

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080317\
 Data File : BE093658.D
 Acq On : 3 Aug 2017 15:10
 Operator : SJ/JU
 Sample : I4426-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 04 04:13:21 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

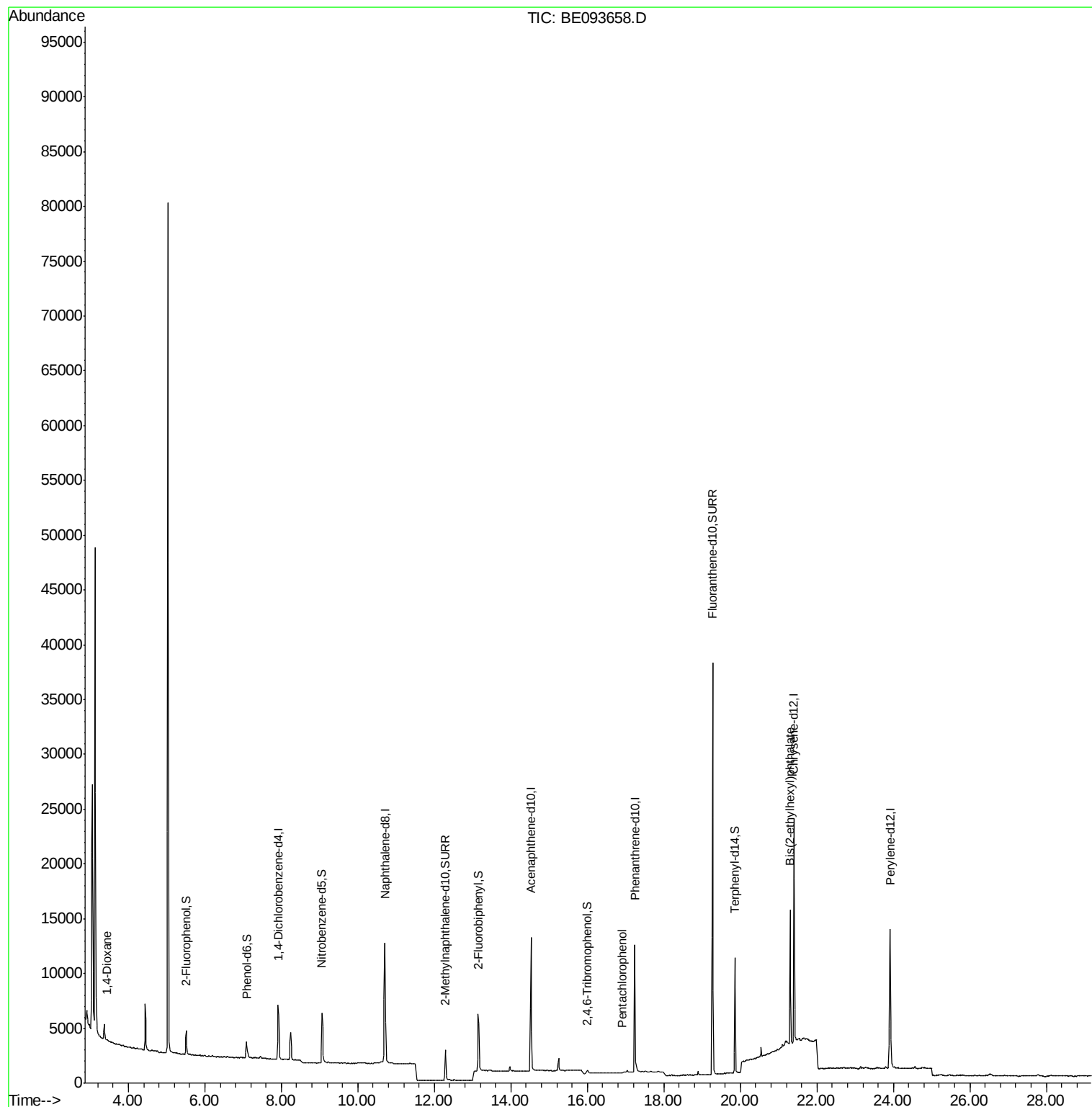
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2558	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	12872	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7491	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	19279	0.40	ng	0.00
27) Chrysene-d12	21.40	240	21994	0.40	ng	-0.01
34) Perylene-d12	23.91	264	20163	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1209	0.16	ng	0.00
5) Phenol-d6	7.10	99	1717	0.15	ng	0.00
8) Nitrobenzene-d5	9.06	82	2192	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4270	0.21	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	295	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6210	0.21	ng	-0.02
25) Fluoranthene-d10	19.27	212	49890	0.23	ng	0.00
29) Terphenyl-d14	19.86	244	8958	0.23	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.44	88	237	0.057	ng	# 20
21) Hexachlorobenzene	16.58	284	2	Below Cal		# 100
22) Pentachlorophenol	16.91	266	4	0.151	ng	# 56
32) Bis(2-ethylhexyl)phthalate	21.30	149	13075	0.148	ng	# 97

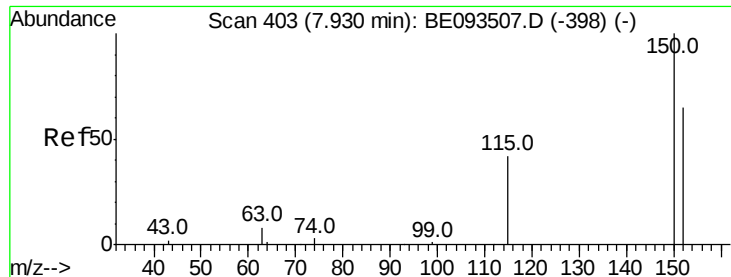
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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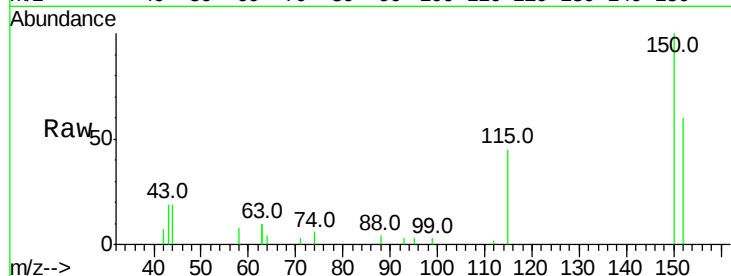


#1

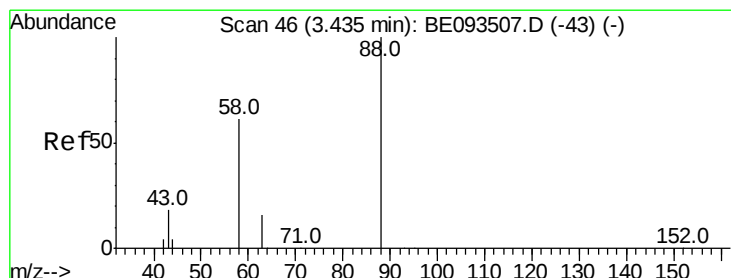
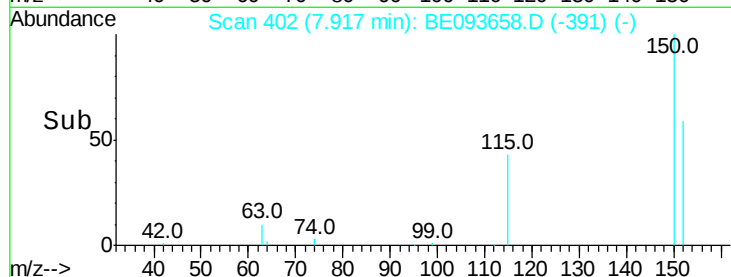
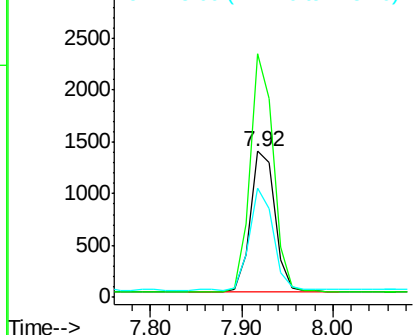
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093658.D
Acq: 3 Aug 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2558
Ion Ratio Lower Upper
152 100
150 166.7 125.1 187.7
115 74.8 55.7 83.5



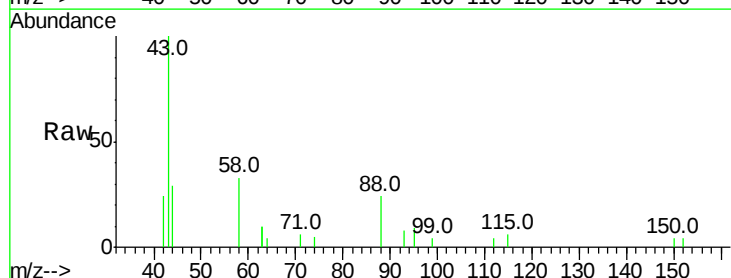
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



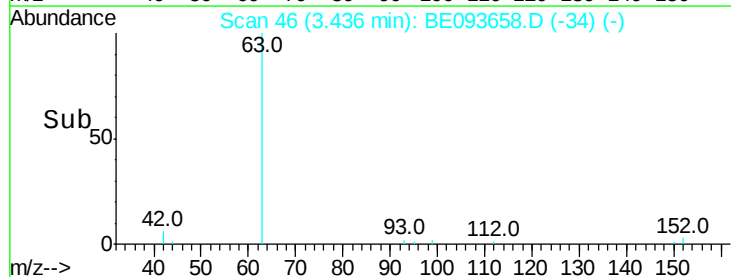
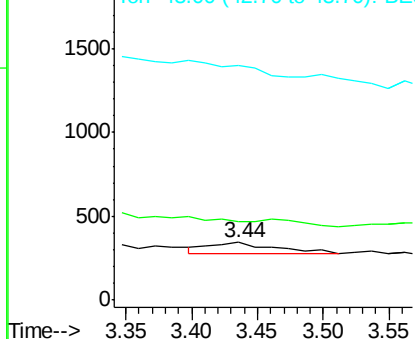
#2

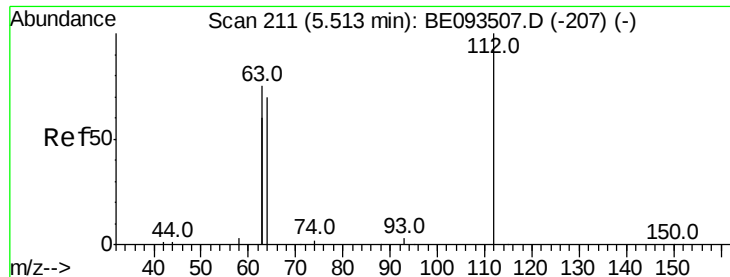
1,4-Dioxane
Concen: 0.057 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE093658.D
Acq: 3 Aug 2017 15:10

Tgt Ion: 88 Resp: 237
Ion Ratio Lower Upper
88 100
58 0.0 62.2 93.4#
43 0.0 23.2 34.8#



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





#4

2-Fluorophenol

Concen: 0.159 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093658.D

Acq: 3 Aug 2017 15:10

Instrument :

BNA_E

ClientSampleId :

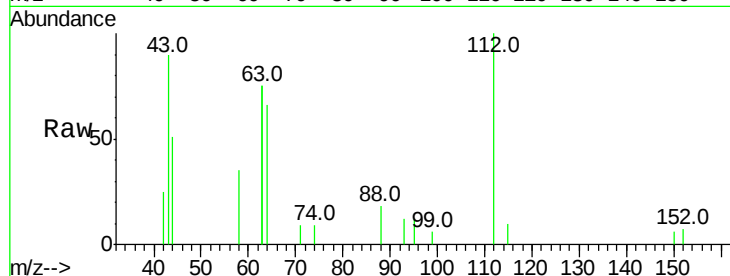
Tot Ion:112 Resp: 1209

Ion Ratio Lower Upper

112 100

64 71.0 56.4 84.6

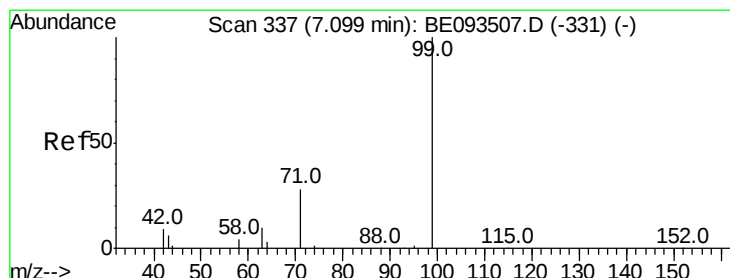
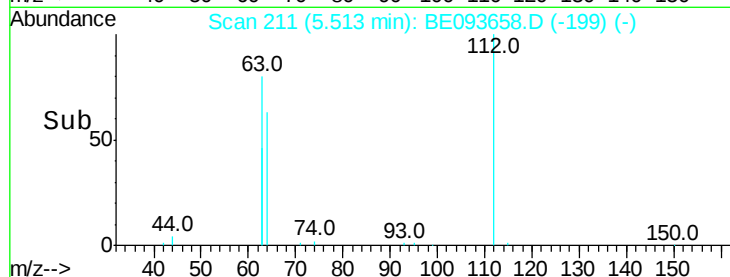
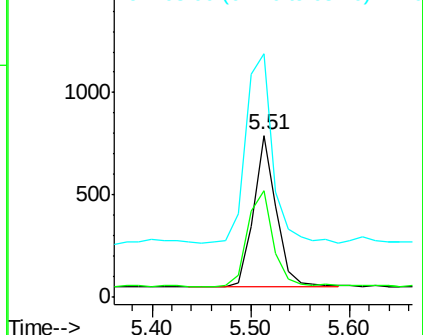
63 142.6 29.3 43.9#



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: 0.150 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093658.D

Acq: 3 Aug 2017 15:10

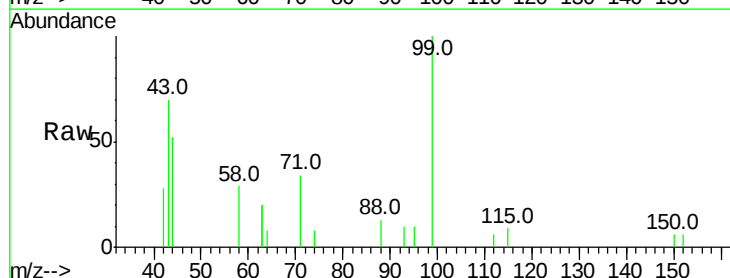
Tgt Ion: 99 Resp: 1717

Ion Ratio Lower Upper

99 100

42 17.9 0.0 0.0#

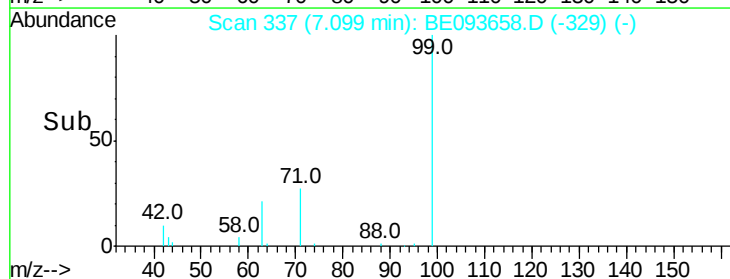
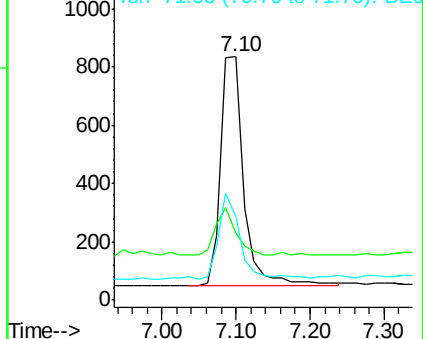
71 32.3 0.0 0.0#

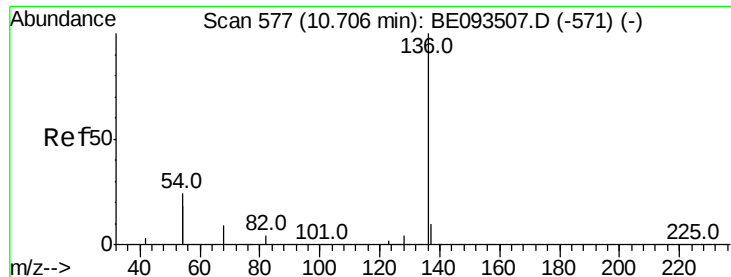


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE093658.D

Acq: 3 Aug 2017 15:10

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 12872

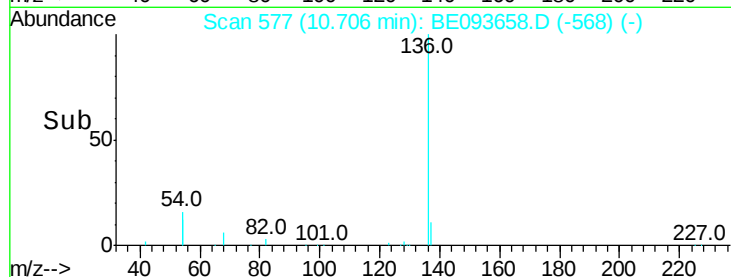
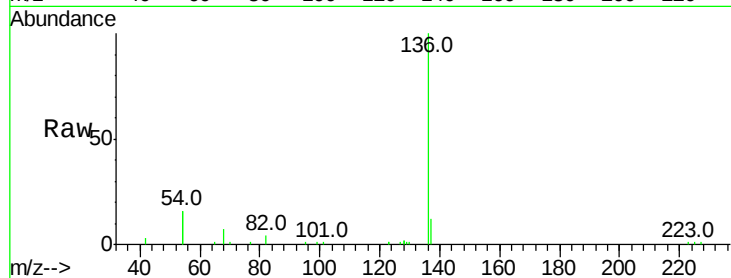
Ion Ratio Lower Upper

136 100

137 11.5 9.8 14.8

54 31.5 10.3 15.5#

68 6.7 9.0 13.4#



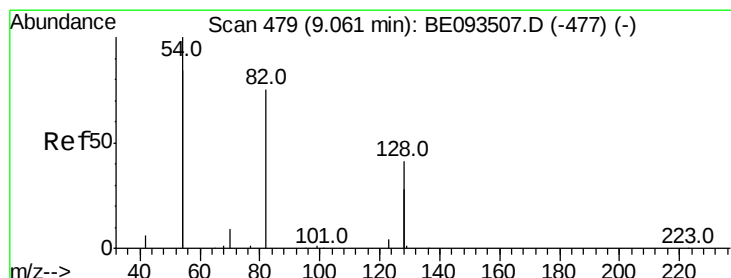
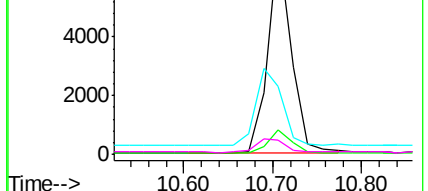
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.223 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093658.D

Acq: 3 Aug 2017 15:10

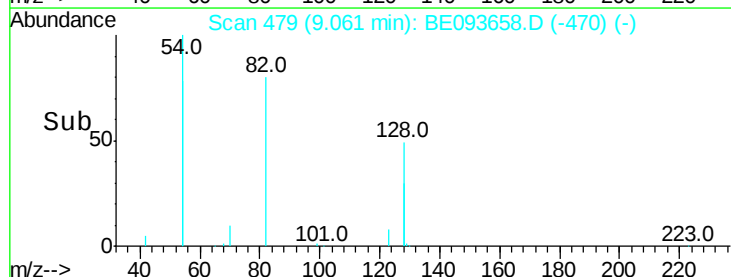
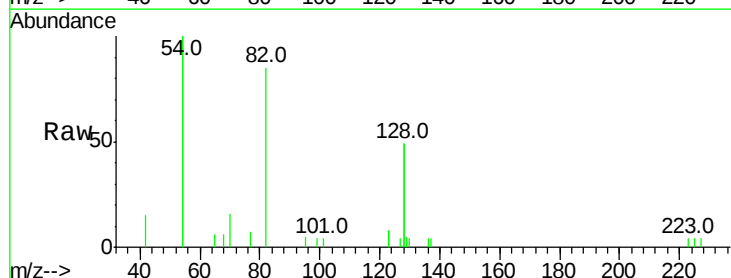
Tgt Ion: 82 Resp: 2192

Ion Ratio Lower Upper

82 100

128 115.0 17.0 25.4#

54 234.2 53.8 80.6#

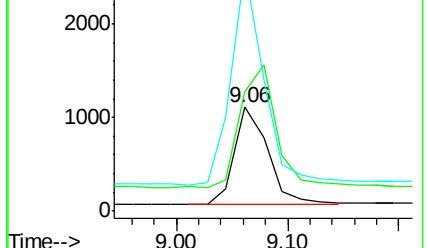


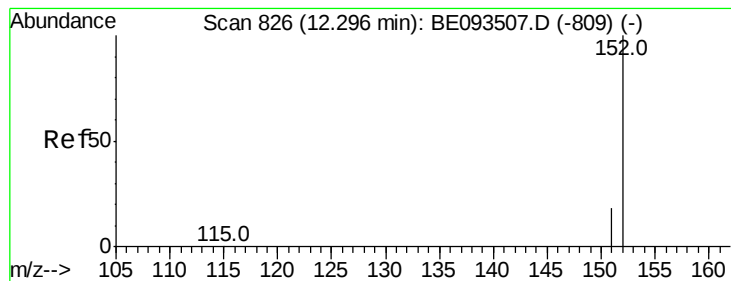
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.210 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093658.D

Acq: 3 Aug 2017 15:10

Instrument :

BNA_E

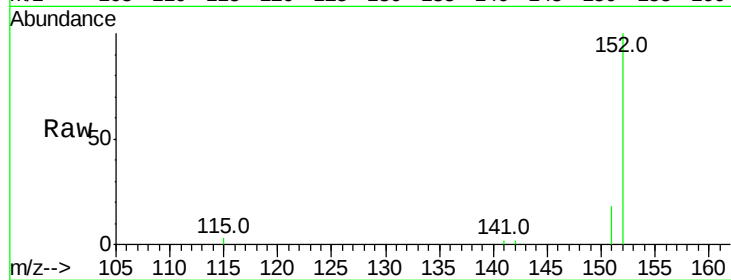
ClientSampled :

Tot Ion:152 Resp: 4270

Ion Ratio Lower Upper

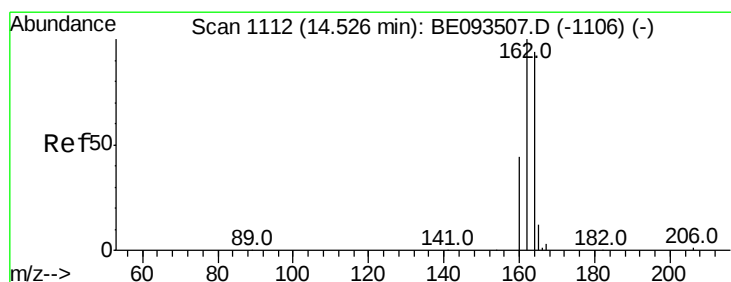
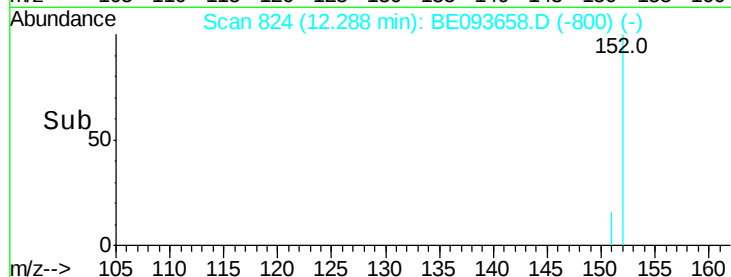
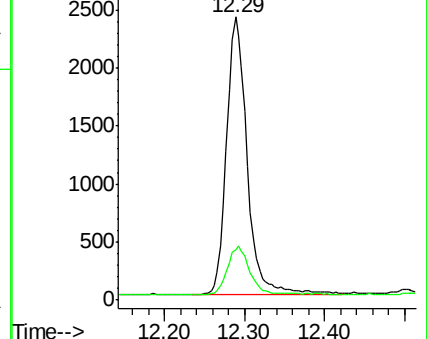
152 100

151 18.8 15.1 22.7



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: 14.53 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093658.D

Acq: 3 Aug 2017 15:10

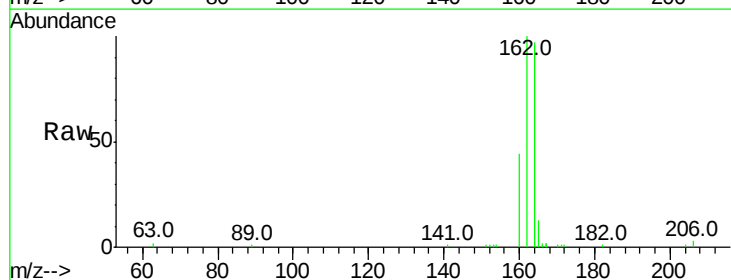
Tgt Ion:164 Resp: 7491

Ion Ratio Lower Upper

164 100

162 103.1 84.6 127.0

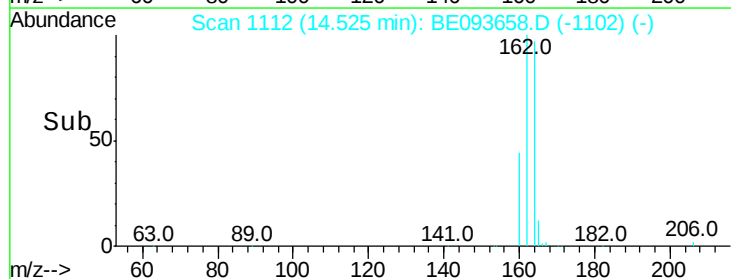
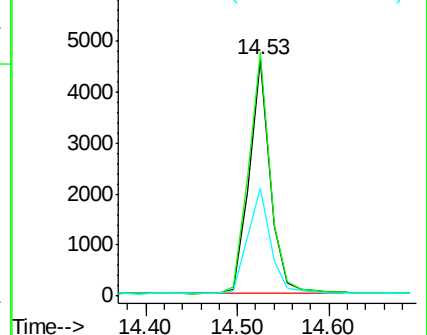
160 45.8 41.8 62.6

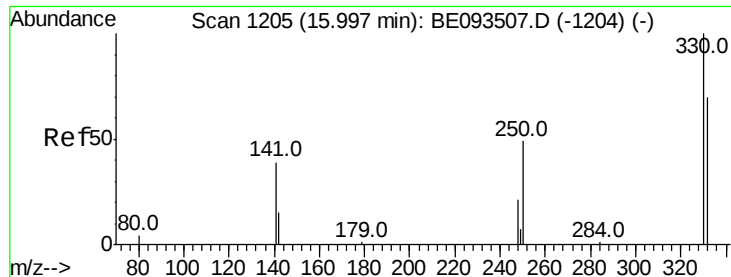


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

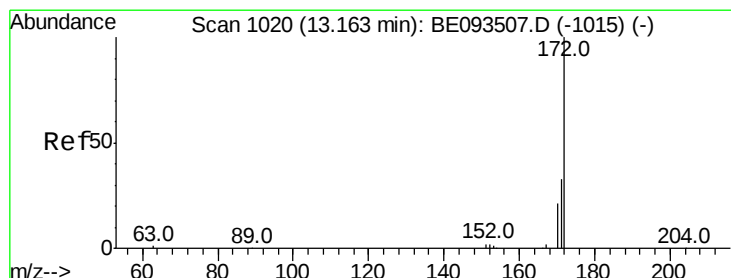
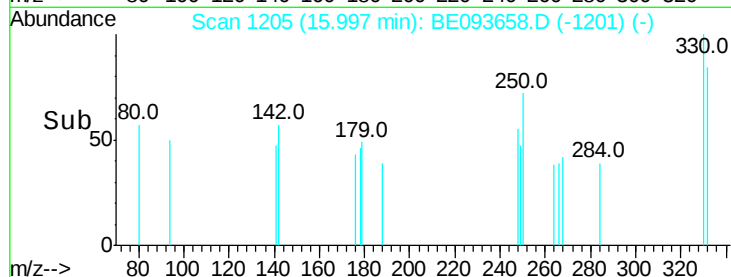
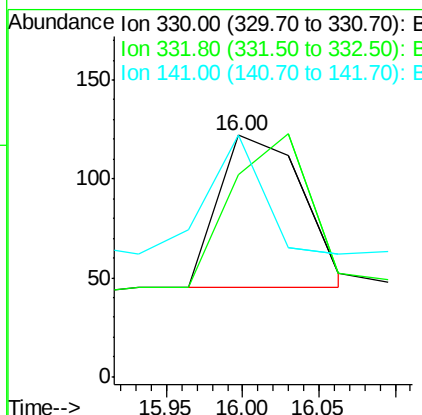
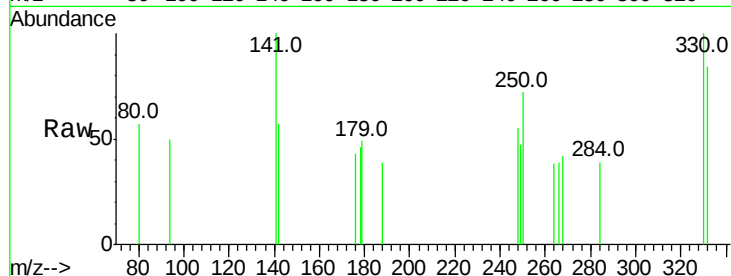




#14
 2,4,6-Tribromophenol
 Concen: 0.239 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093658.D
 Acq: 3 Aug 2017 15:10

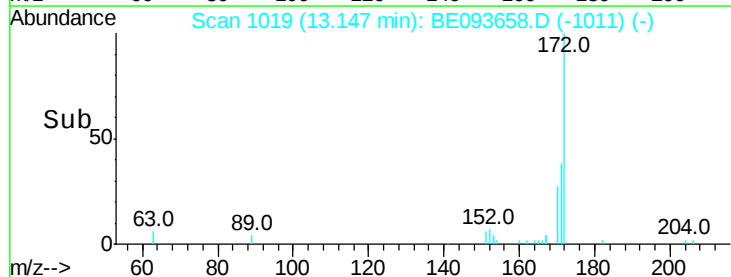
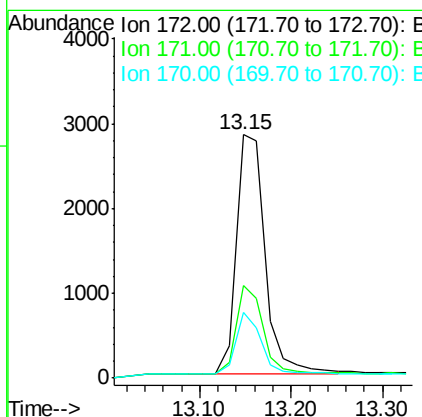
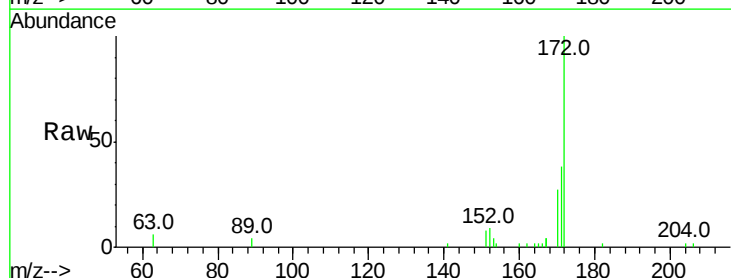
Instrument :
 BNA_E
 ClientSampled :

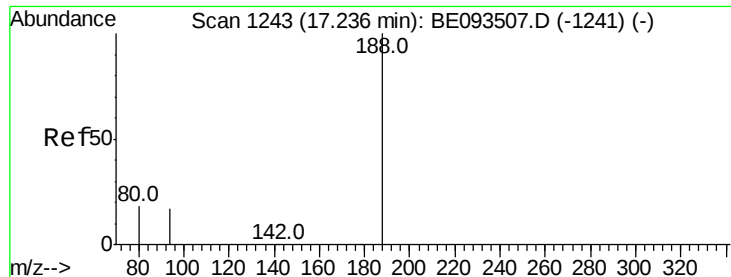
Tot Ion:330 Resp: 295
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.7 116.5#
 141 49.8 56.2 84.4#



#15
 2-Fluorobiphenyl
 Concen: 0.207 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. -0.02 min
 Lab File: BE093658.D
 Acq: 3 Aug 2017 15:10

Tgt Ion:172 Resp: 6210
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.8 44.6
 170 27.0 20.7 31.1

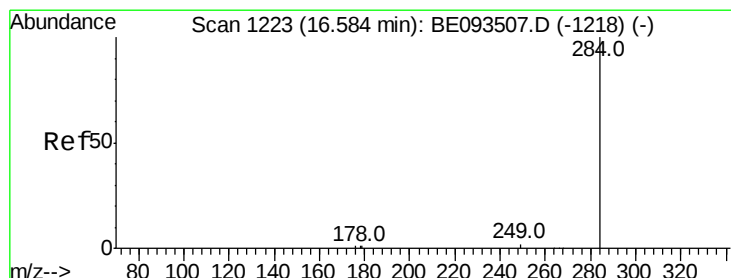
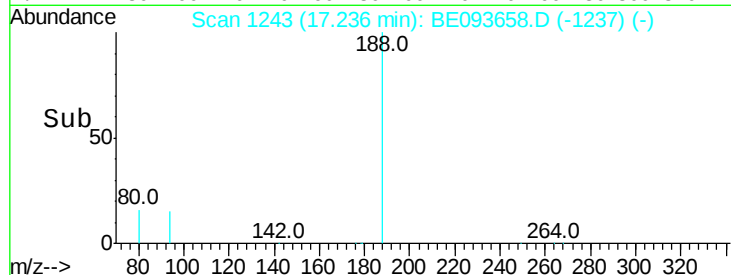
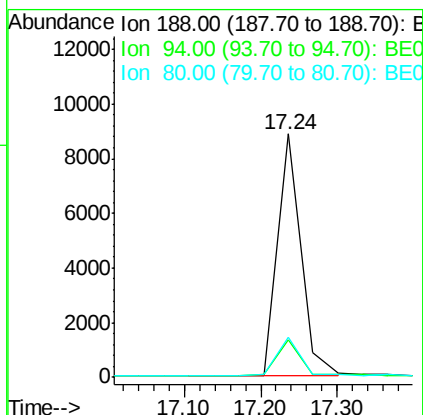
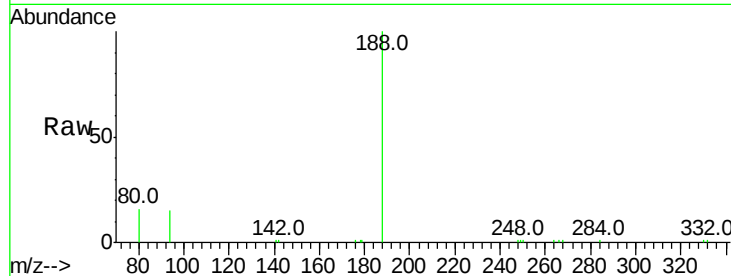




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093658.D
Acq: 3 Aug 2017 15:10

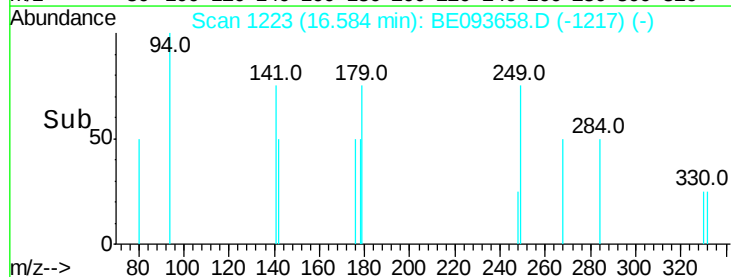
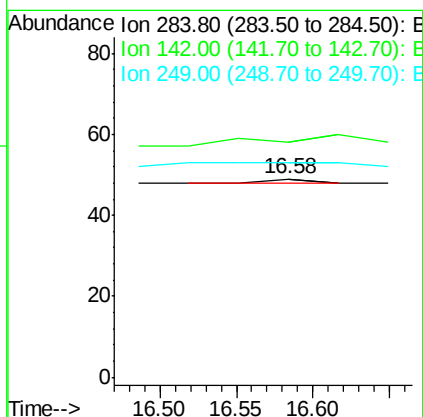
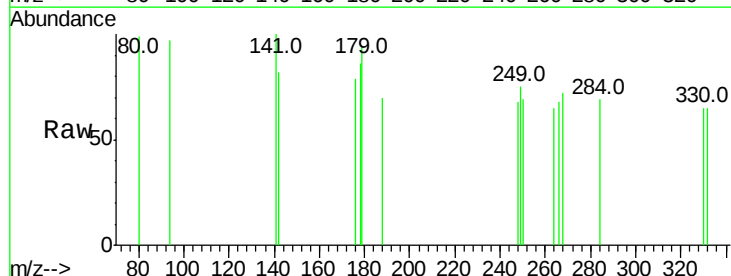
Instrument :
BNA_E
ClientSampleId :

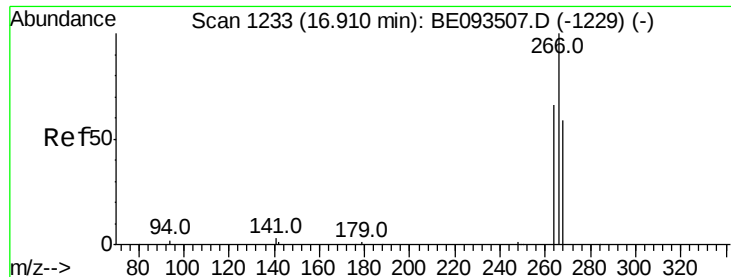
Tot Ion:188 Resp: 19279
Ion Ratio Lower Upper
188 100
94 15.4 11.3 16.9
80 16.4 11.7 17.5



#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093658.D
Acq: 3 Aug 2017 15:10

Tgt Ion:284 Resp: 2
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

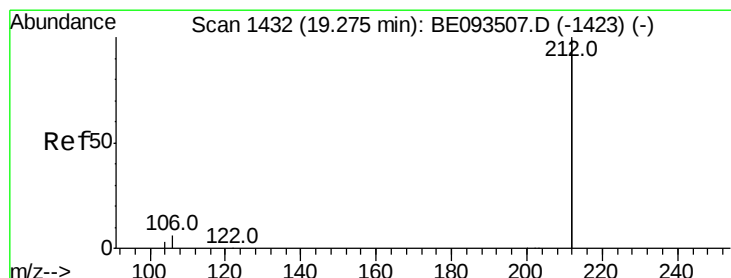
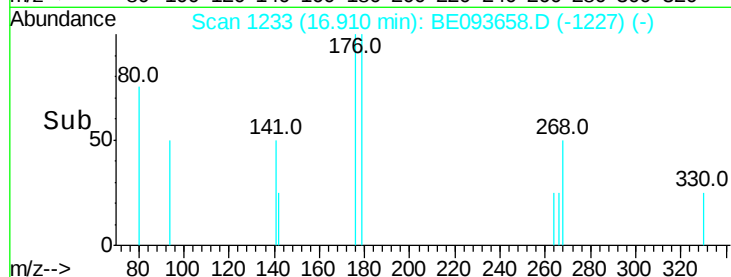
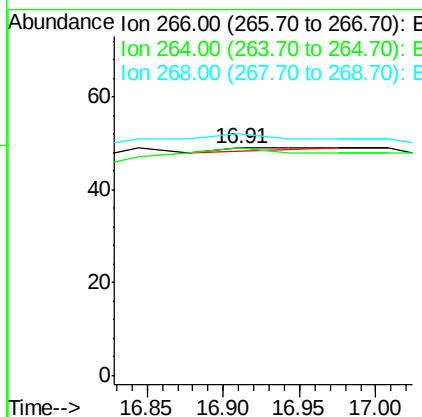
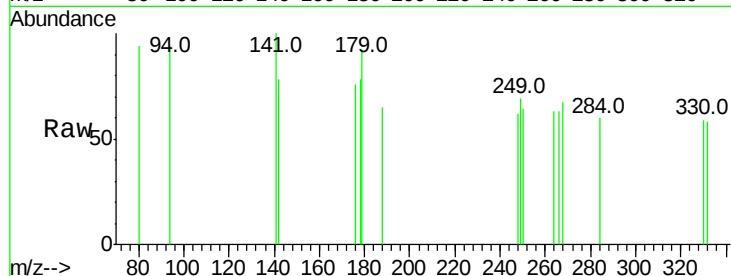




#22
 Pentachlorophenol
 Concen: 0.151 ng
 RT: 16.91 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BE093658.D
 Acq: 3 Aug 2017 15:10

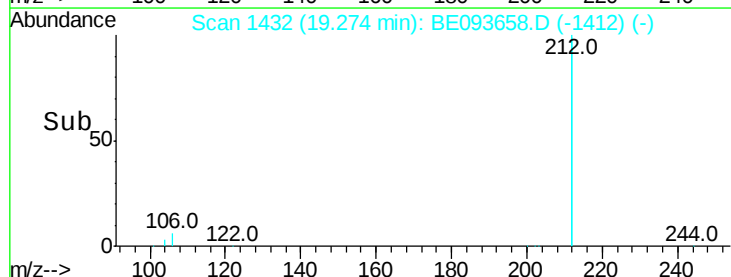
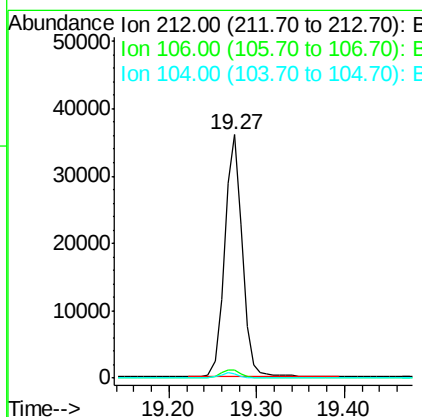
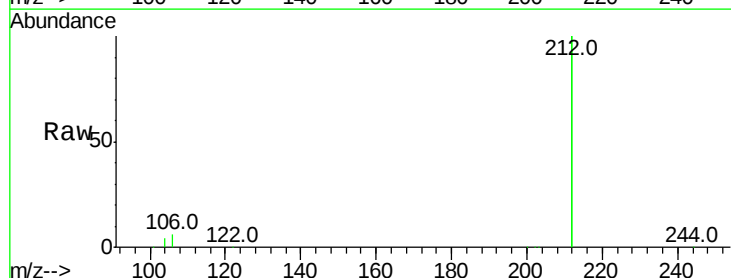
Instrument :
 BNA_E
 ClientSampleId :

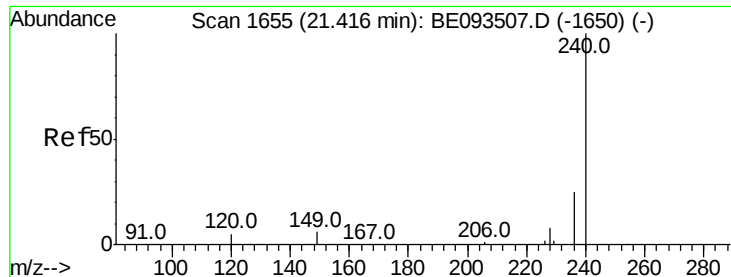
Tot Ion:266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 264 100.0 56.0 84.0#
 268 106.1 52.0 78.0#



#25
 Fluoranthene-d10
 Concen: 0.228 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BE093658.D
 Acq: 3 Aug 2017 15:10

Tgt Ion:212 Resp: 49890
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.4 3.6
 104 1.9 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093658.D

Acq: 3 Aug 2017 15:10

Instrument :

BNA_E

ClientSampleId :

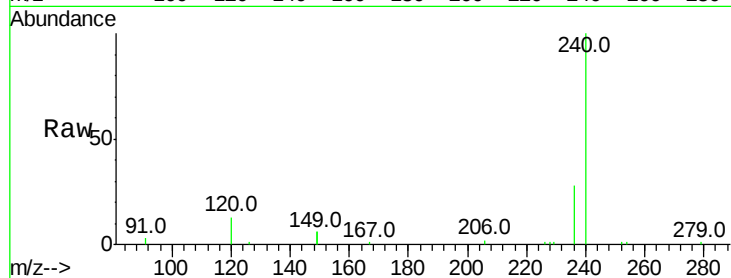
Tot Ion:240 Resp: 21994

Ion Ratio Lower Upper

240 100

120 13.3 4.6 7.0#

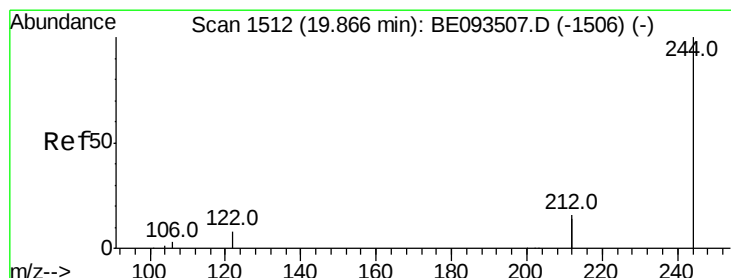
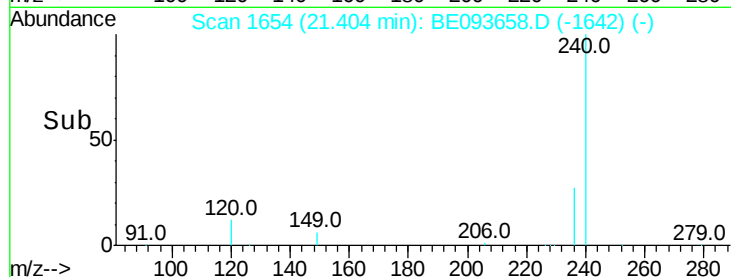
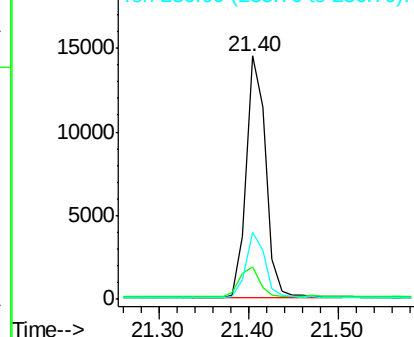
236 27.7 20.8 31.2



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: 0.227 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093658.D

Acq: 3 Aug 2017 15:10

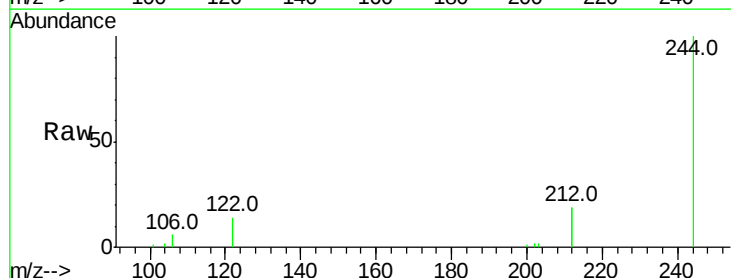
Tgt Ion:244 Resp: 8958

Ion Ratio Lower Upper

244 100

212 37.4 10.6 16.0#

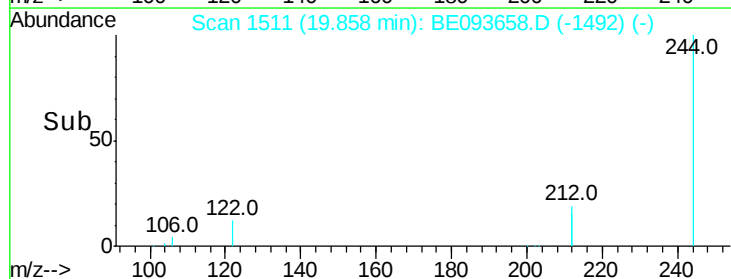
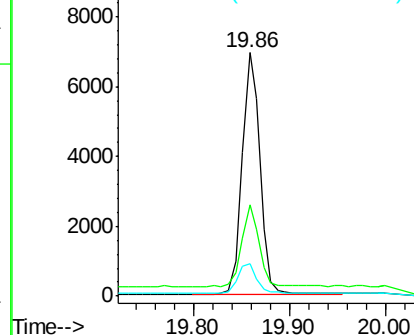
122 13.5 15.4 23.0#

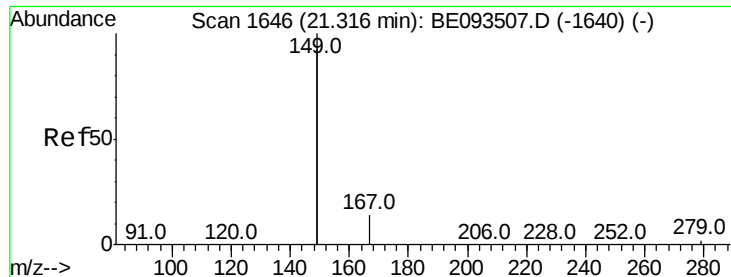


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.148 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093658.D

Acq: 3 Aug 2017 15:10

Instrument :

BNA_E

ClientSampleId :

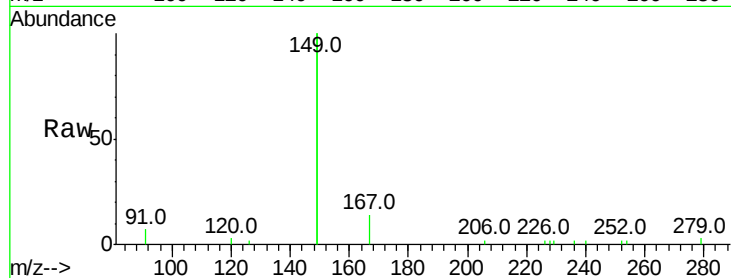
Tot Ion:149 Resp: 13075

Ion Ratio Lower Upper

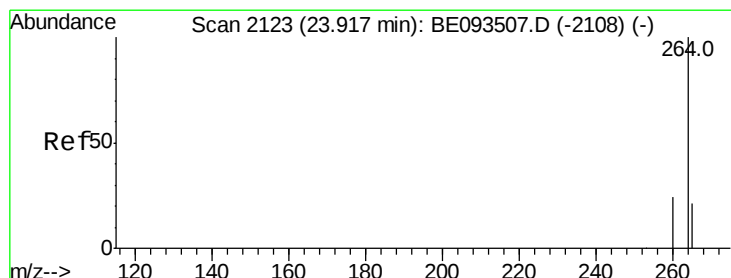
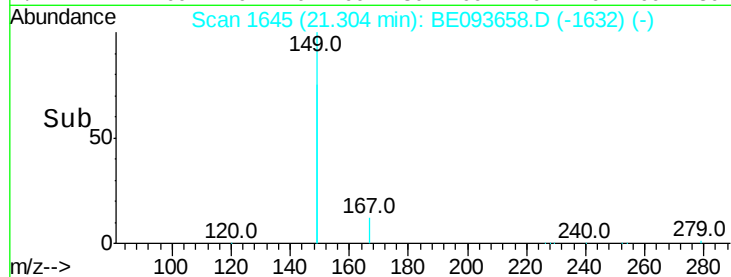
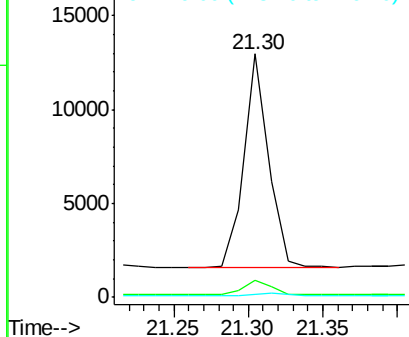
149 100

167 7.2 4.8 7.2#

279 1.0 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. -0.00 min

Lab File: BE093658.D

Acq: 3 Aug 2017 15:10

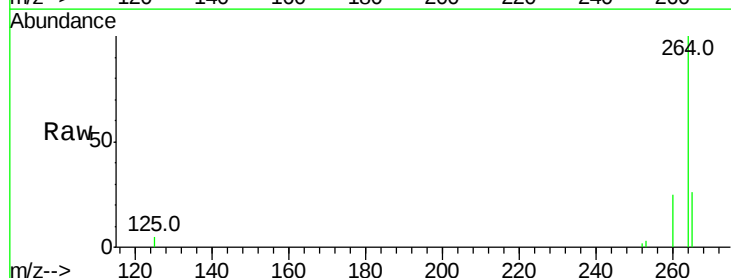
Tgt Ion:264 Resp: 20163

Ion Ratio Lower Upper

264 100

260 25.3 21.0 31.4

265 26.2 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

