

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095840.D
 Acq On : 26 Mar 2018 15:02
 Operator : SJ/JU
 Sample : J1985-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 27 05:40:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

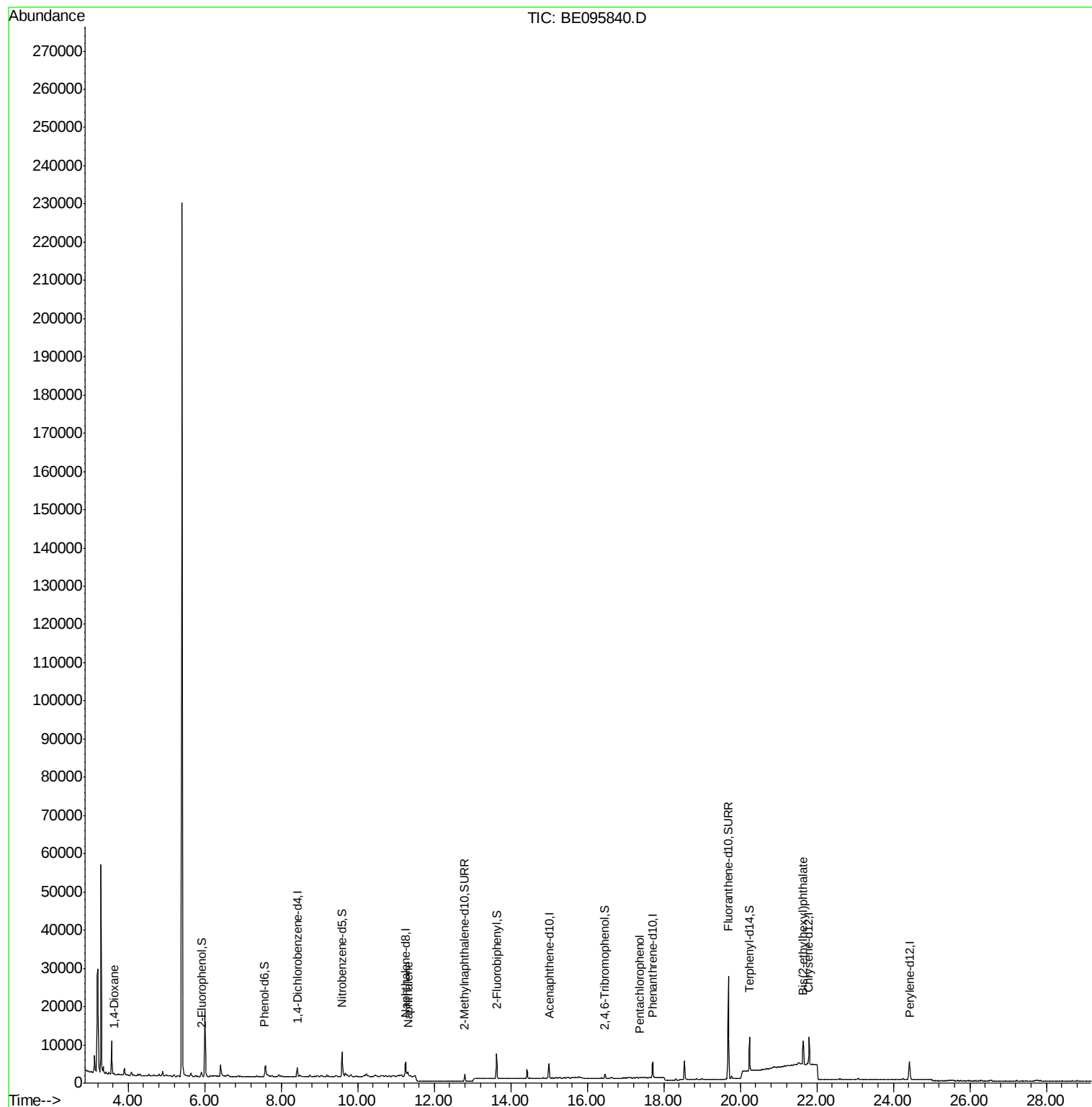
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1135	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4424	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2560	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6066	0.40	ng	0.00
27) Chrysene-d12	21.79	240	7078	0.40	ng	-0.01
34) Perylene-d12	24.42	264	6978	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	574	0.15	ng	0.00
5) Phenol-d6	7.56	99	458	0.09	ng	0.00
8) Nitrobenzene-d5	9.59	82	2358	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2707	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.46	330	626	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	5335	0.49	ng	-0.01
25) Fluoranthene-d10	19.68	212	33991	0.38	ng	0.00
29) Terphenyl-d14	20.24	244	8273	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.62	88	162	0.087	ng	Qvalue # 1
9) Naphthalene	11.31	128	1576	0.031	ng	# 87
22) Pentachlorophenol	17.36	266	83	0.191	ng	94
32) Bis(2-ethylhexyl)phthalate	21.64	149	7374	0.098	ng	100

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

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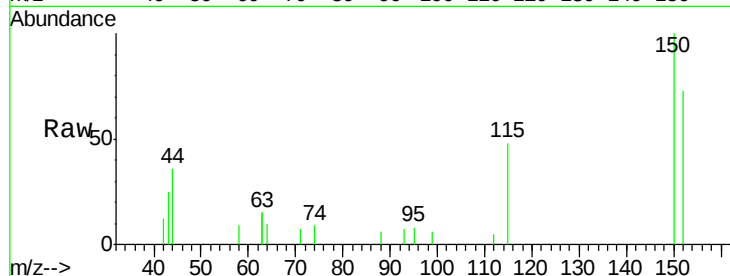


#1

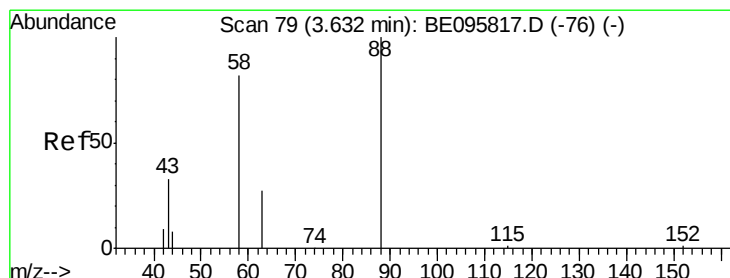
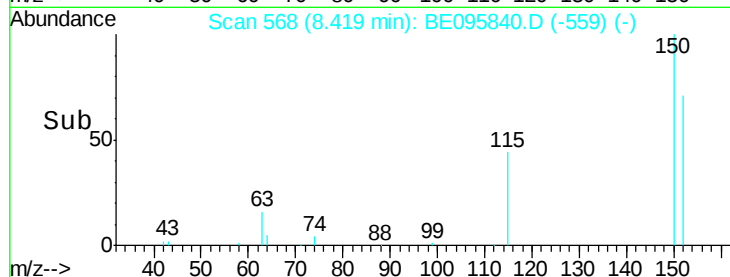
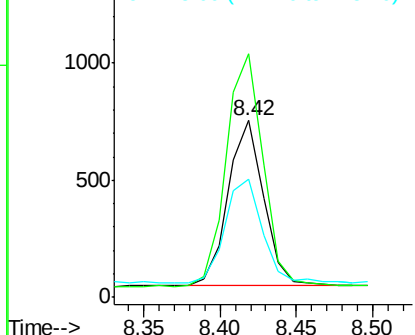
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095840.D
Acq: 26 Mar 2018 15:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1135
Ion Ratio Lower Upper
152 100
150 137.7 117.2 175.8
115 66.8 57.0 85.6



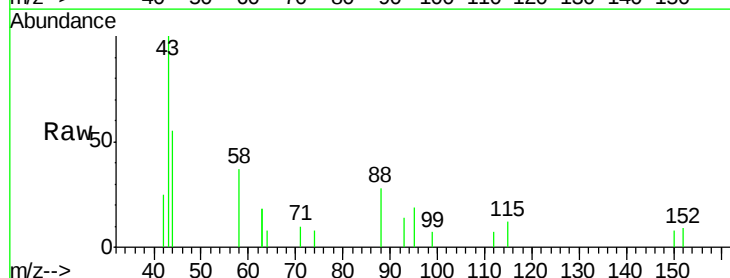
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



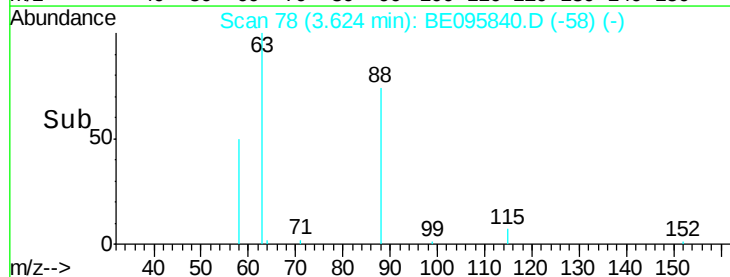
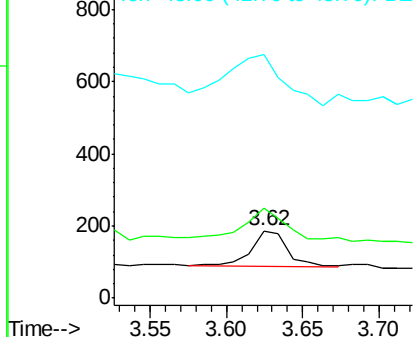
#2

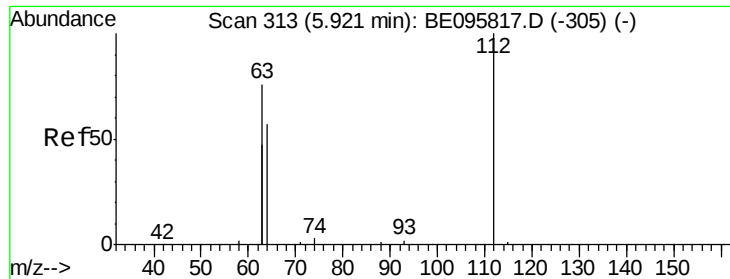
1,4-Dioxane
Concen: 0.087 ng
RT: 3.62 min Scan# 78
Delta R.T. -0.01 min
Lab File: BE095840.D
Acq: 26 Mar 2018 15:02

Tgt Ion: 88 Resp: 162
Ion Ratio Lower Upper
88 100
58 171.0 63.2 94.8#
43 238.9 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





#4

2-Fluorophenol

Concen: 0.153 ng

RT: 5.91 min Scan# 312

Delta R.T. -0.01 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

Instrument :

BNA_E

ClientSampled :

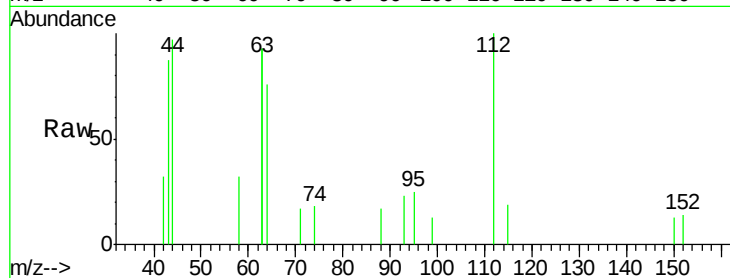
Tot Ion: 112 Resp: 574

Ion Ratio Lower Upper

112 100

64 71.8 60.1 90.1

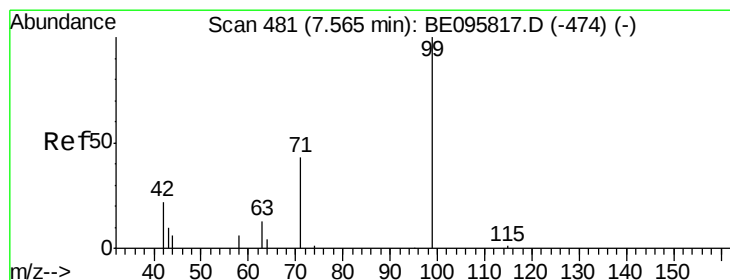
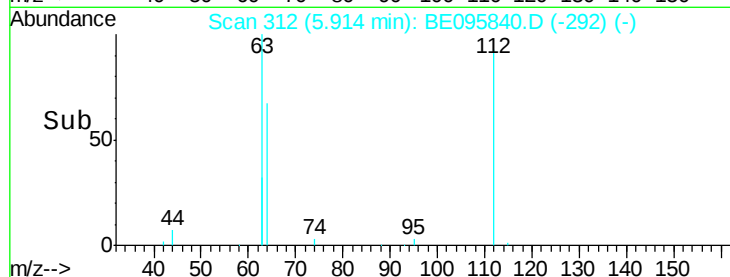
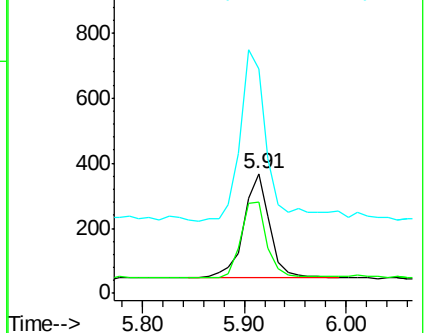
63 173.7 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.089 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

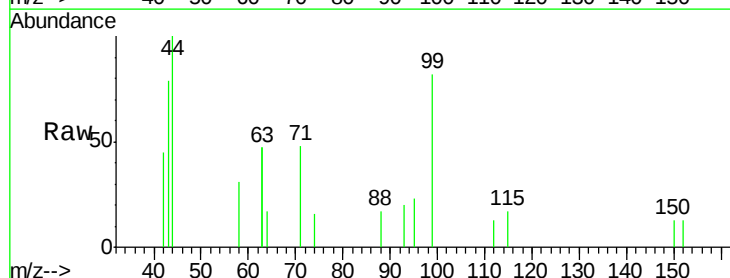
Tgt Ion: 99 Resp: 458

Ion Ratio Lower Upper

99 100

42 57.6 20.2 30.2#

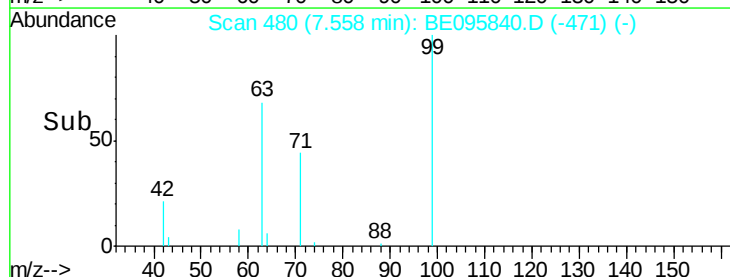
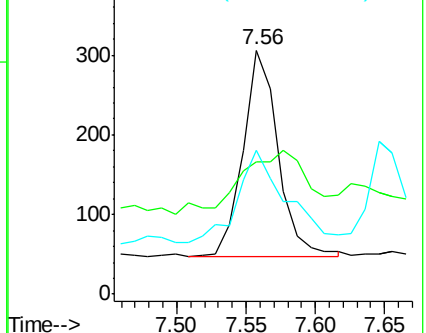
71 61.6 28.4 42.6#

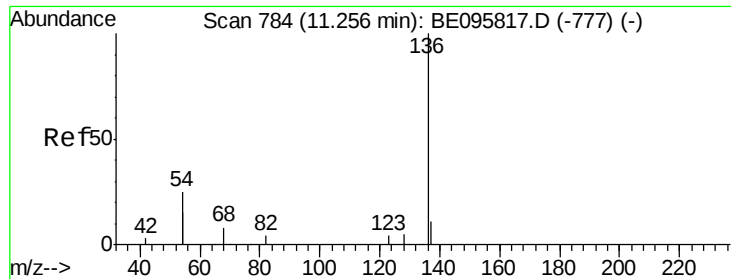


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. 0.00 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4424

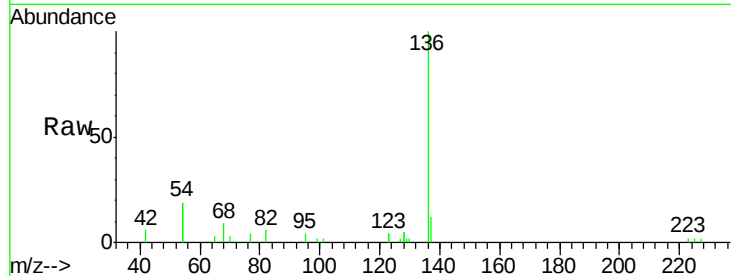
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 37.5 29.1 43.7

68 8.5 6.2 9.2

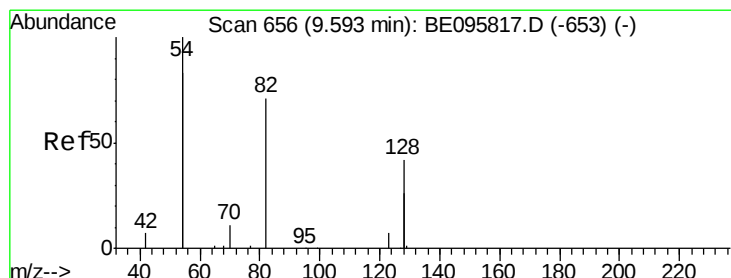
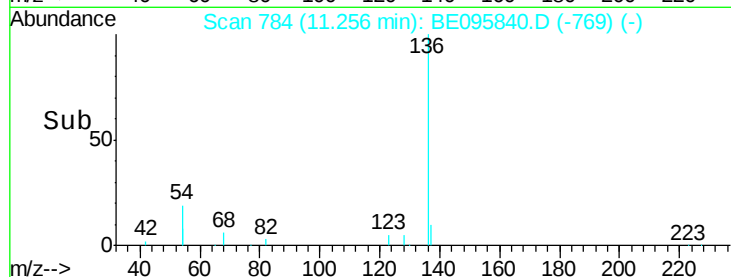
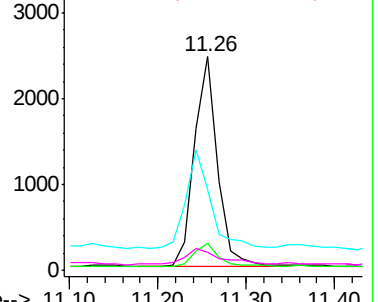


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.451 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

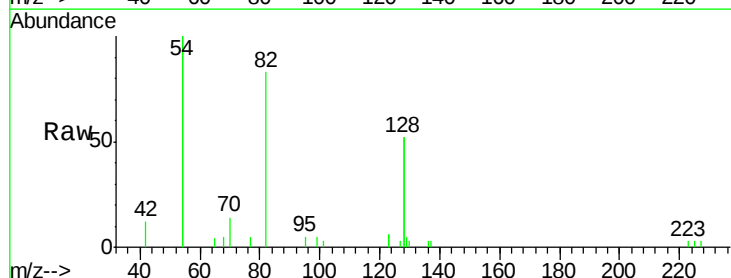
Tgt Ion: 82 Resp: 2358

Ion Ratio Lower Upper

82 100

128 124.2 150.0 225.0#

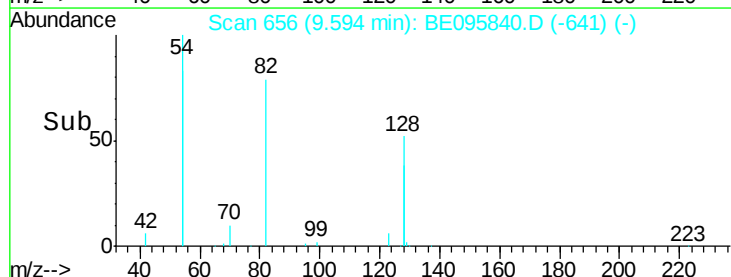
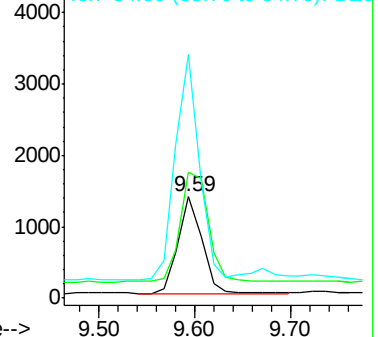
54 241.0 154.2 231.4#

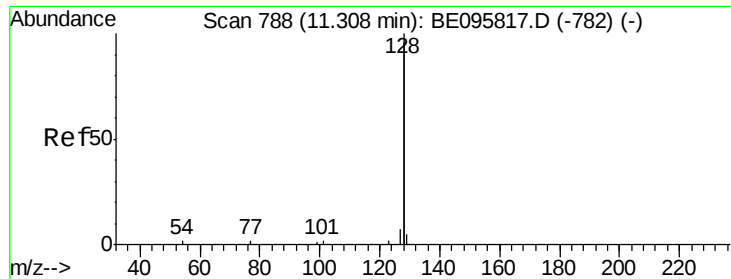


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.031 ng

RT: 11.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

Instrument :

BNA_E

ClientSampleId :

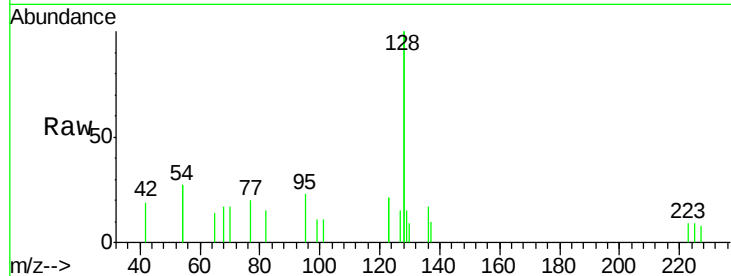
Tot Ion:128 Resp: 1576

Ion Ratio Lower Upper

128 100

129 7.7 2.6 3.8#

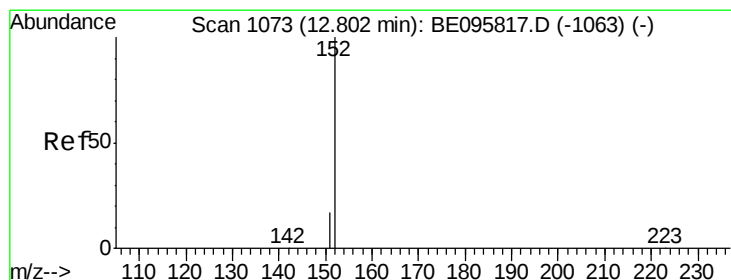
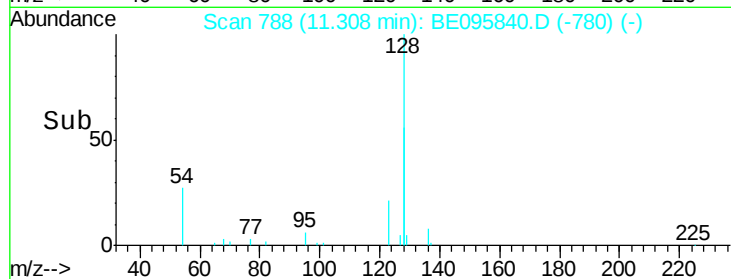
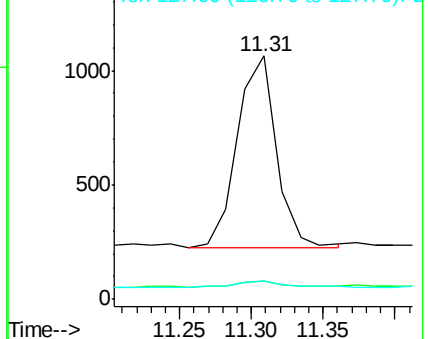
127 7.5 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.367 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095840.D

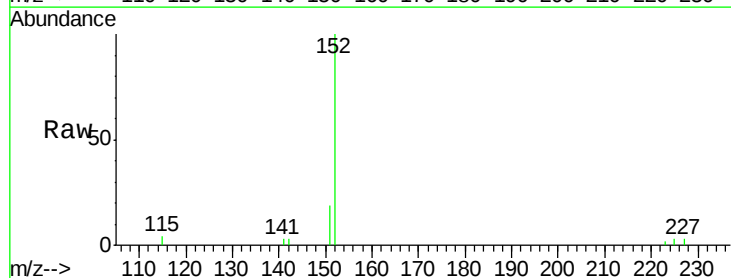
Acq: 26 Mar 2018 15:02

Tgt Ion:152 Resp: 2707

Ion Ratio Lower Upper

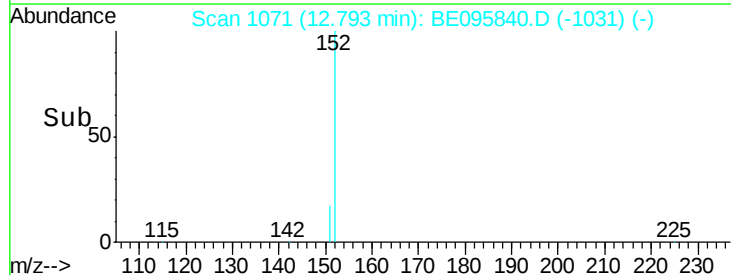
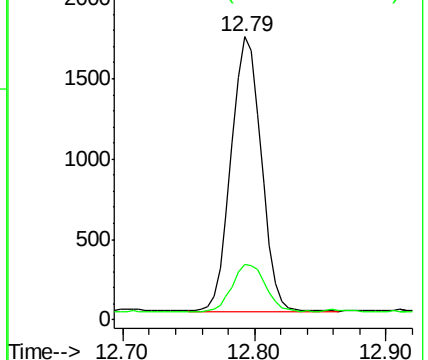
152 100

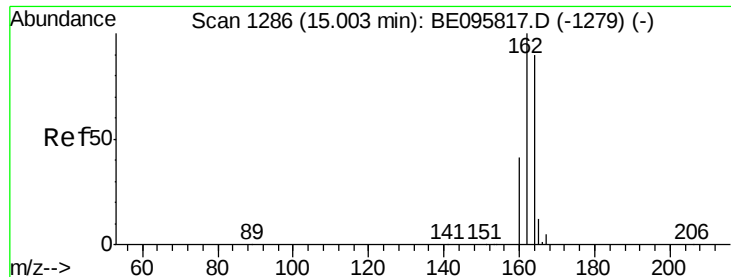
151 19.5 15.4 23.0



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: 15.00 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

Instrument :

BNA_E

ClientSampleId :

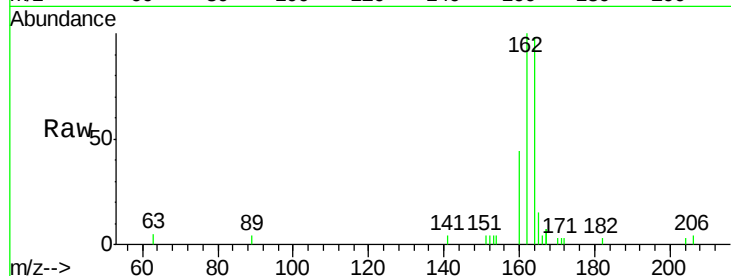
Tot Ion:164 Resp: 2560

Ion Ratio Lower Upper

164 100

162 102.0 83.1 124.7

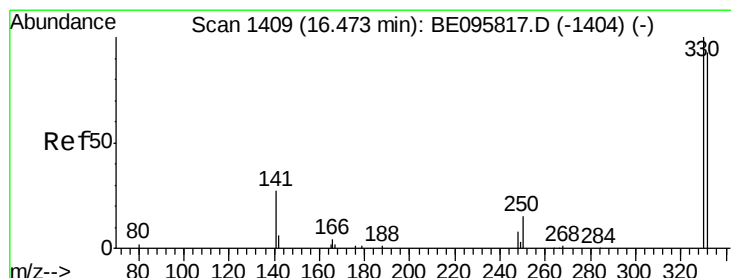
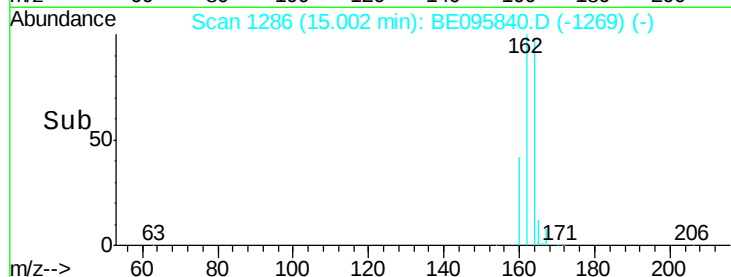
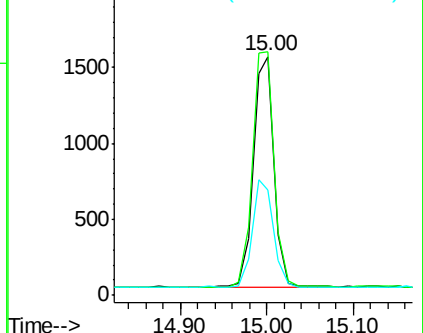
160 44.4 37.1 55.7



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: 0.424 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

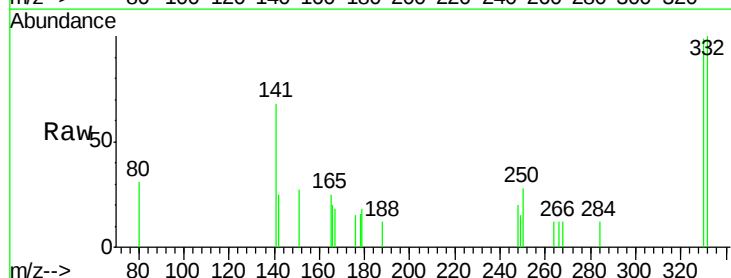
Tgt Ion:330 Resp: 626

Ion Ratio Lower Upper

330 100

332 101.3 152.7 229.1#

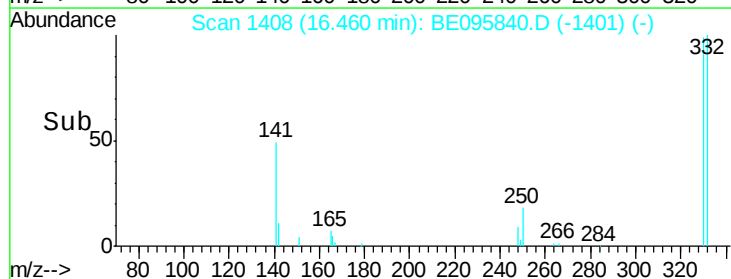
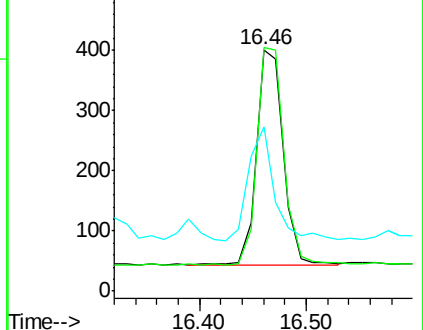
141 51.9 33.7 50.5#

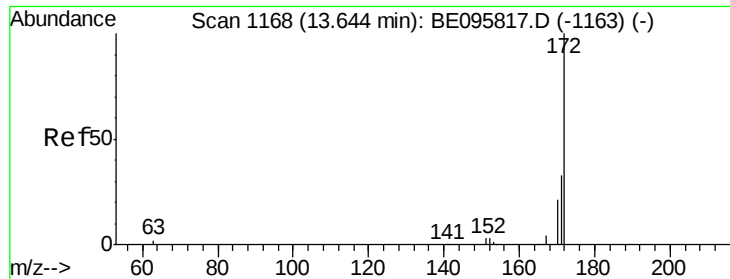


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

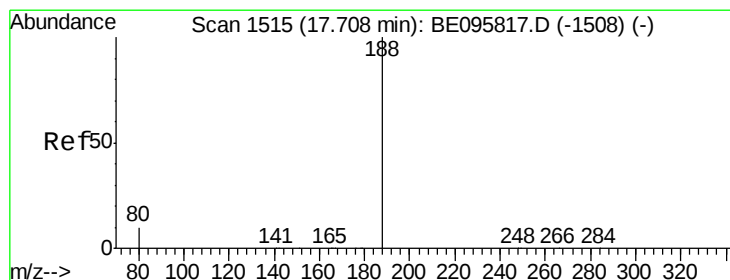
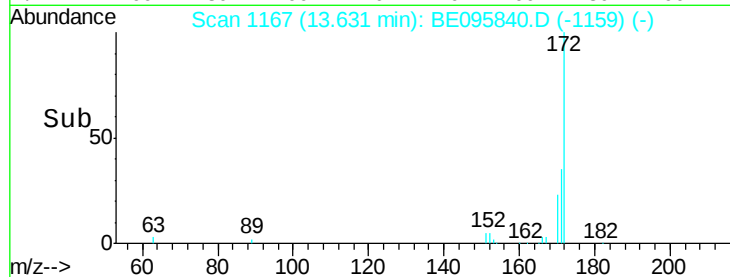
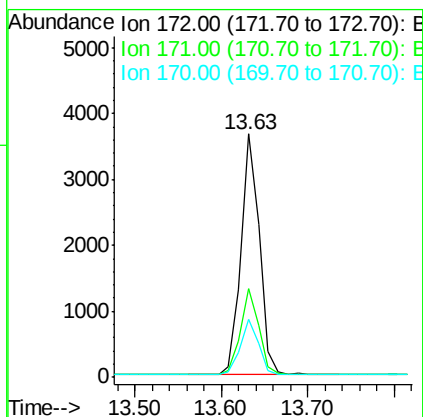
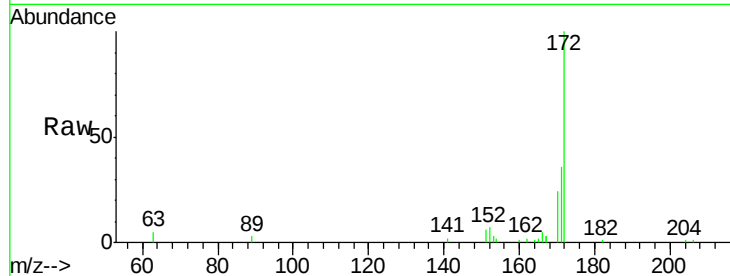




#15
2-Fluorobiphenyl
Concen: 0.494 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095840.D
Acq: 26 Mar 2018 15:02

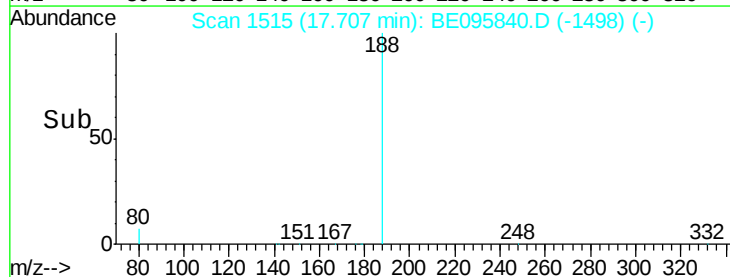
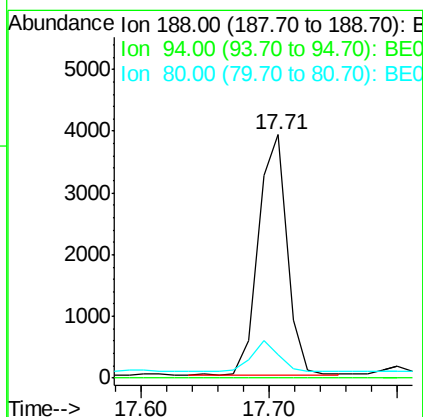
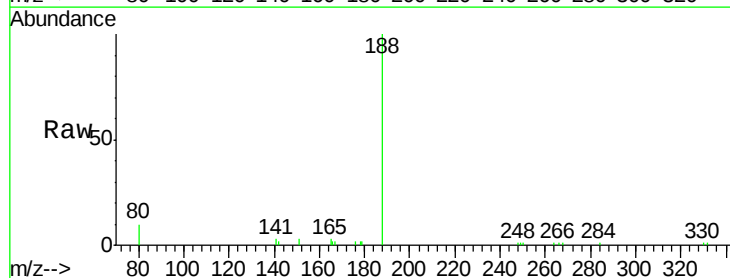
Instrument :
BNA_E
ClientSampleId :

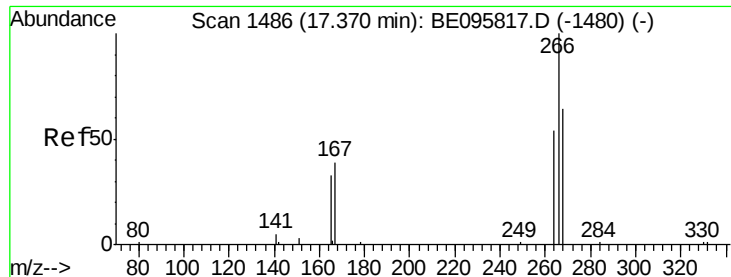
Tot Ion:172 Resp: 5335
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 23.8 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BE095840.D
Acq: 26 Mar 2018 15:02

Tgt Ion:188 Resp: 6066
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 9.6 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.191 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

Instrument :

BNA_E

ClientSampled :

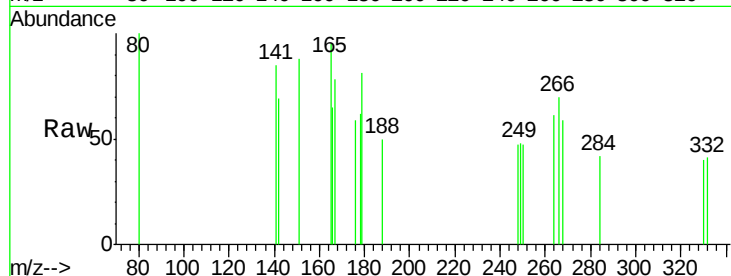
Tot Ion:266 Resp: 83

Ion Ratio Lower Upper

266 100

264 87.0 72.5 108.7

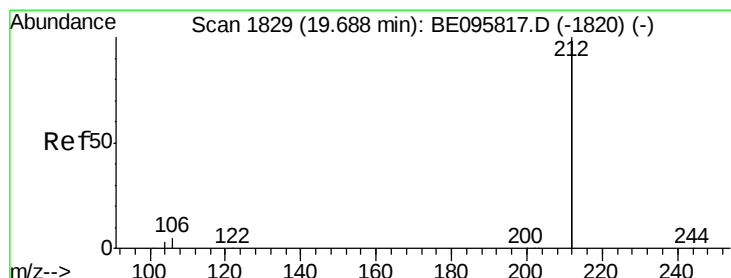
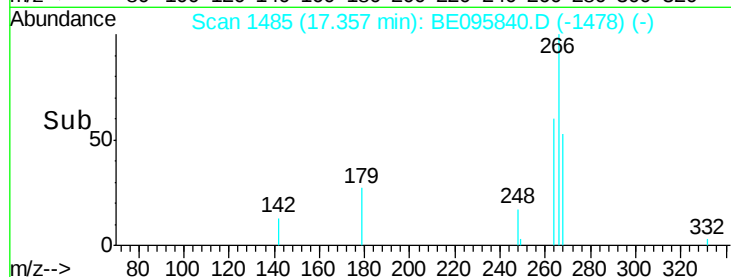
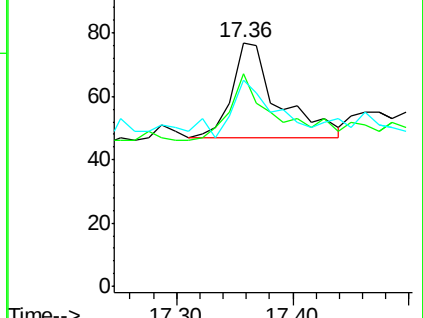
268 84.4 73.8 110.6



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: 0.377 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

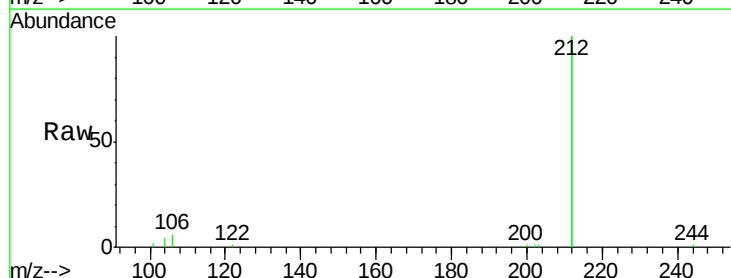
Tgt Ion:212 Resp: 33991

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

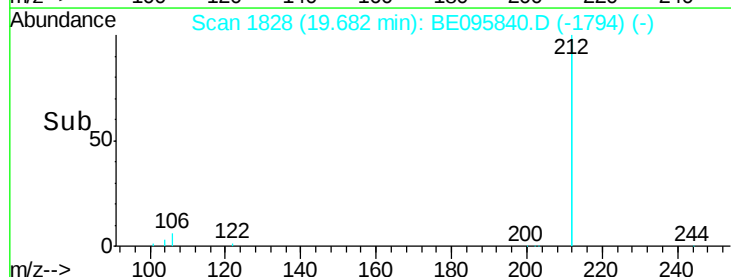
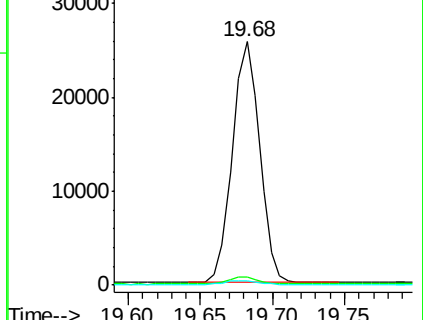
104 1.8 1.6 2.4

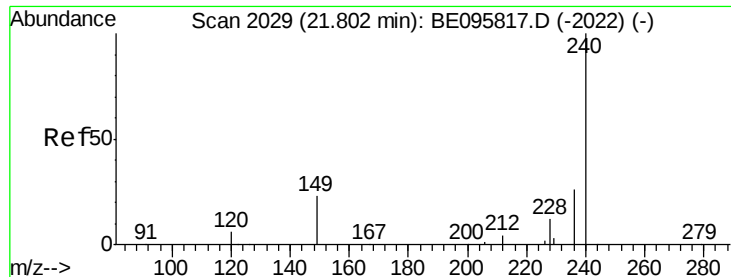


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

Instrument :

BNA_E

ClientSampleId :

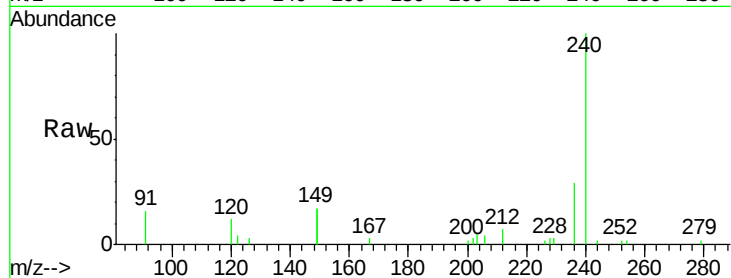
Tot Ion:240 Resp: 7078

Ion Ratio Lower Upper

240 100

120 11.7 5.5 8.3#

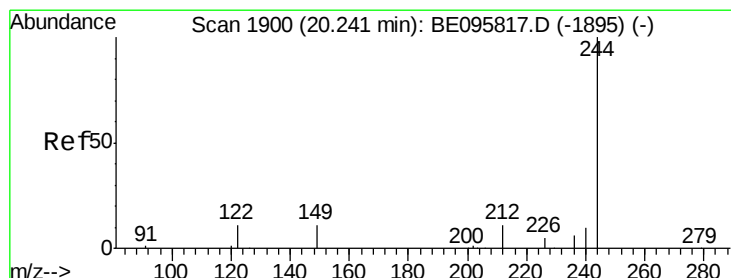
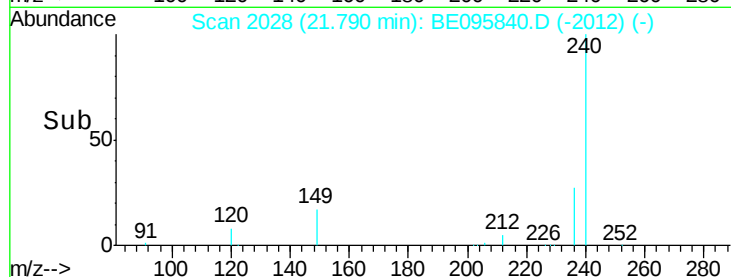
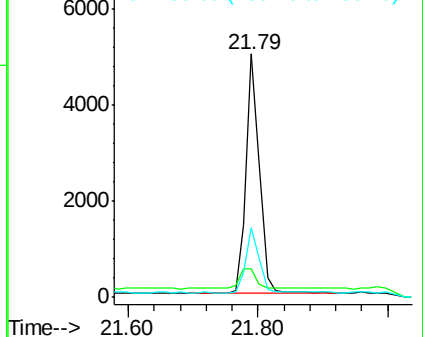
236 28.8 20.7 31.1



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: 0.550 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095840.D

Acq: 26 Mar 2018 15:02

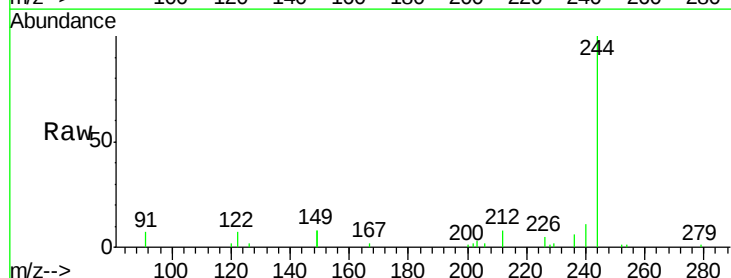
Tgt Ion:244 Resp: 8273

Ion Ratio Lower Upper

244 100

212 8.2 25.4 38.0#

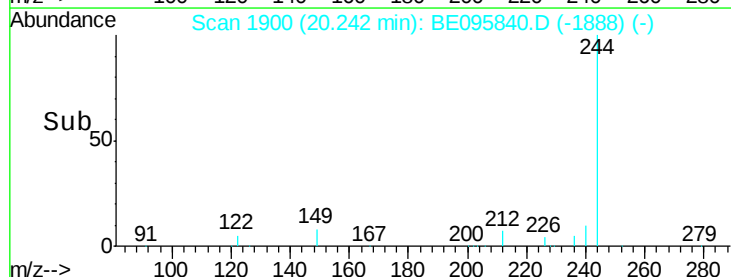
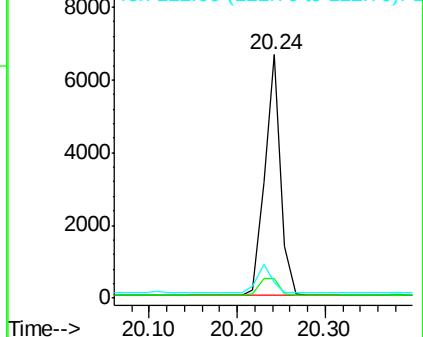
122 6.6 8.1 12.1#

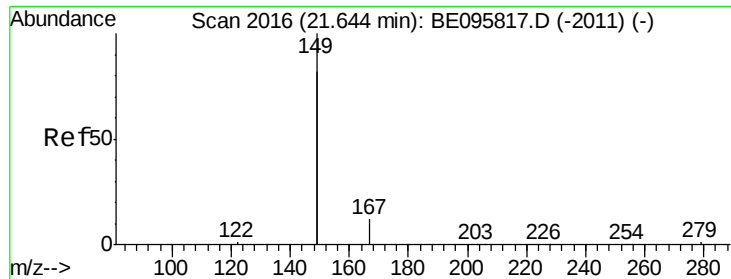


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

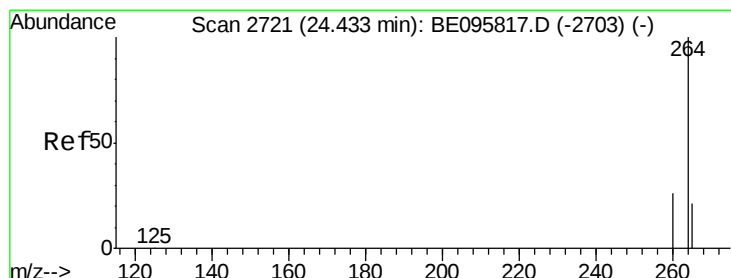
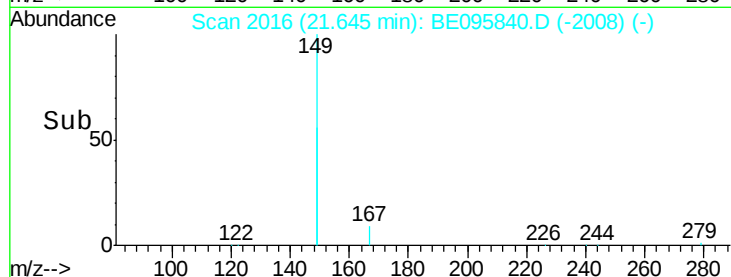
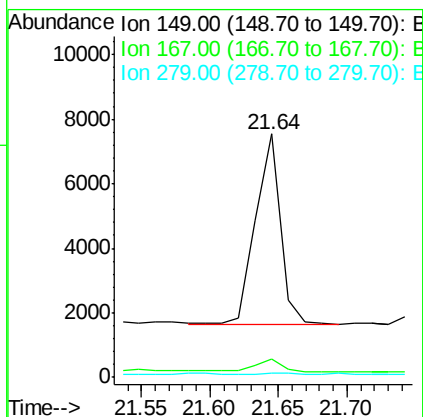
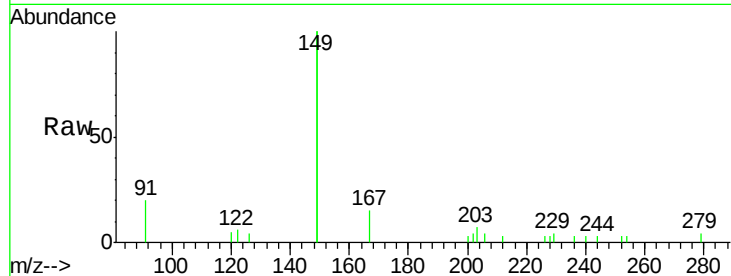




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.098 ng
 RT: 21.64 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BE095840.D
 Acq: 26 Mar 2018 15:02

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 7374
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.4 8.0
 279 0.8 0.7 1.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.42 min Scan# 2717
 Delta R.T. -0.02 min
 Lab File: BE095840.D
 Acq: 26 Mar 2018 15:02

Tgt Ion:264 Resp: 6978
 Ion Ratio Lower Upper
 264 100
 260 27.2 20.5 30.7
 265 30.1 22.8 34.2

