

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071317\
 Data File : BE093460.D
 Acq On : 13 Jul 2017 15:53
 Operator : SJ/JU
 Sample : I4142-07
 Misc : L00 0.2 PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 13 16:28:42 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

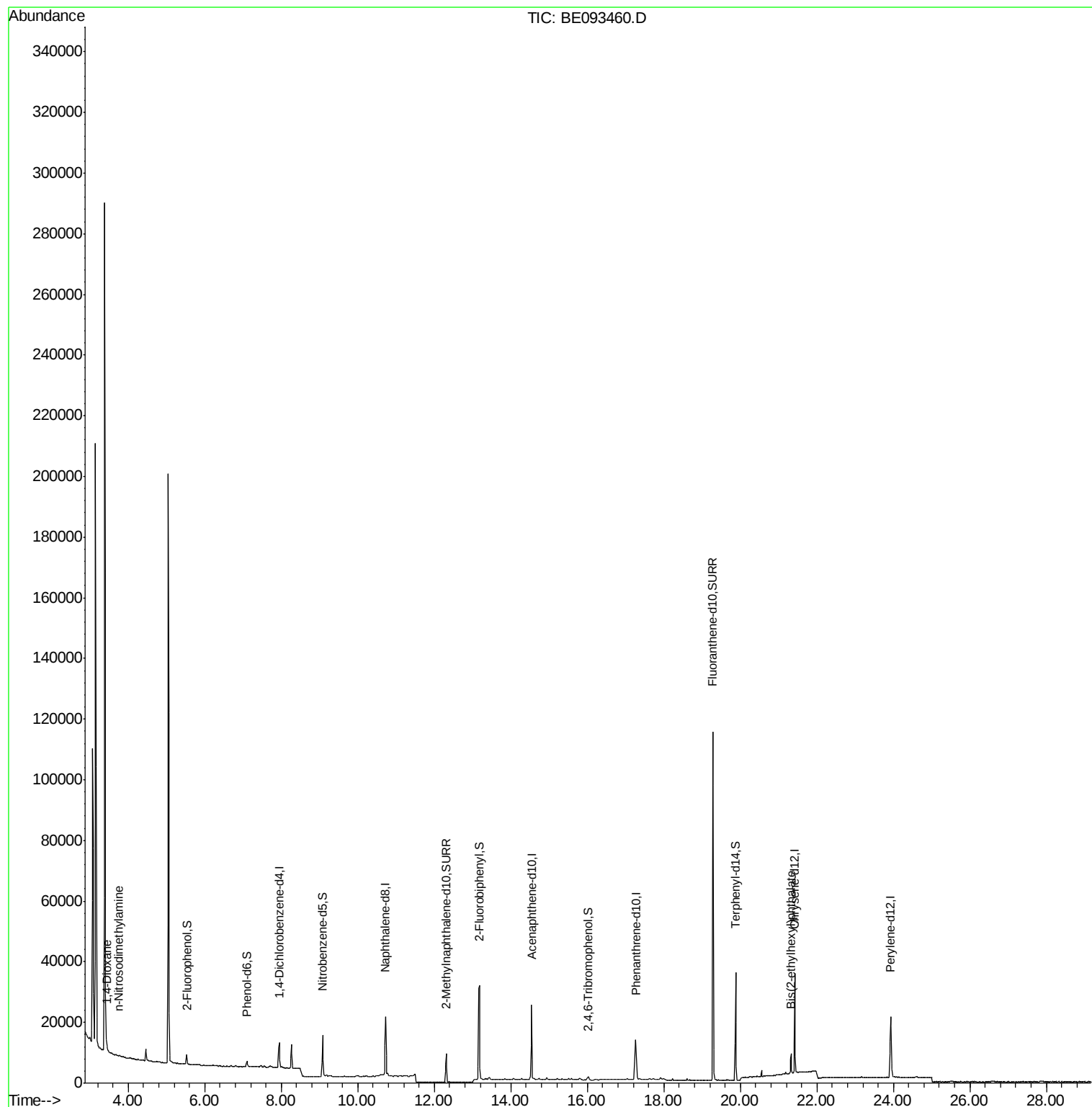
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	4193	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	22345	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	14217	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	28309	0.40	ng	0.00
27) Chrysene-d12	21.42	240	36968	0.40	ng	-0.01
34) Perylene-d12	23.93	264	31044	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1990	0.16	ng	0.00
5) Phenol-d6	7.10	99	1798	0.10	ng	0.00
8) Nitrobenzene-d5	9.08	82	5345	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	12813	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1138	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	35289	0.64	ng	0.00
25) Fluoranthene-d10	19.28	212	152473	0.45	ng	0.00
29) Terphenyl-d14	19.87	244	31565	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.45	88	745	0.084	ng	# 39
3) n-Nitrosodimethylamine	3.74	42	195	0.155	ng	# 4
22) Pentachlorophenol	16.91	266	37	Below Cal		# 86
32) Bis(2-ethylhexyl)phthalate	21.33	149	8869	0.062	ng	# 66

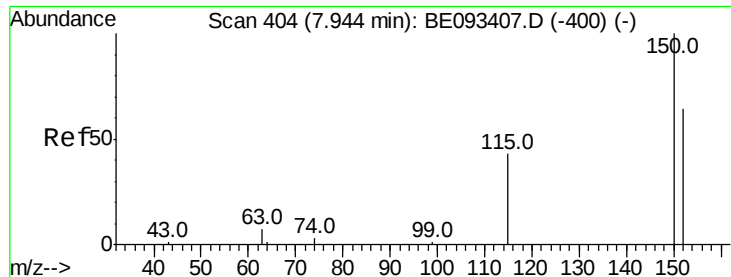
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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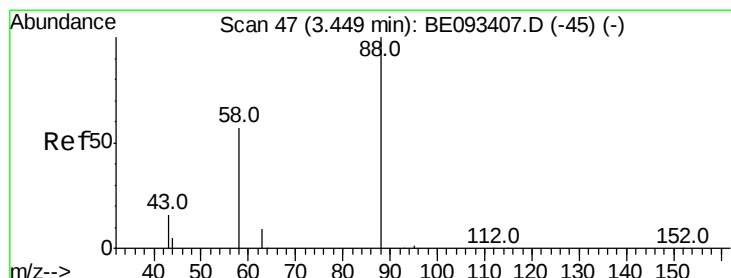
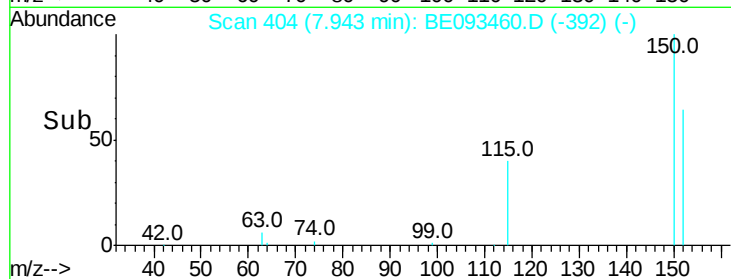
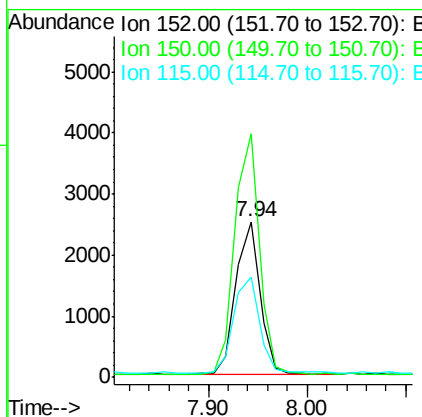
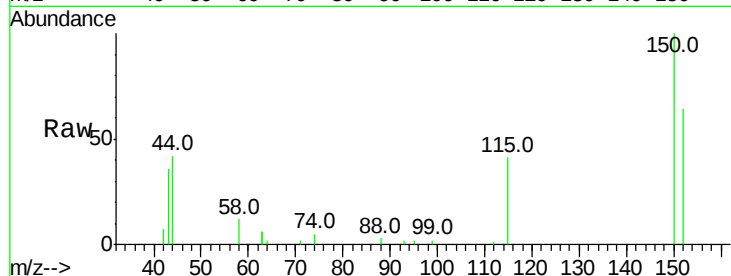


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.94 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BE093460.D
 Acq: 13 Jul 2017 15:53

Instrument :
 BNA_E
 ClientSampleId :

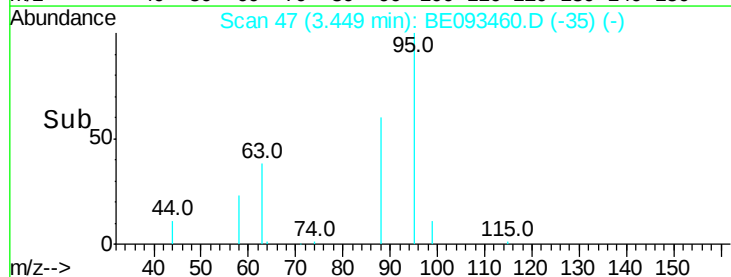
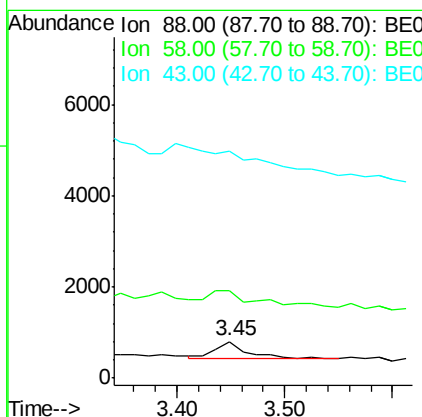
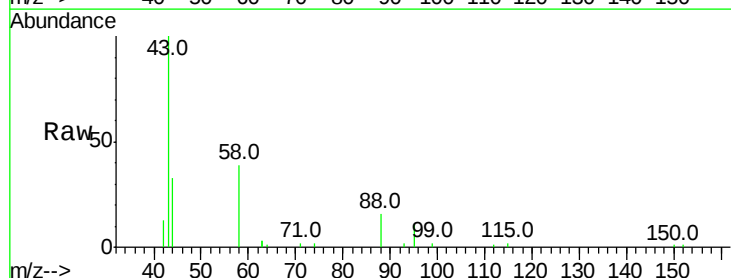
Tot Ion:152 Resp: 4193
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.1 187.7
 115 64.1 55.7 83.5

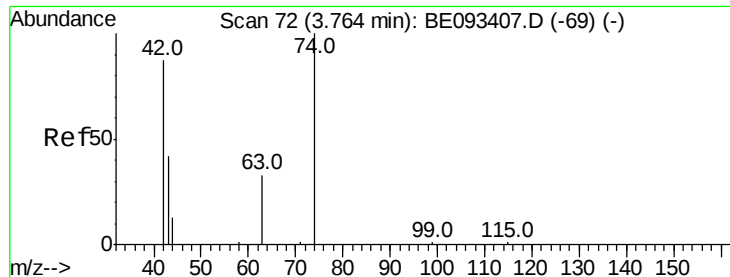


#2

1,4-Dioxane
 Concen: 0.084 ng
 RT: 3.45 min Scan# 47
 Delta R.T. -0.00 min
 Lab File: BE093460.D
 Acq: 13 Jul 2017 15:53

Tgt Ion: 88 Resp: 745
 Ion Ratio Lower Upper
 88 100
 58 133.2 62.2 93.4#
 43 0.0 23.2 34.8#



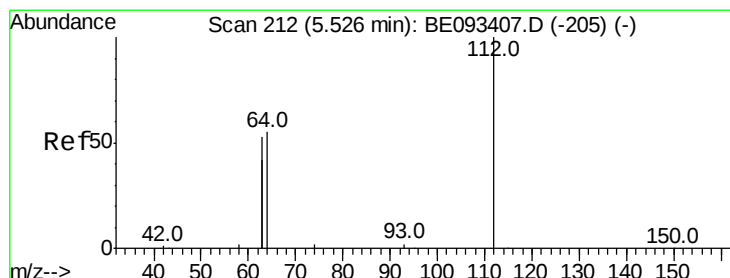
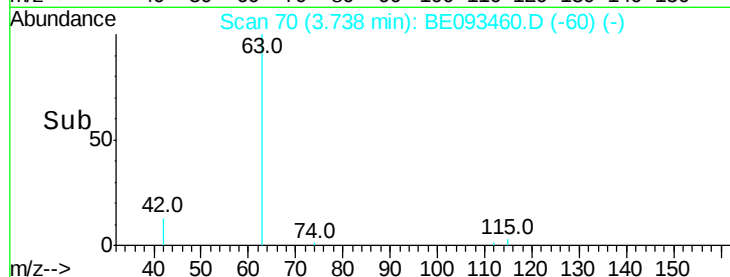
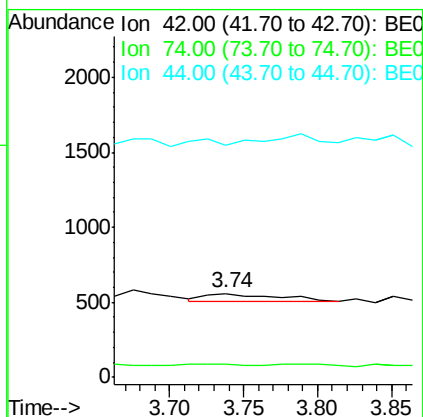
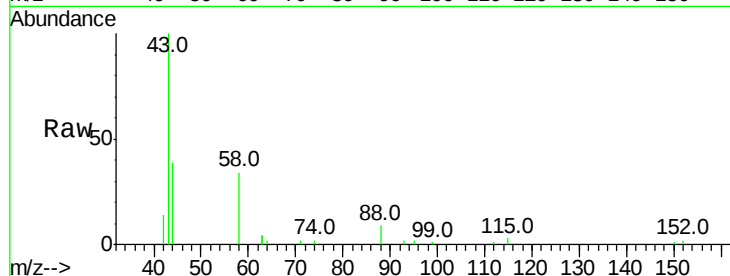


#3

n-Nitrosodimethylamine
 Concen: 0.155 ng
 RT: 3.74 min Scan# 70
 Delta R.T. -0.02 min
 Lab File: BE093460.D
 Acq: 13 Jul 2017 15:53

Instrument :
 BNA_E
 ClientSampleId :

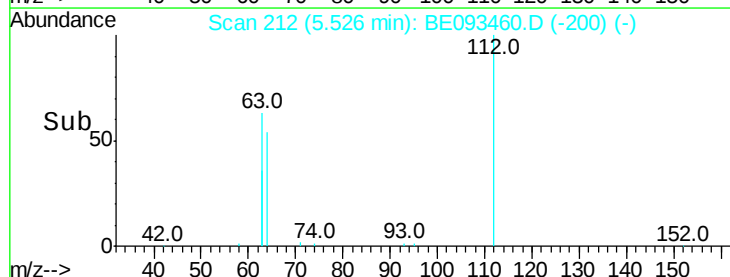
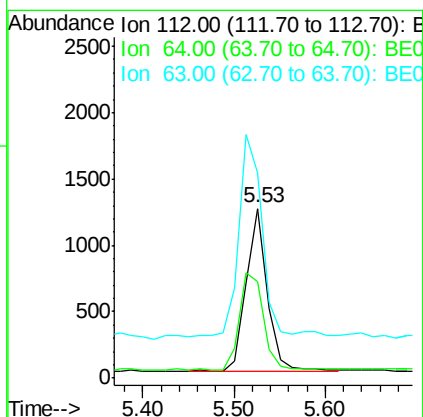
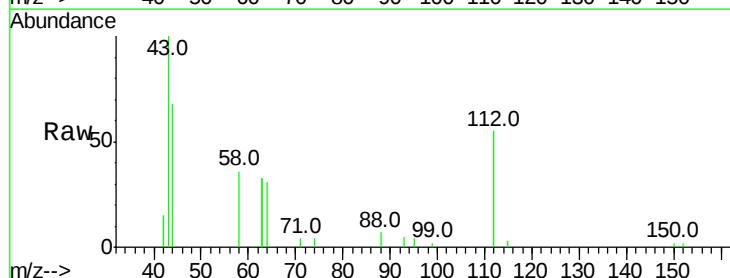
Tot Ion	Ratio	Lower	Upper
42	100		
74	13.3	99.1	148.7#
44	35.4	7.4	11.2#

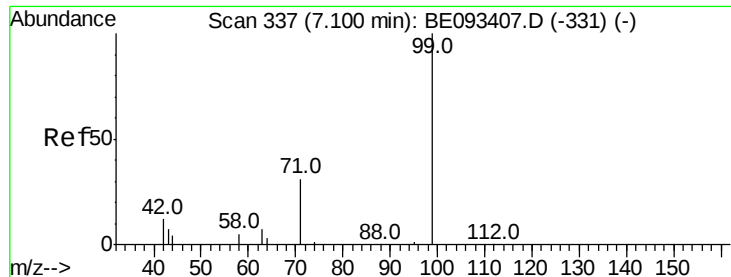


#4

2-Fluorophenol
 Concen: 0.157 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093460.D
 Acq: 13 Jul 2017 15:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	56.4	84.6
63	133.1	29.3	43.9#





#5

Phenol-d6

Concen: 0.096 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093460.D

Acq: 13 Jul 2017 15:53

Instrument :

BNA_E

ClientSampled :

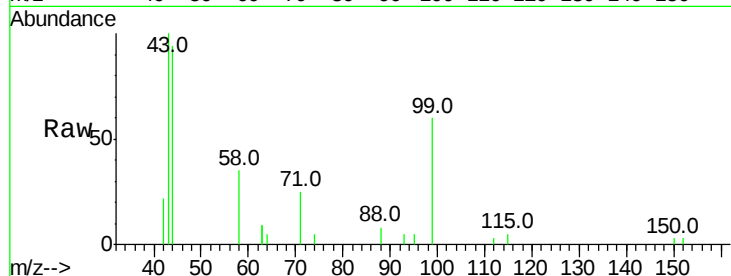
Tot Ion: 99 Resp: 1798

Ion Ratio Lower Upper

99 100

42 28.3 0.0 0.0#

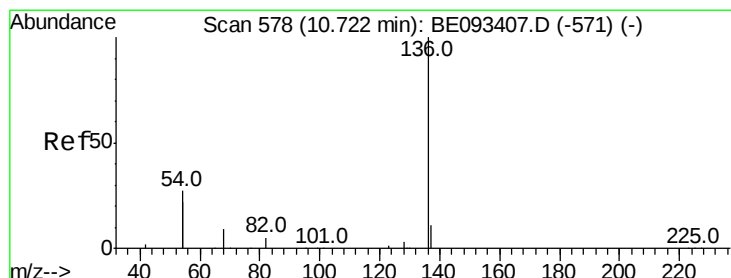
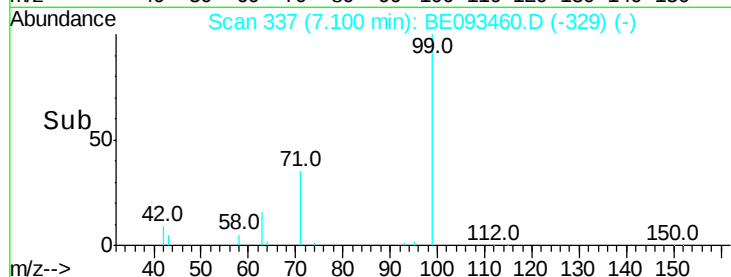
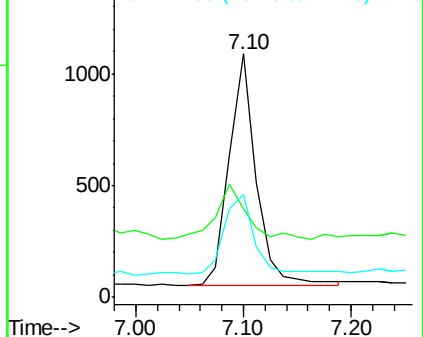
71 37.7 0.0 0.0#



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: BE093460.D

Acq: 13 Jul 2017 15:53

Tgt Ion: 136 Resp: 22345

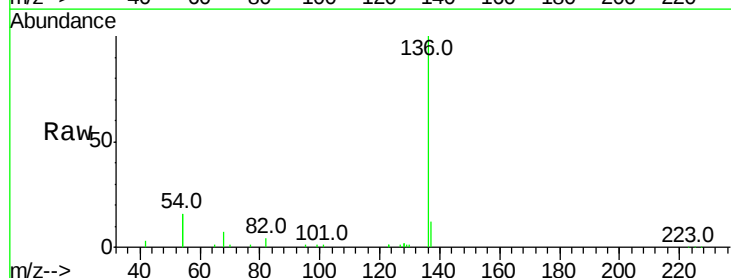
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.8

54 31.2 10.3 15.5#

68 6.7 9.0 13.4#

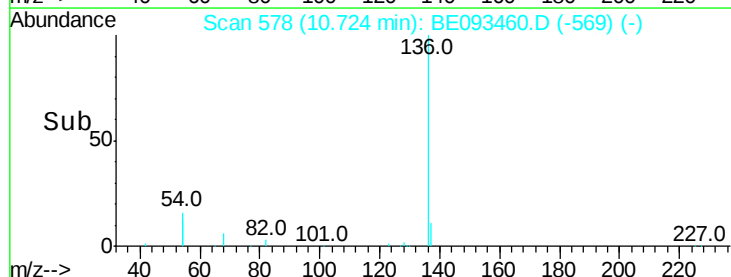
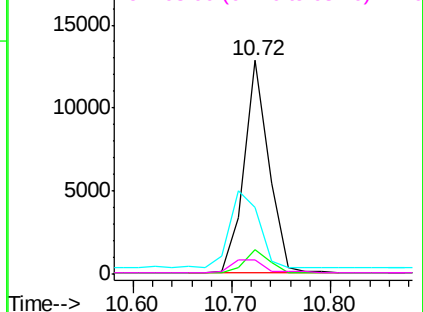


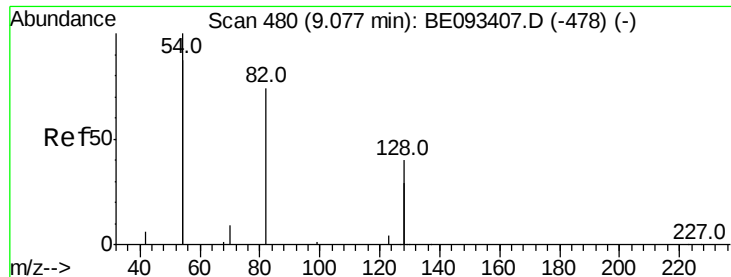
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.374 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093460.D

Acq: 13 Jul 2017 15:53

Instrument :

BNA_E

ClientSampleId :

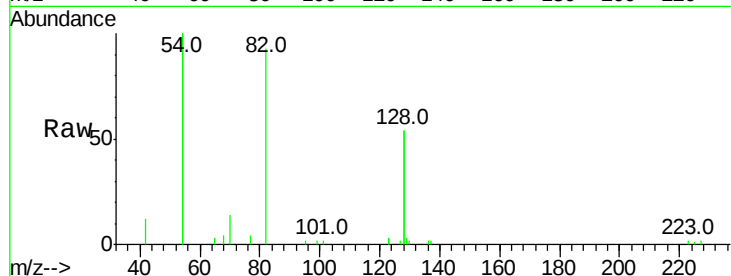
Tot Ion: 82 Resp: 5345

Ion Ratio Lower Upper

82 100

128 117.5 17.0 25.4#

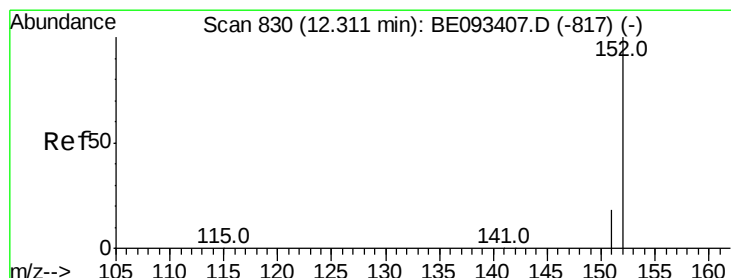
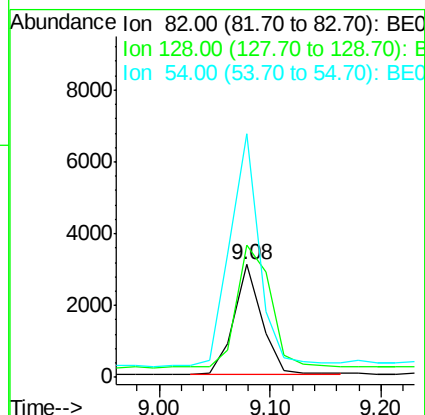
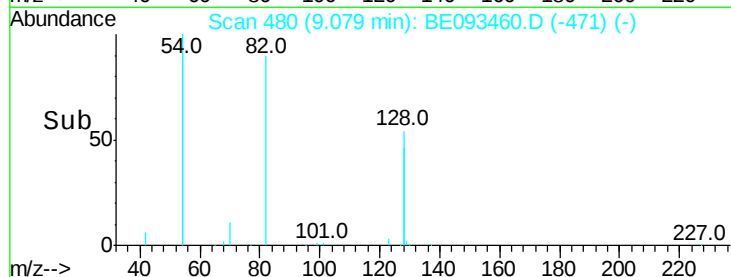
54 216.2 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093460.D (-471) (-)

Ion 128.00 (127.70 to 128.70): BE093460.D (-471) (-)

Ion 54.00 (53.70 to 54.70): BE093460.D (-471) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 12.31 min Scan# 829

Delta R.T. -0.00 min

Lab File: BE093460.D

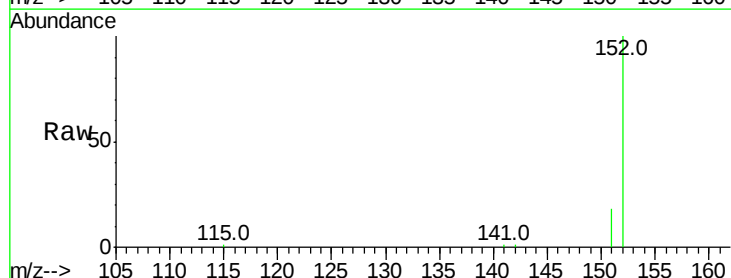
Acq: 13 Jul 2017 15:53

Tgt Ion: 152 Resp: 12813

Ion Ratio Lower Upper

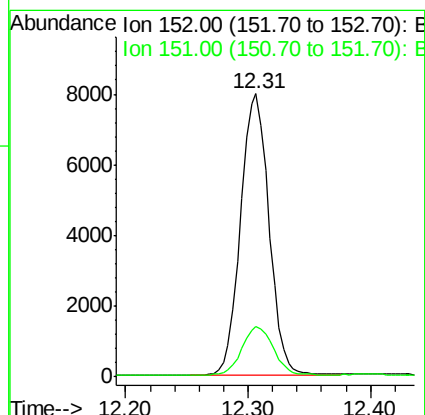
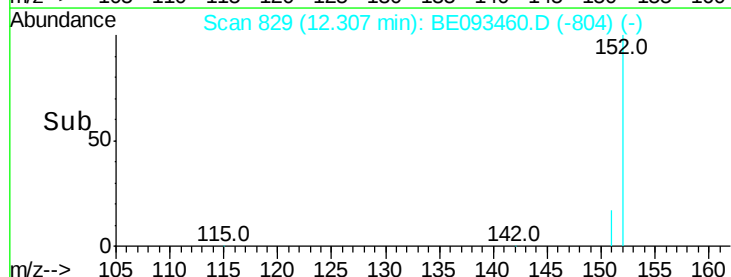
152 100

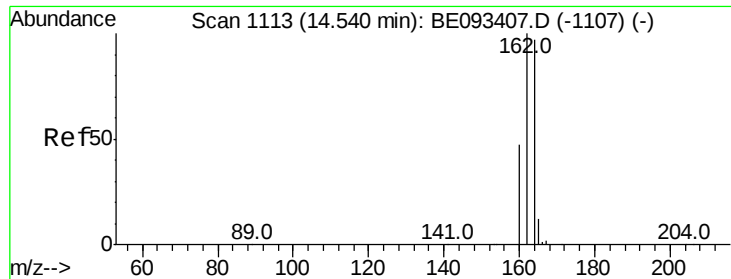
151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE093460.D (-804) (-)

Ion 151.00 (150.70 to 151.70): BE093460.D (-804) (-)

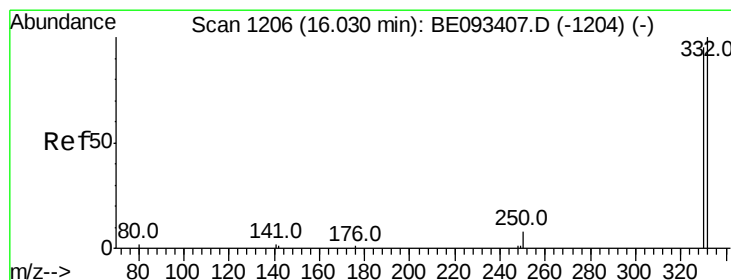
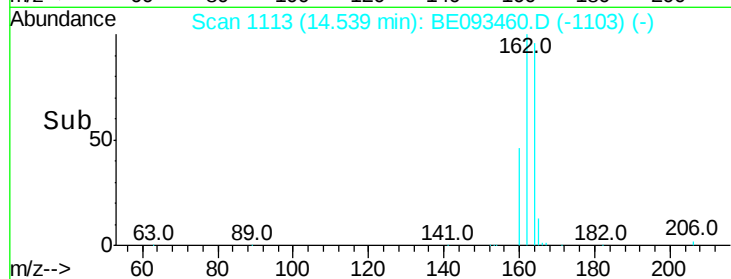
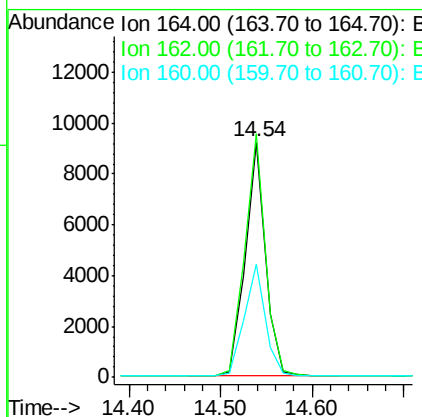
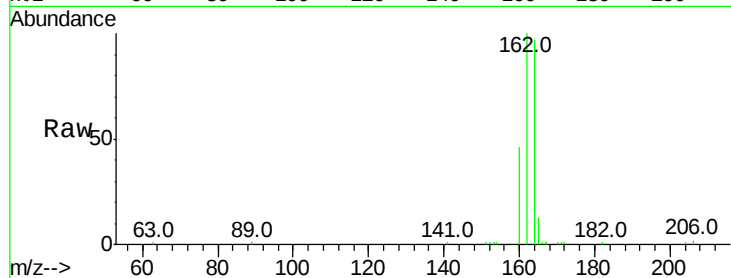




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BE093460.D
 Acq: 13 Jul 2017 15:53

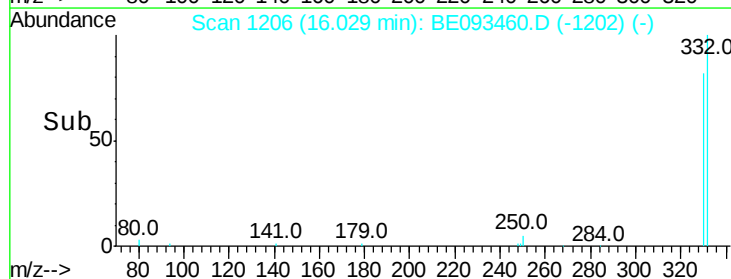
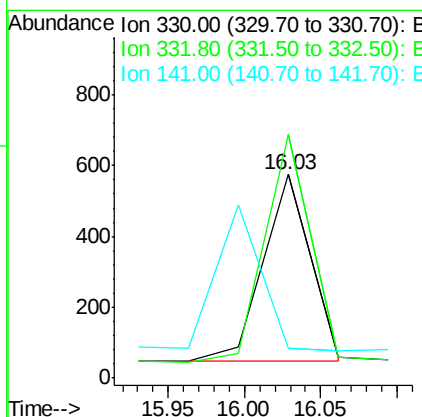
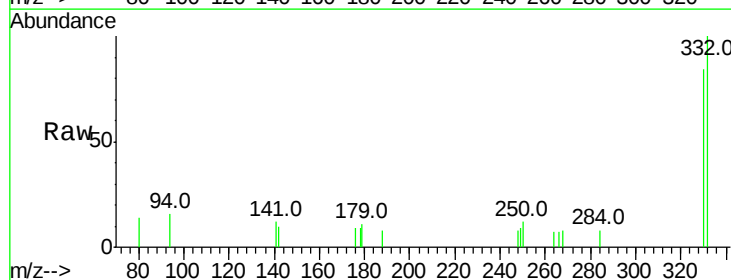
Instrument :
 BNA_E
 ClientSampleId :

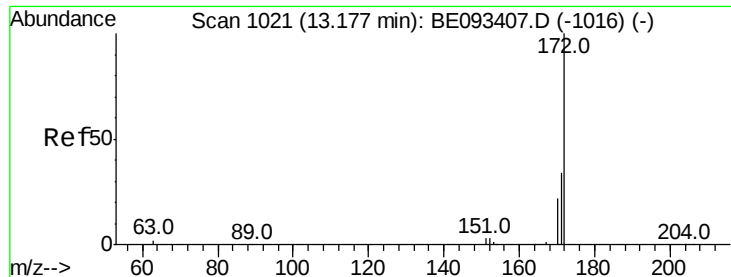
Tot Ion:164 Resp: 14217
 Ion Ratio Lower Upper
 164 100
 162 103.6 84.6 127.0
 160 48.1 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.255 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BE093460.D
 Acq: 13 Jul 2017 15:53

Tgt Ion:330 Resp: 1138
 Ion Ratio Lower Upper
 330 100
 332 117.0 77.7 116.5#
 141 0.0 56.2 84.4#

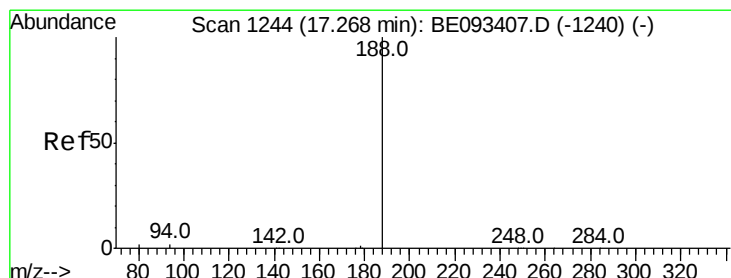
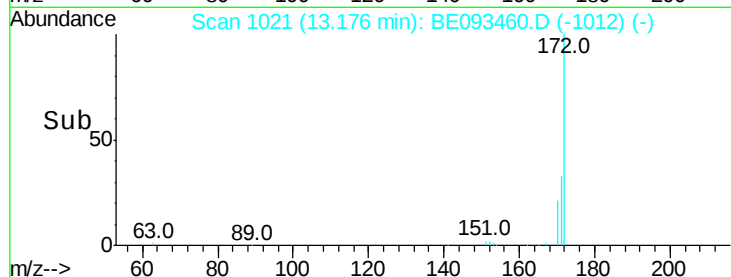
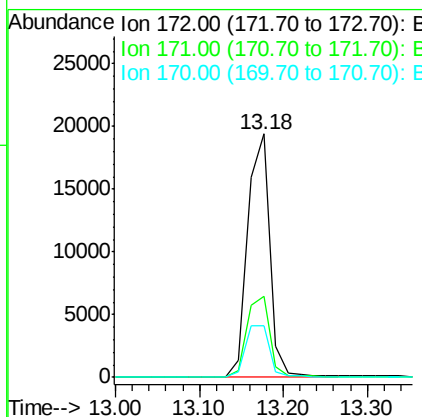
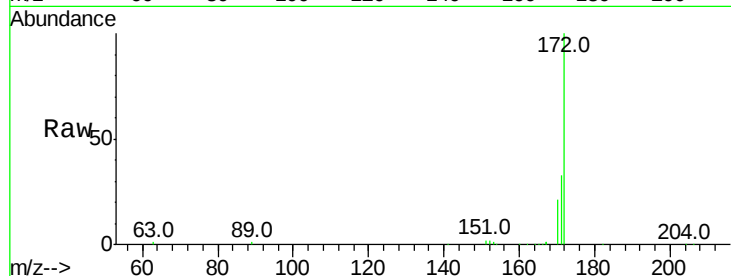




#15
2-Fluorobiphenyl
Concen: 0.639 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093460.D
Acq: 13 Jul 2017 15:53

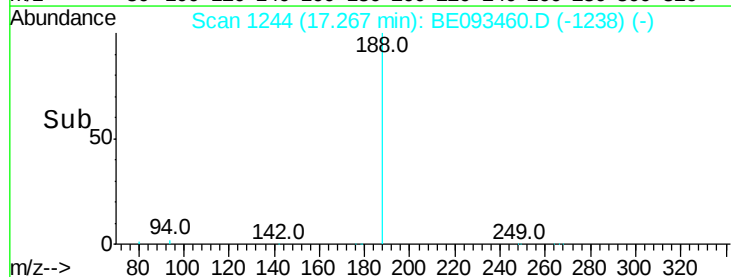
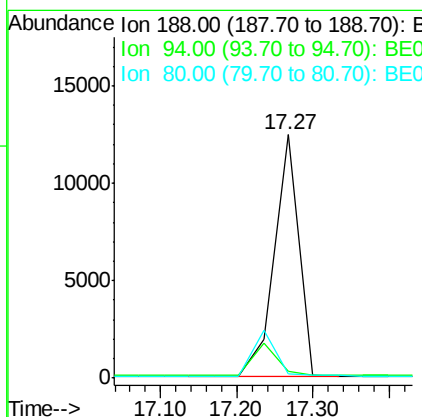
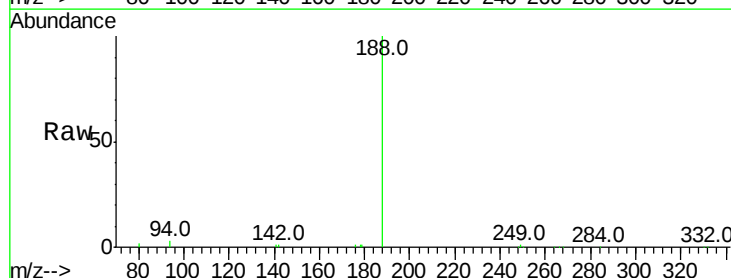
Instrument :
BNA_E
ClientSampleId :

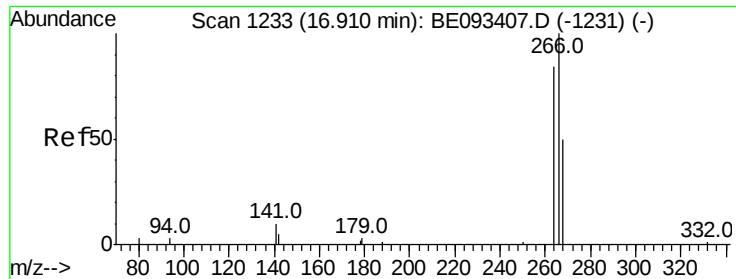
Tot Ion:172 Resp: 35289
Ion Ratio Lower Upper
172 100
171 33.5 29.8 44.6
170 21.0 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093460.D
Acq: 13 Jul 2017 15:53

Tgt Ion:188 Resp: 28309
Ion Ratio Lower Upper
188 100
94 2.7 11.3 16.9#
80 2.0 11.7 17.5#

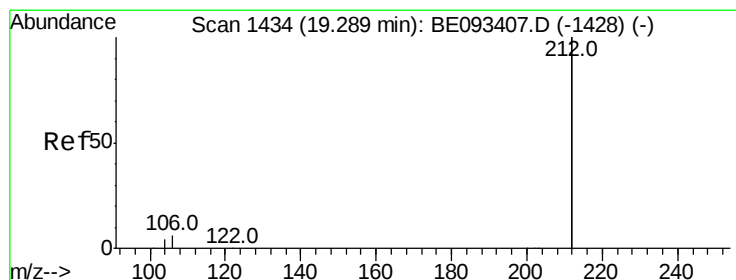
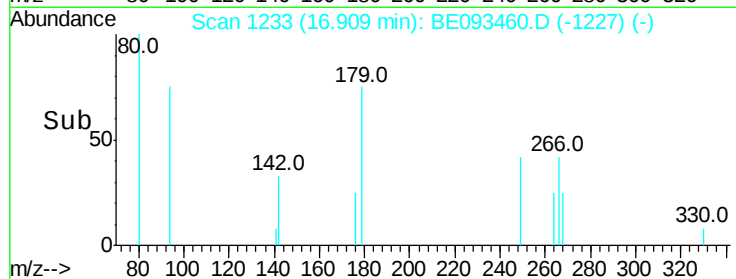
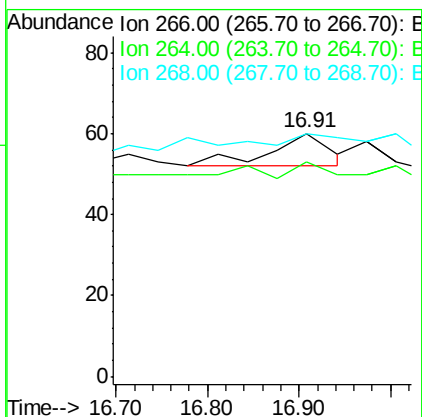
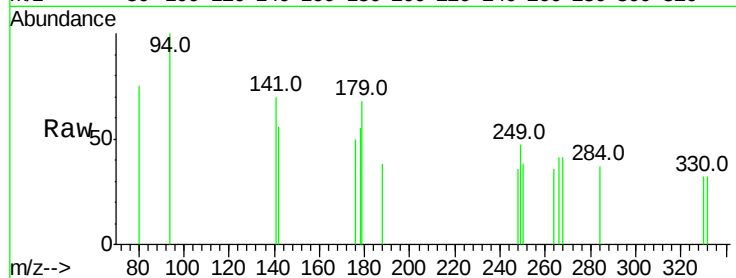




#22
 Pentachlorophenol
 Concen: Below Cal
 RT: 16.91 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BE093460.D
 Acq: 13 Jul 2017 15:53

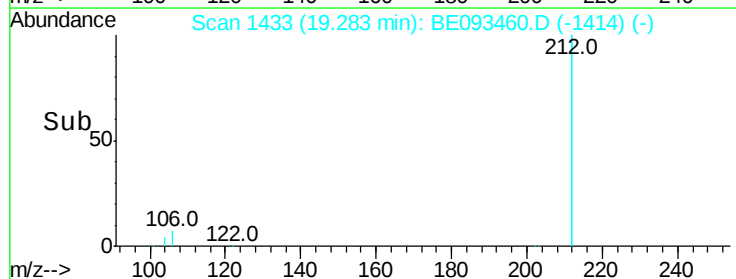
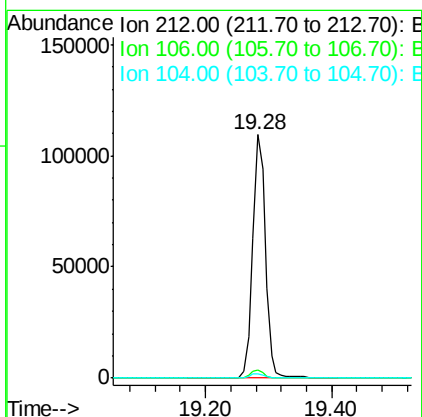
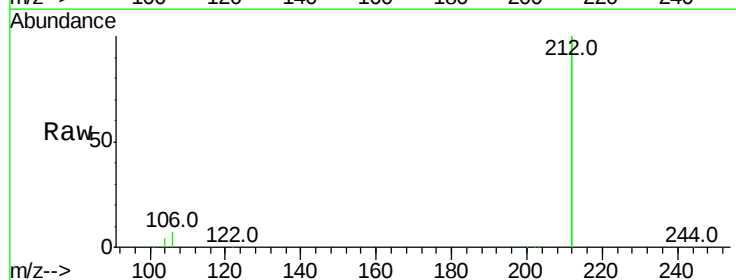
Instrument :
 BNA_E
 ClientSampleId :

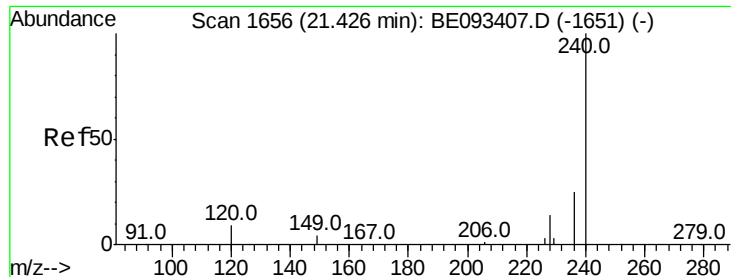
Tot Ion:266 Resp: 37
 Ion Ratio Lower Upper
 266 100
 264 88.3 58.2 87.2#
 268 100.0 71.9 107.9



#25
 Fluoranthene-d10
 Concen: 0.447 ng
 RT: 19.28 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BE093460.D
 Acq: 13 Jul 2017 15:53

Tgt Ion:212 Resp: 152473
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.4 3.6
 104 2.0 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093460.D

Acq: 13 Jul 2017 15:53

Instrument :

BNA_E

ClientSampleId :

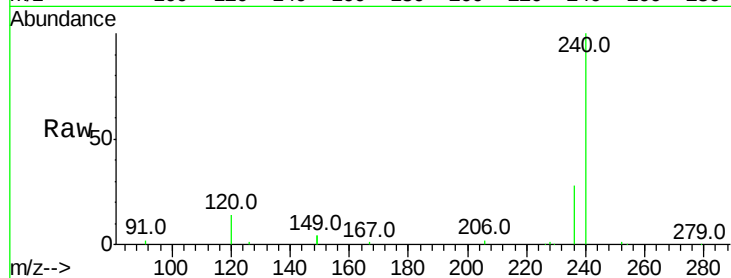
Tot Ion:240 Resp: 36968

Ion Ratio Lower Upper

240 100

120 13.8 4.6 7.0#

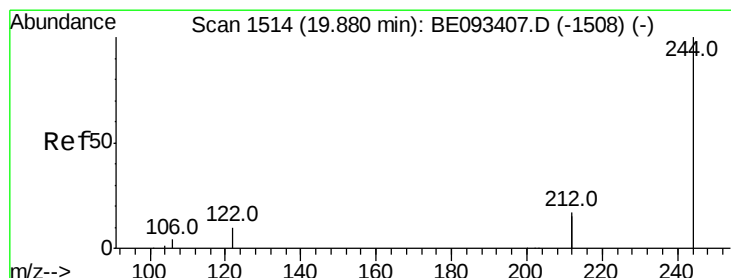
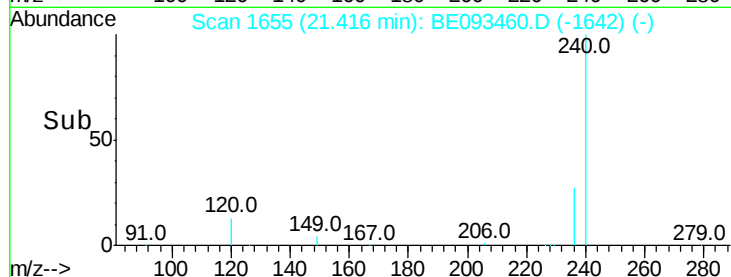
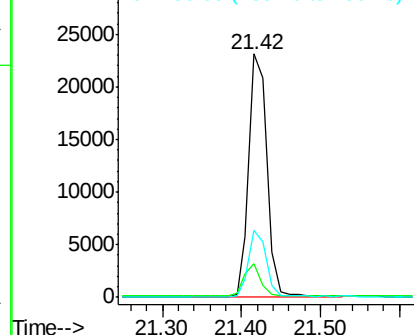
236 27.7 20.8 31.2



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: 0.478 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093460.D

Acq: 13 Jul 2017 15:53

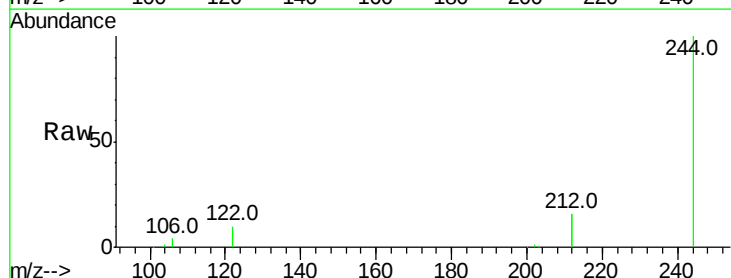
Tgt Ion:244 Resp: 31565

Ion Ratio Lower Upper

244 100

212 32.5 10.6 16.0#

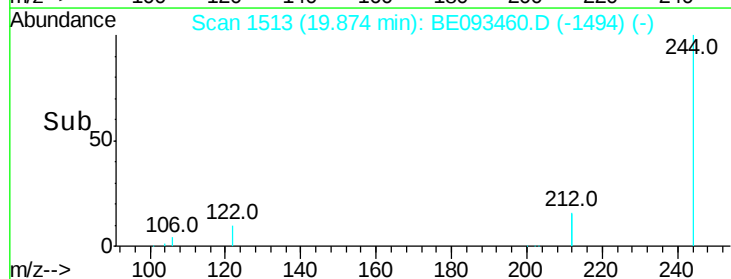
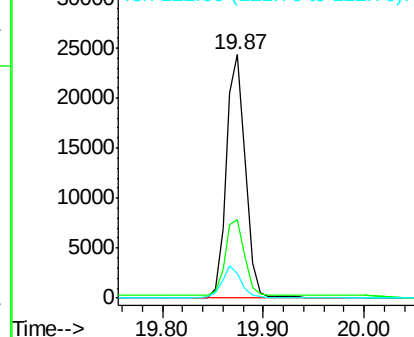
122 10.2 15.4 23.0#

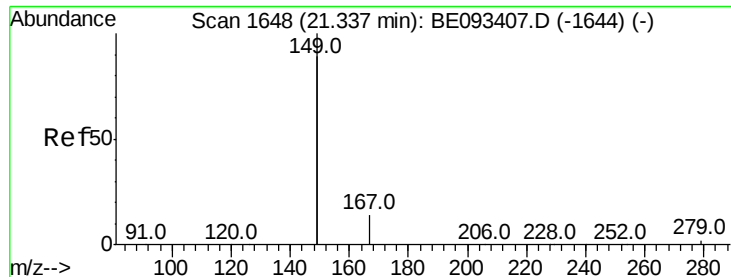


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.062 ng

RT: 21.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093460.D

Acq: 13 Jul 2017 15:53

Instrument :

BNA_E

ClientSampleId :

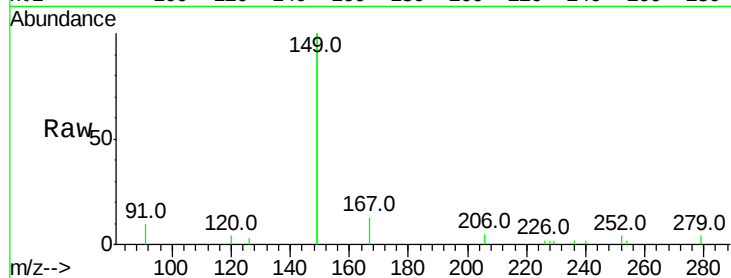
Tot Ion:149 Resp: 8869

Ion Ratio Lower Upper

149 100

167 6.3 20.1 30.1#

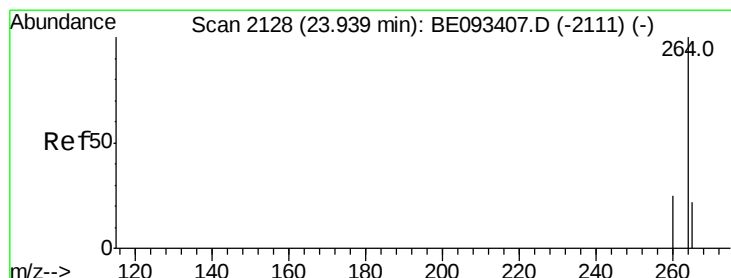
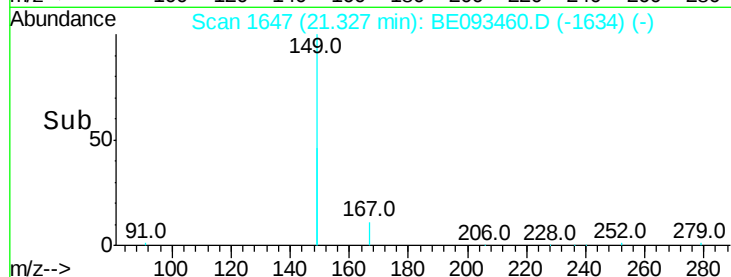
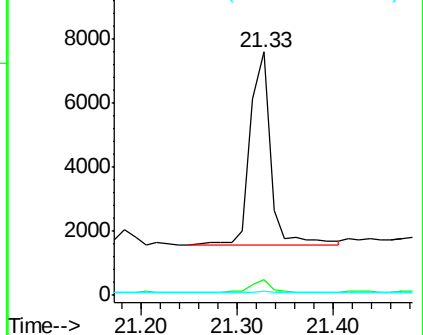
279 1.0 2.2 3.4#



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# 2126

Delta R.T. -0.01 min

Lab File: BE093460.D

Acq: 13 Jul 2017 15:53

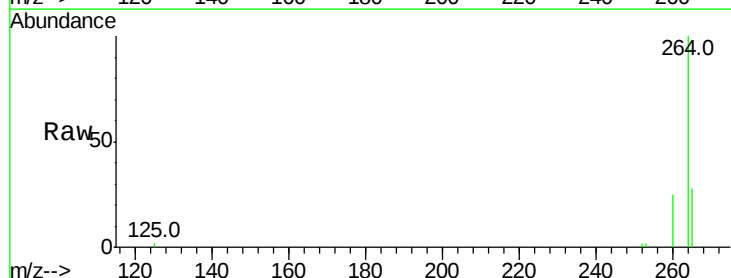
Tgt Ion:264 Resp: 31044

Ion Ratio Lower Upper

264 100

260 25.0 21.0 31.4

265 27.9 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

