

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093489.D
 Acq On : 19 Jul 2017 17:49
 Operator : SJ/JU
 Sample : I4199-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 20 12:02:58 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

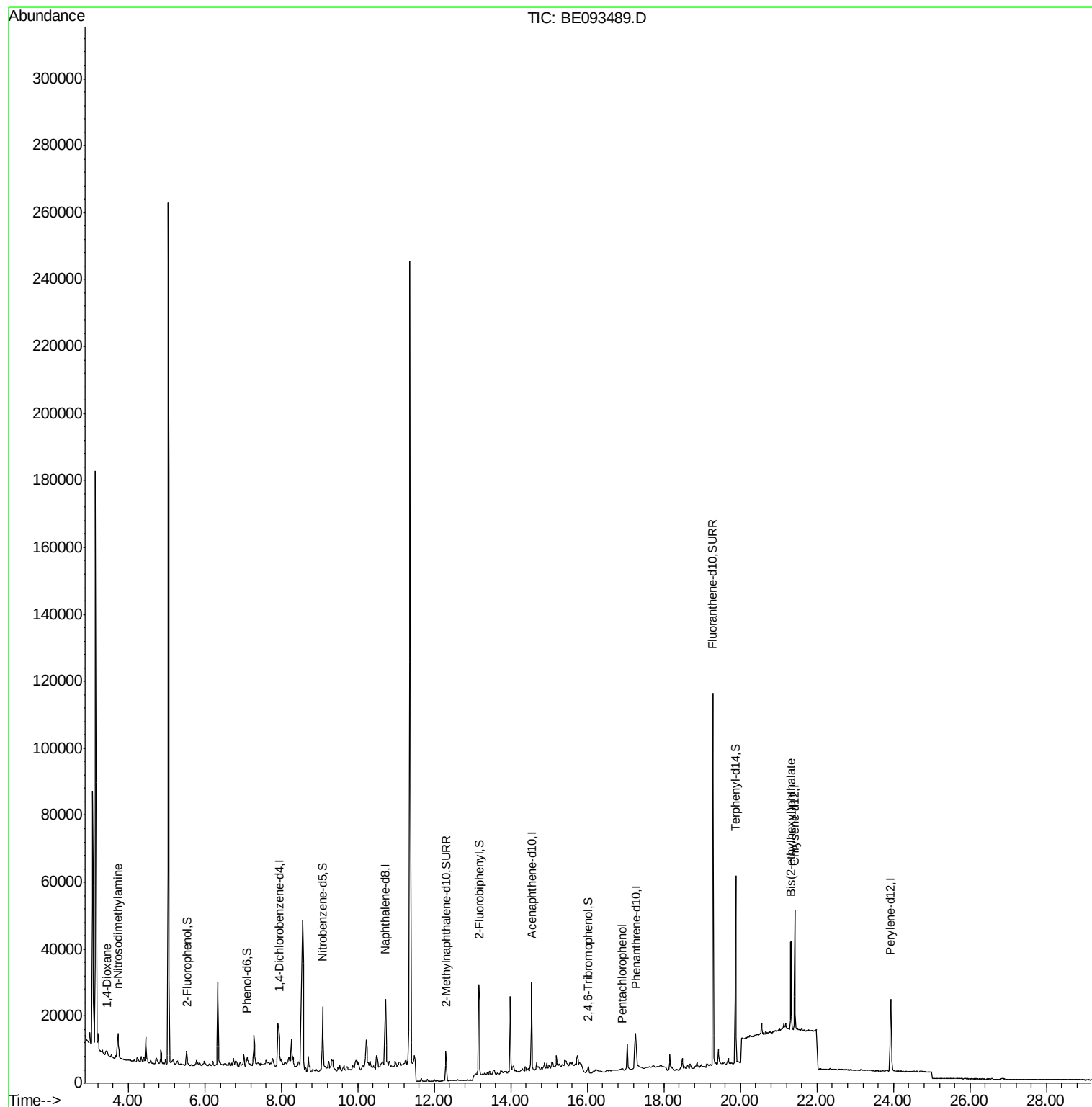
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3997	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	23264	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	15493	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	24844	0.40	ng	0.00
27) Chrysene-d12	21.42	240	37621	0.40	ng	-0.01
34) Perylene-d12	23.93	264	32774	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2178	0.18	ng	0.00
5) Phenol-d6	7.10	99	2370	0.13	ng	0.00
8) Nitrobenzene-d5	9.08	82	6783	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	12104	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1860	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	28279	0.47	ng	-0.02
25) Fluoranthene-d10	19.28	212	140180	0.47	ng	0.00
29) Terphenyl-d14	19.87	244	48690	0.72	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.45	88	901	0.106	ng	# 20
3) n-Nitrosodimethylamine	3.73	42	1251	0.327	ng	# 1
22) Pentachlorophenol	16.91	266	489	0.241	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.33	149	36755	0.251	ng	# 67

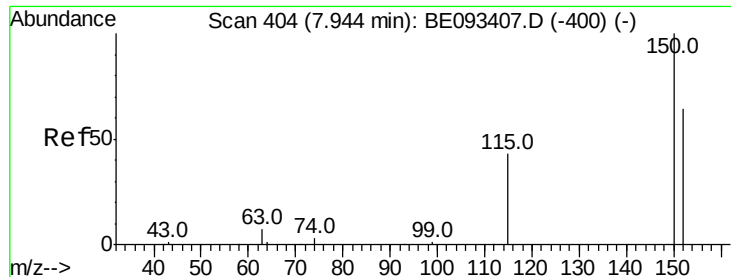
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093489.D

Acq: 19 Jul 2017 17:49

Instrument :

BNA_E

ClientSampleId :

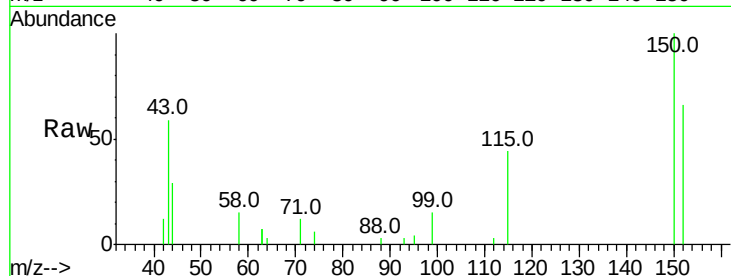
Tot Ion:152 Resp: 3997

Ion Ratio Lower Upper

152 100

150 152.3 125.1 187.7

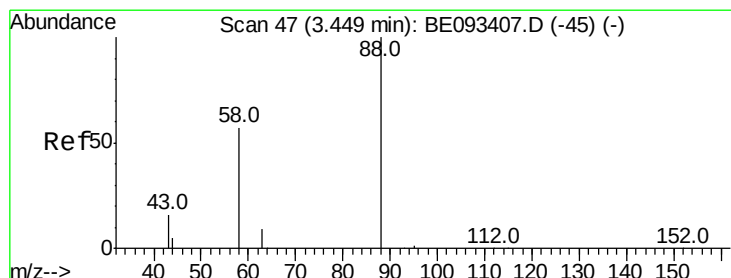
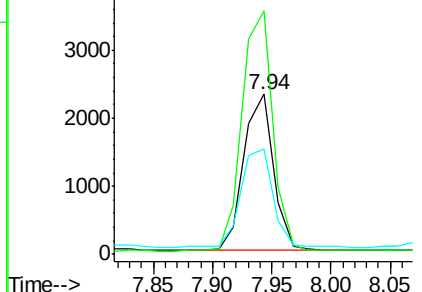
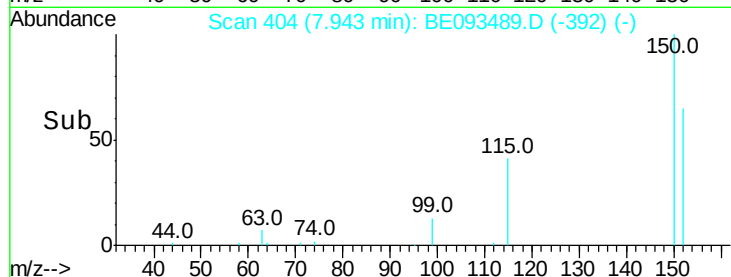
115 66.3 55.7 83.5



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: 0.106 ng

RT: 3.45 min Scan# 47

Delta R.T. -0.00 min

Lab File: BE093489.D

Acq: 19 Jul 2017 17:49

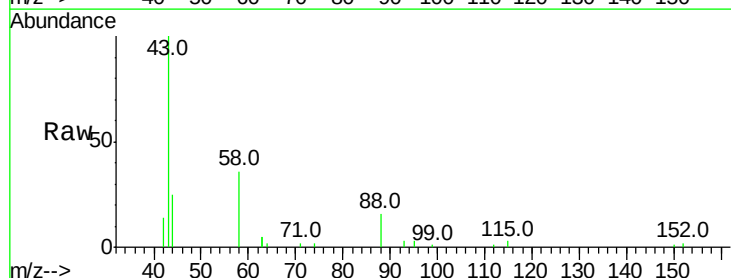
Tgt Ion: 88 Resp: 901

Ion Ratio Lower Upper

88 100

58 0.0 62.2 93.4#

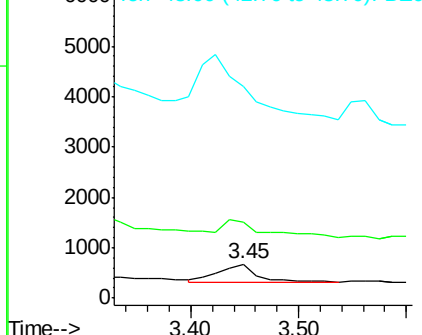
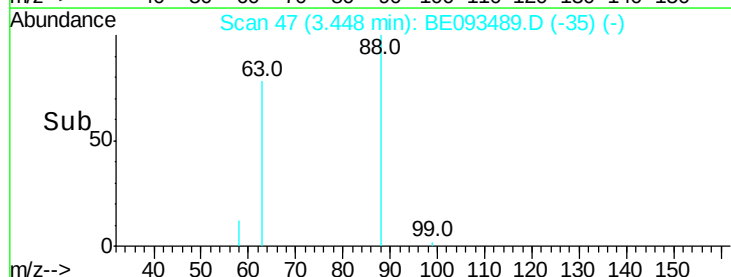
43 0.0 23.2 34.8#

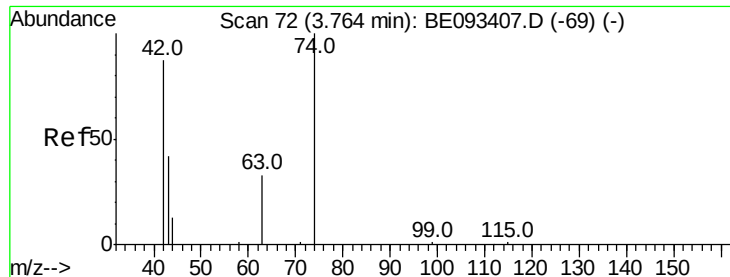


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.327 ng

RT: 3.73 min Scan# 69

Delta R.T. -0.04 min

Lab File: BE093489.D

Acq: 19 Jul 2017 17:49

Instrument :

BNA_E

ClientSampleId :

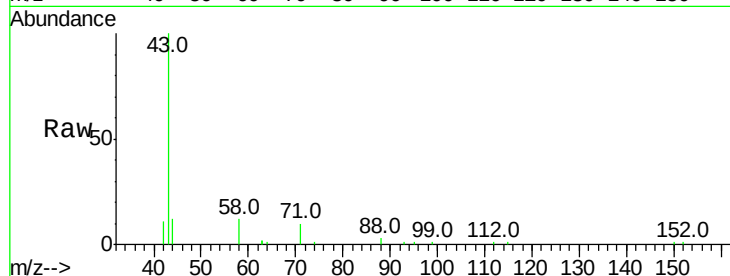
Tot Ion: 42 Resp: 1251

Ion Ratio Lower Upper

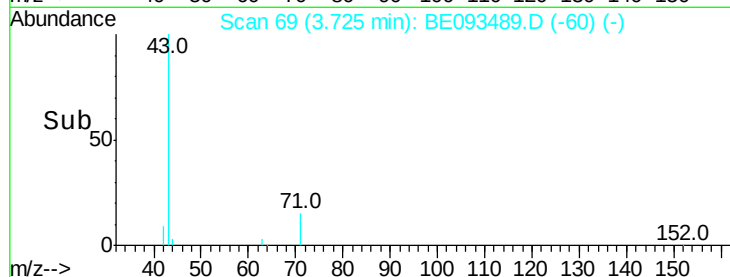
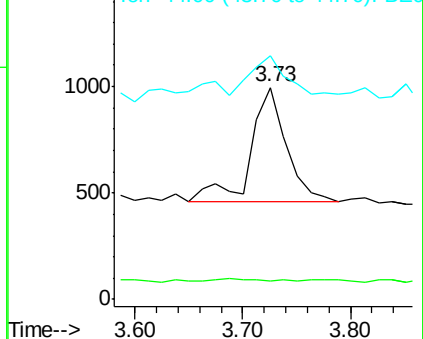
42 100

74 0.0 99.1 148.7#

44 38.8 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: 0.181 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093489.D

Acq: 19 Jul 2017 17:49

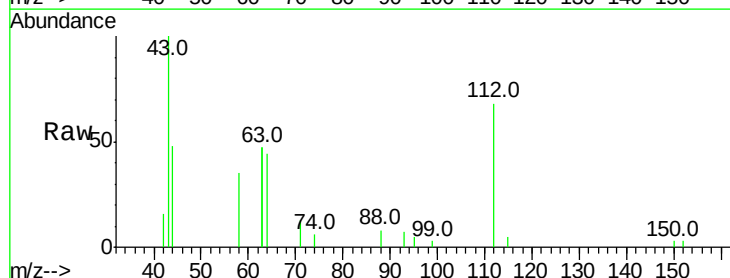
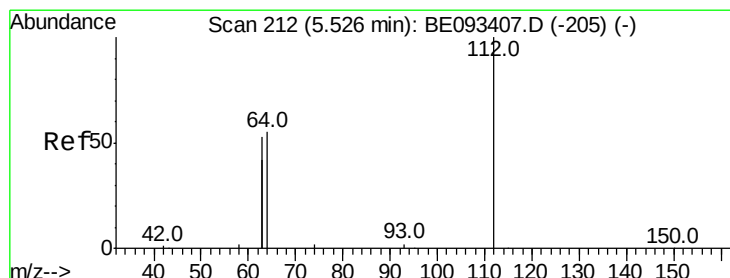
Tgt Ion: 112 Resp: 2178

Ion Ratio Lower Upper

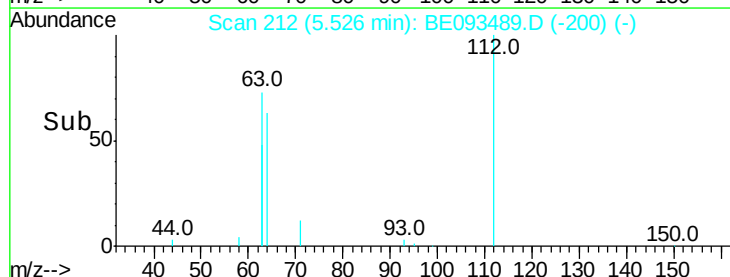
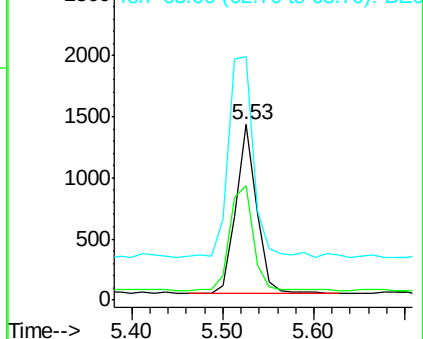
112 100

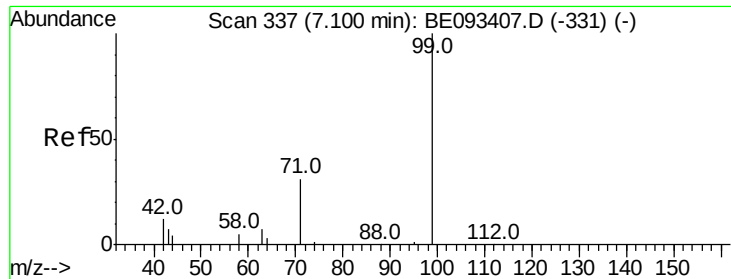
64 71.5 56.4 84.6

63 143.4 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: 0.133 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093489.D

Acq: 19 Jul 2017 17:49

Instrument :

BNA_E

ClientSampled :

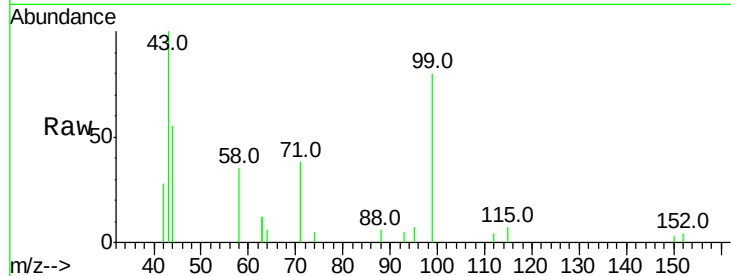
Tot Ion: 99 Resp: 2370

Ion Ratio Lower Upper

99 100

42 16.8 0.0 0.0#

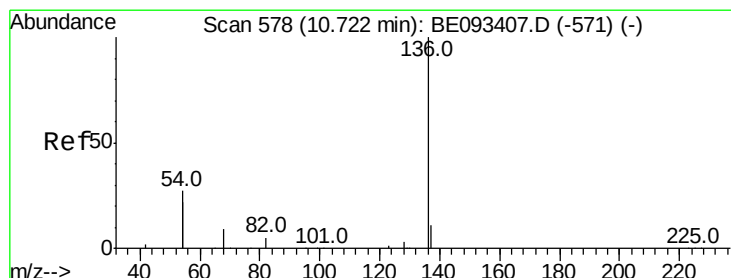
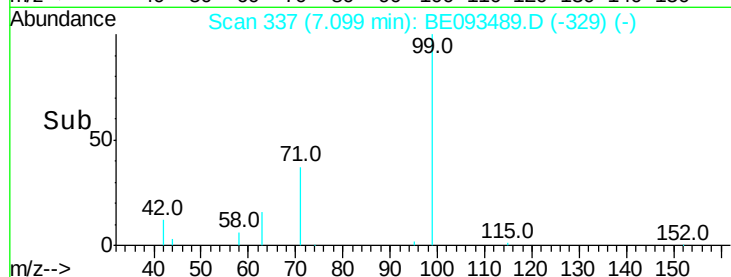
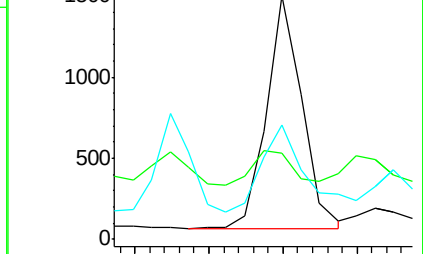
71 47.4 0.0 0.0#



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: BE093489.D

Acq: 19 Jul 2017 17:49

Tgt Ion: 136 Resp: 23264

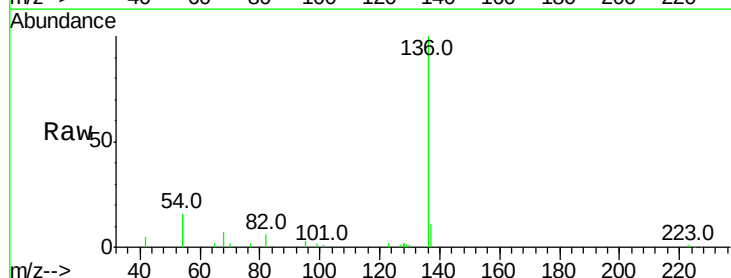
Ion Ratio Lower Upper

136 100

137 11.1 9.8 14.8

54 31.7 10.3 15.5#

68 7.0 9.0 13.4#

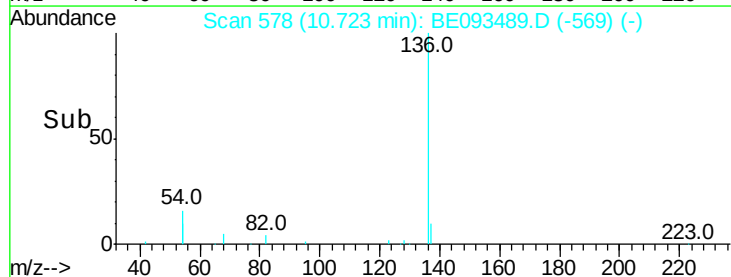
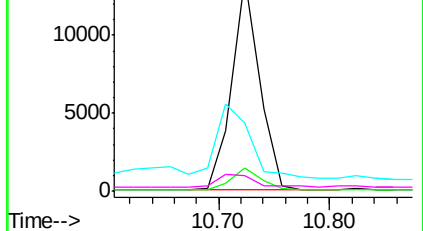


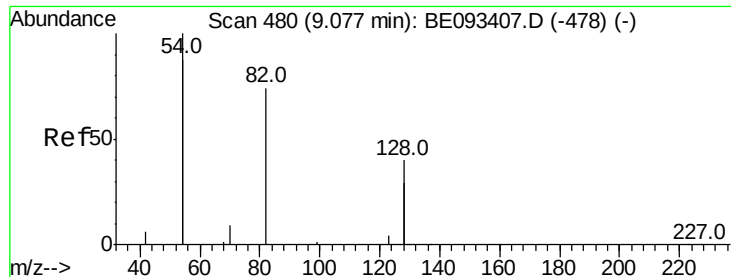
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.456 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093489.D

Acq: 19 Jul 2017 17:49

Instrument :

BNA_E

ClientSampleId :

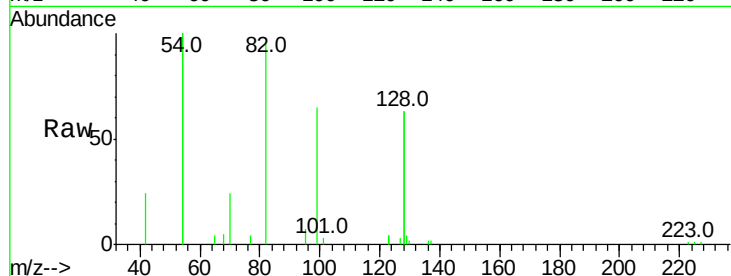
Tot Ion: 82 Resp: 6783

Ion Ratio Lower Upper

82 100

128 131.9 17.0 25.4#

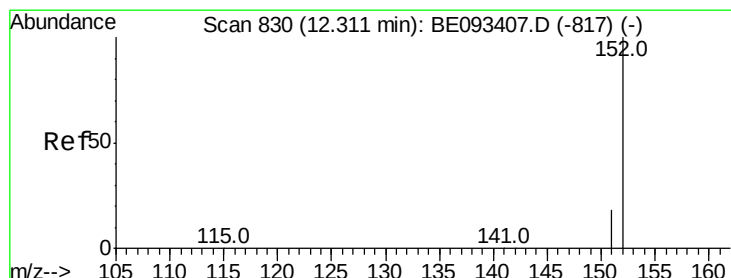
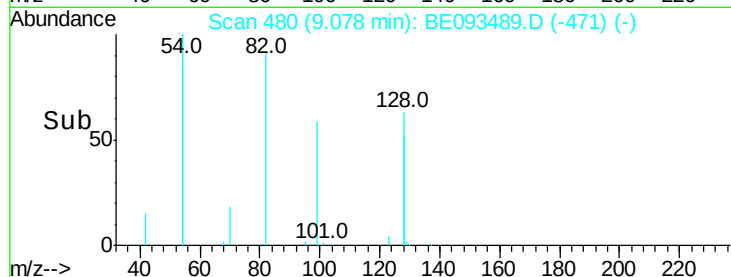
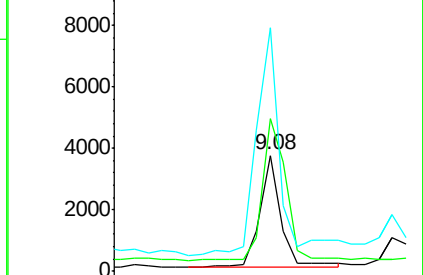
54 210.0 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093407.D (-478) (-)

Ion 128.00 (127.70 to 128.70): BE093407.D (-478) (-)

Ion 54.00 (53.70 to 54.70): BE093407.D (-478) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.326 ng

RT: 12.30 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE093489.D

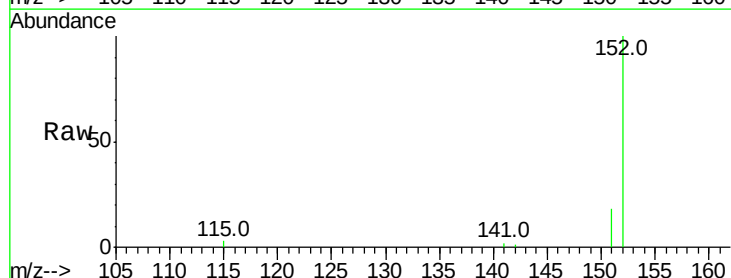
Acq: 19 Jul 2017 17:49

Tgt Ion: 152 Resp: 12104

Ion Ratio Lower Upper

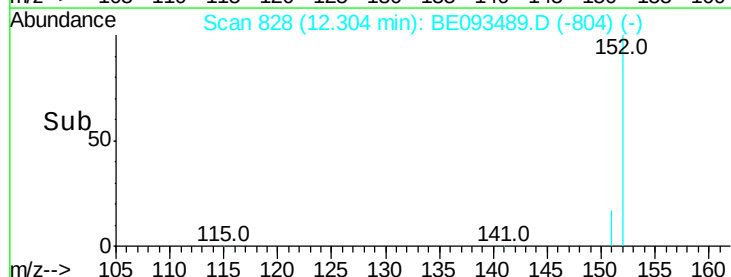
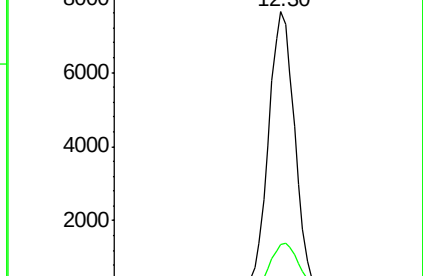
152 100

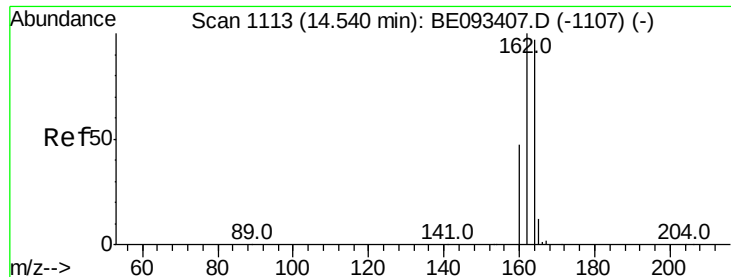
151 19.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE093407.D (-817) (-)

Ion 151.00 (150.70 to 151.70): BE093407.D (-817) (-)

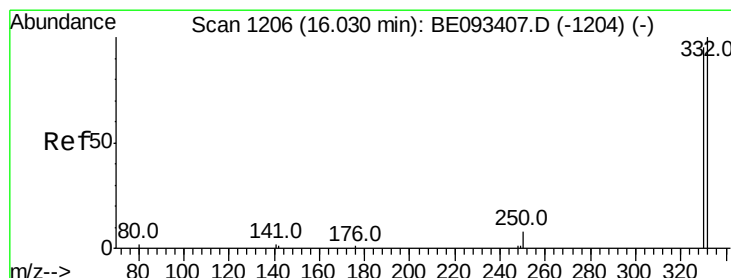
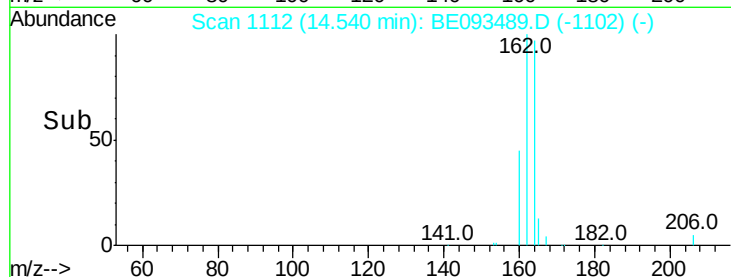
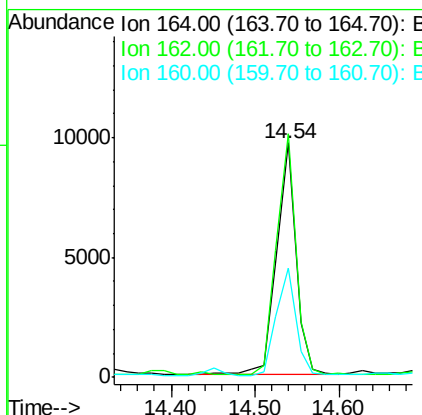
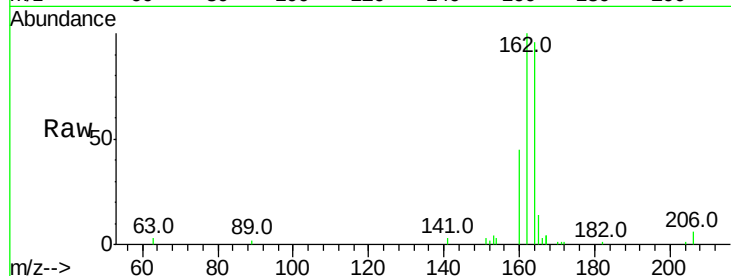




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093489.D
 Acq: 19 Jul 2017 17:49

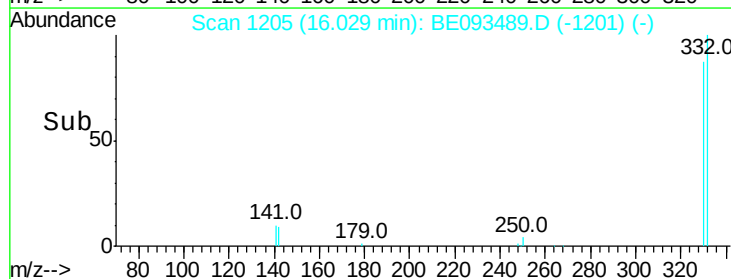
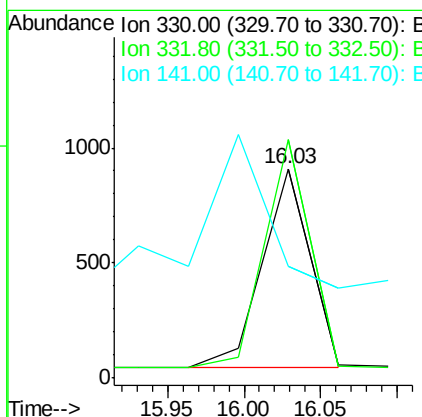
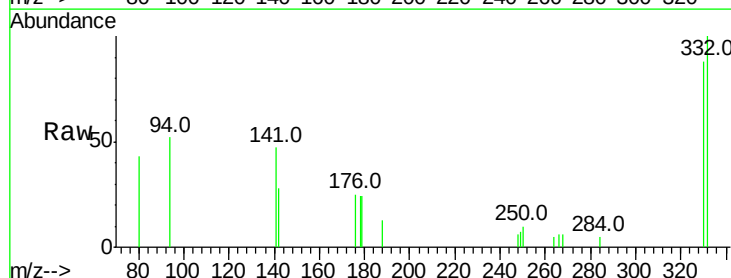
Instrument :
 BNA_E
 ClientSampleId :

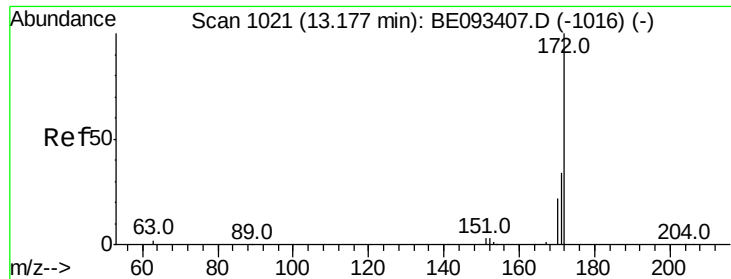
Tot Ion:164 Resp: 15493
 Ion Ratio Lower Upper
 164 100
 162 104.0 84.6 127.0
 160 46.7 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.382 ng
 RT: 16.03 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093489.D
 Acq: 19 Jul 2017 17:49

Tgt Ion:330 Resp: 1860
 Ion Ratio Lower Upper
 330 100
 332 110.0 77.7 116.5
 141 0.0 56.2 84.4#

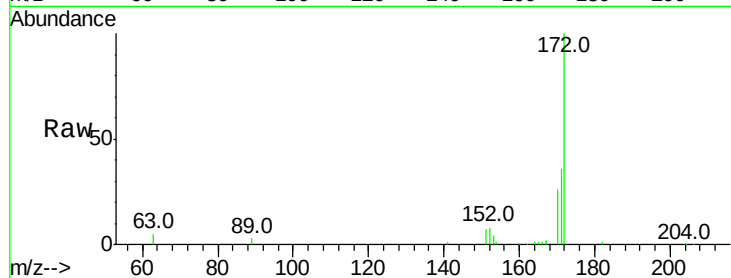




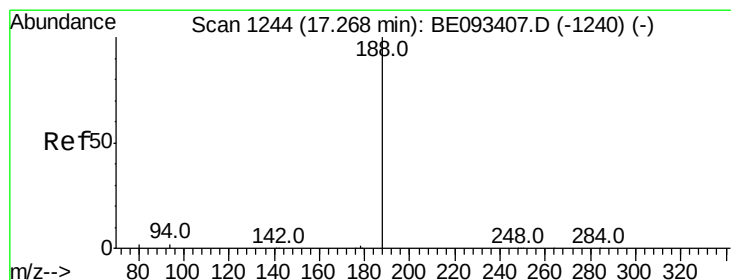
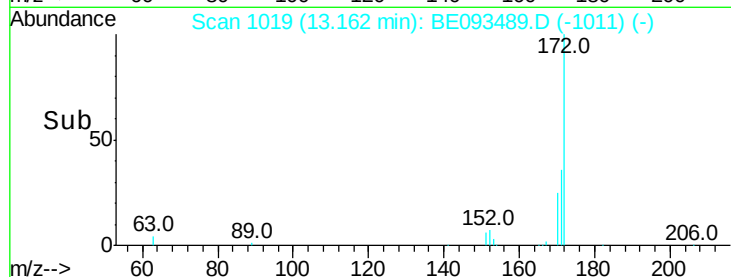
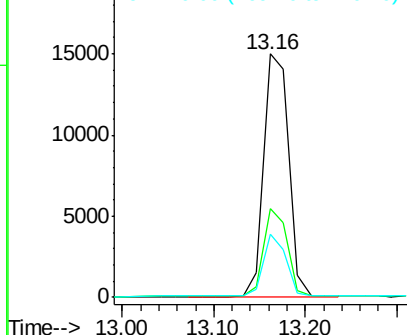
#15
2-Fluorobiphenyl
Concen: 0.470 ng
RT: 13.16 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093489.D
Acq: 19 Jul 2017 17:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 28279
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 25.8 20.7 31.1

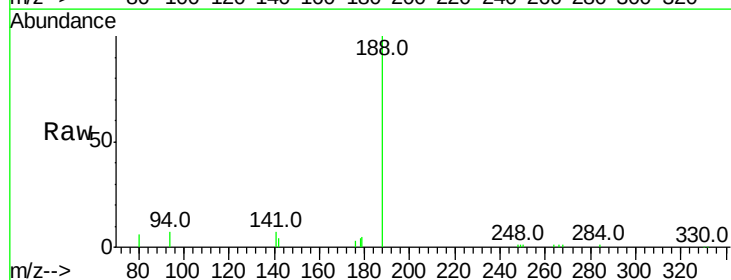


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

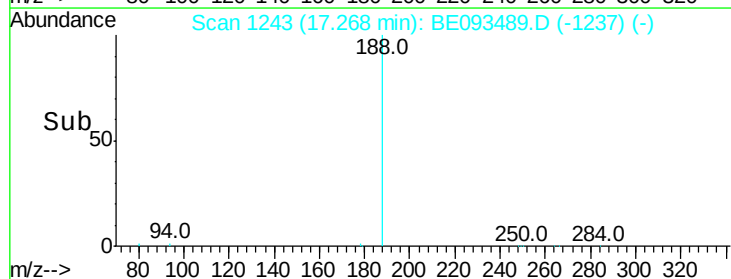
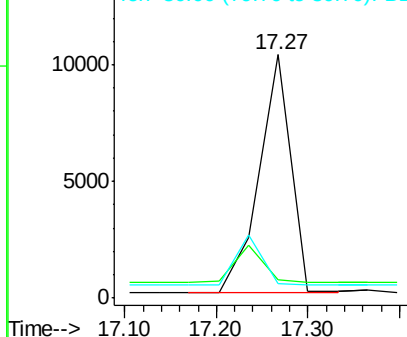


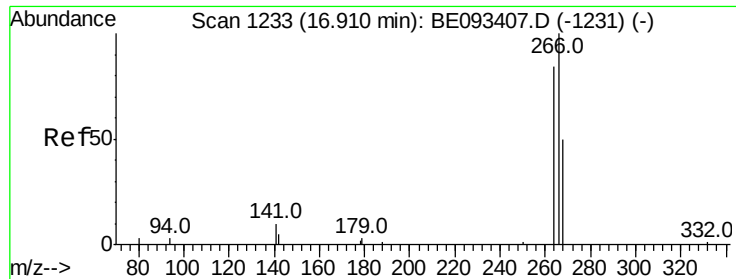
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093489.D
Acq: 19 Jul 2017 17:49

Tgt Ion:188 Resp: 24844
Ion Ratio Lower Upper
188 100
94 7.4 11.3 16.9#
80 6.0 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

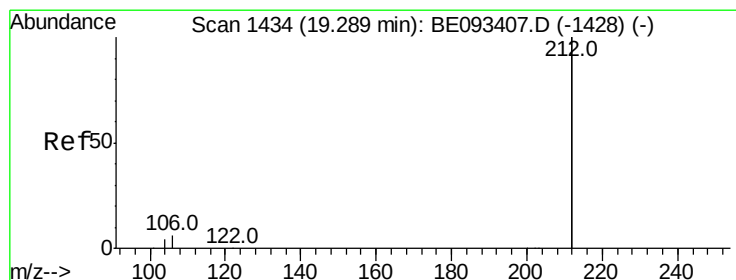
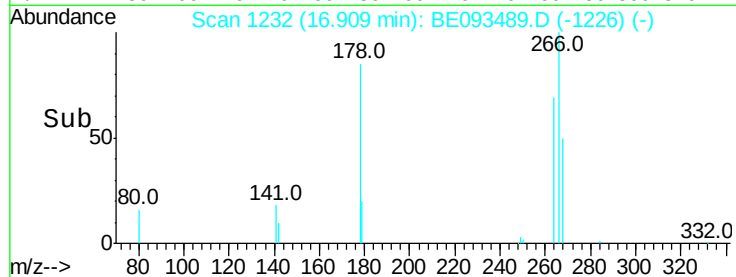
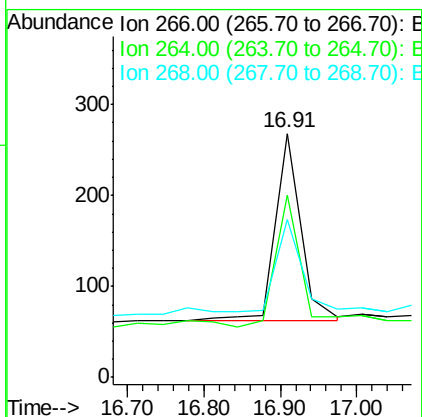
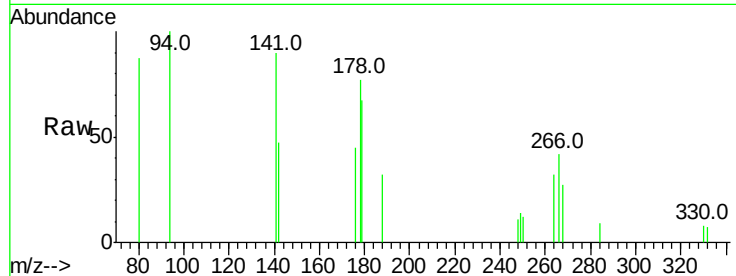




#22
 Pentachlorophenol
 Concen: 0.241 ng
 RT: 16.91 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BE093489.D
 Acq: 19 Jul 2017 17:49

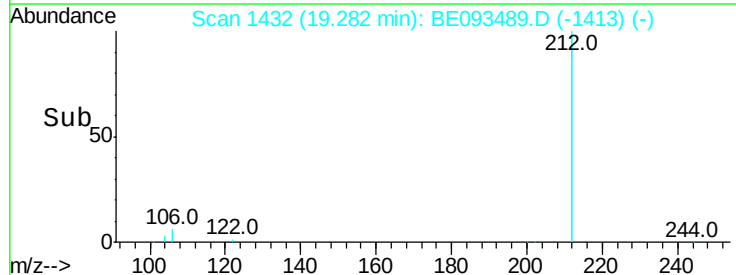
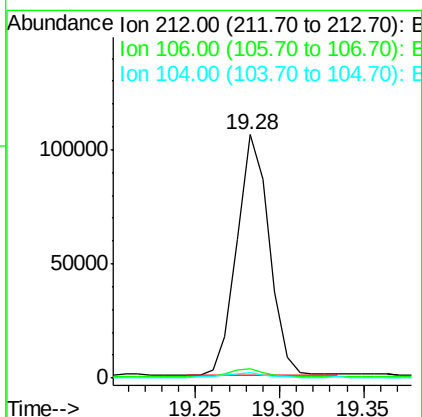
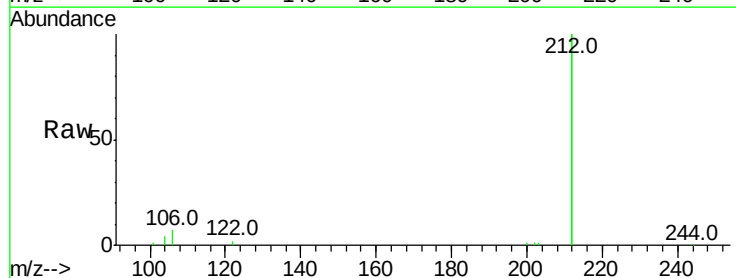
Instrument :
 BNA_E
 ClientSampleId :

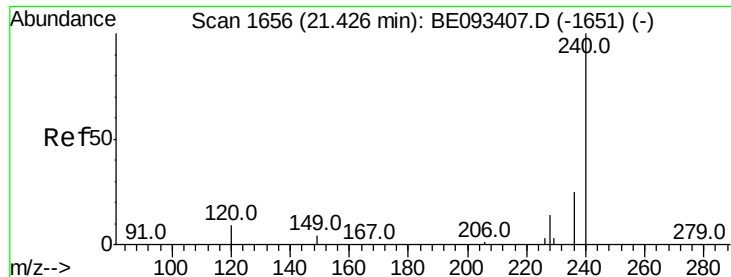
Tot Ion:266 Resp: 489
 Ion Ratio Lower Upper
 266 100
 264 75.0 58.2 87.2
 268 64.6 71.9 107.9#



#25
 Fluoranthene-d10
 Concen: 0.468 ng
 RT: 19.28 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE093489.D
 Acq: 19 Jul 2017 17:49

Tgt Ion:212 Resp: 140180
 Ion Ratio Lower Upper
 212 100
 106 3.6 2.4 3.6
 104 1.9 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093489.D

Acq: 19 Jul 2017 17:49

Instrument :

BNA_E

ClientSampleId :

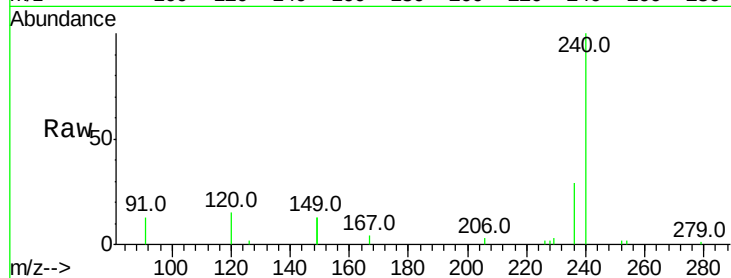
Tot Ion:240 Resp: 37621

Ion Ratio Lower Upper

240 100

120 14.6 4.6 7.0#

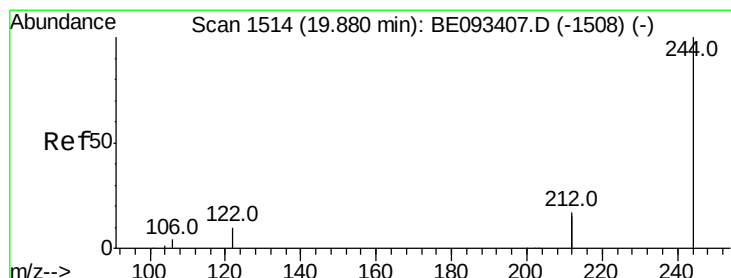
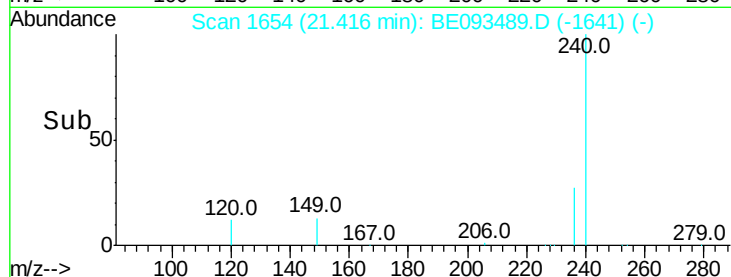
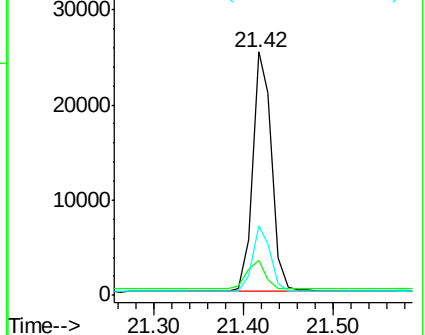
236 28.7 20.8 31.2



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: 0.725 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093489.D

Acq: 19 Jul 2017 17:49

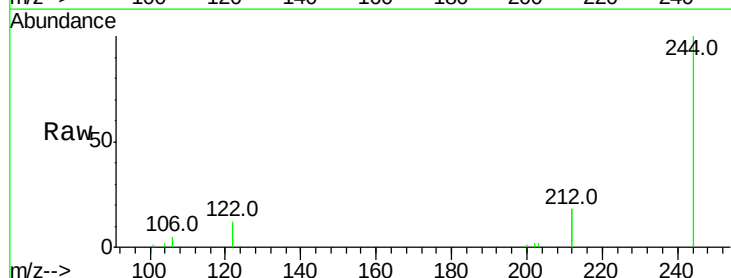
Tgt Ion:244 Resp: 48690

Ion Ratio Lower Upper

244 100

212 35.2 10.6 16.0#

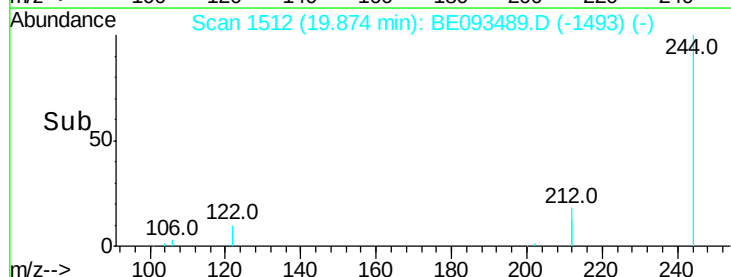
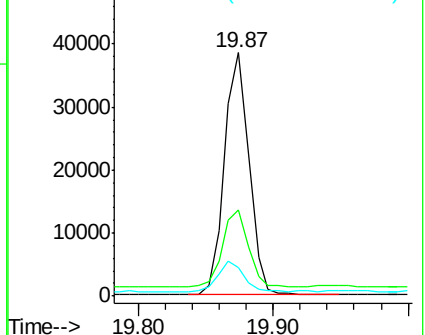
122 11.5 15.4 23.0#

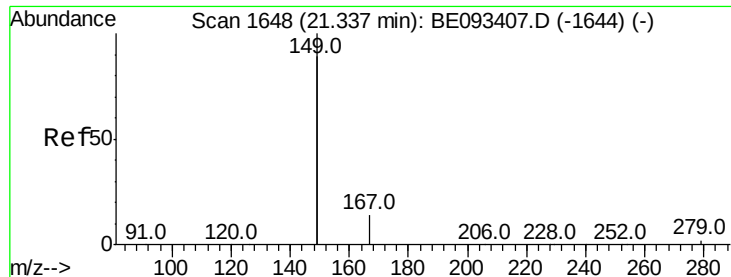


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.251 ng

RT: 21.33 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BE093489.D

Acq: 19 Jul 2017 17:49

Instrument :

BNA_E

ClientSampleId :

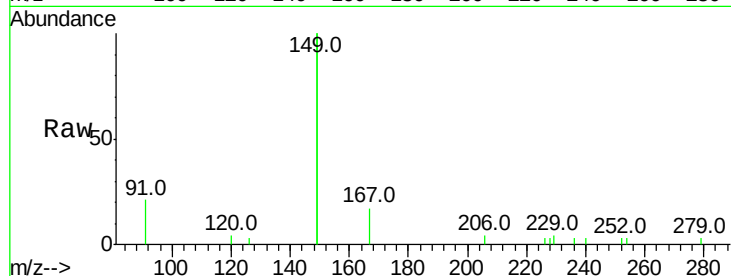
Tot Ion:149 Resp: 36755

Ion Ratio Lower Upper

149 100

167 7.1 20.1 30.1#

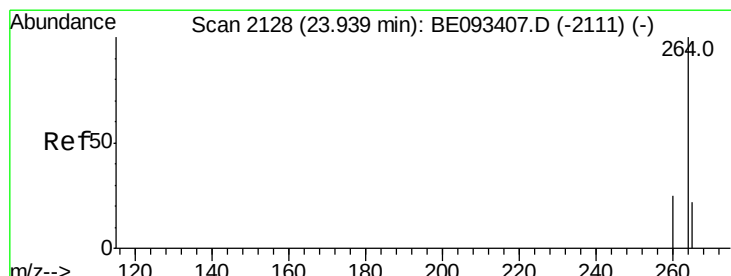
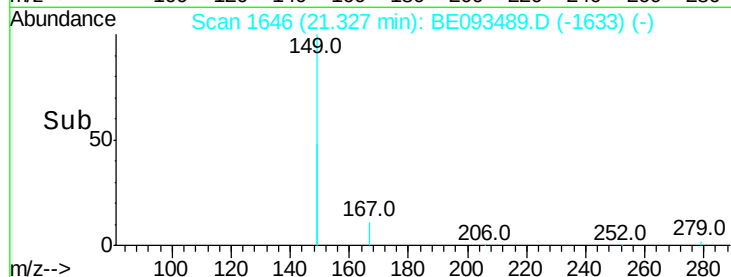
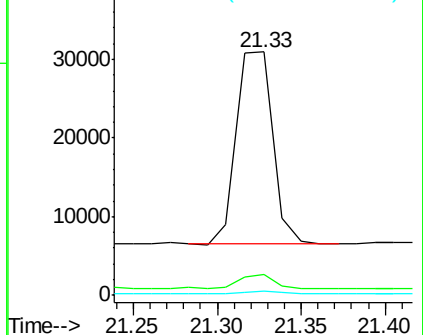
279 1.0 2.2 3.4#



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: BE093489.D

Acq: 19 Jul 2017 17:49

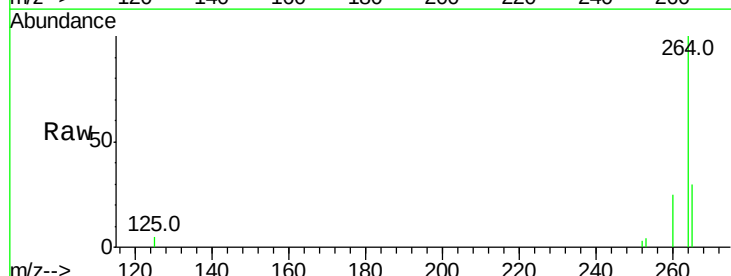
Tgt Ion:264 Resp: 32774

Ion Ratio Lower Upper

264 100

260 24.8 21.0 31.4

265 29.7 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

