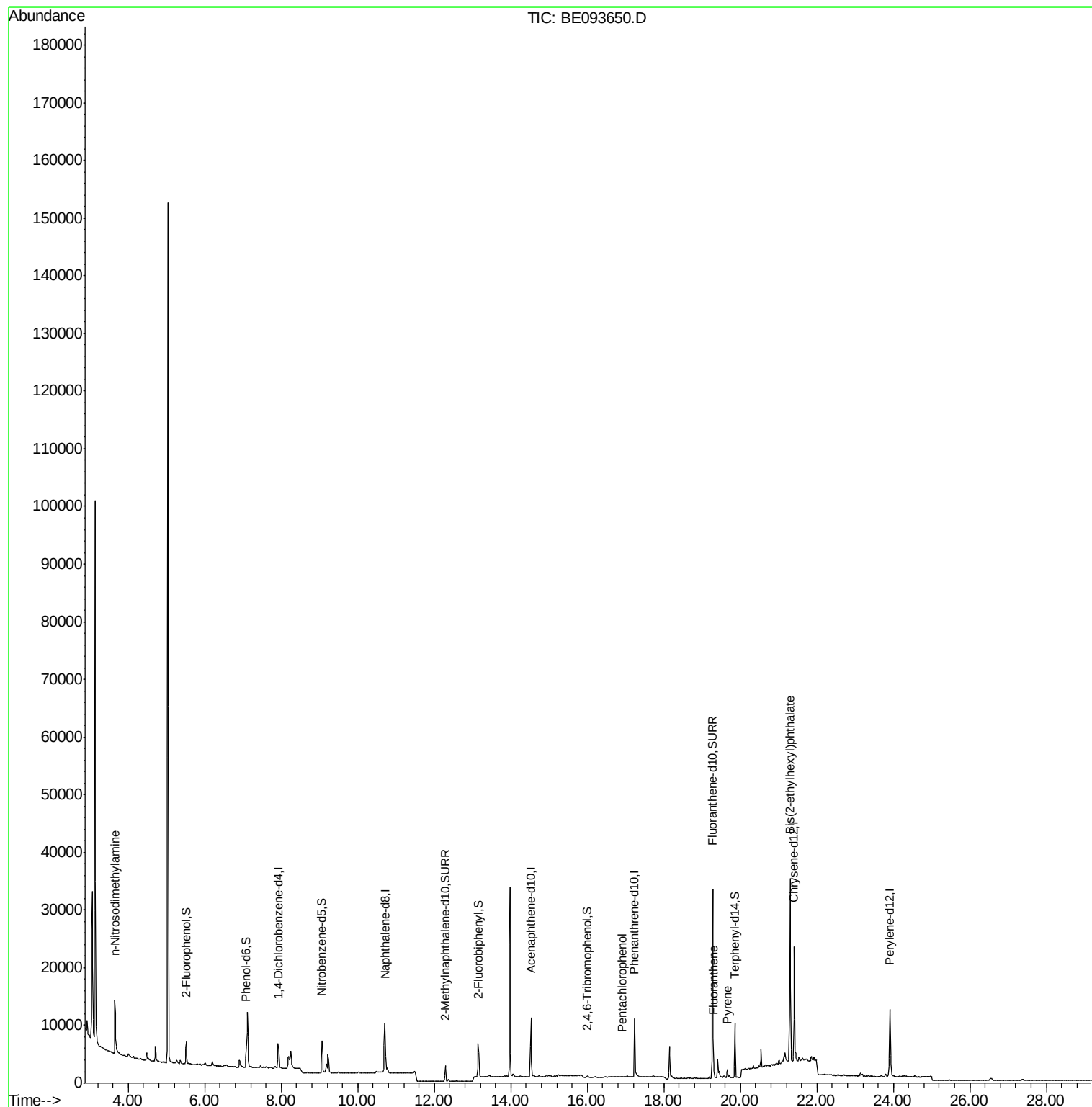
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2184	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	10333	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	5996	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	16058	0.40	ng	0.00
27) Chrysene-d12	21.40	240	20380	0.40	ng	-0.01
34) Perylene-d12	23.91	264	17885	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	2073	0.32	ng	0.00
5) Phenol-d6	7.09	99	3127	0.32	ng	-0.01
8) Nitrobenzene-d5	9.06	82	2273	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4007	0.25	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	372	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5788	0.24	ng	-0.02
25) Fluoranthene-d10	19.28	212	44705	0.25	ng	0.00
29) Terphenyl-d14	19.86	244	7792	0.21	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.65	42	2039	0.615	ng	# 1
20) 4-Bromophenyl-phenylether	16.39	248	6	Below Cal		# 28
22) Pentachlorophenol	16.91	266	78	0.175	ng	# 70
26) Fluoranthene	19.30	202	1923	0.034	ng	# 83
28) Pyrene	19.66	202	1411	0.021	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.30	149	35049	0.429	ng	99

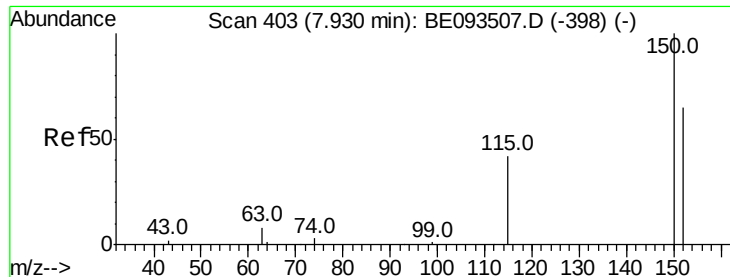
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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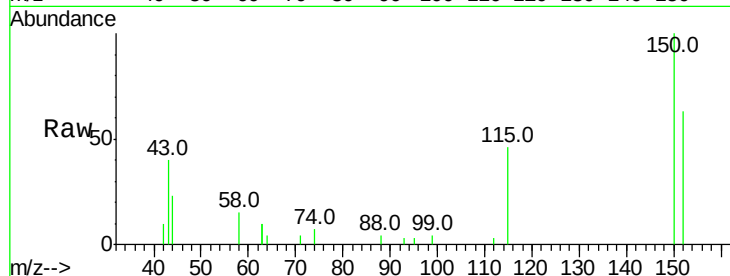


#1

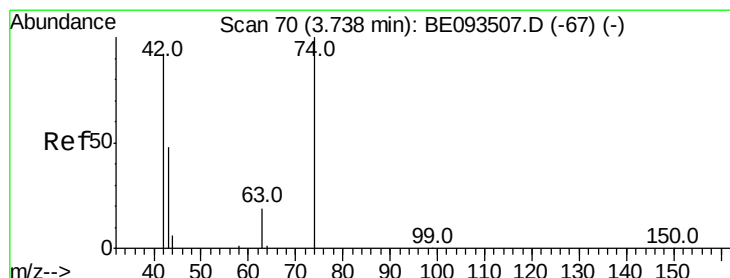
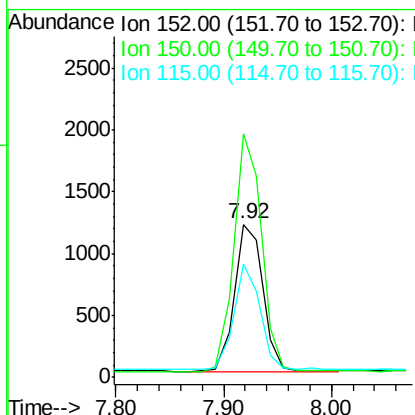
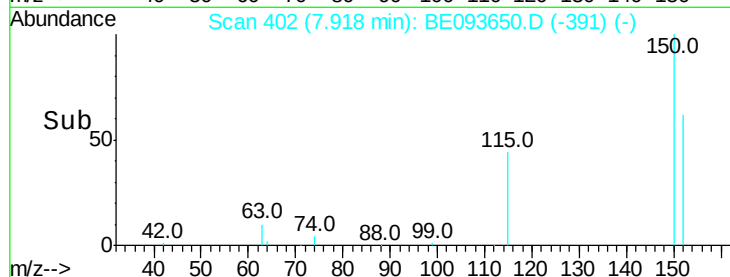
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093650.D
Acq: 3 Aug 2017 9:51

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2184
Ion Ratio Lower Upper
152 100
150 158.8 125.1 187.7
115 73.6 55.7 83.5



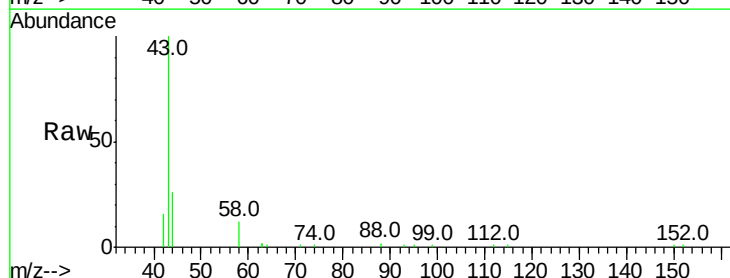
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



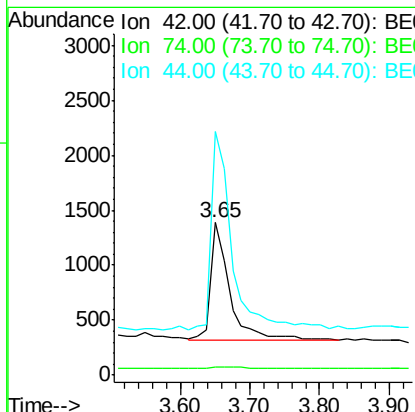
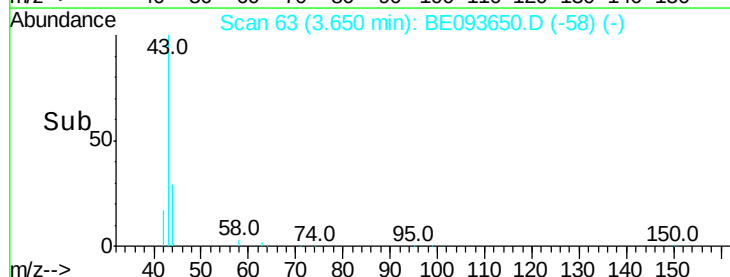
#3

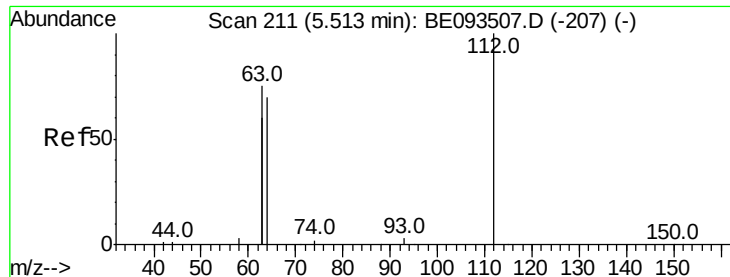
n-Nitrosodimethylamine
Concen: 0.615 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.09 min
Lab File: BE093650.D
Acq: 3 Aug 2017 9:51

Tgt Ion: 42 Resp: 2039
Ion Ratio Lower Upper
42 100
74 1.8 99.1 148.7#
44 180.6 7.4 11.2#



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: 0.319 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093650.D

Acq: 3 Aug 2017 9:51

Instrument :

BNA_E

ClientSampled :

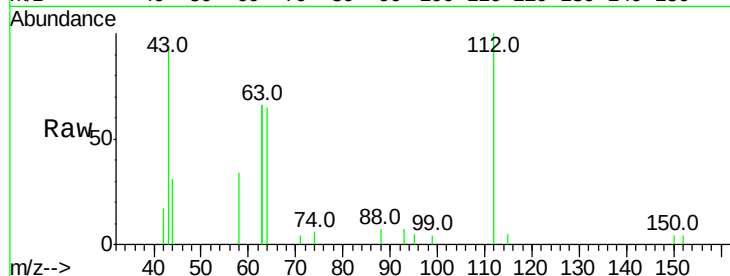
Tot Ion:112 Resp: 2073

Ion Ratio Lower Upper

112 100

64 71.6 56.4 84.6

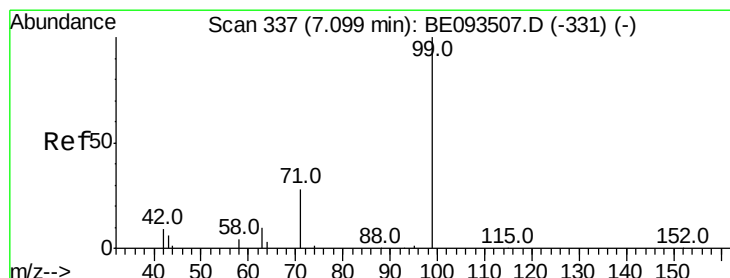
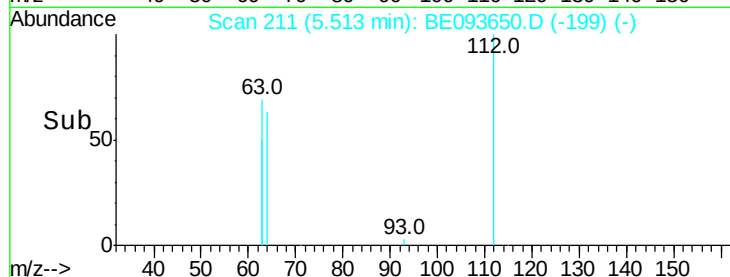
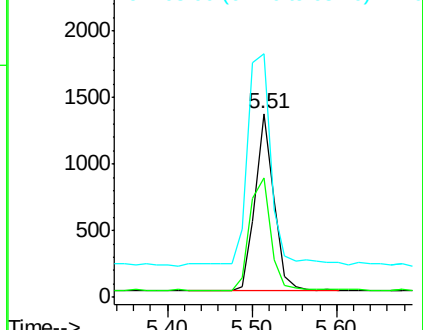
63 140.2 29.3 43.9#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.319 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093650.D

Acq: 3 Aug 2017 9:51

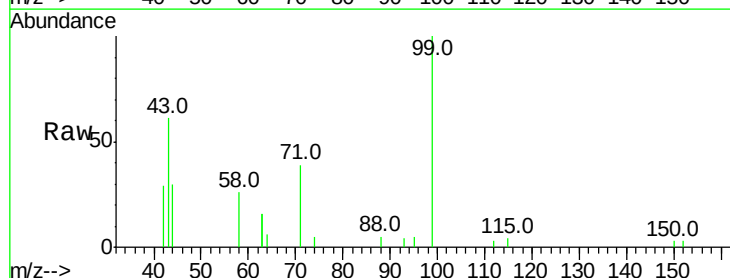
Tgt Ion: 99 Resp: 3127

Ion Ratio Lower Upper

99 100

42 29.5 0.0 0.0#

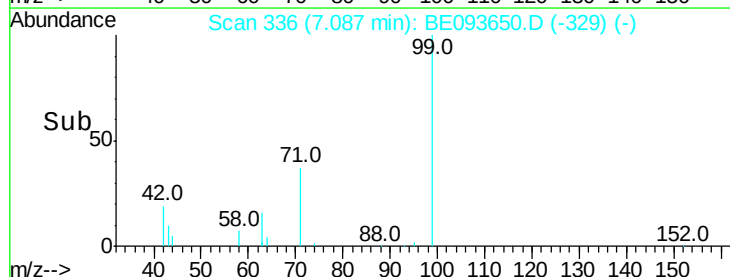
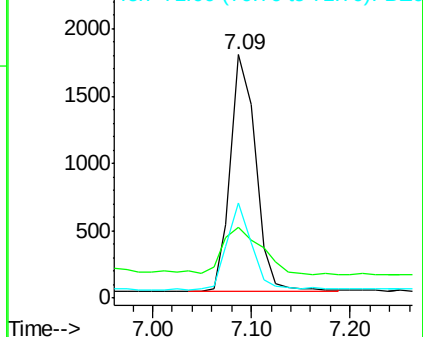
71 35.1 0.0 0.0#

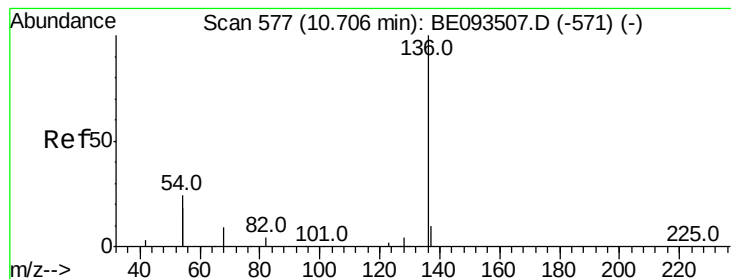


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093650.D

Acq: 3 Aug 2017 9:51

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 10333

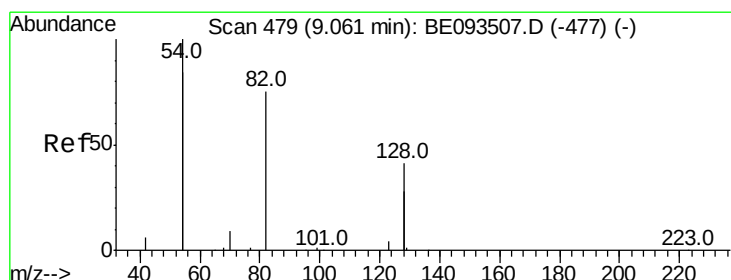
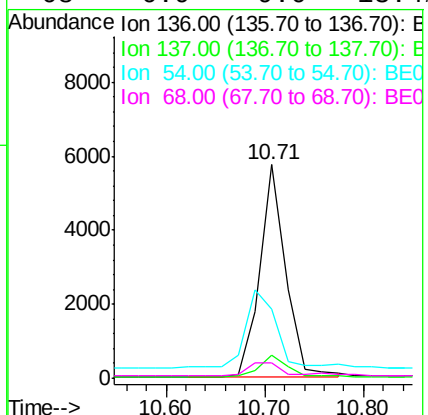
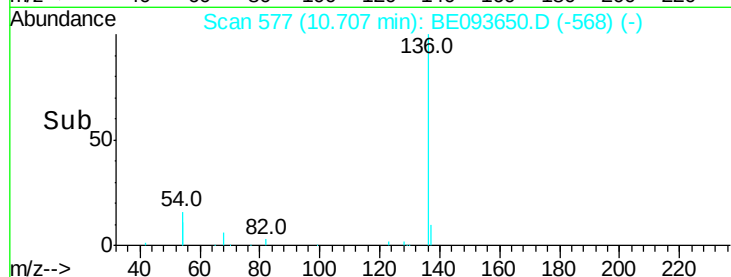
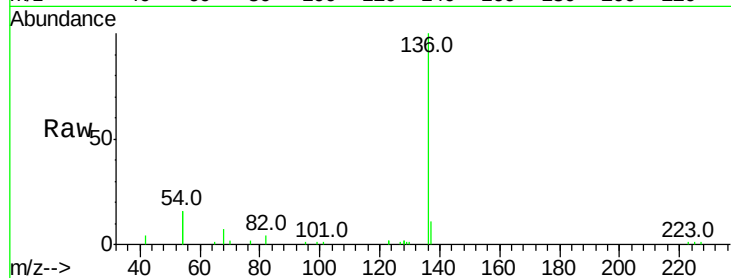
Ion Ratio Lower Upper

136 100

137 10.9 9.8 14.8

54 32.3 10.3 15.5#

68 6.9 9.0 13.4#



#8

Nitrobenzene-d5

Concen: 0.288 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093650.D

Acq: 3 Aug 2017 9:51

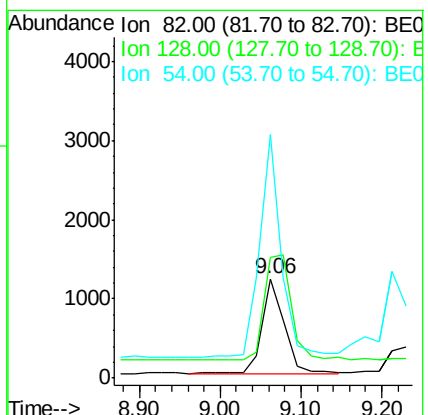
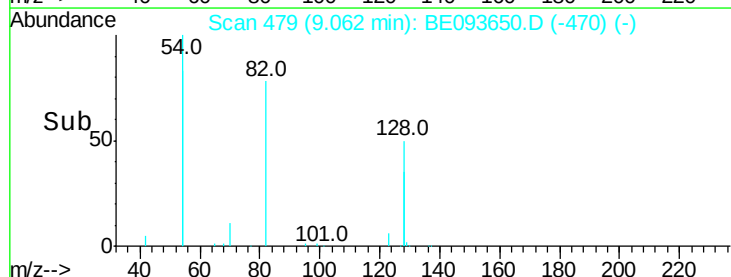
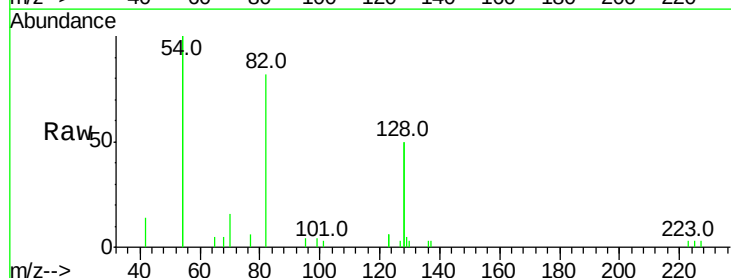
Tgt Ion: 82 Resp: 2273

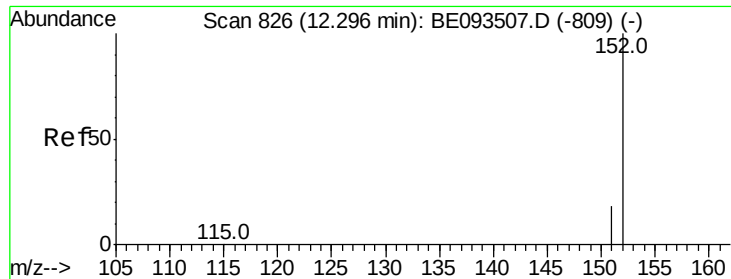
Ion Ratio Lower Upper

82 100

128 121.2 17.0 25.4#

54 244.7 53.8 80.6#

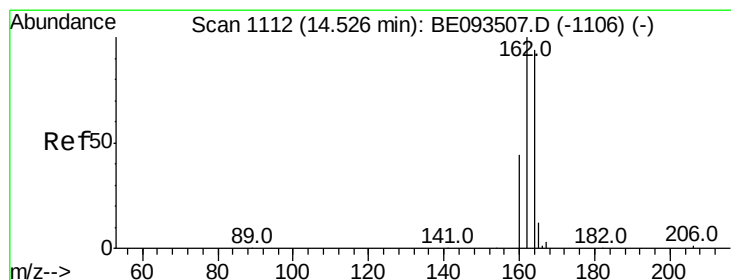
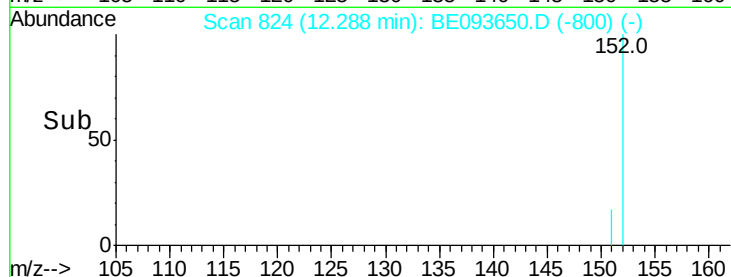
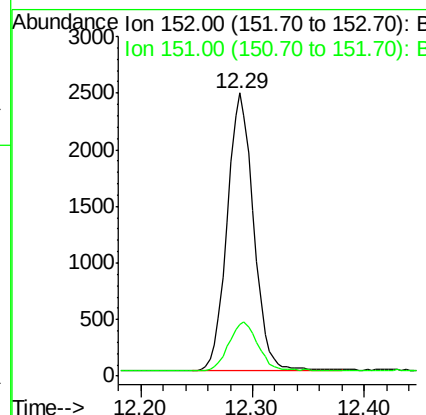
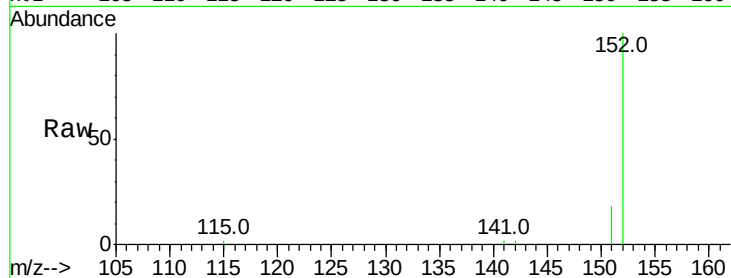




#11
 2-Methylnaphthalene-d10
 Concen: 0.245 ng
 RT: 12.29 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE093650.D
 Acq: 3 Aug 2017 9:51

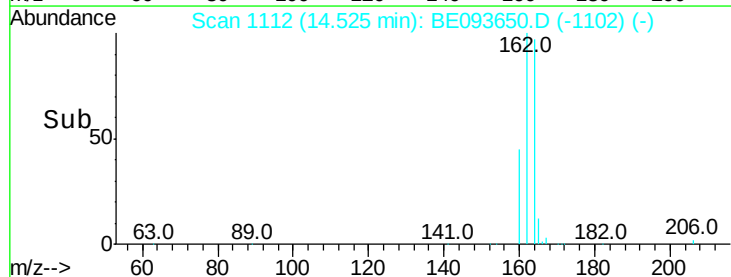
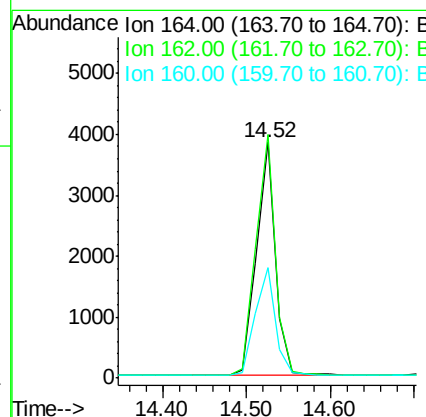
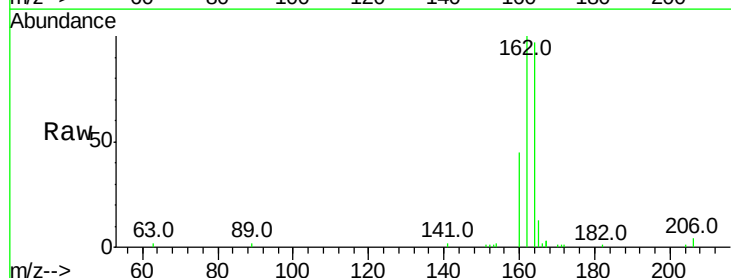
Instrument :
 BNA_E
 ClientSampled :

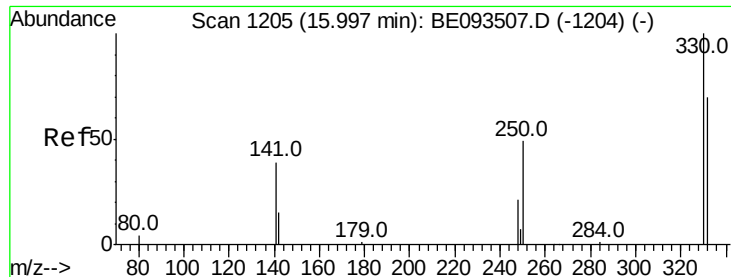
Tot Ion:152 Resp: 4007
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093650.D
 Acq: 3 Aug 2017 9:51

Tgt Ion:164 Resp: 5996
 Ion Ratio Lower Upper
 164 100
 162 103.2 84.6 127.0
 160 46.8 41.8 62.6





#14

2,4,6-Tribromophenol

Concen: 0.314 ng

RT: 16.00 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BE093650.D

Acq: 3 Aug 2017 9:51

Instrument :

BNA_E

ClientSampleId :

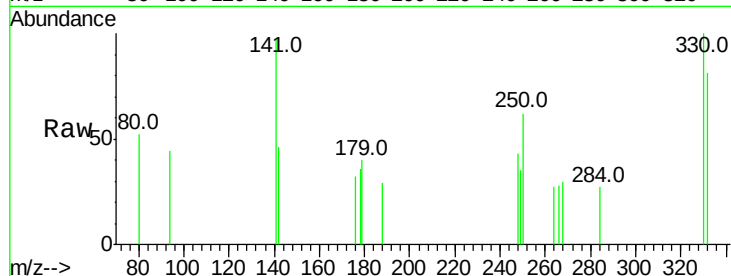
Tot Ion:330 Resp: 372

Ion Ratio Lower Upper

330 100

332 90.9 77.7 116.5

141 73.1 56.2 84.4

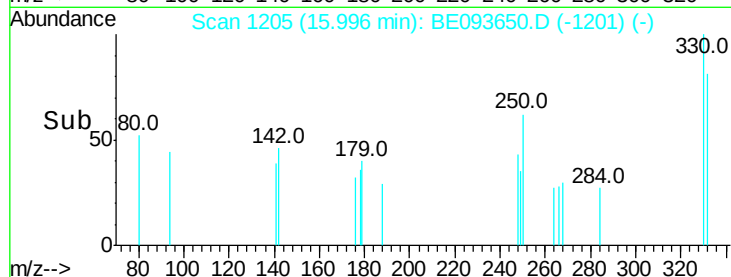


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



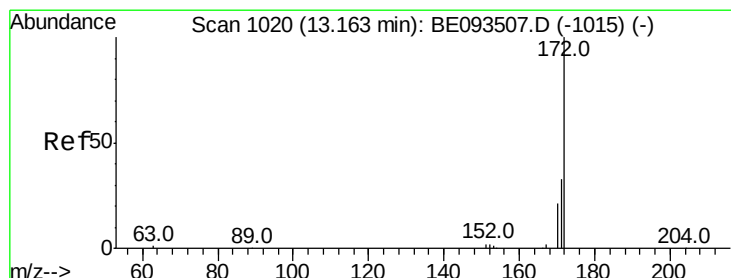
Abundance

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

Time-->



#15

2-Fluorobiphenyl

Concen: 0.241 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BE093650.D

Acq: 3 Aug 2017 9:51

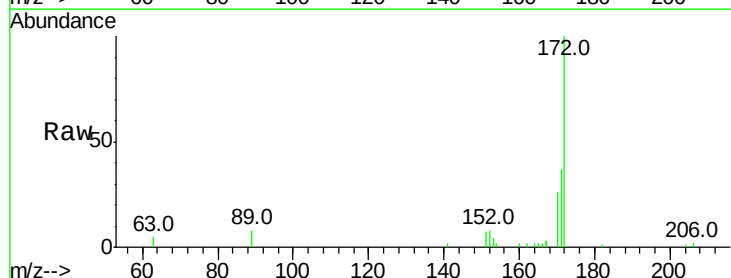
Tgt Ion:172 Resp: 5788

Ion Ratio Lower Upper

172 100

171 37.2 29.8 44.6

170 26.4 20.7 31.1

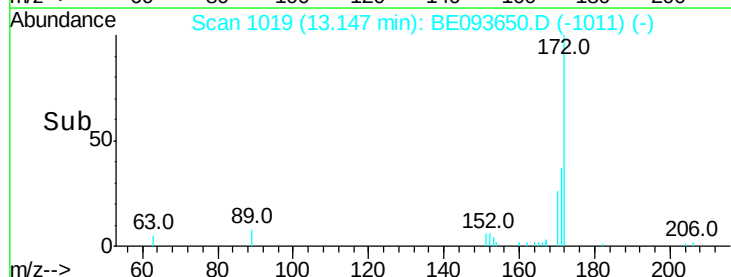


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time-->



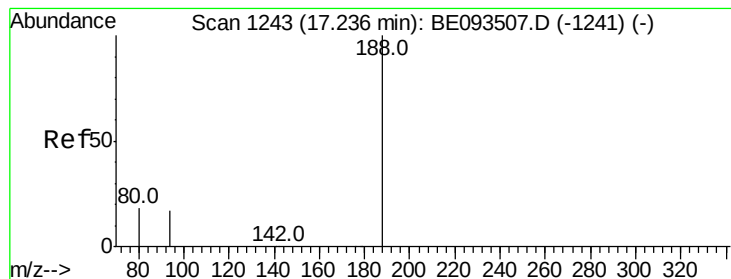
Abundance

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

Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093650.D

Acq: 3 Aug 2017 9:51

Instrument :

BNA_E

ClientSampleId :

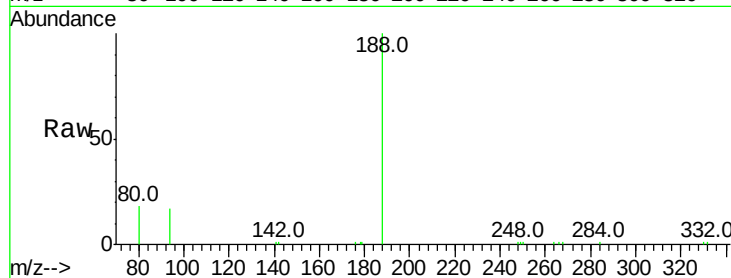
Tot Ion:188 Resp: 16058

Ion Ratio Lower Upper

188 100

94 16.9 11.3 16.9

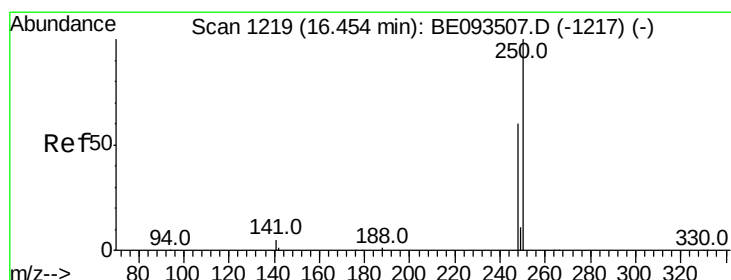
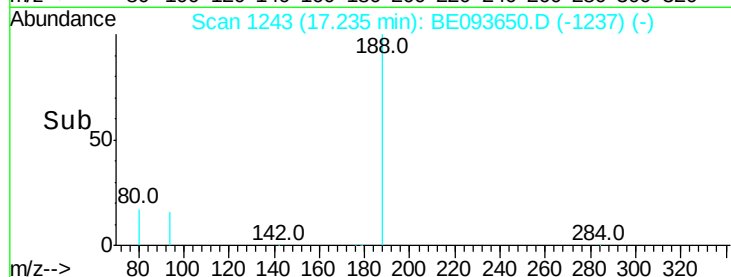
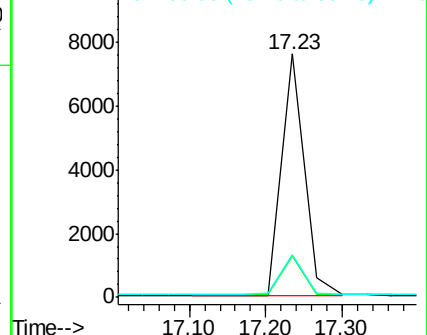
80 17.8 11.7 17.5#



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: 16.39 min Scan# 1217

Delta R.T. -0.07 min

Lab File: BE093650.D

Acq: 3 Aug 2017 9:51

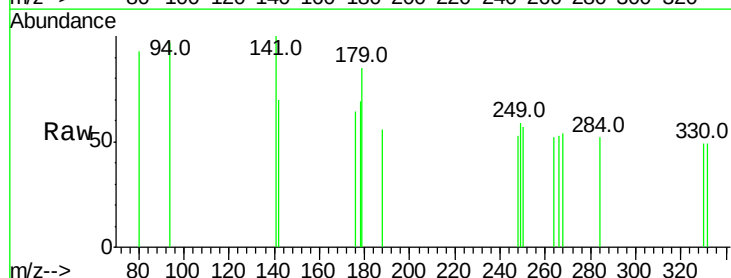
Tgt Ion:248 Resp: 6

Ion Ratio Lower Upper

248 100

250 108.3 128.0 192.0#

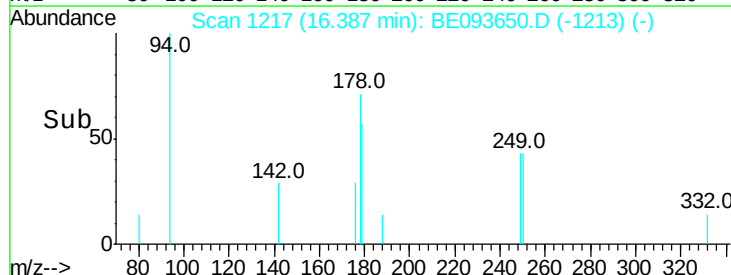
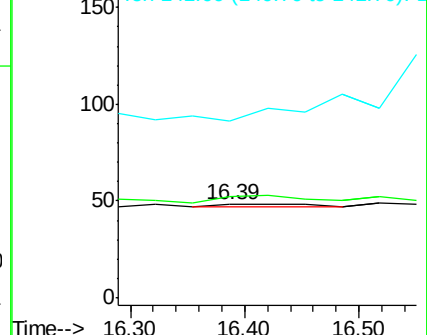
141 189.6 12.0 18.0#

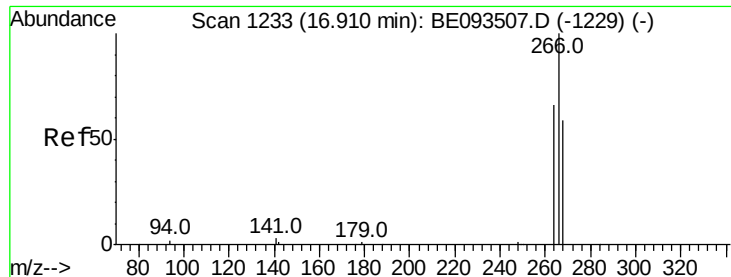


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

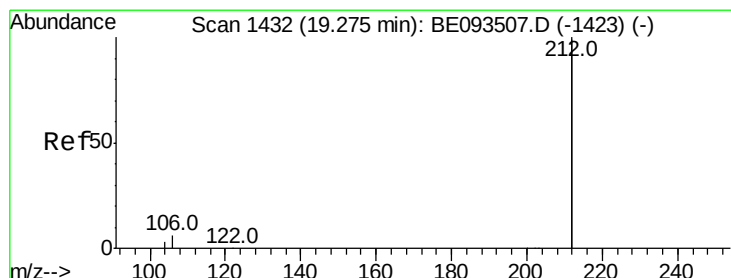
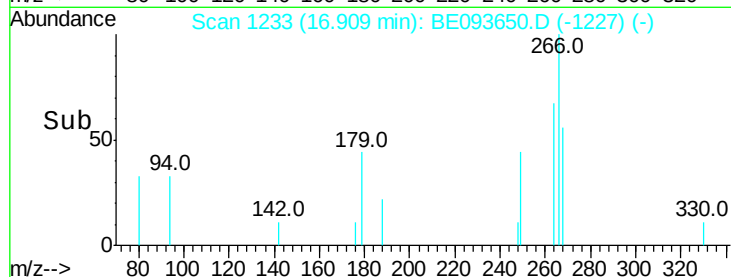
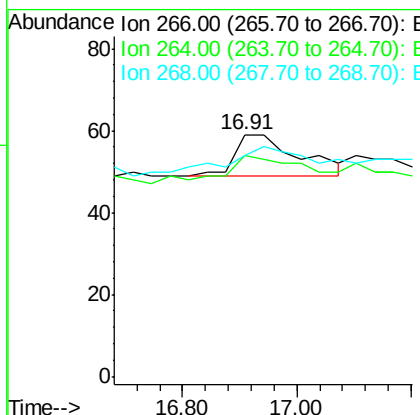
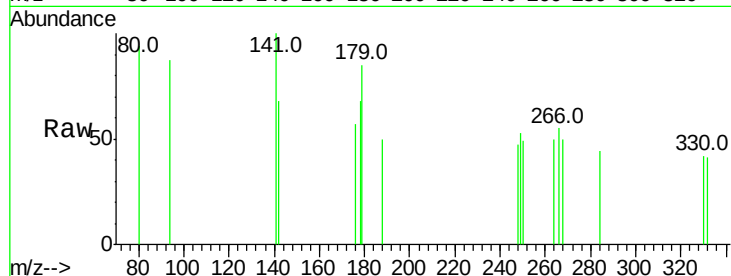




#22
 Pentachlorophenol
 Concen: 0.175 ng
 RT: 16.91 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BE093650.D
 Acq: 3 Aug 2017 9:51

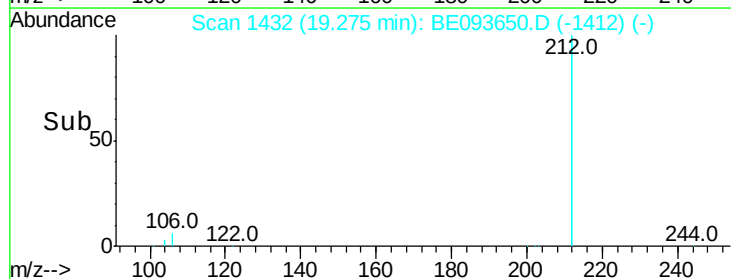
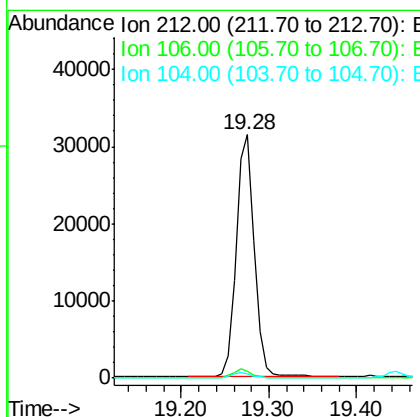
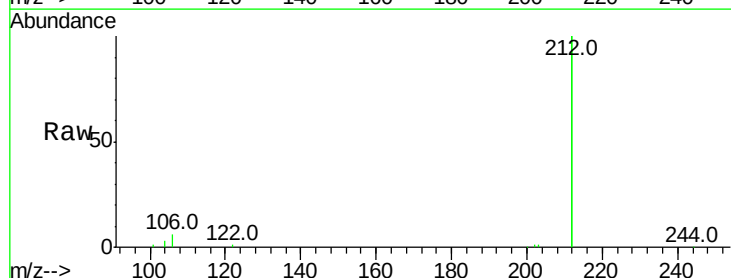
Instrument :
 BNA_E
 ClientSampleId :

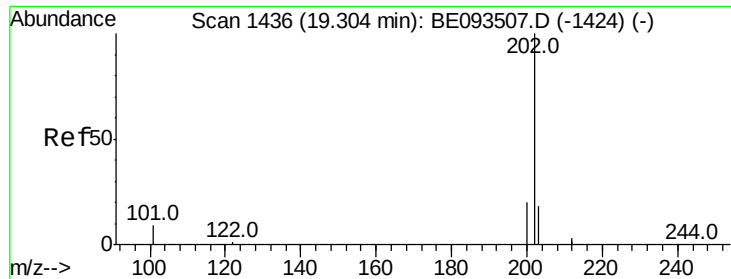
Tot Ion:266 Resp: 78
 Ion Ratio Lower Upper
 266 100
 264 91.5 56.0 84.0#
 268 91.5 52.0 78.0#



#25
 Fluoranthene-d10
 Concen: 0.245 ng
 RT: 19.28 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE093650.D
 Acq: 3 Aug 2017 9:51

Tgt Ion:212 Resp: 44705
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.4 3.6
 104 2.0 1.6 2.4

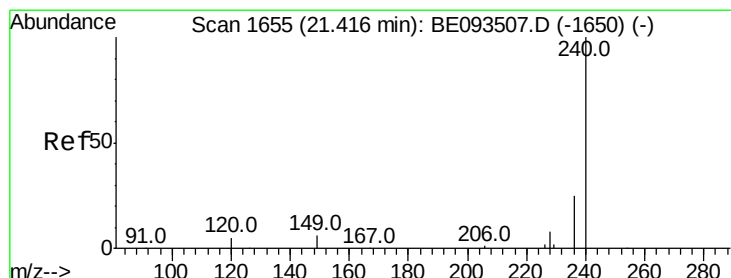
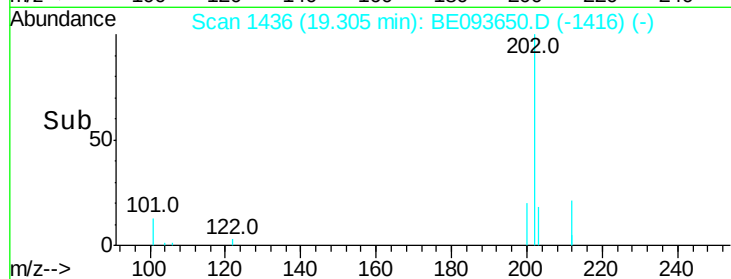
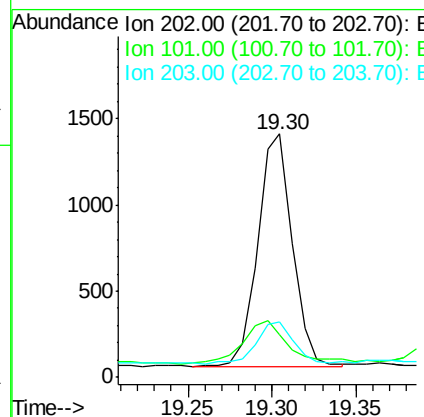
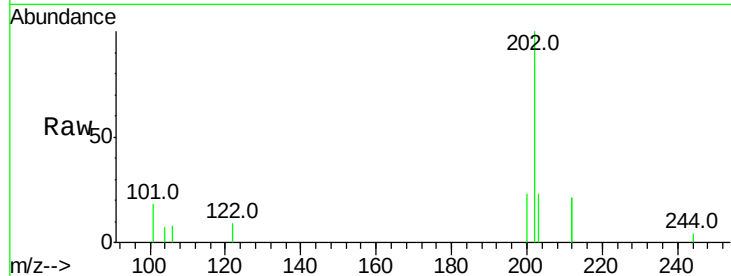




#26
 Fluoranthene
 Concen: 0.034 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BE093650.D
 Acq: 3 Aug 2017 9:51

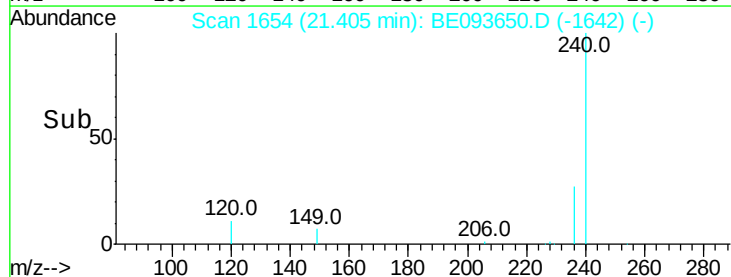
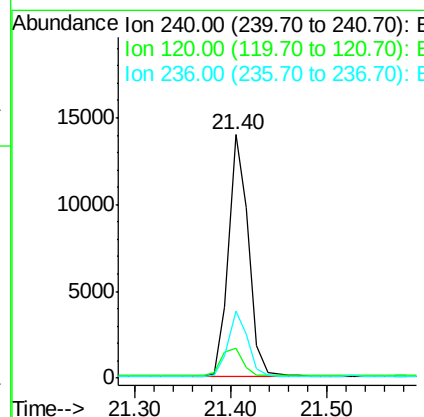
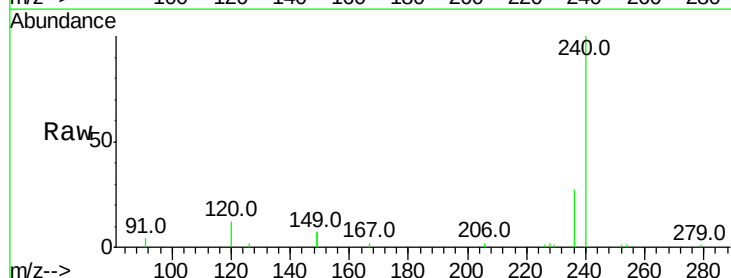
Instrument :
 BNA_E
 ClientSampleId :

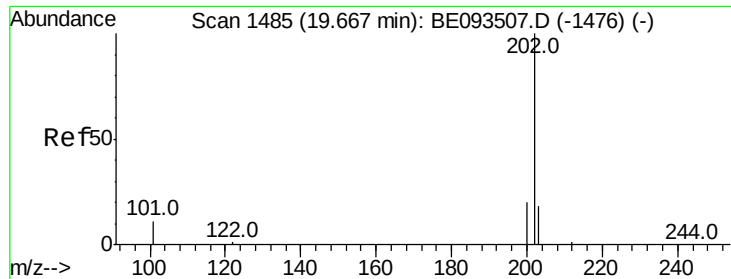
Tot Ion:202 Resp: 1923
 Ion Ratio Lower Upper
 202 100
 101 26.5 9.6 14.4#
 203 19.2 14.4 21.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BE093650.D
 Acq: 3 Aug 2017 9:51

Tgt Ion:240 Resp: 20380
 Ion Ratio Lower Upper
 240 100
 120 12.1 4.6 7.0#
 236 27.4 20.8 31.2

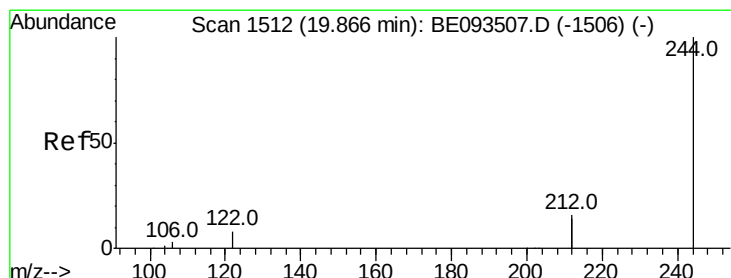
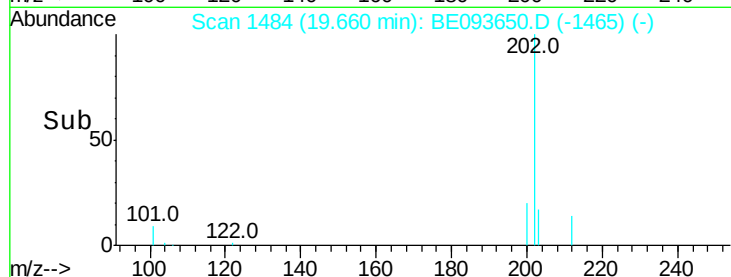
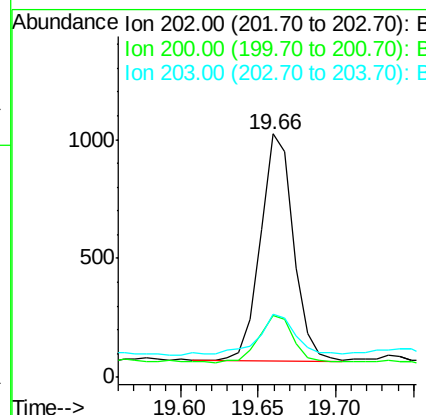
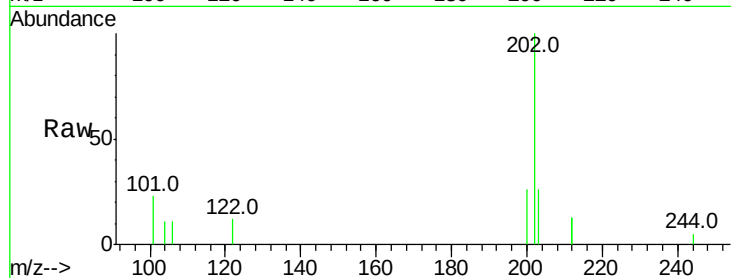




#28
Pvrene
Concen: 0.021 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE093650.D
Acq: 3 Aug 2017 9:51

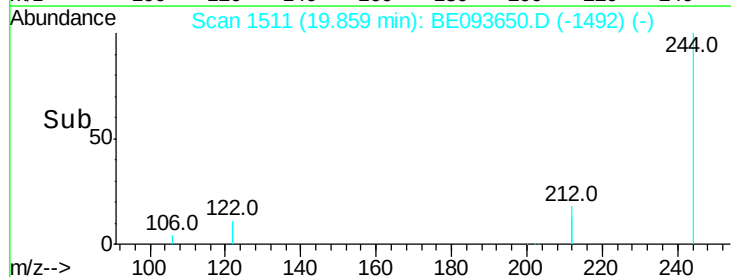
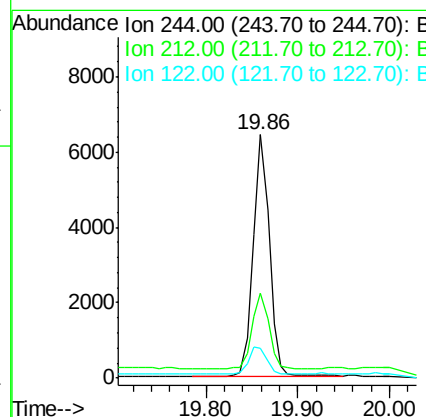
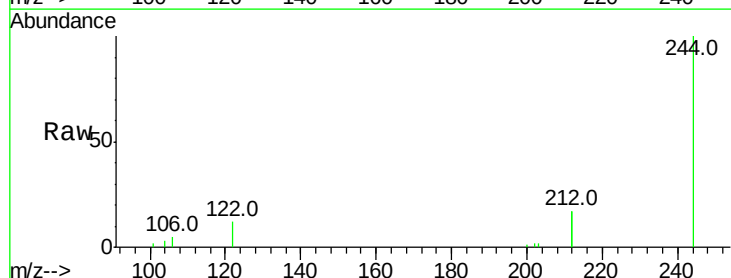
Instrument :
BNA_E
ClientSampleId :

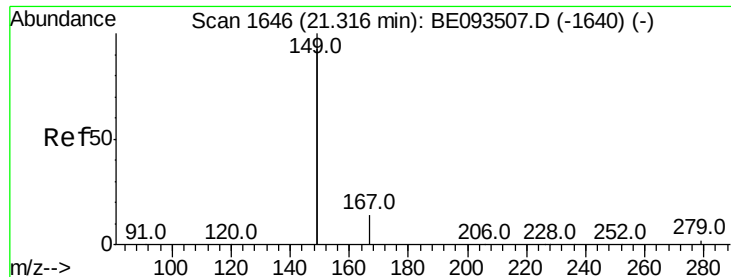
Tot Ion:202 Resp: 1411
Ion Ratio Lower Upper
202 100
200 21.8 0.0 0.0#
203 20.5 13.7 20.5



#29
Terphenyl-d14
Concen: 0.213 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093650.D
Acq: 3 Aug 2017 9:51

Tgt Ion:244 Resp: 7792
Ion Ratio Lower Upper
244 100
212 34.8 10.6 16.0#
122 12.2 15.4 23.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.429 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093650.D

Acq: 3 Aug 2017 9:51

Instrument :

BNA_E

ClientSampleId :

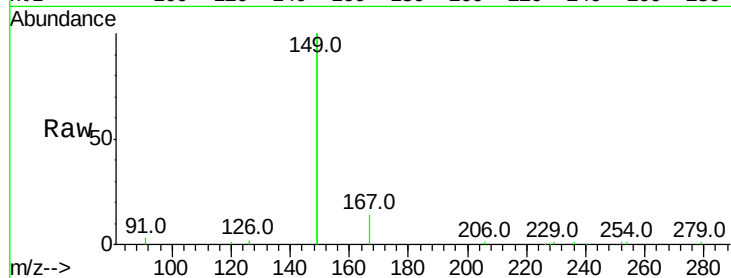
Tot Ion:149 Resp: 35049

Ion Ratio Lower Upper

149 100

167 6.5 4.8 7.2

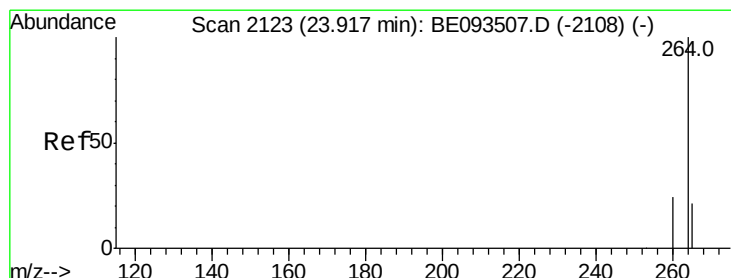
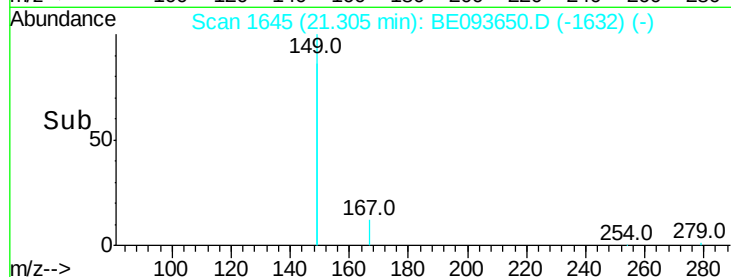
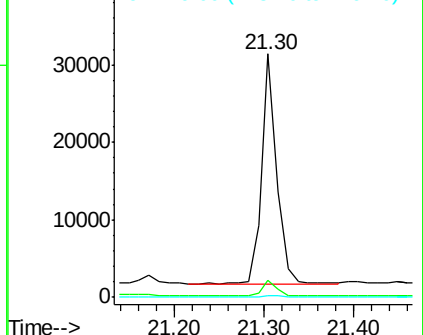
279 0.8 0.8 1.2



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: 23.91 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BE093650.D

Acq: 3 Aug 2017 9:51

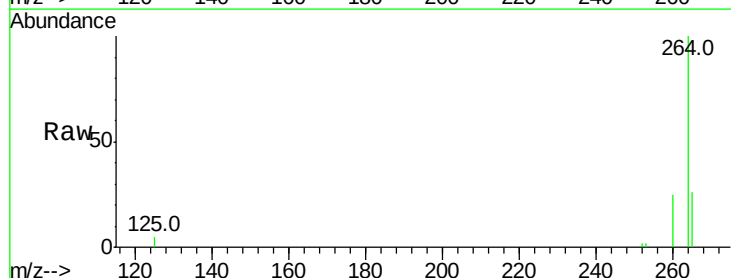
Tgt Ion:264 Resp: 17885

Ion Ratio Lower Upper

264 100

260 24.7 21.0 31.4

265 25.7 24.6 36.8



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

