

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072117\
 Data File : BE093524.D
 Acq On : 22 Jul 2017 00:51
 Operator : SJ/JU
 Sample : I4199-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3573-PA3

Quant Time: Jul 22 01:57:47 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE072117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 16:13:20 2017
 Response via : Initial Calibration

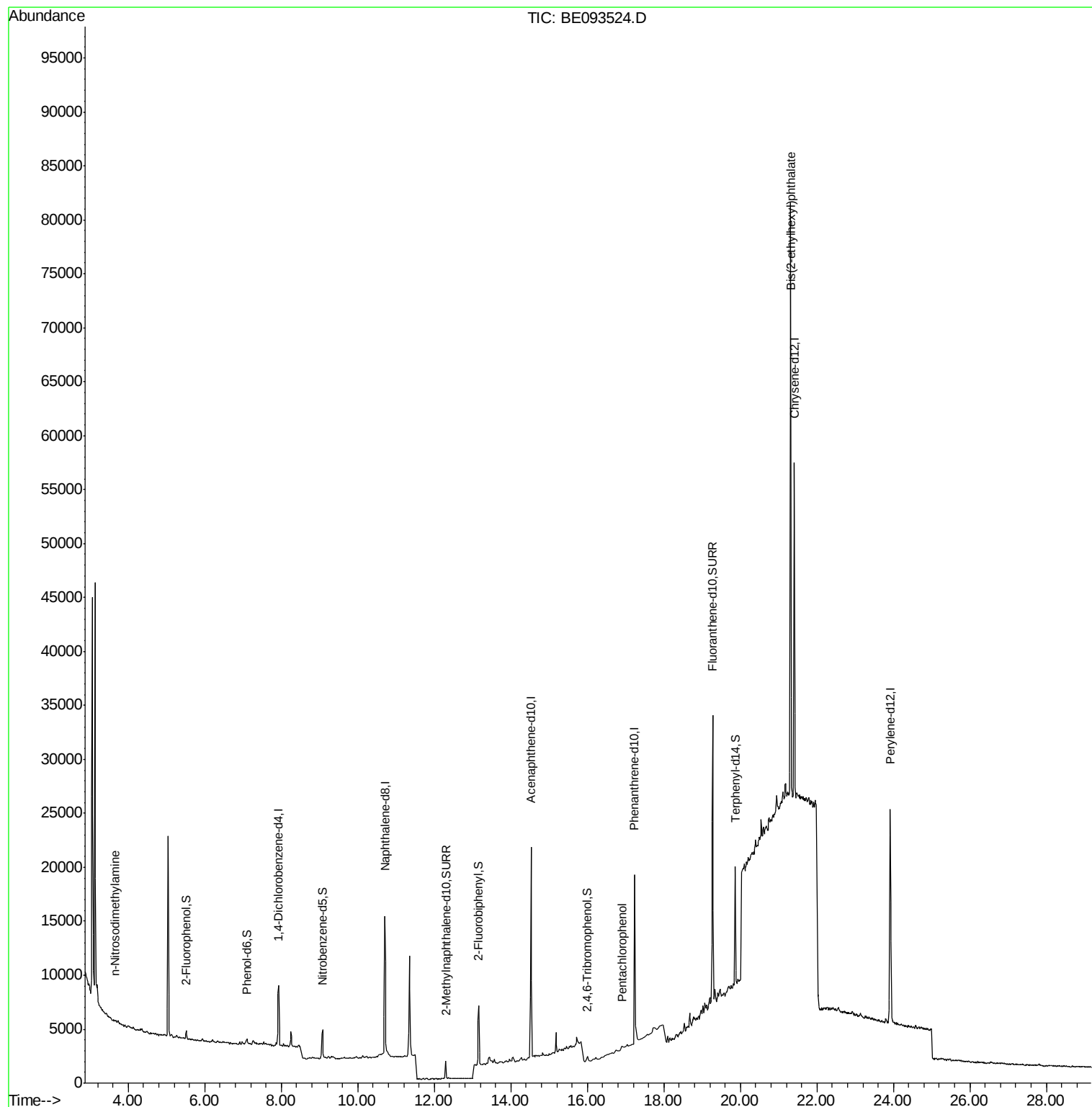
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2931	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	16363	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	11141	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	24824	0.40	ng	0.00
27) Chrysene-d12	21.41	240	34240	0.40	ng	0.00
34) Perylene-d12	23.92	264	29224	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	451	0.04	ng	0.00
5) Phenol-d6	7.10	99	499	0.04	ng	0.00
8) Nitrobenzene-d5	9.08	82	1246	0.10	ng	0.02
11) 2-Methylnaphthalene-d10	12.30	152	2289	0.09	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	336	0.08	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5893	0.13	ng	0.00
25) Fluoranthene-d10	19.27	212	36570	0.09	ng	0.00
29) Terphenyl-d14	19.87	244	9816	0.16	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.66	42	176	0.037	ng	# 34
22) Pentachlorophenol	16.91	266	321	0.232	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.32	149	66021	0.293	ng	# 96

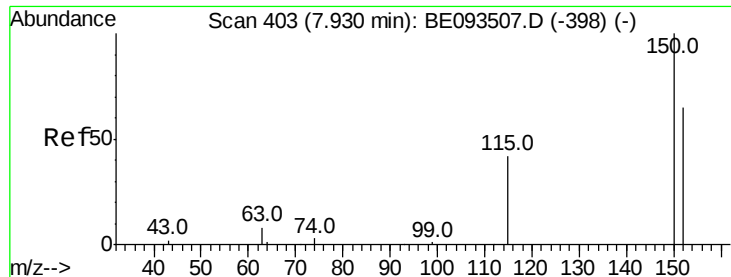
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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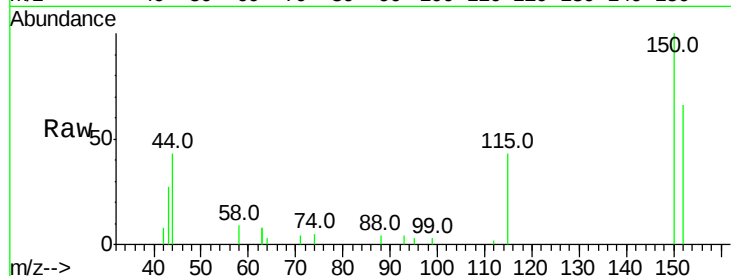


#1

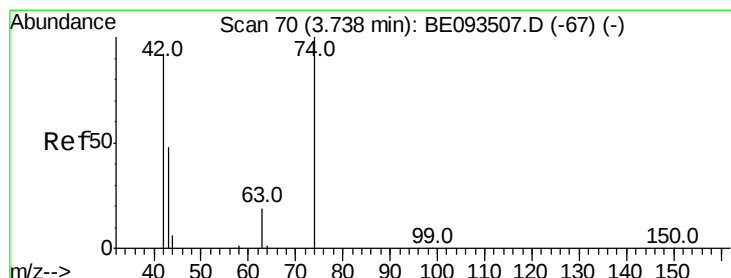
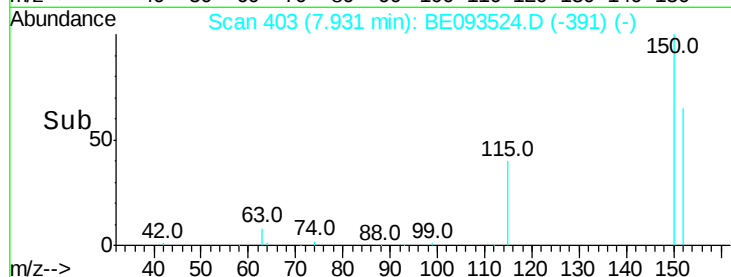
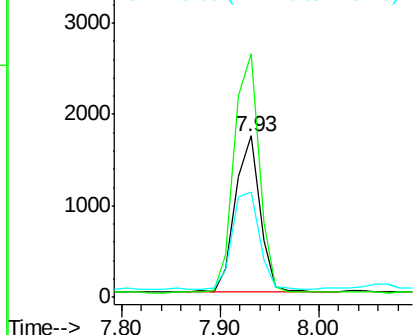
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. 0.00 min
Lab File: BE093524.D
Acq: 22 Jul 2017 00:51

Instrument :
BNA_E
ClientSampleId :
3573-PA3

Tot Ion:152 Resp: 2931
Ion Ratio Lower Upper
152 100
150 151.1 125.1 187.7
115 65.6 55.7 83.5



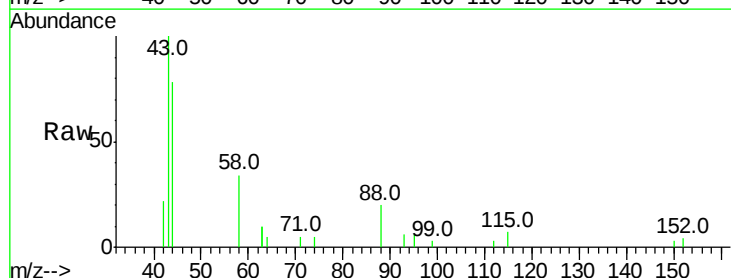
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



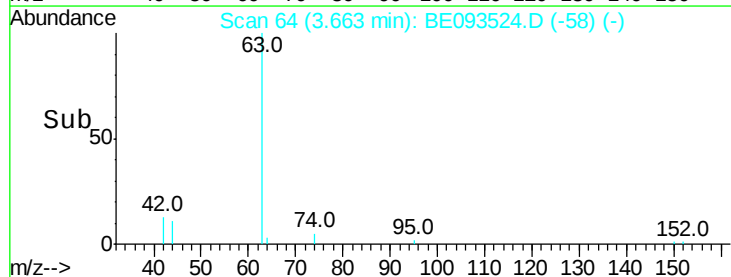
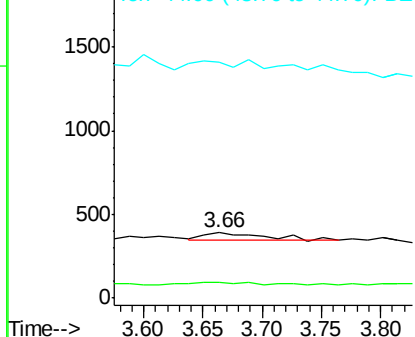
#3

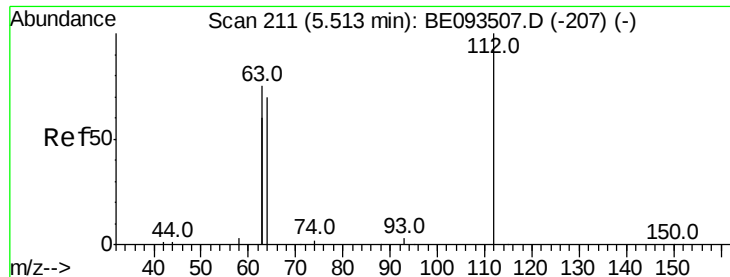
n-Nitrosodimethylamine
Concen: 0.037 ng
RT: 3.66 min Scan# 64
Delta R.T. -0.07 min
Lab File: BE093524.D
Acq: 22 Jul 2017 00:51

Tgt Ion: 42 Resp: 176
Ion Ratio Lower Upper
42 100
74 56.3 99.1 148.7#
44 61.9 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: 0.044 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093524.D

Acq: 22 Jul 2017 00:51

Instrument :

BNA_E

ClientSampleId :

3573-PA3

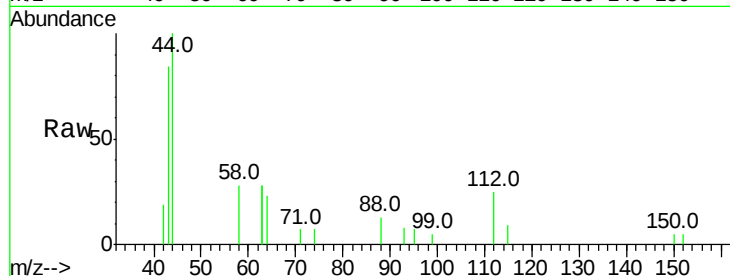
Tot Ion: 112 Resp: 451

Ion Ratio Lower Upper

112 100

64 72.3 56.4 84.6

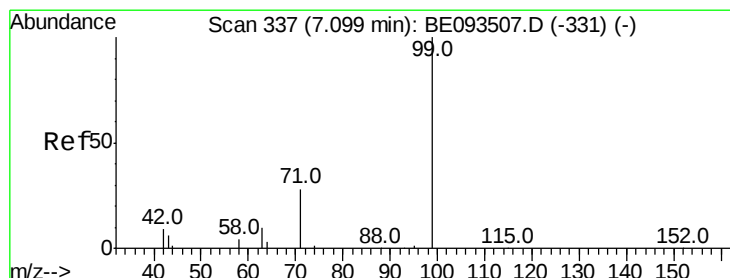
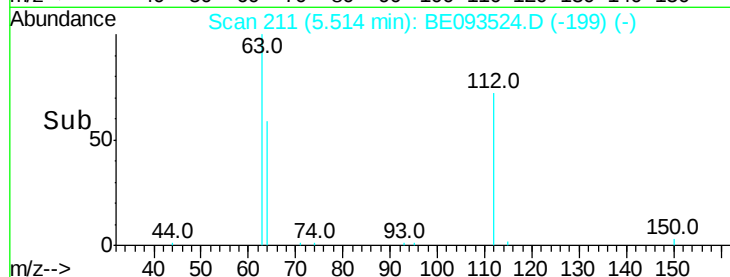
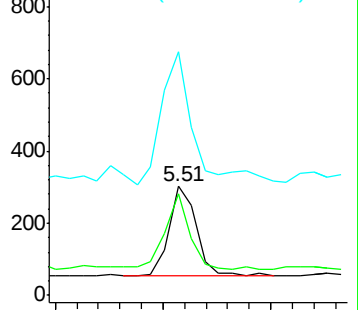
63 152.1 29.3 43.9#



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: 0.035 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093524.D

Acq: 22 Jul 2017 00:51

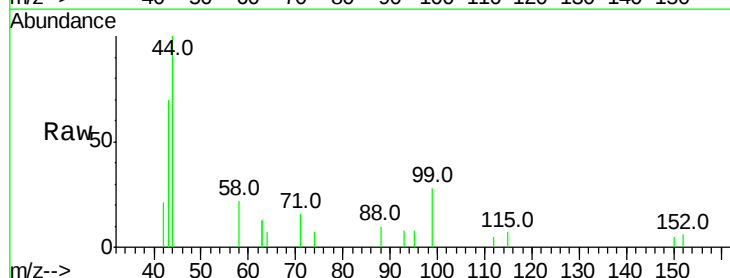
Tgt Ion: 99 Resp: 499

Ion Ratio Lower Upper

99 100

42 20.0 0.0 0.0#

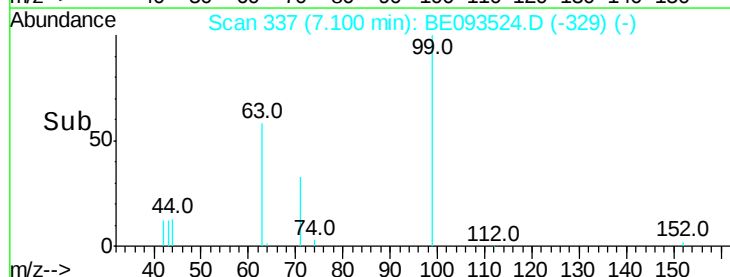
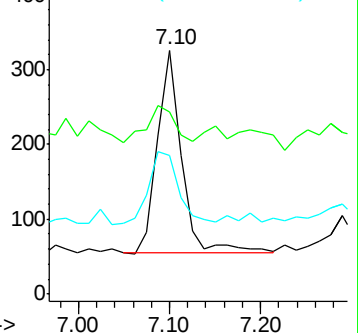
71 44.9 0.0 0.0#

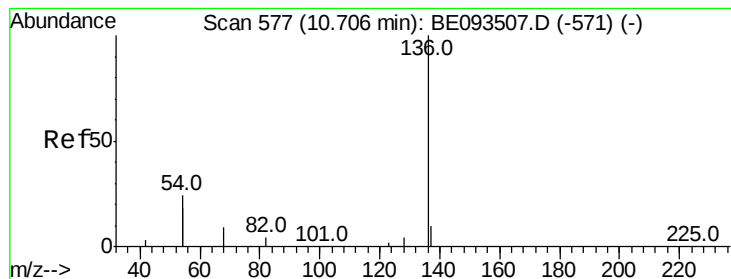


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093524.D

Acq: 22 Jul 2017 00:51

Instrument :

BNA_E

ClientSampleId :

3573-PA3

Tot Ion:136 Resp: 16363

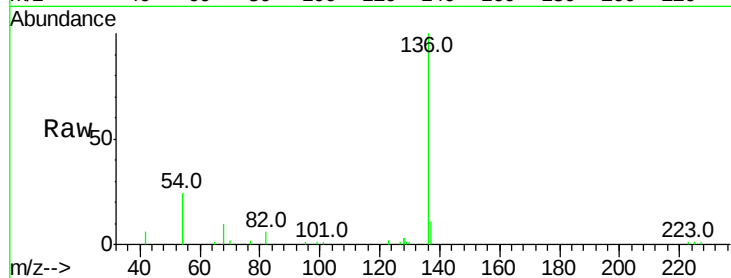
Ion Ratio Lower Upper

136 100

137 10.9 9.8 14.8

54 47.3 10.3 15.5#

68 10.1 9.0 13.4

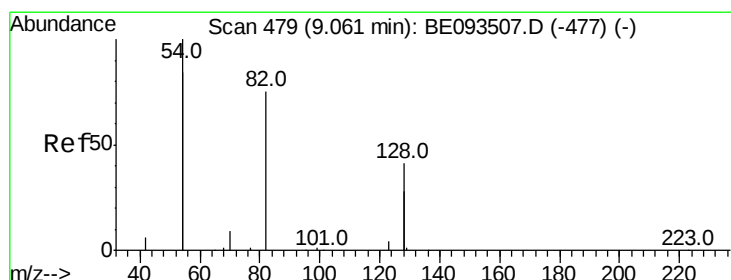
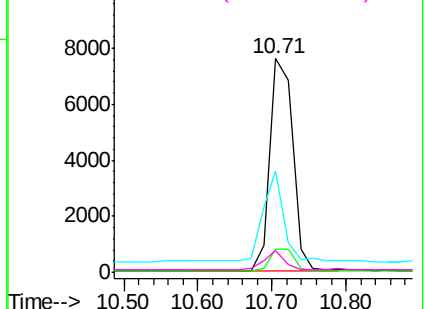
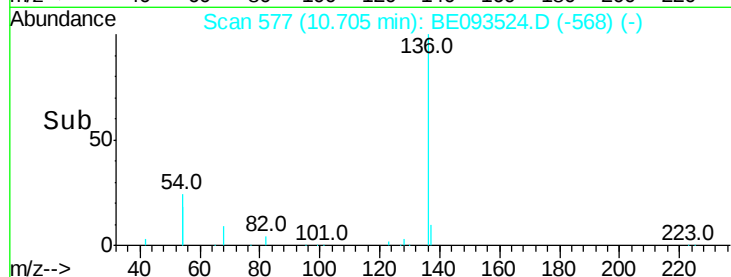


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.096 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.02 min

Lab File: BE093524.D

Acq: 22 Jul 2017 00:51

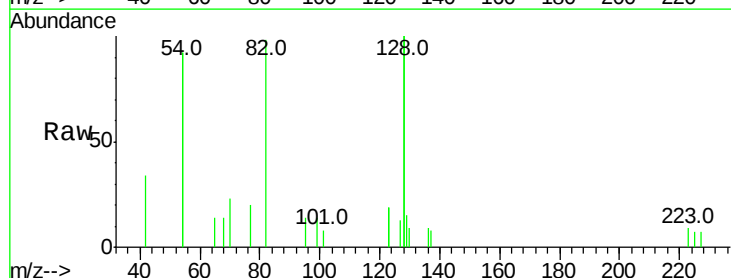
Tgt Ion: 82 Resp: 1246

Ion Ratio Lower Upper

82 100

128 204.0 17.0 25.4#

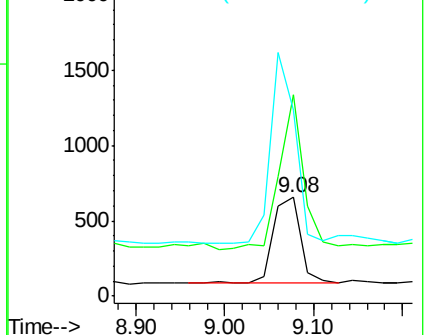
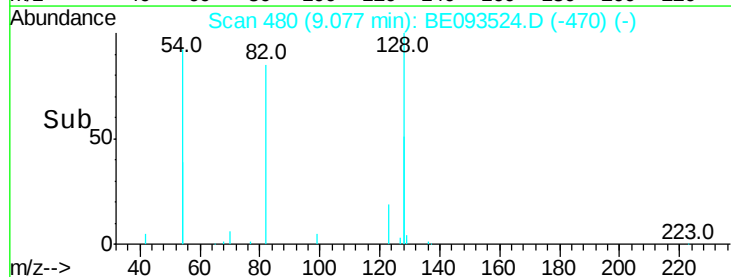
54 187.8 53.8 80.6#

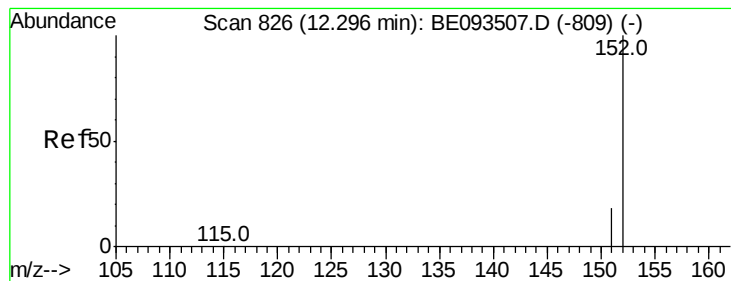


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.087 ng

RT: 12.30 min Scan# 826

Delta R.T. -0.00 min

Lab File: BE093524.D

Acq: 22 Jul 2017 00:51

Instrument :

BNA_E

ClientSampleId :

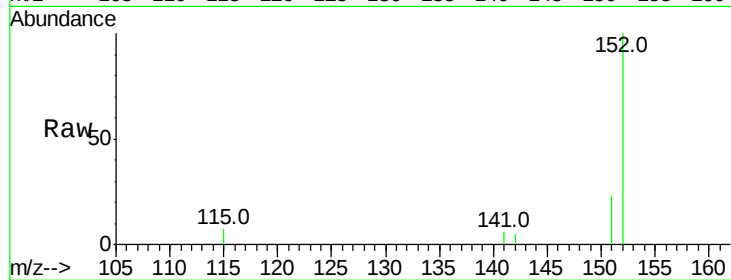
3573-PA3

Tot Ion:152 Resp: 2289

Ion Ratio Lower Upper

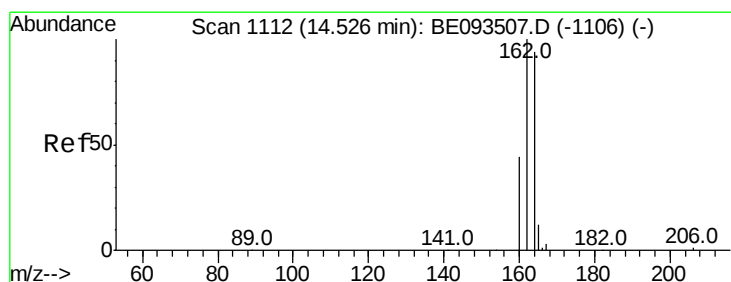
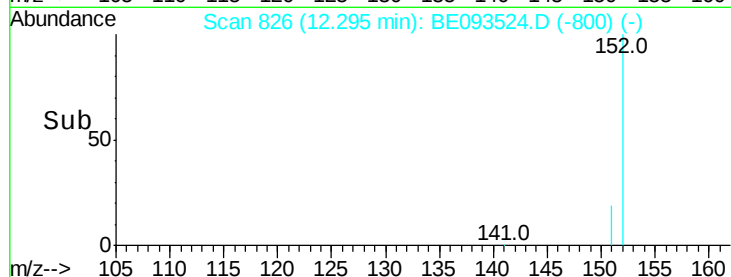
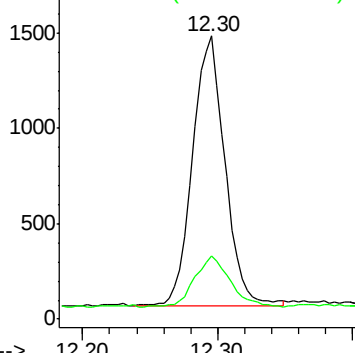
152 100

151 20.3 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: 14.53 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093524.D

Acq: 22 Jul 2017 00:51

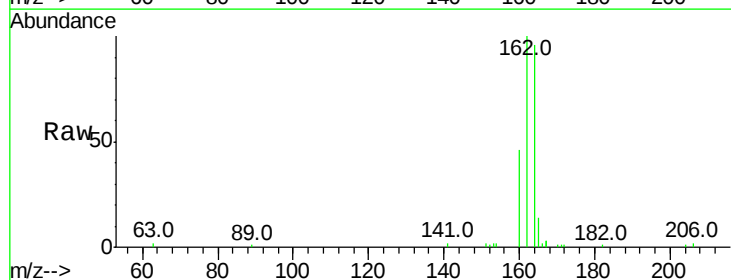
Tgt Ion:164 Resp: 11141

Ion Ratio Lower Upper

164 100

162 104.6 84.6 127.0

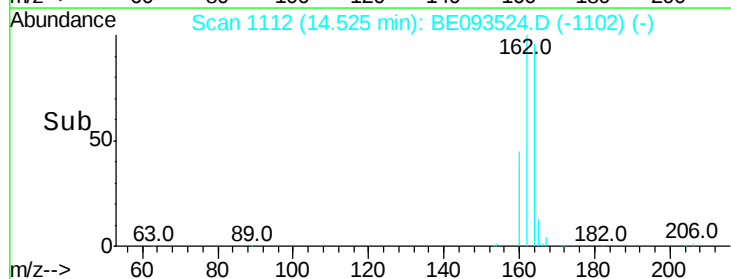
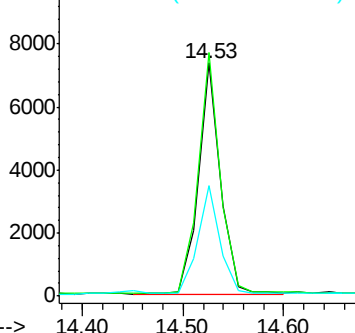
160 47.7 41.8 62.6

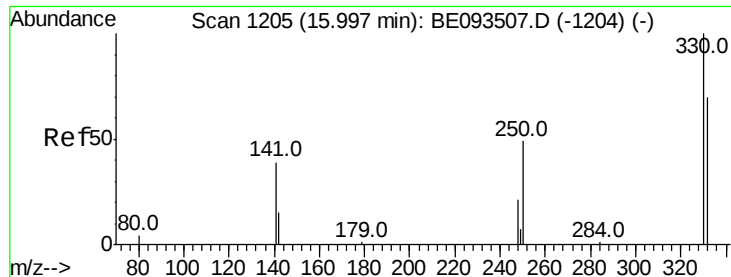


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

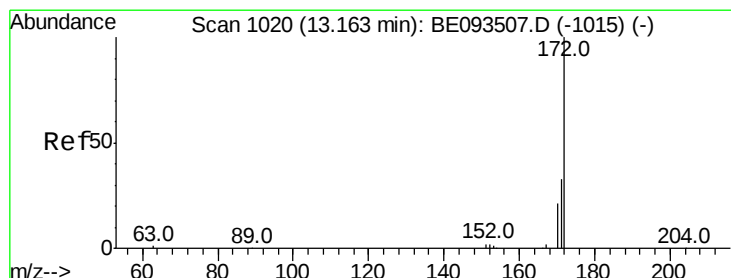
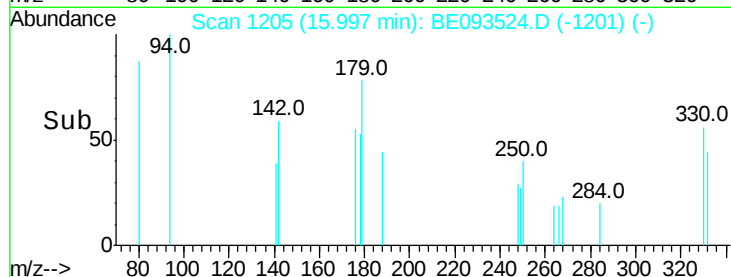
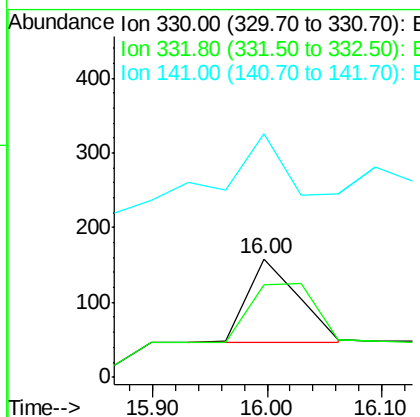
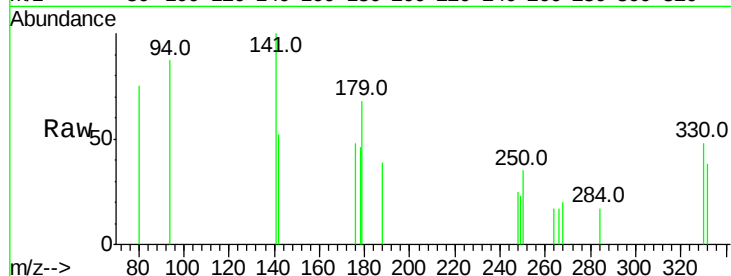




#14
 2,4,6-Tribromophenol
 Concen: 0.083 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093524.D
 Acq: 22 Jul 2017 00:51

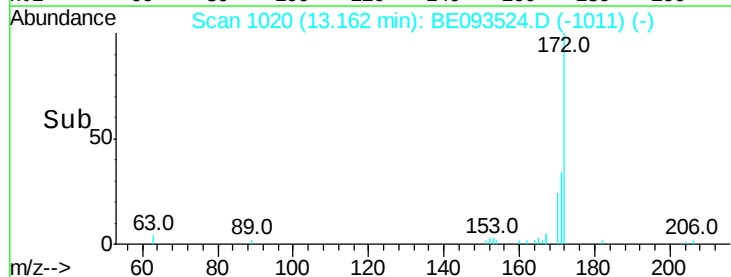
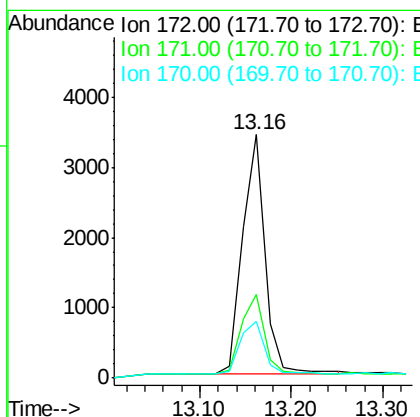
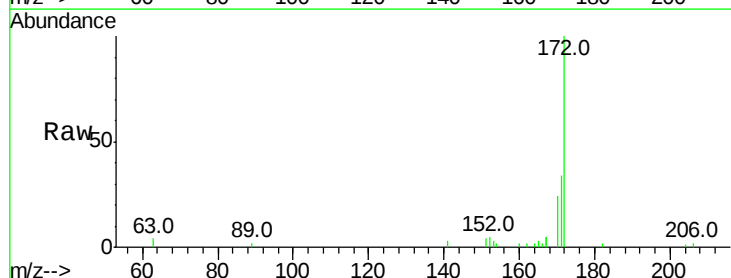
Instrument :
 BNA_E
 ClientSampled :
 3573-PA3

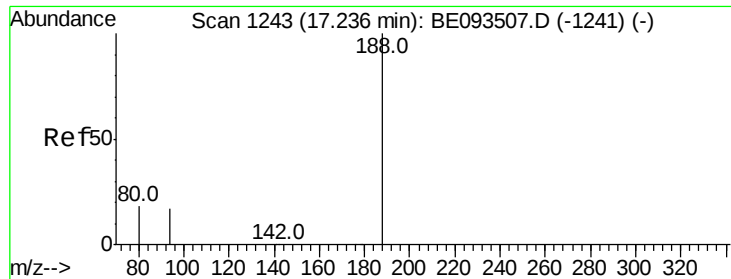
Tot Ion:330 Resp: 336
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.7 116.5#
 141 48.2 56.2 84.4#



#15
 2-Fluorobiphenyl
 Concen: 0.134 ng
 RT: 13.16 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BE093524.D
 Acq: 22 Jul 2017 00:51

Tgt Ion:172 Resp: 5893
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.8 44.6
 170 23.5 20.7 31.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093524.D

Acq: 22 Jul 2017 00:51

Instrument :

BNA_E

ClientSampleId :

3573-PA3

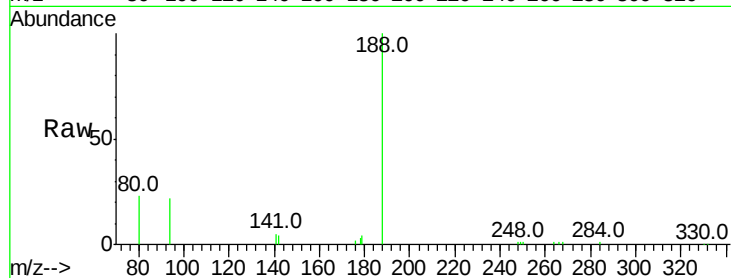
Tot Ion:188 Resp: 24824

Ion Ratio Lower Upper

188 100

94 22.2 11.3 16.9#

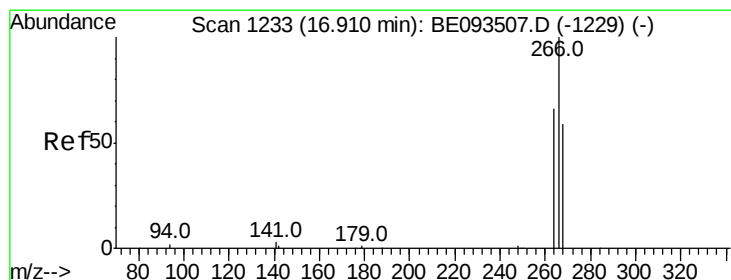
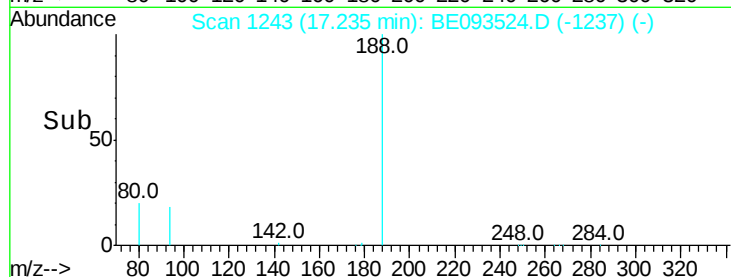
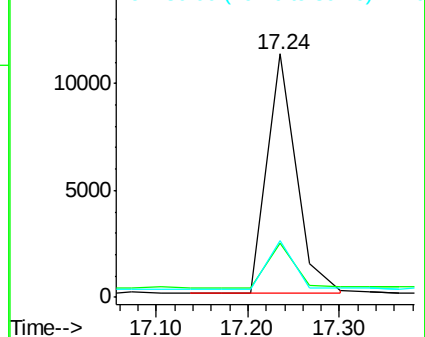
80 23.4 11.7 17.5#



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: 0.232 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093524.D

Acq: 22 Jul 2017 00:51

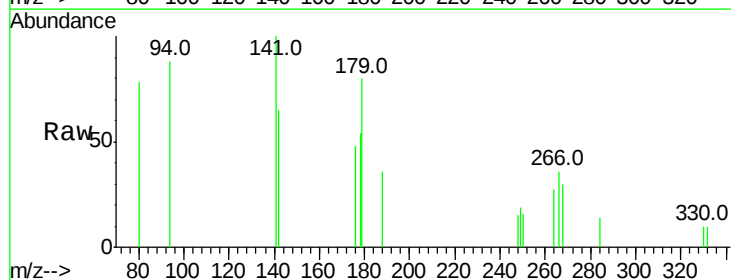
Tgt Ion:266 Resp: 321

Ion Ratio Lower Upper

266 100

264 76.6 56.0 84.0

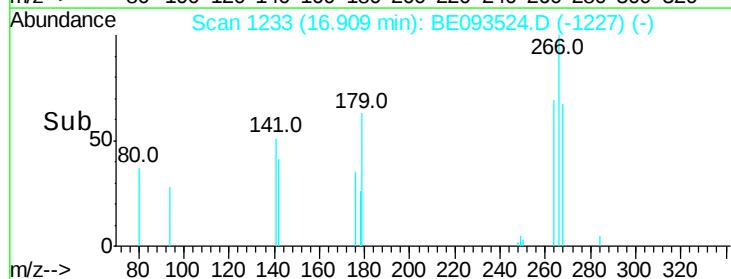
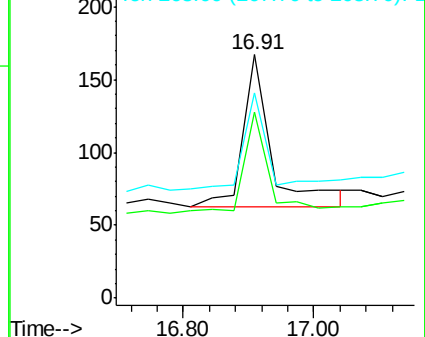
268 84.4 52.0 78.0#

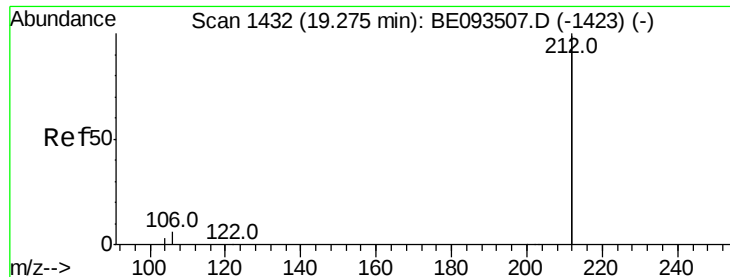


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.093 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093524.D

Acq: 22 Jul 2017 00:51

Instrument :

BNA_E

ClientSampleId :

3573-PA3

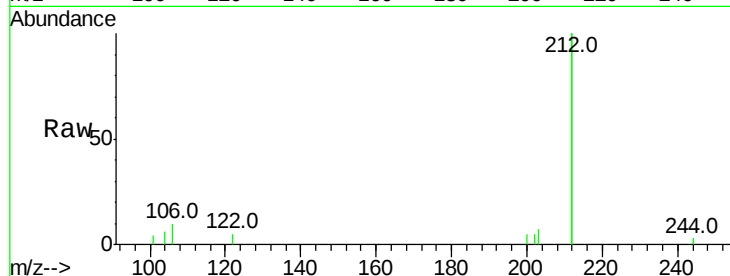
Tot Ion:212 Resp: 36570

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

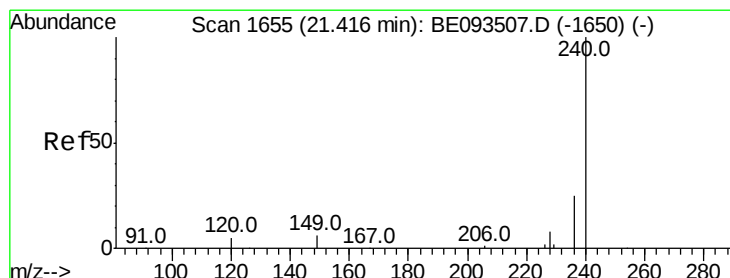
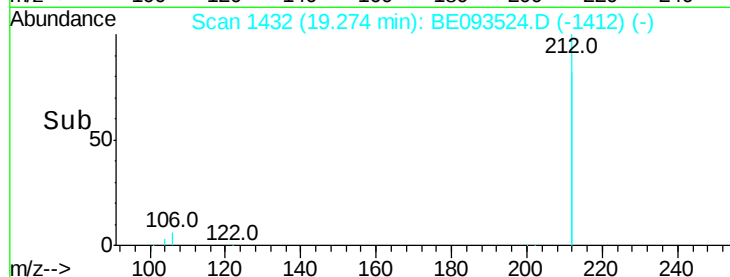
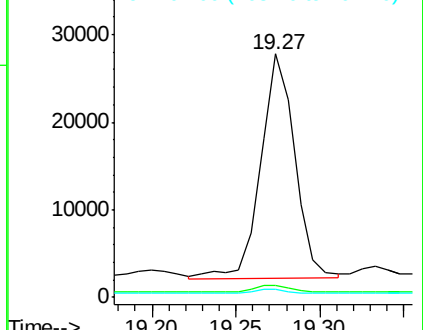
104 1.7 1.6 2.4



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: 21.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BE093524.D

Acq: 22 Jul 2017 00:51

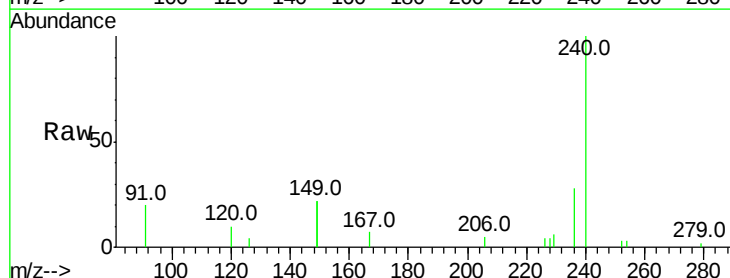
Tgt Ion:240 Resp: 34240

Ion Ratio Lower Upper

240 100

120 9.7 4.6 7.0#

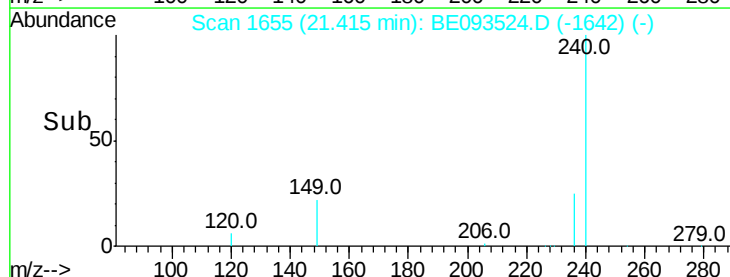
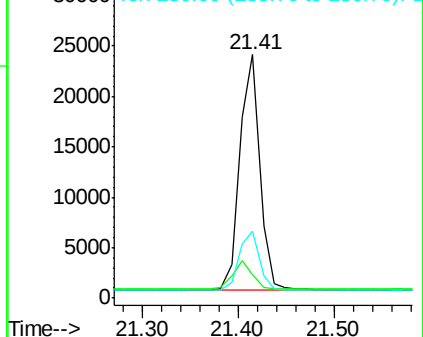
236 27.7 20.8 31.2

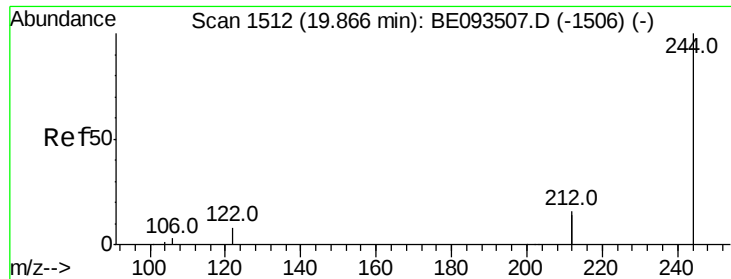


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.158 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE093524.D

Acq: 22 Jul 2017 00:51

Instrument :

BNA_E

ClientSampleId :

3573-PA3

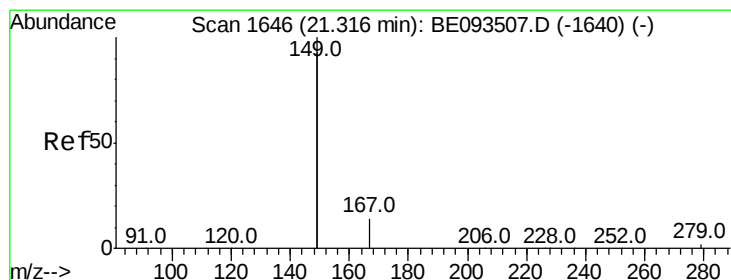
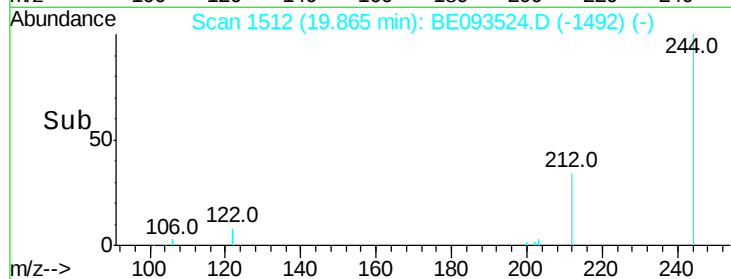
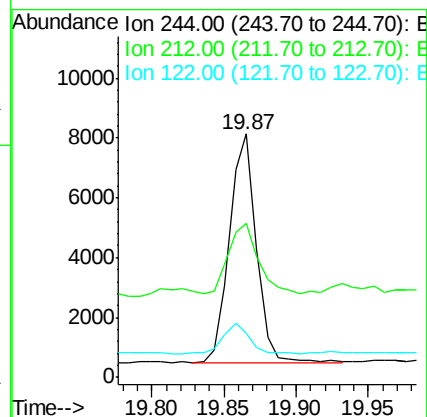
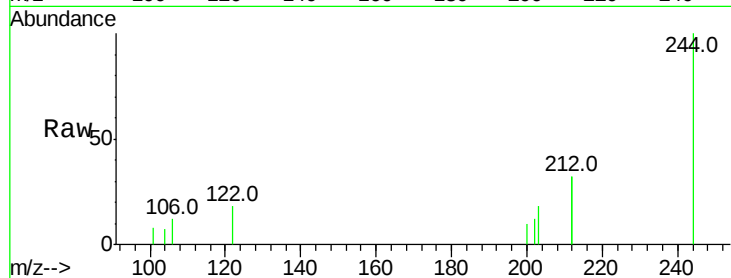
Tot Ion:244 Resp: 9816

Ion Ratio Lower Upper

244 100

212 63.3 10.6 16.0#

122 17.8 15.4 23.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.293 ng

RT: 21.32 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BE093524.D

Acq: 22 Jul 2017 00:51

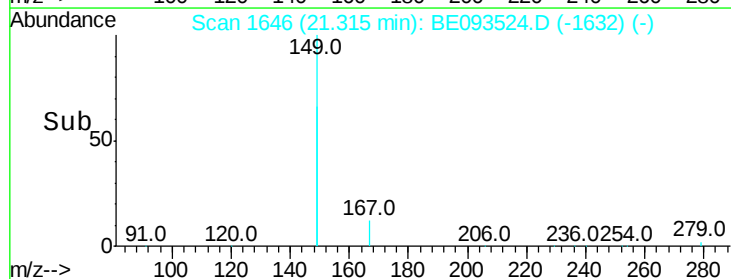
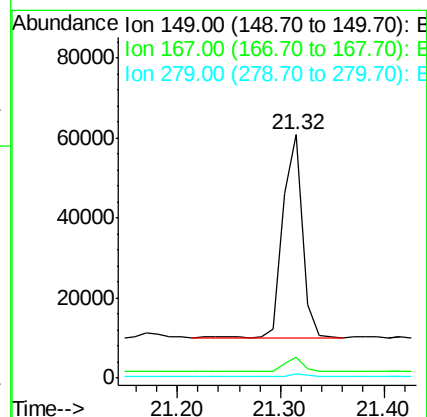
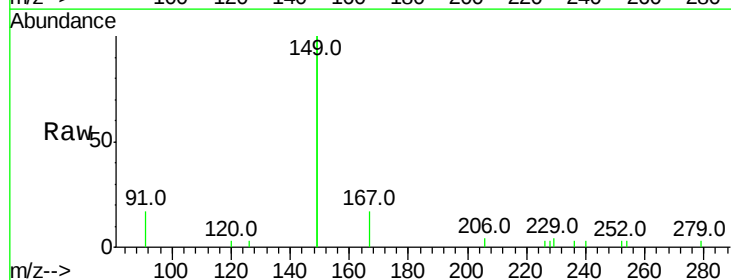
Tgt Ion:149 Resp: 66021

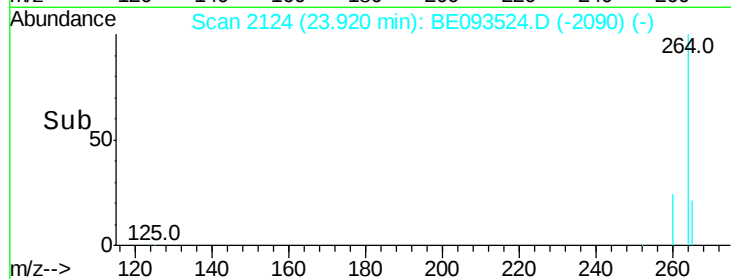
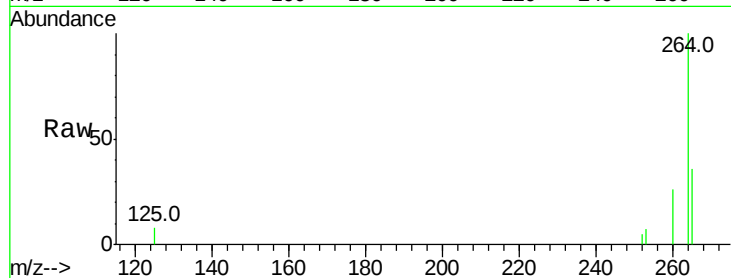
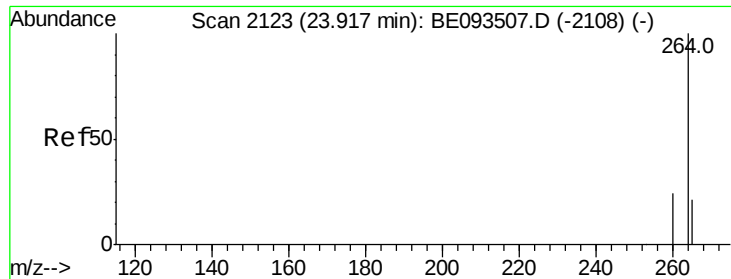
Ion Ratio Lower Upper

149 100

167 7.4 4.8 7.2#

279 0.9 0.8 1.2





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE093524.D

Acq: 22 Jul 2017 00:51

Instrument :

BNA_E

ClientSampleId :

3573-PA3

Tot Ion:264 Resp: 29224

Ion Ratio Lower Upper

264 100

260 26.3 21.0 31.4

265 35.8 24.6 36.8

