

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095861.D
 Acq On : 27 Mar 2018 4:43
 Operator : SJ/JU
 Sample : J1994-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 27 05:46:06 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

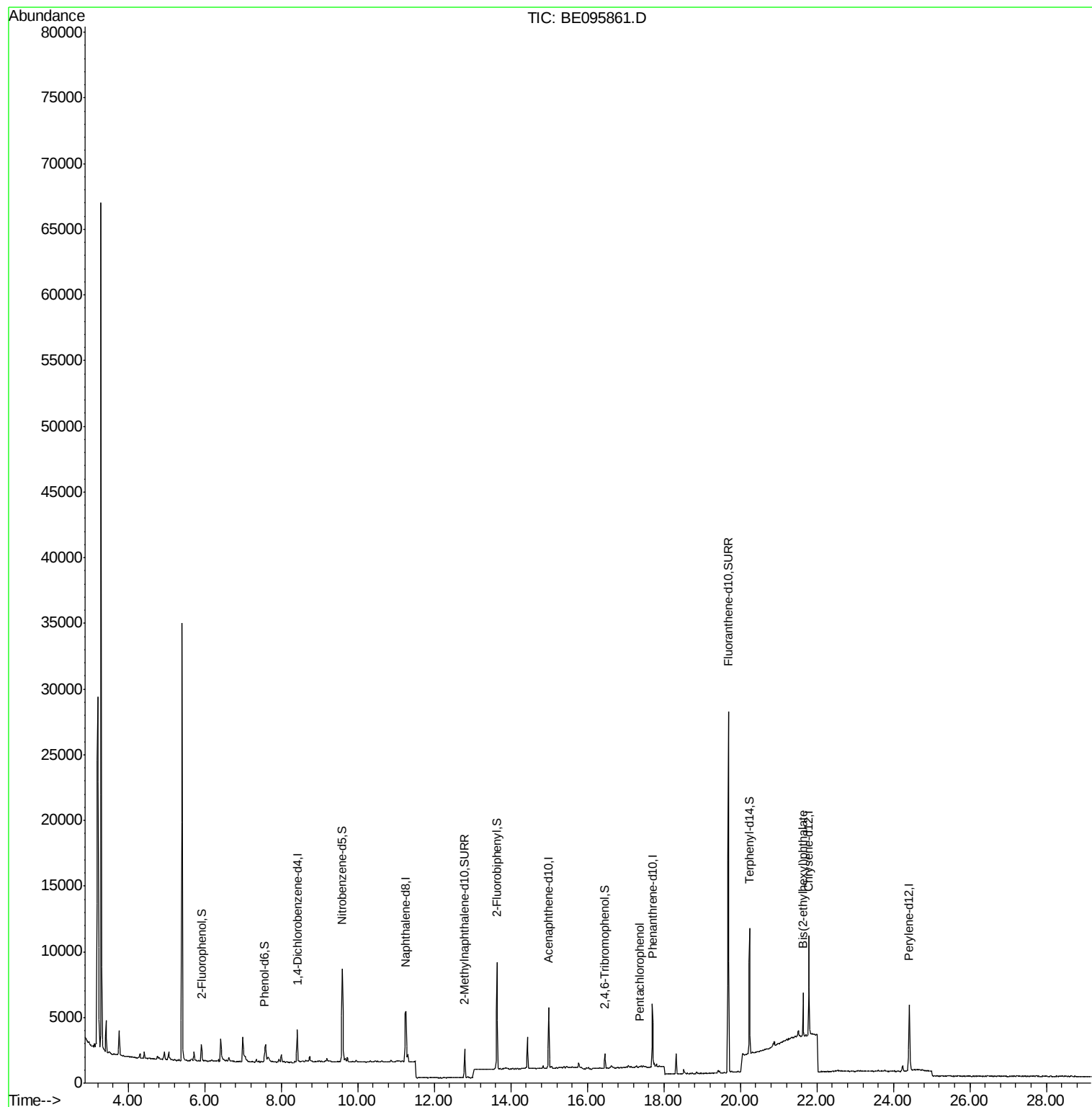
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1194	0.40	ng	-0.01
7) Naphthalene-d8	11.26	136	4611	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2707	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6568	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	7479	0.40	ng	-0.01
34) Perylene-d12	24.42	264	7409	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	631	0.16	ng	-0.01
5) Phenol-d6	7.56	99	629	0.12	ng	-0.01
8) Nitrobenzene-d5	9.59	82	2600	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2864	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.46	330	580	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	6808	0.60	ng	-0.01
25) Fluoranthene-d10	19.68	212	35916	0.37	ng	0.00
29) Terphenyl-d14	20.24	244	9543	0.60	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.36	266	34	0.154	ng	99
32) Bis(2-ethylhexyl)phthalate	21.64	149	4501	0.057	ng	# 99

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

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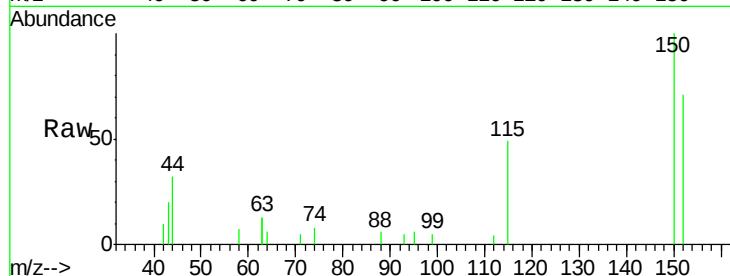


#1

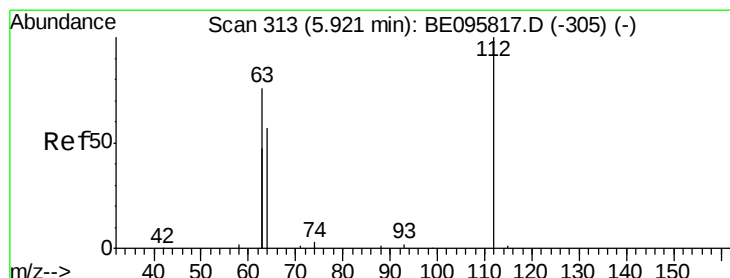
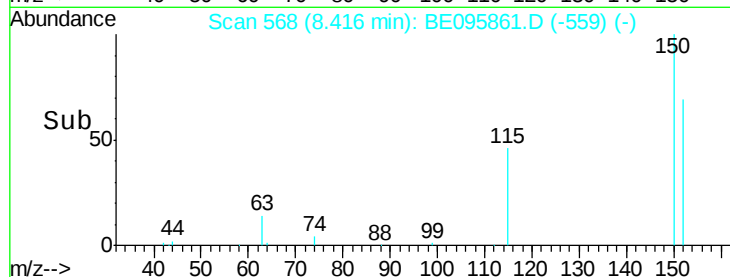
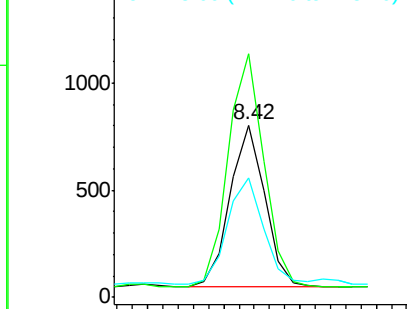
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095861.D
Acq: 27 Mar 2018 4:43

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1194
Ion Ratio Lower Upper
152 100
150 141.3 117.2 175.8
115 69.5 57.0 85.6



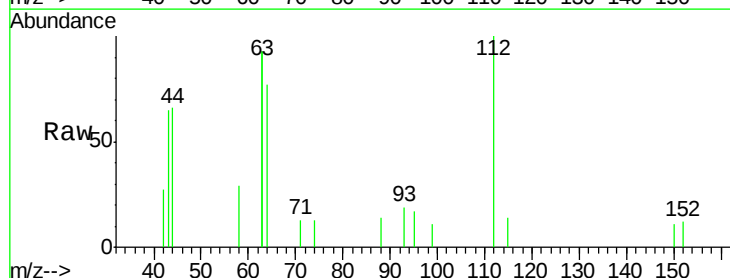
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



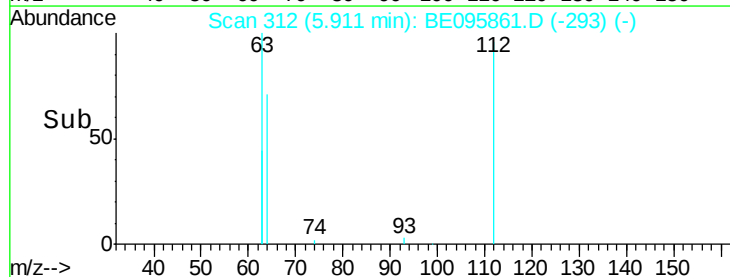
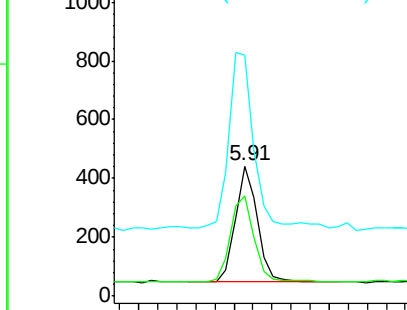
#4

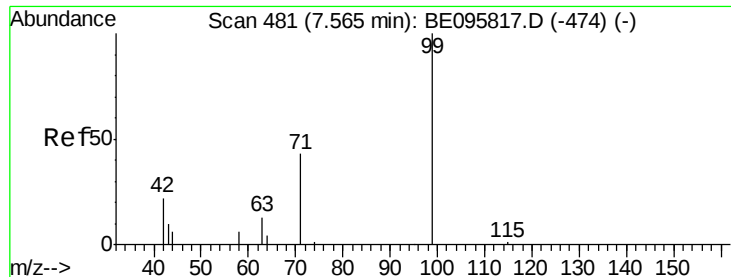
2-Fluorophenol
Concen: 0.160 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095861.D
Acq: 27 Mar 2018 4:43

Tgt Ion:112 Resp: 631
Ion Ratio Lower Upper
112 100
64 80.0 60.1 90.1
63 168.6 116.8 175.2



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: 0.116 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095861.D

Acq: 27 Mar 2018 4:43

Instrument :

BNA_E

ClientSampled :

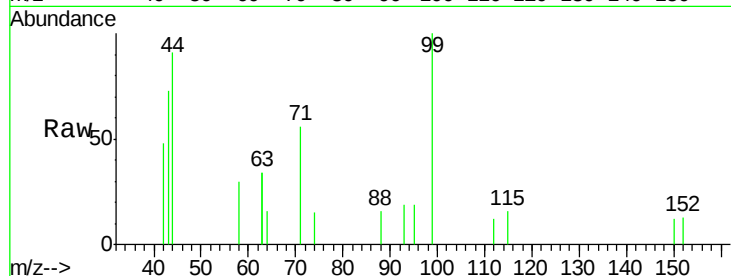
Tot Ion: 99 Resp: 629

Ion Ratio Lower Upper

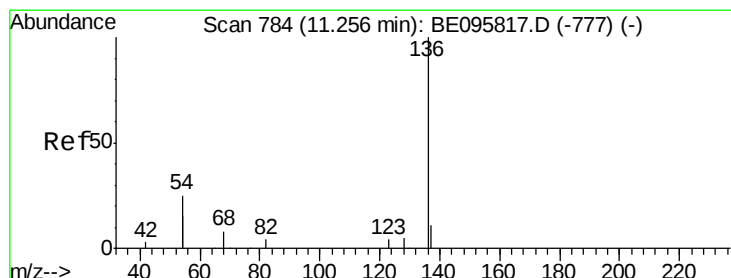
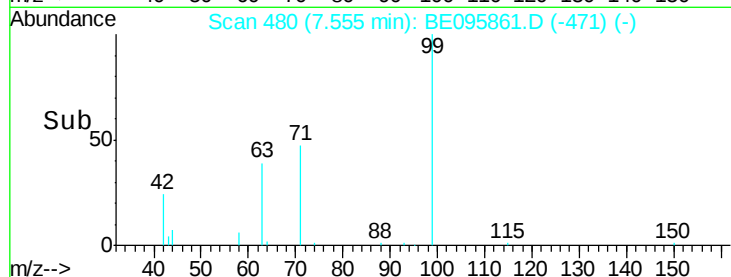
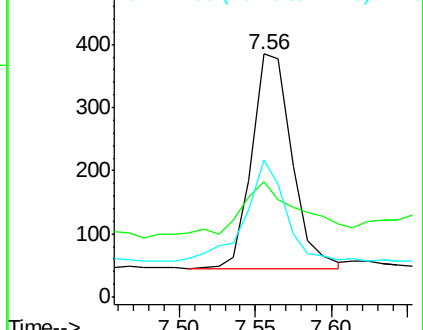
99 100

42 40.9 20.2 30.2#

71 47.1 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: BE095861.D

Acq: 27 Mar 2018 4:43

Tgt Ion: 136 Resp: 4611

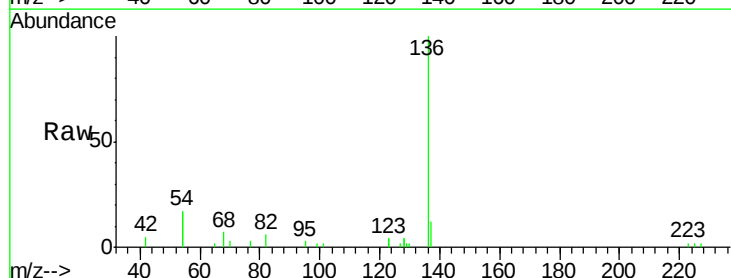
Ion Ratio Lower Upper

136 100

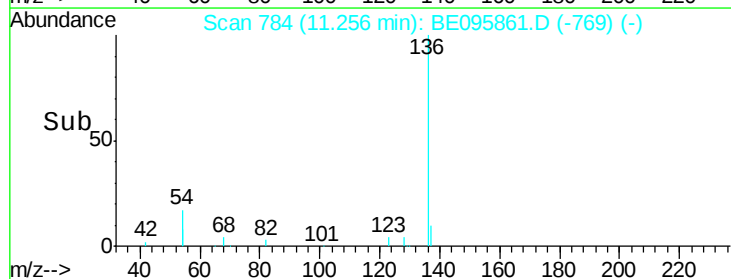
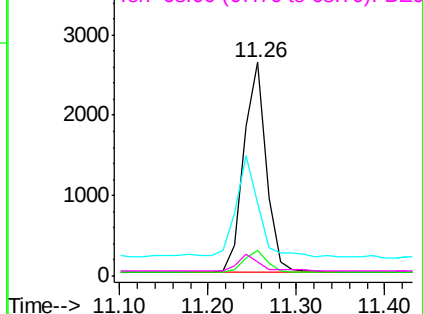
137 11.9 9.5 14.3

54 33.9 29.1 43.7

68 6.8 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: 0.477 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095861.D

Acq: 27 Mar 2018 4:43

Instrument :

BNA_E

ClientSampleId :

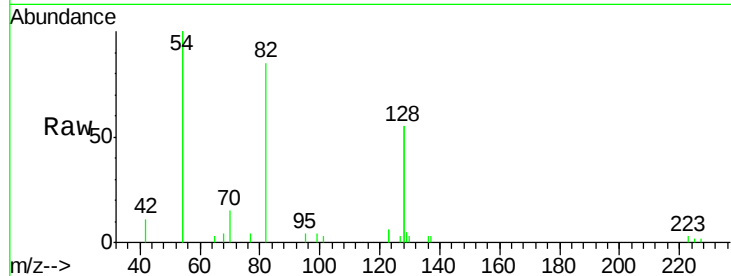
Tot Ion: 82 Resp: 2600

Ion Ratio Lower Upper

82 100

128 129.9 150.0 225.0#

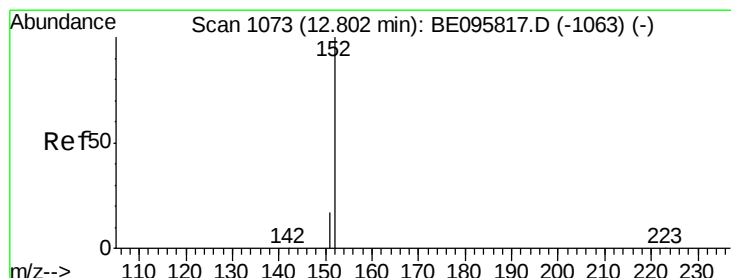
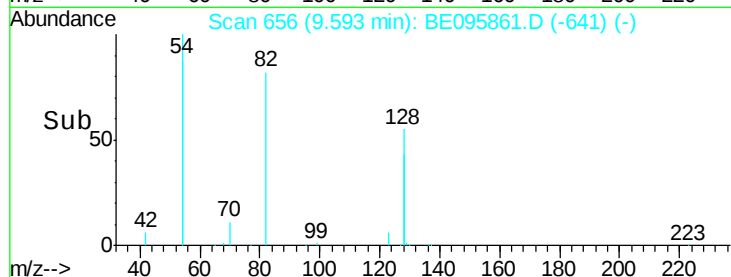
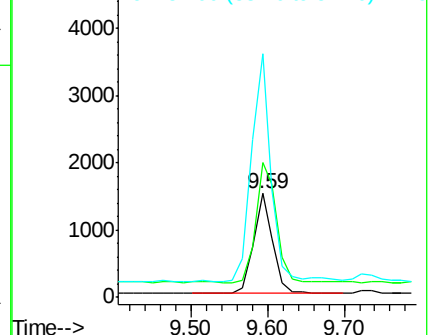
54 234.5 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE095817.D (-653) (-)

Ion 128.00 (127.70 to 128.70): BE095817.D (-653) (-)

Ion 54.00 (53.70 to 54.70): BE095817.D (-653) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.372 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095861.D

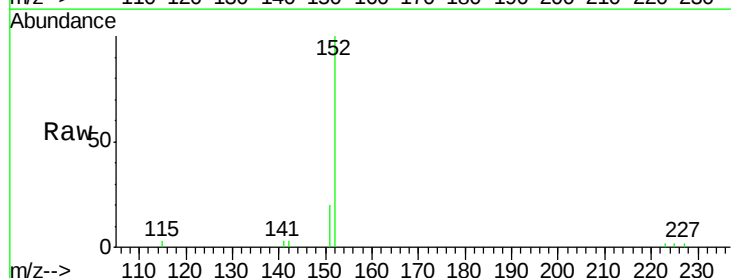
Acq: 27 Mar 2018 4:43

Tgt Ion: 152 Resp: 2864

Ion Ratio Lower Upper

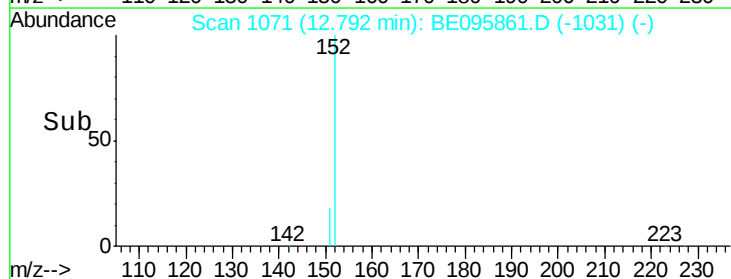
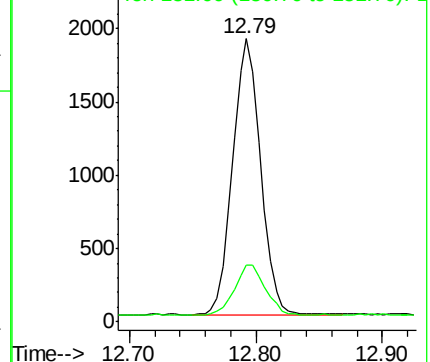
152 100

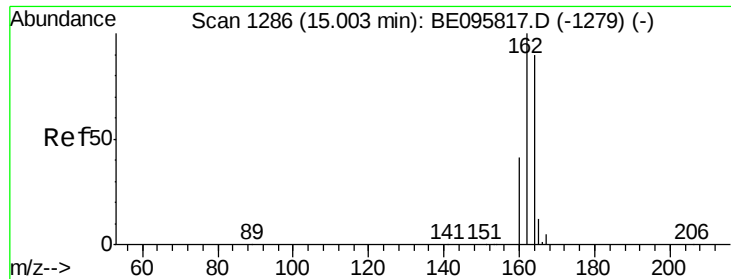
151 19.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095817.D (-1063) (-)

Ion 151.00 (150.70 to 151.70): BE095817.D (-1063) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095861.D

Acq: 27 Mar 2018 4:43

Instrument :

BNA_E

ClientSampleId :

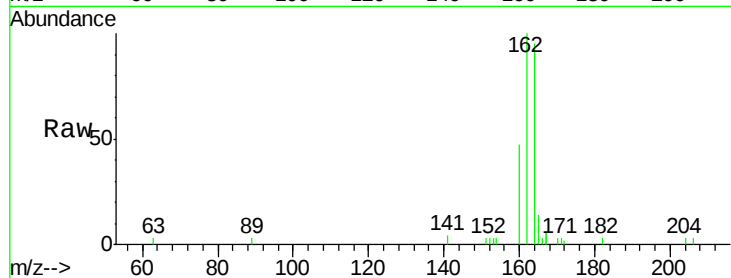
Tot Ion:164 Resp: 2707

Ion Ratio Lower Upper

164 100

162 105.8 83.1 124.7

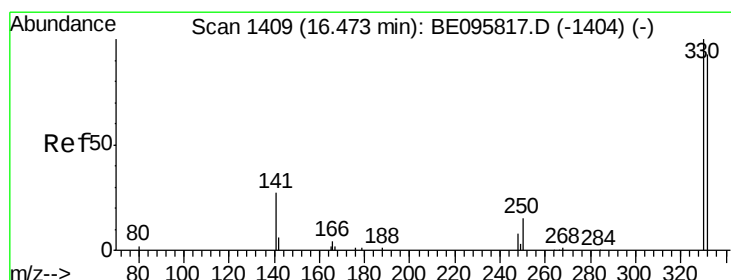
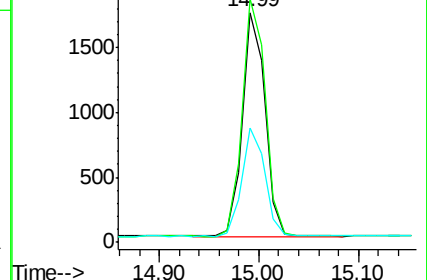
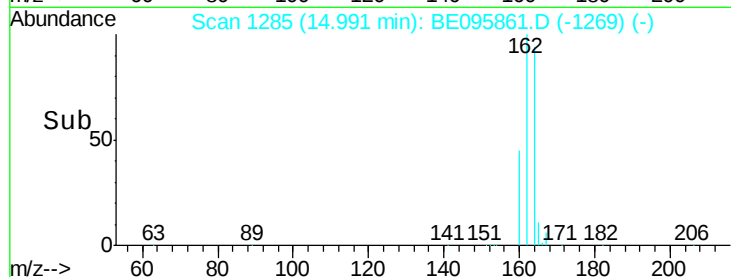
160 49.5 37.1 55.7



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: 0.371 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095861.D

Acq: 27 Mar 2018 4:43

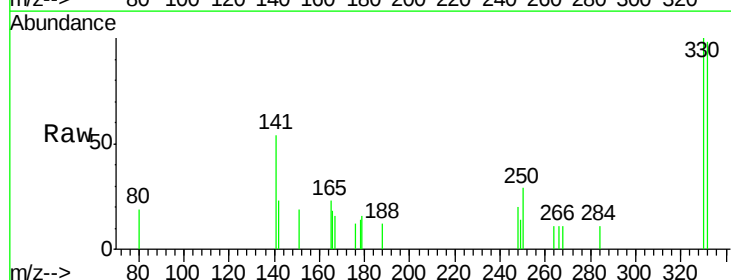
Tgt Ion:330 Resp: 580

Ion Ratio Lower Upper

330 100

332 102.1 152.7 229.1#

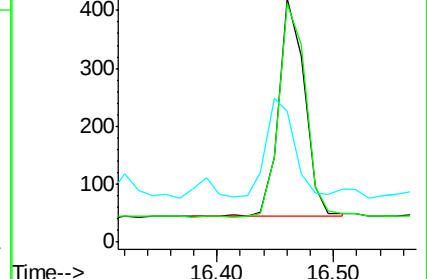
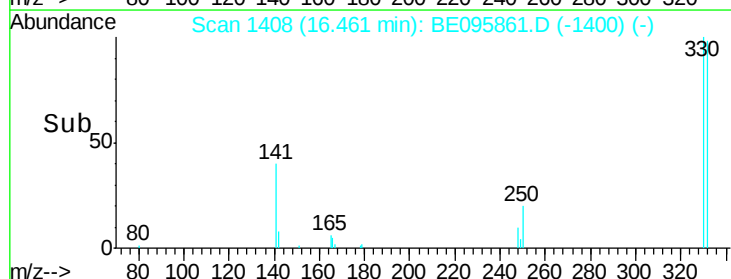
141 50.0 33.7 50.5

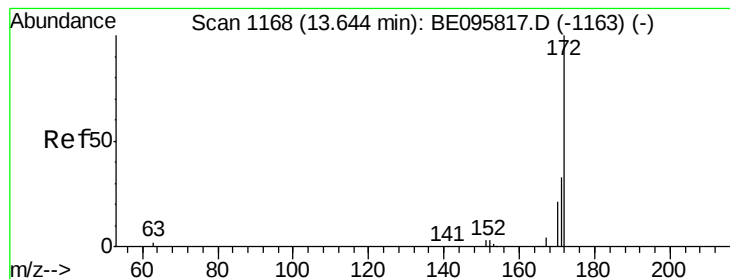


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.597 ng

RT: 13.63 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BE095861.D

Acq: 27 Mar 2018 4:43

Instrument :

BNA_E

ClientSampleId :

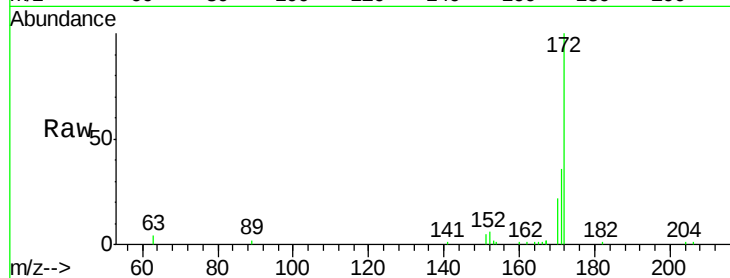
Tot Ion:172 Resp: 6808

Ion Ratio Lower Upper

172 100

171 36.0 29.9 44.9

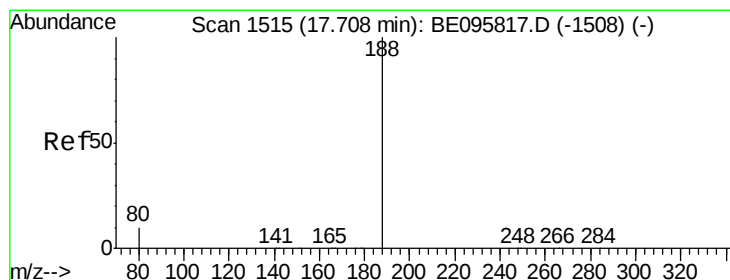
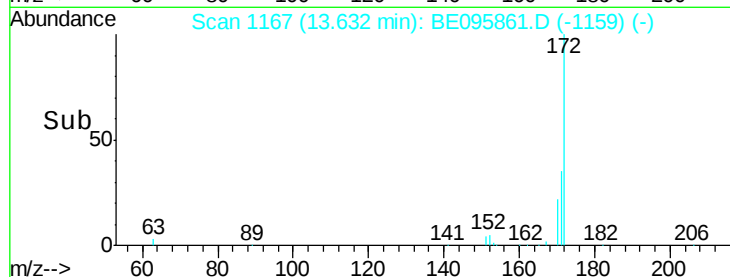
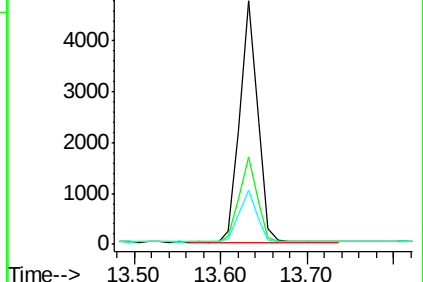
170 22.3 21.8 32.8



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: 17.70 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE095861.D

Acq: 27 Mar 2018 4:43

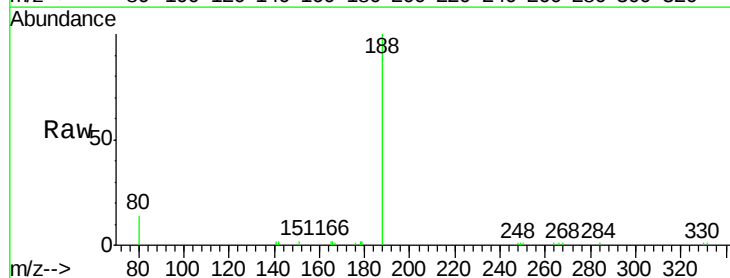
Tgt Ion:188 Resp: 6568

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

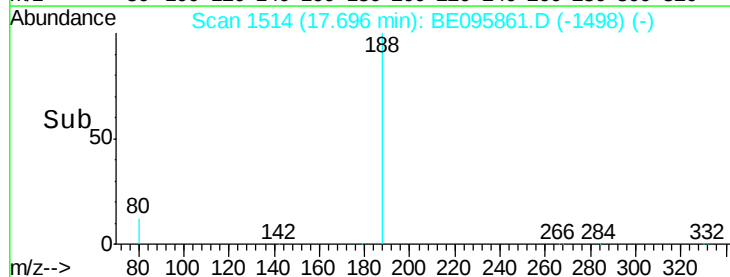
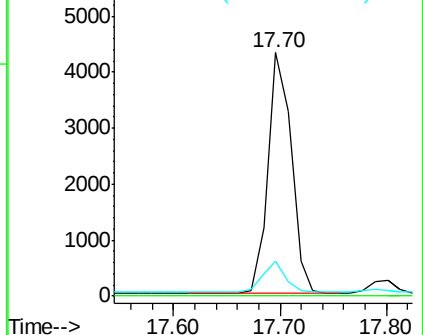
80 14.3 3.6 5.4#

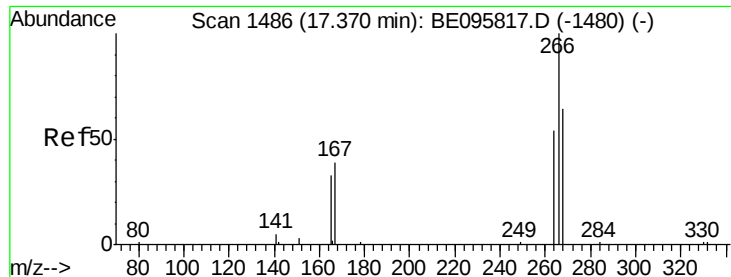


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.154 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095861.D

Acq: 27 Mar 2018 4:43

Instrument :

BNA_E

ClientSampleId :

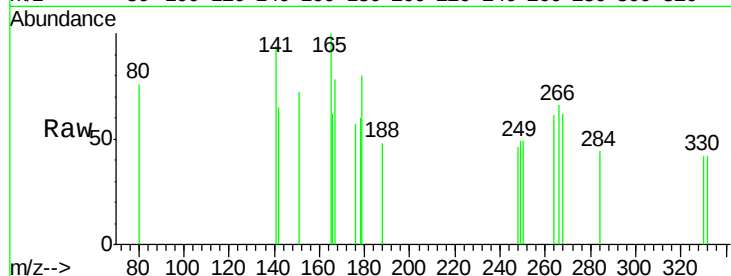
Tot Ion:266 Resp: 34

Ion Ratio Lower Upper

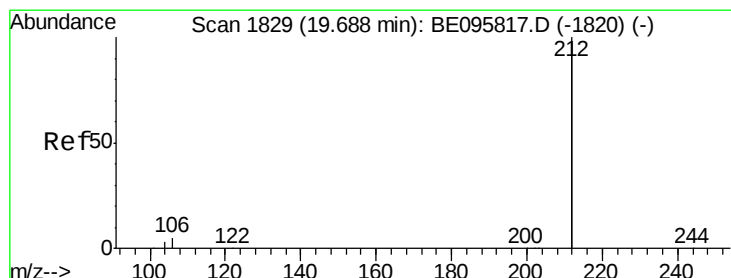
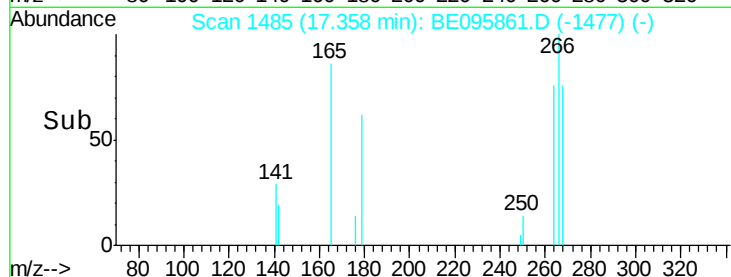
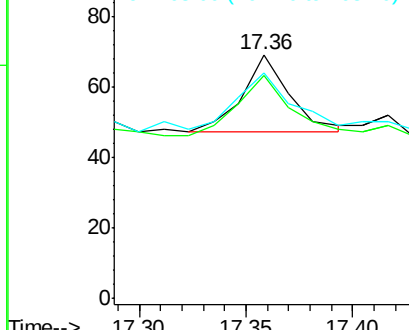
266 100

264 91.3 72.5 108.7

268 92.8 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: 0.368 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095861.D

Acq: 27 Mar 2018 4:43

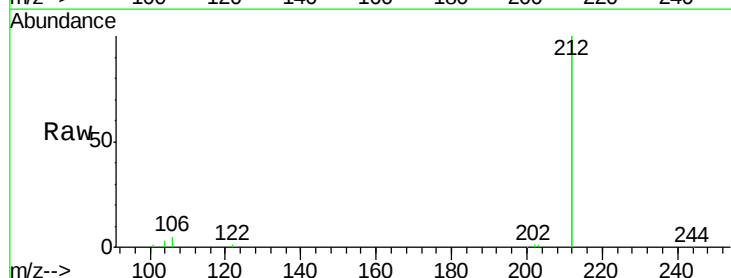
Tgt Ion:212 Resp: 35916

Ion Ratio Lower Upper

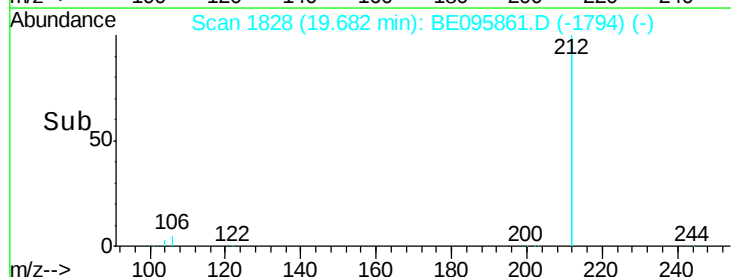
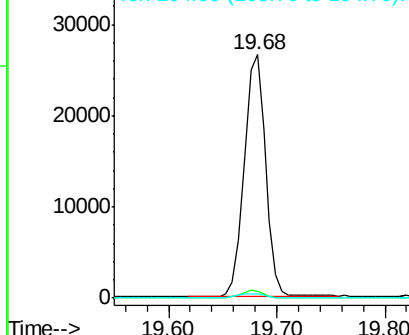
212 100

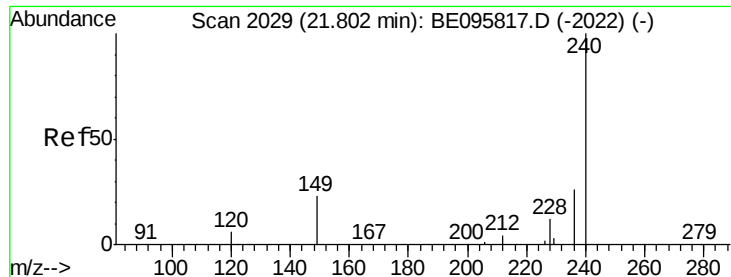
106 2.9 2.8 4.2

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: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095861.D

Acq: 27 Mar 2018 4:43

Instrument :

BNA_E

ClientSampleId :

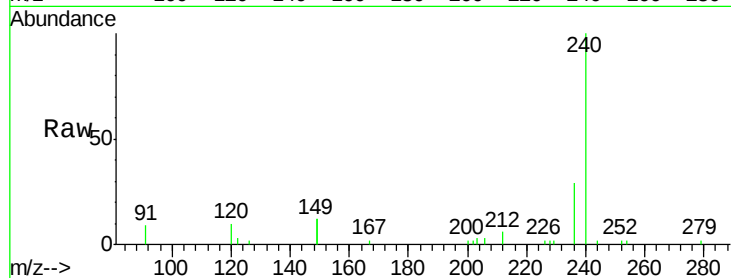
Tot Ion:240 Resp: 7479

Ion Ratio Lower Upper

240 100

120 10.3 5.5 8.3#

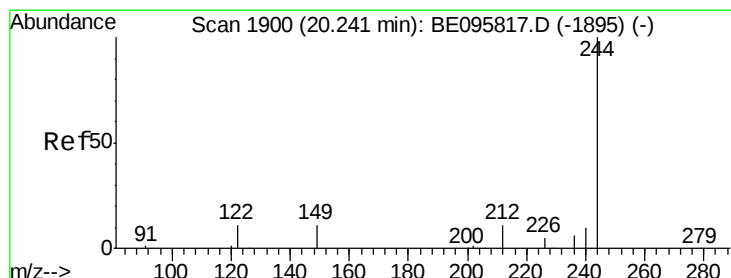
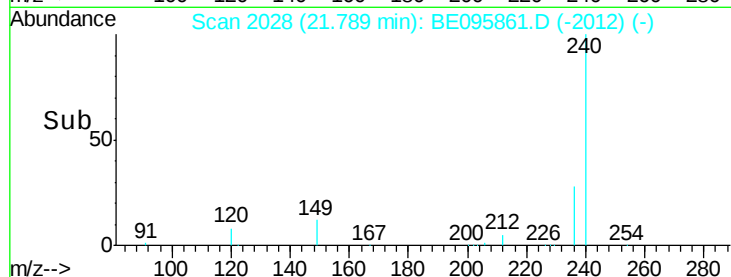
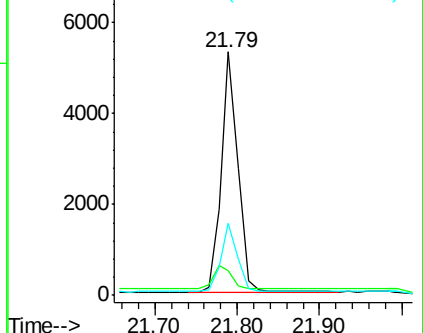
236 29.4 20.7 31.1



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: 0.601 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095861.D

Acq: 27 Mar 2018 4:43

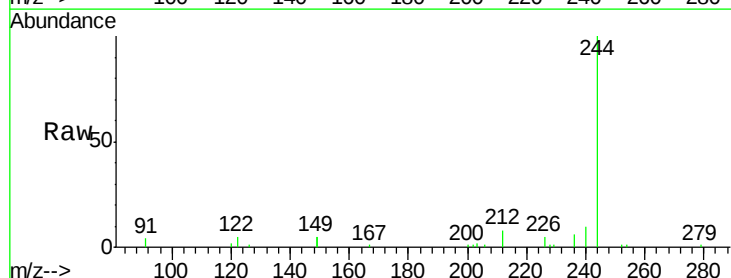
Tgt Ion:244 Resp: 9543

Ion Ratio Lower Upper

244 100

212 7.5 25.4 38.0#

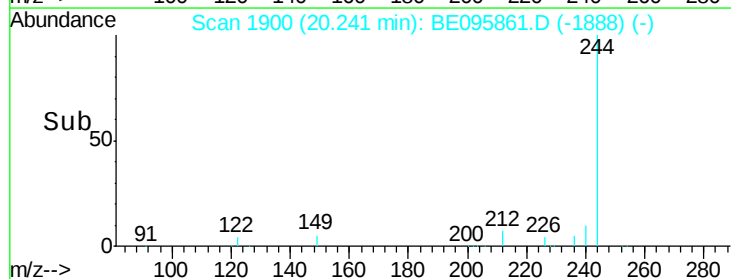
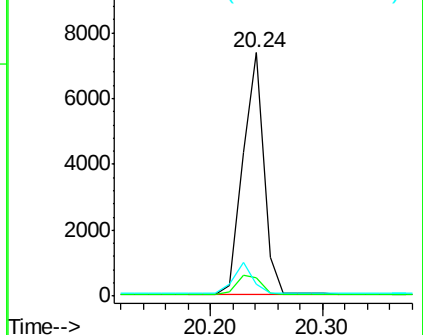
122 5.1 8.1 12.1#

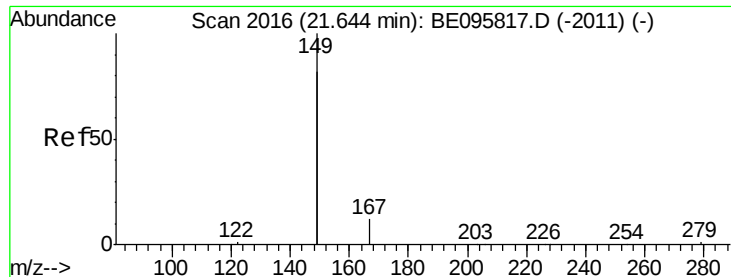


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.057 ng

RT: 21.64 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095861.D

Acq: 27 Mar 2018 4:43

Instrument :

BNA_E

ClientSampled :

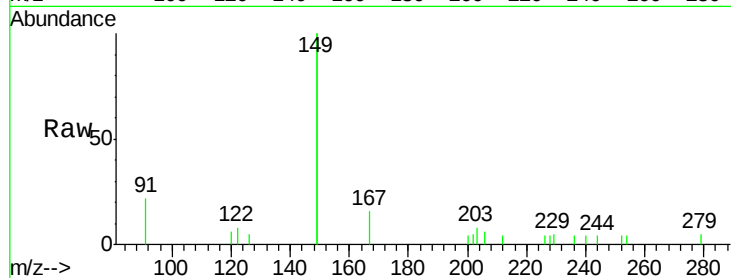
Tot Ion:149 Resp: 4501

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

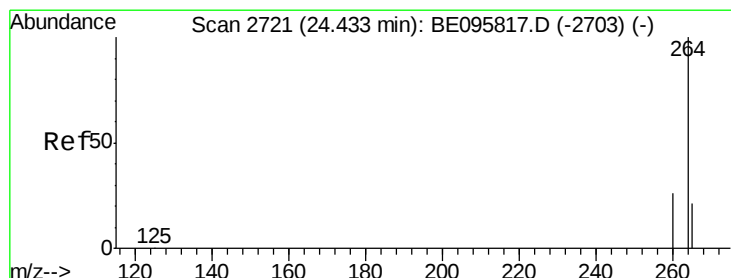
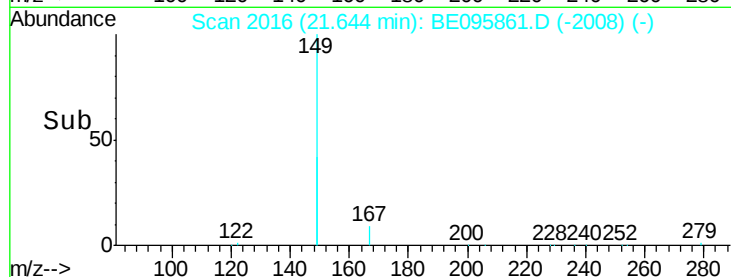
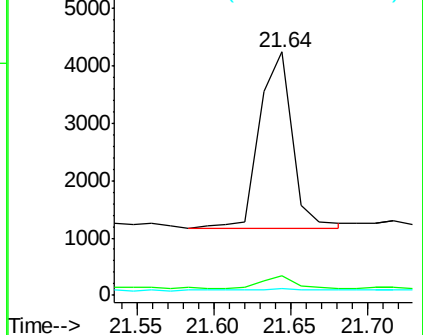
279 1.2 0.7 1.1#



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# 2716

Delta R.T. -0.02 min

Lab File: BE095861.D

Acq: 27 Mar 2018 4:43

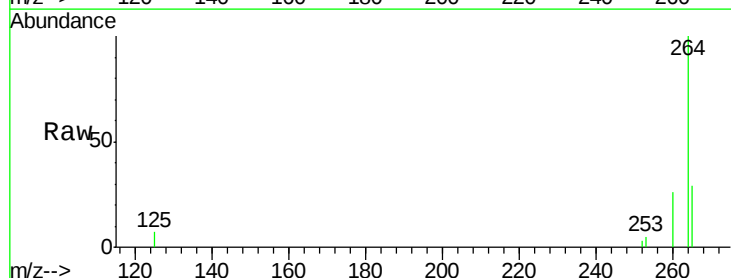
Tgt Ion:264 Resp: 7409

Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

265 28.7 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

