

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022618\
 Data File : BE095689.D
 Acq On : 26 Feb 2018 15:19
 Operator : SJ/JU
 Sample : J1627-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 26 17:50:05 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 12:12:42 2018
 Response via : Initial Calibration

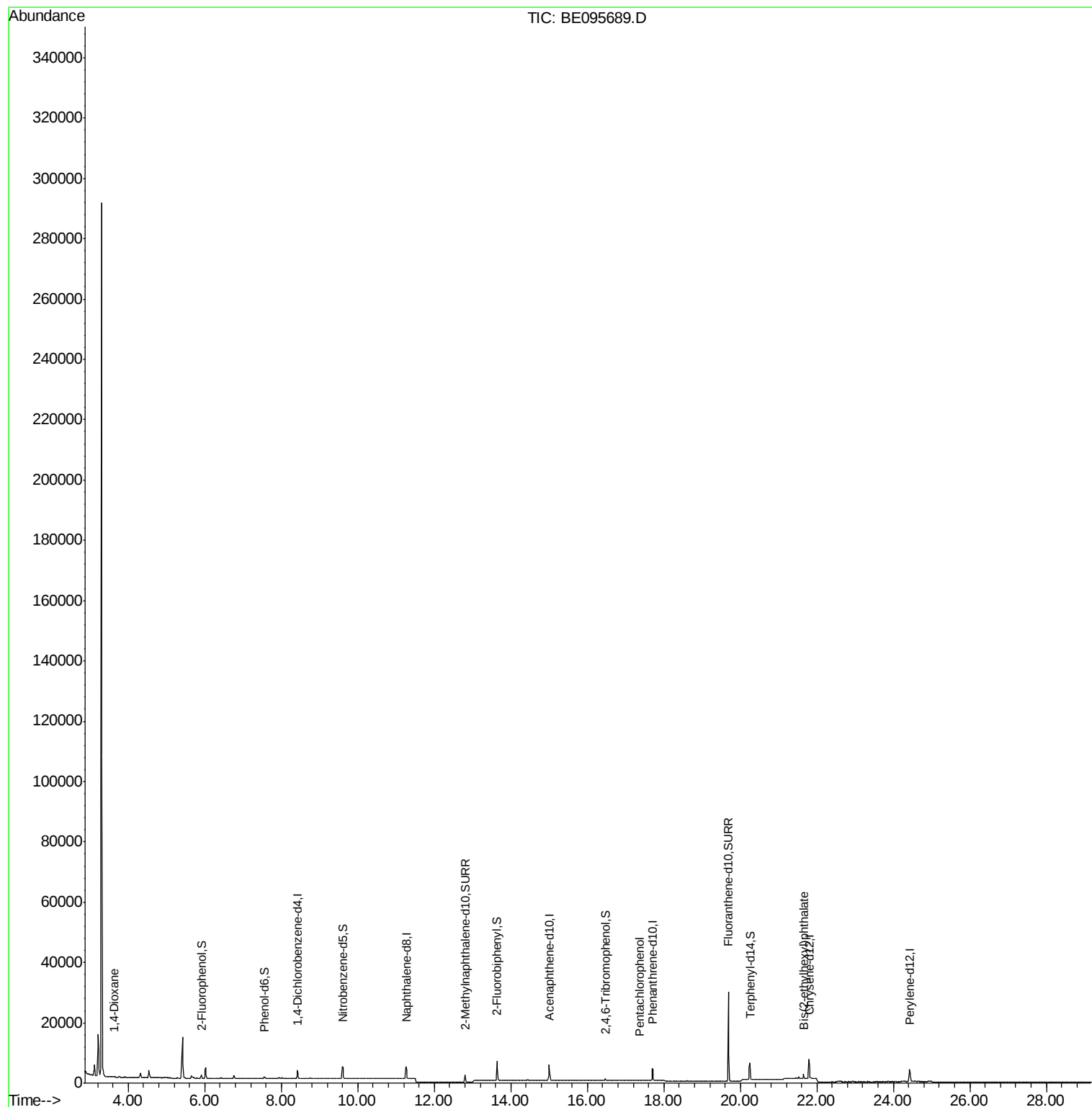
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1291	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4999	0.40	ng	-0.02
13) Acenaphthene-d10	15.00	164	2878	0.40	ng	0.00
19) Phenanthrene-d10	17.70	188	6643	0.40	ng	0.00
27) Chrysene-d12	21.79	240	7174	0.40	ng	0.00
34) Perylene-d12	24.43	264	6610	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	611	0.18	ng	0.00
5) Phenol-d6	7.56	99	462	0.10	ng	0.00
8) Nitrobenzene-d5	9.61	82	2022	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3377	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	345	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	6249	0.49	ng	0.00
25) Fluoranthene-d10	19.69	212	37717	0.43	ng	0.00
29) Terphenyl-d14	20.25	244	6335	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.64	88	108	0.053	ng	Qvalue # 6
22) Pentachlorophenol	17.37	266	23	0.193	ng	99
32) Bis(2-ethylhexyl)phthalate	21.65	149	1884	0.046	ng	# 97

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

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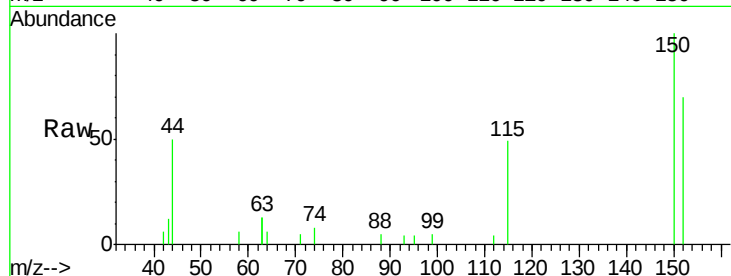


#1

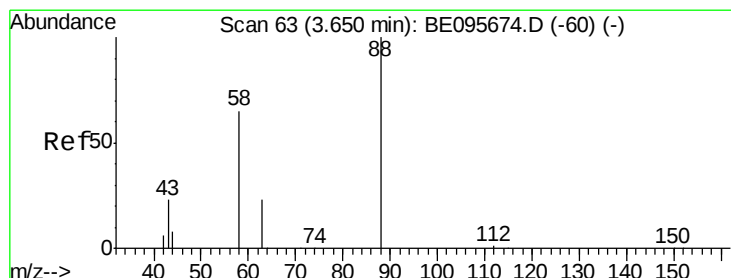
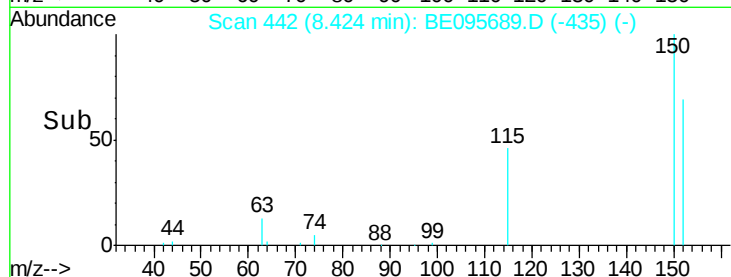
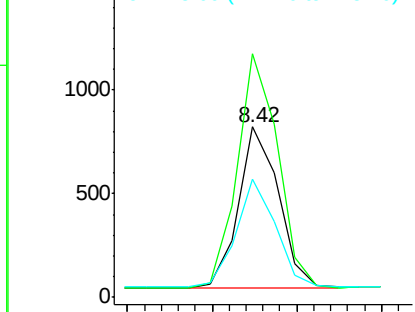
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 442
Delta R.T. -0.01 min
Lab File: BE095689.D
Acq: 26 Feb 2018 15:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1291
Ion Ratio Lower Upper
152 100
150 143.1 117.2 175.8
115 69.8 57.0 85.6



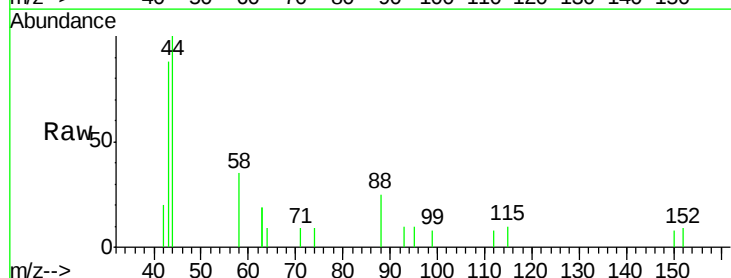
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



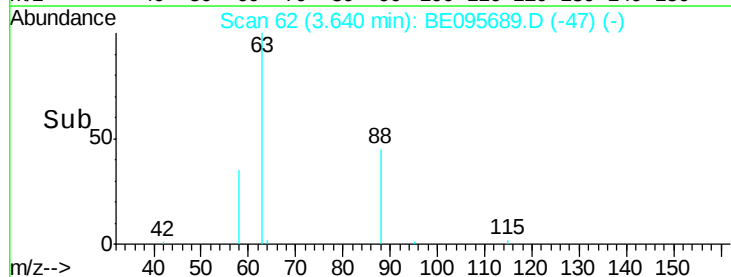
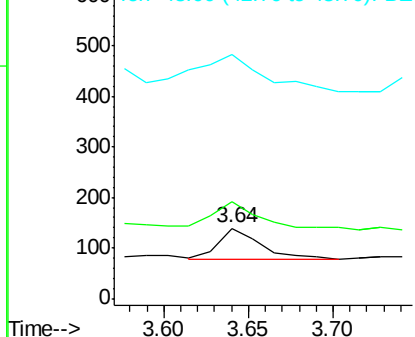
#2

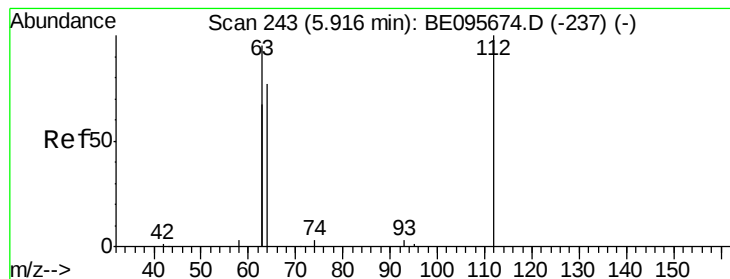
1,4-Dioxane
Concen: 0.053 ng
RT: 3.64 min Scan# 62
Delta R.T. -0.01 min
Lab File: BE095689.D
Acq: 26 Feb 2018 15:19

Tgt Ion: 88 Resp: 108
Ion Ratio Lower Upper
88 100
58 108.3 63.2 94.8#
43 181.5 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: 0.179 ng

RT: 5.92 min Scan# 243

Delta R.T. 0.00 min

Lab File: BE095689.D

Acq: 26 Feb 2018 15:19

Instrument :

BNA_E

ClientSampled :

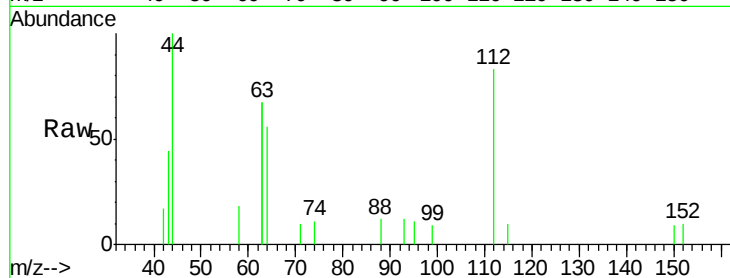
Tot Ion: 112 Resp: 611

Ion Ratio Lower Upper

112 100

64 71.5 60.1 90.1

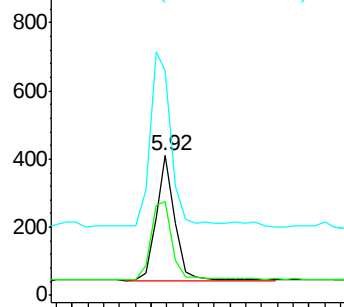
63 154.5 116.8 175.2



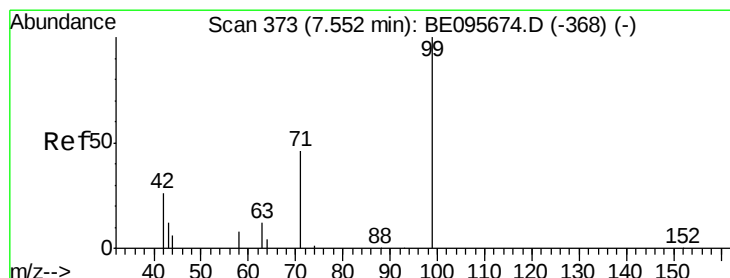
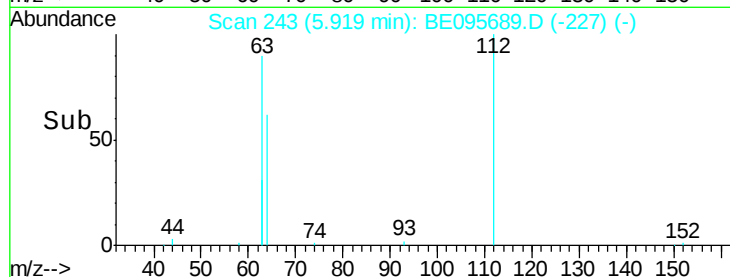
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time--> 5.80 5.90 6.00 6.10



#5

Phenol-d6

Concen: 0.098 ng

RT: 7.56 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE095689.D

Acq: 26 Feb 2018 15:19

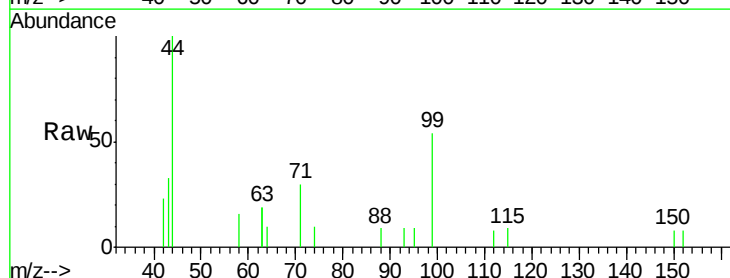
Tgt Ion: 99 Resp: 462

Ion Ratio Lower Upper

99 100

42 26.2 20.2 30.2

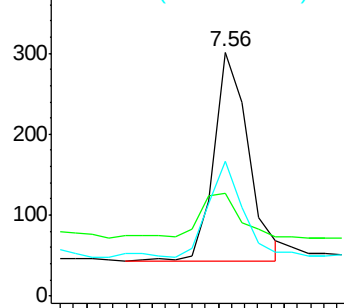
71 46.3 28.4 42.6#



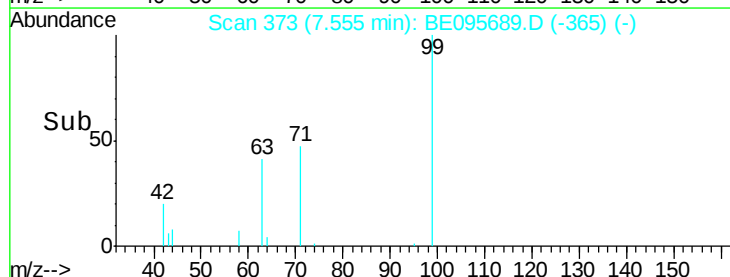
Abundance Ion 99.00 (98.70 to 99.70): BE0

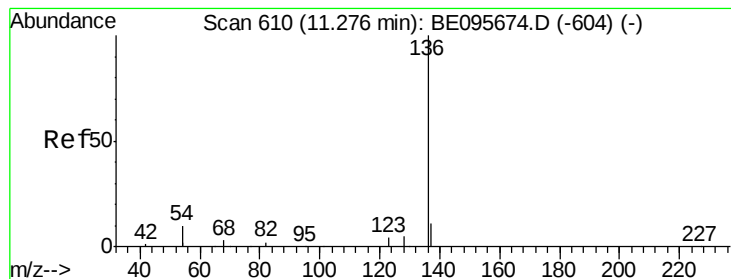
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 7.45 7.50 7.55 7.60





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 609

Delta R.T. -0.02 min

Lab File: BE095689.D

Acq: 26 Feb 2018 15:19

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4999

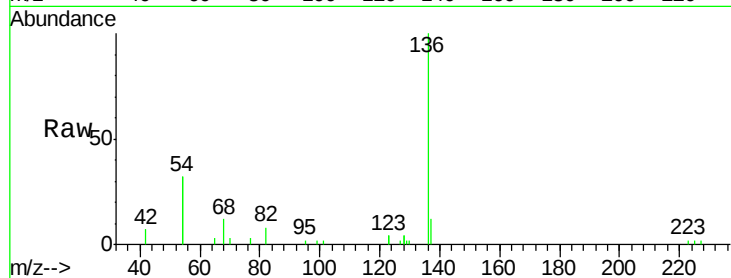
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 63.2 29.1 43.7#

68 11.9 6.2 9.2#

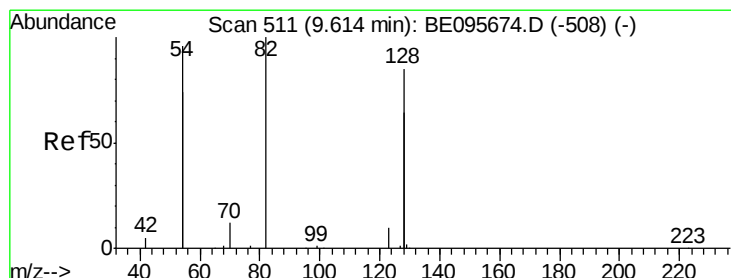
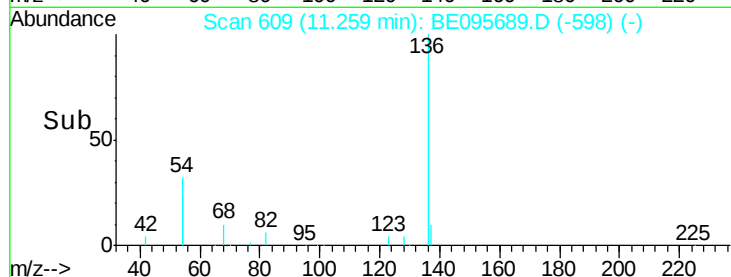
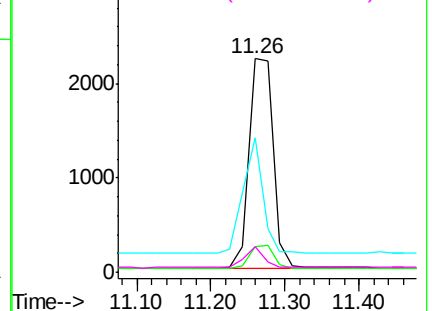


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.393 ng

RT: 9.61 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE095689.D

Acq: 26 Feb 2018 15:19

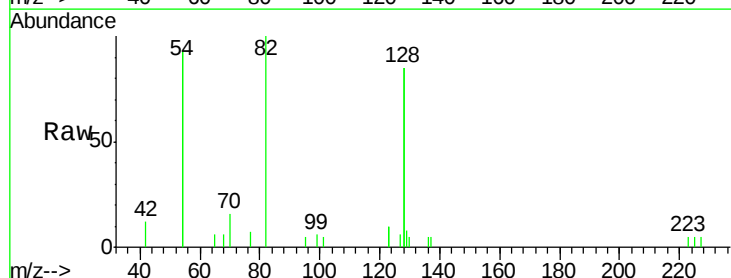
Tgt Ion: 82 Resp: 2022

Ion Ratio Lower Upper

82 100

128 170.8 150.0 225.0

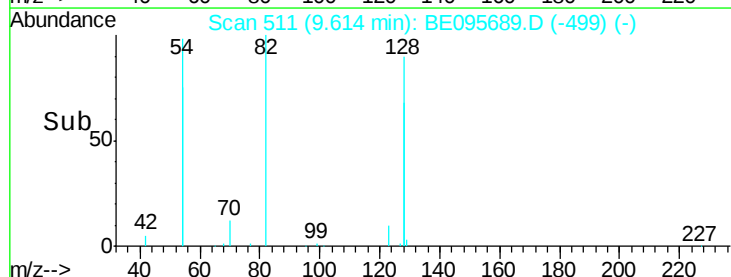
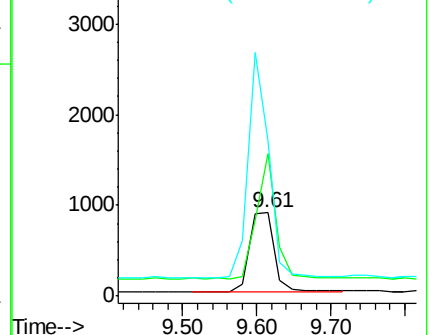
54 185.8 154.2 231.4

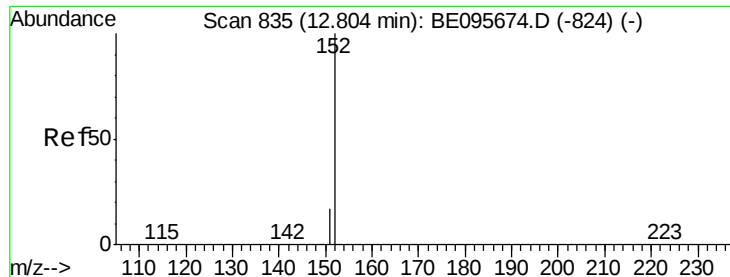


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

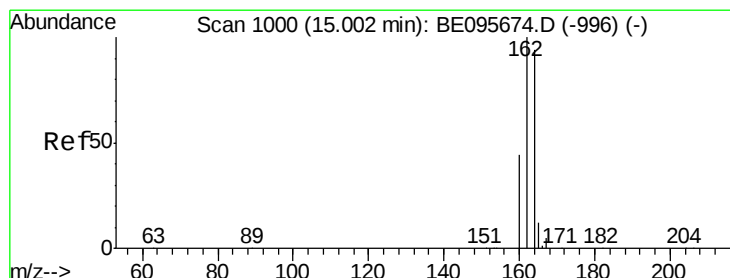
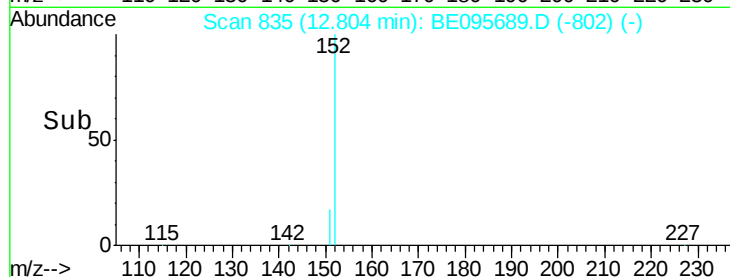
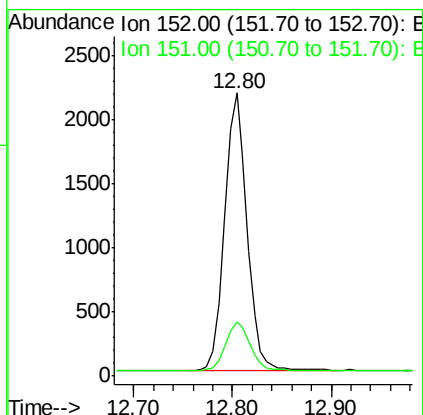
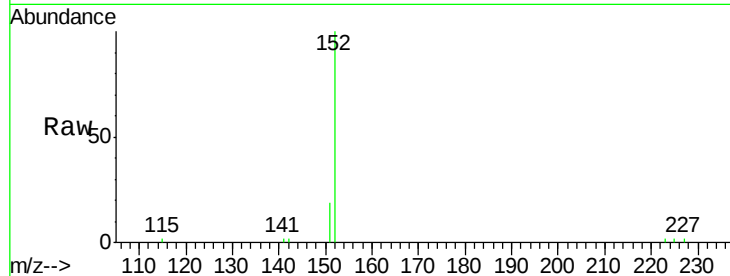




#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 12.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE095689.D
Acq: 26 Feb 2018 15:19

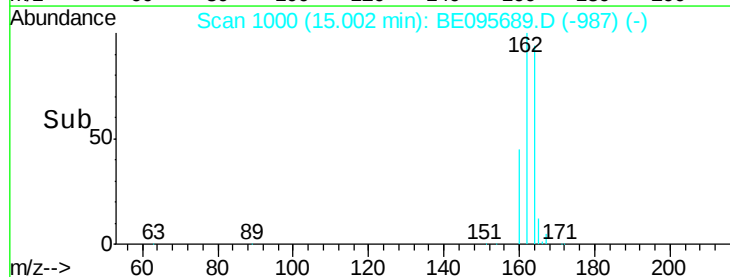
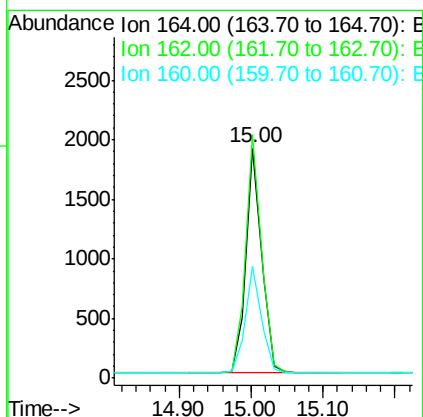
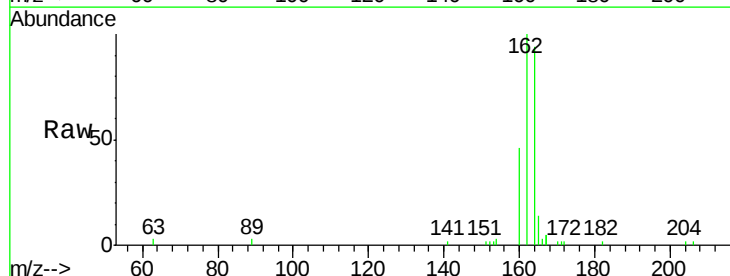
Instrument :
BNA_E
ClientSampleId :

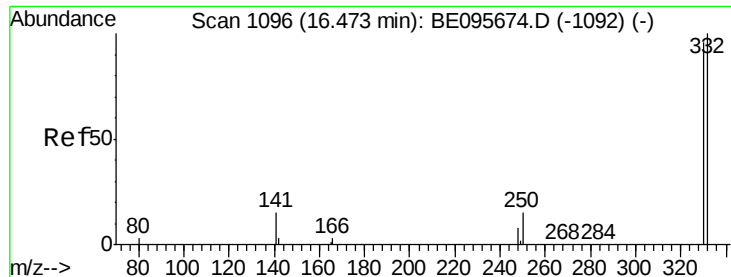
Tot Ion:152 Resp: 3377
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095689.D
Acq: 26 Feb 2018 15:19

Tgt Ion:164 Resp: 2878
Ion Ratio Lower Upper
164 100
162 105.9 83.1 124.7
160 48.6 37.1 55.7

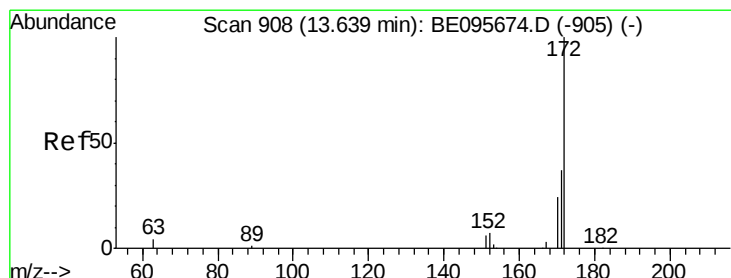
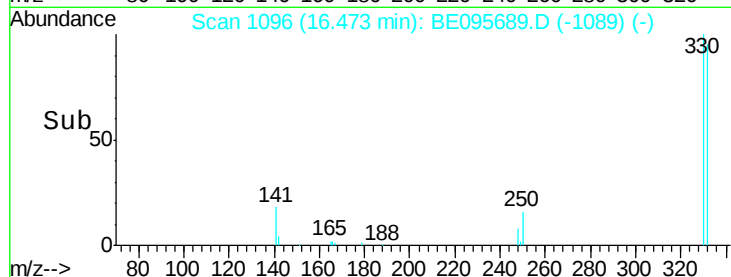
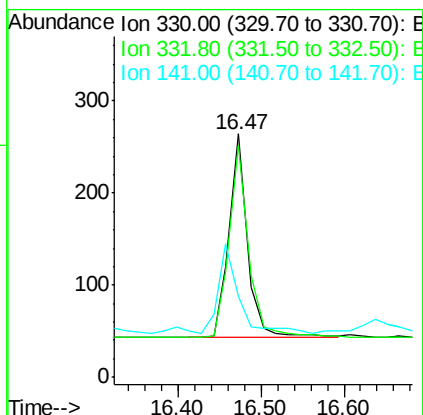
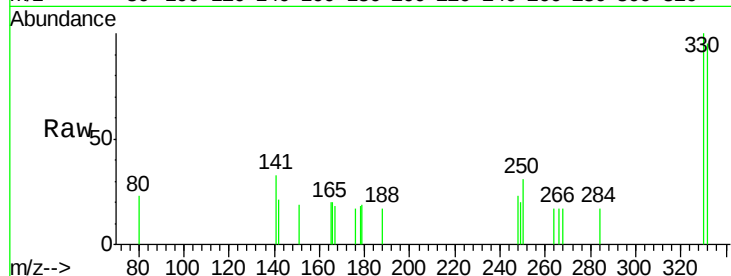




#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095689.D
Acq: 26 Feb 2018 15:19

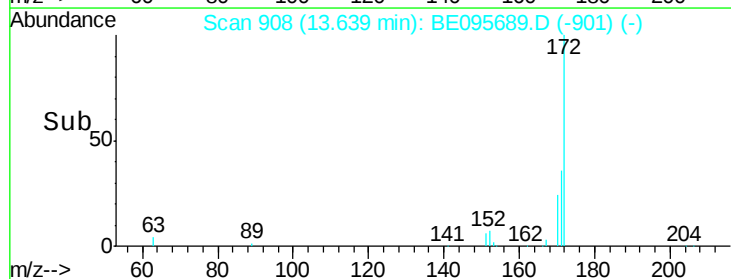
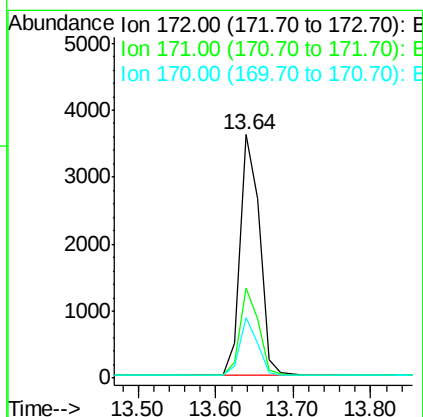
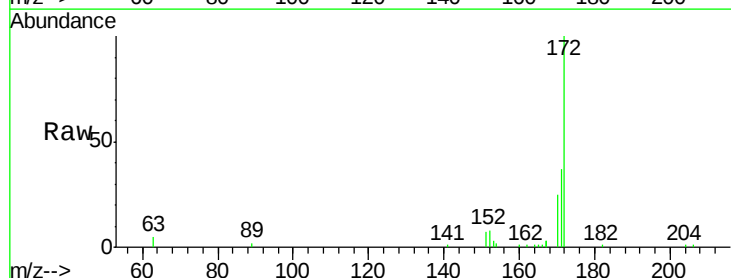
Instrument :
BNA_E
ClientSampleId :

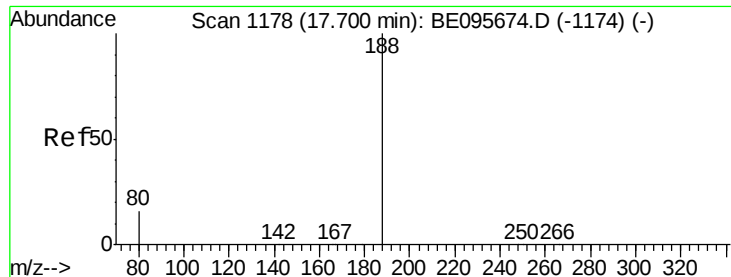
Tot Ion:330 Resp: 345
Ion Ratio Lower Upper
330 100
332 99.4 152.7 229.1#
141 49.3 33.7 50.5



#15
2-Fluorobiphenyl
Concen: 0.486 ng
RT: 13.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE095689.D
Acq: 26 Feb 2018 15:19

Tgt Ion:172 Resp: 6249
Ion Ratio Lower Upper
172 100
171 37.1 29.9 44.9
170 24.7 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.70 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BE095689.D

Acq: 26 Feb 2018 15:19

Instrument :

BNA_E

ClientSampleId :

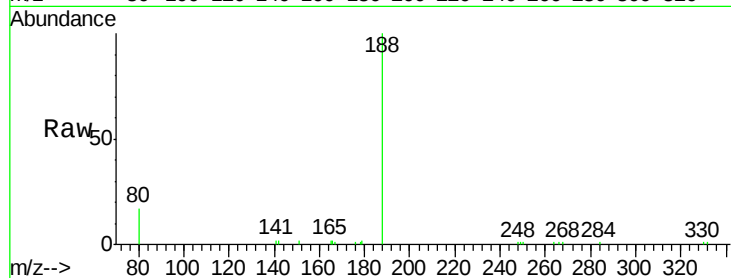
Tot Ion:188 Resp: 6643

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

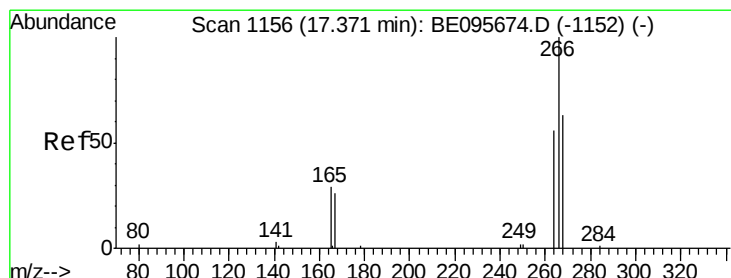
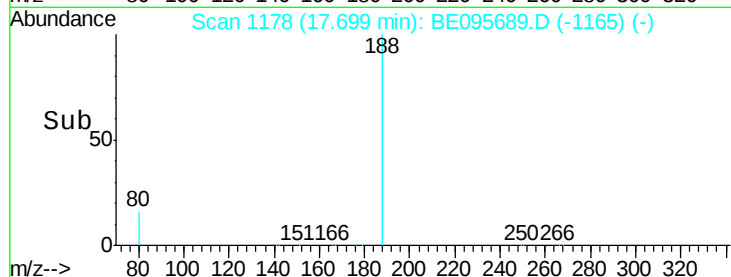
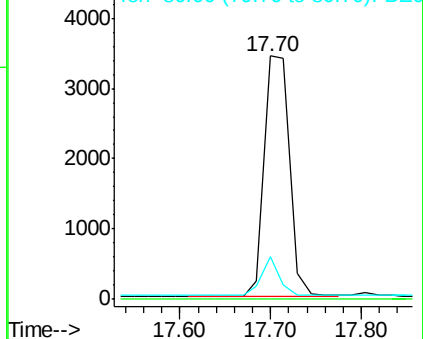
80 17.5 3.6 5.4#



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: 0.193 ng

RT: 17.37 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE095689.D

Acq: 26 Feb 2018 15:19

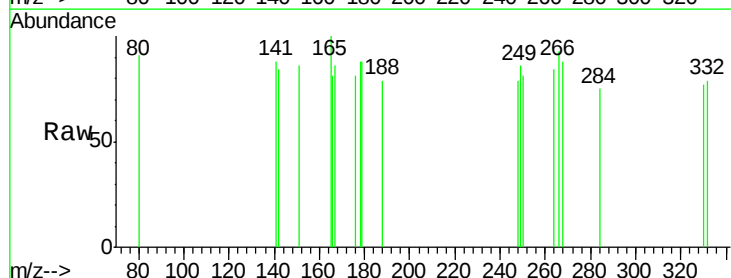
Tgt Ion:266 Resp: 23

Ion Ratio Lower Upper

266 100

264 90.6 72.5 108.7

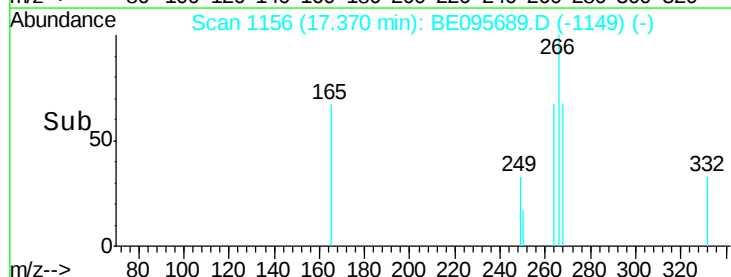
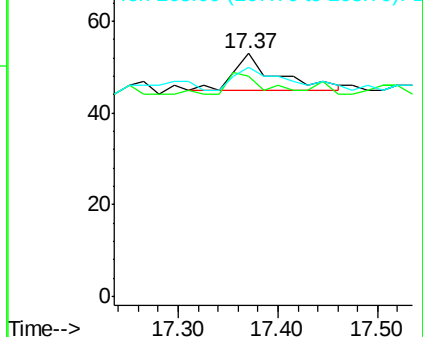
268 94.3 73.8 110.6

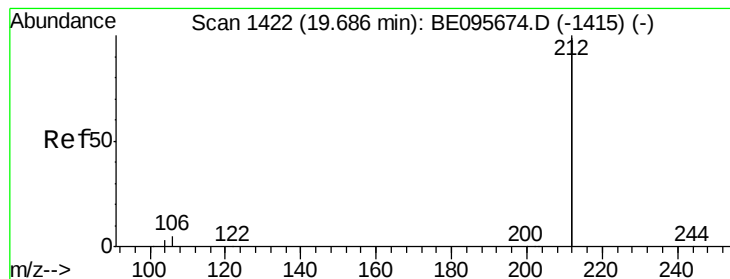


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.435 ng

RT: 19.69 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BE095689.D

Acq: 26 Feb 2018 15:19

Instrument :

BNA_E

ClientSampleId :

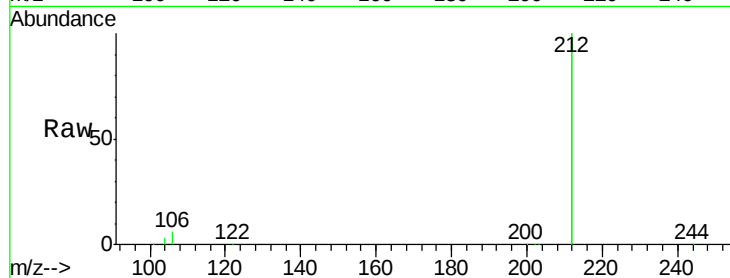
Tot Ion:212 Resp: 37717

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

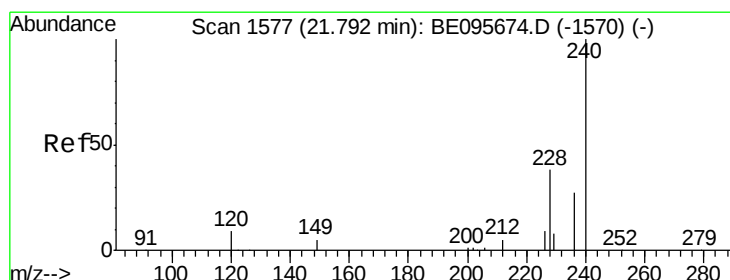
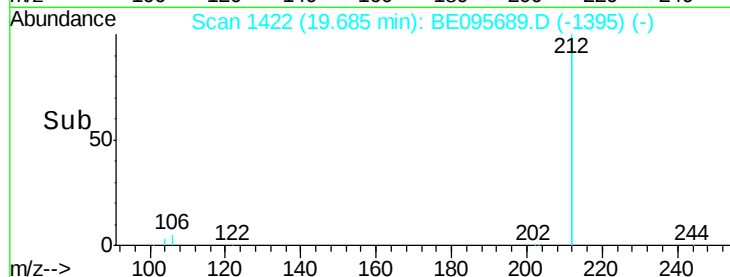
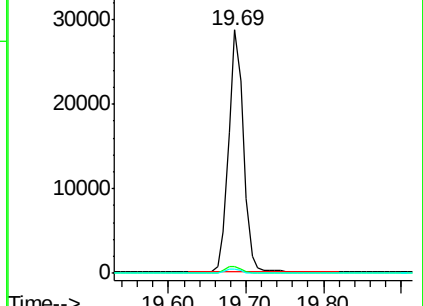
104 1.6 1.6 2.4



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# 1577

Delta R.T. -0.00 min

Lab File: BE095689.D

Acq: 26 Feb 2018 15:19

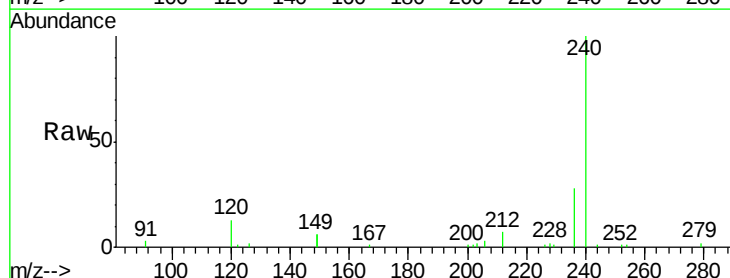
Tgt Ion:240 Resp: 7174

Ion Ratio Lower Upper

240 100

120 12.9 5.5 8.3#

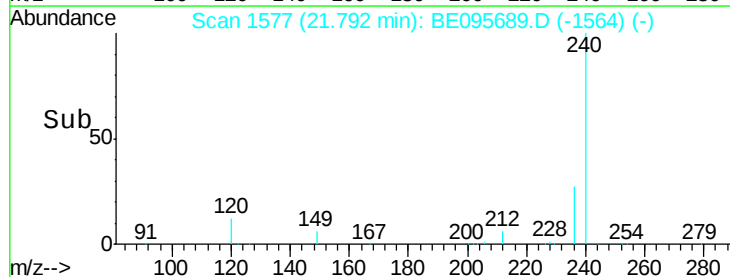
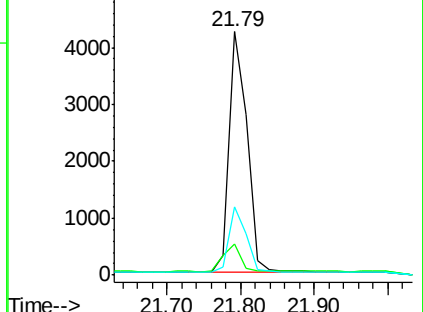
236 28.2 20.7 31.1

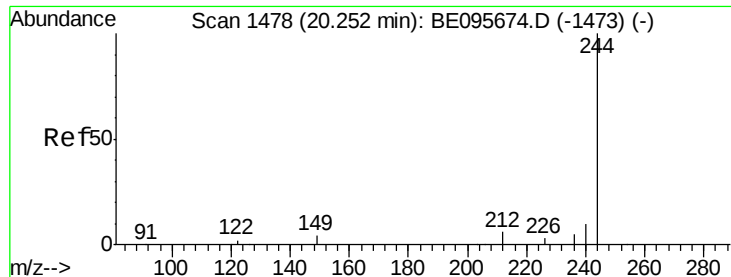


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.443 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095689.D

Acq: 26 Feb 2018 15:19

Instrument :

BNA_E

ClientSampleId :

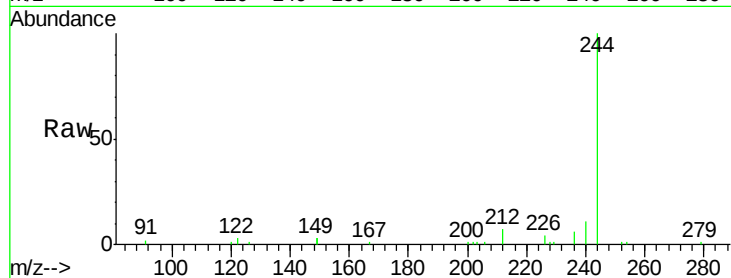
Tot Ion:244 Resp: 6335

Ion Ratio Lower Upper

244 100

212 6.7 25.4 38.0#

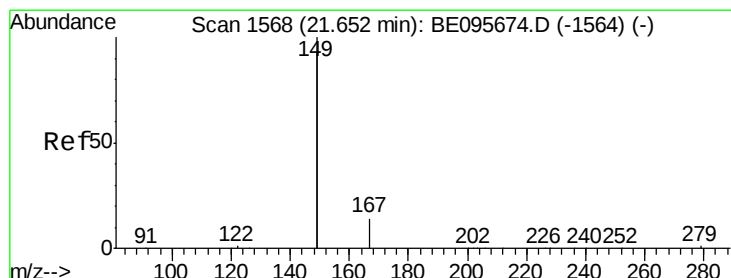
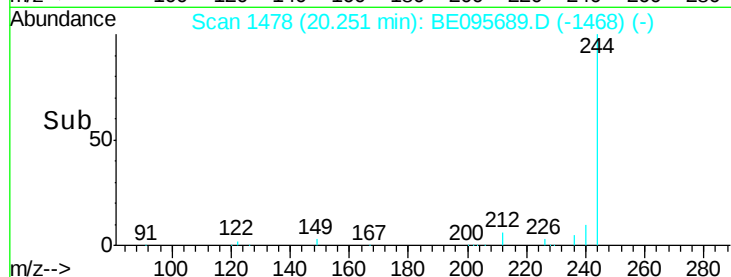
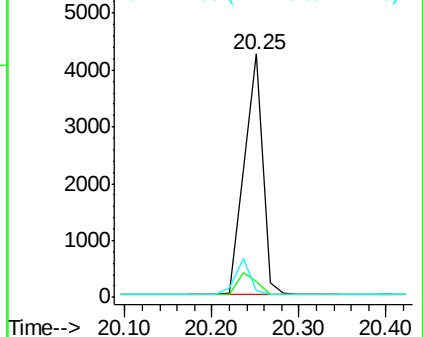
122 3.0 8.1 12.1#



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: 0.046 ng

RT: 21.65 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BE095689.D

Acq: 26 Feb 2018 15:19

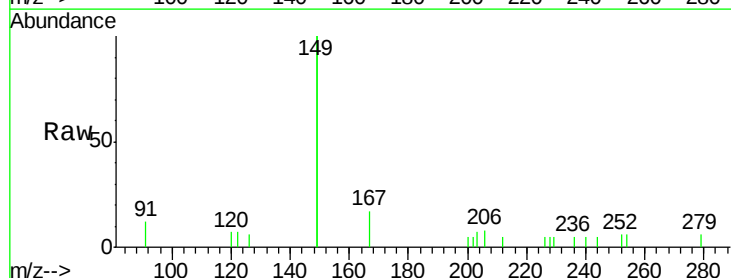
Tgt Ion:149 Resp: 1884

Ion Ratio Lower Upper

149 100

167 7.7 5.4 8.0

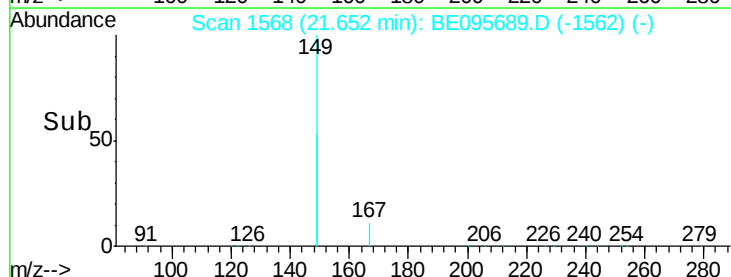
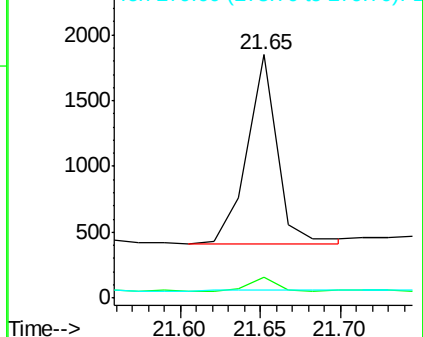
279 2.0 0.7 1.1#

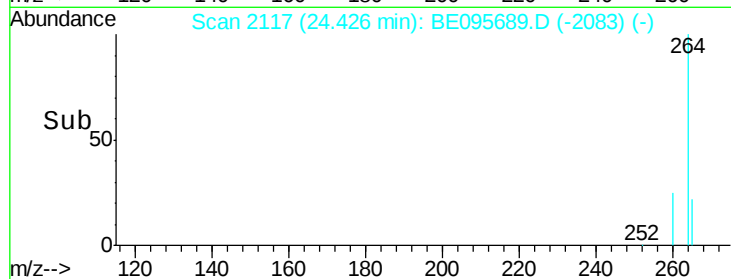
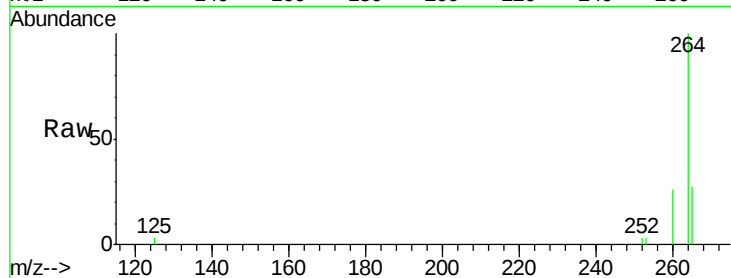
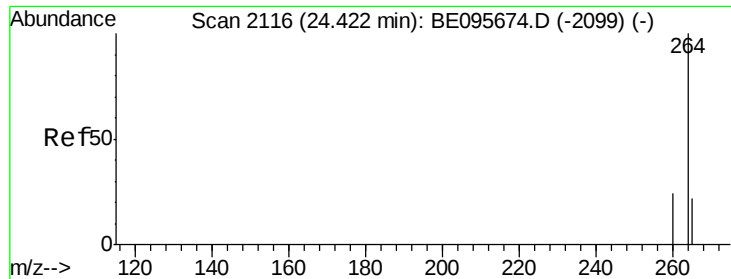


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.43 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BE095689.D

Acq: 26 Feb 2018 15:19

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 6610

Ion Ratio Lower Upper

264 100

260 26.2 20.5 30.7

265 27.0 22.8 34.2

