

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072017\
 Data File : BE093497.D
 Acq On : 20 Jul 2017 12:26
 Operator : SJ/JU
 Sample : I4199-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 20 18:06:50 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

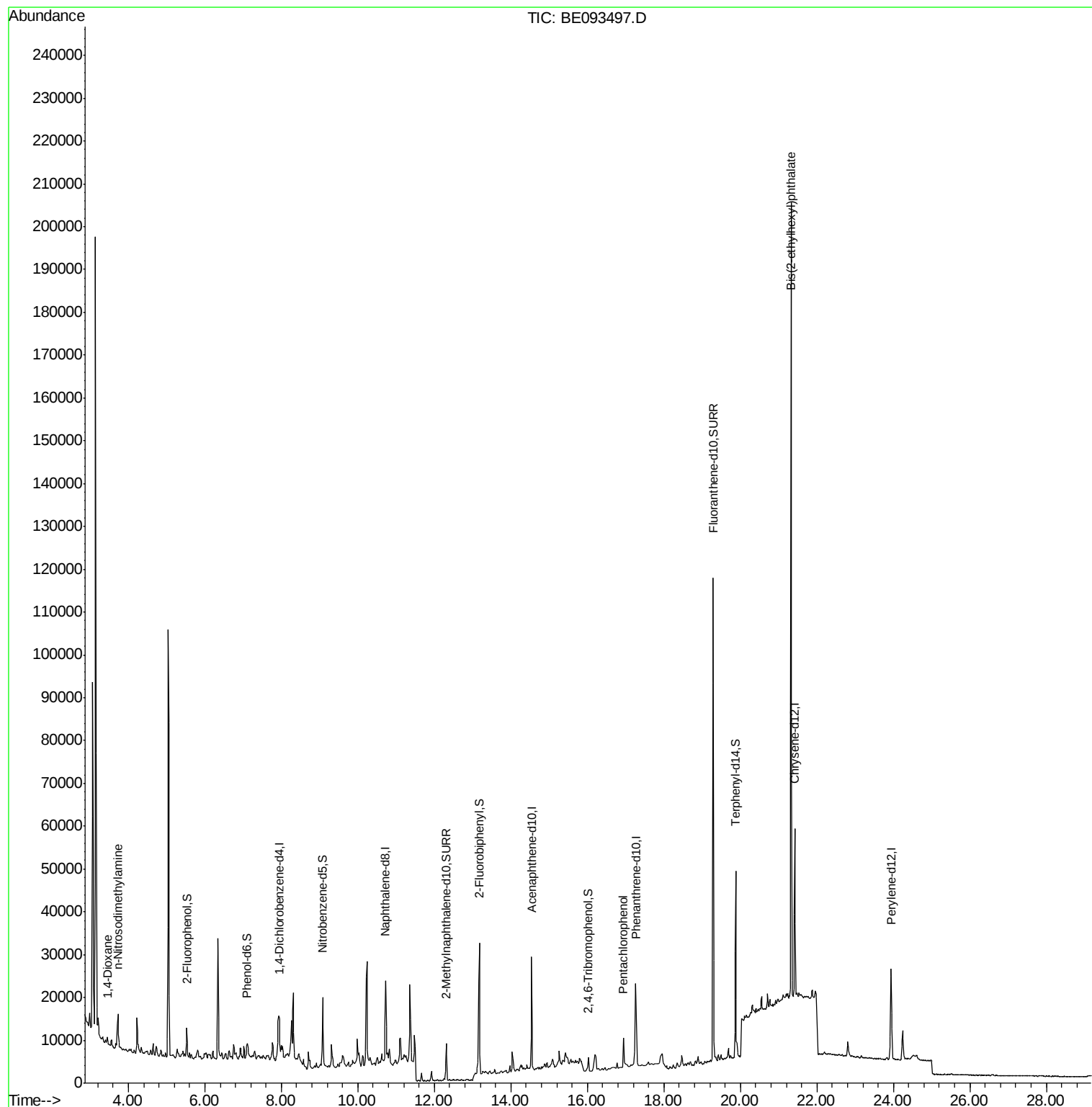
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3849	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	21905	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	14348	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	37178	0.40	ng	0.00
27) Chrysene-d12	21.43	240	38290	0.40	ng	0.00
34) Perylene-d12	23.94	264	32271	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	3211	0.28	ng	0.00
5) Phenol-d6	7.11	99	3621	0.21	ng	0.01
8) Nitrobenzene-d5	9.08	82	6416	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	11851	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	3068	0.68	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	30014	0.54	ng	0.00
25) Fluoranthene-d10	19.29	212	148876	0.33	ng	0.00
29) Terphenyl-d14	19.87	244	36005	0.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.46	88	244	0.030	ng	# 1
3) n-Nitrosodimethylamine	3.73	42	1568	0.388	ng	# 1
22) Pentachlorophenol	16.94	266	7866	2.087	ng	# 16
32) Bis(2-ethylhexyl)phthalate	21.33	149	197118	1.324	ng	# 67

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072017\
Data File : BE093497.D
Acq On : 20 Jul 2017 12:26
Operator : SJ/JU
Sample : I4199-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 20 18:06:50 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration

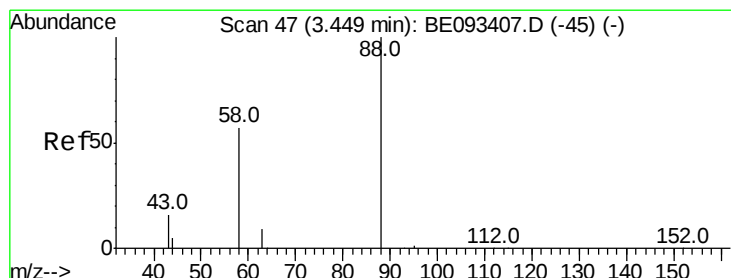
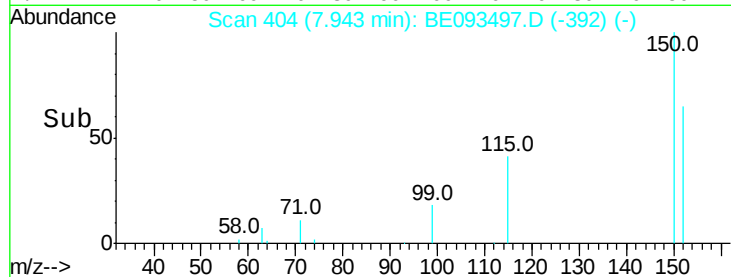
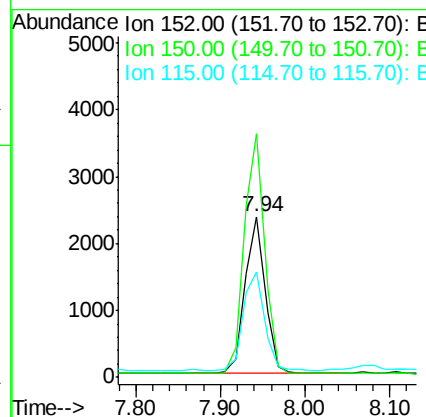
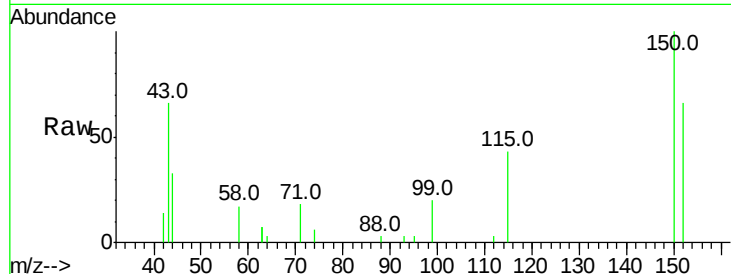




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.94 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BE093497.D
 Acq: 20 Jul 2017 12:26

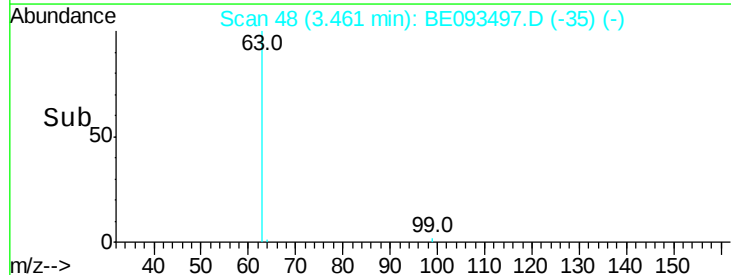
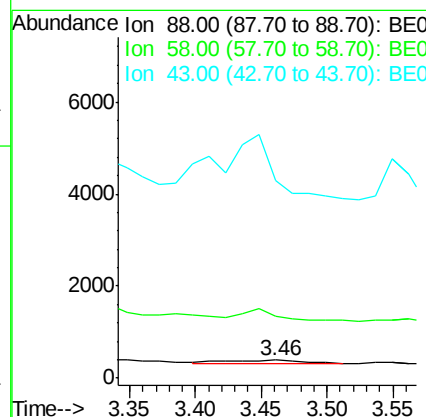
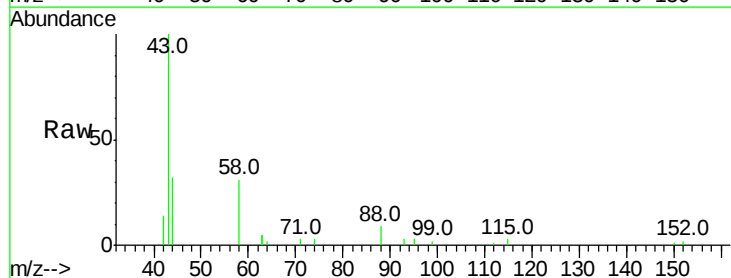
Instrument :
 BNA_E
 ClientSampled :

Tot Ion:152 Resp: 3849
 Ion Ratio Lower Upper
 152 100
 150 151.8 125.1 187.7
 115 65.4 55.7 83.5



#2
 1,4-Dioxane
 Concen: 0.030 ng
 RT: 3.46 min Scan# 48
 Delta R.T. 0.01 min
 Lab File: BE093497.D
 Acq: 20 Jul 2017 12:26

Tgt Ion: 88 Resp: 244
 Ion Ratio Lower Upper
 88 100
 58 237.3 62.2 93.4#
 43 1895.9 23.2 34.8#



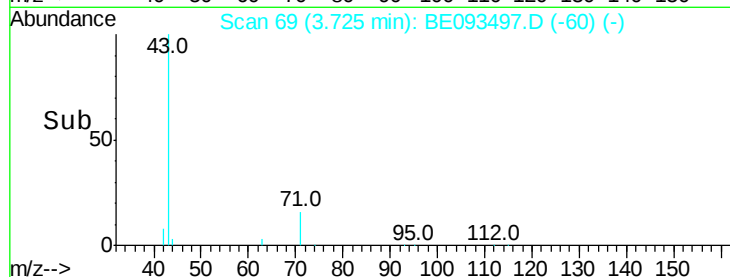
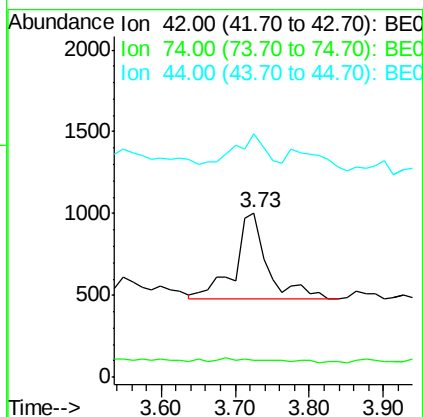
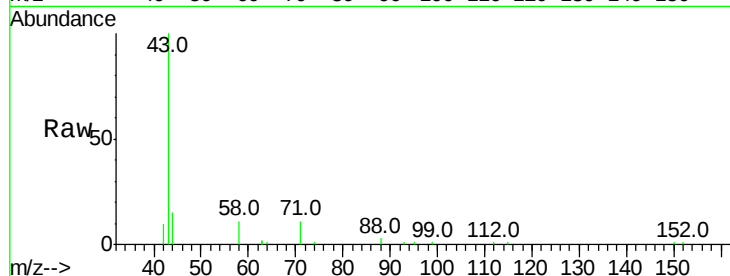


#3

n-Nitrosodimethylamine
 Concen: 0.388 ng
 RT: 3.73 min Scan# 69
 Delta R.T. -0.04 min
 Lab File: BE093497.D
 Acq: 20 Jul 2017 12:26

Instrument :
 BNA_E
 ClientSampleId :

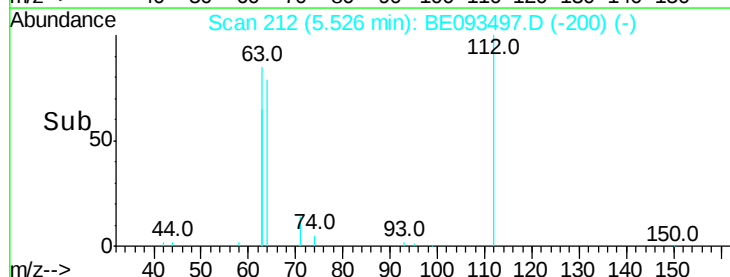
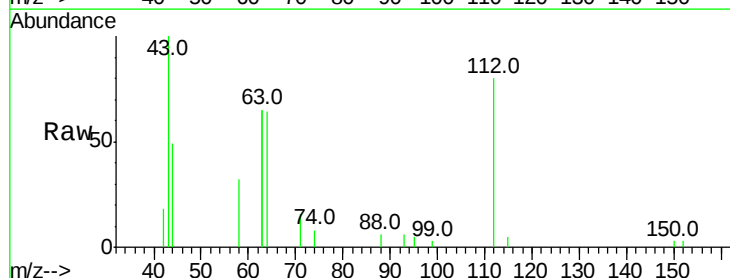
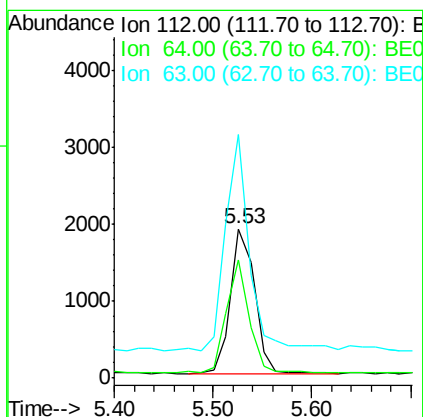
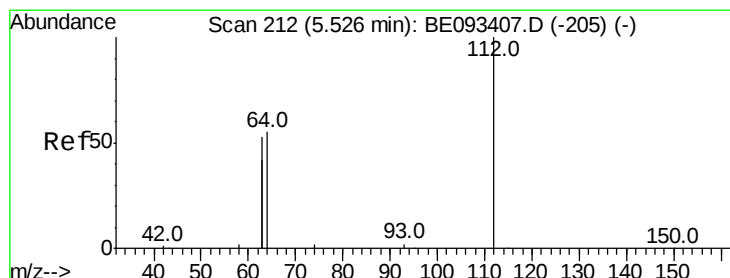
Tot Ion: 42 Resp: 1568
 Ion Ratio Lower Upper
 42 100
 74 0.0 99.1 148.7#
 44 35.0 7.4 11.2#

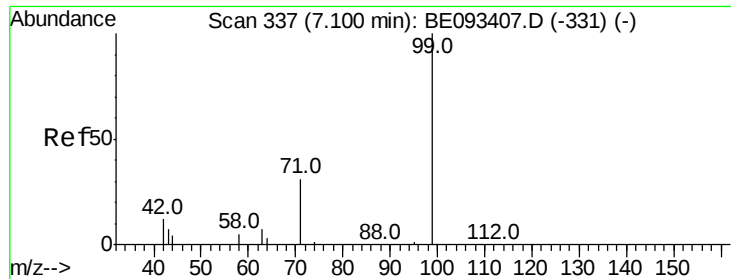


#4

2-Fluorophenol
 Concen: 0.276 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093497.D
 Acq: 20 Jul 2017 12:26

Tgt Ion: 112 Resp: 3211
 Ion Ratio Lower Upper
 112 100
 64 72.3 56.4 84.6
 63 150.5 29.3 43.9#





#5

Phenol-d6

Concen: 0.211 ng

RT: 7.11 min Scan# 338

Delta R.T. 0.01 min

Lab File: BE093497.D

Acq: 20 Jul 2017 12:26

Instrument :

BNA_E

ClientSampled :

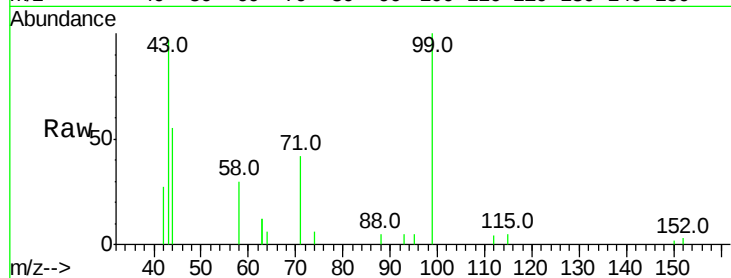
Tot Ion: 99 Resp: 3621

Ion Ratio Lower Upper

99 100

42 17.3 0.0 0.0#

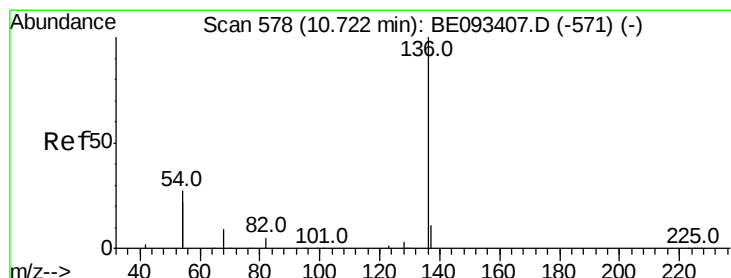
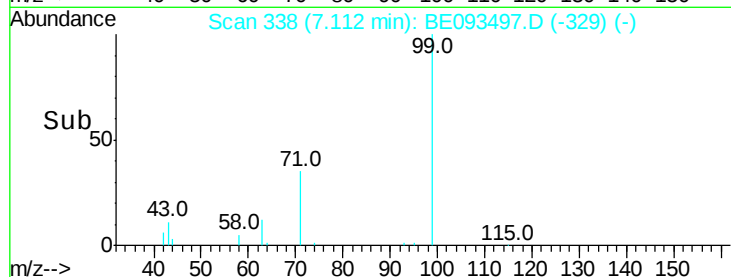
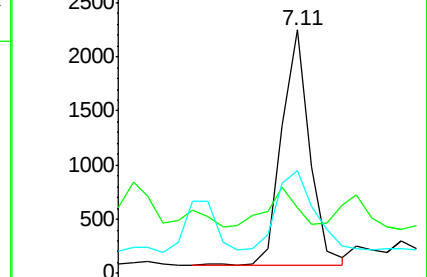
71 45.4 0.0 0.0#



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: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093497.D

Acq: 20 Jul 2017 12:26

Tgt Ion: 136 Resp: 21905

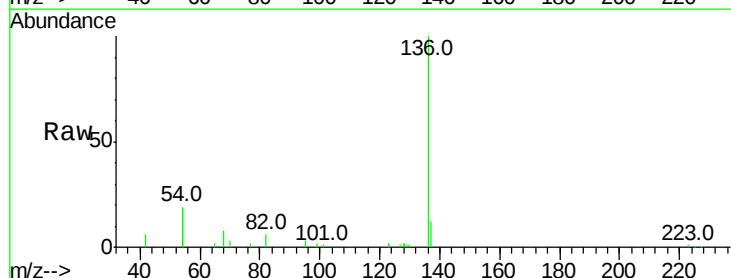
Ion Ratio Lower Upper

136 100

137 11.6 9.8 14.8

54 38.5 10.3 15.5#

68 8.0 9.0 13.4#

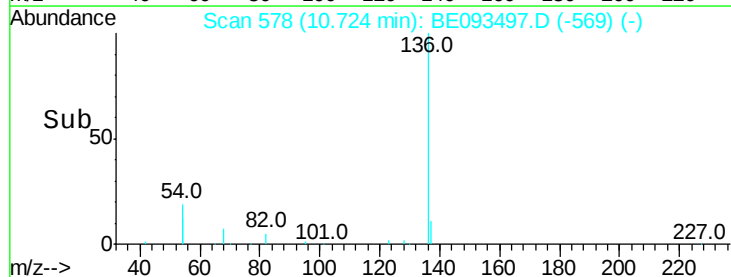
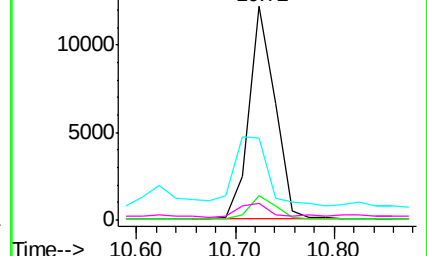


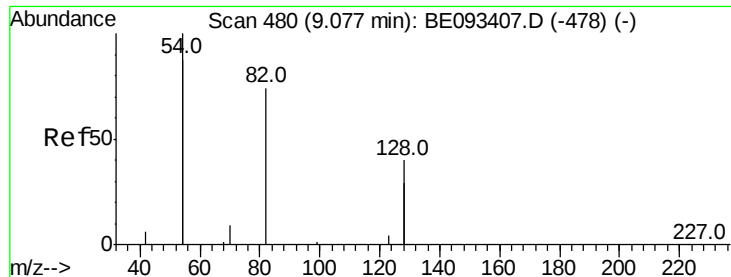
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.459 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093497.D

Acq: 20 Jul 2017 12:26

Instrument :

BNA_E

ClientSampleId :

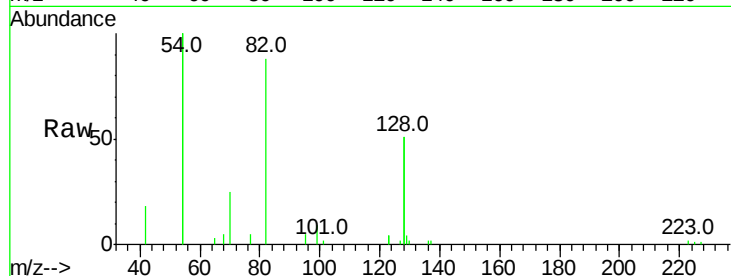
Tot Ion: 82 Resp: 6416

Ion Ratio Lower Upper

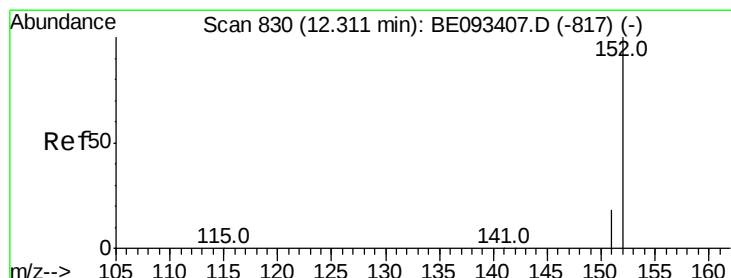
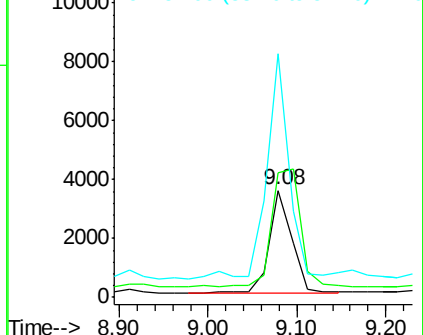
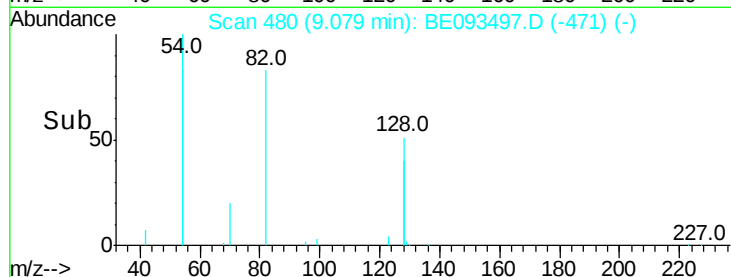
82 100

128 116.2 17.0 25.4#

54 228.1 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093497.D (-471) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.339 ng

RT: 12.31 min Scan# 829

Delta R.T. -0.00 min

Lab File: BE093497.D

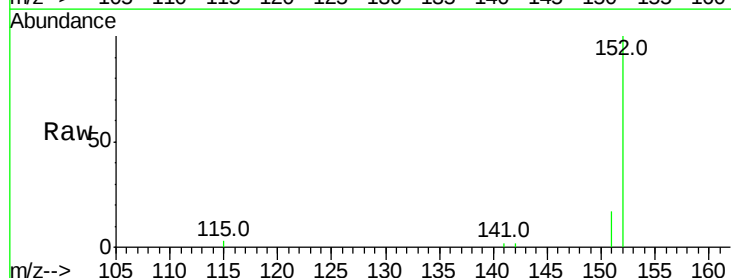
Acq: 20 Jul 2017 12:26

Tgt Ion: 152 Resp: 11851

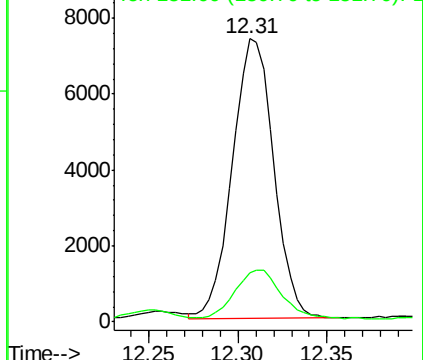
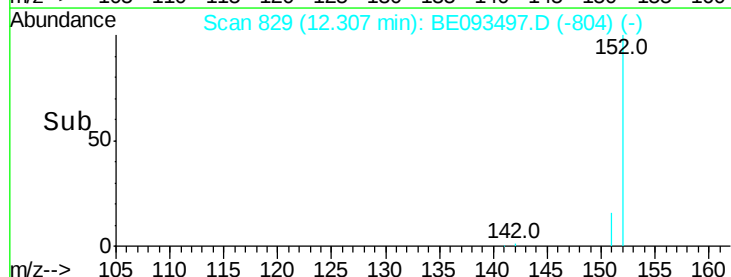
Ion Ratio Lower Upper

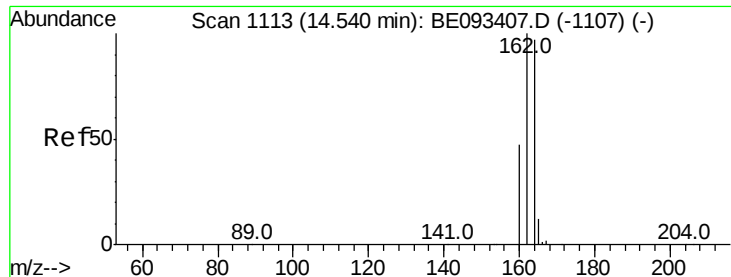
152 100

151 19.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE093497.D (-804) (-)

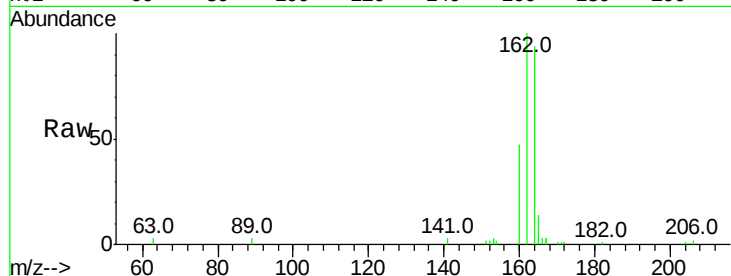




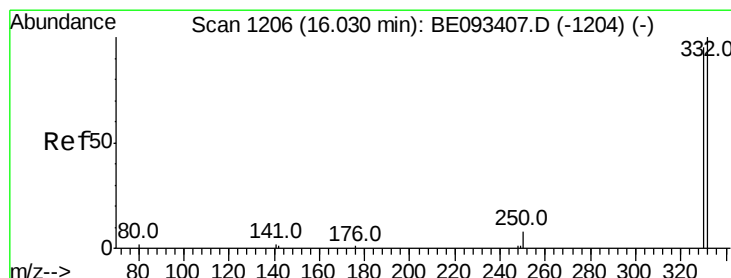
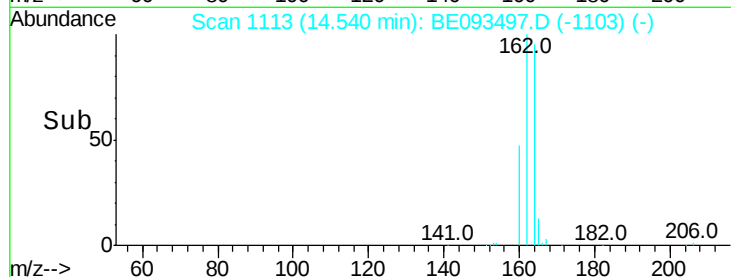
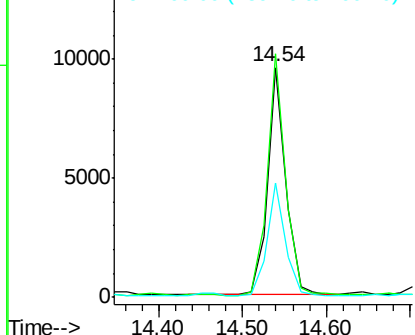
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BE093497.D
 Acq: 20 Jul 2017 12:26

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 14348
 Ion Ratio Lower Upper
 164 100
 162 106.0 84.6 127.0
 160 49.9 41.8 62.6

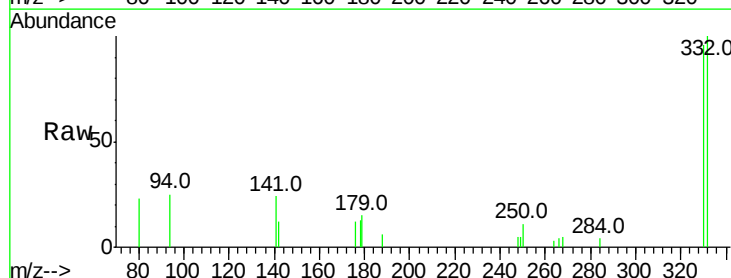


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

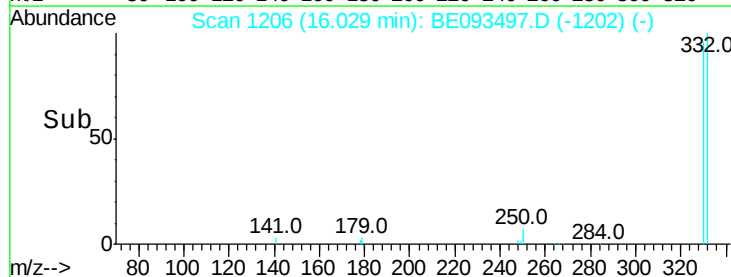
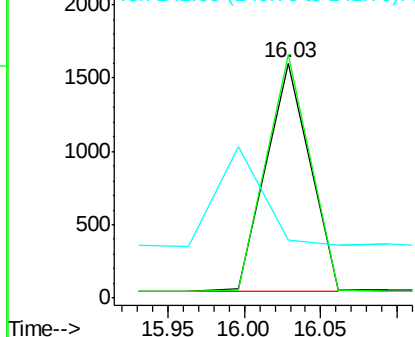


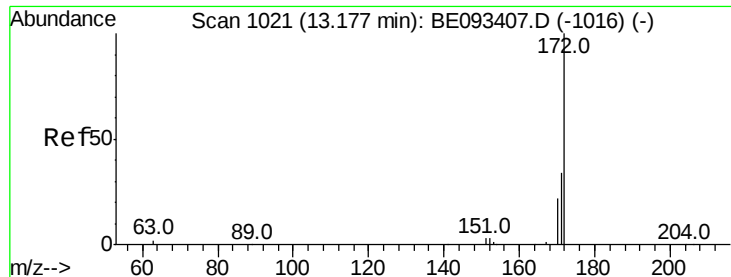
#14
 2,4,6-Tribromophenol
 Concen: 0.680 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BE093497.D
 Acq: 20 Jul 2017 12:26

Tgt Ion:330 Resp: 3068
 Ion Ratio Lower Upper
 330 100
 332 104.1 77.7 116.5
 141 0.0 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

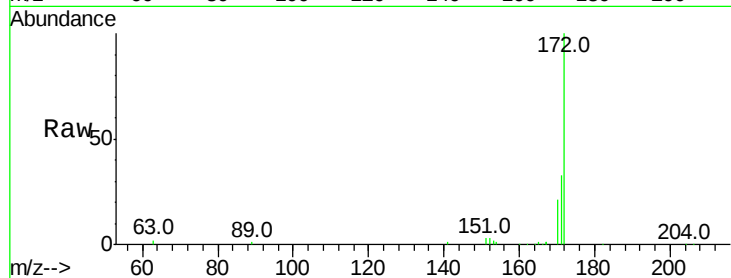




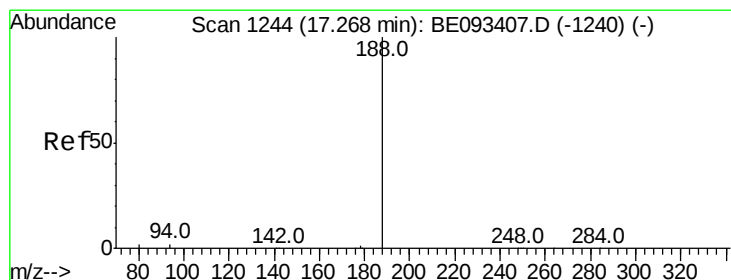
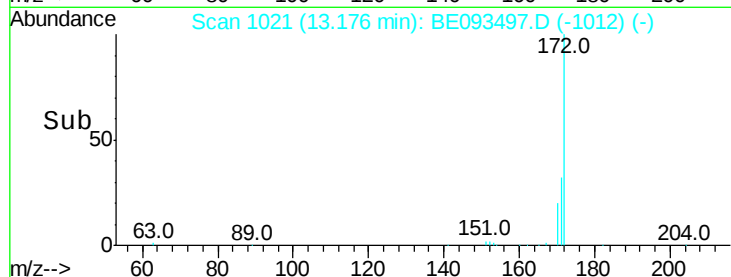
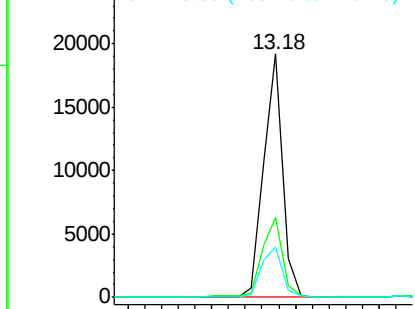
#15
2-Fluorobiphenyl
Concen: 0.539 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093497.D
Acq: 20 Jul 2017 12:26

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 30014
Ion Ratio Lower Upper
172 100
171 32.8 29.8 44.6
170 20.6 20.7 31.1#

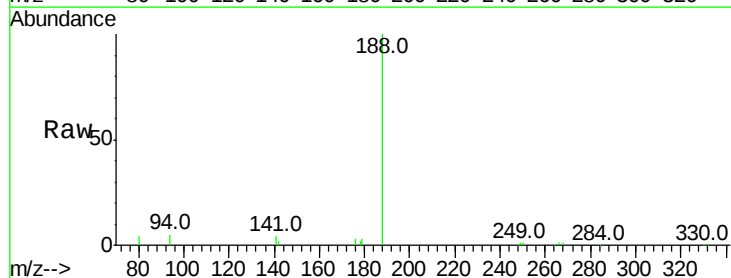


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

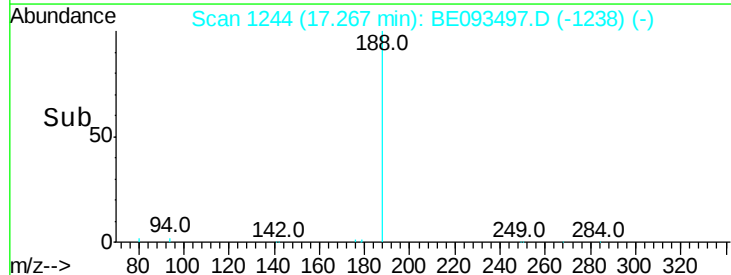
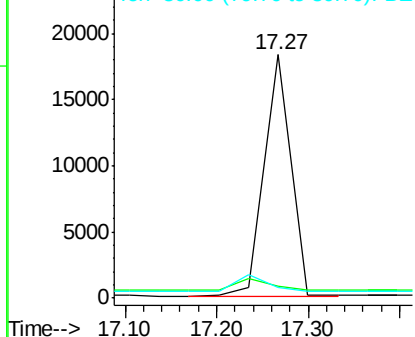


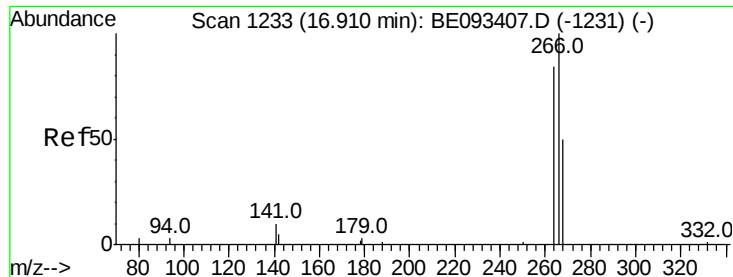
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093497.D
Acq: 20 Jul 2017 12:26

Tgt Ion:188 Resp: 37178
Ion Ratio Lower Upper
188 100
94 5.1 11.3 16.9#
80 4.3 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

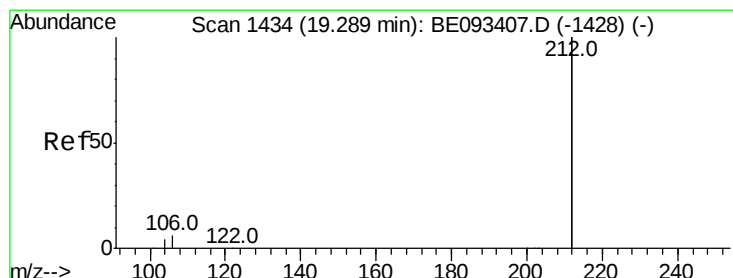
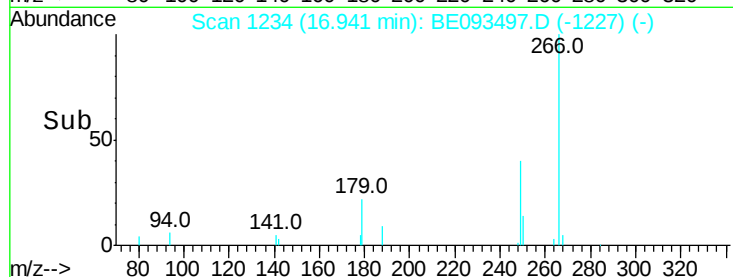
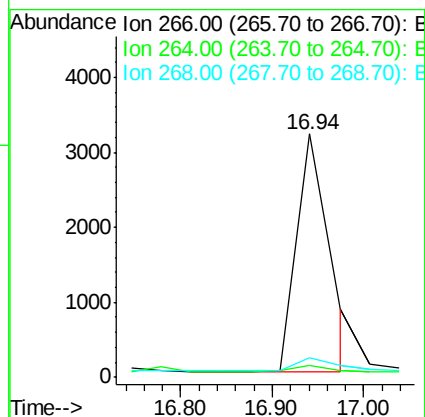
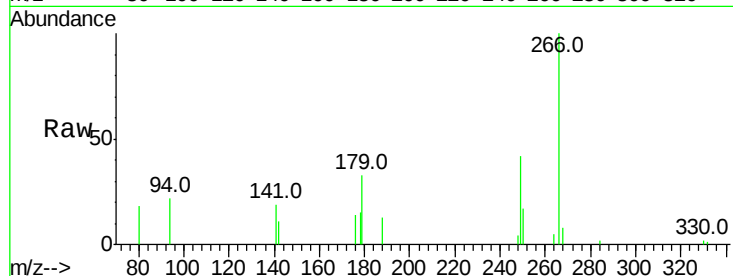




#22
 Pentachlorophenol
 Concen: 2.087 ng
 RT: 16.94 min Scan# 1234
 Delta R.T. 0.03 min
 Lab File: BE093497.D
 Acq: 20 Jul 2017 12:26

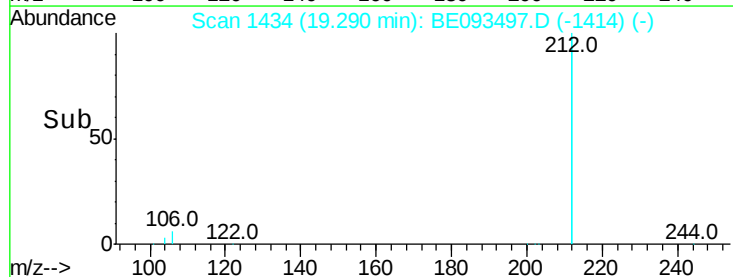
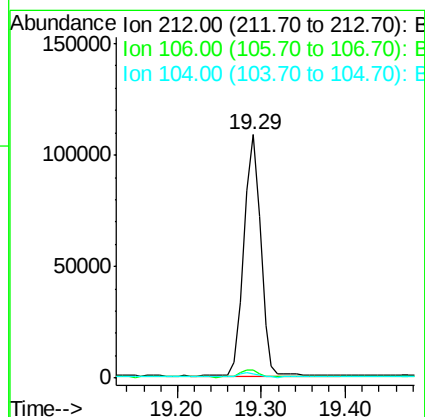
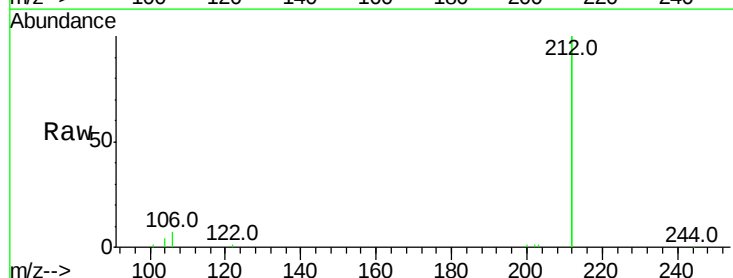
Instrument :
 BNA_E
 ClientSampleId :

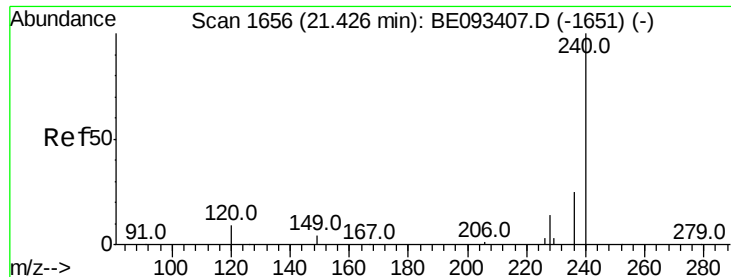
Tot Ion:266 Resp: 7866
 Ion Ratio Lower Upper
 266 100
 264 4.7 58.2 87.2#
 268 7.9 71.9 107.9#



#25
 Fluoranthene-d10
 Concen: 0.332 ng
 RT: 19.29 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BE093497.D
 Acq: 20 Jul 2017 12:26

Tgt Ion:212 Resp: 148876
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.4 3.6
 104 1.9 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE093497.D

Acq: 20 Jul 2017 12:26

Instrument :

BNA_E

ClientSampleId :

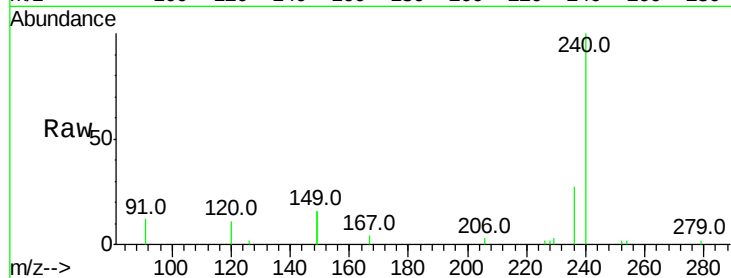
Tot Ion:240 Resp: 38290

Ion Ratio Lower Upper

240 100

120 10.8 4.6 7.0#

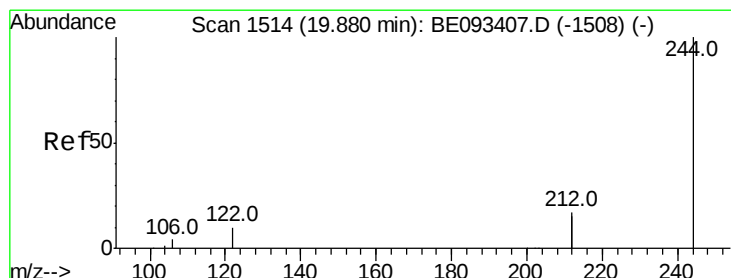
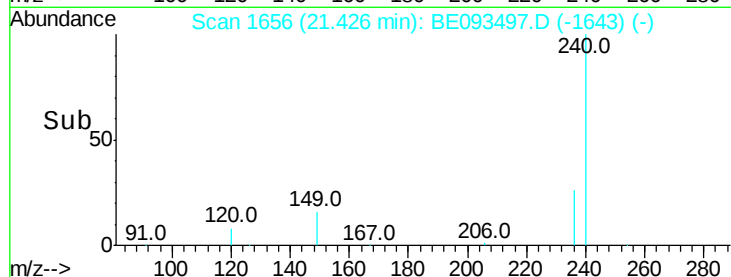
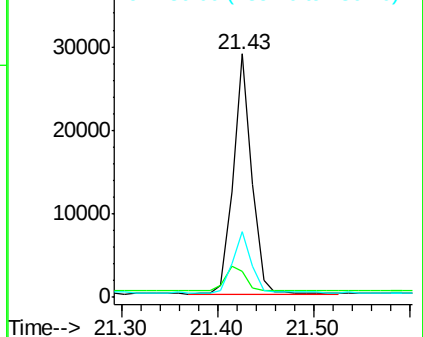
236 27.2 20.8 31.2



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: 0.527 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093497.D

Acq: 20 Jul 2017 12:26

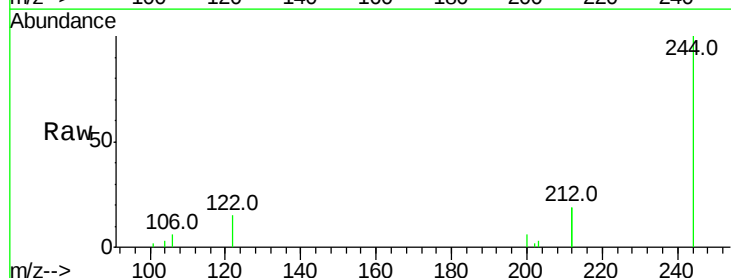
Tgt Ion:244 Resp: 36005

Ion Ratio Lower Upper

244 100

212 37.8 10.6 16.0#

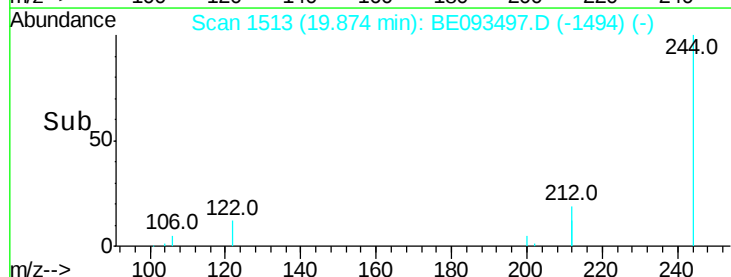
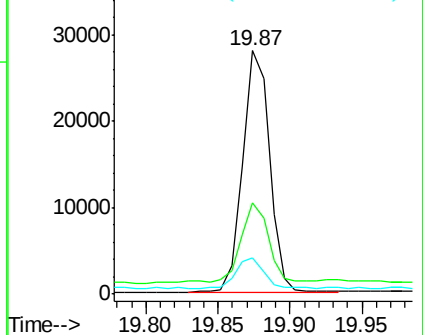
122 14.8 15.4 23.0#

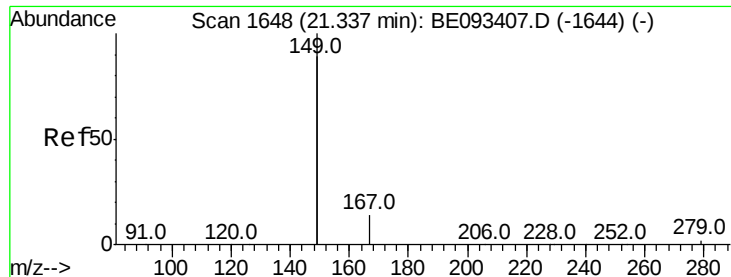


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.324 ng

RT: 21.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093497.D

Acq: 20 Jul 2017 12:26

Instrument :

BNA_E

ClientSampleId :

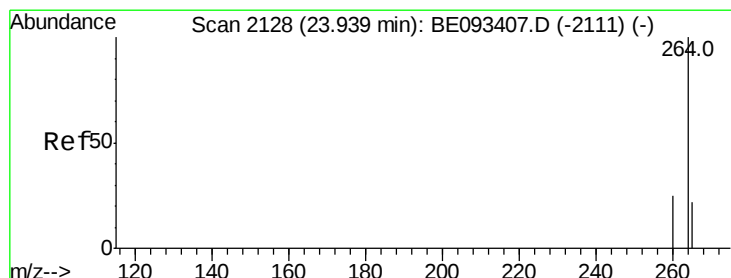
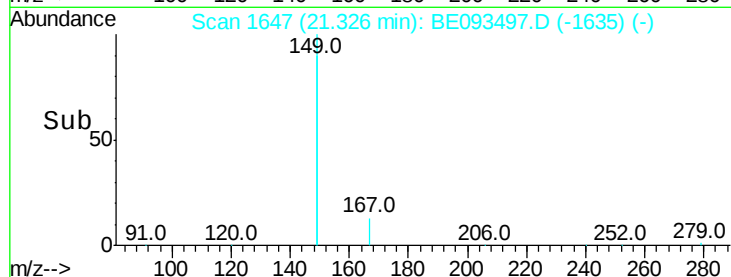
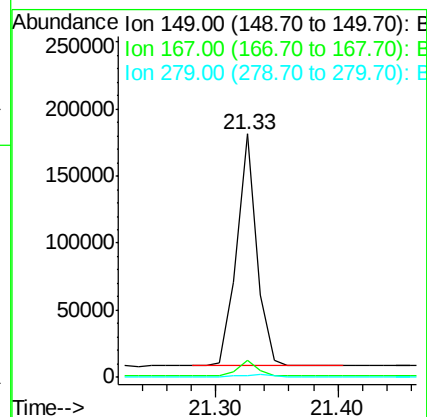
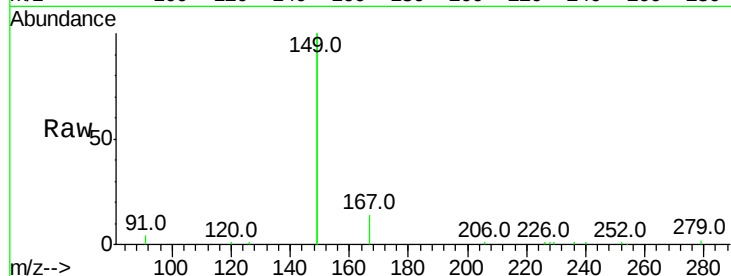
Tot Ion:149 Resp: 197118

Ion Ratio Lower Upper

149 100

167 6.7 20.1 30.1#

279 0.9 2.2 3.4#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BE093497.D

Acq: 20 Jul 2017 12:26

Tgt Ion:264 Resp: 32271

Ion Ratio Lower Upper

264 100

260 26.0 21.0 31.4

265 37.3 24.6 36.8#

