

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
 Data File : BE095741.D
 Acq On : 12 Mar 2018 22:56
 Operator : SJ/JU
 Sample : J1867-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 13 10:48:36 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

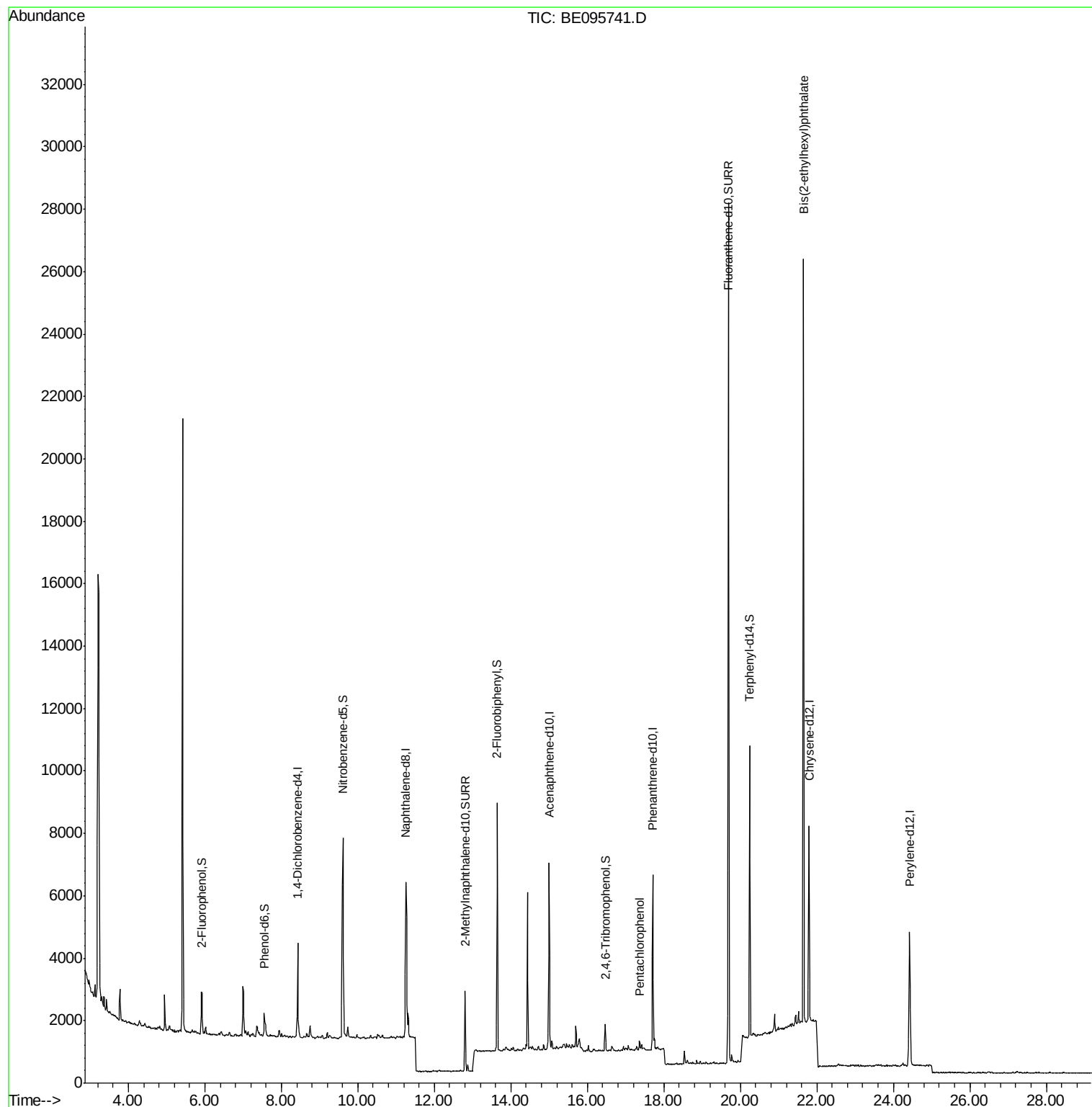
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1450	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	5618	0.40	ng	-0.02
13) Acenaphthene-d10	15.00	164	3311	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7198	0.40	ng	0.00
27) Chrysene-d12	21.80	240	7288	0.40	ng	0.00
34) Perylene-d12	24.42	264	6723	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	733	0.19	ng	0.00
5) Phenol-d6	7.55	99	633	0.12	ng	0.00
8) Nitrobenzene-d5	9.61	82	2531	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3387	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	501	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	6887	0.47	ng	0.00
25) Fluoranthene-d10	19.69	212	35503	0.38	ng	0.00
29) Terphenyl-d14	20.24	244	8867	0.61	ng	-0.01
Target Compounds						
22) Pentachlorophenol	17.36	266	183	0.285	ng	83
32) Bis(2-ethylhexyl)phthalate	21.66	149	33297	0.792	ng	100

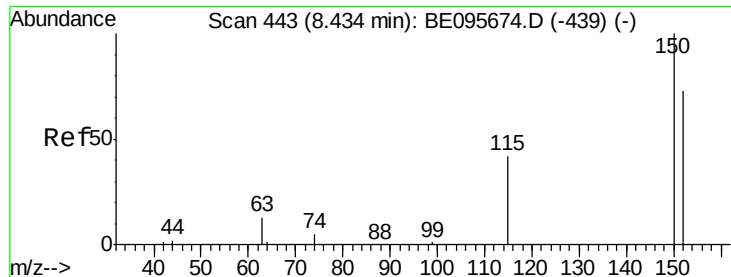
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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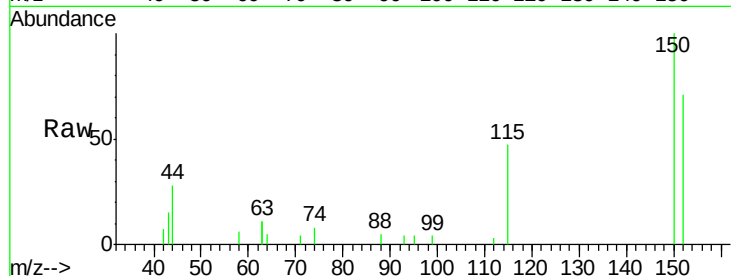


#1

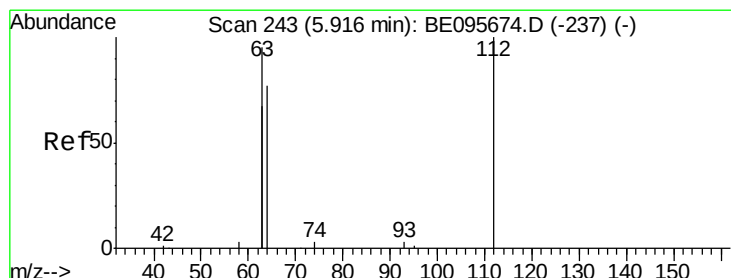
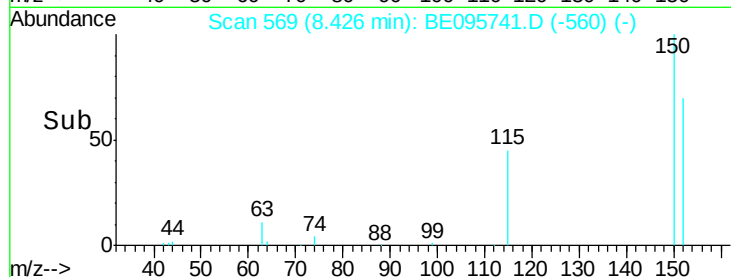
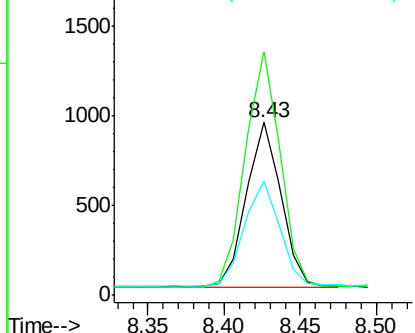
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095741.D
Acq: 12 Mar 2018 22:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1450
Ion Ratio Lower Upper
152 100
150 140.7 117.2 175.8
115 66.0 57.0 85.6



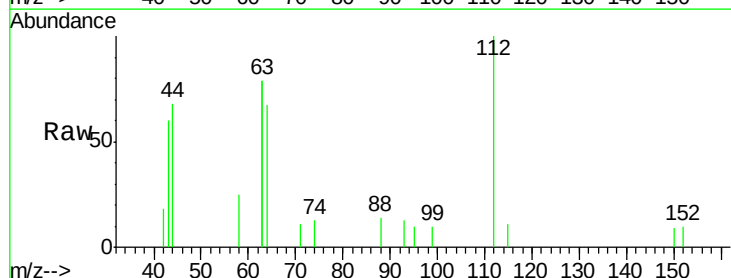
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



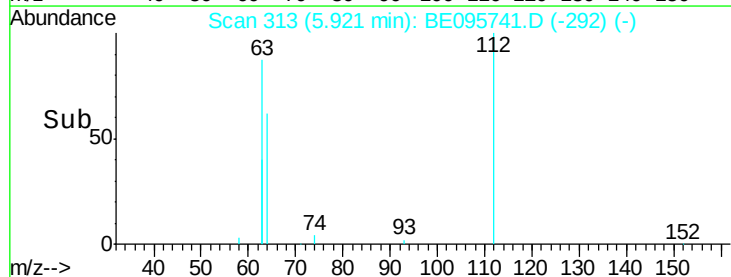
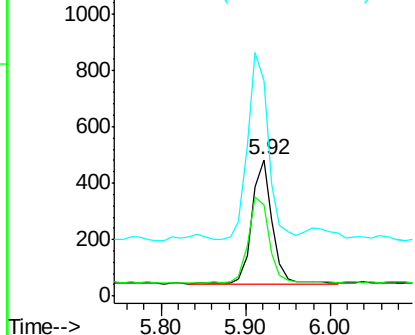
#4

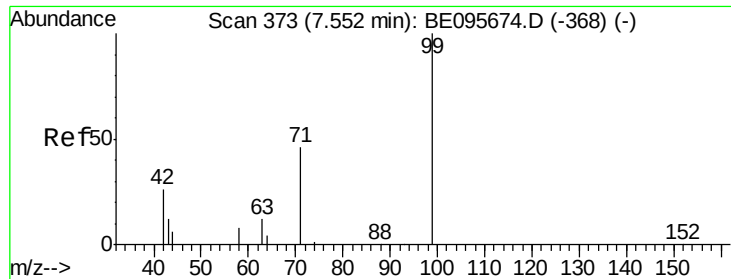
2-Fluorophenol
Concen: 0.191 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.01 min
Lab File: BE095741.D
Acq: 12 Mar 2018 22:56

Tgt Ion:112 Resp: 733
Ion Ratio Lower Upper
112 100
64 71.4 60.1 90.1
63 153.5 116.8 175.2



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: 0.119 ng

RT: 7.55 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE095741.D

Acq: 12 Mar 2018 22:56

Instrument :

BNA_E

ClientSampled :

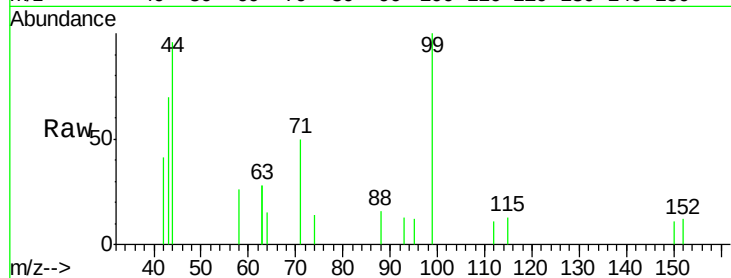
Tot Ion: 99 Resp: 633

Ion Ratio Lower Upper

99 100

42 29.7 20.2 30.2

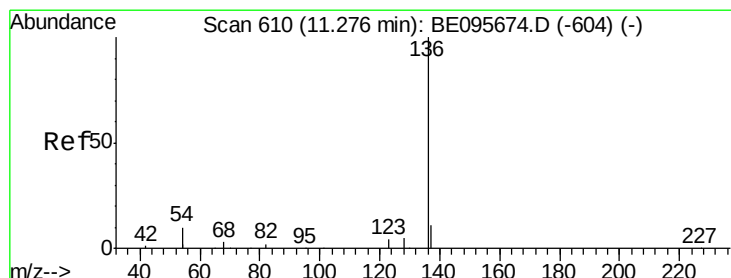
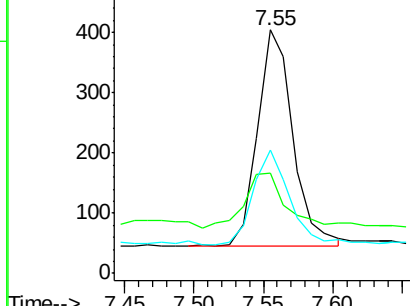
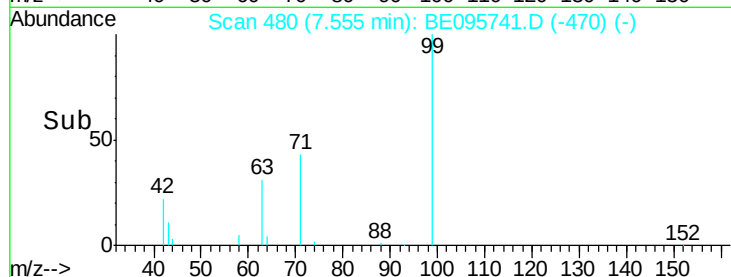
71 44.9 28.4 42.6#



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: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. -0.02 min

Lab File: BE095741.D

Acq: 12 Mar 2018 22:56

Tgt Ion: 136 Resp: 5618

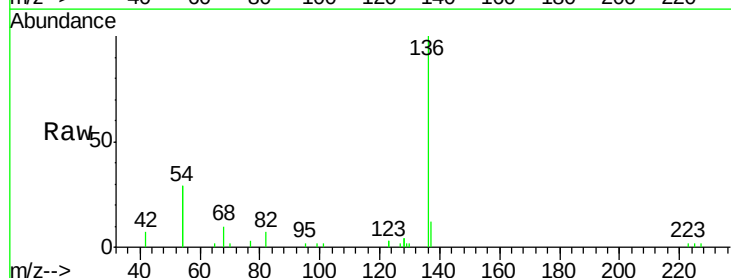
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 57.2 29.1 43.7#

68 9.9 6.2 9.2#

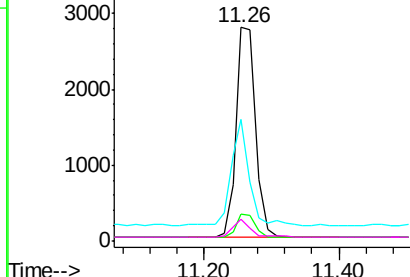
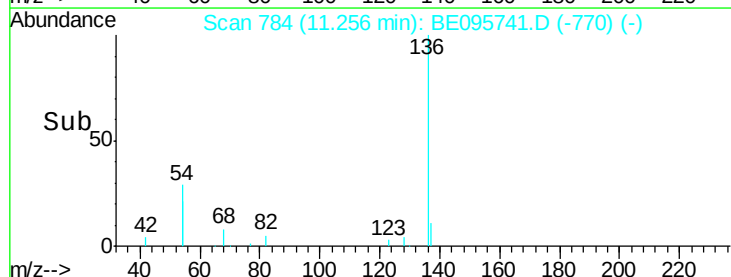


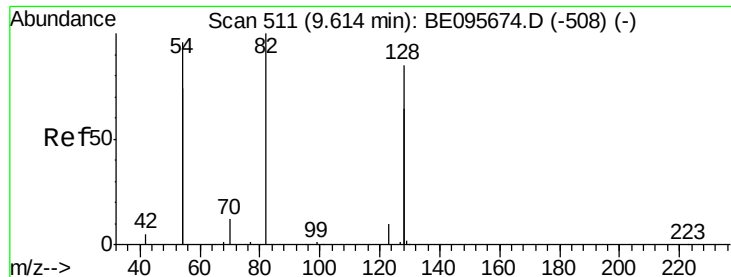
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.437 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095741.D

Acq: 12 Mar 2018 22:56

Instrument :

BNA_E

ClientSampleId :

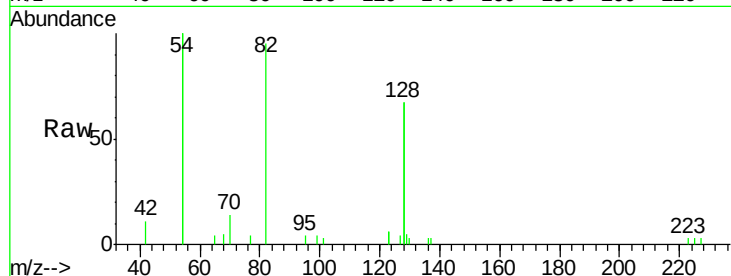
Tot Ion: 82 Resp: 2531

Ion Ratio Lower Upper

82 100

128 140.8 150.0 225.0#

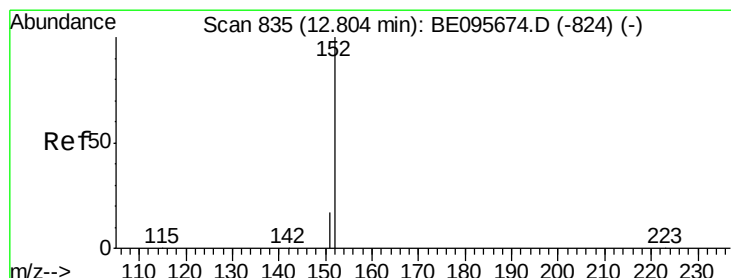
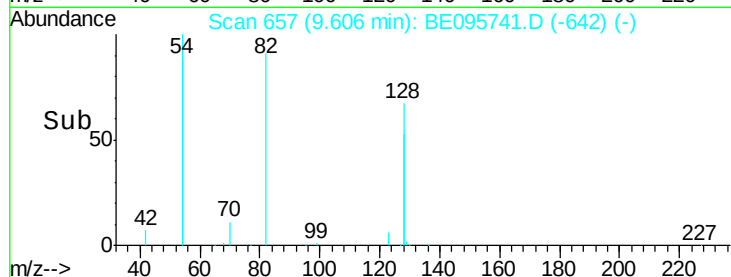
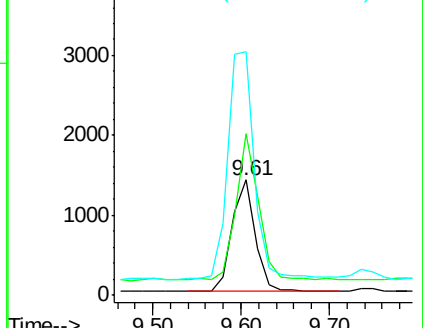
54 211.2 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.361 ng

RT: 12.80 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BE095741.D

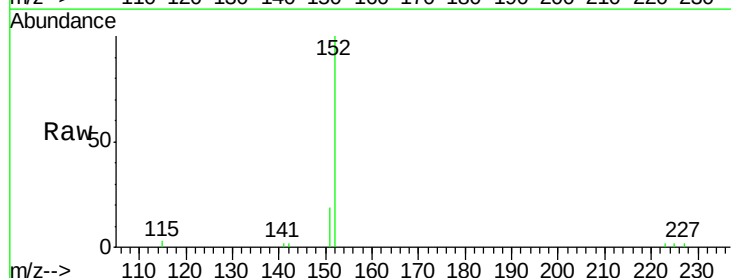
Acq: 12 Mar 2018 22:56

Tgt Ion: 152 Resp: 3387

Ion Ratio Lower Upper

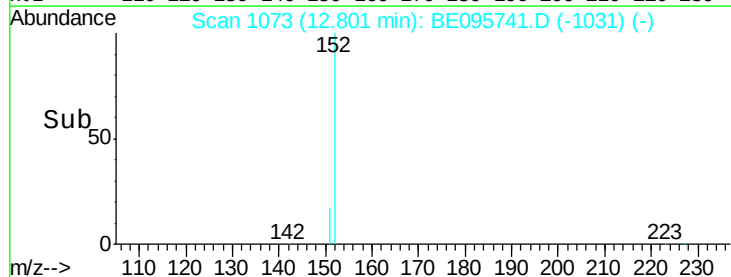
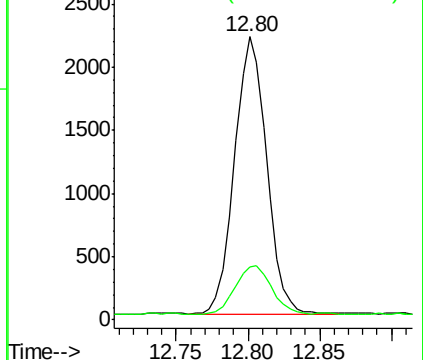
152 100

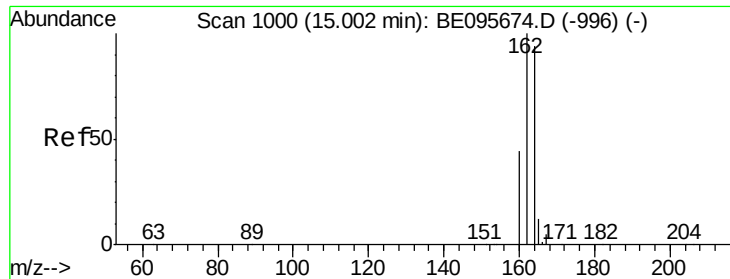
151 19.7 15.4 23.0



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: BE095741.D

Acq: 12 Mar 2018 22:56

Instrument :

BNA_E

ClientSampleId :

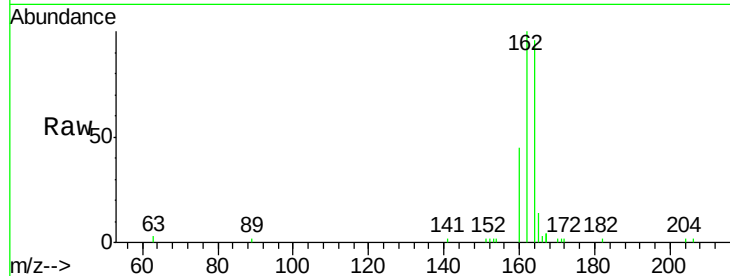
Tot Ion:164 Resp: 3311

Ion Ratio Lower Upper

164 100

162 103.9 83.1 124.7

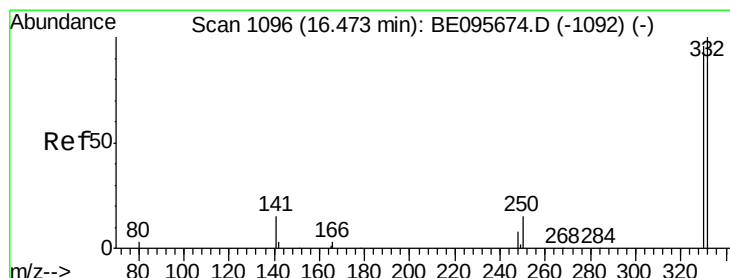
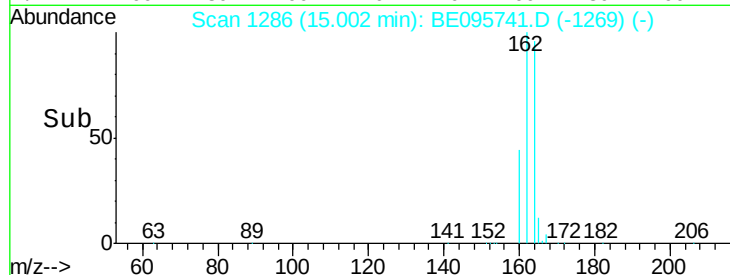
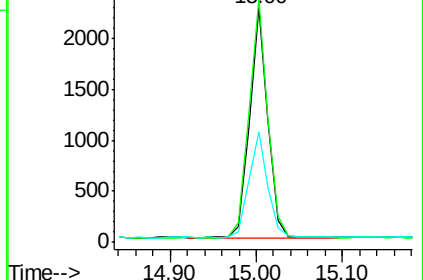
160 47.2 37.1 55.7



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: 0.432 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095741.D

Acq: 12 Mar 2018 22:56

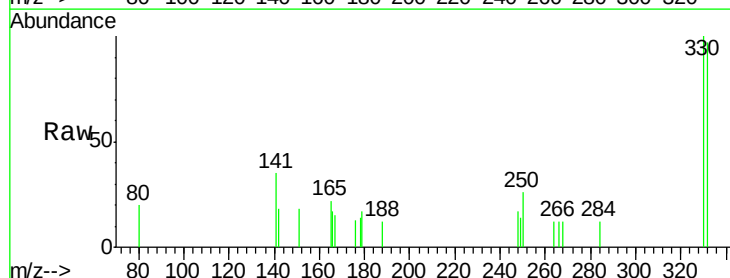
Tgt Ion:330 Resp: 501

Ion Ratio Lower Upper

330 100

332 100.0 152.7 229.1#

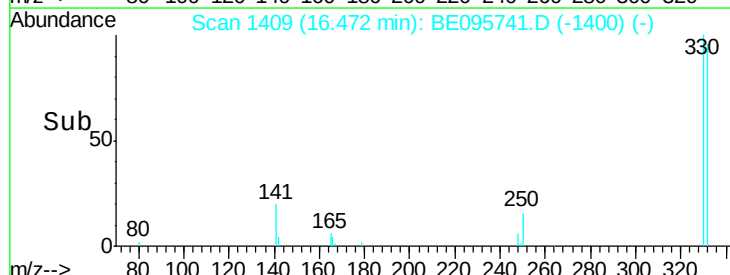
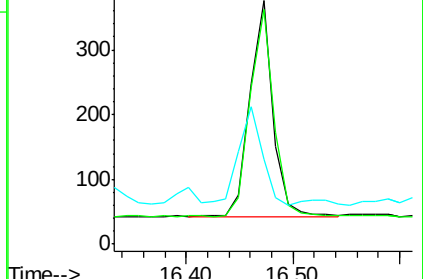
141 45.9 33.7 50.5

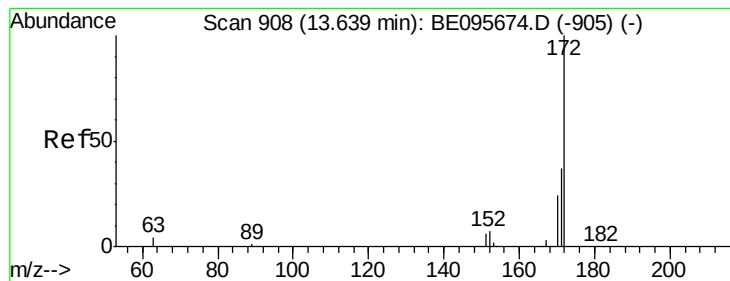


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

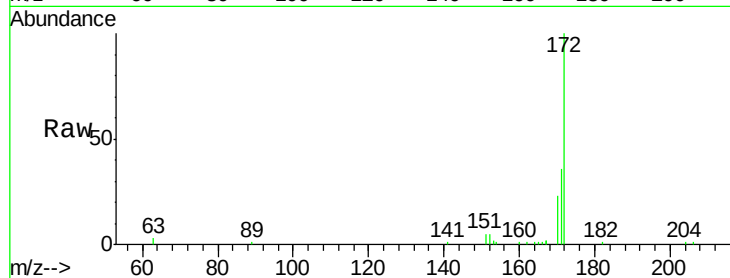




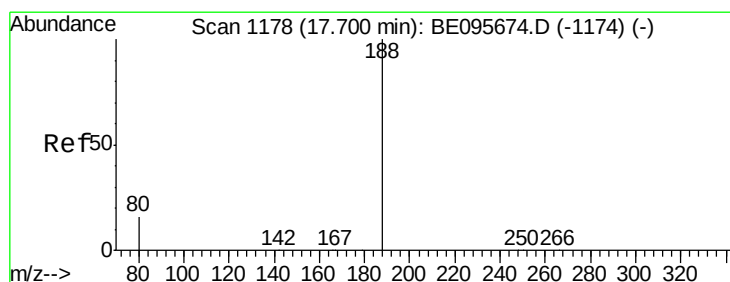
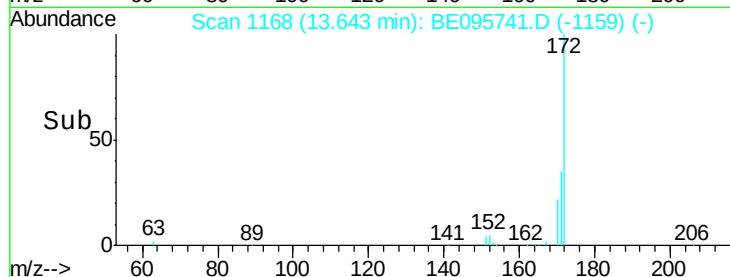
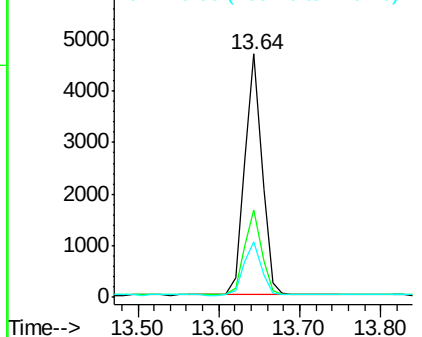
#15
2-Fluorobiphenyl
Concen: 0.466 ng
RT: 13.64 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE095741.D
Acq: 12 Mar 2018 22:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6887
Ion Ratio Lower Upper
172 100
171 35.8 29.9 44.9
170 23.0 21.8 32.8

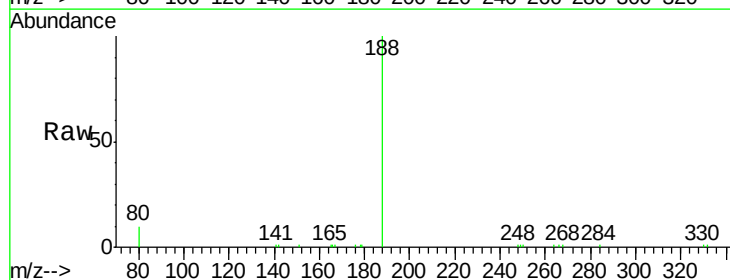


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

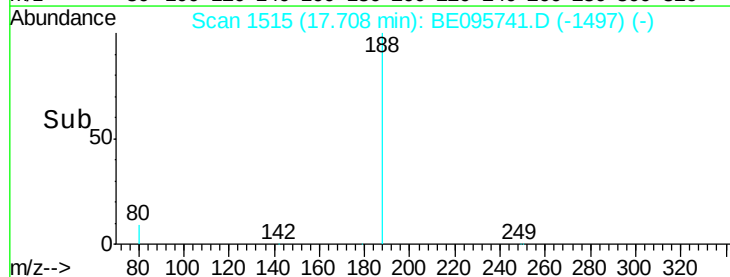
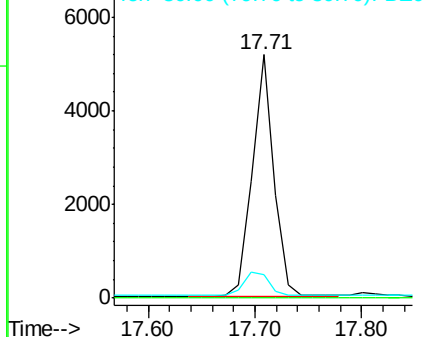


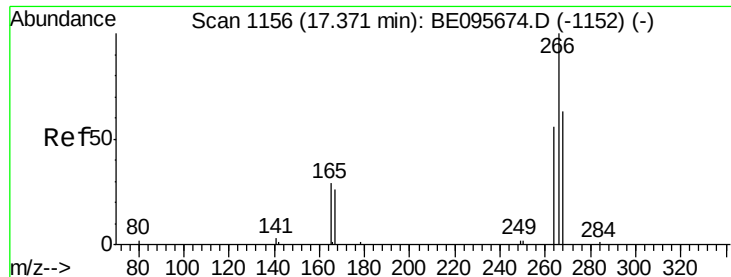
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BE095741.D
Acq: 12 Mar 2018 22:56

Tgt Ion:188 Resp: 7198
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 9.8 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

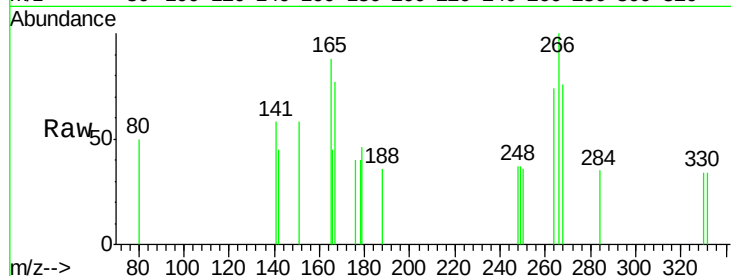




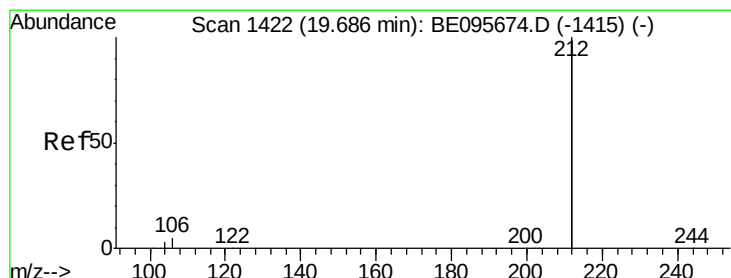
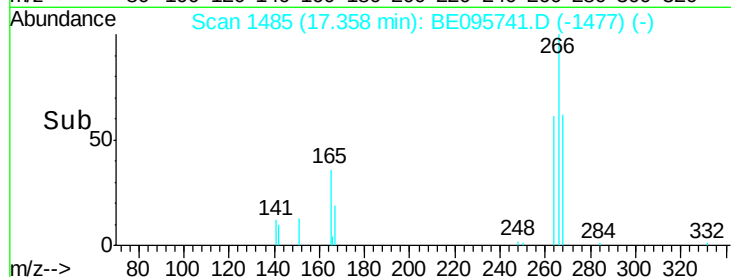
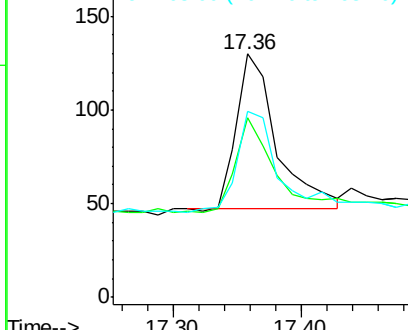
#22
 Pentachlorophenol
 Concen: 0.285 ng
 RT: 17.36 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BE095741.D
 Acq: 12 Mar 2018 22:56

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 183
 Ion Ratio Lower Upper
 266 100
 264 73.8 72.5 108.7
 268 76.2 73.8 110.6

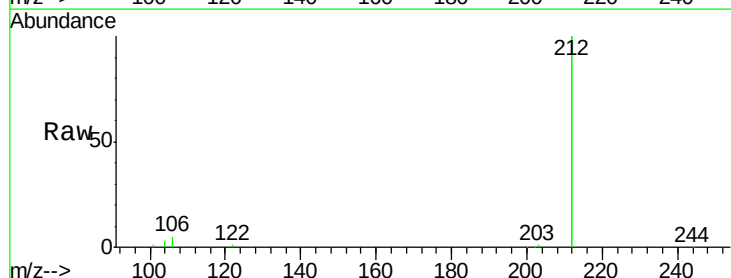


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

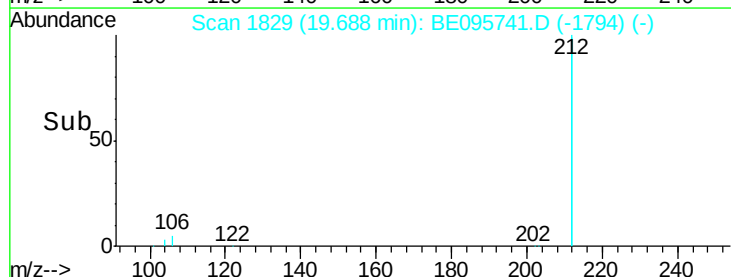
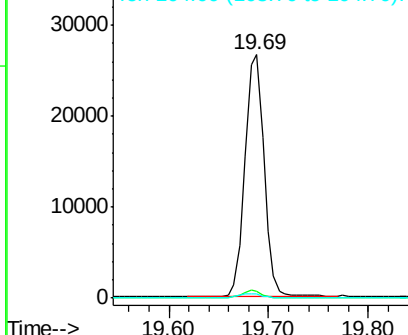


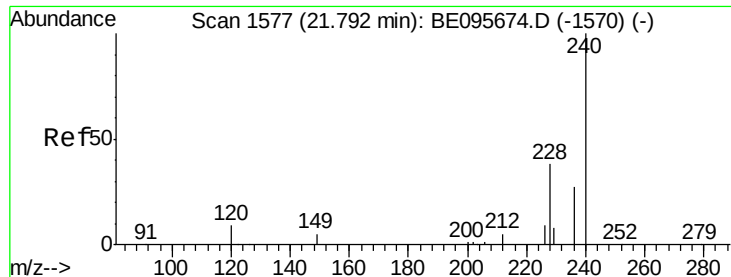
#25
 Fluoranthene-d10
 Concen: 0.378 ng
 RT: 19.69 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BE095741.D
 Acq: 12 Mar 2018 22:56

Tgt Ion:212 Resp: 35503
 Ion Ratio Lower Upper
 212 100
 106 2.9 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

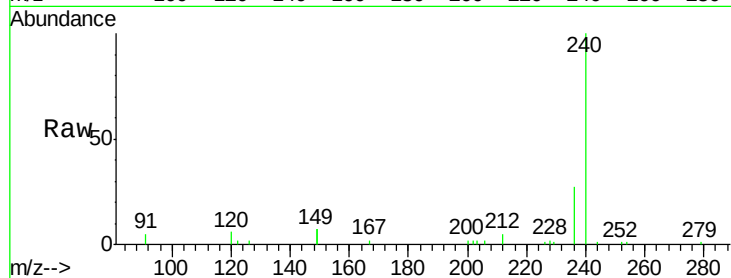




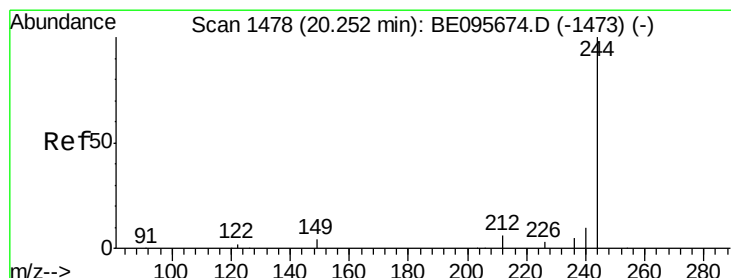
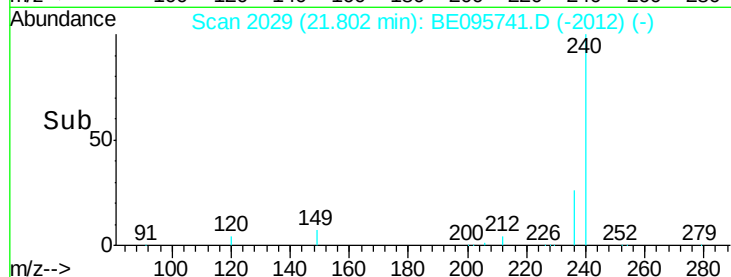
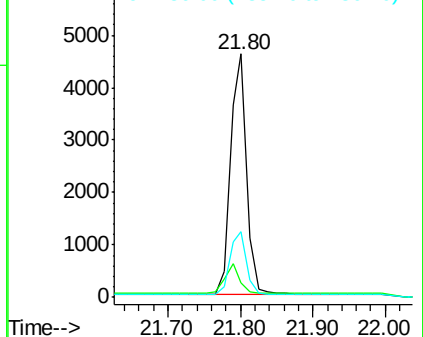
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.80 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BE095741.D
 Acq: 12 Mar 2018 22:56

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 7288
 Ion Ratio Lower Upper
 240 100
 120 6.0 5.5 8.3
 236 27.2 20.7 31.1

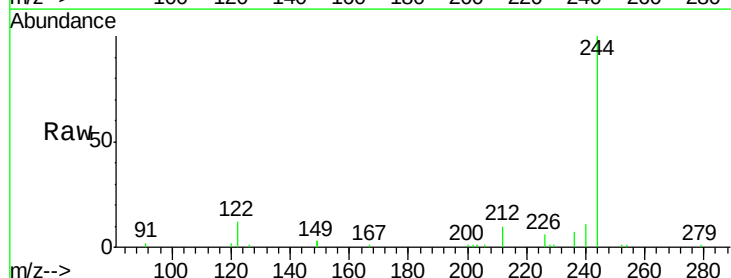


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

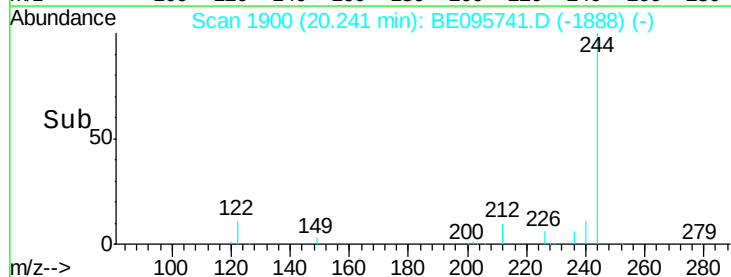
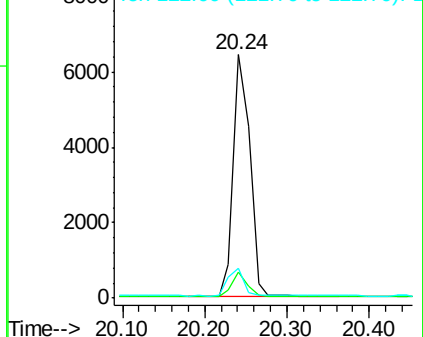


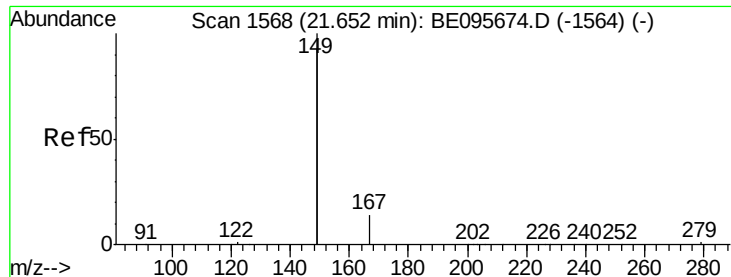
#29
 Terphenyl-d14
 Concen: 0.610 ng
 RT: 20.24 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BE095741.D
 Acq: 12 Mar 2018 22:56

Tgt Ion:244 Resp: 8867
 Ion Ratio Lower Upper
 244 100
 212 10.4 25.4 38.0#
 122 12.3 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: 0.792 ng

RT: 21.66 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BE095741.D

Acq: 12 Mar 2018 22:56

Instrument :

BNA_E

ClientSampleId :

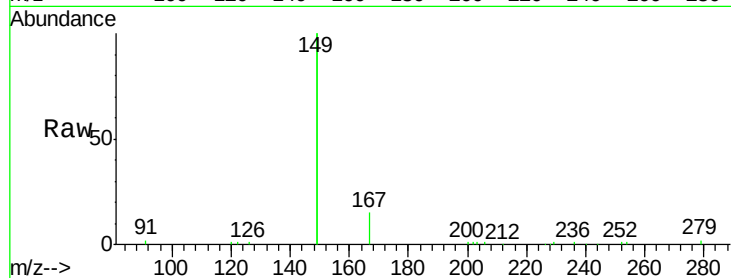
Tot Ion:149 Resp: 33297

Ion Ratio Lower Upper

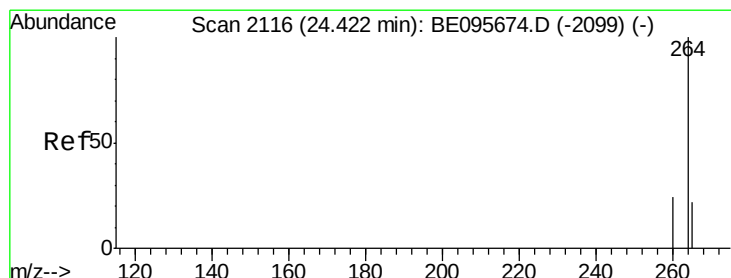
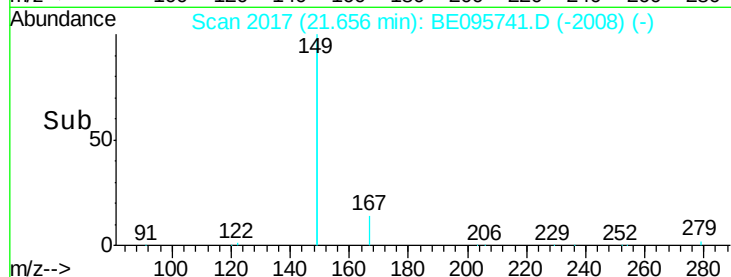
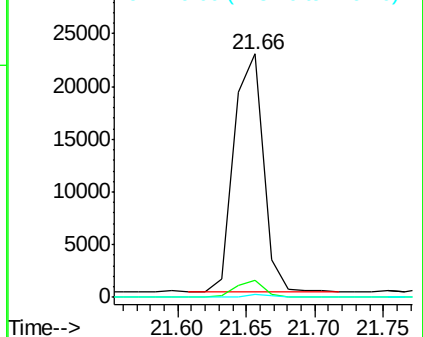
149 100

167 6.6 5.4 8.0

279 0.9 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

Perylene-d12

Concen: 0.400 ng

RT: 24.42 min Scan# 2718

Delta R.T. 0.00 min

Lab File: BE095741.D

Acq: 12 Mar 2018 22:56

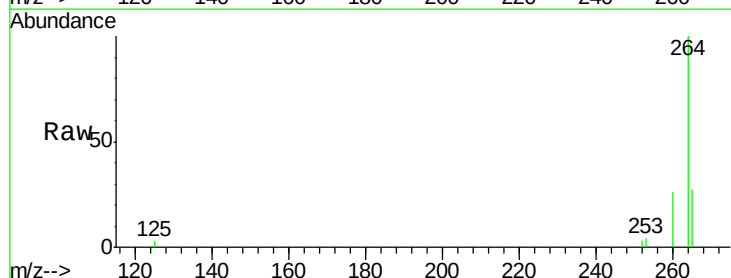
Tgt Ion:264 Resp: 6723

Ion Ratio Lower Upper

264 100

260 25.8 20.5 30.7

265 27.0 22.8 34.2



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

