

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091317\
 Data File : BE093987.D
 Acq On : 13 Sep 2017 13:50
 Operator : SJ/JU
 Sample : I5196-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 14 00:53:15 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

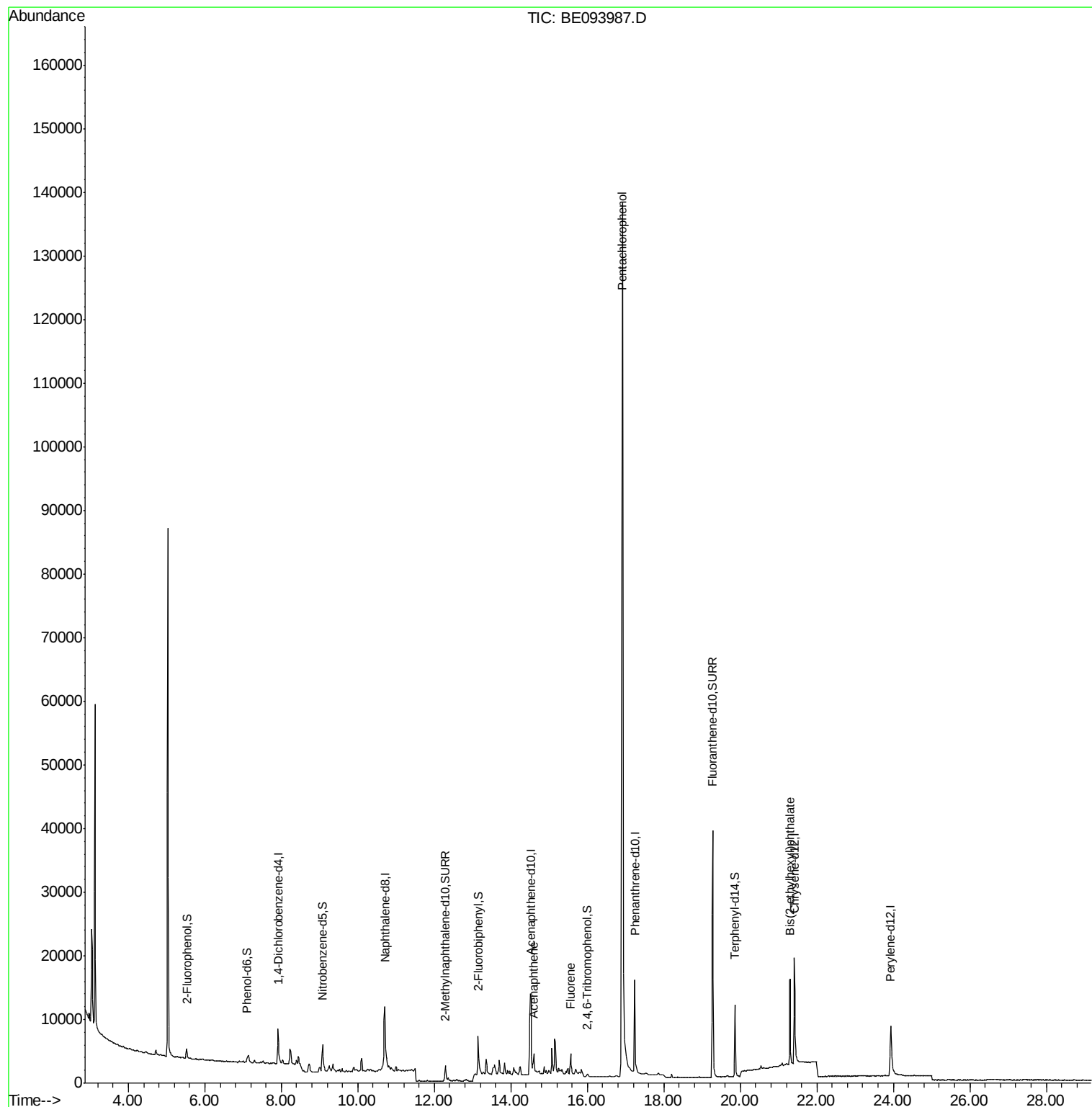
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2790	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	13915	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	9118	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	25215	0.40	ng	-0.03
27) Chrysene-d12	21.41	240	22236	0.40	ng	-0.01
34) Perylene-d12	23.93	264	16921	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	1166	0.13	ng	0.00
5) Phenol-d6	7.11	99	1243	0.09	ng	0.00
8) Nitrobenzene-d5	9.08	82	2292	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4475	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	469	0.17	ng	-0.03
15) 2-Fluorobiphenyl	13.15	172	6752	0.19	ng	-0.01
25) Fluoranthene-d10	19.27	212	57024	0.15	ng	0.00
29) Terphenyl-d14	19.86	244	11250	0.27	ng	-0.02
Target Compounds						
17) Acenaphthene	14.59	154	702	0.023	ng	# 60
18) Fluorene	15.56	166	1746	0.044	ng	# 79
20) 4-Bromophenyl-phenylether	16.42	248	41	Below Cal		# 20
22) Pentachlorophenol	16.91	266	139533	34.894	ng	# 89
23) Phenanthrene	17.27	178	851	Below Cal		# 83
32) Bis(2-ethylhexyl)phthalate	21.29	149	19913	0.120	ng	100

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

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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: BE093987.D

Acq: 13 Sep 2017 13:50

Instrument :

BNA_E

ClientSampleId :

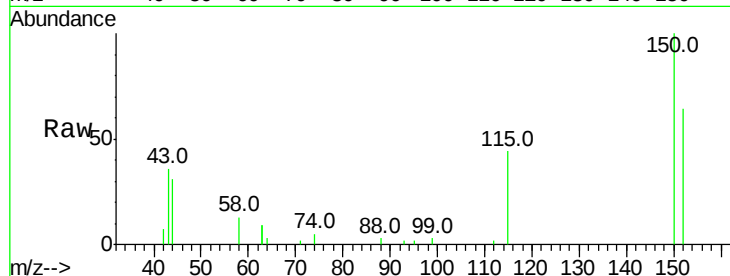
Tot Ion:152 Resp: 2790

Ion Ratio Lower Upper

152 100

150 155.7 121.8 182.6

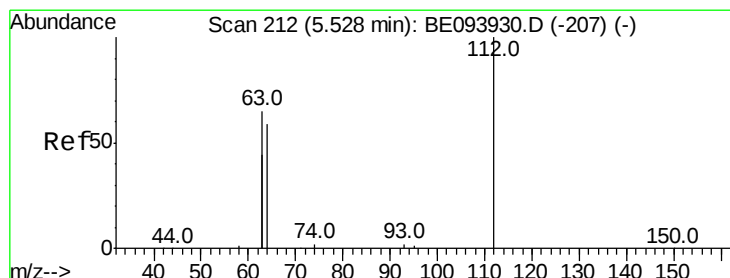
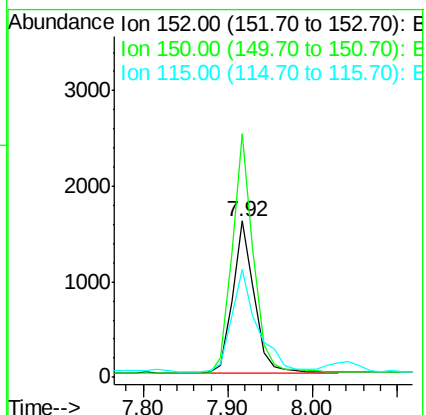
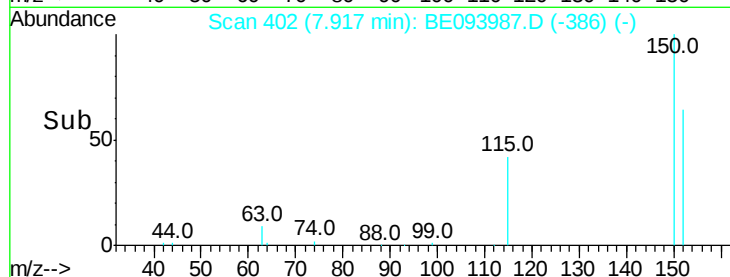
115 68.7 52.6 79.0



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



#4

2-Fluorophenol

Concen: 0.129 ng

RT: 5.52 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093987.D

Acq: 13 Sep 2017 13:50

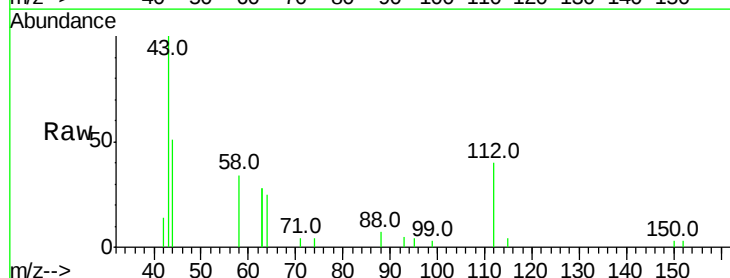
Tgt Ion:112 Resp: 1166

Ion Ratio Lower Upper

112 100

64 70.2 57.7 86.5

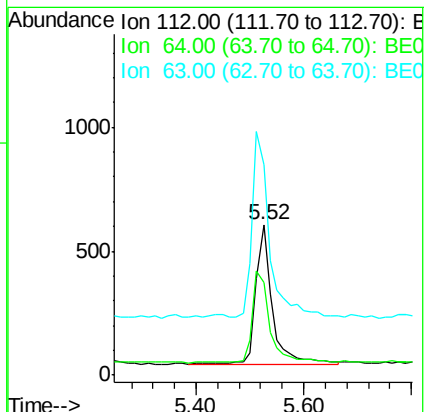
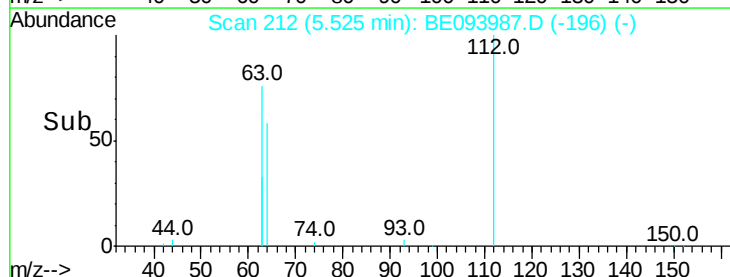
63 141.8 116.0 174.0

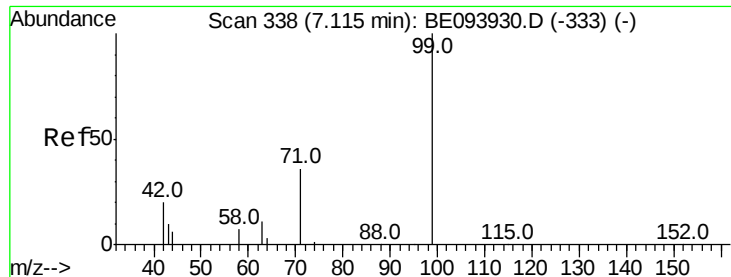


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.092 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093987.D

Acq: 13 Sep 2017 13:50

Instrument :

BNA_E

ClientSampleId :

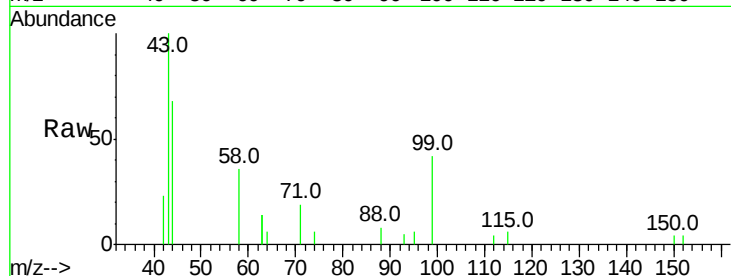
Tot Ion: 99 Resp: 1243

Ion Ratio Lower Upper

99 100

42 25.3 17.1 25.7

71 36.3 26.6 39.8

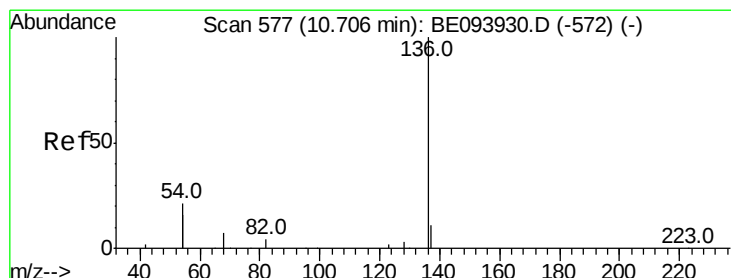
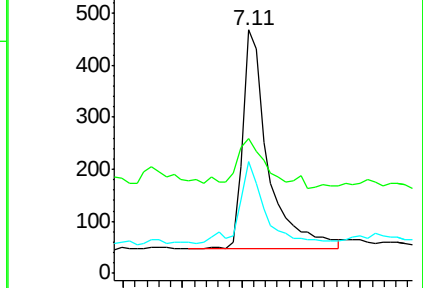
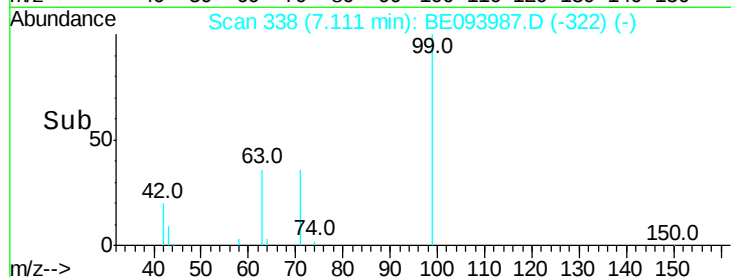


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093987.D

Acq: 13 Sep 2017 13:50

Tgt Ion: 136 Resp: 13915

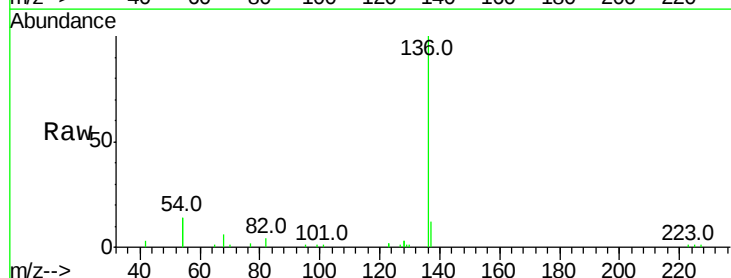
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 28.4 21.9 32.9

68 5.9 4.6 7.0



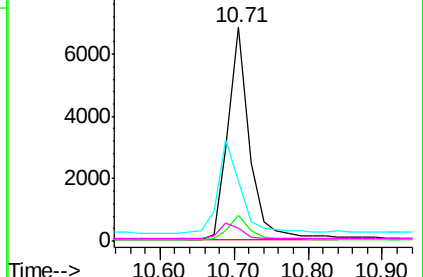
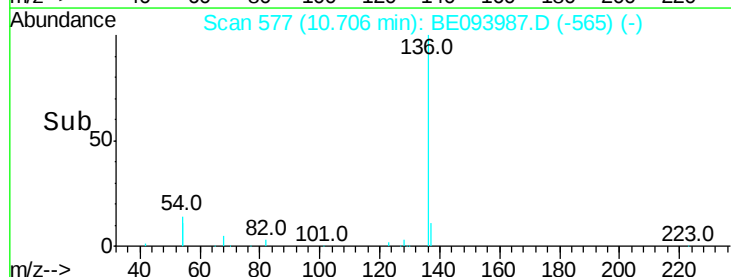
Abundance Ion 136.00 (135.70 to 136.70): E

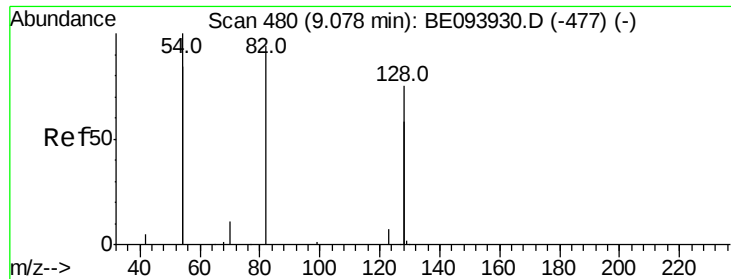
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->





#8

Nitrobenzene-d5

Concen: 0.195 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE093987.D

Acq: 13 Sep 2017 13:50

Instrument :

BNA_E

ClientSampleId :

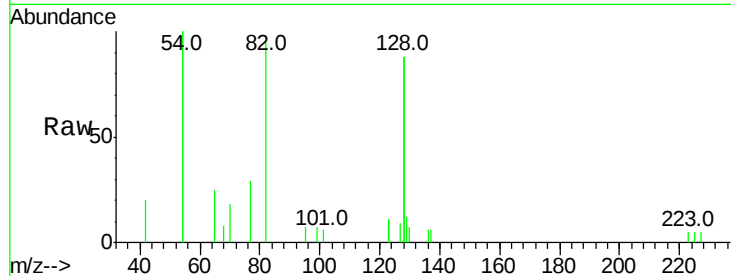
Tot Ion: 82 Resp: 2292

Ion Ratio Lower Upper

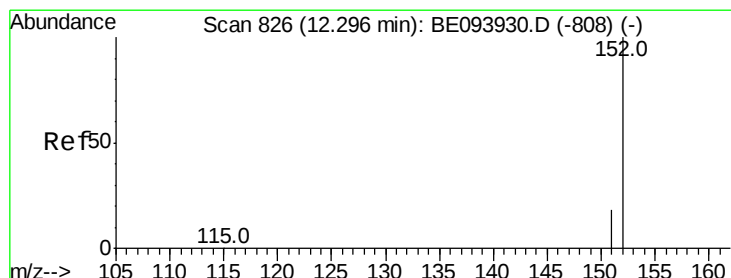
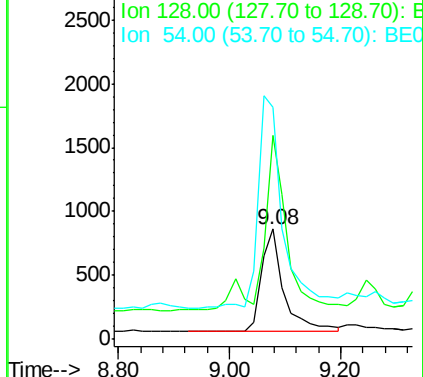
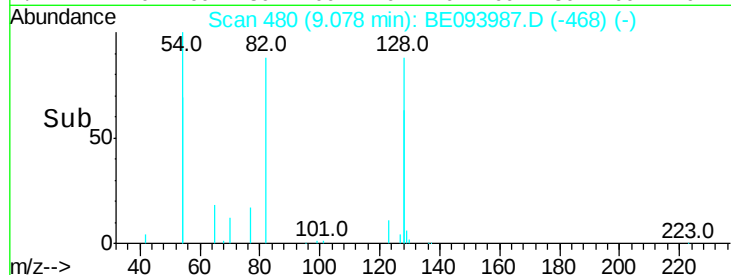
82 100

128 184.5 91.4 137.0#

54 210.4 197.8 296.8



Abundance Ion 82.00 (81.70 to 82.70): BE093987.D (-468) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.201 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093987.D

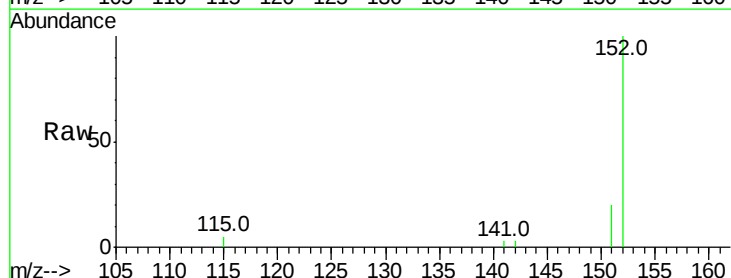
Acq: 13 Sep 2017 13:50

Tgt Ion: 152 Resp: 4475

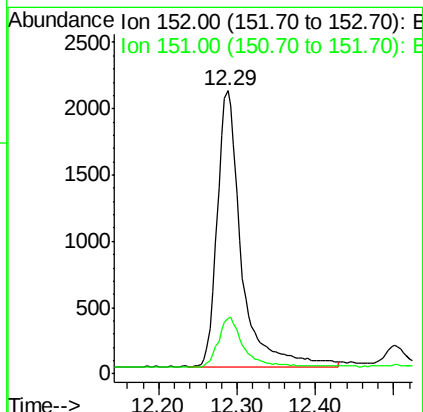
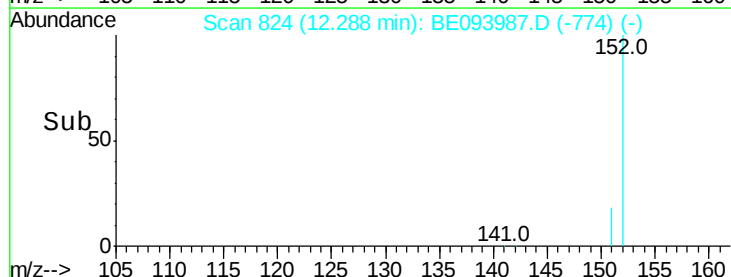
Ion Ratio Lower Upper

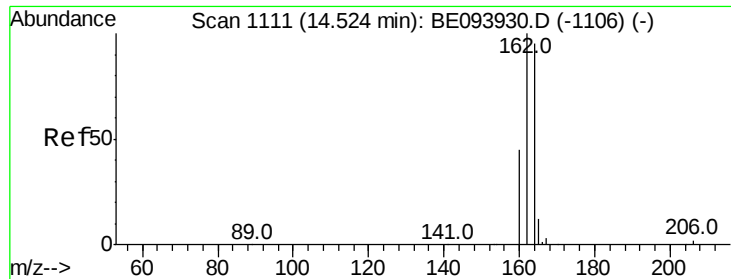
152 100

151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE093987.D (-774) (-)

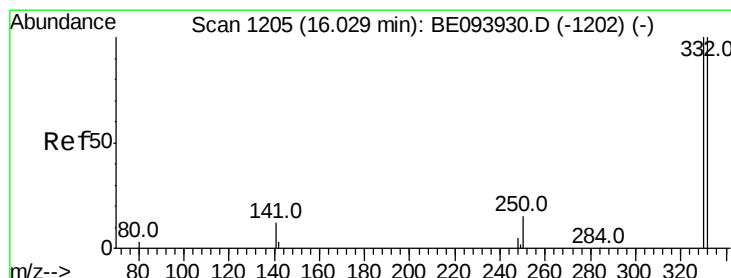
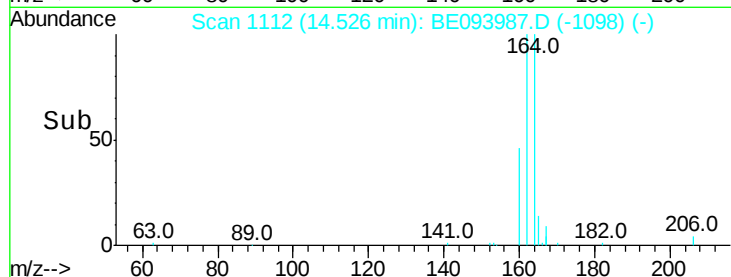
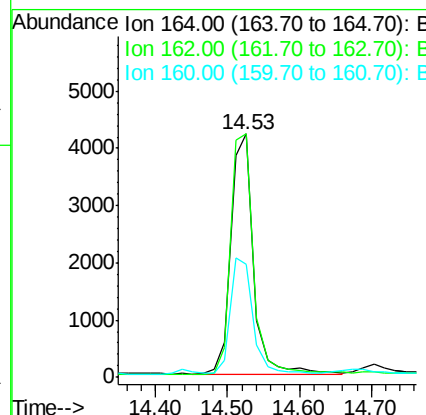
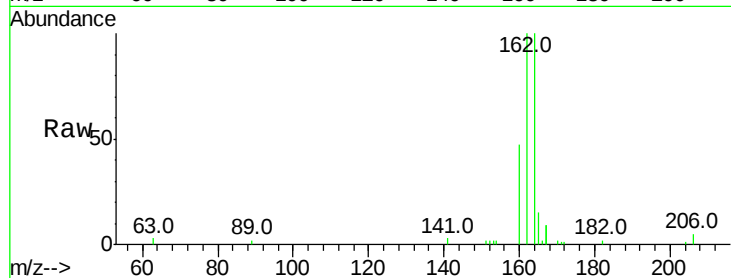




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093987.D
 Acq: 13 Sep 2017 13:50

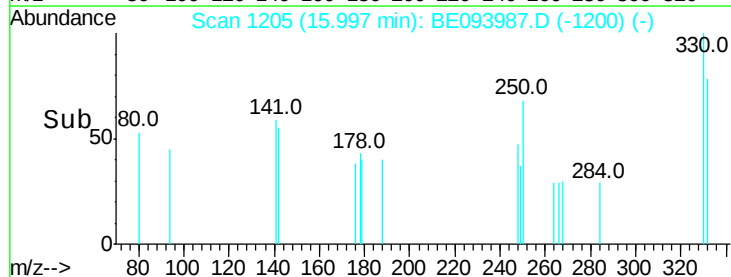
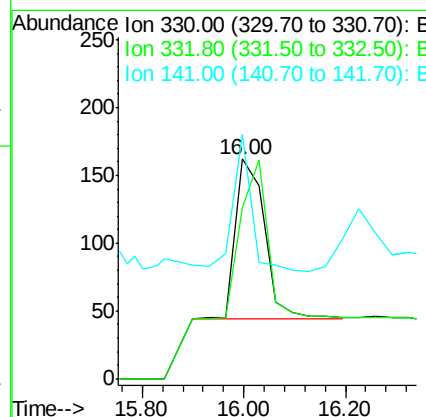
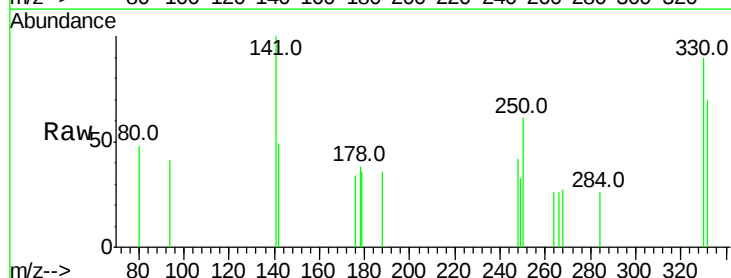
Instrument :
 BNA_E
 ClientSampleId :

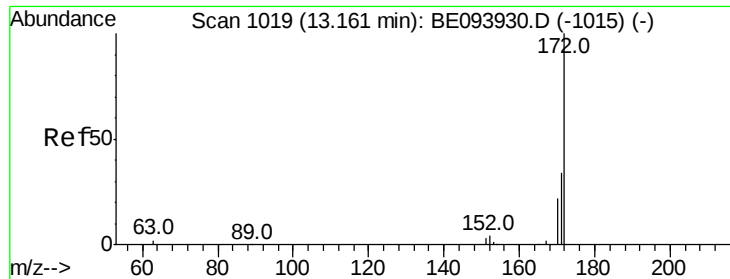
Tot Ion:164 Resp: 9118
 Ion Ratio Lower Upper
 164 100
 162 100.0 80.8 121.2
 160 46.7 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.166 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BE093987.D
 Acq: 13 Sep 2017 13:50

Tgt Ion:330 Resp: 469
 Ion Ratio Lower Upper
 330 100
 332 0.0 76.9 115.3#
 141 52.9 0.0 0.0#

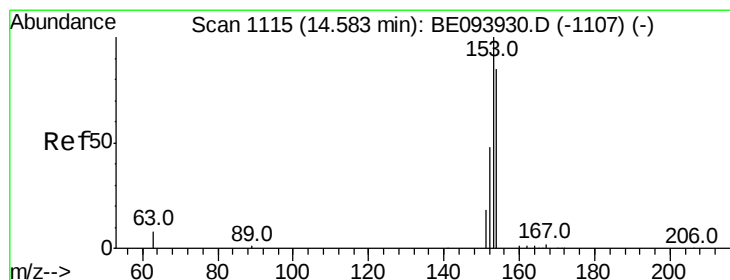
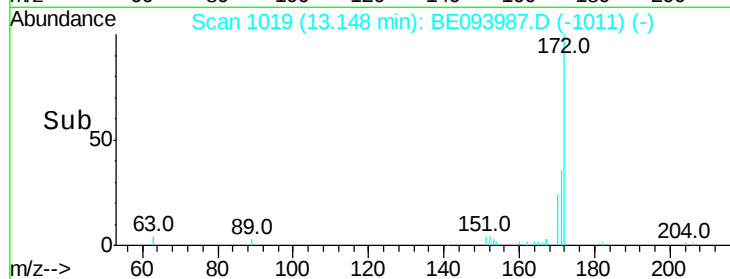
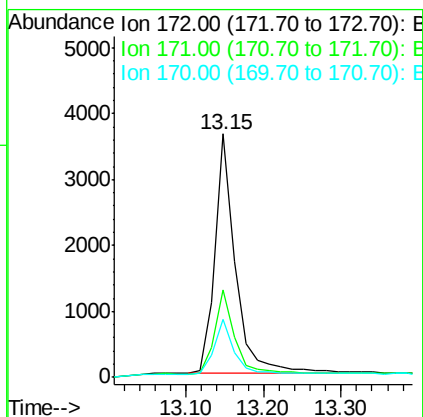
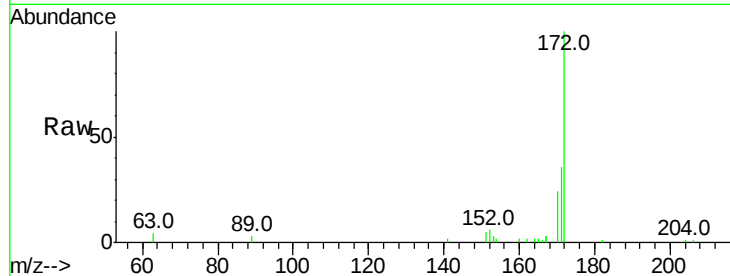




#15
2-Fluorobiphenyl
Concen: 0.187 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093987.D
Acq: 13 Sep 2017 13:50

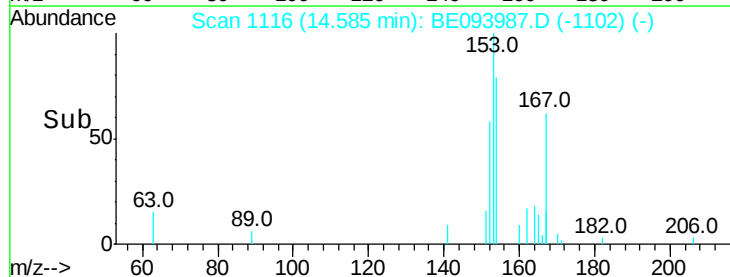
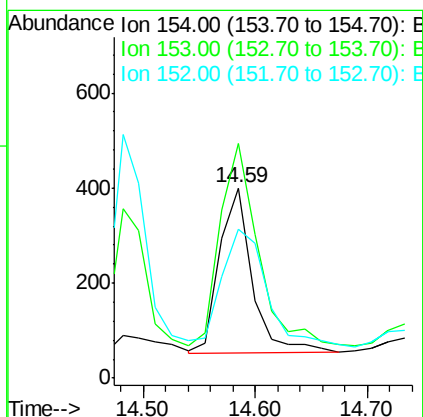
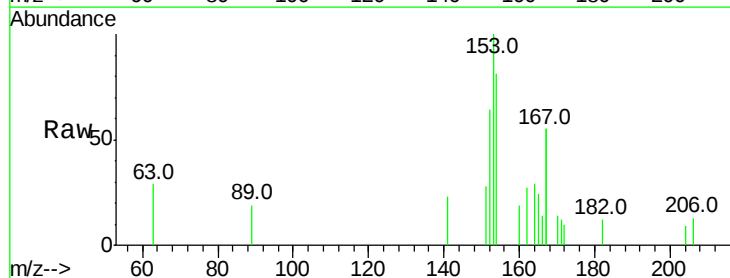
Instrument :
BNA_E
ClientSampleId :

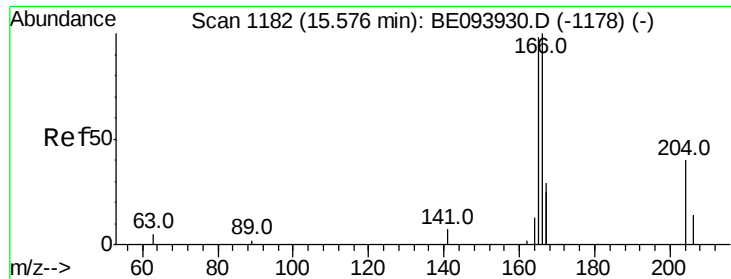
Tot Ion:172 Resp: 6752
Ion Ratio Lower Upper
172 100
171 36.1 26.9 40.3
170 23.9 17.3 25.9



#17
Acenaphthene
Concen: 0.023 ng
RT: 14.59 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093987.D
Acq: 13 Sep 2017 13:50

Tgt Ion:154 Resp: 702
Ion Ratio Lower Upper
154 100
153 146.4 91.8 137.6#
152 101.6 44.9 67.3#





#18

Fluorene

Concen: 0.044 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BE093987.D

Acq: 13 Sep 2017 13:50

Instrument :

BNA_E

ClientSampleId :

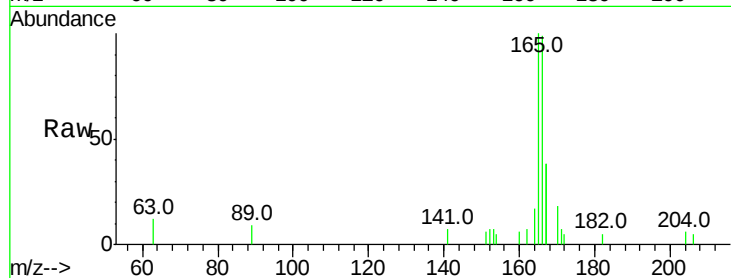
Tot Ion:166 Resp: 1746

Ion Ratio Lower Upper

166 100

165 105.2 79.4 119.0

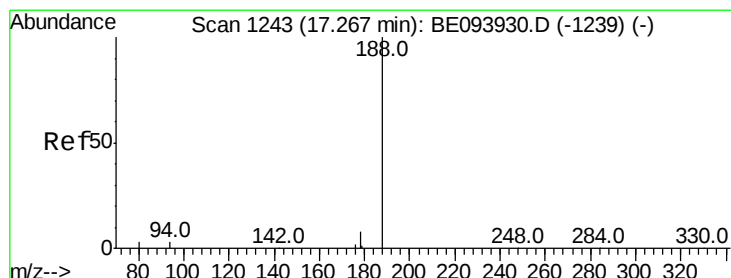
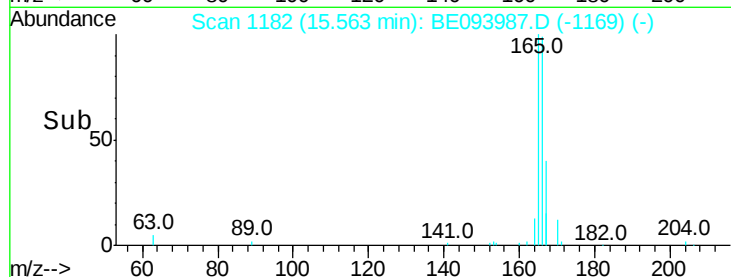
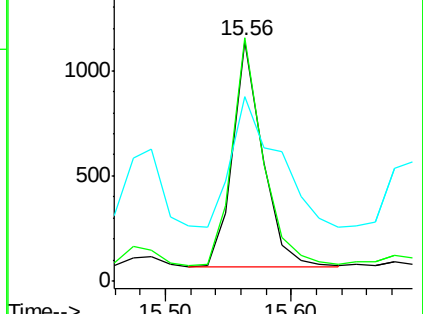
167 89.9 43.5 65.3#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.03 min

Lab File: BE093987.D

Acq: 13 Sep 2017 13:50

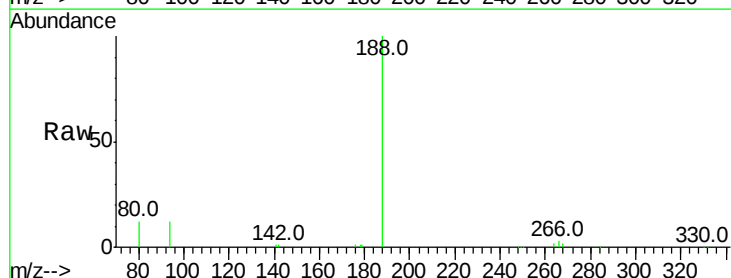
Tgt Ion:188 Resp: 25215

Ion Ratio Lower Upper

188 100

94 12.0 16.1 24.1#

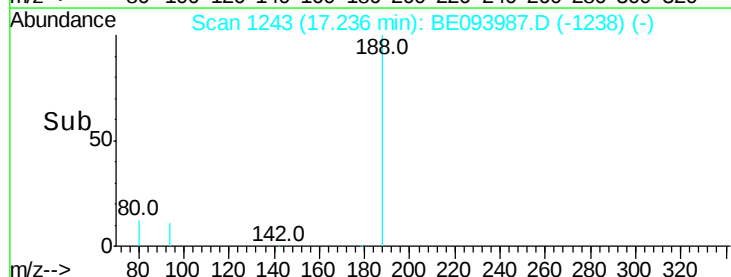
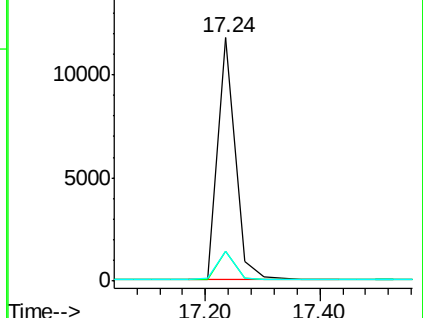
80 12.5 18.2 27.2#

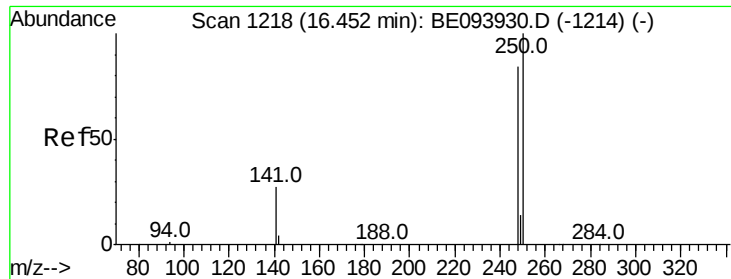


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

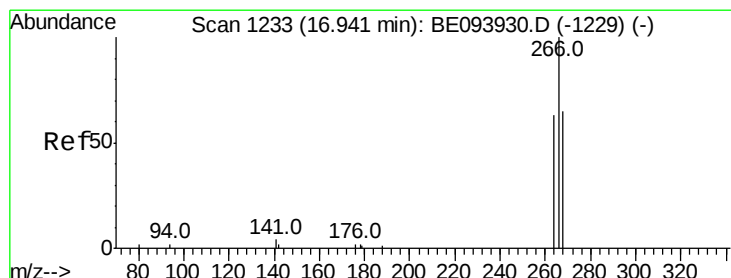
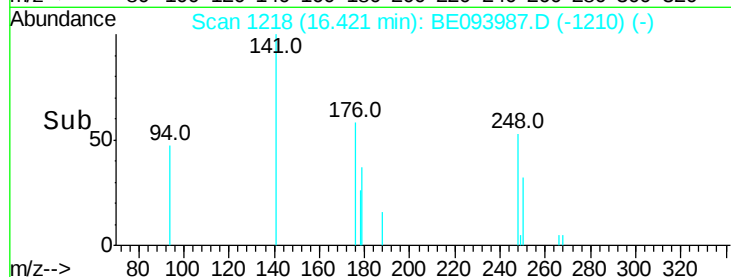
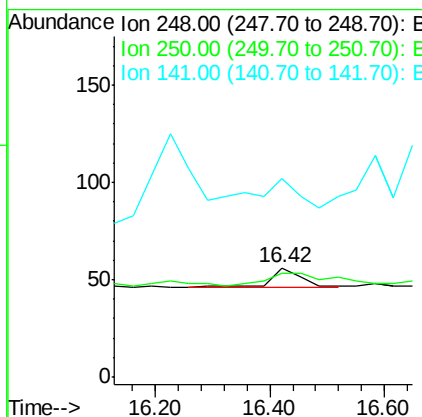
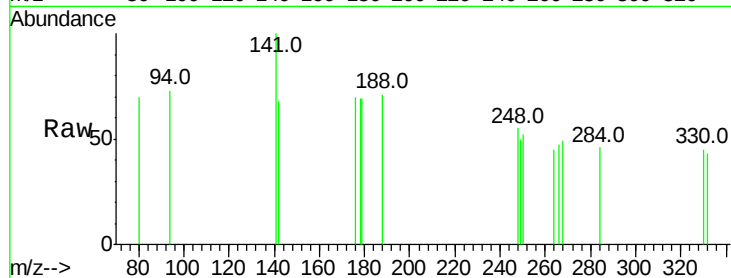




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.42 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BE093987.D
Acq: 13 Sep 2017 13:50

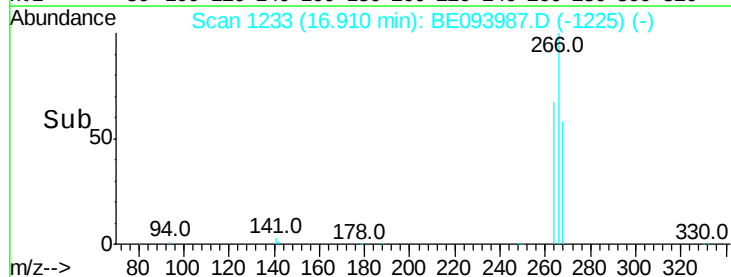
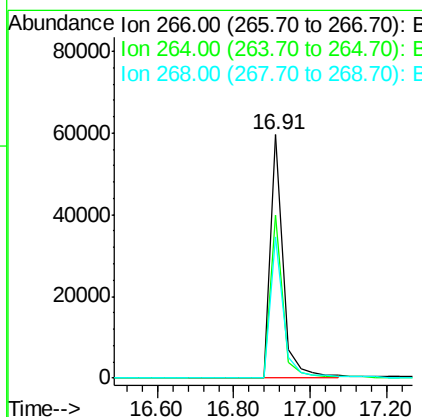
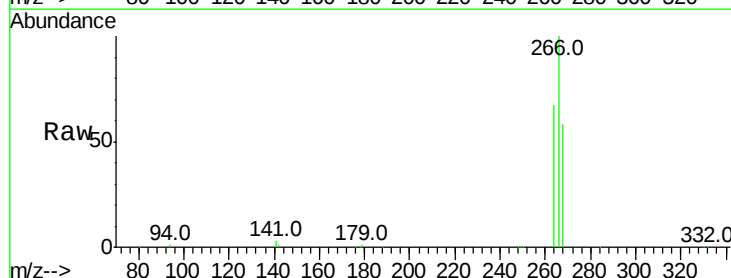
Instrument :
BNA_E
ClientSampled :

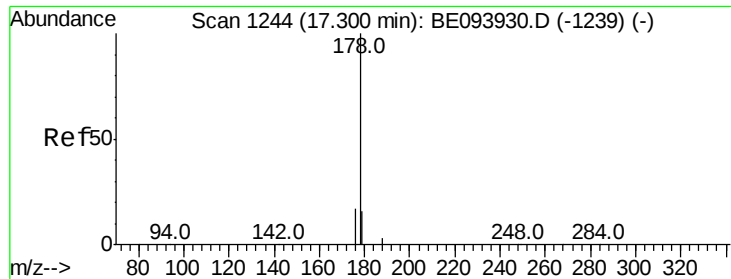
Tot Ion:248 Resp: 41
Ion Ratio Lower Upper
248 100
250 94.6 111.8 167.8#
141 182.1 27.1 40.7#



#22
Pentachlorophenol
Concen: 34.894 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.03 min
Lab File: BE093987.D
Acq: 13 Sep 2017 13:50

Tgt Ion:266 Resp: 139533
Ion Ratio Lower Upper
266 100
264 67.1 53.5 80.3
268 57.8 60.0 90.0#





#23

Phenanthrene

Concen: Below Cal

RT: 17.27 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BE093987.D

Acq: 13 Sep 2017 13:50

Instrument :

BNA_E

ClientSampleId :

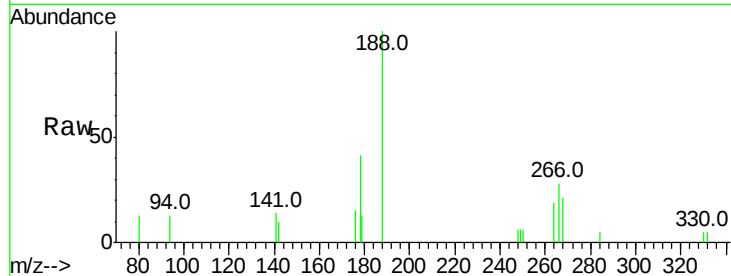
Tot Ion:178 Resp: 851

Ion Ratio Lower Upper

178 100

176 29.4 0.0 0.0#

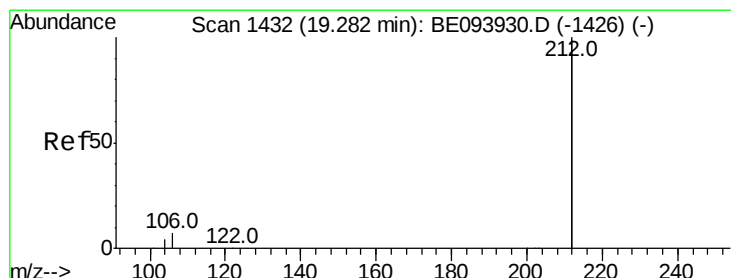
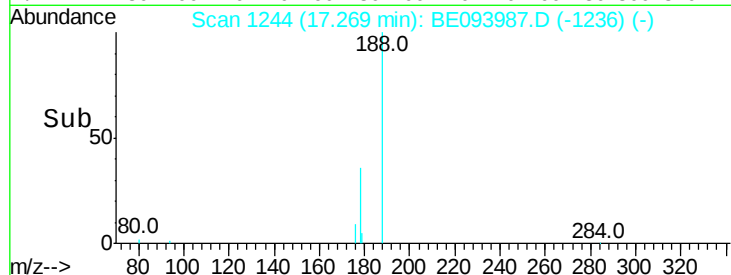
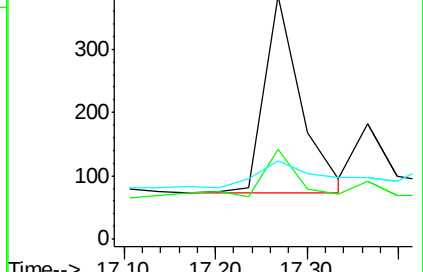
179 22.8 12.6 18.8#



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: 0.152 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE093987.D

Acq: 13 Sep 2017 13:50

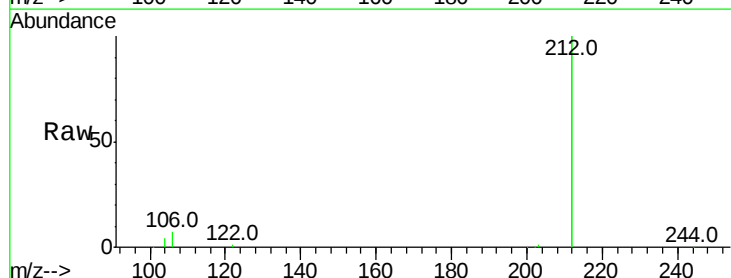
Tgt Ion:212 Resp: 57024

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

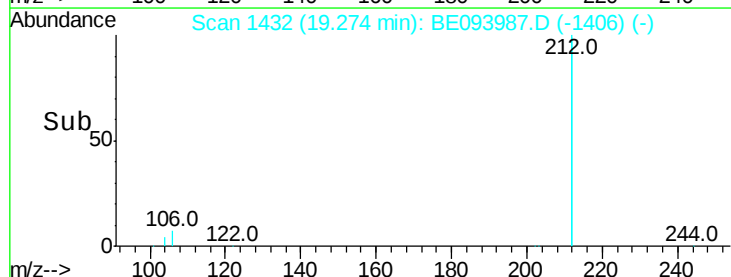
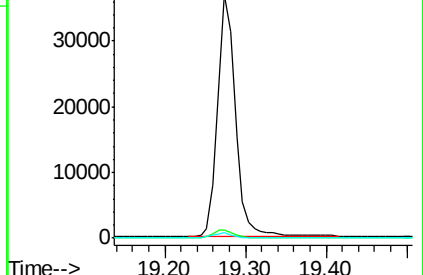
104 2.0 1.6 2.4

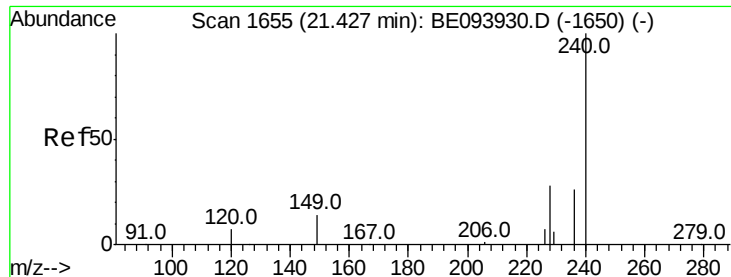


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.41 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093987.D

Acq: 13 Sep 2017 13:50

Instrument :

BNA_E

ClientSampleId :

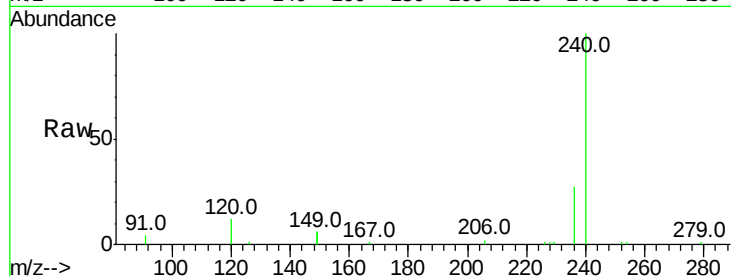
Tot Ion:240 Resp: 22236

Ion Ratio Lower Upper

240 100

120 11.6 8.7 13.1

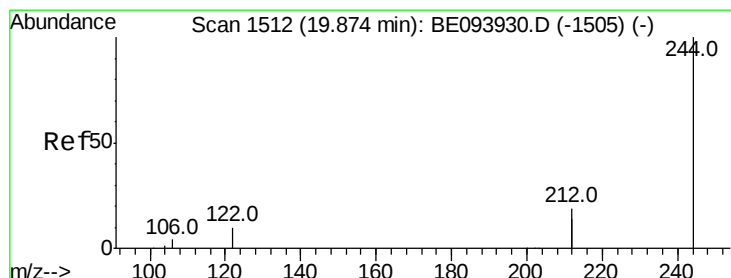
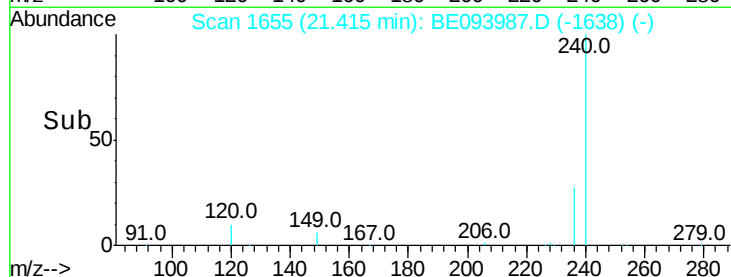
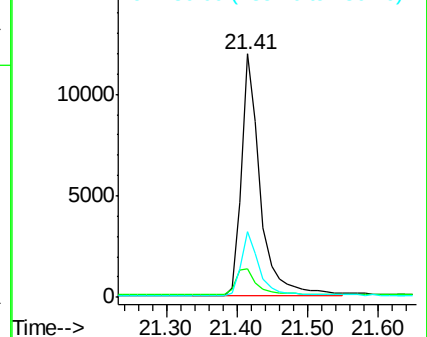
236 27.1 21.3 31.9



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: 0.275 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.02 min

Lab File: BE093987.D

Acq: 13 Sep 2017 13:50

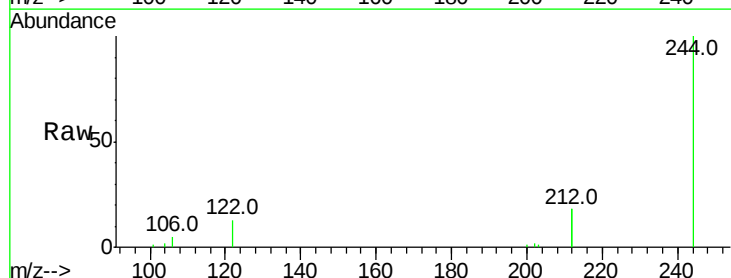
Tgt Ion:244 Resp: 11250

Ion Ratio Lower Upper

244 100

212 35.3 28.3 42.5

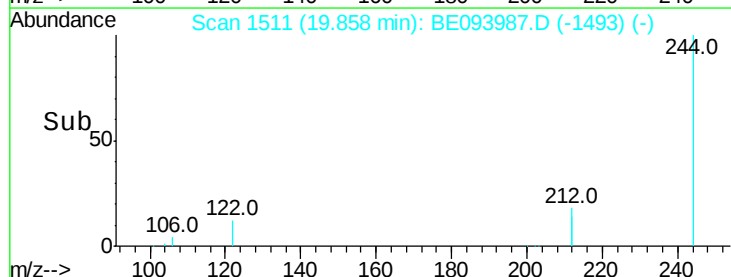
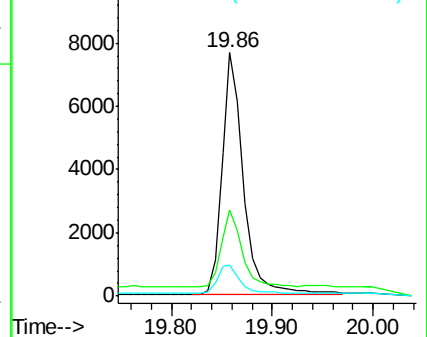
122 13.0 9.4 14.0

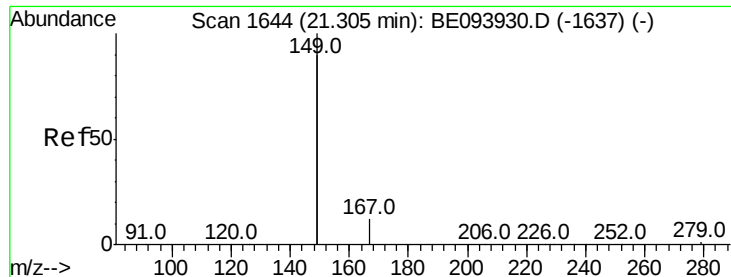


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.120 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.01 min

Lab File: BE093987.D

Acq: 13 Sep 2017 13:50

Instrument :

BNA_E

ClientSampleId :

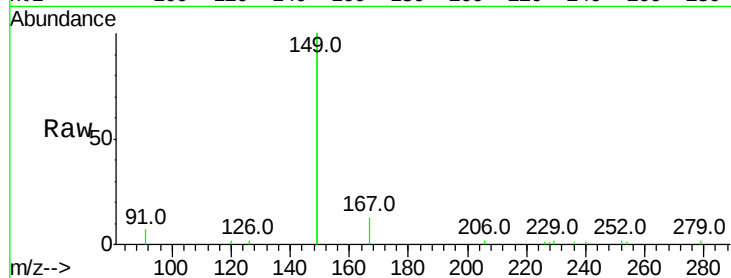
Tot Ion:149 Resp: 19913

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

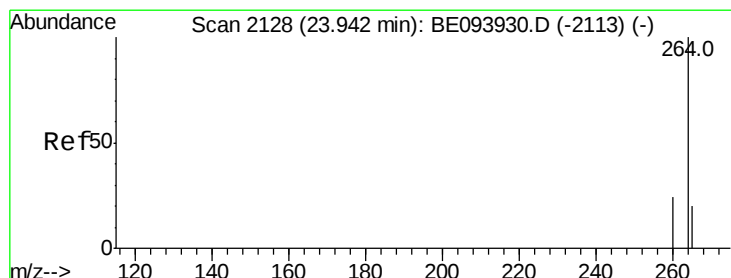
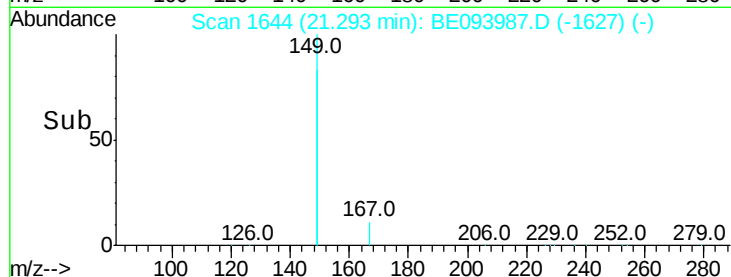
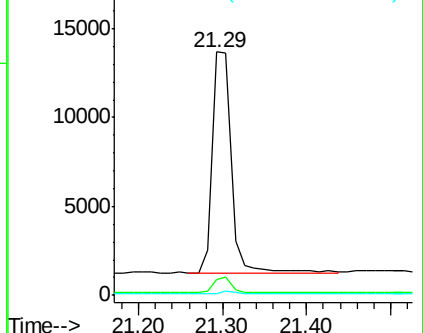
279 1.0 0.7 1.1



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: 23.93 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BE093987.D

Acq: 13 Sep 2017 13:50

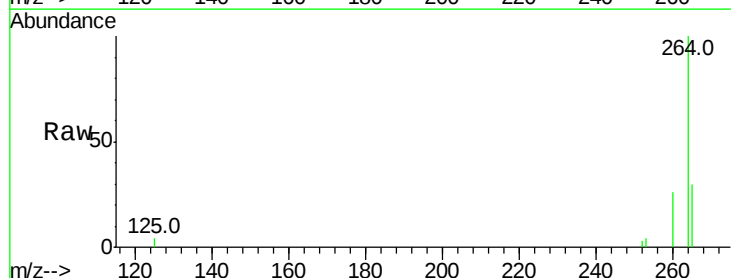
Tgt Ion:264 Resp: 16921

Ion Ratio Lower Upper

264 100

260 25.8 20.0 30.0

265 30.0 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

