

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022618\
 Data File : BE095691.D
 Acq On : 26 Feb 2018 16:31
 Operator : SJ/JU
 Sample : J1642-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 26 17:55:11 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

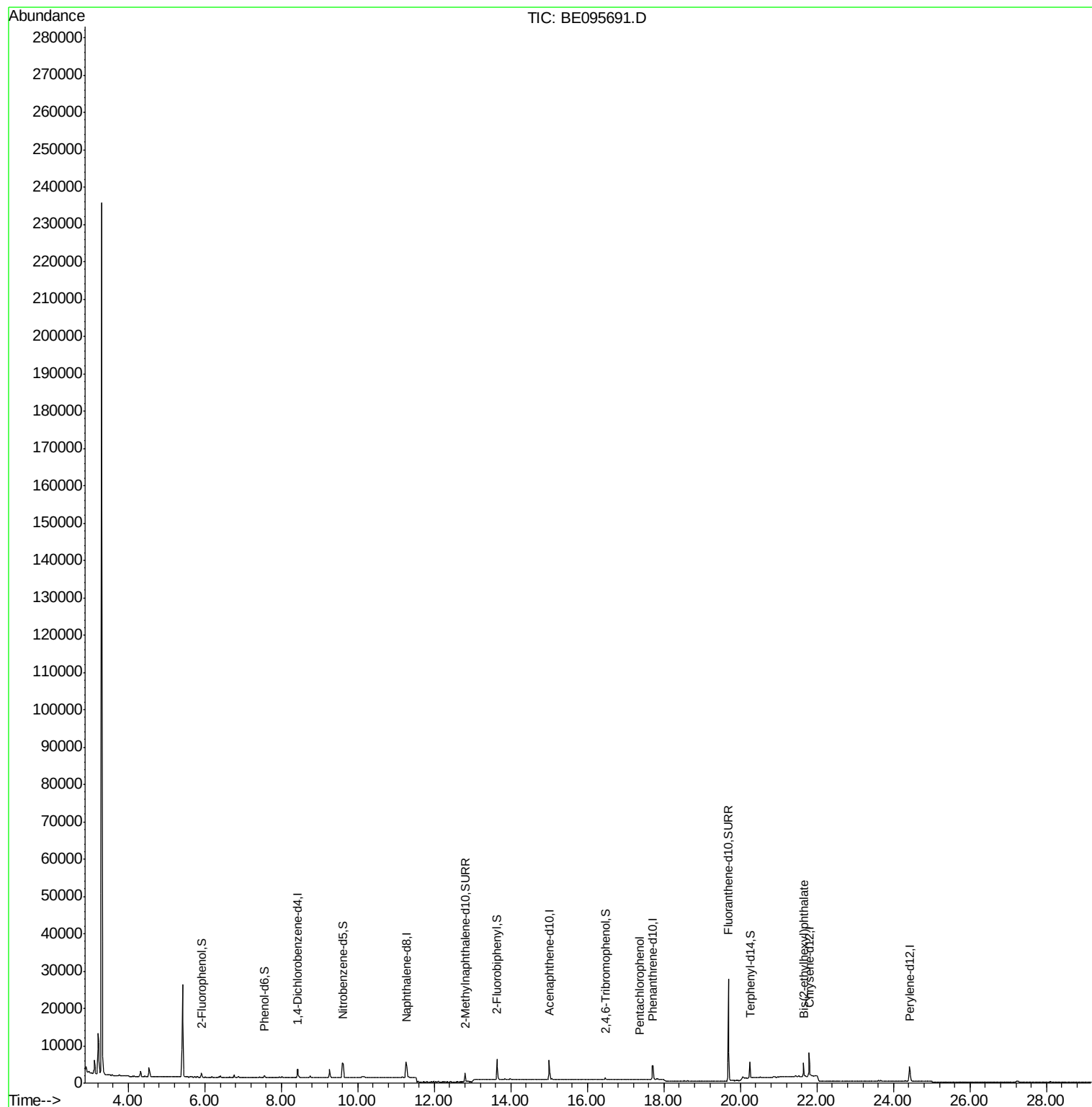
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1260	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	5064	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2839	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6547	0.40	ng	0.02
27) Chrysene-d12	21.79	240	6892	0.40	ng	0.00
34) Perylene-d12	24.42	264	6427	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	518	0.16	ng	0.00
5) Phenol-d6	7.56	99	431	0.09	ng	0.01
8) Nitrobenzene-d5	9.61	82	1910	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3094	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	324	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	5311	0.42	ng	0.00
25) Fluoranthene-d10	19.69	212	33908	0.40	ng	0.00
29) Terphenyl-d14	20.25	244	5723	0.42	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.36	266	18	0.190	ng	95
32) Bis(2-ethylhexyl)phthalate	21.65	149	4424	0.111	ng	98

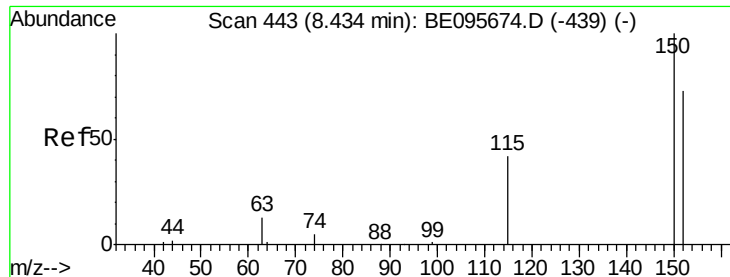
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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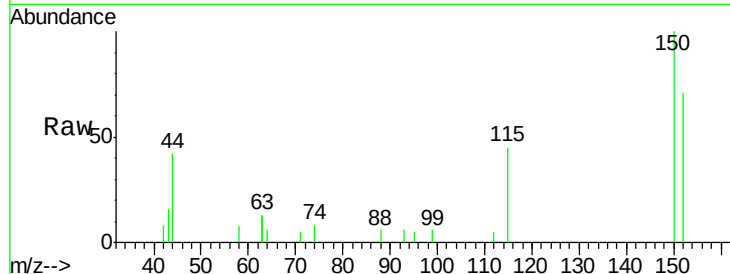


#1

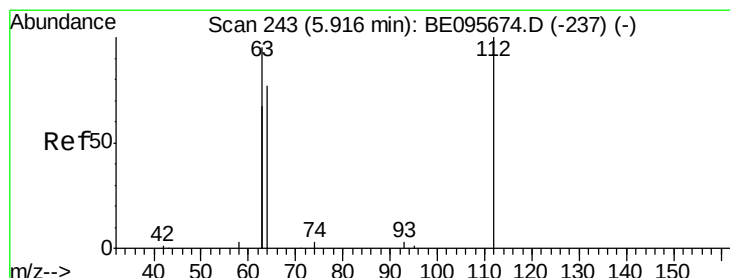
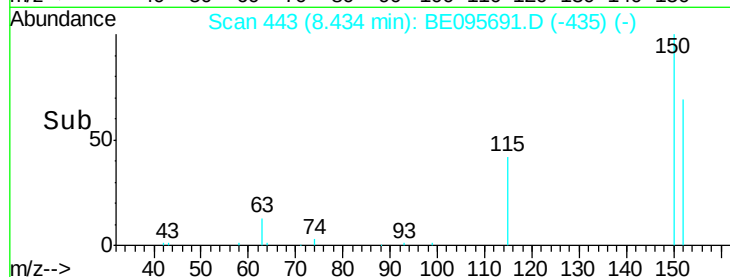
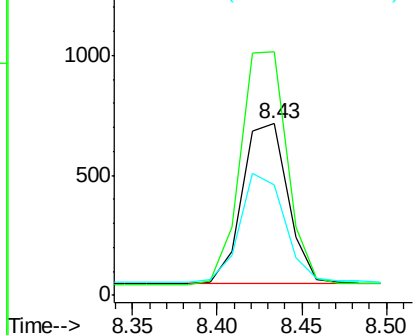
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 443
Delta R.T. 0.00 min
Lab File: BE095691.D
Acq: 26 Feb 2018 16:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1260
Ion Ratio Lower Upper
152 100
150 141.6 117.2 175.8
115 64.1 57.0 85.6



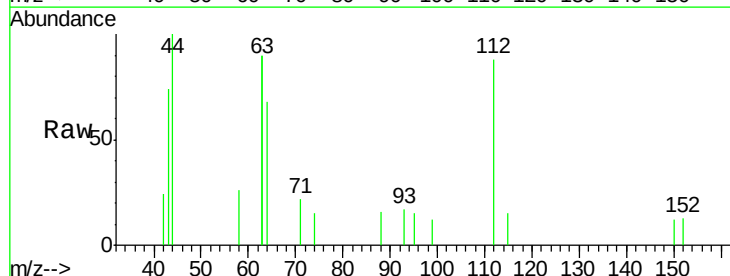
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



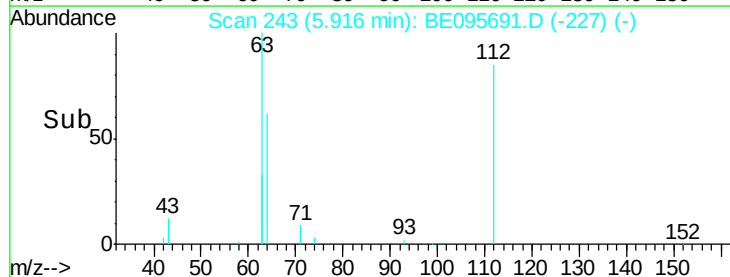
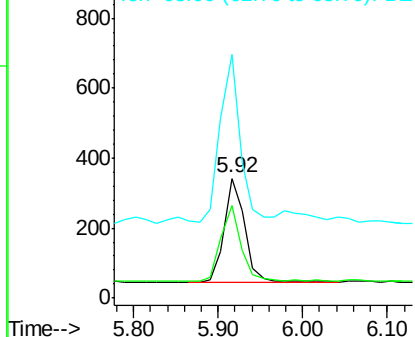
#4

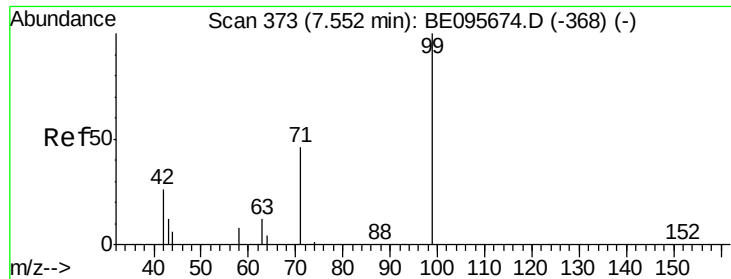
2-Fluorophenol
Concen: 0.156 ng
RT: 5.92 min Scan# 243
Delta R.T. 0.00 min
Lab File: BE095691.D
Acq: 26 Feb 2018 16:31

Tgt Ion:112 Resp: 518
Ion Ratio Lower Upper
112 100
64 70.1 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: 0.094 ng

RT: 7.56 min Scan# 374

Delta R.T. 0.01 min

Lab File: BE095691.D

Acq: 26 Feb 2018 16:31

Instrument :

BNA_E

ClientSampleId :

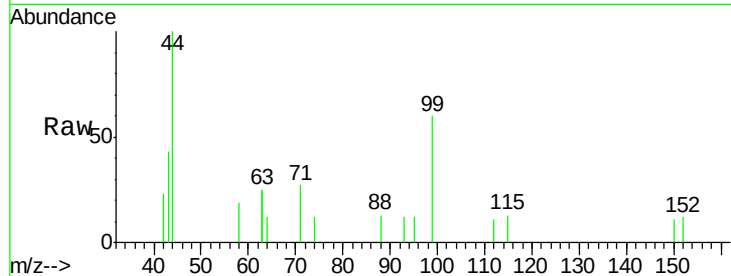
Tot Ion: 99 Resp: 431

Ion Ratio Lower Upper

99 100

42 27.6 20.2 30.2

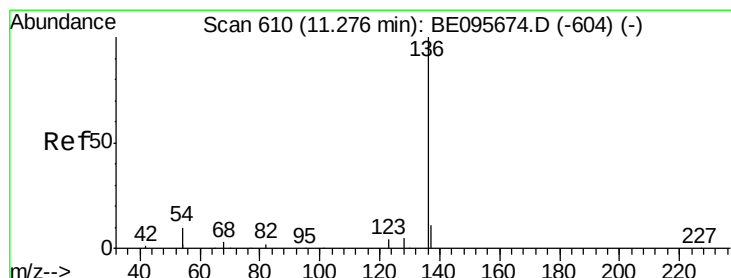
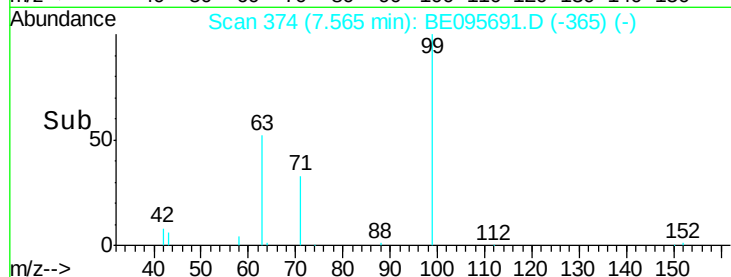
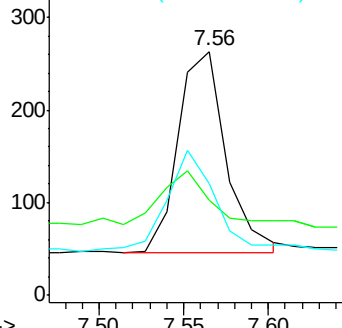
71 49.0 28.4 42.6#



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: 11.28 min Scan# 610

Delta R.T. 0.00 min

Lab File: BE095691.D

Acq: 26 Feb 2018 16:31

Tgt Ion: 136 Resp: 5064

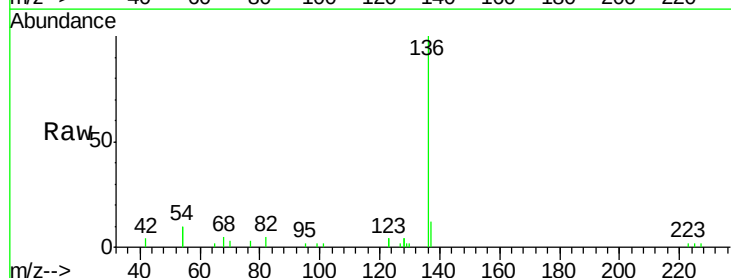
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 20.1 29.1 43.7#

68 4.7 6.2 9.2#

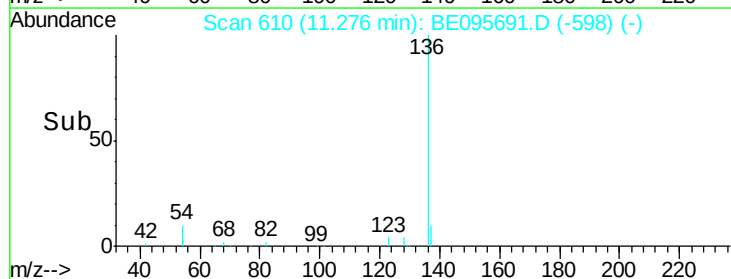
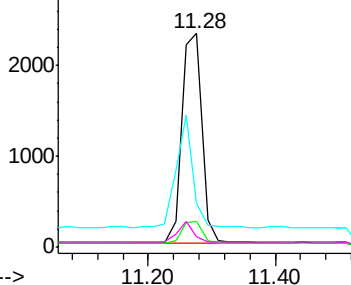


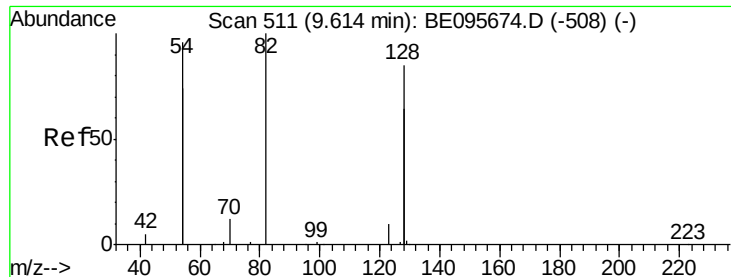
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.366 ng

RT: 9.61 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE095691.D

Acq: 26 Feb 2018 16:31

Instrument :

BNA_E

ClientSampleId :

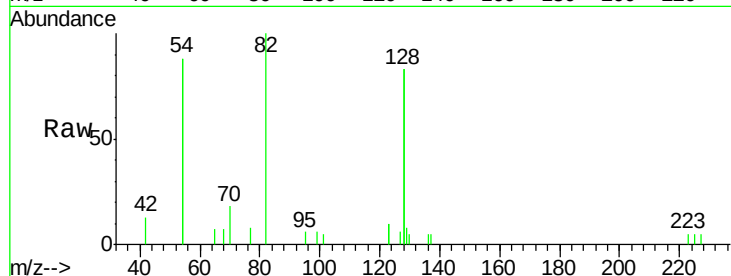
Tot Ion: 82 Resp: 1910

Ion Ratio Lower Upper

82 100

128 165.9 150.0 225.0

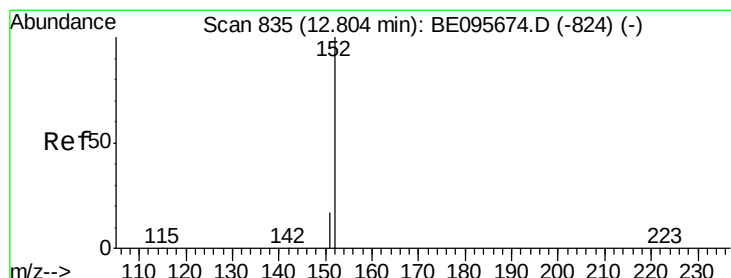
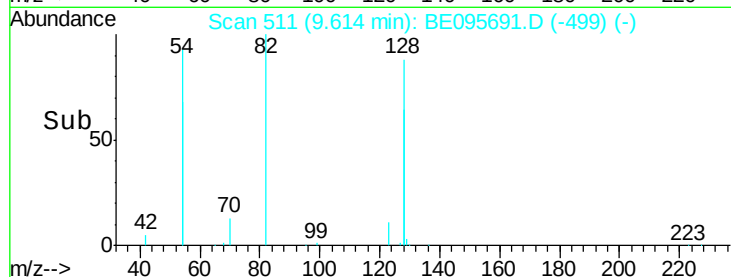
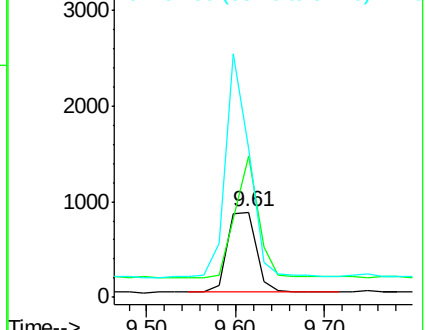
54 175.1 154.2 231.4



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: 0.366 ng

RT: 12.80 min Scan# 835

Delta R.T. 0.00 min

Lab File: BE095691.D

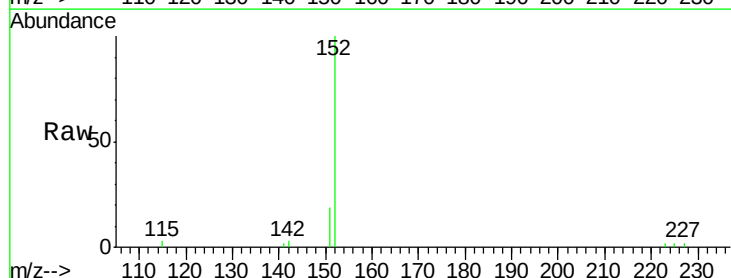
Acq: 26 Feb 2018 16:31

Tgt Ion: 152 Resp: 3094

Ion Ratio Lower Upper

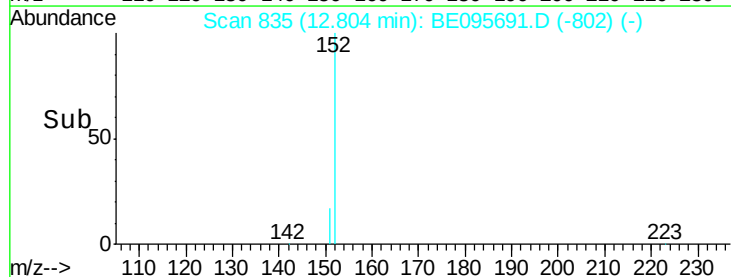
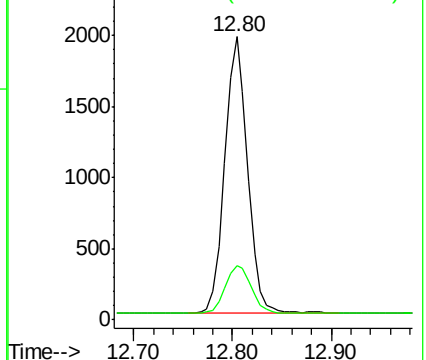
152 100

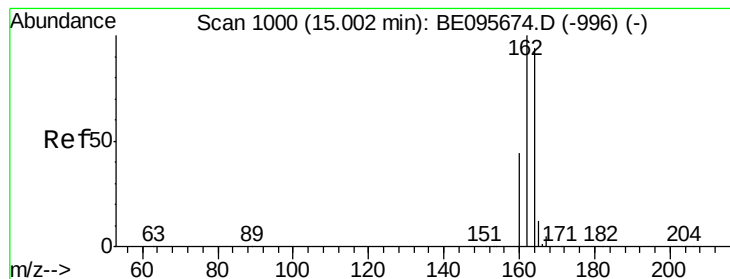
151 19.8 15.4 23.0



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# 1000

Delta R.T. -0.00 min

Lab File: BE095691.D

Acq: 26 Feb 2018 16:31

Instrument :

BNA_E

ClientSampleId :

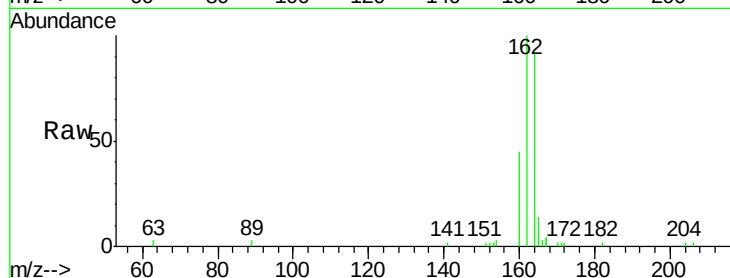
Tot Ion:164 Resp: 2839

Ion Ratio Lower Upper

164 100

162 108.6 83.1 124.7

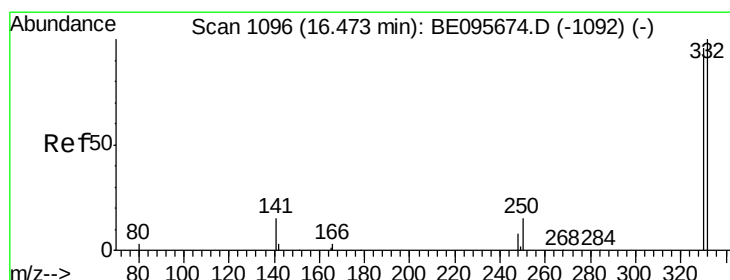
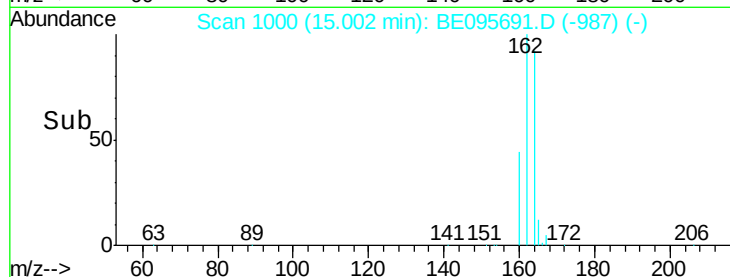
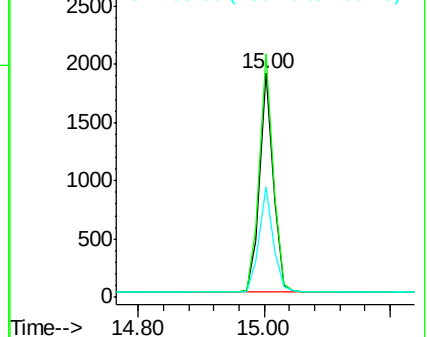
160 49.2 37.1 55.7



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: 0.354 ng

RT: 16.47 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE095691.D

Acq: 26 Feb 2018 16:31

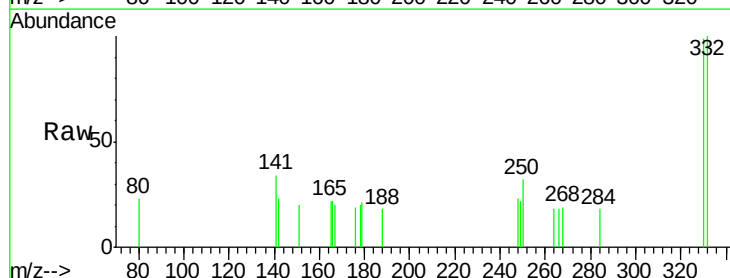
Tgt Ion:330 Resp: 324

Ion Ratio Lower Upper

330 100

332 101.2 152.7 229.1#

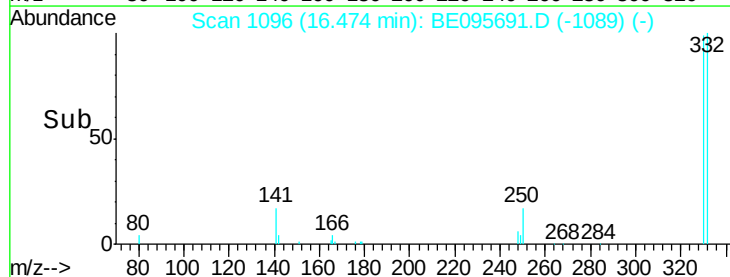
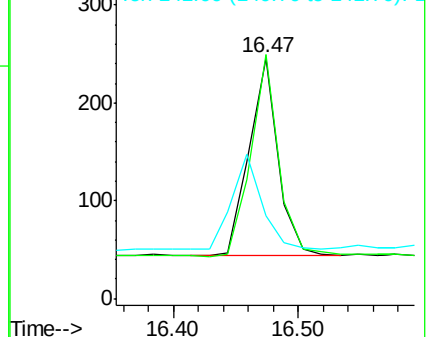
141 48.5 33.7 50.5

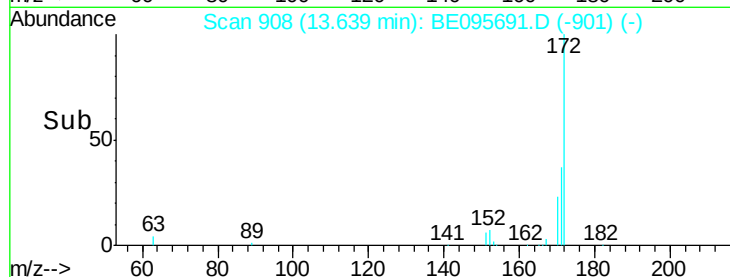
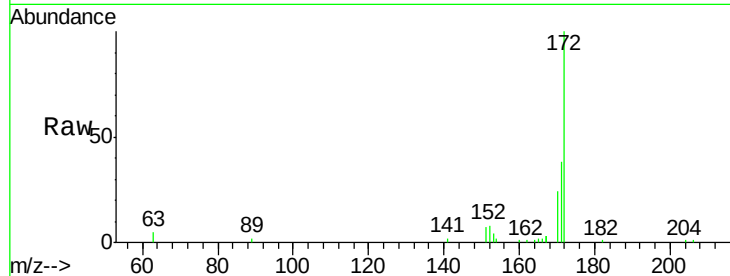
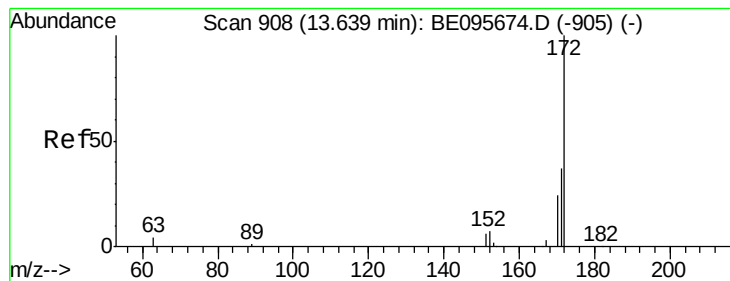


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.419 ng

RT: 13.64 min Scan# 908

Delta R.T. -0.00 min

Lab File: BE095691.D

Acq: 26 Feb 2018 16:31

Instrument :

BNA_E

ClientSampleId :

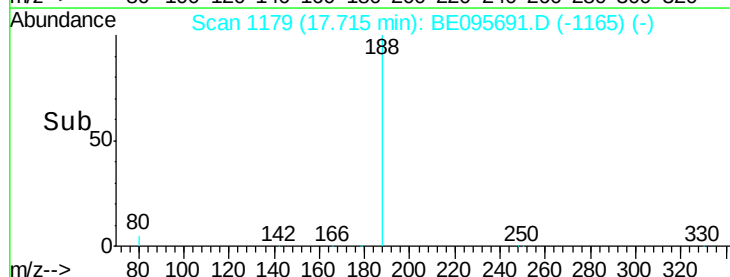
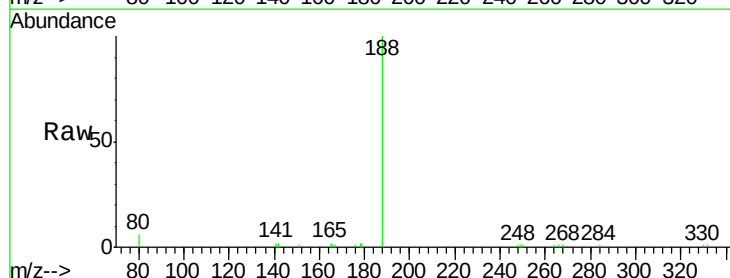
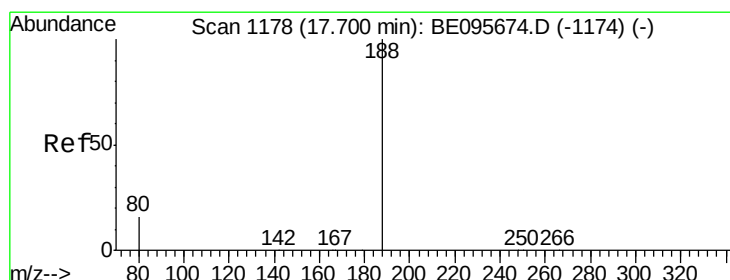
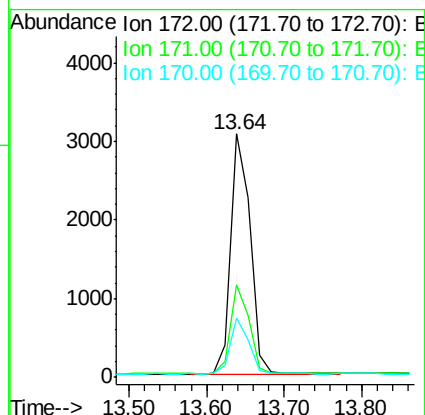
Tot Ion:172 Resp: 5311

Ion Ratio Lower Upper

172 100

171 38.1 29.9 44.9

170 24.2 21.8 32.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1179

Delta R.T. 0.02 min

Lab File: BE095691.D

Acq: 26 Feb 2018 16:31

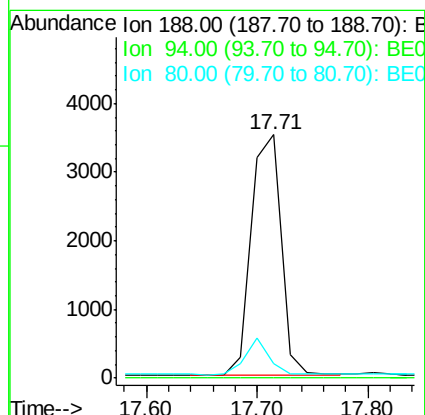
Tgt Ion:188 Resp: 6547

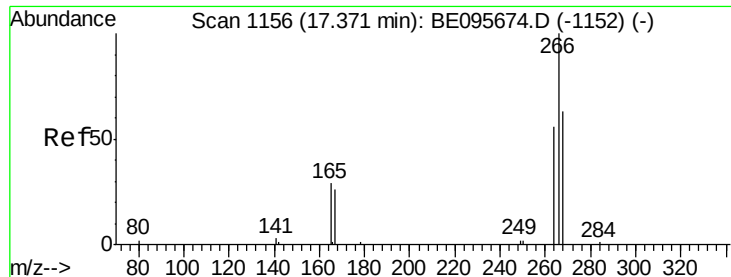
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 6.0 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.190 ng

RT: 17.36 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BE095691.D

Acq: 26 Feb 2018 16:31

Instrument :

BNA_E

ClientSampleId :

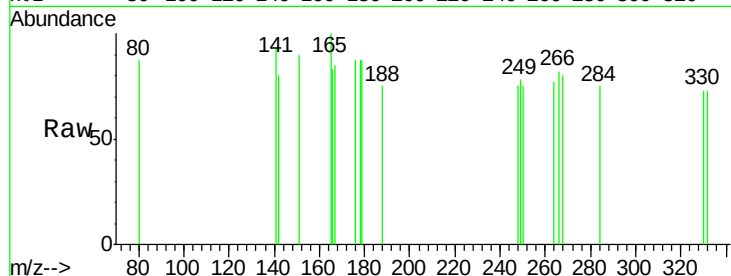
Tot Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

264 93.9 72.5 108.7

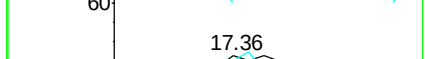
268 98.0 73.8 110.6



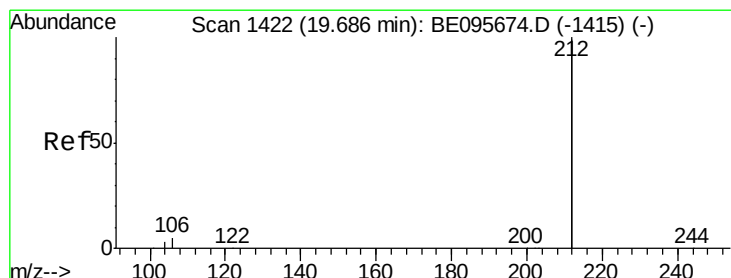
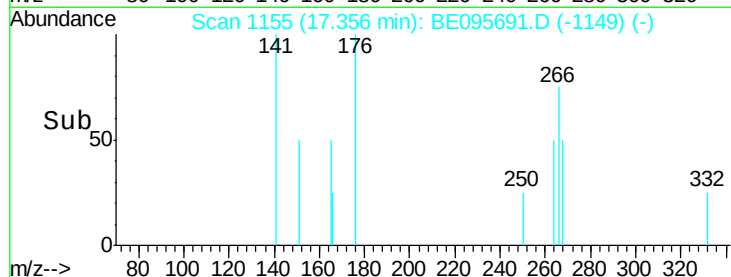
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 19.69 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BE095691.D

Acq: 26 Feb 2018 16:31

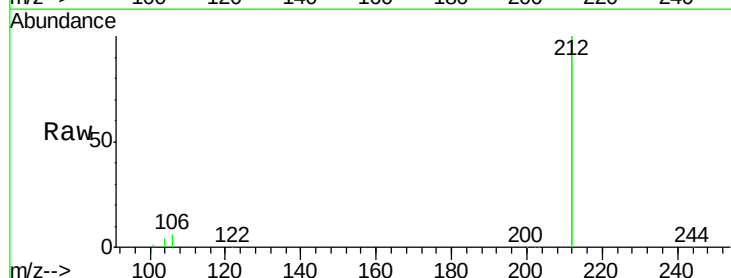
Tgt Ion:212 Resp: 33908

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

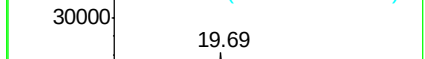
104 1.6 1.6 2.4



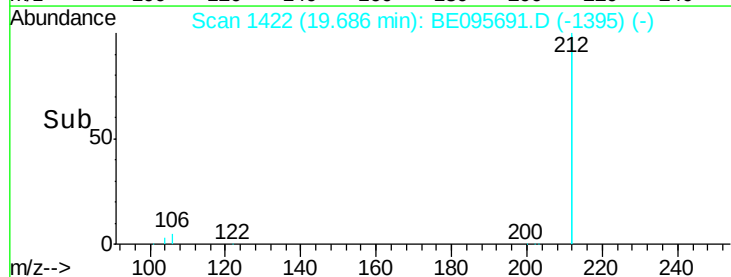
Abundance Ion 212.00 (211.70 to 212.70): E

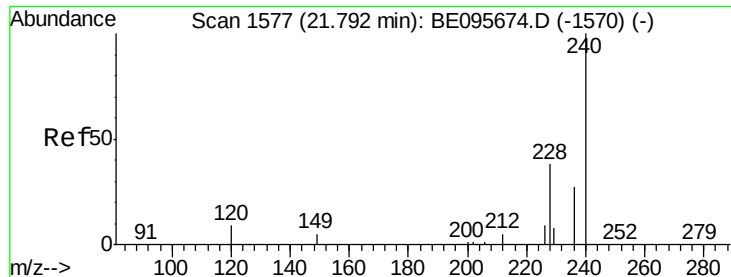
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.79 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BE095691.D

Acq: 26 Feb 2018 16:31

Instrument :

BNA_E

ClientSampled :

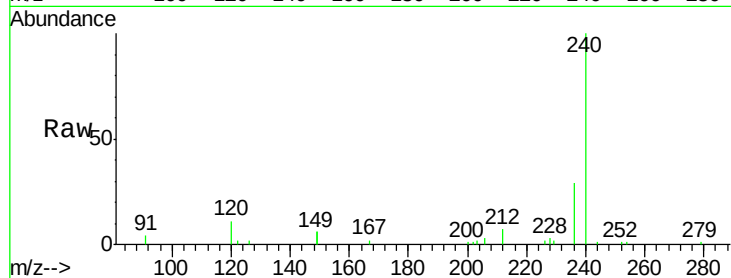
Tot Ion:240 Resp: 6892

Ion Ratio Lower Upper

240 100

120 11.3 5.5 8.3#

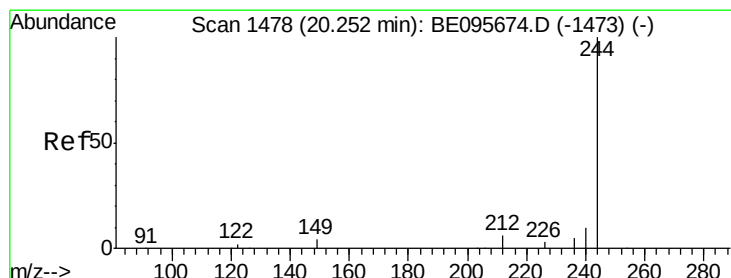
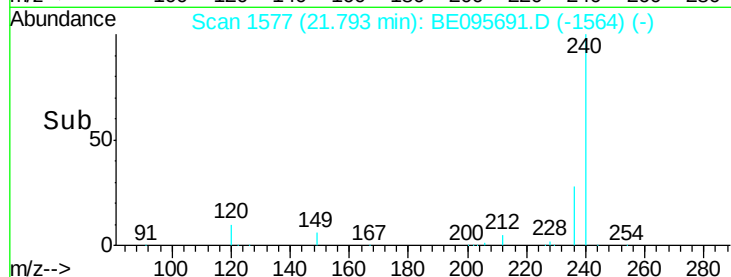
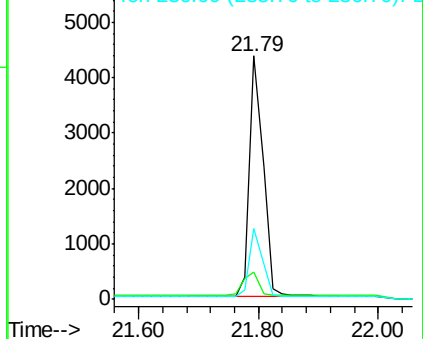
236 29.0 20.7 31.1



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: 0.417 ng

RT: 20.25 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE095691.D

Acq: 26 Feb 2018 16:31

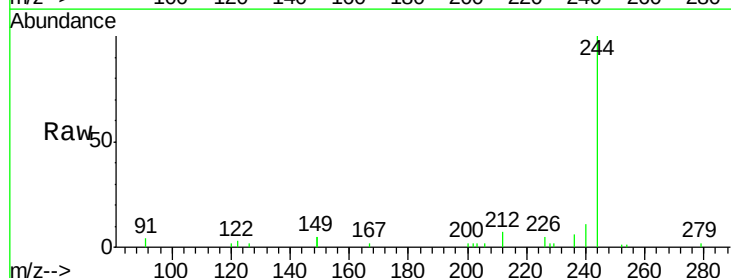
Tgt Ion:244 Resp: 5723

Ion Ratio Lower Upper

244 100

212 6.5 25.4 38.0#

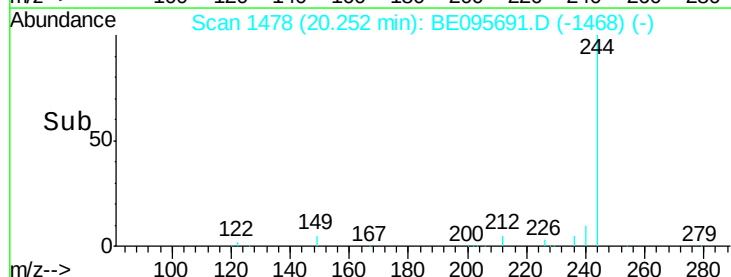
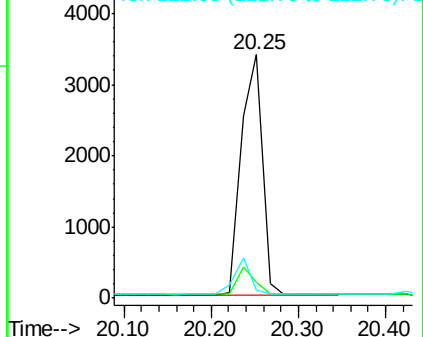
122 3.2 8.1 12.1#

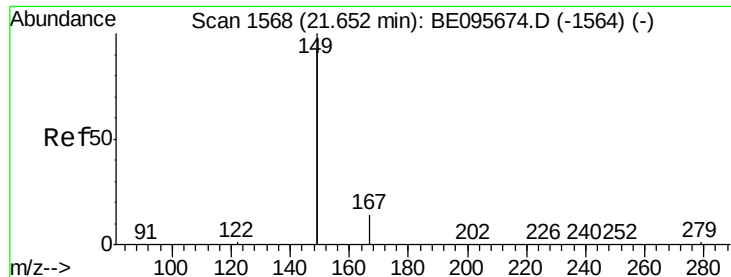


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.111 ng

RT: 21.65 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BE095691.D

Acq: 26 Feb 2018 16:31

Instrument :

BNA_E

ClientSampled :

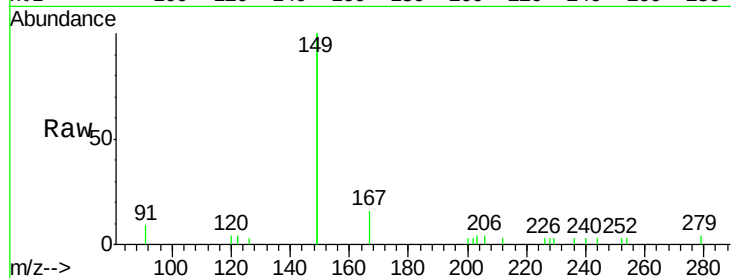
Tot Ion:149 Resp: 4424

Ion Ratio Lower Upper

149 100

167 7.4 5.4 8.0

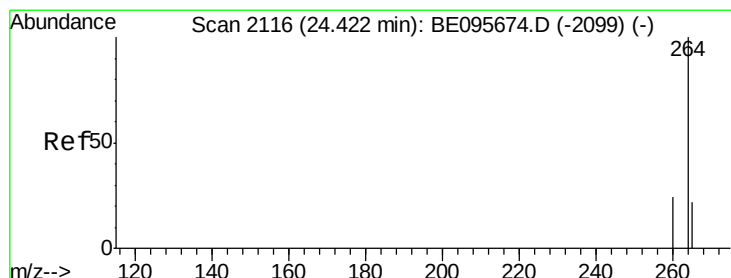
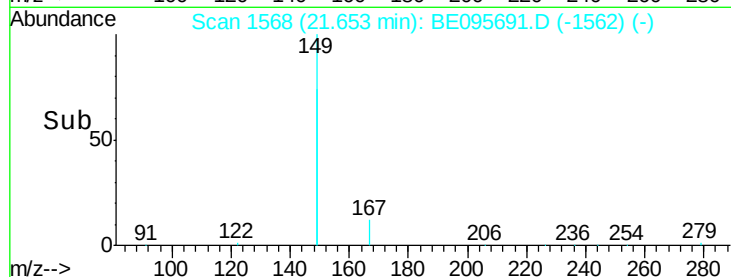
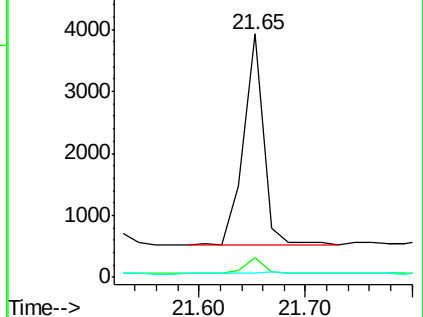
279 0.8 0.7 1.1



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# 2116

Delta R.T. 0.00 min

Lab File: BE095691.D

Acq: 26 Feb 2018 16:31

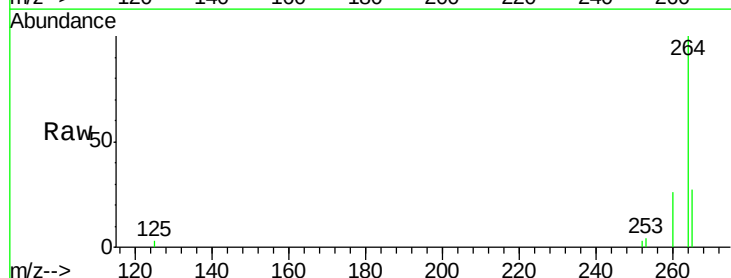
Tgt Ion:264 Resp: 6427

Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

265 27.2 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

