

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093492.D
 Acq On : 19 Jul 2017 19:42
 Operator : SJ/JU
 Sample : I4199-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 20 12:03:32 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

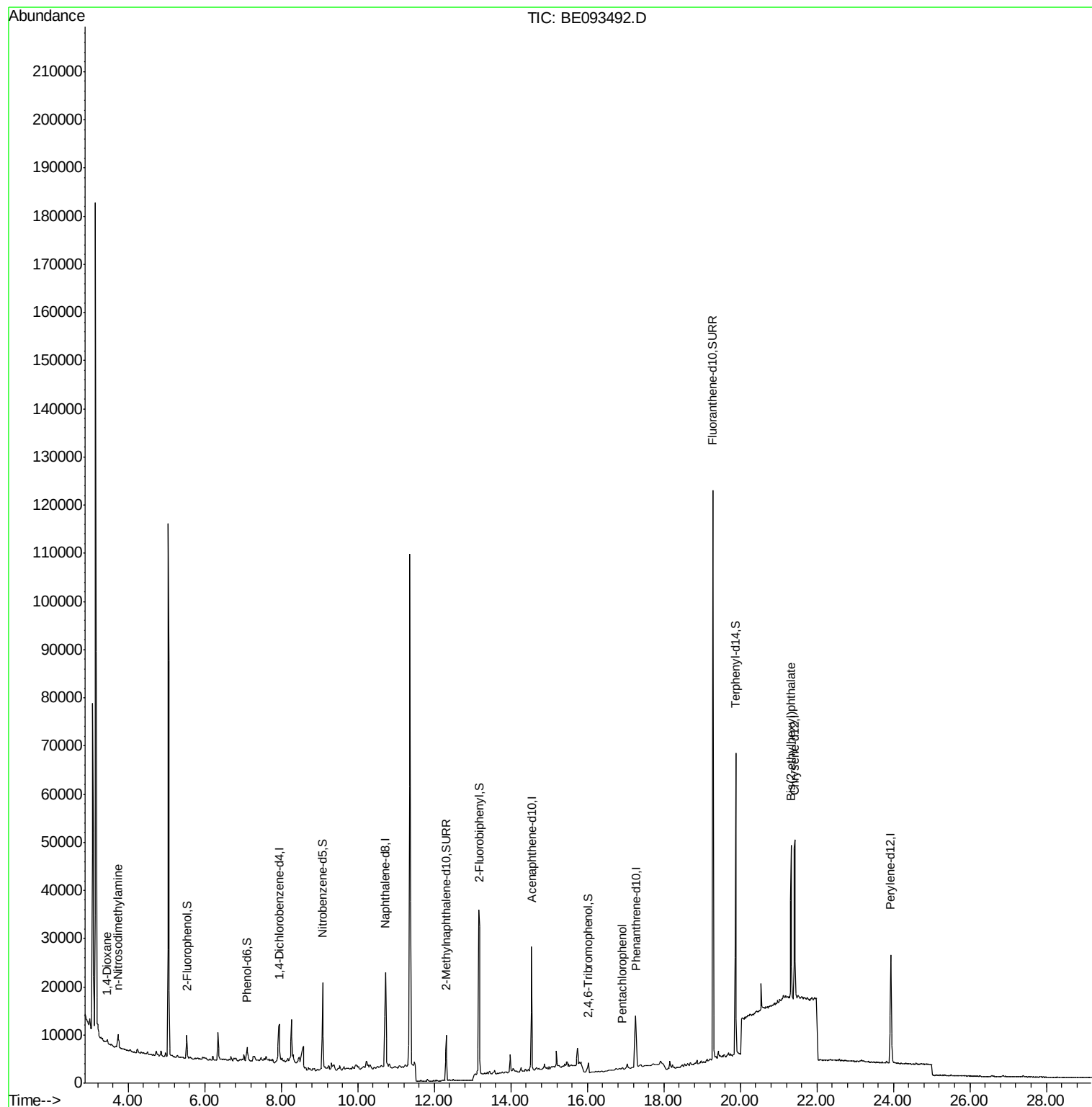
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3883	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	22652	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	15027	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	25130	0.40	ng	0.00
27) Chrysene-d12	21.43	240	38624	0.40	ng	0.00
34) Perylene-d12	23.93	264	33310	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2540	0.22	ng	0.00
5) Phenol-d6	7.10	99	2768	0.16	ng	0.00
8) Nitrobenzene-d5	9.08	82	7064	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	12902	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1965	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	37655	0.65	ng	0.00
25) Fluoranthene-d10	19.28	212	154638	0.51	ng	0.00
29) Terphenyl-d14	19.87	244	52940	0.77	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.45	88	659	0.080	ng	# 56
3) n-Nitrosodimethylamine	3.73	42	540	0.215	ng	# 1
22) Pentachlorophenol	16.91	266	432	0.203	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.33	149	38322	0.255	ng	# 67

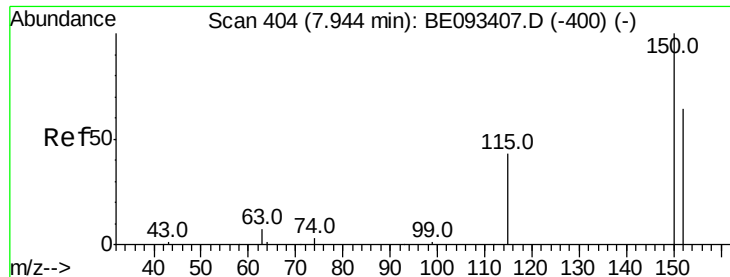
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093492.D

Acq: 19 Jul 2017 19:42

Instrument :

BNA_E

ClientSampled :

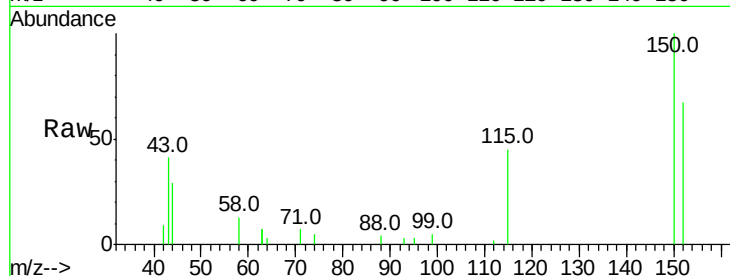
Tot Ion:152 Resp: 3883

Ion Ratio Lower Upper

152 100

150 148.8 125.1 187.7

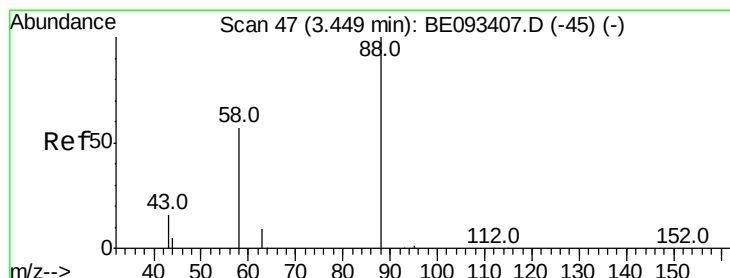
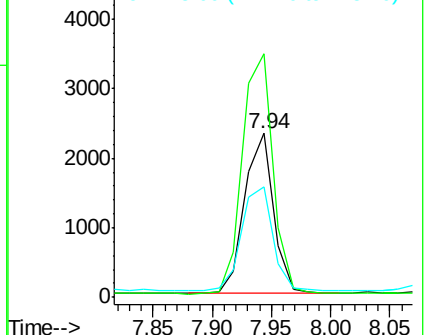
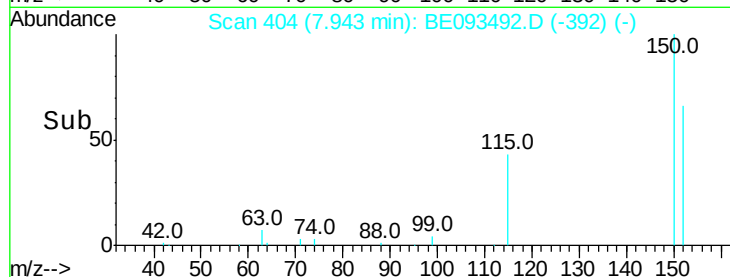
115 67.5 55.7 83.5



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: 0.080 ng

RT: 3.45 min Scan# 47

Delta R.T. -0.00 min

Lab File: BE093492.D

Acq: 19 Jul 2017 19:42

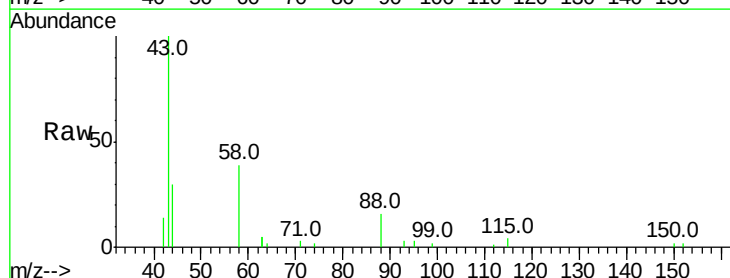
Tgt Ion: 88 Resp: 659

Ion Ratio Lower Upper

88 100

58 112.7 62.2 93.4#

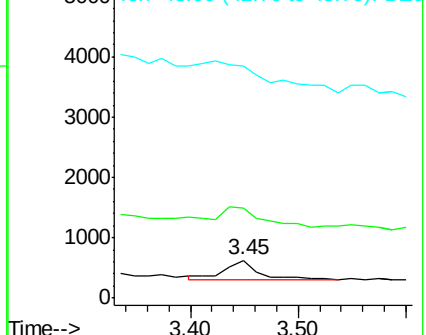
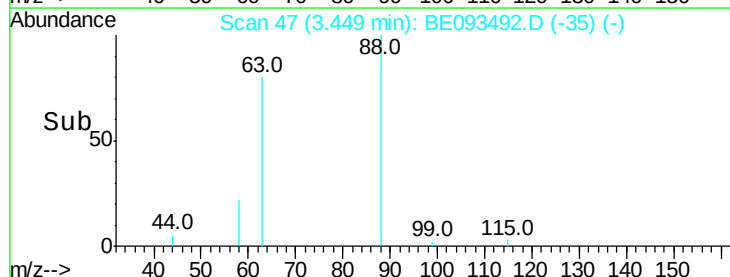
43 0.0 23.2 34.8#

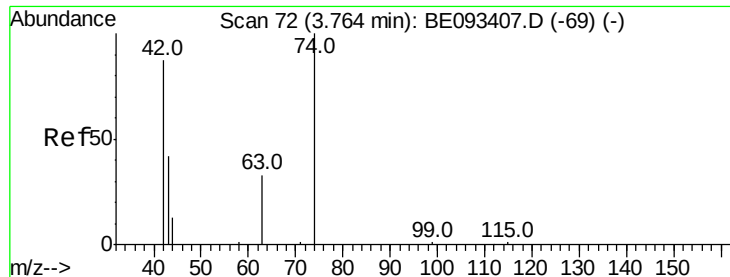


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.215 ng

RT: 3.73 min Scan# 69

Delta R.T. -0.04 min

Lab File: BE093492.D

Acq: 19 Jul 2017 19:42

Instrument :

BNA_E

ClientSampleId :

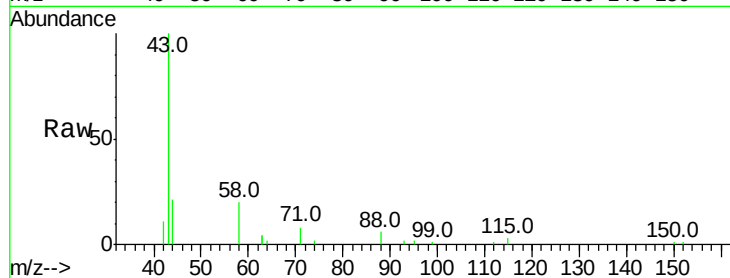
Tot Ion: 42 Resp: 540

Ion Ratio Lower Upper

42 100

74 4.8 99.1 148.7#

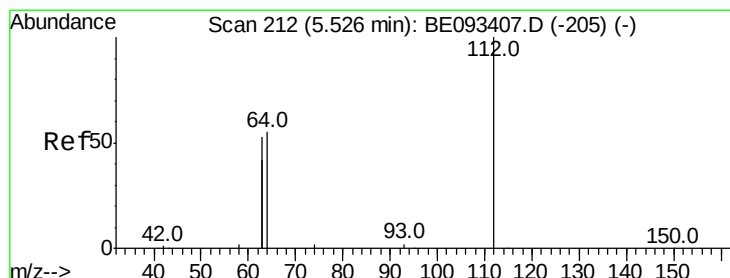
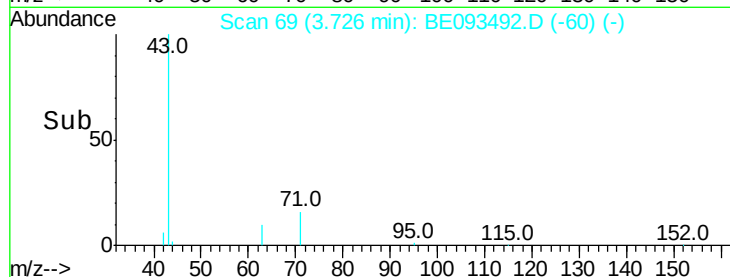
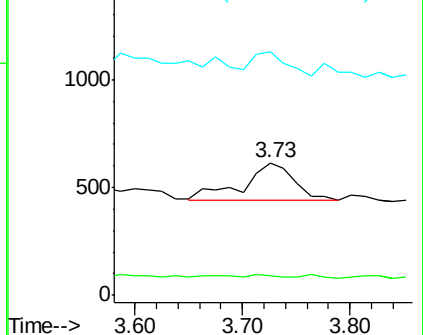
44 44.3 7.4 11.2#



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: 0.217 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093492.D

Acq: 19 Jul 2017 19:42

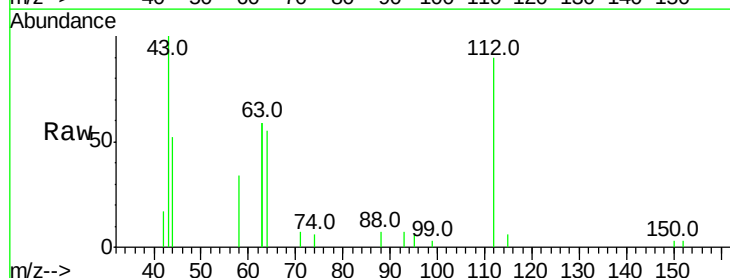
Tgt Ion: 112 Resp: 2540

Ion Ratio Lower Upper

112 100

64 66.2 56.4 84.6

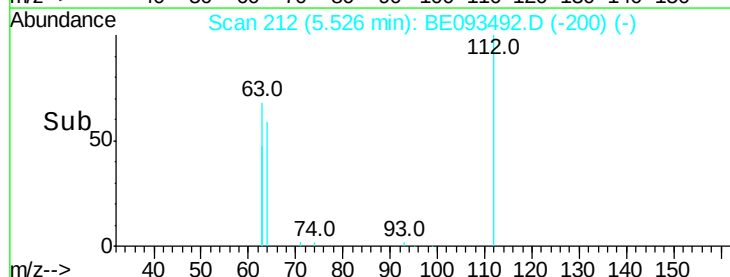
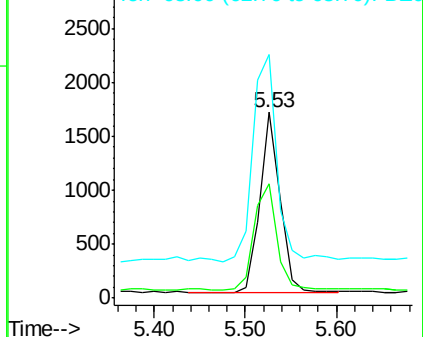
63 138.6 29.3 43.9#

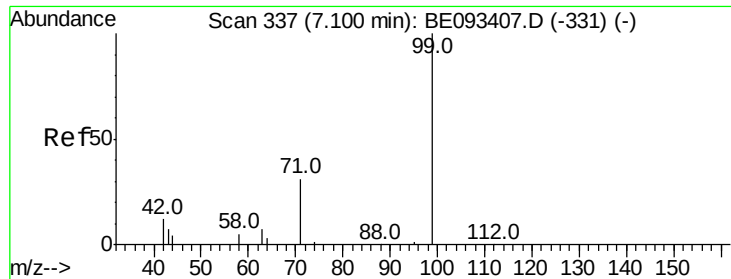


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.160 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093492.D

Acq: 19 Jul 2017 19:42

Instrument :

BNA_E

ClientSampleId :

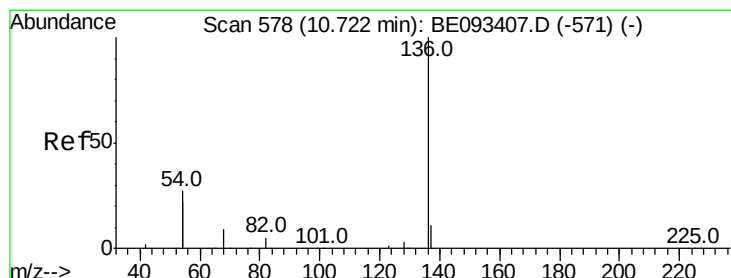
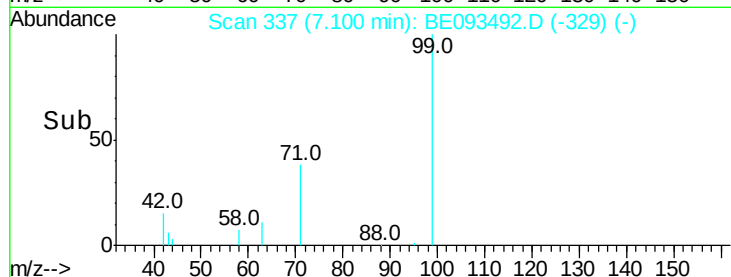
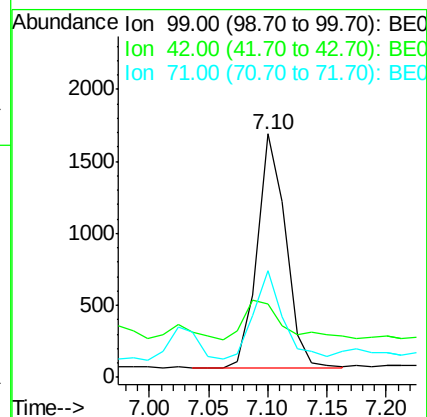
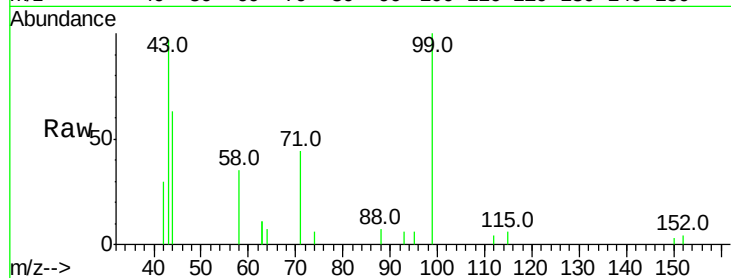
Tot Ion: 99 Resp: 2768

Ion Ratio Lower Upper

99 100

42 23.9 0.0 0.0#

71 38.9 0.0 0.0#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093492.D

Acq: 19 Jul 2017 19:42

Tgt Ion: 136 Resp: 22652

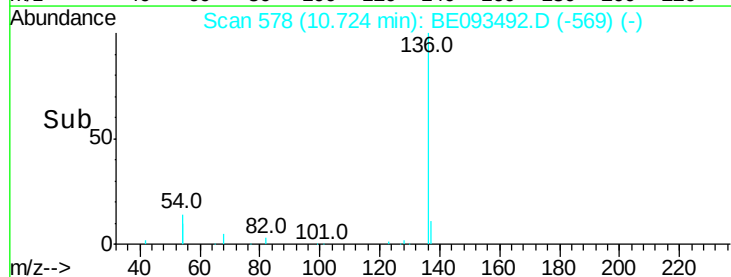
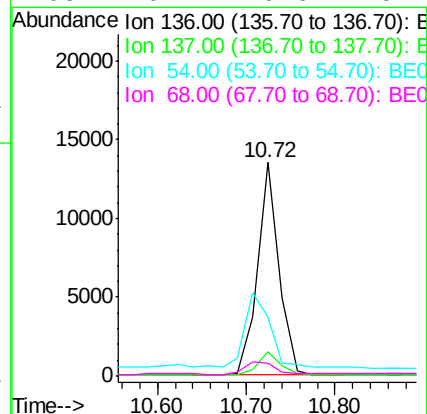
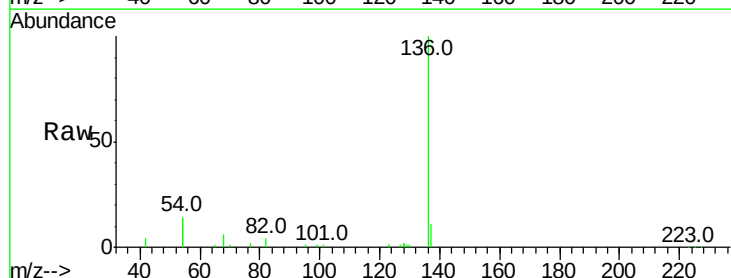
Ion Ratio Lower Upper

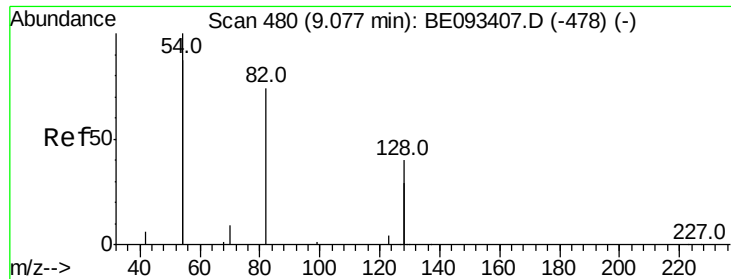
136 100

137 11.1 9.8 14.8

54 27.5 10.3 15.5#

68 6.1 9.0 13.4#





#8

Nitrobenzene-d5

Concen: 0.488 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093492.D

Acq: 19 Jul 2017 19:42

Instrument :

BNA_E

ClientSampled :

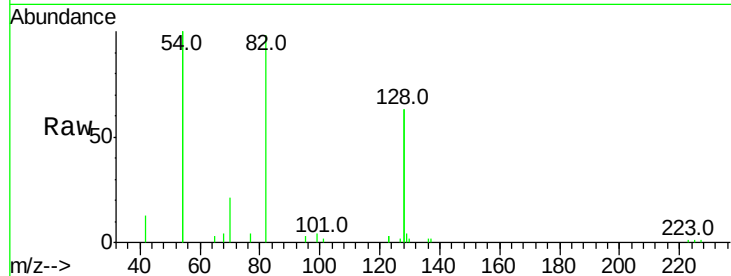
Tot Ion: 82 Resp: 7064

Ion Ratio Lower Upper

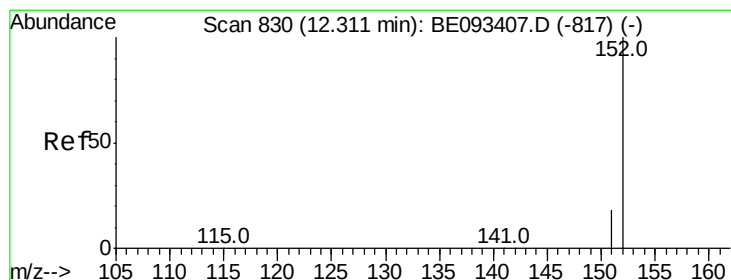
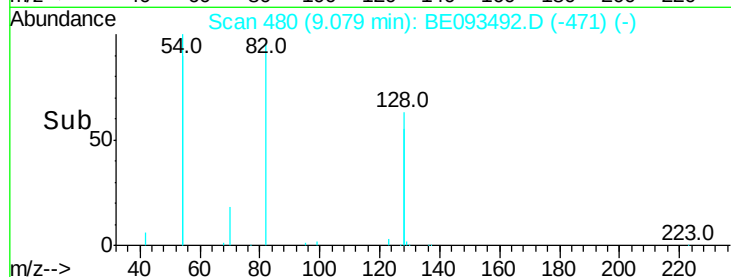
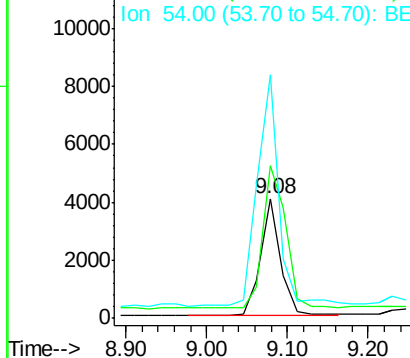
82 100

128 127.6 17.0 25.4#

54 203.0 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: 0.357 ng

RT: 12.31 min Scan# 829

Delta R.T. -0.00 min

Lab File: BE093492.D

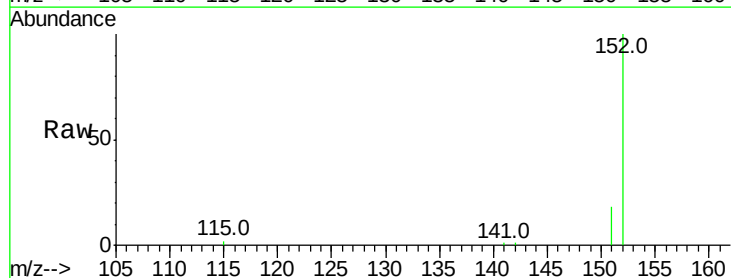
Acq: 19 Jul 2017 19:42

Tgt Ion: 152 Resp: 12902

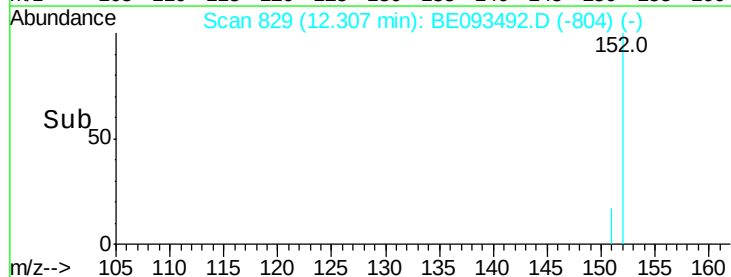
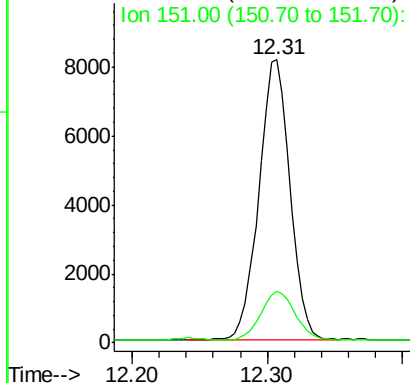
Ion Ratio Lower Upper

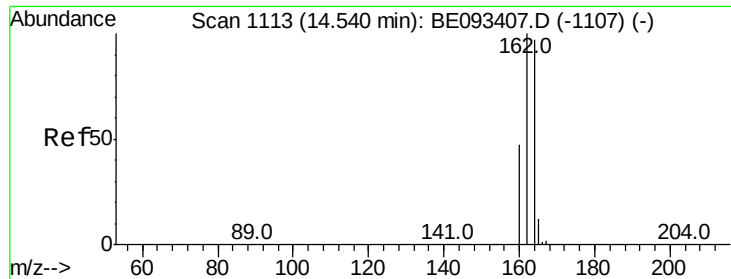
152 100

151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

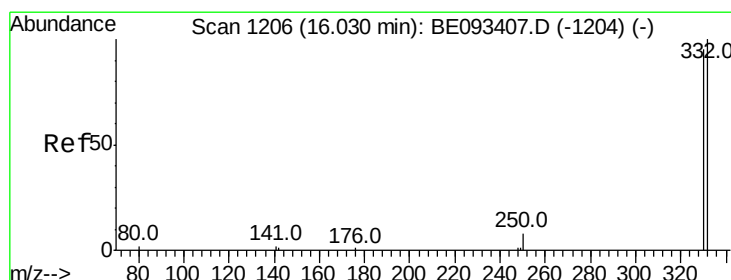
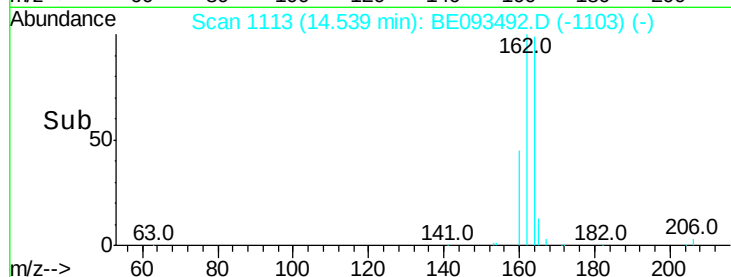
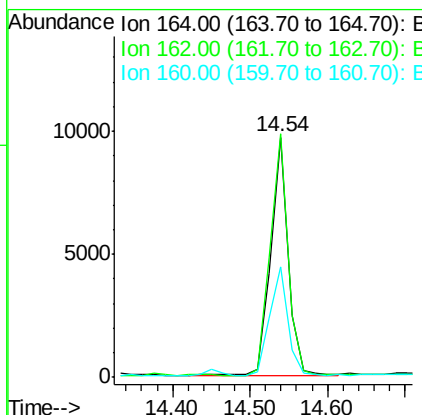
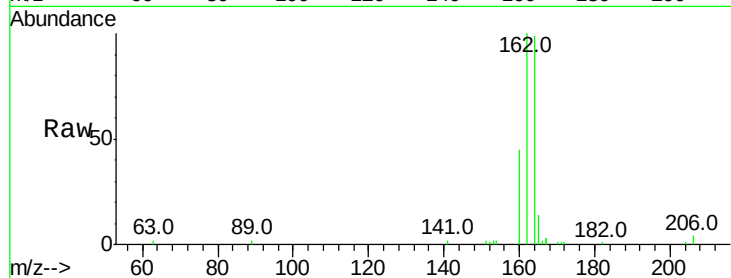




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BE093492.D
 Acq: 19 Jul 2017 19:42

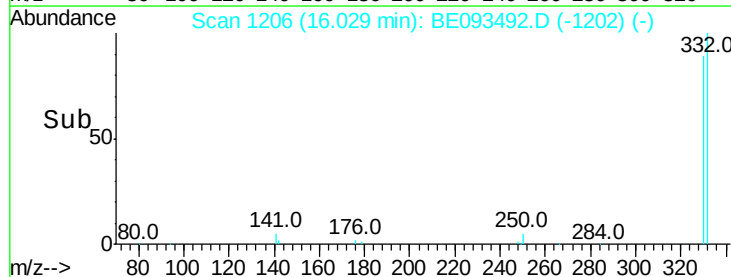
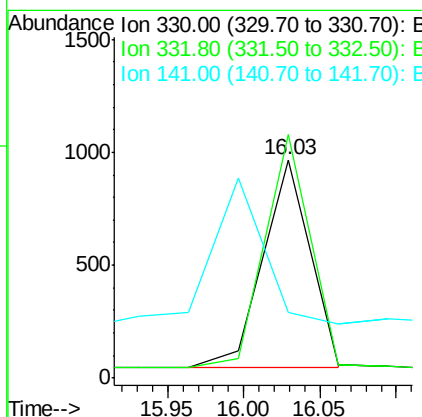
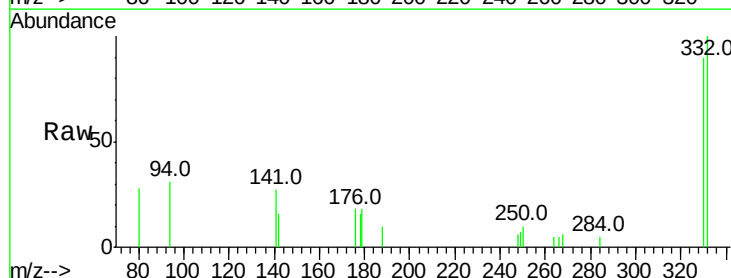
Instrument :
 BNA_E
 ClientSampleId :

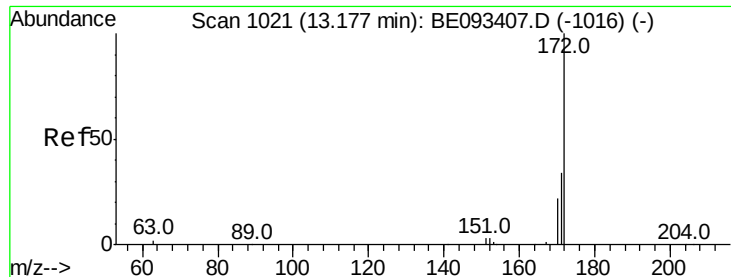
Tot Ion:164 Resp: 15027
 Ion Ratio Lower Upper
 164 100
 162 101.3 84.6 127.0
 160 46.1 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.416 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BE093492.D
 Acq: 19 Jul 2017 19:42

Tgt Ion:330 Resp: 1965
 Ion Ratio Lower Upper
 330 100
 332 107.7 77.7 116.5
 141 0.0 56.2 84.4#

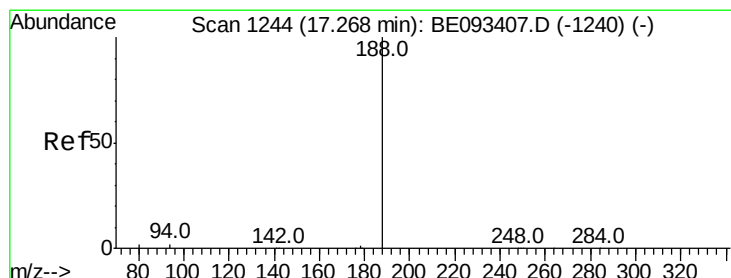
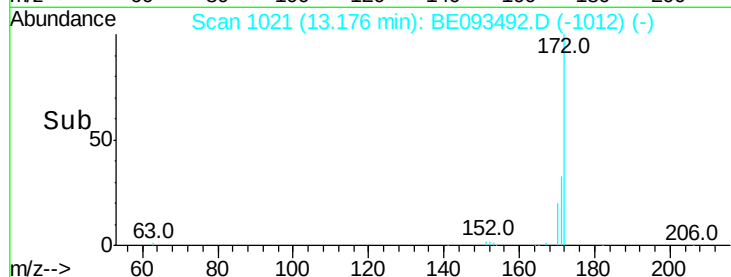
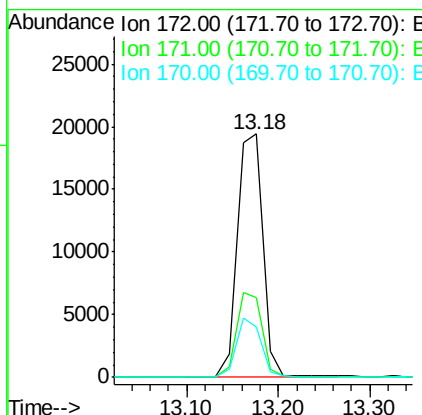
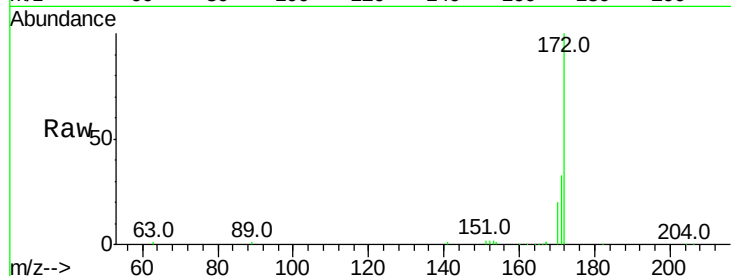




#15
2-Fluorobiphenyl
Concen: 0.646 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093492.D
Acq: 19 Jul 2017 19:42

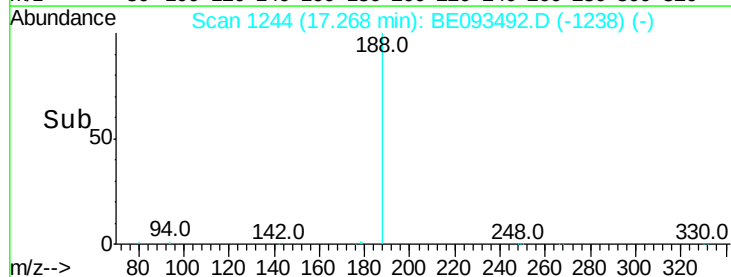
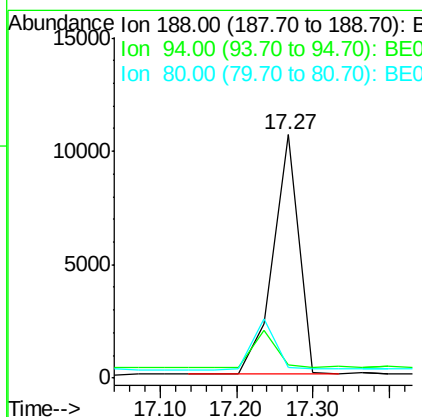
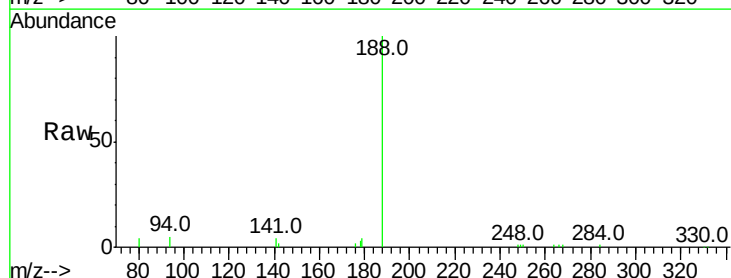
Instrument :
BNA_E
ClientSampled :

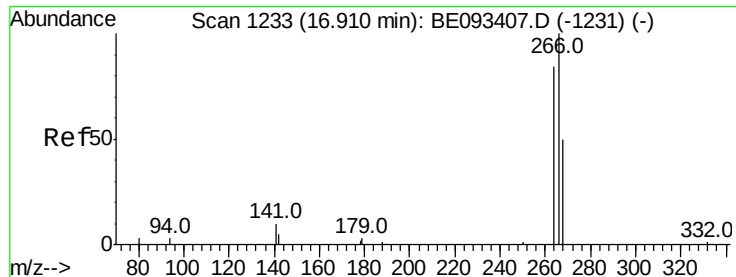
Tot Ion:172 Resp: 37655
Ion Ratio Lower Upper
172 100
171 32.9 29.8 44.6
170 20.4 20.7 31.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093492.D
Acq: 19 Jul 2017 19:42

Tgt Ion:188 Resp: 25130
Ion Ratio Lower Upper
188 100
94 5.4 11.3 16.9#
80 4.4 11.7 17.5#





#22

Pentachlorophenol

Concen: 0.203 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093492.D

Acq: 19 Jul 2017 19:42

Instrument :

BNA_E

ClientSampleId :

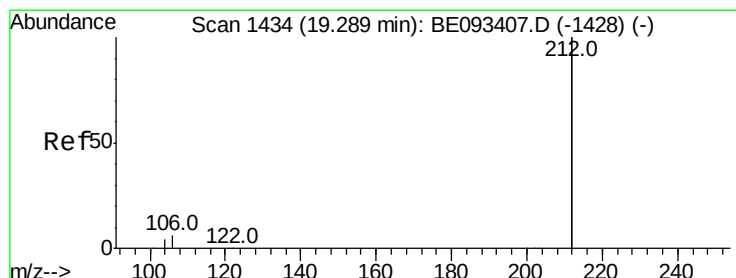
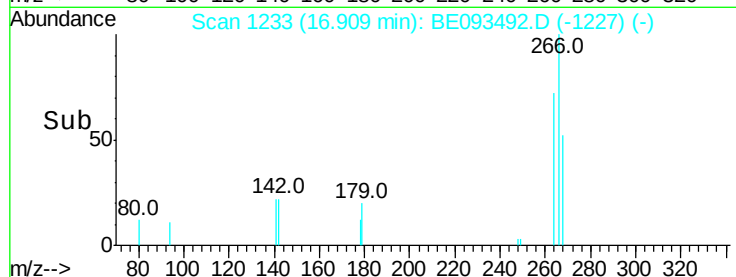
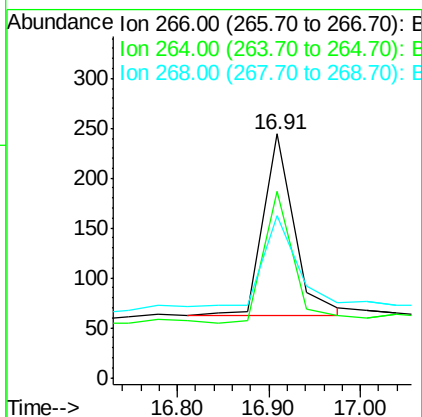
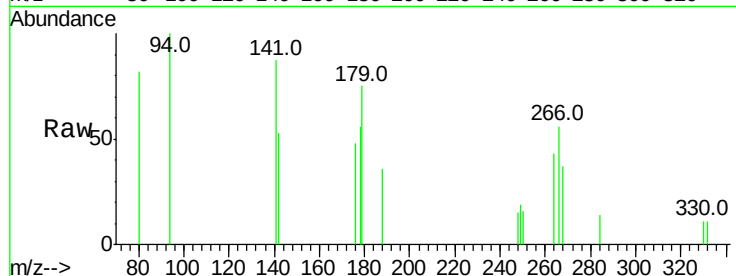
Tot Ion:266 Resp: 432

Ion Ratio Lower Upper

266 100

264 76.6 58.2 87.2

268 66.4 71.9 107.9#



#25

Fluoranthene-d10

Concen: 0.510 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093492.D

Acq: 19 Jul 2017 19:42

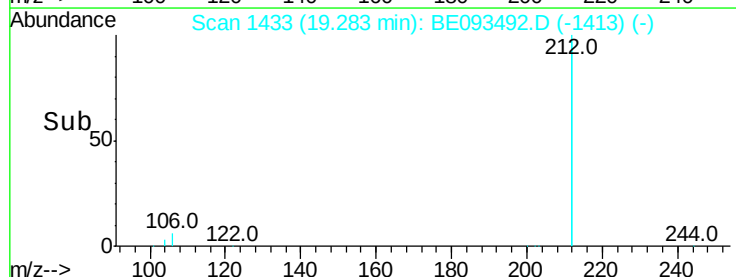
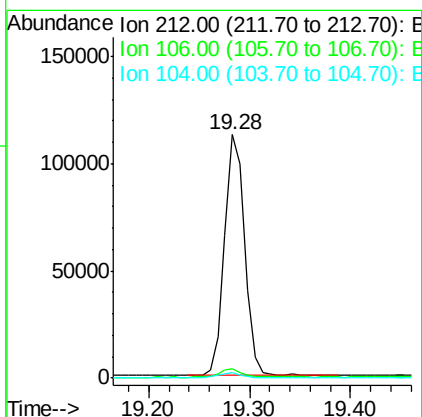
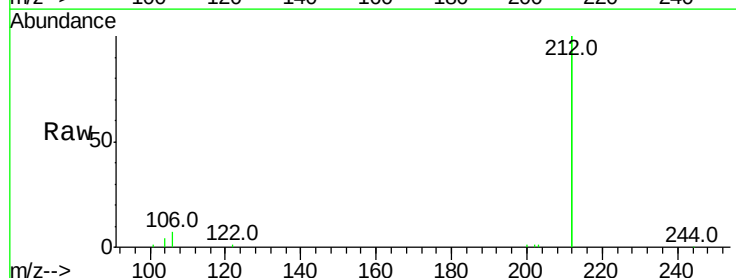
Tgt Ion:212 Resp: 154638

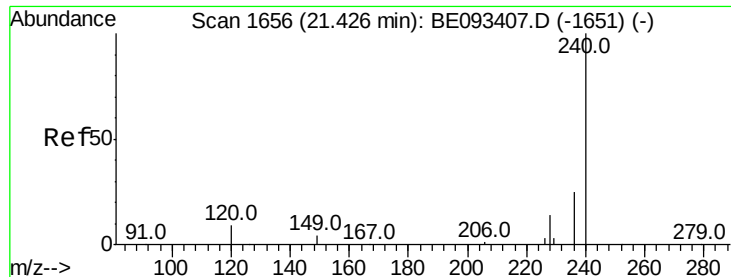
Ion Ratio Lower Upper

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: BE093492.D

Acq: 19 Jul 2017 19:42

Instrument :

BNA_E

ClientSampleId :

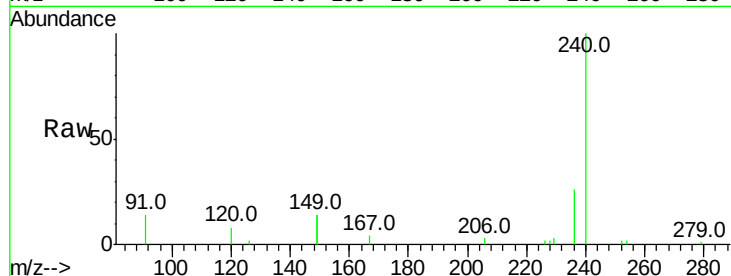
Tot Ion:240 Resp: 38624

Ion Ratio Lower Upper

240 100

120 7.9 4.6 7.0#

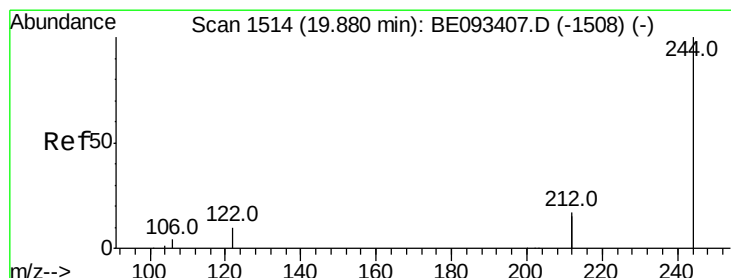
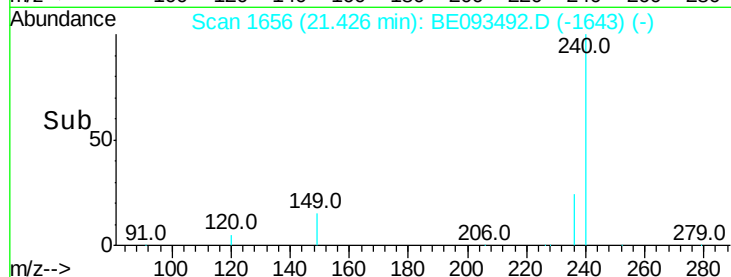
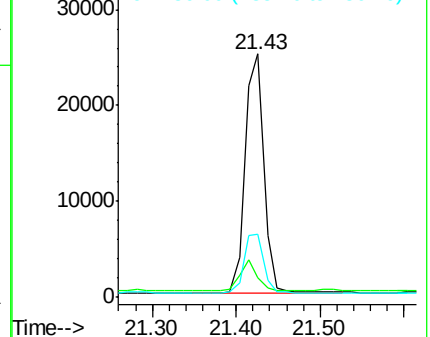
236 26.1 20.8 31.2



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: 0.768 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093492.D

Acq: 19 Jul 2017 19:42

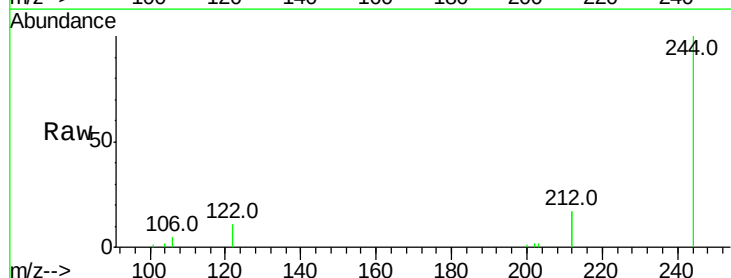
Tgt Ion:244 Resp: 52940

Ion Ratio Lower Upper

244 100

212 34.3 10.6 16.0#

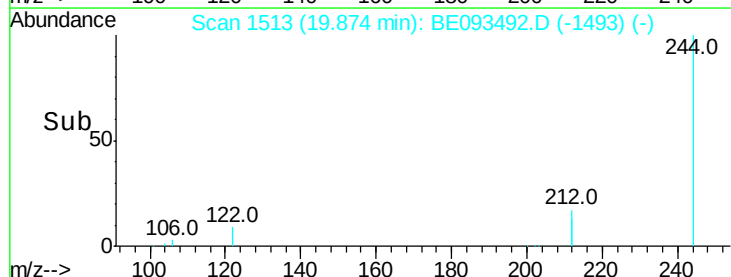
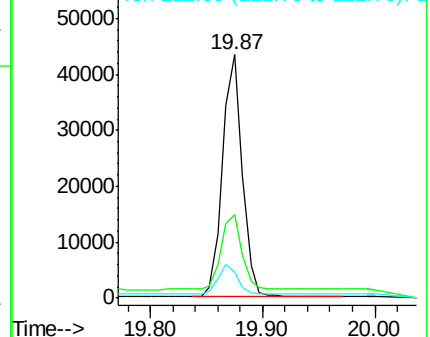
122 10.9 15.4 23.0#

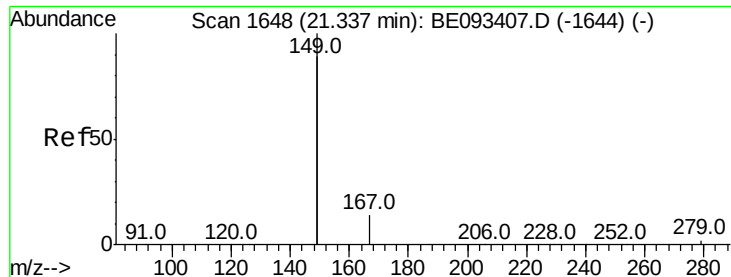


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.255 ng

RT: 21.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093492.D

Acq: 19 Jul 2017 19:42

Instrument :

BNA_E

ClientSampleId :

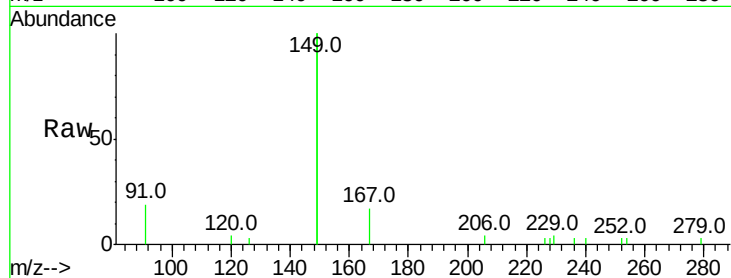
Tot Ion:149 Resp: 38322

Ion Ratio Lower Upper

149 100

167 7.0 20.1 30.1#

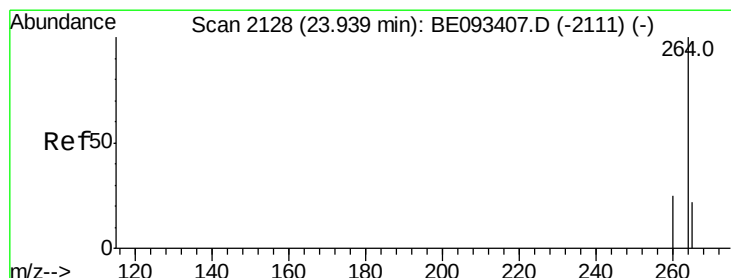
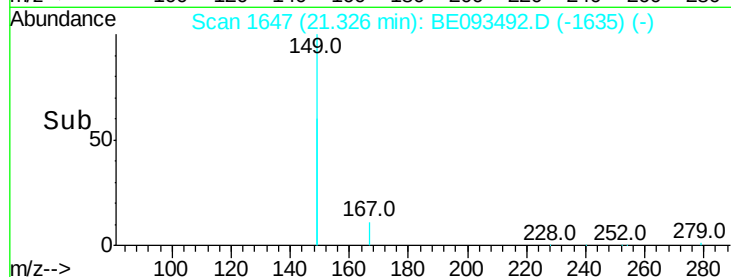
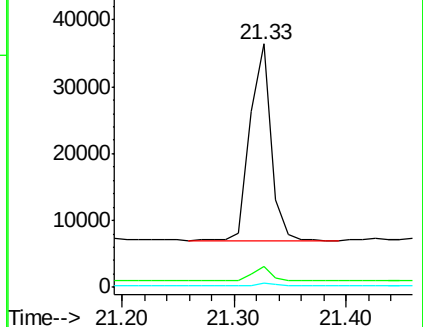
279 1.0 2.2 3.4#



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# 2127

Delta R.T. -0.00 min

Lab File: BE093492.D

Acq: 19 Jul 2017 19:42

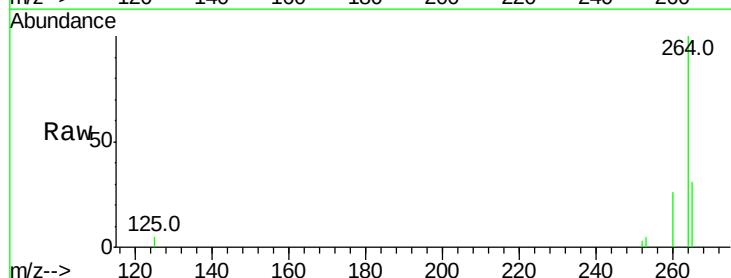
Tgt Ion:264 Resp: 33310

Ion Ratio Lower Upper

264 100

260 25.5 21.0 31.4

265 31.1 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

