

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071417\
 Data File : BE093464.D
 Acq On : 14 Jul 2017 10:25
 Operator : SJ/JU
 Sample : PB100626BL
 Misc : LOO 0.2 PPM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 17 01:26:18 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

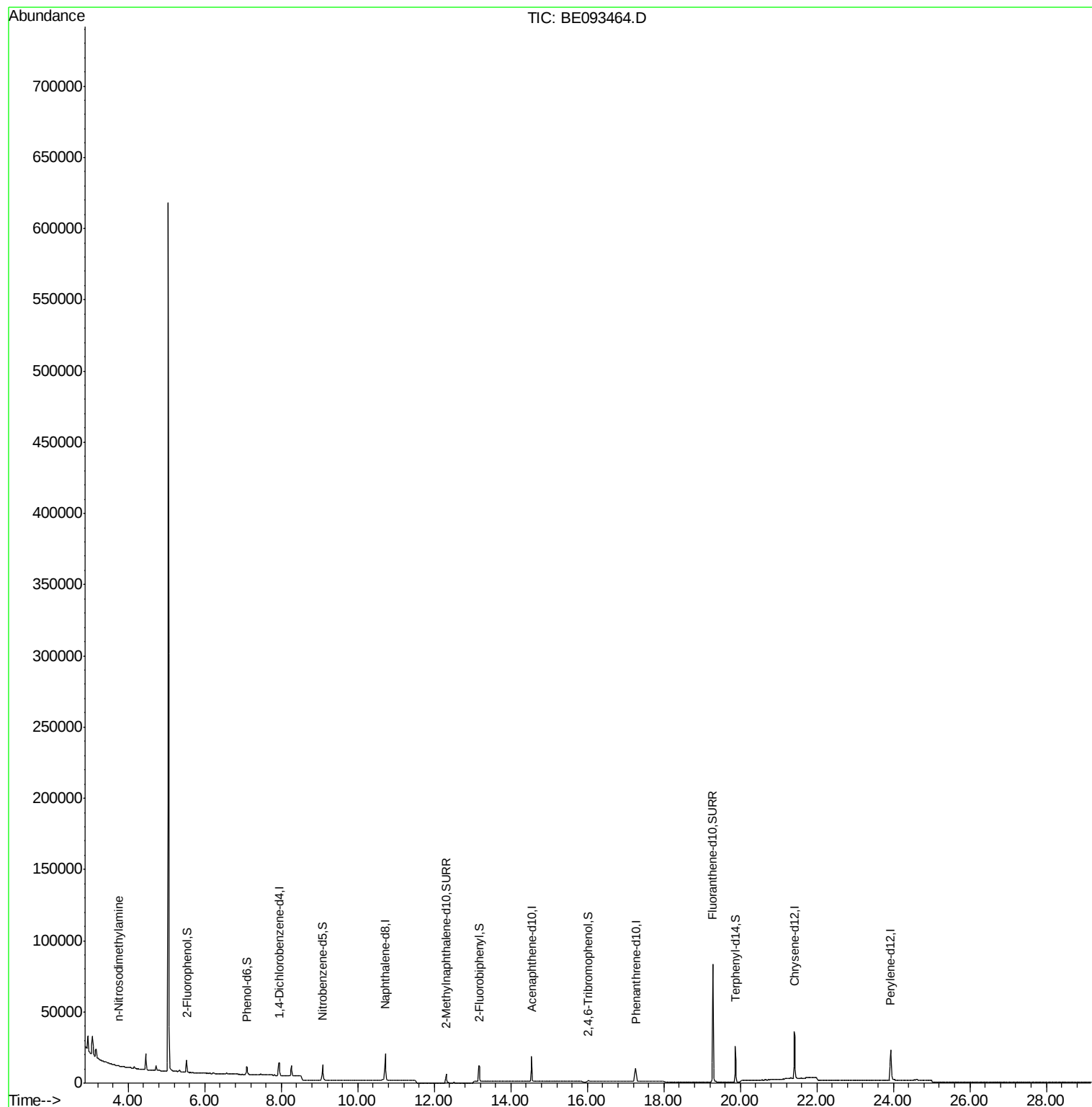
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	4896	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	21073	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	10594	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	21819	0.40	ng	0.00
27) Chrysene-d12	21.42	240	38275	0.40	ng	-0.01
34) Perylene-d12	23.93	264	33971	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	4833	0.33	ng	0.00
5) Phenol-d6	7.10	99	6713	0.31	ng	0.00
8) Nitrobenzene-d5	9.08	82	4346	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	9173	0.27	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	706	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	12653	0.31	ng	0.00
25) Fluoranthene-d10	19.28	212	113011	0.43	ng	0.00
29) Terphenyl-d14	19.87	244	20256	0.30	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.74	42	127	0.142	ng	# 1
22) Pentachlorophenol	16.91	266	39	Below Cal	#	78

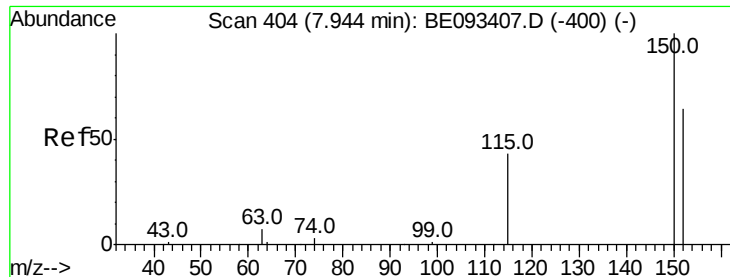
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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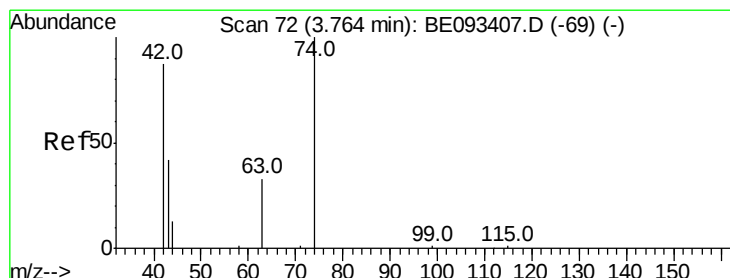
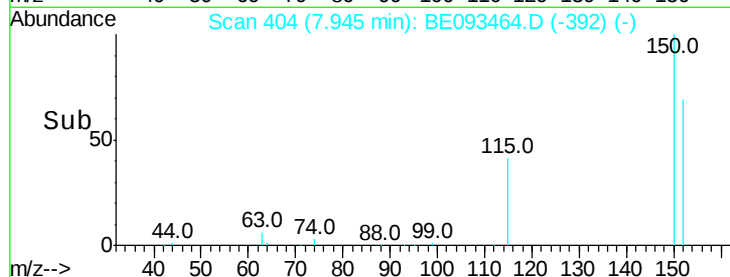
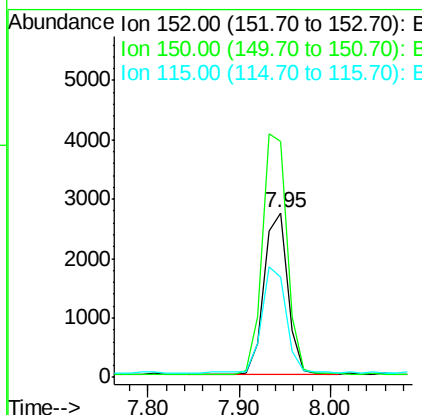
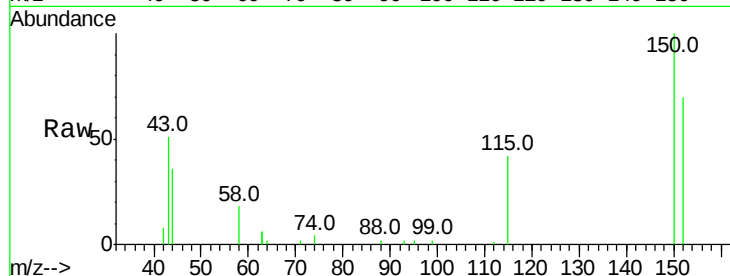


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.95 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BE093464.D
 Acq: 14 Jul 2017 10:25

Instrument :
 BNA_E
 ClientSampleId :

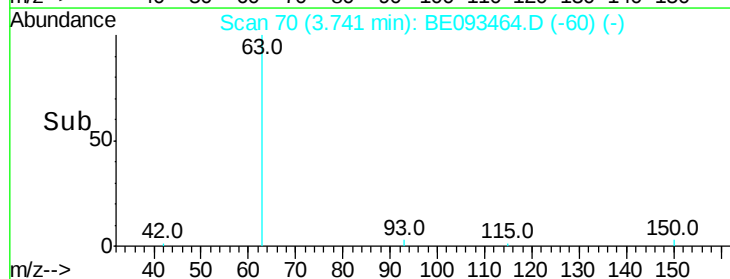
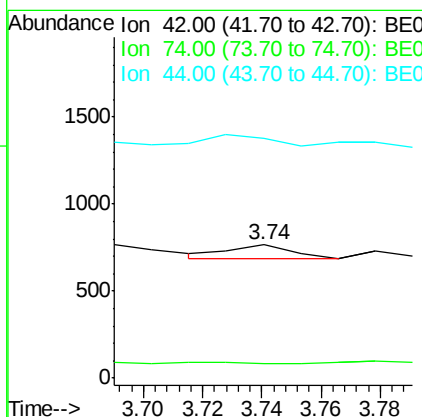
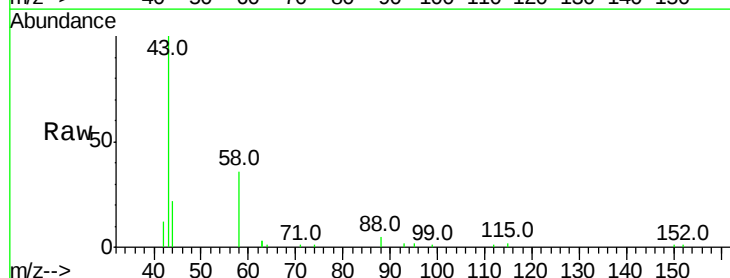
Tot Ion:152 Resp: 4896
 Ion Ratio Lower Upper
 152 100
 150 143.6 125.1 187.7
 115 60.8 55.7 83.5

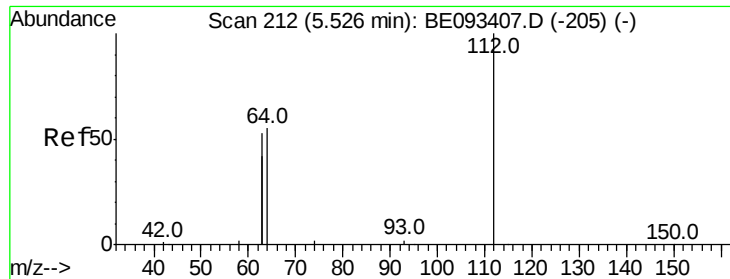


#3

n-Nitrosodimethylamine
 Concen: 0.142 ng
 RT: 3.74 min Scan# 70
 Delta R.T. -0.02 min
 Lab File: BE093464.D
 Acq: 14 Jul 2017 10:25

Tgt Ion: 42 Resp: 127
 Ion Ratio Lower Upper
 42 100
 74 0.0 99.1 148.7#
 44 131.5 7.4 11.2#





#4

2-Fluorophenol

Concen: 0.327 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE093464.D

Acq: 14 Jul 2017 10:25

Instrument :

BNA_E

ClientSampleId :

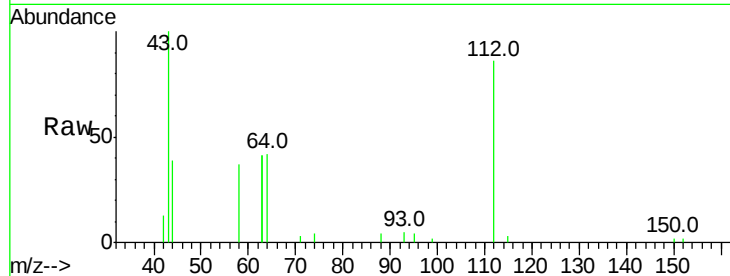
Tot Ion:112 Resp: 4833

Ion Ratio Lower Upper

112 100

64 68.7 56.4 84.6

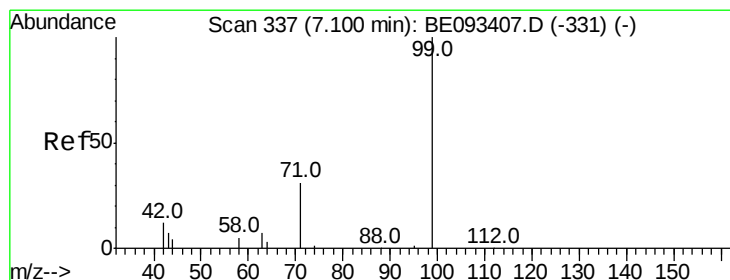
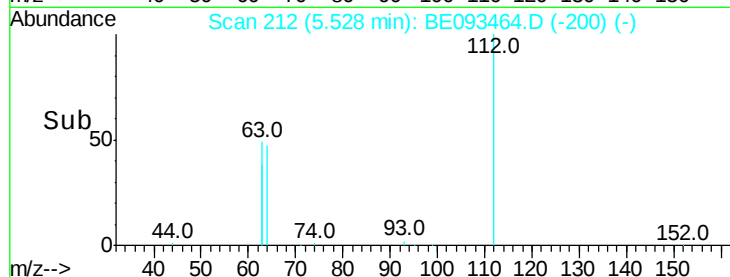
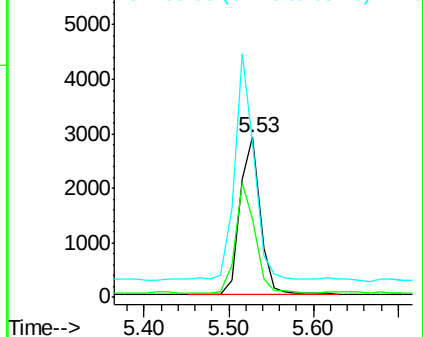
63 139.8 29.3 43.9#



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: 0.308 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093464.D

Acq: 14 Jul 2017 10:25

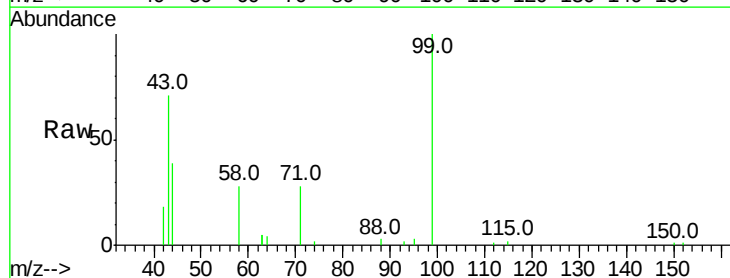
Tgt Ion: 99 Resp: 6713

Ion Ratio Lower Upper

99 100

42 20.5 0.0 0.0#

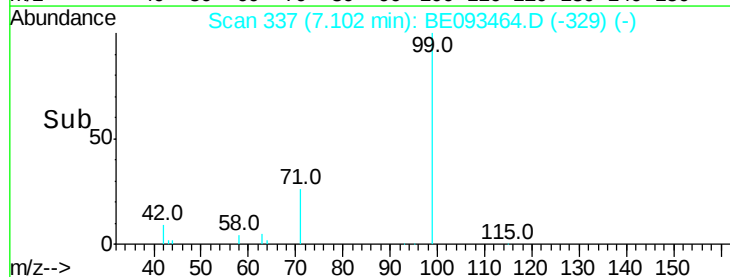
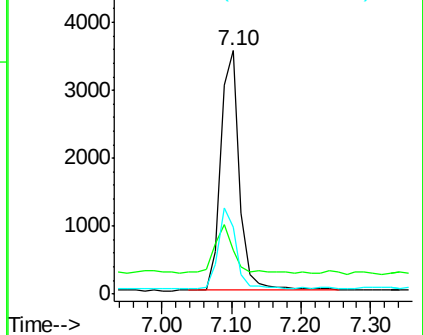
71 32.2 0.0 0.0#

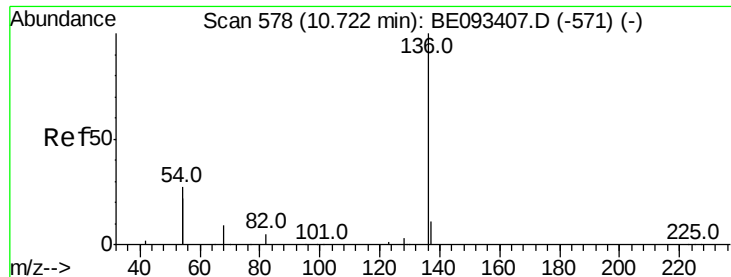


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE093464.D

Acq: 14 Jul 2017 10:25

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 21073

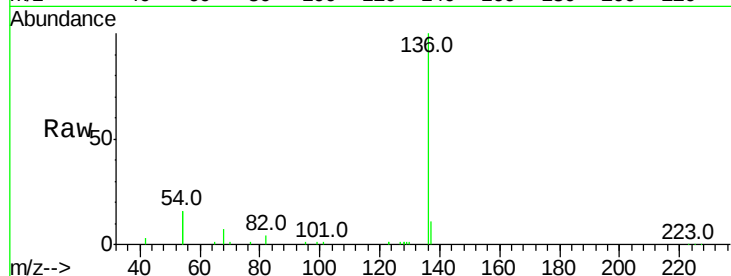
Ion Ratio Lower Upper

136 100

137 10.8 9.8 14.8

54 31.6 10.3 15.5#

68 6.7 9.0 13.4#

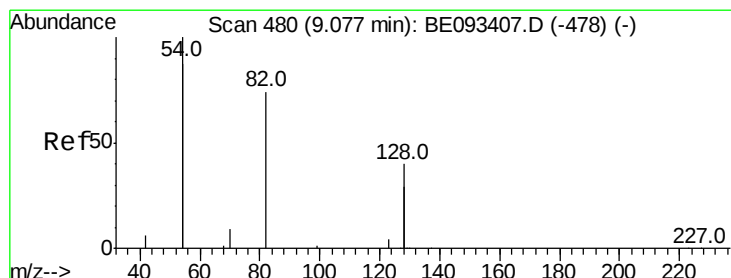
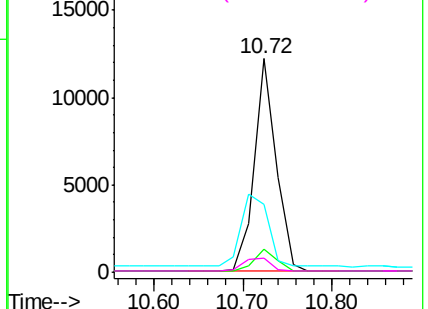
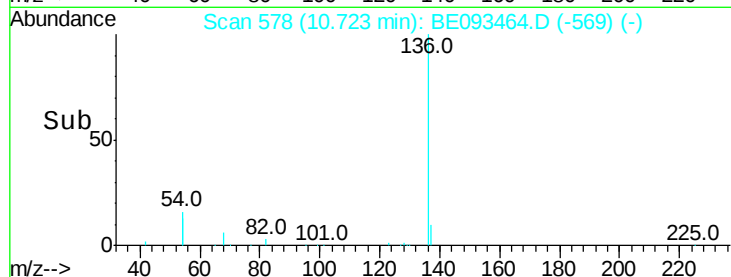


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.323 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093464.D

Acq: 14 Jul 2017 10:25

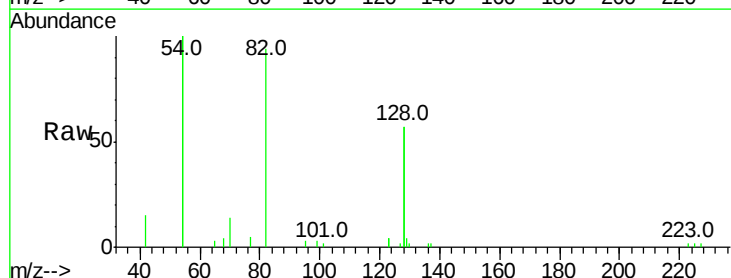
Tgt Ion: 82 Resp: 4346

Ion Ratio Lower Upper

82 100

128 121.0 17.0 25.4#

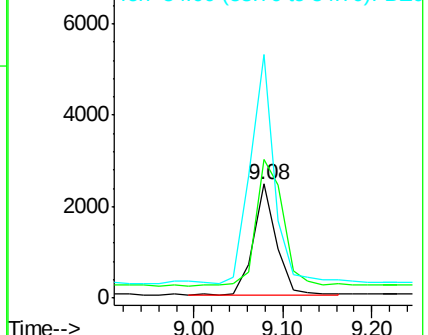
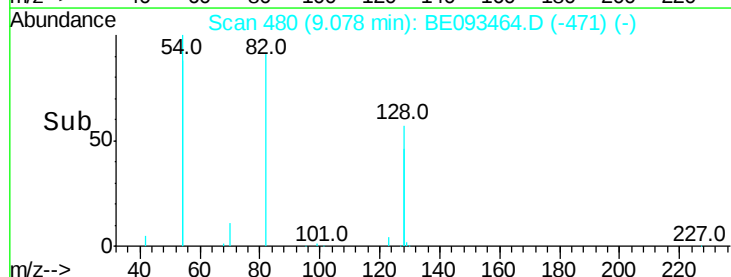
54 213.4 53.8 80.6#

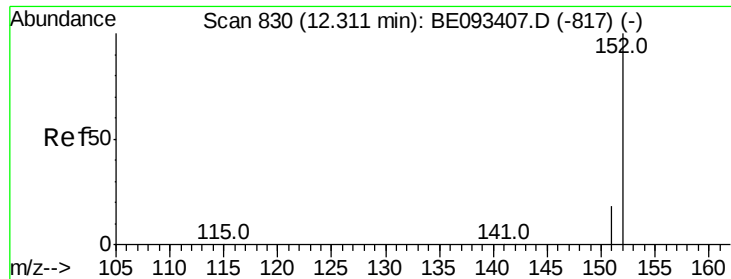


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

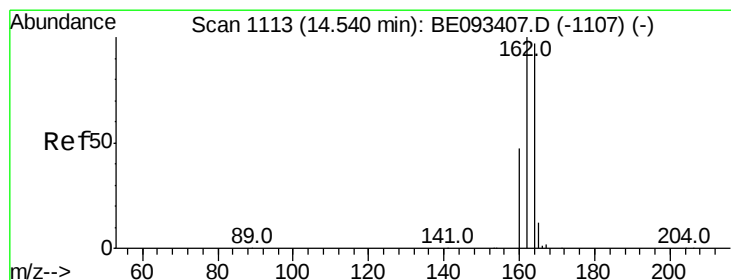
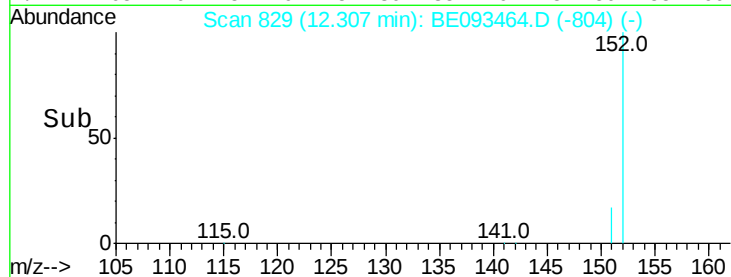
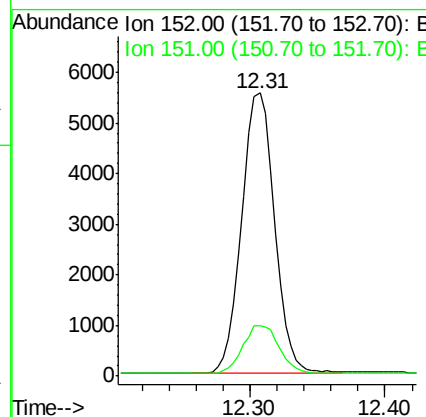
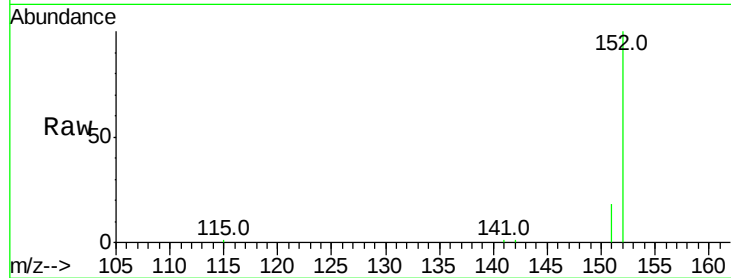




#11
 2-Methylnaphthalene-d10
 Concen: 0.273 ng
 RT: 12.31 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BE093464.D
 Acq: 14 Jul 2017 10:25

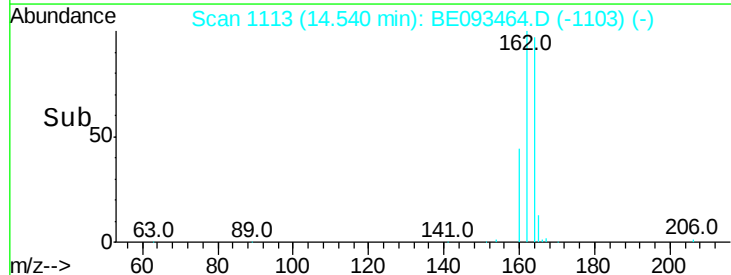
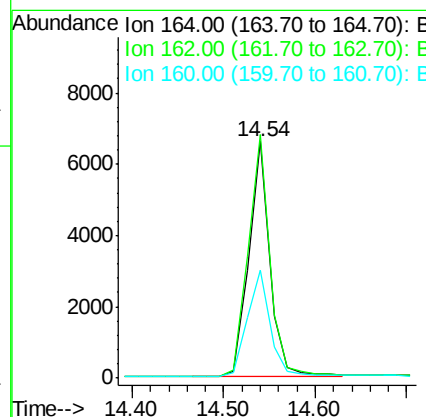
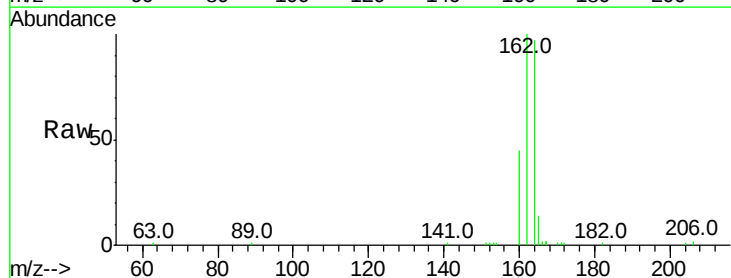
Instrument :
 BNA_E
 ClientSampleId :

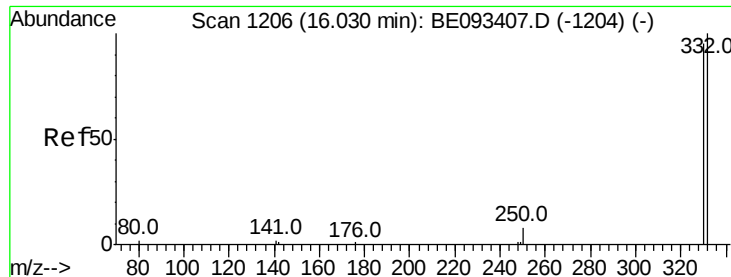
Tot Ion:152 Resp: 9173
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BE093464.D
 Acq: 14 Jul 2017 10:25

Tgt Ion:164 Resp: 10594
 Ion Ratio Lower Upper
 164 100
 162 102.8 84.6 127.0
 160 45.8 41.8 62.6

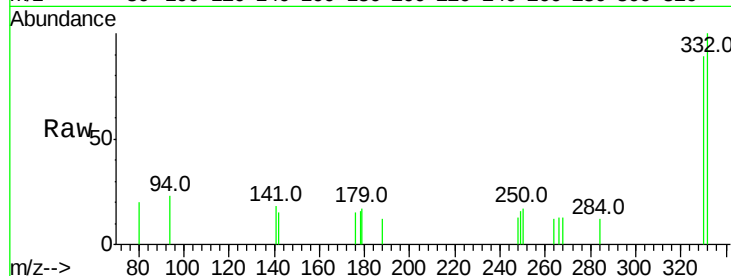




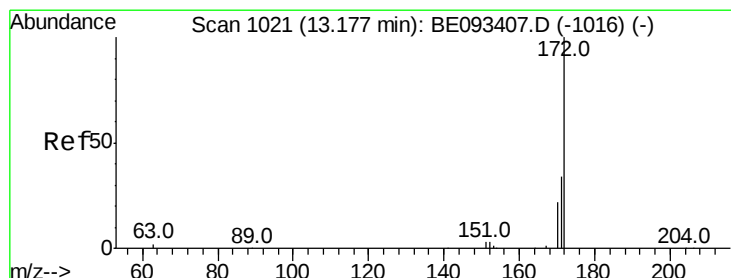
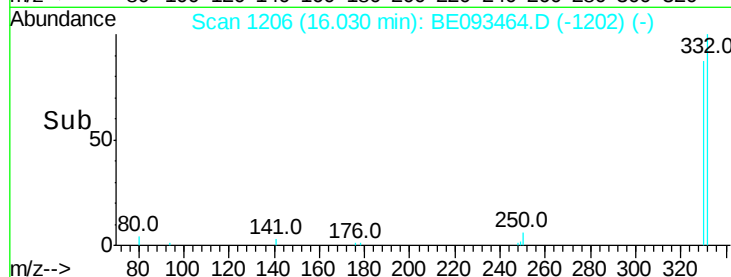
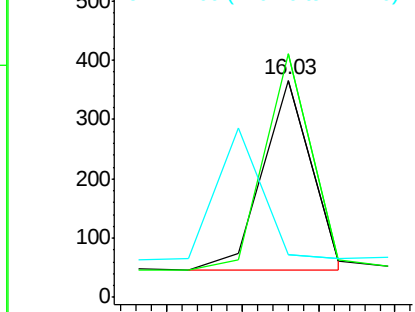
#14
 2,4,6-Tribromophenol
 Concen: 0.212 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093464.D
 Acq: 14 Jul 2017 10:25

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 706
 Ion Ratio Lower Upper
 330 100
 332 109.6 77.7 116.5
 141 0.0 56.2 84.4#

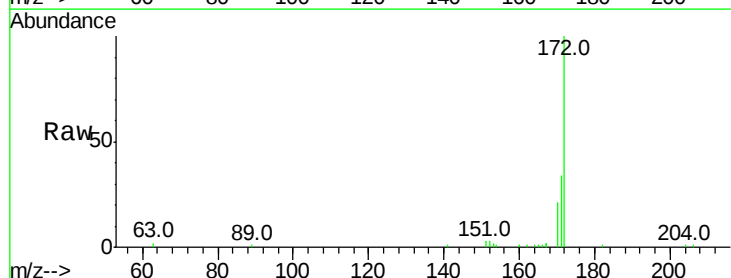


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

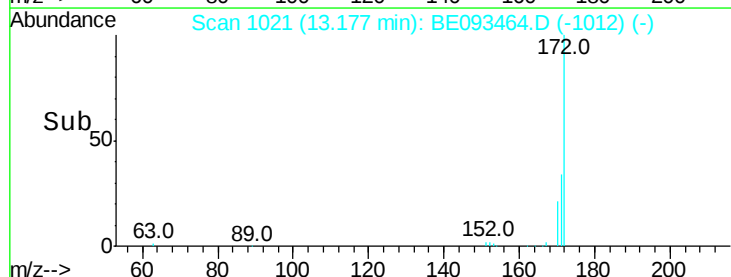
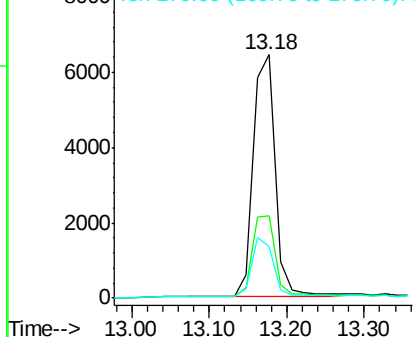


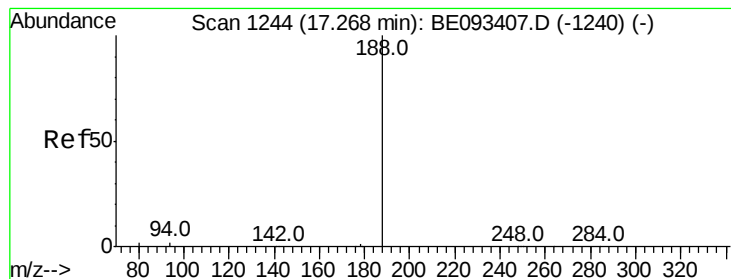
#15
 2-Fluorobiphenyl
 Concen: 0.308 ng
 RT: 13.18 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BE093464.D
 Acq: 14 Jul 2017 10:25

Tgt Ion:172 Resp: 12653
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.8 44.6
 170 21.2 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: BE093464.D

Acq: 14 Jul 2017 10:25

Instrument :

BNA_E

ClientSampleId :

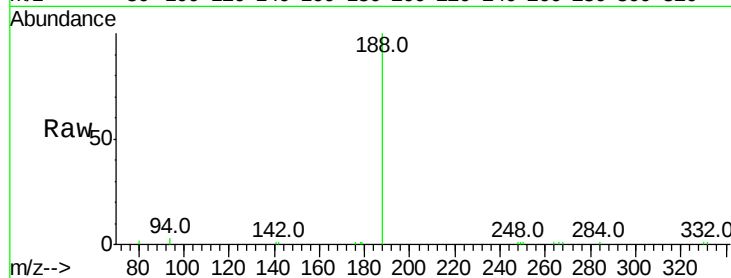
Tot Ion:188 Resp: 21819

Ion Ratio Lower Upper

188 100

94 2.9 11.3 16.9#

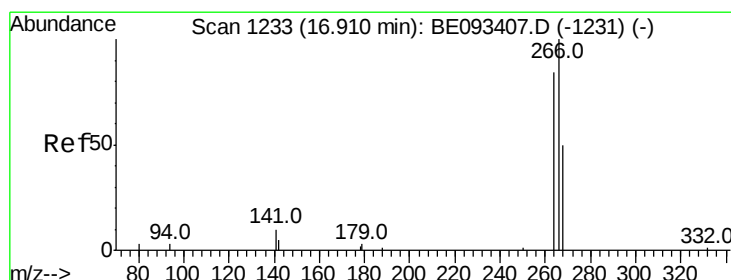
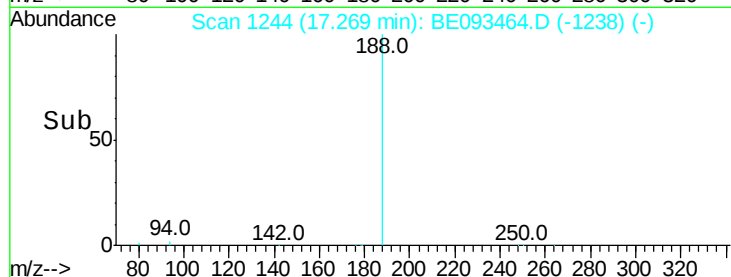
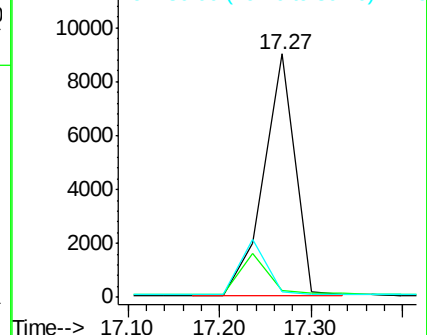
80 2.4 11.7 17.5#



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: Below Cal

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093464.D

Acq: 14 Jul 2017 10:25

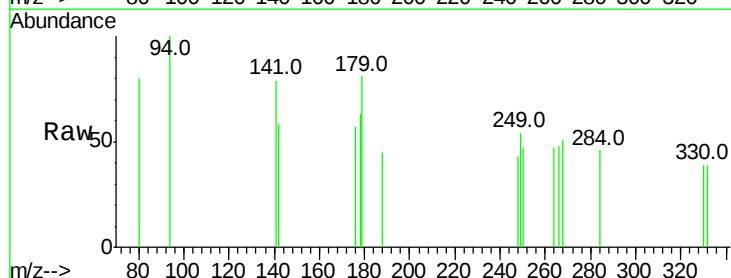
Tgt Ion:266 Resp: 39

Ion Ratio Lower Upper

266 100

264 96.6 58.2 87.2#

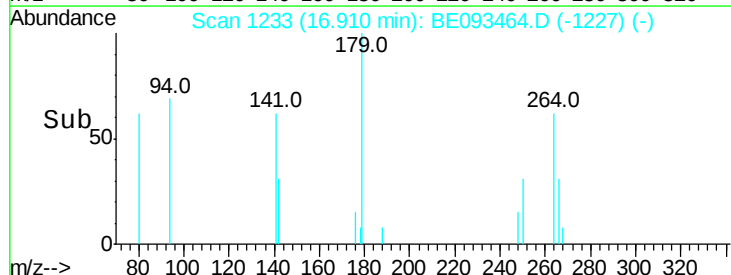
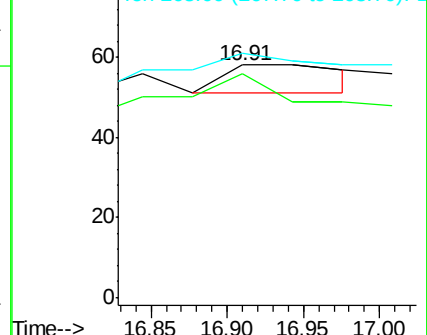
268 105.2 71.9 107.9

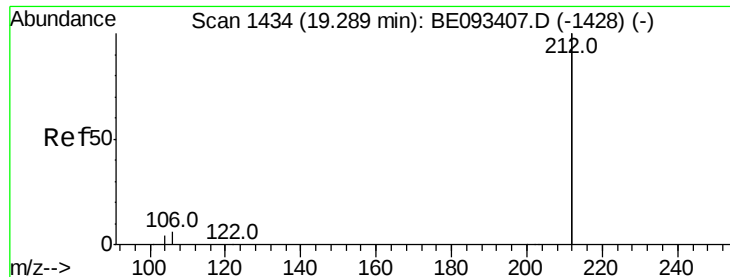


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.430 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093464.D

Acq: 14 Jul 2017 10:25

Instrument :

BNA_E

ClientSampleId :

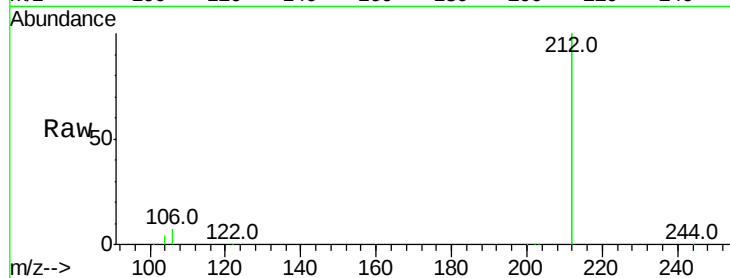
Tot Ion:212 Resp: 113011

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

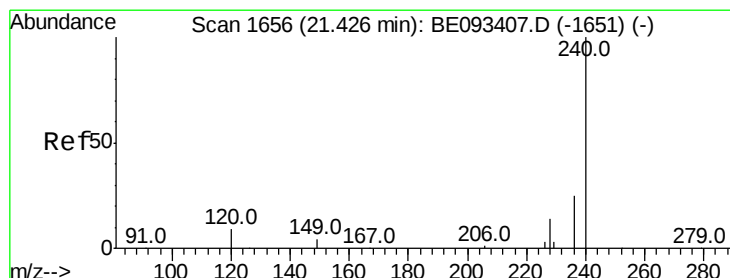
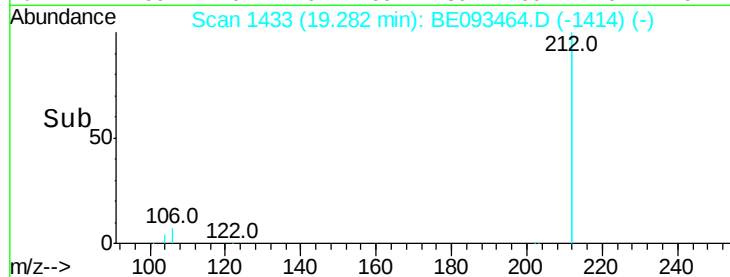
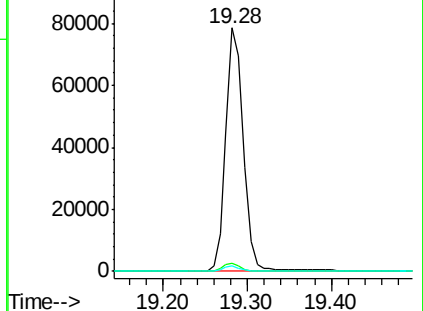
104 2.0 1.6 2.4



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: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093464.D

Acq: 14 Jul 2017 10:25

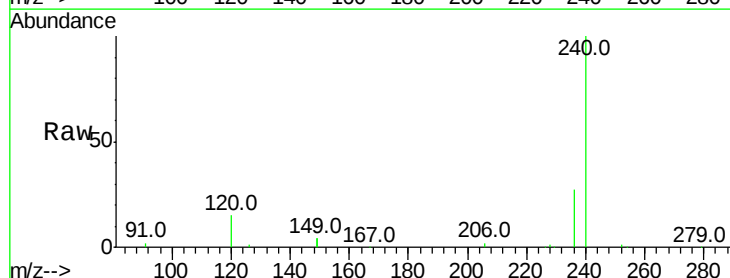
Tgt Ion:240 Resp: 38275

Ion Ratio Lower Upper

240 100

120 15.4 4.6 7.0#

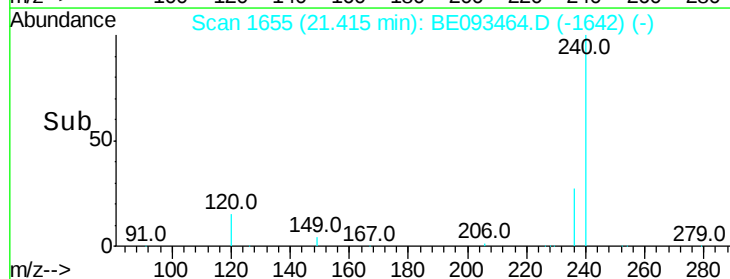
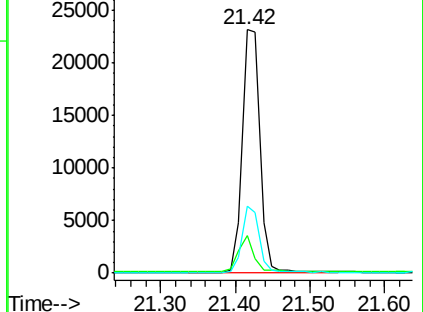
236 27.3 20.8 31.2

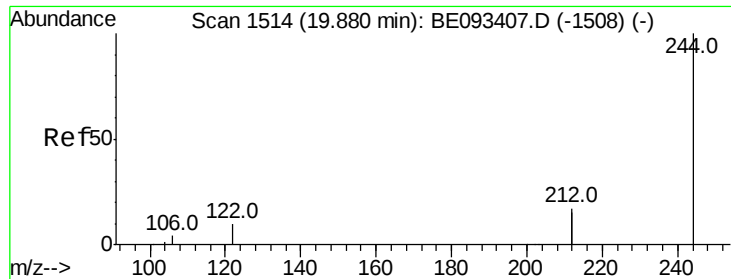


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.296 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

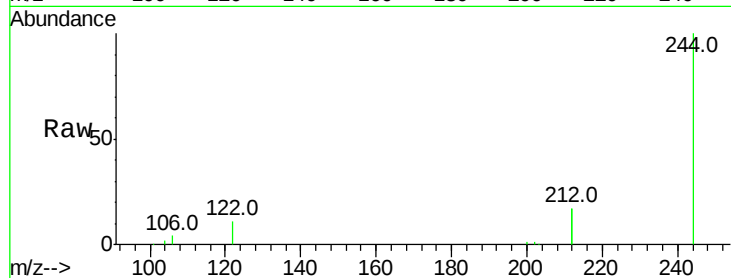
Lab File: BE093464.D

Acq: 14 Jul 2017 10:25

Instrument :

BNA_E

ClientSampleId :



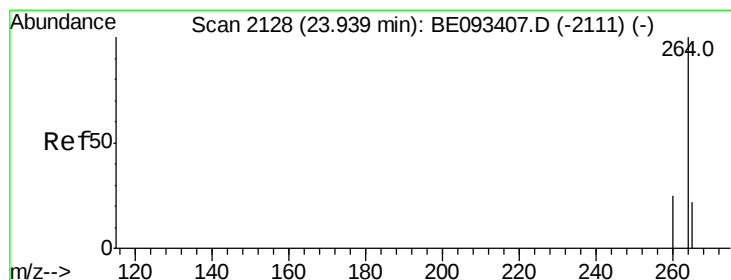
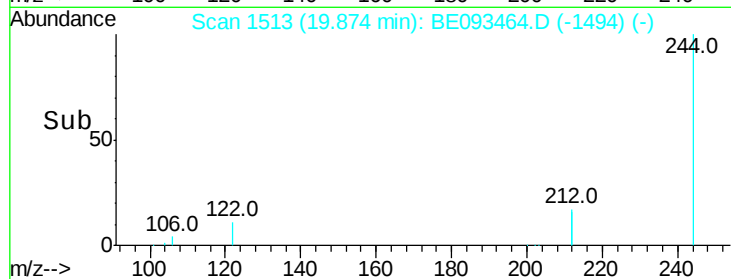
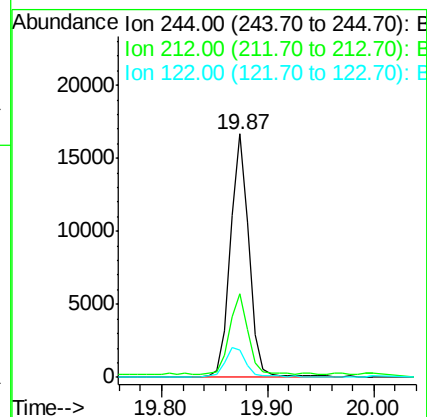
Tot Ion:244 Resp: 20256

Ion Ratio Lower Upper

244 100

212 34.4 10.6 16.0#

122 11.4 15.4 23.0#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BE093464.D

Acq: 14 Jul 2017 10:25

Tgt Ion:264 Resp: 33971

Ion Ratio Lower Upper

264 100

260 24.3 21.0 31.4

265 27.4 24.6 36.8

