

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
 Data File : BE095731.D
 Acq On : 12 Mar 2018 15:43
 Operator : SJ/JU
 Sample : J1867-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 12 16:44:59 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

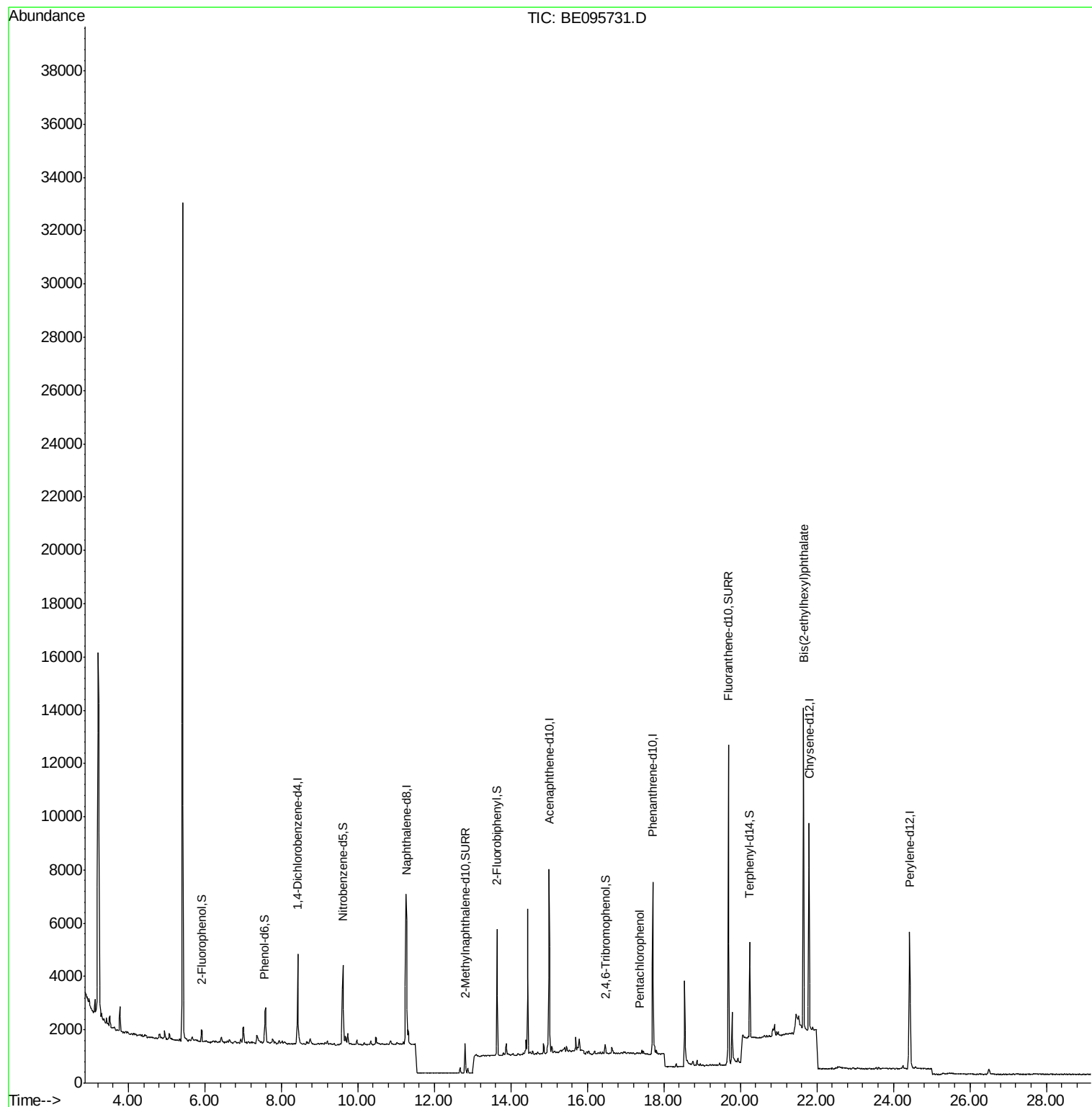
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1611	0.40	ng	0.00
7) Naphthalene-d8	11.27	136	6542	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3808	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	8261	0.40	ng	0.00
27) Chrysene-d12	21.80	240	8461	0.40	ng	0.00
34) Perylene-d12	24.42	264	7964	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	243	0.06	ng	0.00
5) Phenol-d6	7.56	99	364	0.06	ng	0.00
8) Nitrobenzene-d5	9.61	82	1157	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	1505	0.14	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	213	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	4042	0.24	ng	0.00
25) Fluoranthene-d10	19.69	212	15431	0.14	ng	0.00
29) Terphenyl-d14	20.24	244	3694	0.22	ng	-0.01
Target Compounds						
22) Pentachlorophenol	17.36	266	28	0.193	ng	97
32) Bis(2-ethylhexyl)phthalate	21.66	149	15199	0.311	ng	99

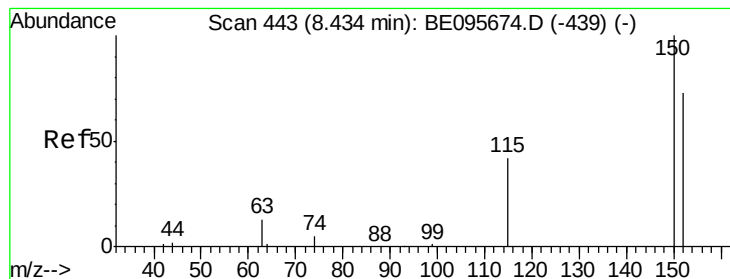
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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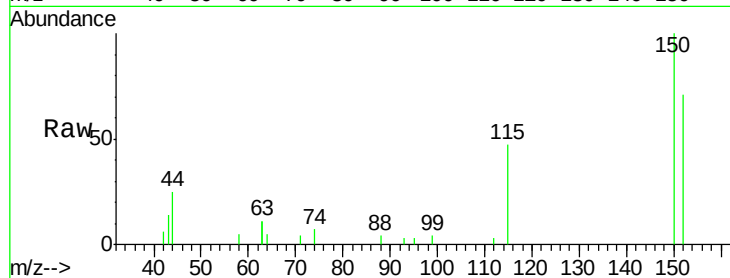


#1

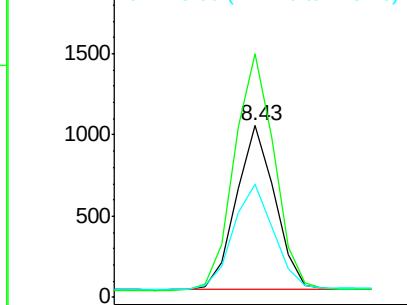
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095731.D
Acq: 12 Mar 2018 15:43

Instrument :
BNA_E
ClientSampleId :

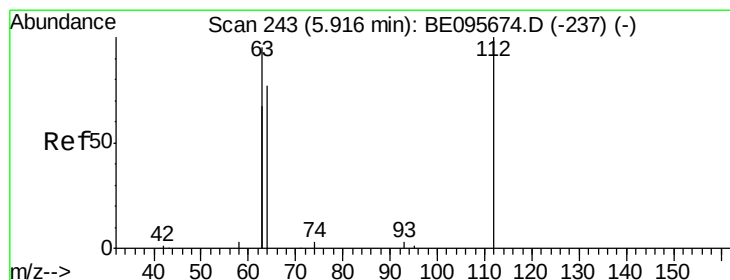
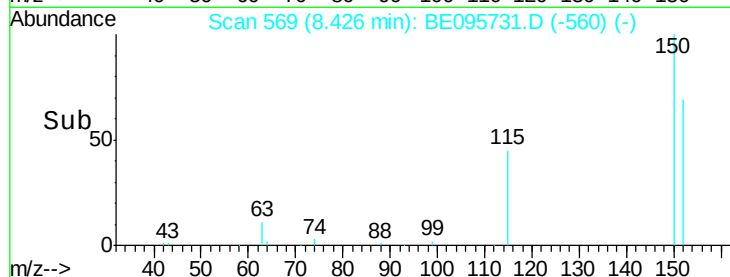
Tot Ion:152 Resp: 1611
Ion Ratio Lower Upper
152 100
150 141.8 117.2 175.8
115 66.2 57.0 85.6



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



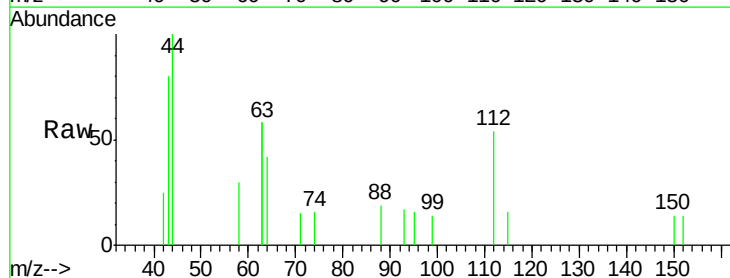
Time--> 8.35 8.40 8.45 8.50



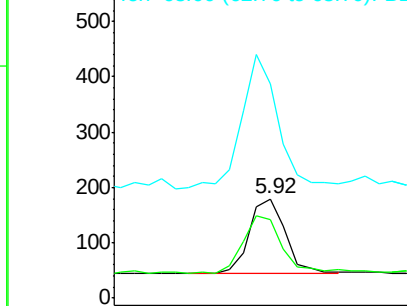
#4

2-Fluorophenol
Concen: 0.057 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.01 min
Lab File: BE095731.D
Acq: 12 Mar 2018 15:43

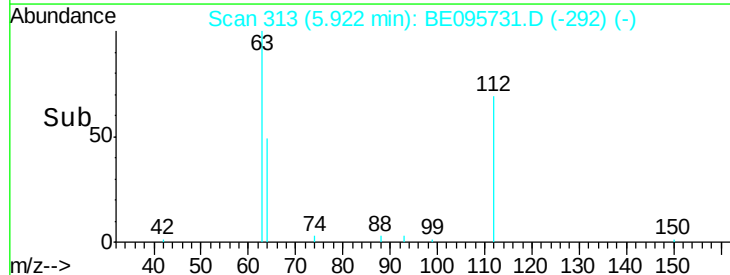
Tgt Ion:112 Resp: 243
Ion Ratio Lower Upper
112 100
64 83.5 60.1 90.1
63 181.1 116.8 175.2#

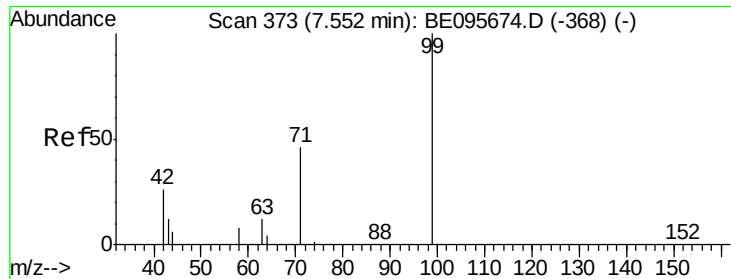


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time--> 5.85 5.90 5.95 6.00





#5

Phenol-d6

Concen: 0.062 ng

RT: 7.56 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

Instrument :

BNA_E

ClientSampleId :

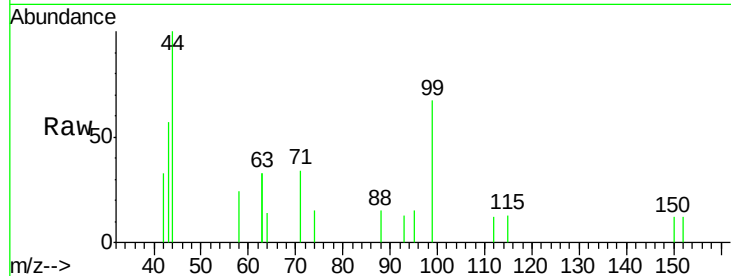
Tot Ion: 99 Resp: 364

Ion Ratio Lower Upper

99 100

42 36.0 20.2 30.2#

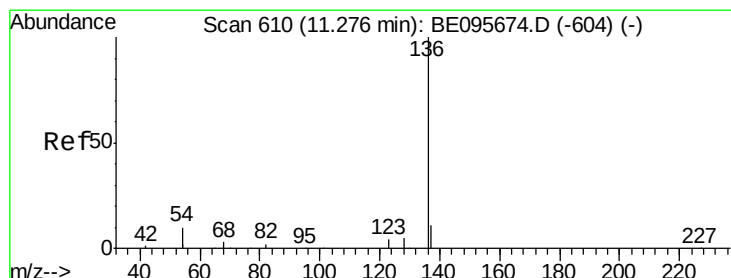
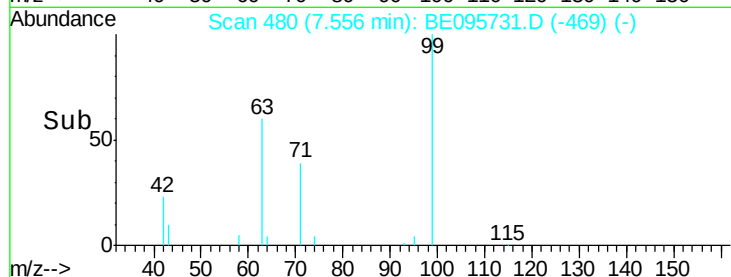
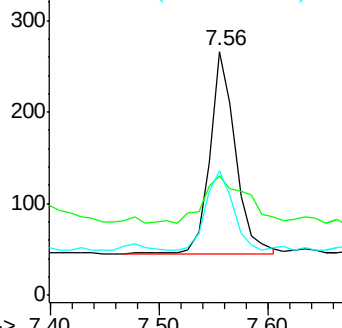
71 41.8 28.4 42.6



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: 11.27 min Scan# 785

Delta R.T. -0.01 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

Tgt Ion: 136 Resp: 6542

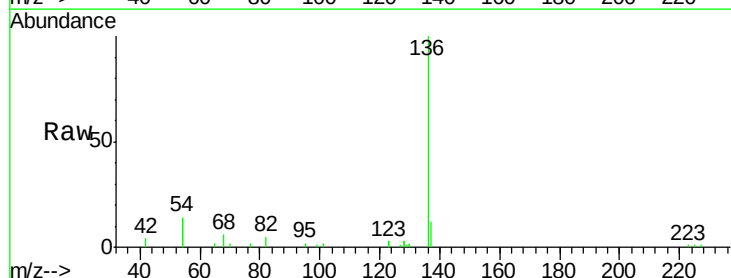
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 27.2 29.1 43.7#

68 5.9 6.2 9.2#

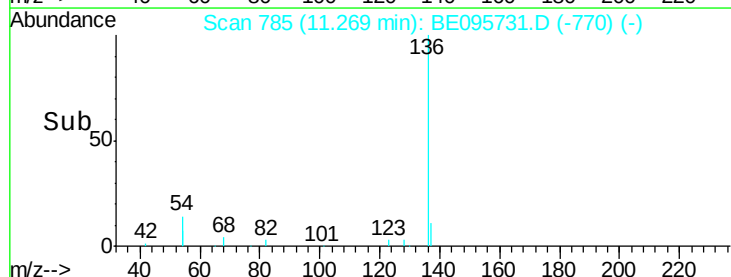
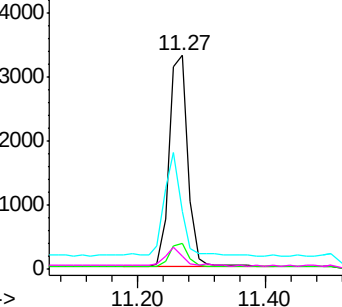


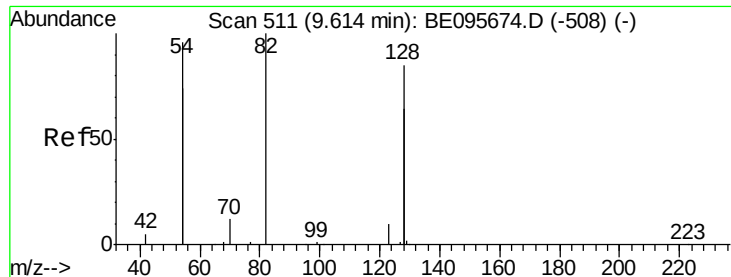
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.172 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

Instrument :

BNA_E

ClientSampled :

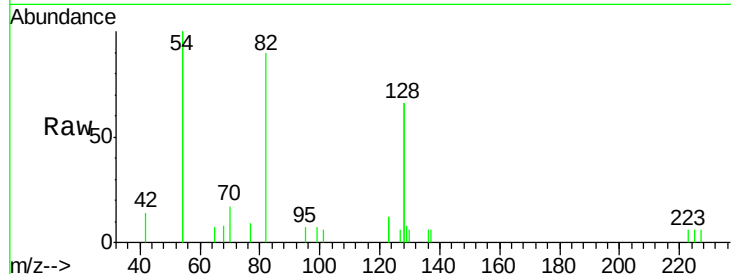
Tot Ion: 82 Resp: 1157

Ion Ratio Lower Upper

82 100

128 145.9 150.0 225.0#

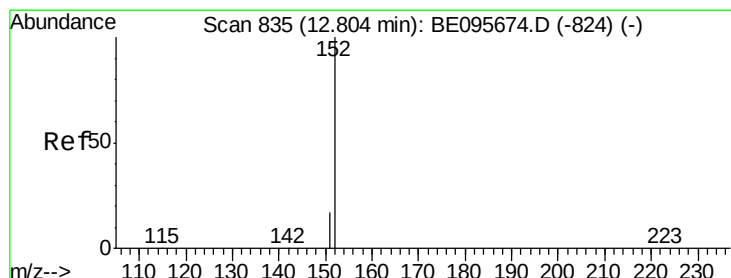
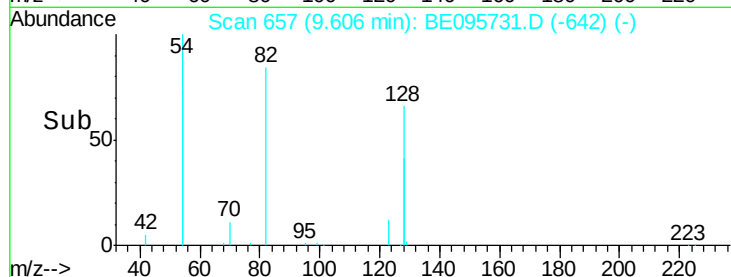
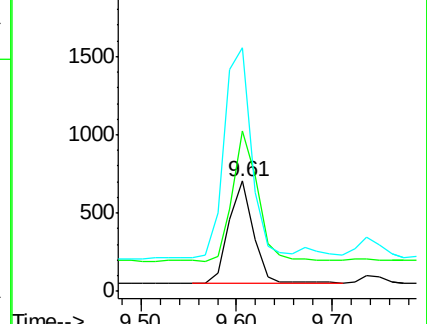
54 221.3 154.2 231.4



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: 0.138 ng

RT: 12.80 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BE095731.D

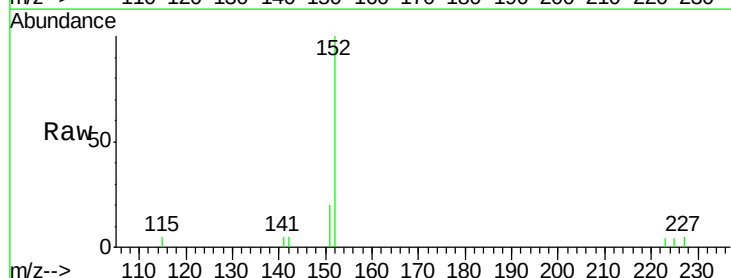
Acq: 12 Mar 2018 15:43

Tgt Ion: 152 Resp: 1505

Ion Ratio Lower Upper

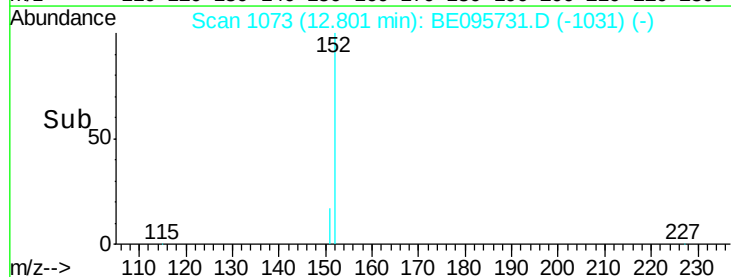
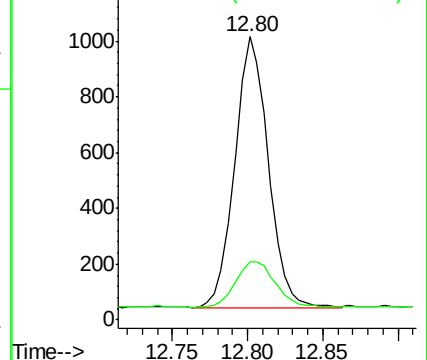
152 100

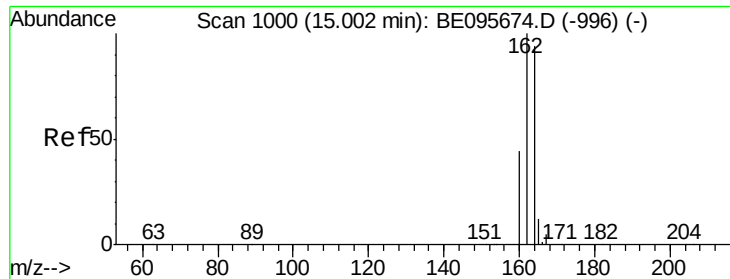
151 20.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

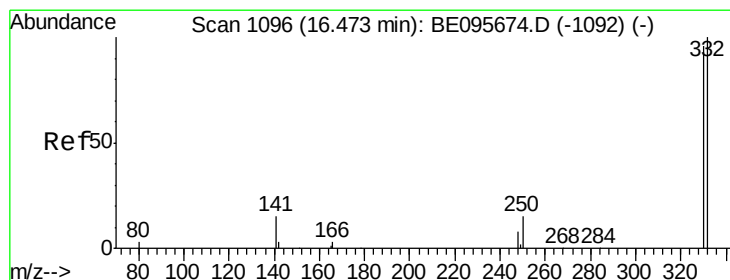
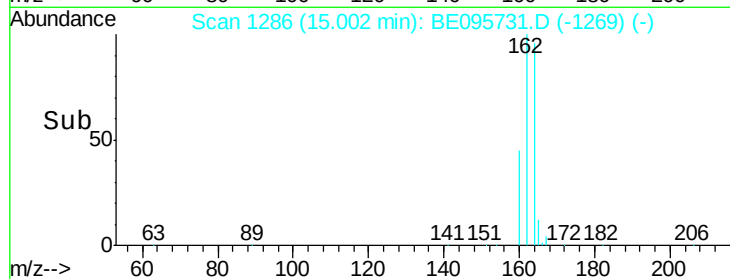
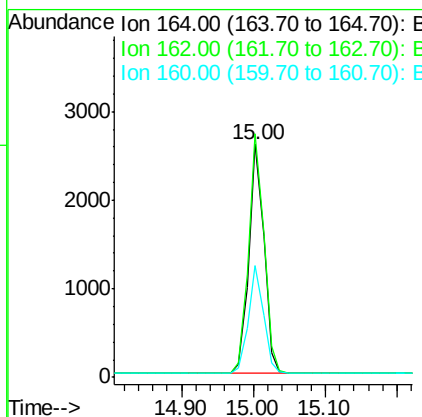
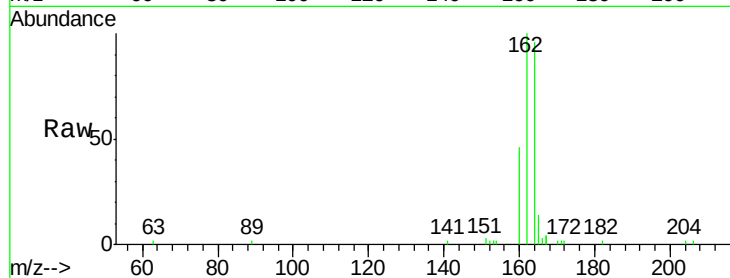




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.00 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BE095731.D
 Acq: 12 Mar 2018 15:43

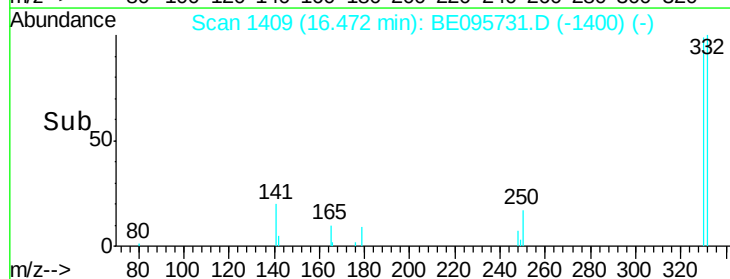
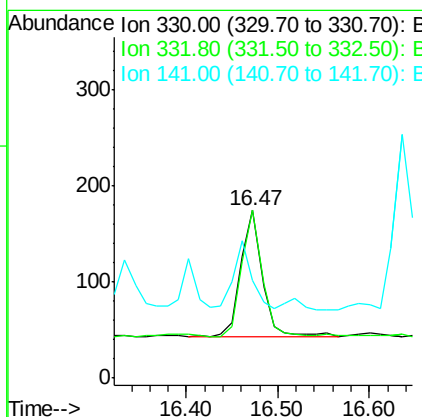
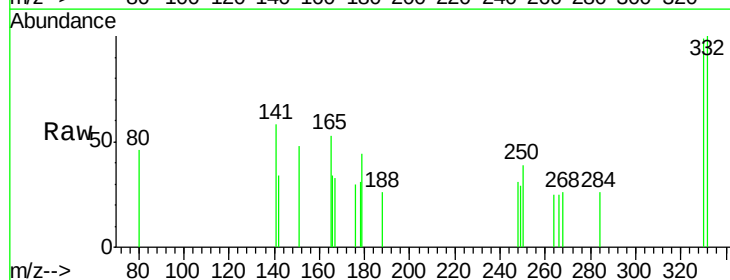
Instrument :
 BNA_E
 ClientSampleId :

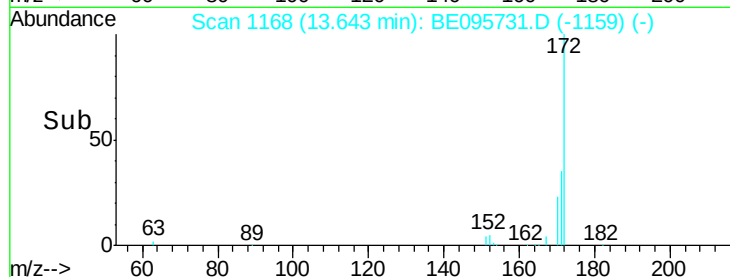
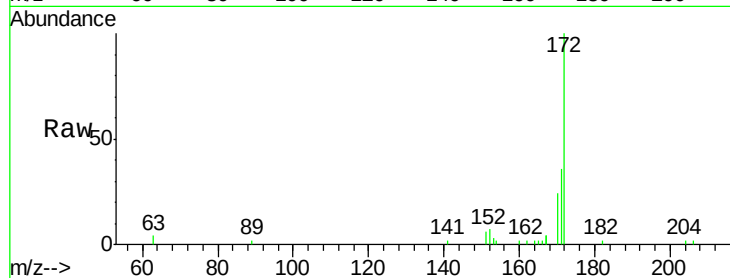
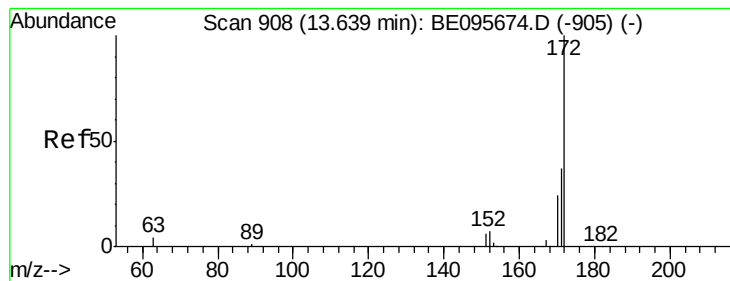
Tot Ion:164 Resp: 3808
 Ion Ratio Lower Upper
 164 100
 162 104.3 83.1 124.7
 160 47.7 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.232 ng
 RT: 16.47 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BE095731.D
 Acq: 12 Mar 2018 15:43

Tgt Ion:330 Resp: 213
 Ion Ratio Lower Upper
 330 100
 332 95.8 152.7 229.1#
 141 46.0 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.238 ng

RT: 13.64 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

Instrument :

BNA_E

ClientSampleId :

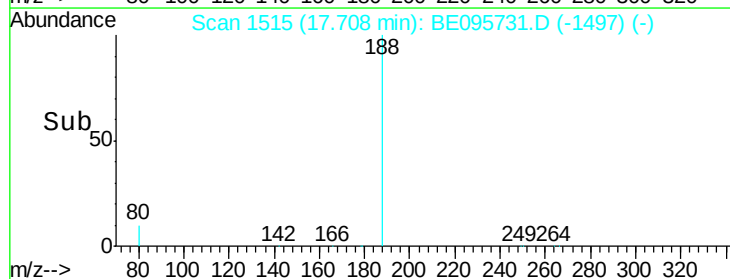
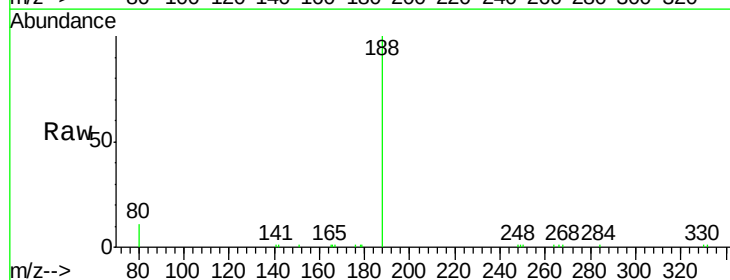
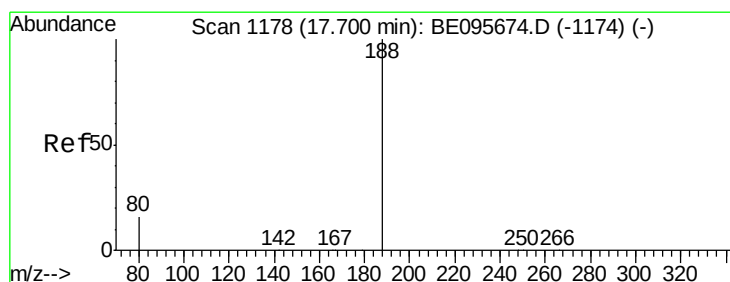
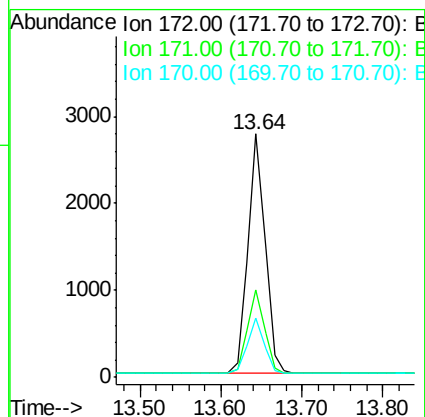
Tot Ion:172 Resp: 4042

Ion Ratio Lower Upper

172 100

171 36.0 29.9 44.9

170 24.3 21.8 32.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

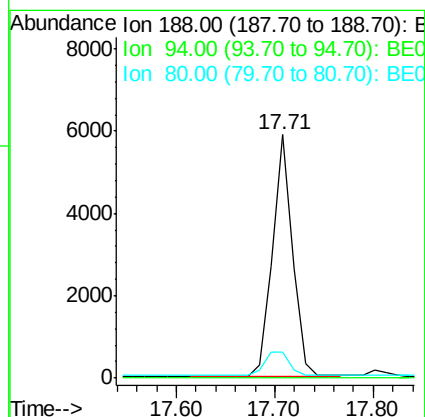
Tgt Ion:188 Resp: 8261

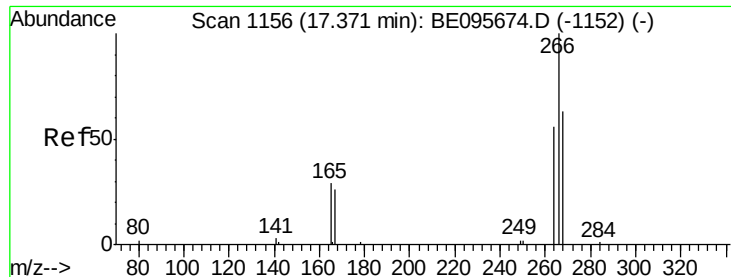
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 10.9 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.193 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

Instrument :

BNA_E

ClientSampleId :

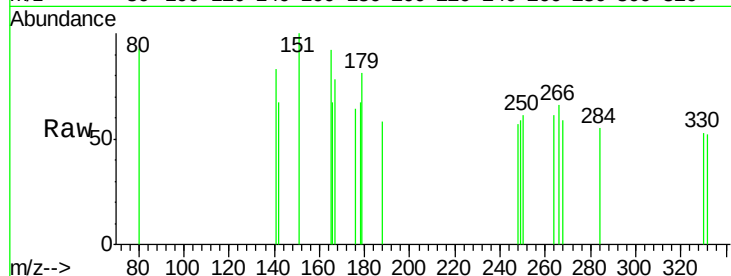
Tot Ion:266 Resp: 28

Ion Ratio Lower Upper

266 100

264 92.7 72.5 108.7

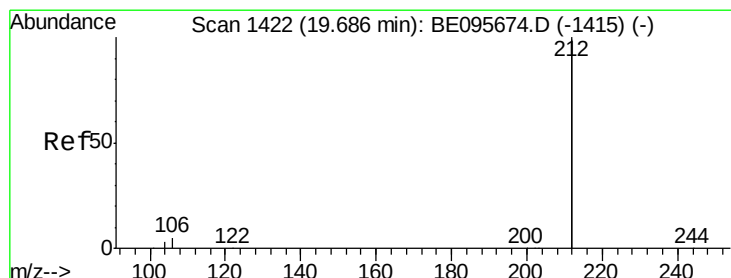
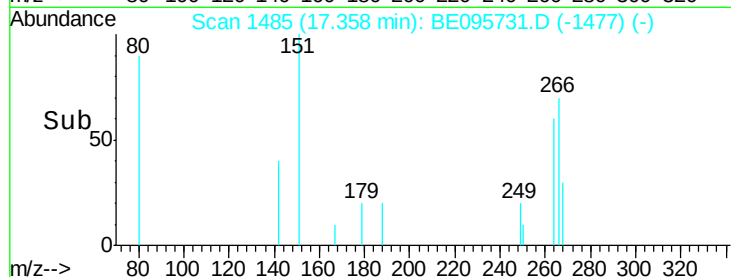
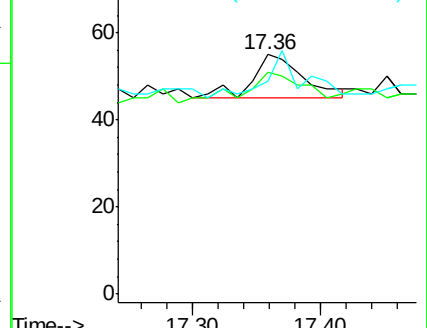
268 89.1 73.8 110.6



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: 0.143 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

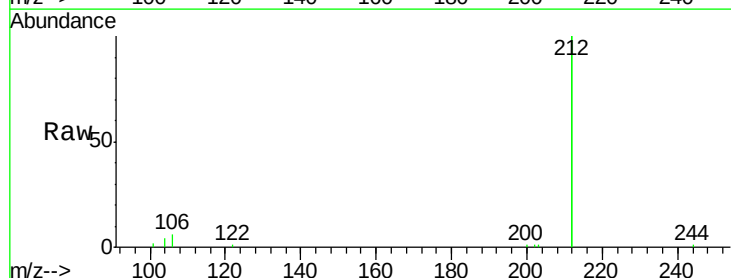
Tgt Ion:212 Resp: 15431

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

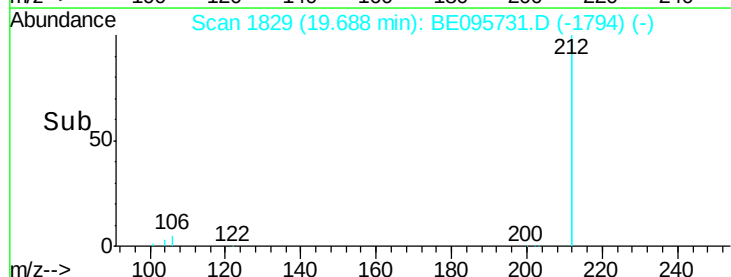
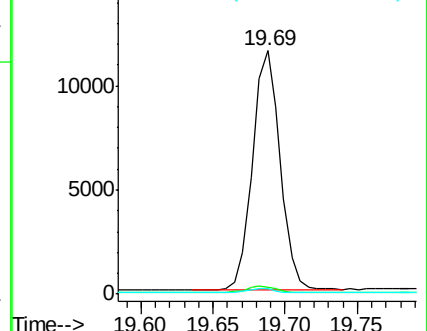
104 1.9 1.6 2.4

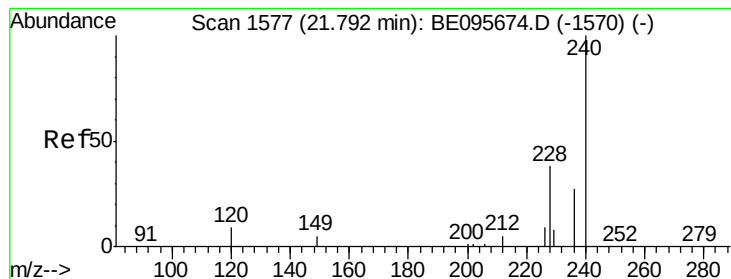


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE095731.D

Acq: 12 Mar 2018 15:43

Instrument :

BNA_E

ClientSampleId :

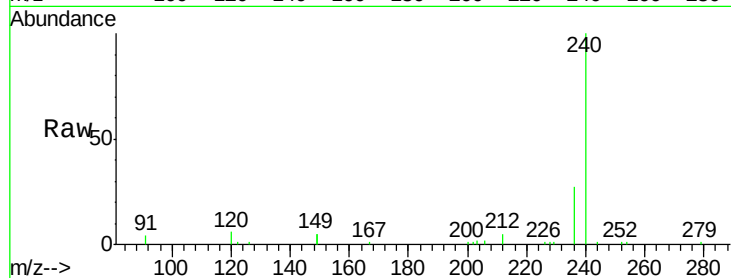
Tot Ion:240 Resp: 8461

Ion Ratio Lower Upper

240 100

120 5.8 5.5 8.3

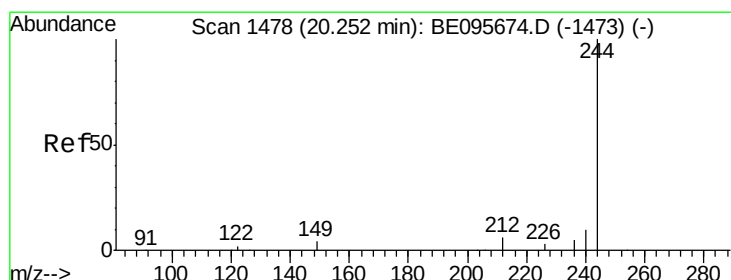
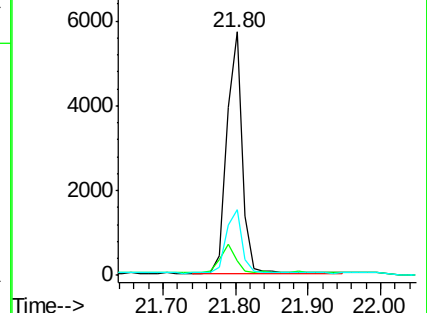
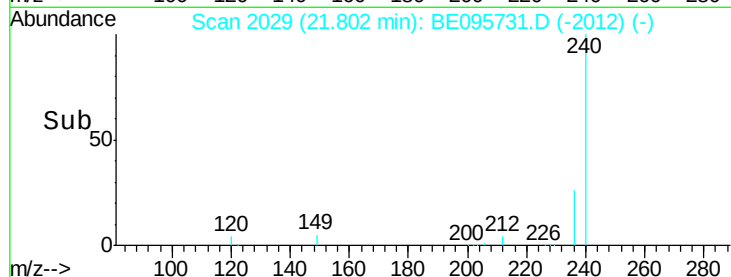
236 27.0 20.7 31.1



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: 0.219 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BE095731.D

Acq: 12 Mar 2018 15:43

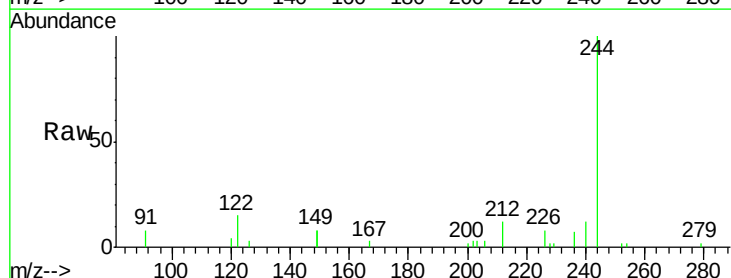
Tgt Ion:244 Resp: 3694

Ion Ratio Lower Upper

244 100

212 12.4 25.4 38.0#

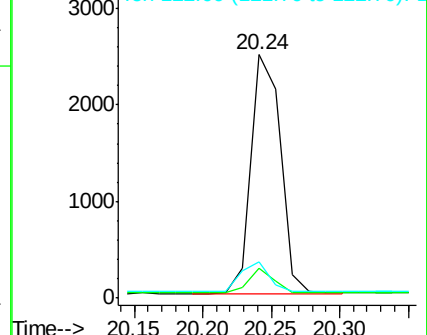
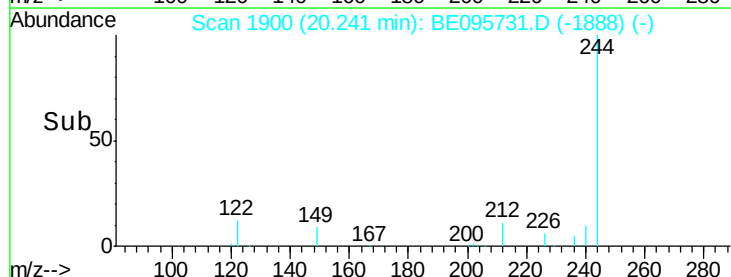
122 14.9 8.1 12.1#

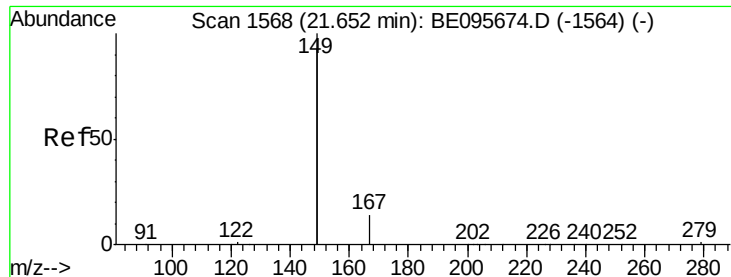


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

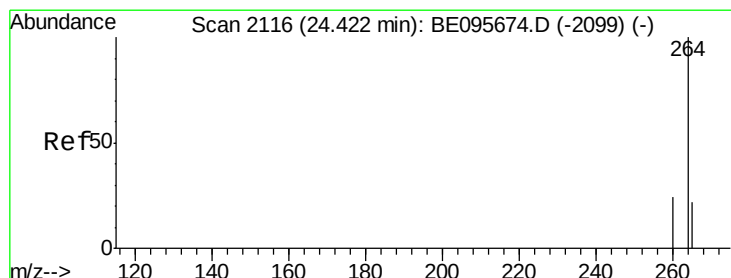
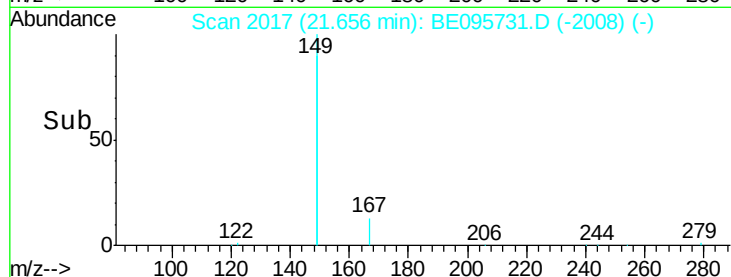
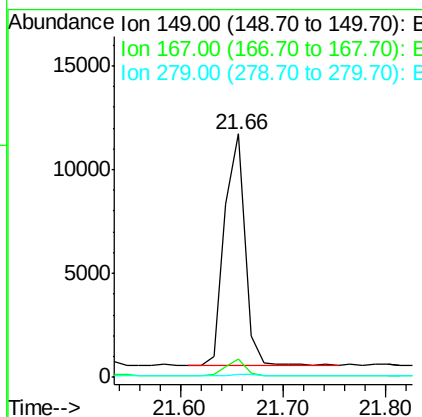
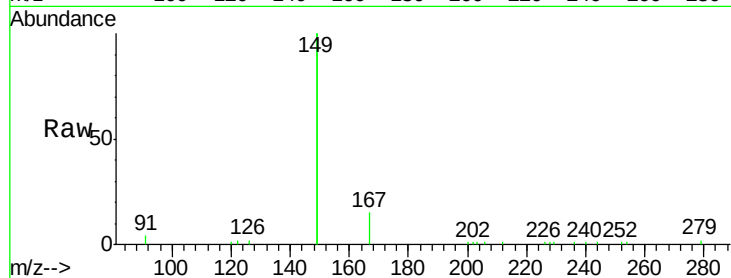




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.311 ng
 RT: 21.66 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BE095731.D
 Acq: 12 Mar 2018 15:43

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 15199
 Ion Ratio Lower Upper
 149 100
 167 7.0 5.4 8.0
 279 0.8 0.7 1.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.42 min Scan# 2718
 Delta R.T. 0.00 min
 Lab File: BE095731.D
 Acq: 12 Mar 2018 15:43

Tgt Ion:264 Resp: 7964
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.5 30.7
 265 24.8 22.8 34.2

