

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021318\
 Data File : BE095660.D
 Acq On : 12 Feb 2018 14:21
 Operator : SJ/JU
 Sample : J1521-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 13 03:24:29 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 20:27:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1060	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4231	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2407	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5459	0.40	ng	0.00
27) Chrysene-d12	21.79	240	5733	0.40	ng	0.00
34) Perylene-d12	24.43	264	5353	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.92	112	579	0.18	ng	0.00
5) Phenol-d6	7.56	99	486	0.11	ng	0.00
8) Nitrobenzene-d5	9.61	82	1793	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3106	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	468	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	4951	0.48	ng	-0.02
25) Fluoranthene-d10	19.69	212	32864	0.46	ng	0.00
29) Terphenyl-d14	20.25	244	6496	0.53	ng	0.00

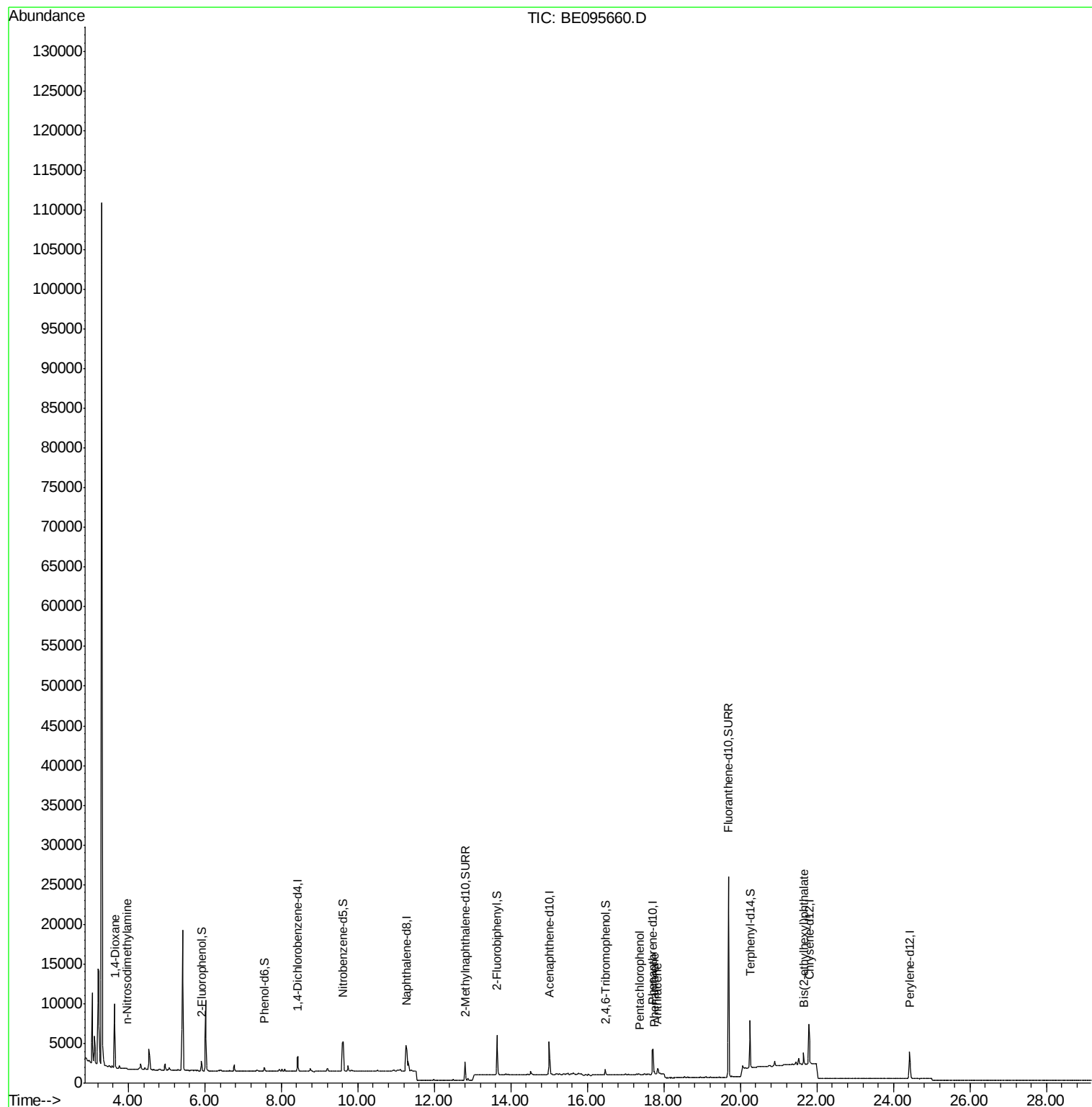
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	5396	3.07	ng	# 90
3) n-Nitrosodimethylamine	3.96	42	52	0.02	ng	# 1
22) Pentachlorophenol	17.37	266	21	0.18	ng	98
23) Phenanthrene	17.74	178	424	0.03	ng	# 95
24) Anthracene	17.83	178	1027	0.07	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.65	149	1866	0.04	ng	# 97

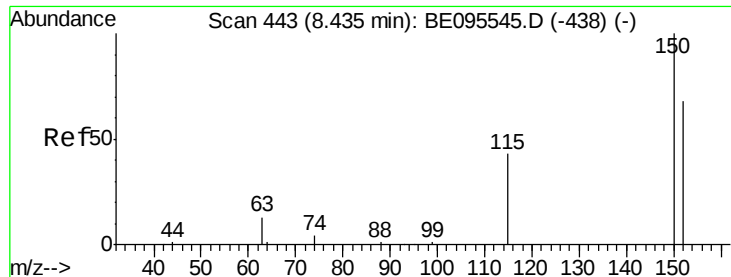
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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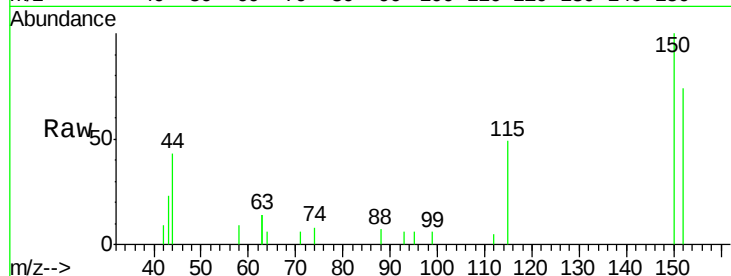


#1

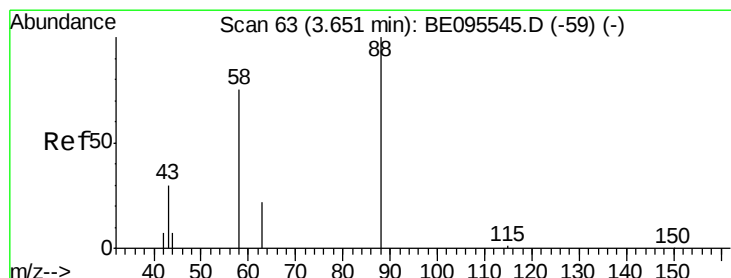
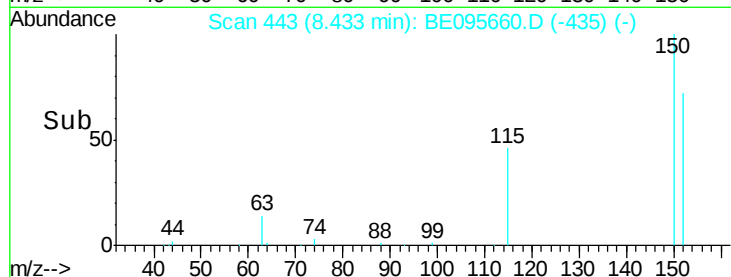
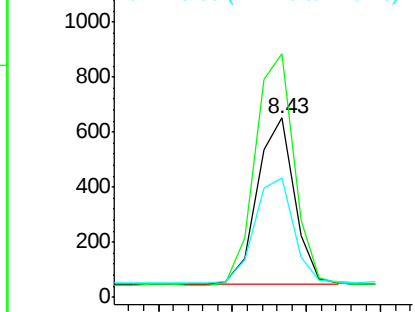
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.43 min Scan# 443
Delta R.T. -0.00 min
Lab File: BE095660.D
Acq: 12 Feb 2018 14:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1060
Ion Ratio Lower Upper
152 100
150 136.0 117.2 175.8
115 66.9 57.0 85.6



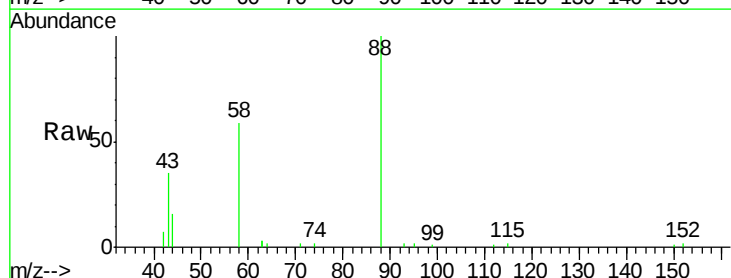
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



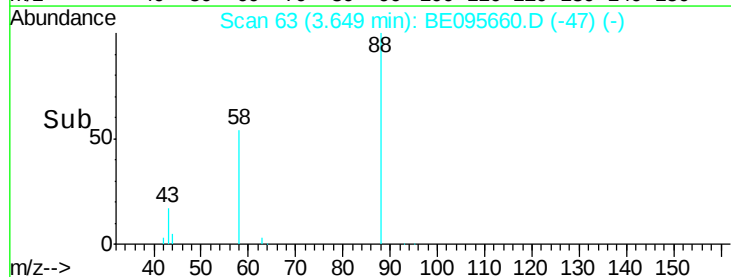
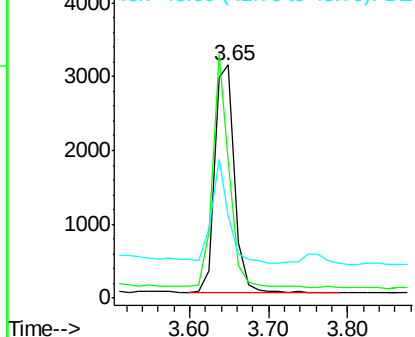
#2

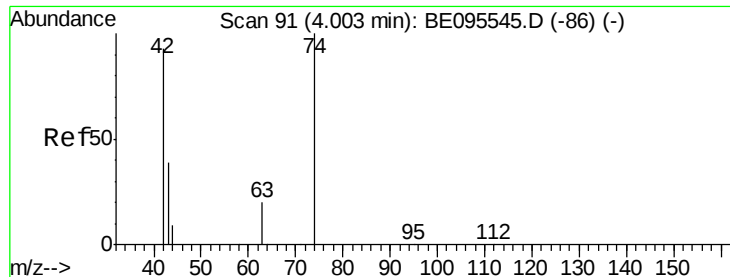
1,4-Dioxane
Concen: 3.07 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE095660.D
Acq: 12 Feb 2018 14:21

Tgt Ion: 88 Resp: 5396
Ion Ratio Lower Upper
88 100
58 84.7 63.2 94.8
43 40.0 41.2 61.8#



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: 0.02 ng

RT: 3.96 min Scan# 88

Delta R.T. -0.04 min

Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

Instrument :

BNA_E

ClientSampleId :

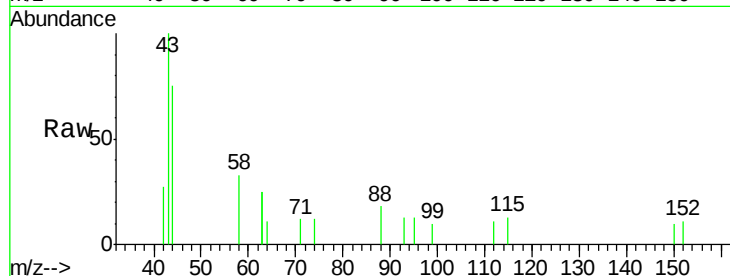
Tot Ion: 42 Resp: 52

Ion Ratio Lower Upper

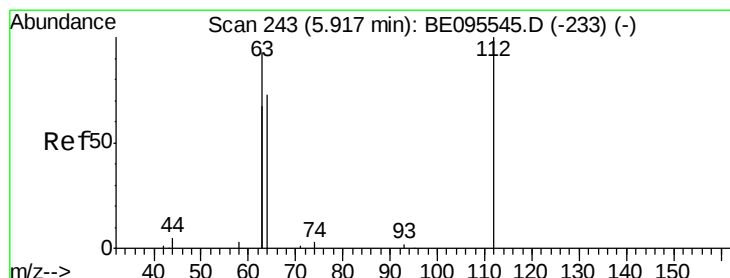
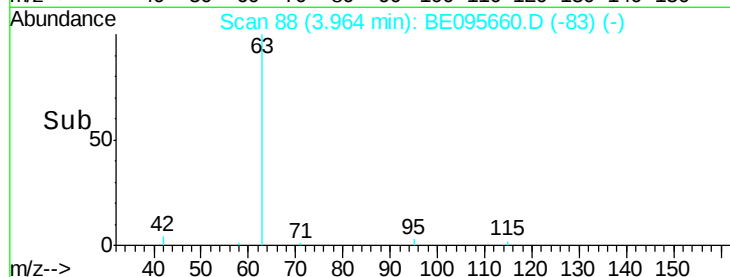
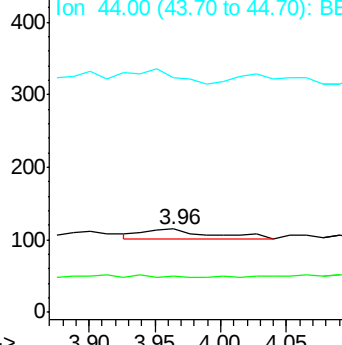
42 100

74 0.0 96.0 144.0#

44 55.8 12.0 18.0#



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: 0.18 ng

RT: 5.92 min Scan# 243

Delta R.T. -0.00 min

Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

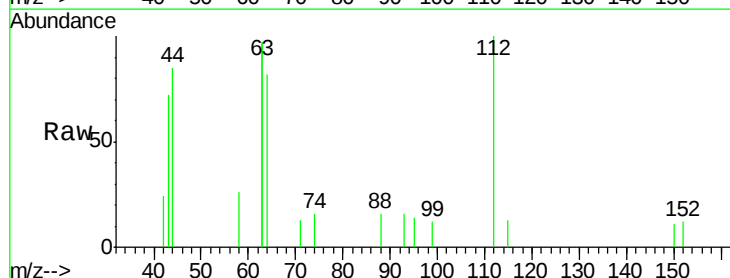
Tgt Ion: 112 Resp: 579

Ion Ratio Lower Upper

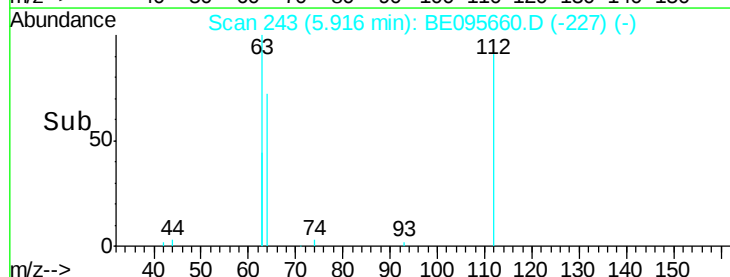
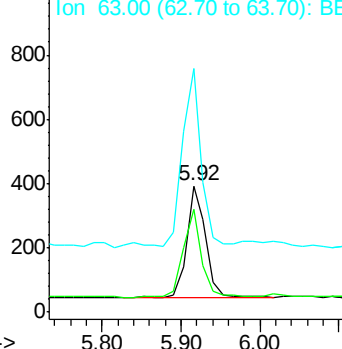
112 100

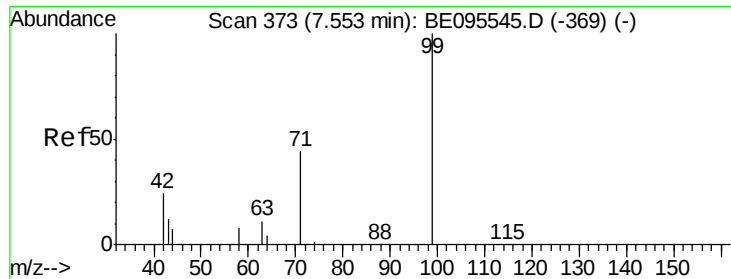
64 76.9 60.1 90.1

63 157.7 116.8 175.2



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: 0.11 ng

RT: 7.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

Instrument :

BNA_E

ClientSampleId :

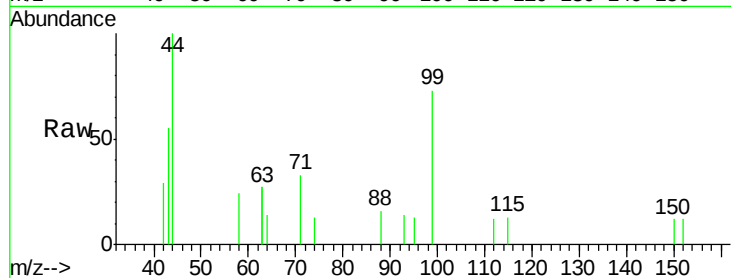
Tot Ion: 99 Resp: 486

Ion Ratio Lower Upper

99 100

42 27.2 20.2 30.2

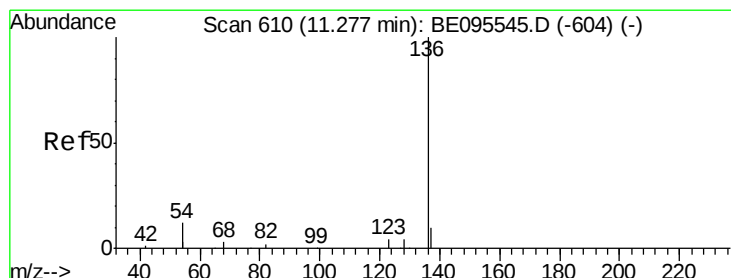
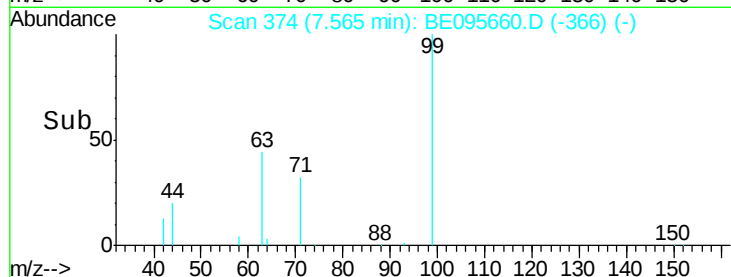
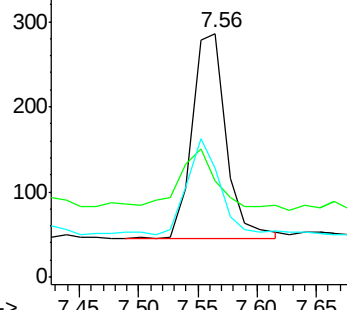
71 44.9 28.4 42.6#



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: 0.40 ng

RT: 11.28 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

Tgt Ion: 136 Resp: 4231

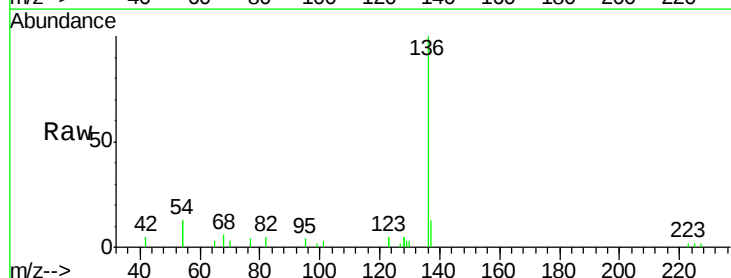
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 25.1 29.1 43.7#

68 6.1 6.2 9.2#

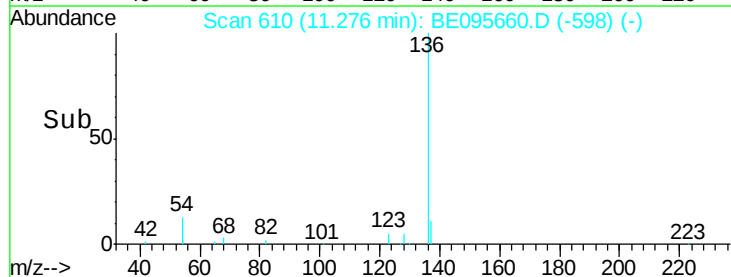
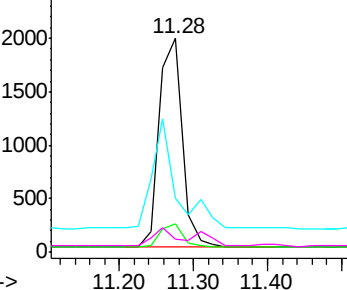


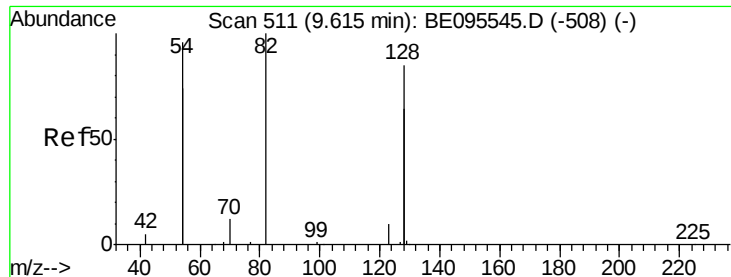
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.40 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

Instrument :

BNA_E

ClientSampleId :

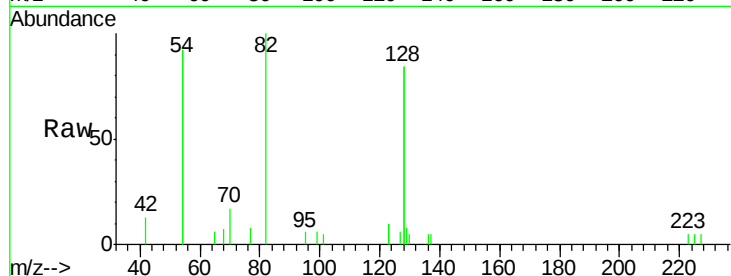
Tot Ion: 82 Resp: 1793

Ion Ratio Lower Upper

82 100

128 168.6 150.0 225.0

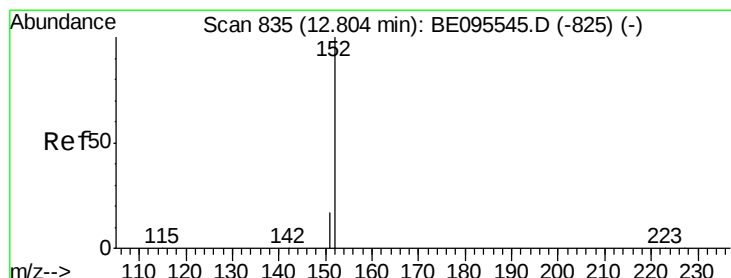
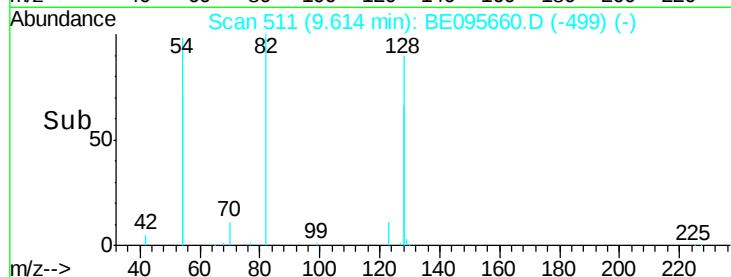
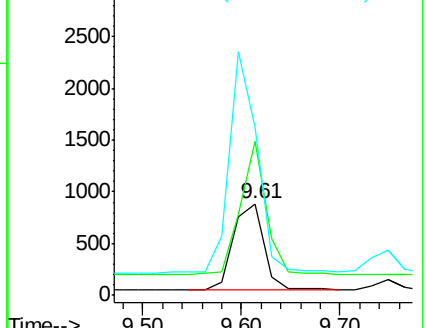
54 183.5 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE095545.D (-508) (-)

Ion 128.00 (127.70 to 128.70): BE095545.D (-508) (-)

Ion 54.00 (53.70 to 54.70): BE095545.D (-508) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.44 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095660.D

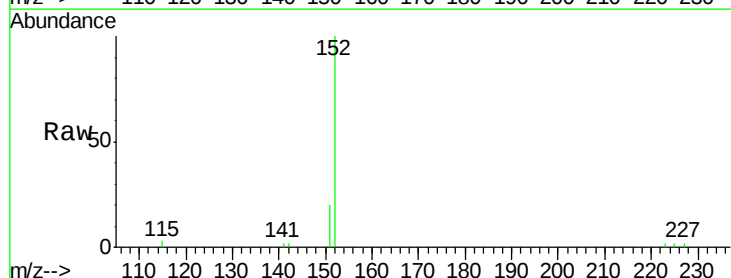
Acq: 12 Feb 2018 14:21

Tgt Ion: 152 Resp: 3106

Ion Ratio Lower Upper

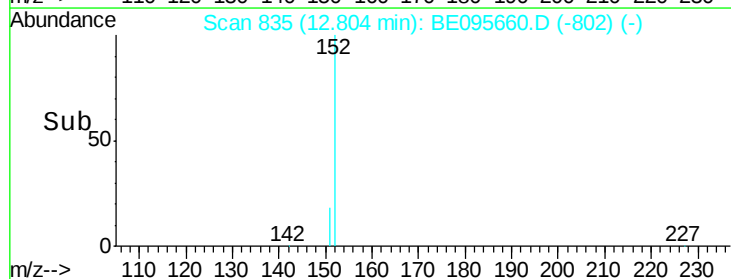
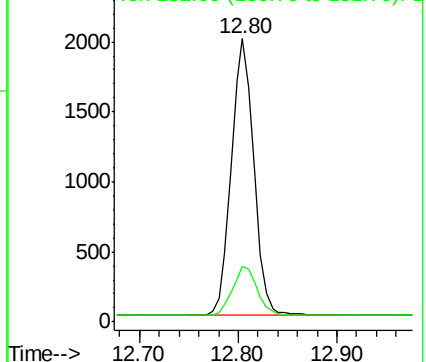
152 100

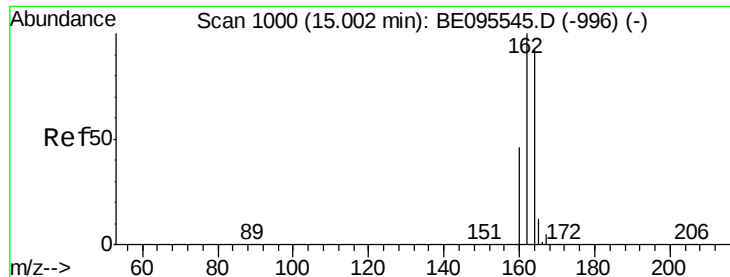
151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095545.D (-825) (-)

Ion 151.00 (150.70 to 151.70): BE095545.D (-825) (-)





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.00 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

Instrument :

BNA_E

ClientSampleId :

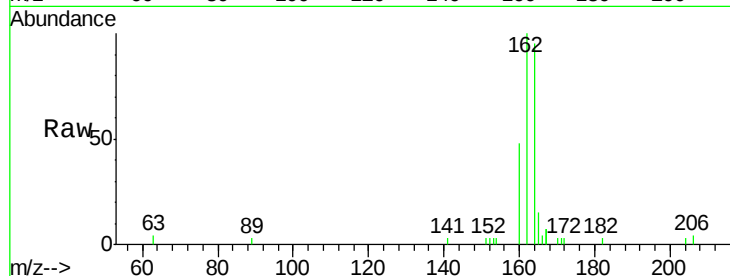
Tot Ion:164 Resp: 2407

Ion Ratio Lower Upper

164 100

162 105.7 83.1 124.7

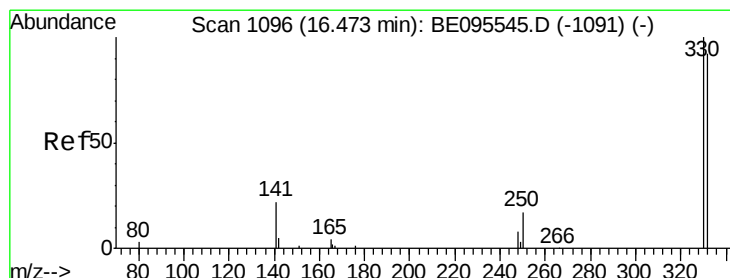
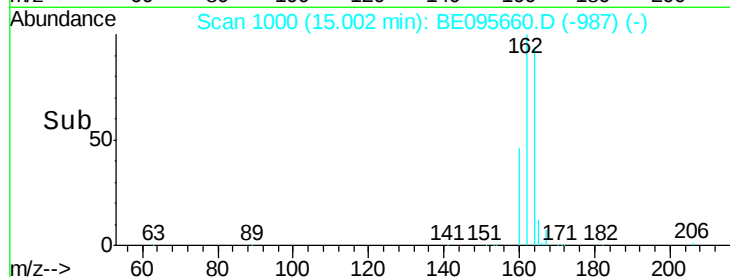
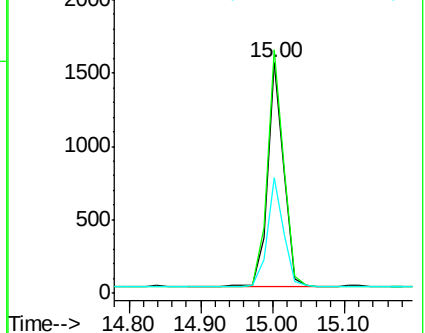
160 50.4 37.1 55.7



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: 0.43 ng

RT: 16.47 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

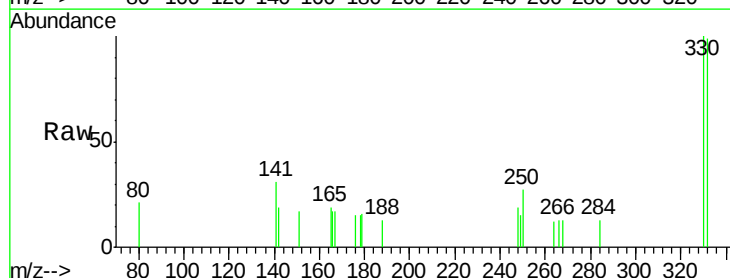
Tgt Ion:330 Resp: 468

Ion Ratio Lower Upper

330 100

332 98.1 152.7 229.1#

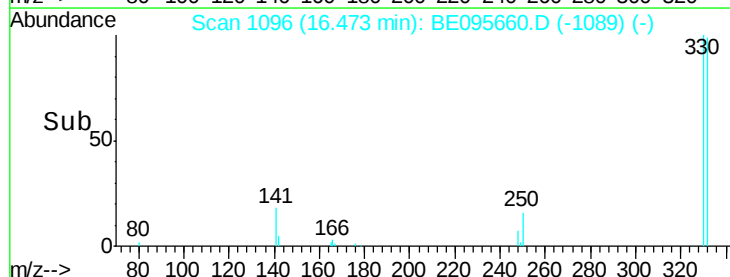
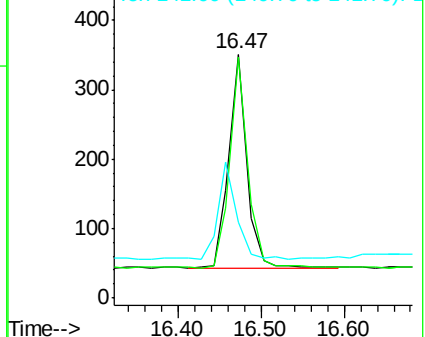
141 43.8 33.7 50.5

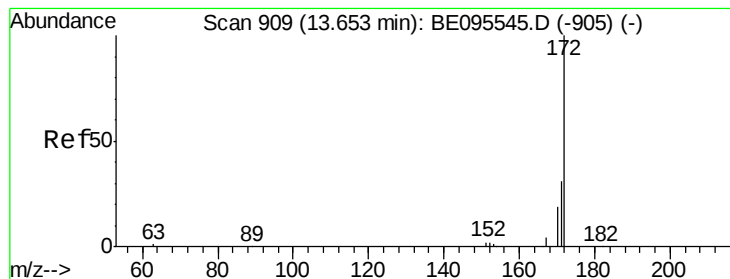


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

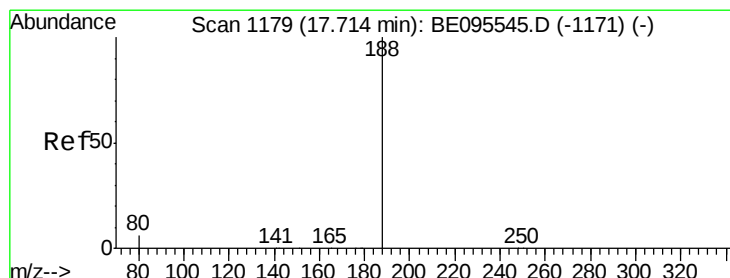
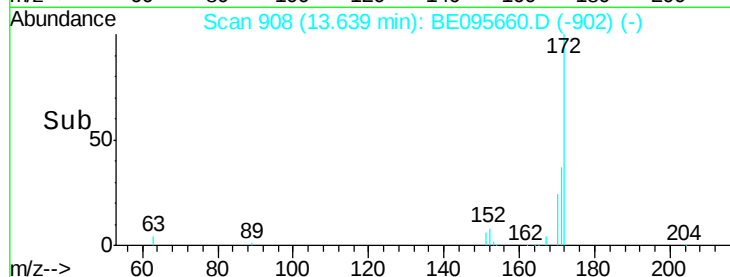
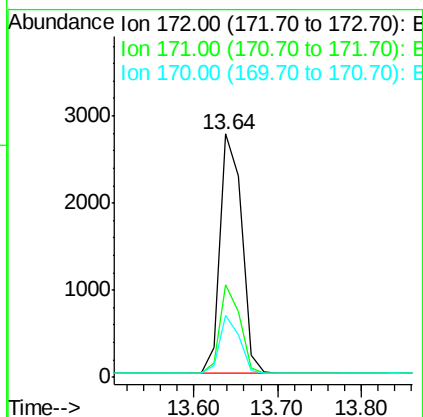
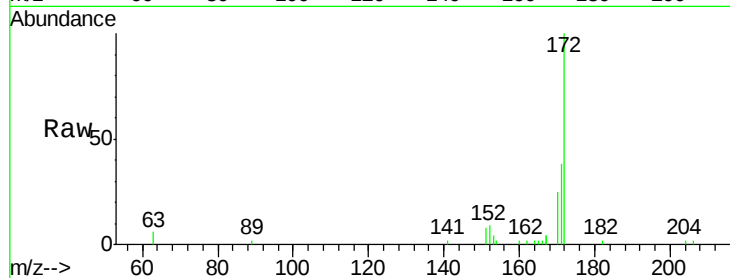




#15
2-Fluorobiphenyl
Concen: 0.48 ng
RT: 13.64 min Scan# 908
Delta R.T. -0.02 min
Lab File: BE095660.D
Acq: 12 Feb 2018 14:21

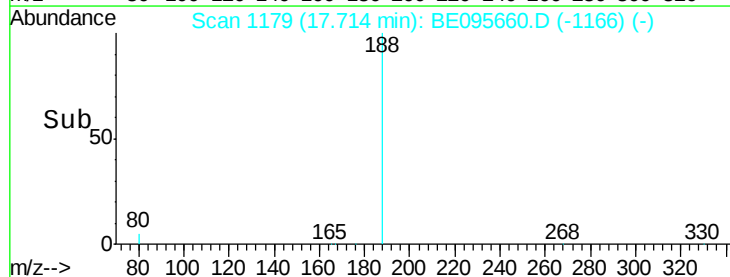
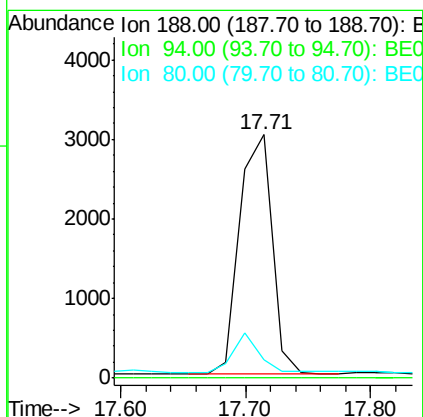
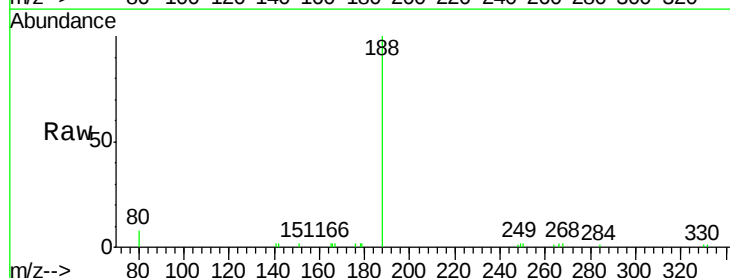
Instrument :
BNA_E
ClientSampleId :

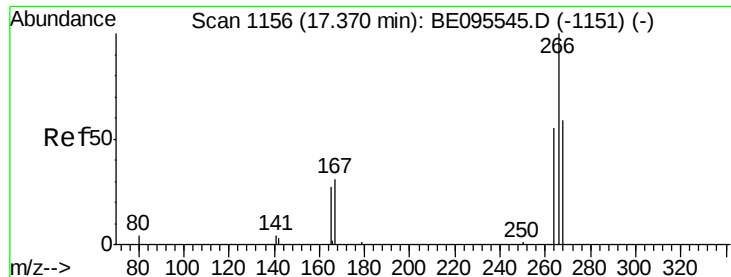
Tot Ion:172 Resp: 4951
Ion Ratio Lower Upper
172 100
171 38.0 29.9 44.9
170 25.5 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BE095660.D
Acq: 12 Feb 2018 14:21

Tgt Ion:188 Resp: 5459
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 7.7 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.18 ng

RT: 17.37 min Scan# 1156

Delta R.T. 0.00 min

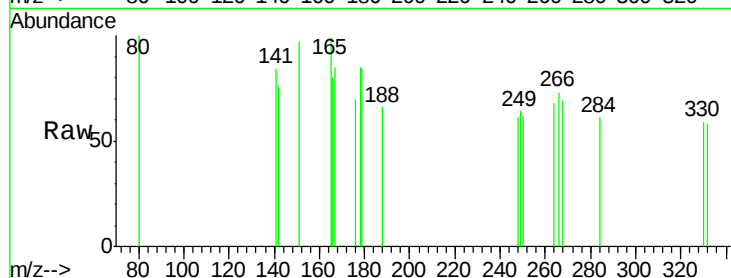
Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

Instrument :

BNA_E

ClientSampleId :



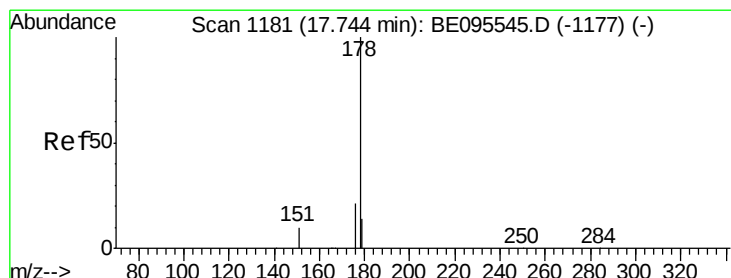
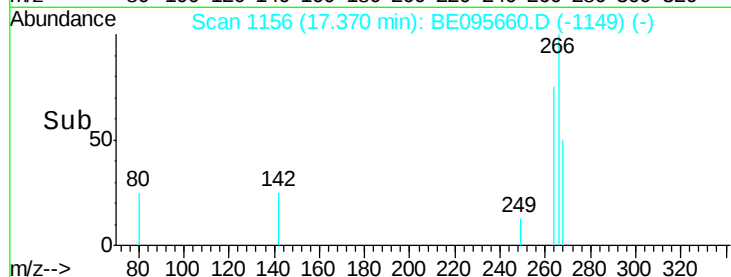
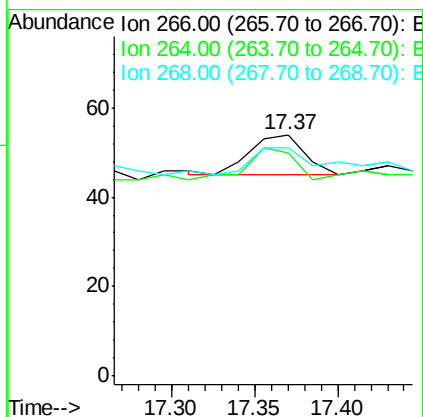
Tot Ion:266 Resp: 21

Ion Ratio Lower Upper

266 100

264 92.6 72.5 108.7

268 94.4 73.8 110.6



#23

Phenanthrene

Concen: 0.03 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

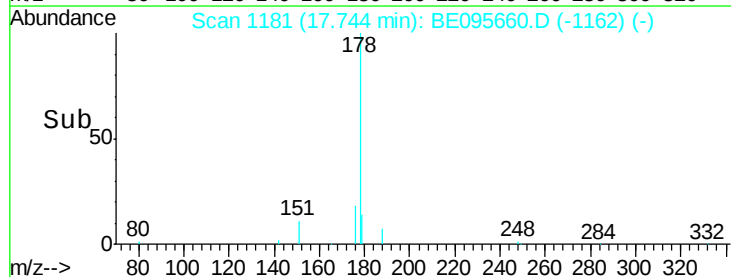
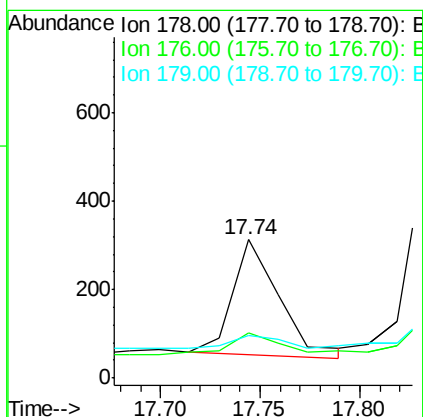
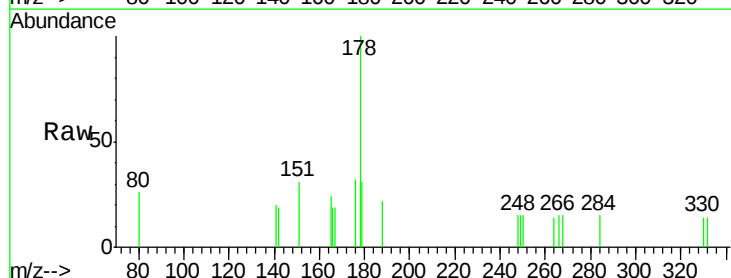
Tgt Ion:178 Resp: 424

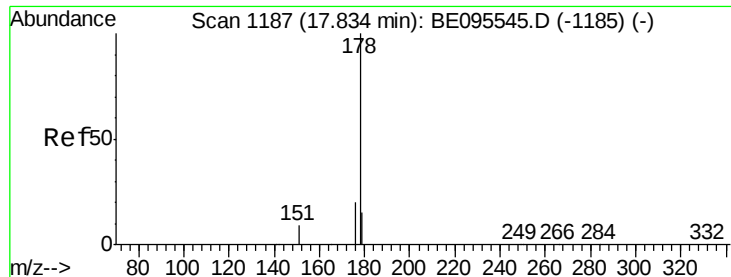
Ion Ratio Lower Upper

178 100

176 20.5 15.1 22.7

179 11.6 11.8 17.6#





#24

Anthracene

Concen: 0.07 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

Instrument :

BNA_E

ClientSampleId :

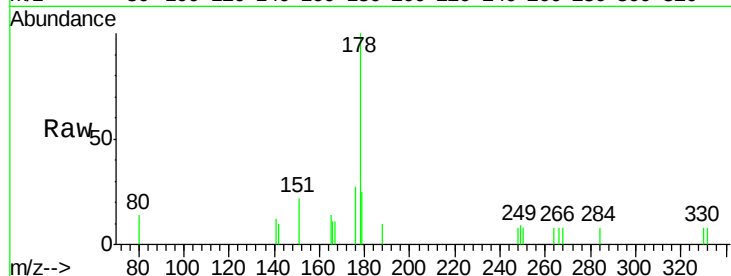
Tot Ion:178 Resp: 1027

Ion Ratio Lower Upper

178 100

176 17.5 12.8 19.2

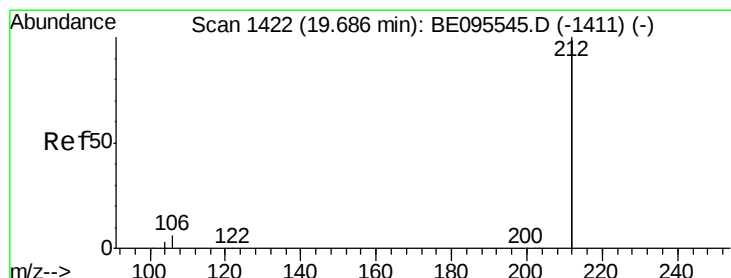
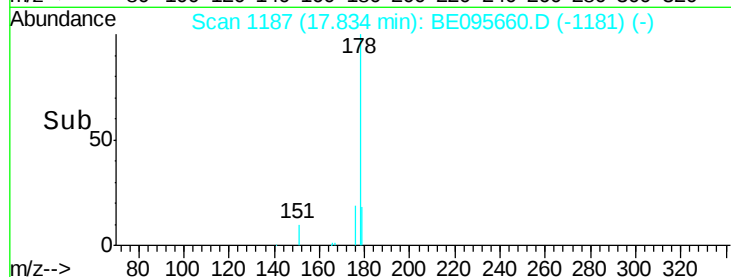
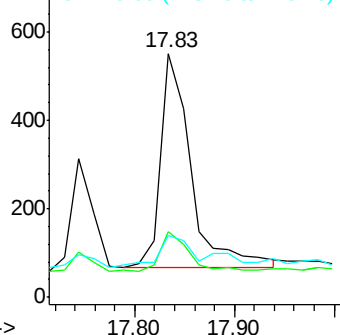
179 22.8 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.46 ng

RT: 19.69 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

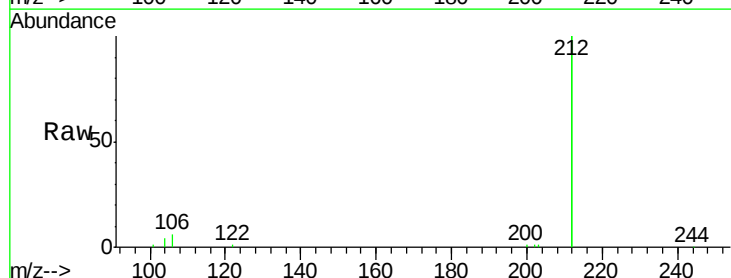
Tgt Ion:212 Resp: 32864

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

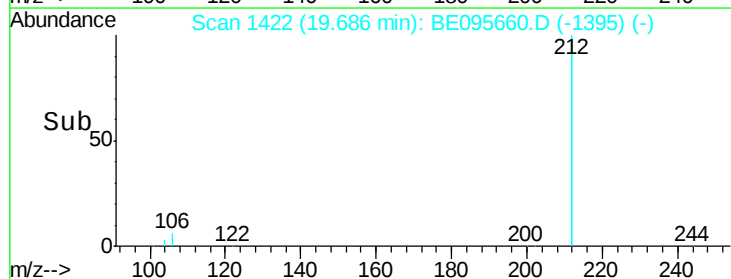
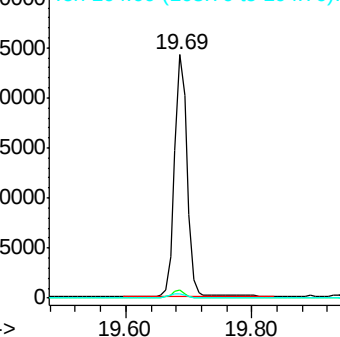
104 1.7 1.6 2.4

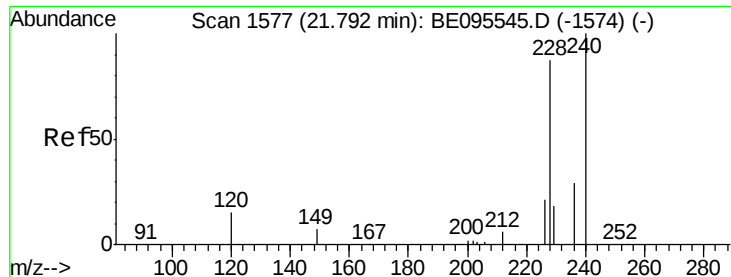


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.79 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

Instrument :

BNA_E

ClientSampleId :

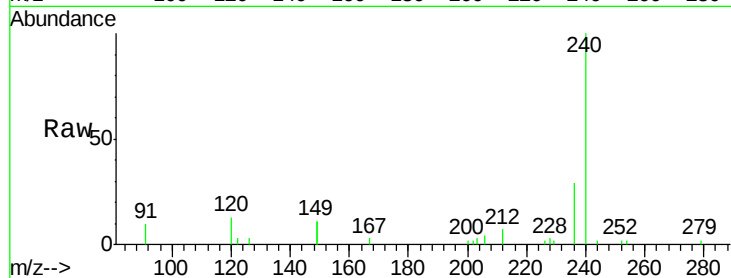
Tot Ion:240 Resp: 5733

Ion Ratio Lower Upper

240 100

120 12.9 5.5 8.3#

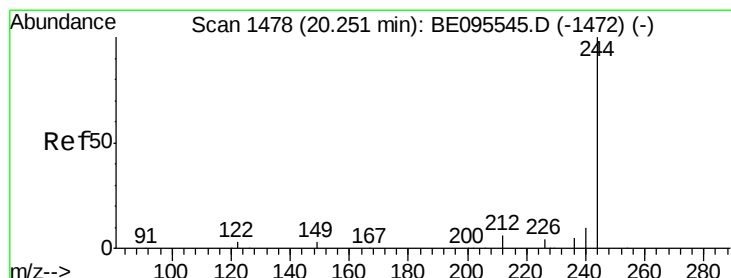
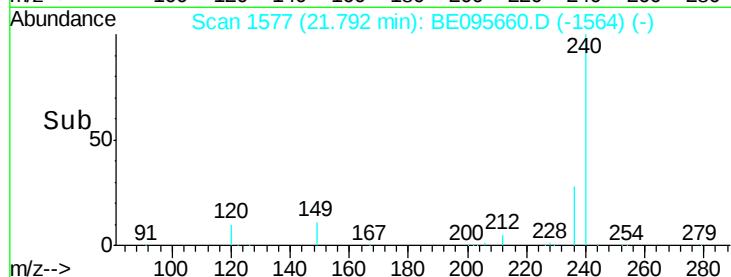
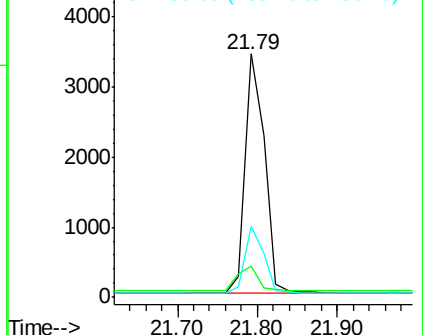
236 28.9 20.7 31.1



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: 0.53 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095660.D

Acq: 12 Feb 2018 14:21

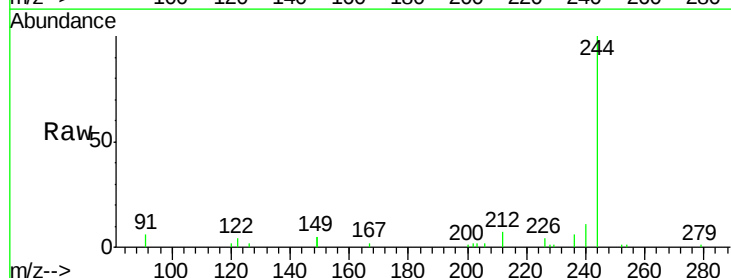
Tgt Ion:244 Resp: 6496

Ion Ratio Lower Upper

244 100

212 7.1 25.4 38.0#

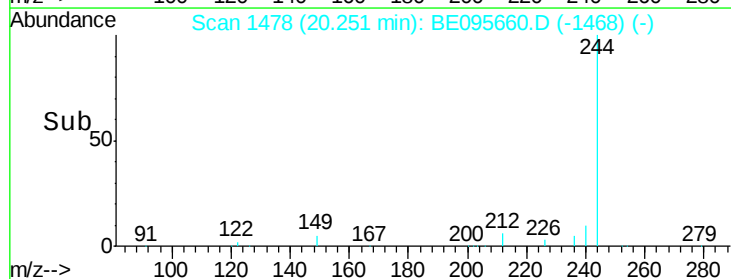
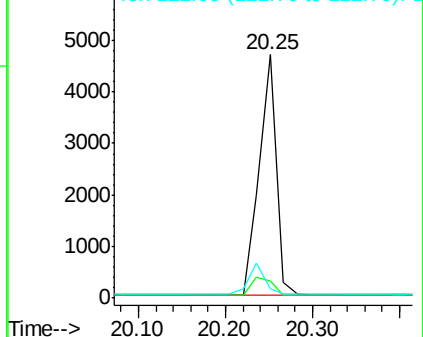
122 3.9 8.1 12.1#

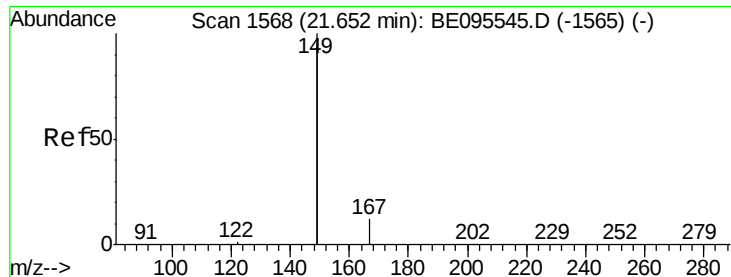


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

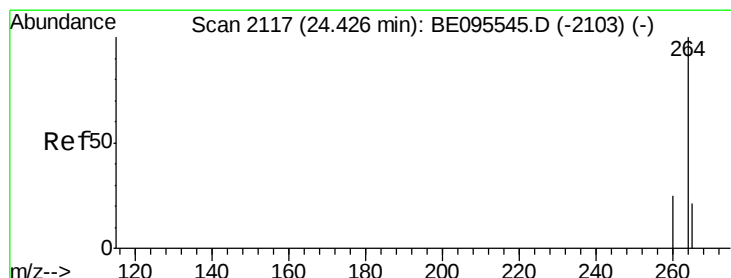
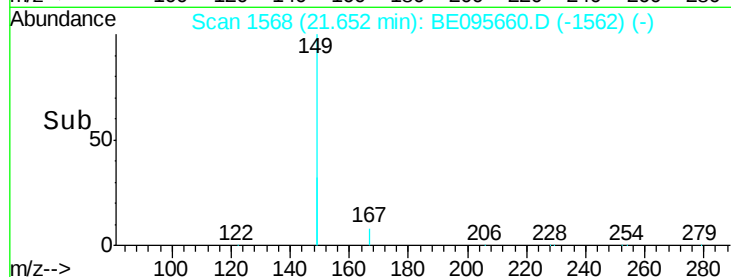
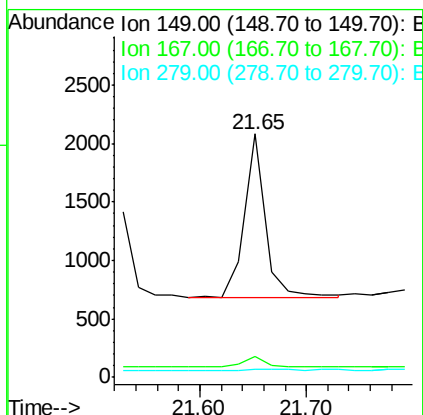
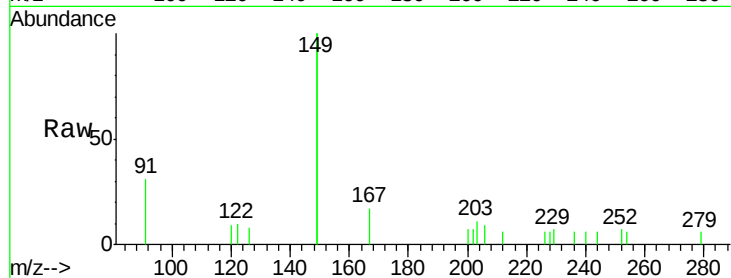




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.04 ng
 RT: 21.65 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BE095660.D
 Acq: 12 Feb 2018 14:21

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:149 Resp: 1866
 Ion Ratio Lower Upper
 149 100
 167 8.0 5.4 8.0
 279 1.3 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 24.43 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BE095660.D
 Acq: 12 Feb 2018 14:21

Tgt Ion:264 Resp: 5353
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.5 30.7
 265 28.1 22.8 34.2

