

Data Path : Z:\HPCHEM1\BNA E\Data\BE022318\
 Data File : BE095681.D
 Acq On : 23 Feb 2018 13:55
 Operator : SJ/JU
 Sample : J1627-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-180219

Quant Time: Feb 23 15:56:12 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

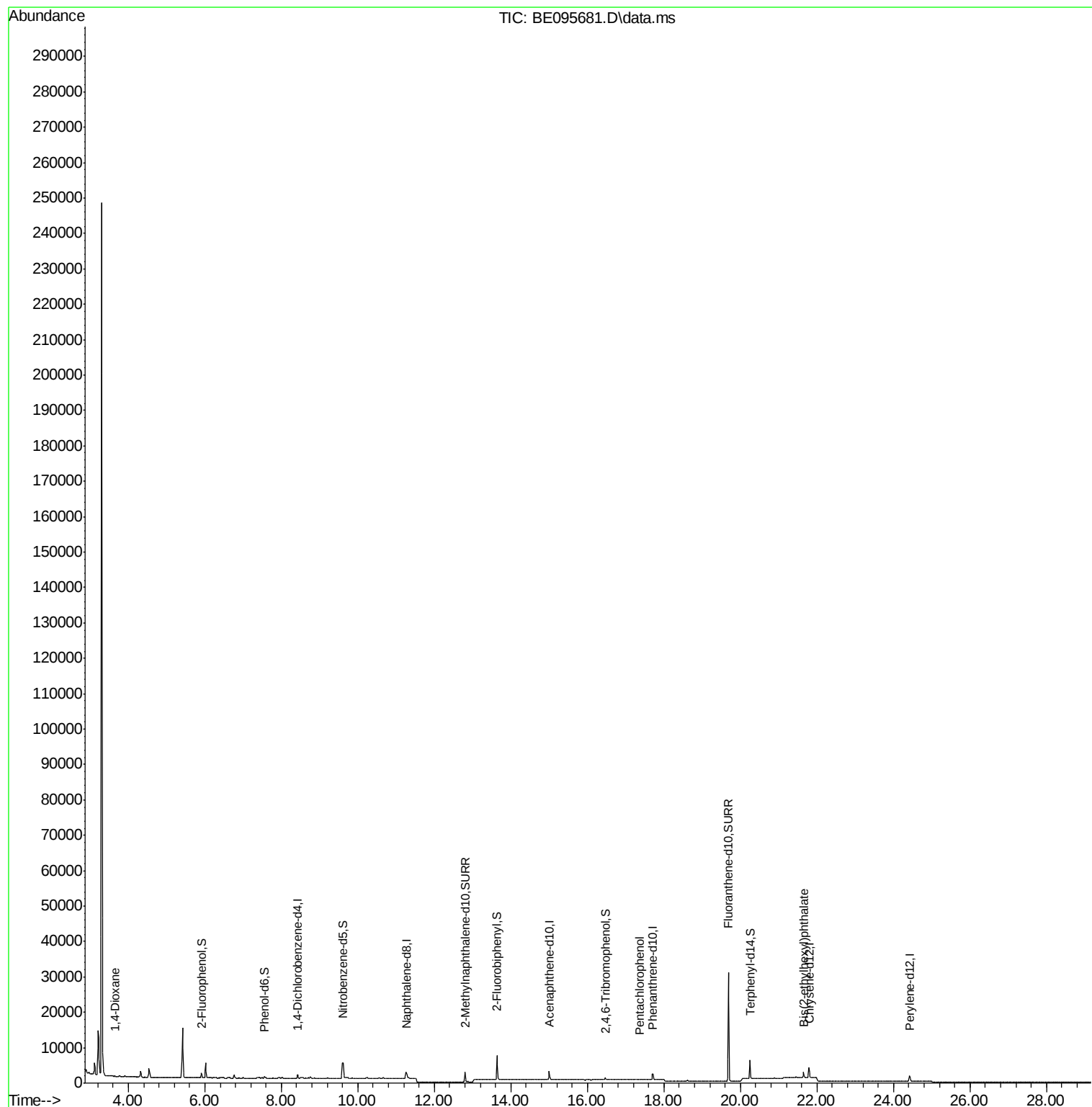
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.434	152	551	0.40	ng	0.00
7) Naphthalene-d8	11.276	136	2154	0.40	ng	0.00
13) Acenaphthene-d10	15.002	164	1277	0.40	ng	0.00
19) Phenanthrene-d10	17.714	188	2956	0.40	ng	0.01
27) Chrysene-d12	21.792	240	3001	0.40	ng	0.00
34) Perylene-d12	24.422	264	2746	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.916	112	636	0.44	ng	0.00
5) Phenol-d6	7.565	99	518	0.26	ng	0.01
8) Nitrobenzene-d5	9.614	82	2105	0.95	ng	0.00
11) 2-Methylnaphthalene-d10	12.805	152	3614	1.00	ng	0.00
14) 2,4,6-Tribromophenol	16.473	330	425	0.81	ng	0.00
15) 2-Fluorobiphenyl	13.639	172	6651	1.17	ng	0.00
25) Fluoranthene-d10	19.686	212	38546	1.00	ng	0.00
29) Terphenyl-d14	20.251	244	6415	1.07	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.650	88	97	0.11	ng	Qvalue # 1
22) Pentachlorophenol	17.356	266	3	0.18	ng	93
32) Bis(2-ethylhexyl)phtha...	21.652	149	2099	0.12	ng	99

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

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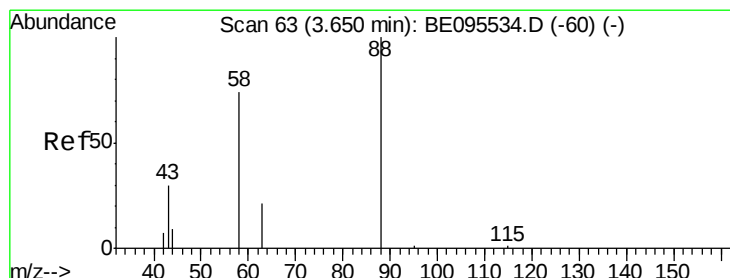
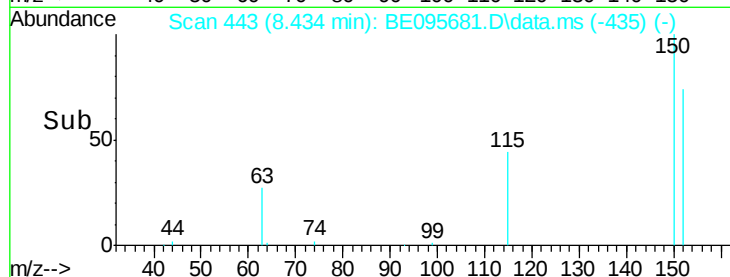
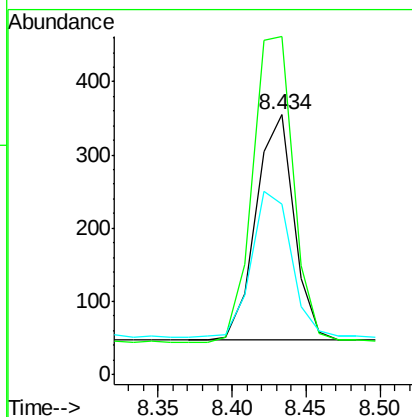
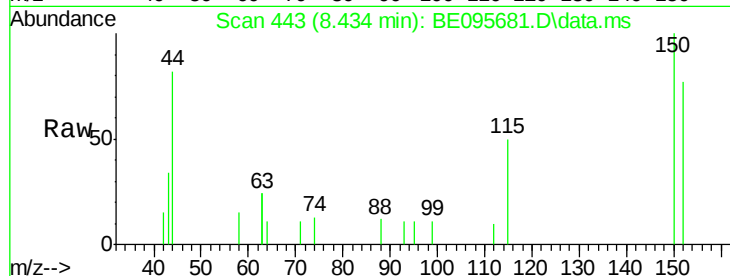




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 8.434 min Scan# 44
 Delta R.T. 0.000 min
 Lab File: BE095681.D
 Acq: 23 Feb 2018 13:55

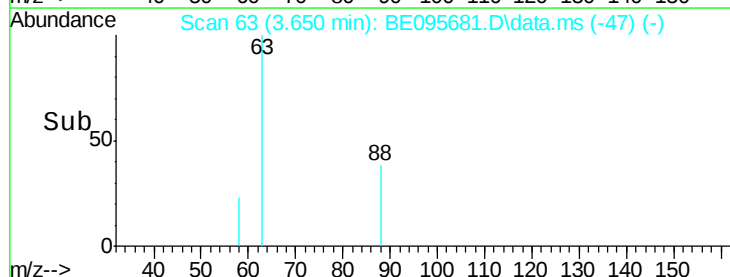
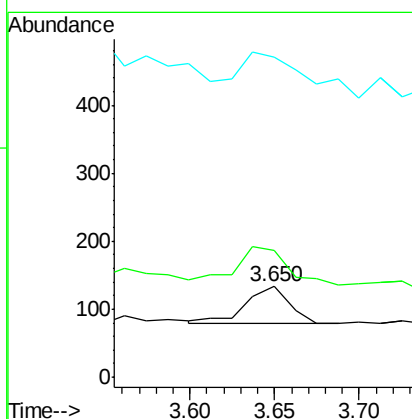
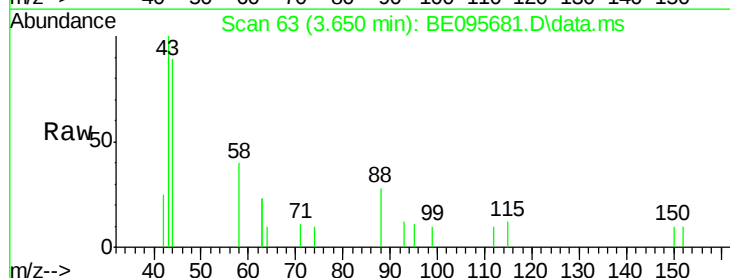
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-180219

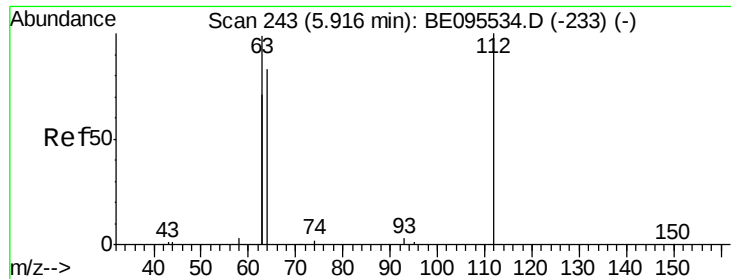
Tot Ion:152 Resp: 551
 Ion Ratio Lower Upper
 152 100
 150 130.1 117.2 175.8
 115 65.6 57.0 85.6



#2
 1,4-Dioxane
 Concen: 0.11 ng
 RT: 3.650 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: BE095681.D
 Acq: 23 Feb 2018 13:55

Tgt Ion: 88 Resp: 97
 Ion Ratio Lower Upper
 88 100
 58 127.8 63.2 94.8#
 43 189.7 41.2 61.8#





#4

2-Fluorophenol

Concen: 0.44 ng

RT: 5.916 min Scan# 24

Delta R.T. 0.000 min

Lab File: BE095681.D

Acq: 23 Feb 2018 13:55

Instrument :

BNA_E

ClientSampleId :

KY038PS036-180219

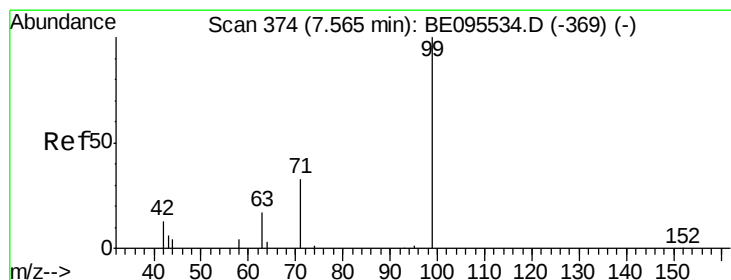
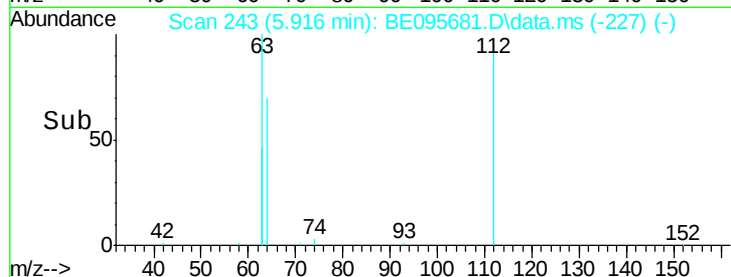
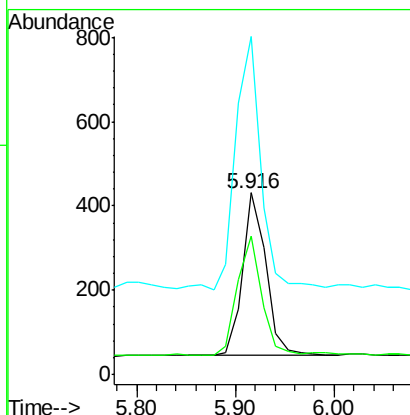
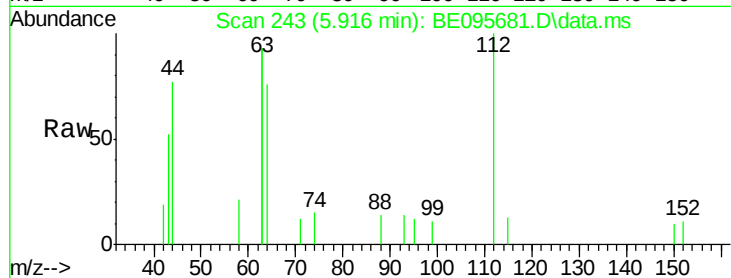
Tot Ion:112 Resp: 636

Ion Ratio Lower Upper

112 100

64 77.2 60.1 90.1

63 163.2 116.8 175.2



#5

Phenol-d6

Concen: 0.26 ng

RT: 7.565 min Scan# 374

Delta R.T. 0.013 min

Lab File: BE095681.D

Acq: 23 Feb 2018 13:55

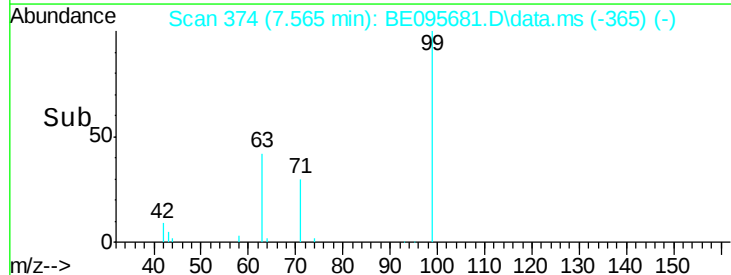
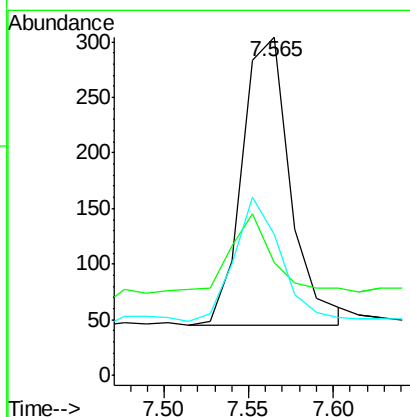
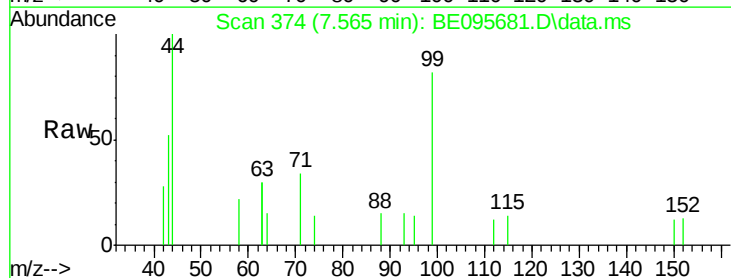
Tgt Ion: 99 Resp: 518

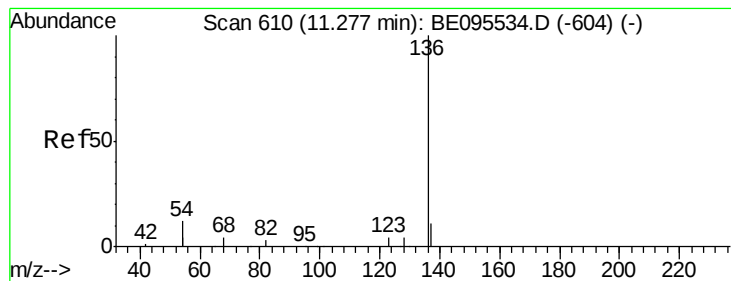
Ion Ratio Lower Upper

99 100

42 23.9 20.2 30.2

71 42.1 28.4 42.6





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.276 min Scan# 61

Delta R.T. 0.000 min

Lab File: BE095681.D

Acq: 23 Feb 2018 13:55

Instrument :

BNA_E

ClientSampleId :

KY038PS036-180219

Tot Ion:136 Resp: 2154

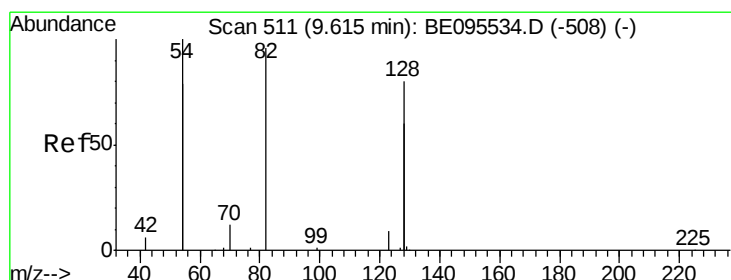
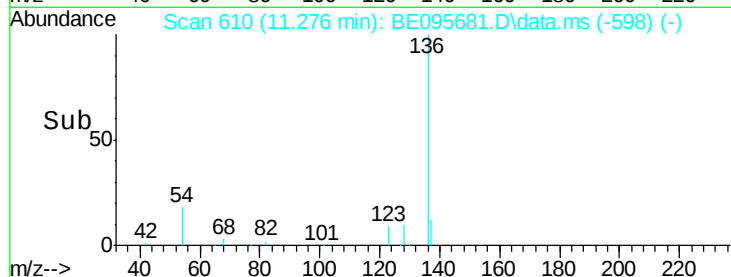
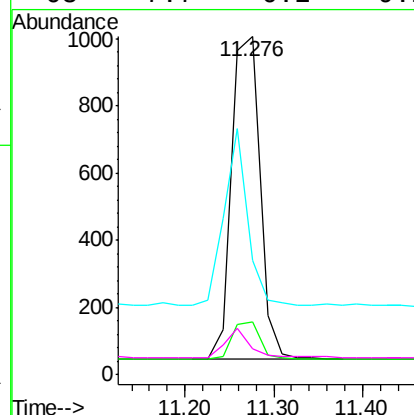
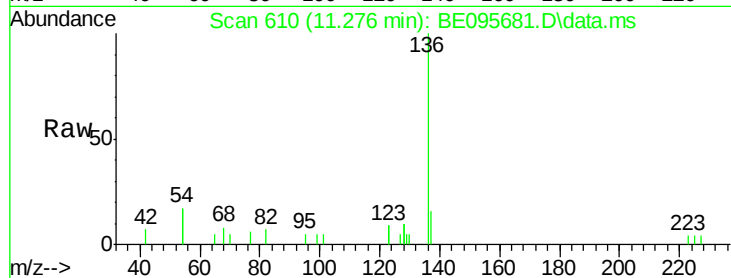
Ion Ratio Lower Upper

136 100

137 15.6 9.5 14.3#

54 33.8 29.1 43.7

68 7.7 6.2 9.2



#8

Nitrobenzene-d5

Concen: 0.95 ng

RT: 9.614 min Scan# 511

Delta R.T. 0.000 min

Lab File: BE095681.D

Acq: 23 Feb 2018 13:55

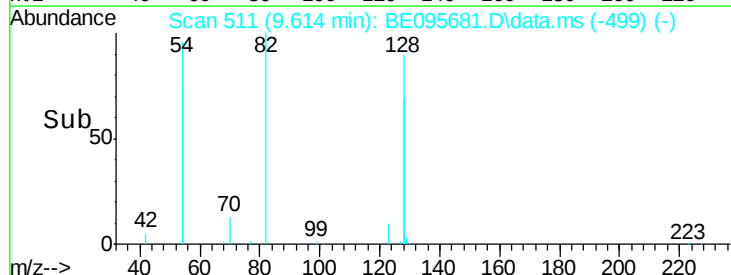
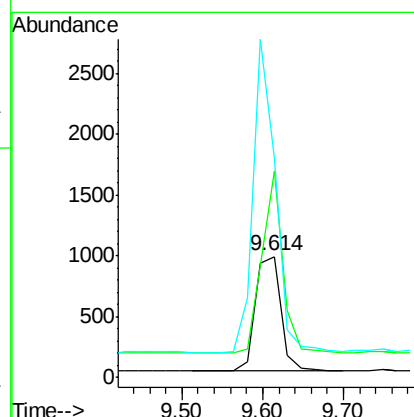
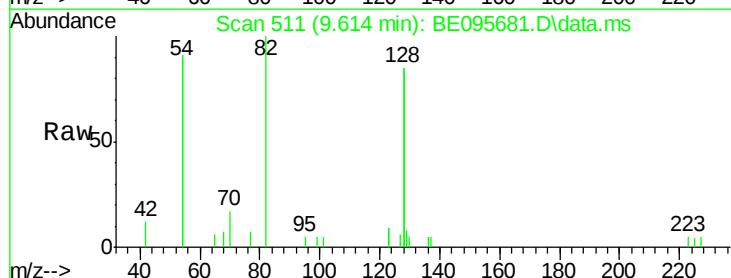
Tgt Ion: 82 Resp: 2105

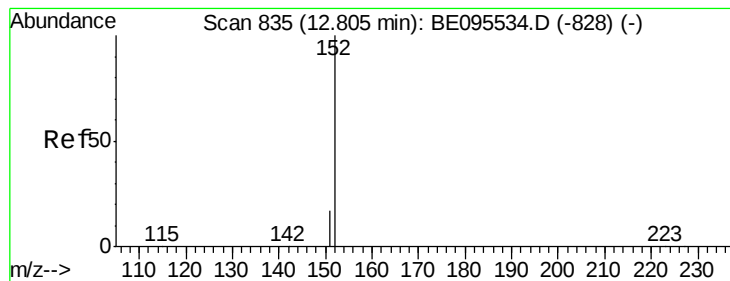
Ion Ratio Lower Upper

82 100

128 170.4 150.0 225.0

54 181.3 154.2 231.4





#11

2-Methylnaphthalene-d10

Concen: 1.00 ng

RT: 12.805 min Scan# 835

Delta R.T. 0.000 min

Lab File: BE095681.D

Acq: 23 Feb 2018 13:55

Instrument :

BNA_E

ClientSampleId :

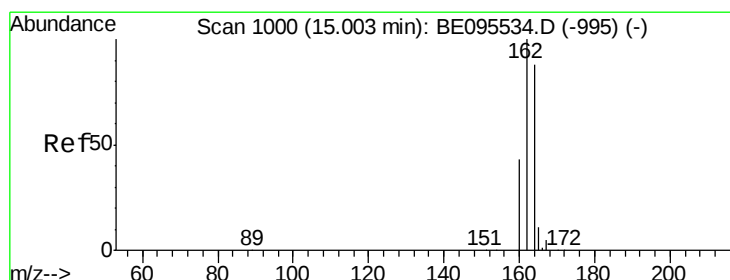
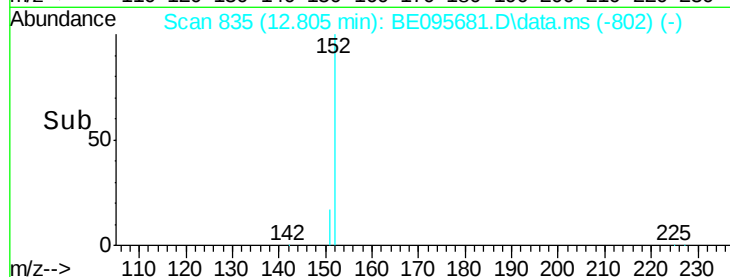
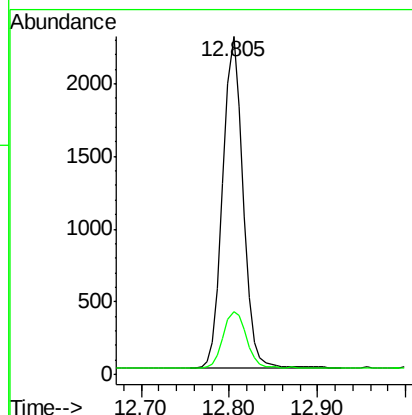
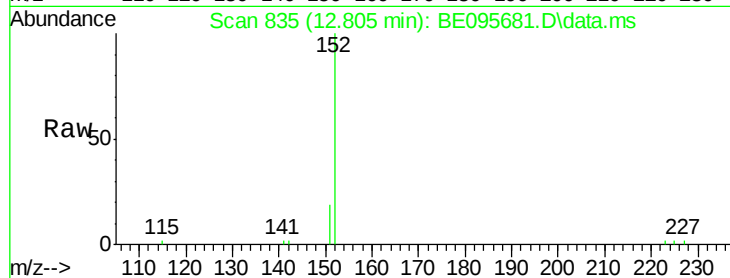
KY038PS036-180219

Tot Ion:152 Resp: 3614

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.0



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.002 min Scan# 1000

Delta R.T. 0.000 min

Lab File: BE095681.D

Acq: 23 Feb 2018 13:55

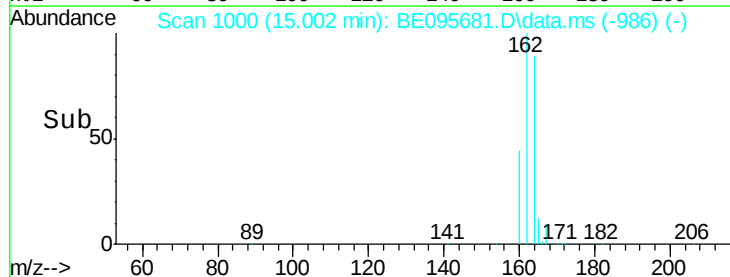
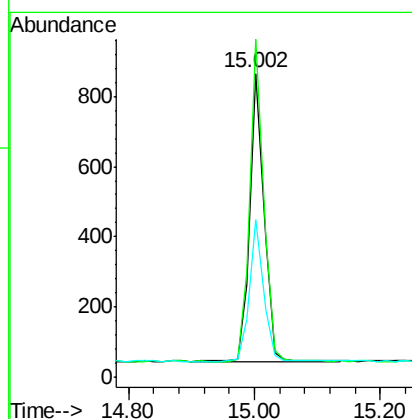
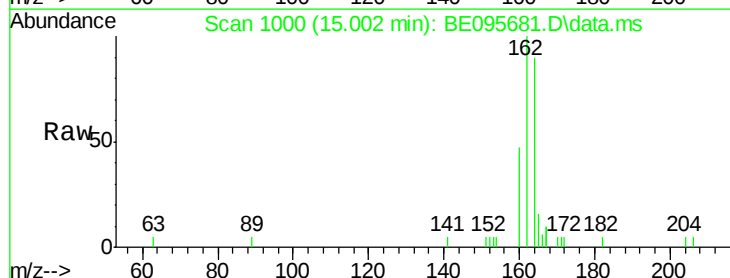
Tgt Ion:164 Resp: 1277

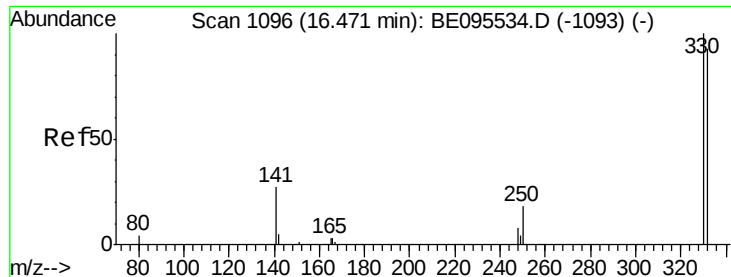
Ion Ratio Lower Upper

164 100

162 111.3 83.1 124.7

160 52.0 37.1 55.7

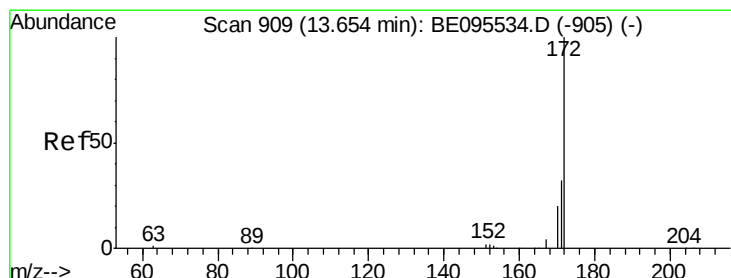
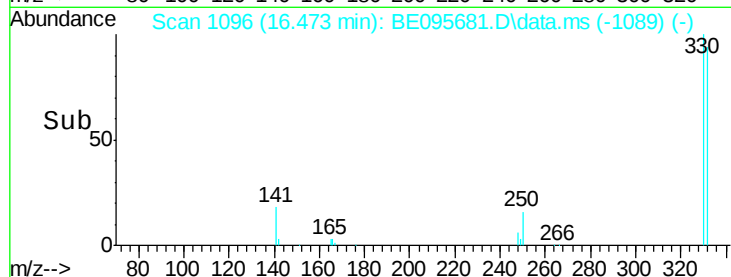
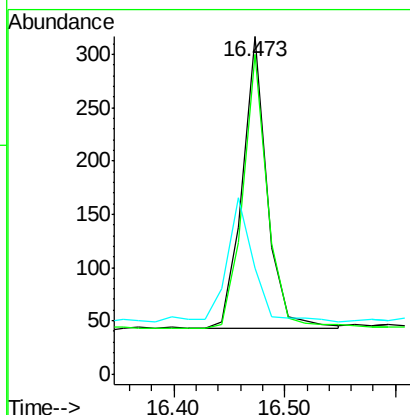
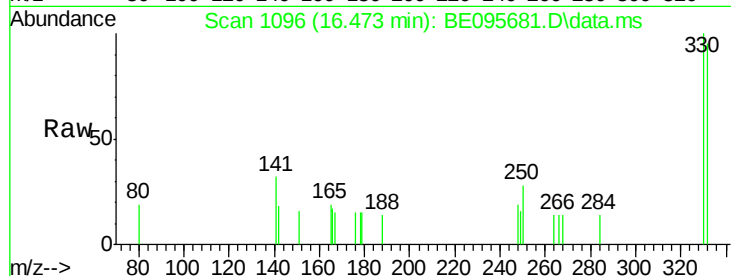




#14
 2,4,6-Tribromophenol
 Concen: 0.81 ng
 RT: 16.473 min Scan# 1096
 Delta R.T. 0.000 min
 Lab File: BE095681.D
 Acq: 23 Feb 2018 13:55

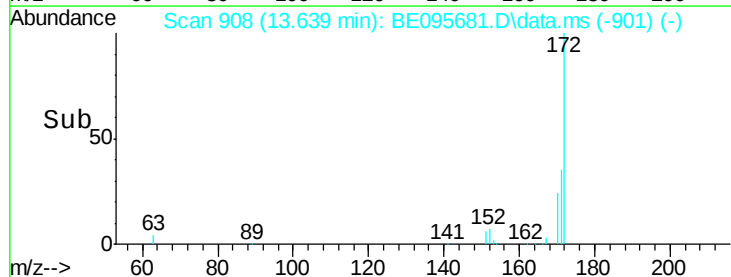
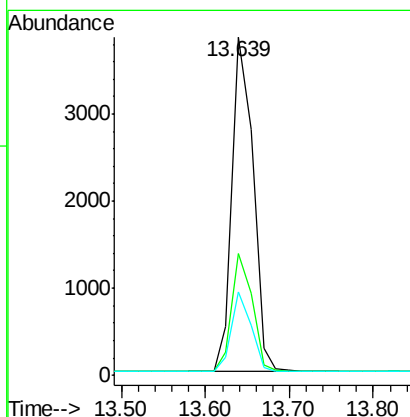
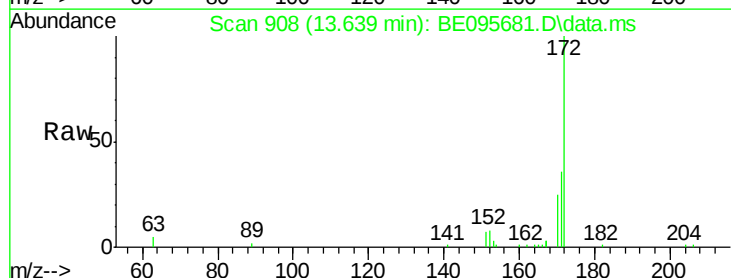
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-180219

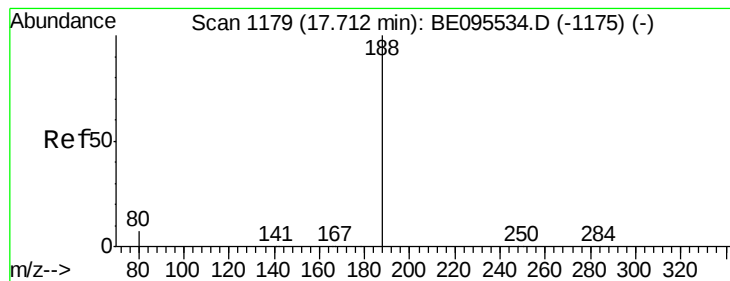
Tot Ion:330 Resp: 425
 Ion Ratio Lower Upper
 330 100
 332 93.9 152.7 229.1#
 141 45.2 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 1.17 ng
 RT: 13.639 min Scan# 908
 Delta R.T. 0.000 min
 Lab File: BE095681.D
 Acq: 23 Feb 2018 13:55

Tgt Ion:172 Resp: 6651
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.9 44.9
 170 24.7 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.714 min Scan# 1179

Delta R.T. 0.015 min

Lab File: BE095681.D

Acq: 23 Feb 2018 13:55

Instrument :

BNA_E

ClientSampleId :

KY038PS036-180219

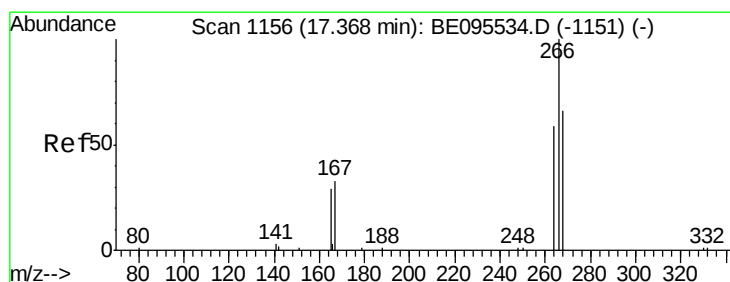
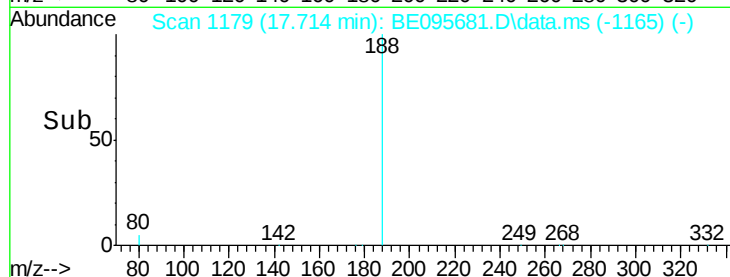
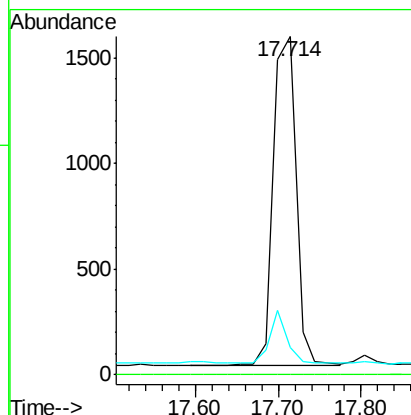
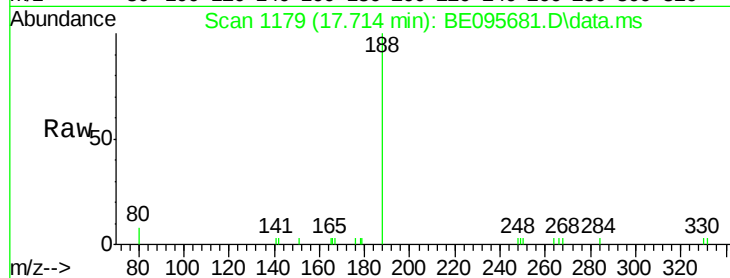
Tot Ion:188 Resp: 2956

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 8.1 3.6 5.4#



#22

Pentachlorophenol

Concen: 0.18 ng

RT: 17.356 min Scan# 1155

Delta R.T. -0.014 min

Lab File: BE095681.D

Acq: 23 Feb 2018 13:55

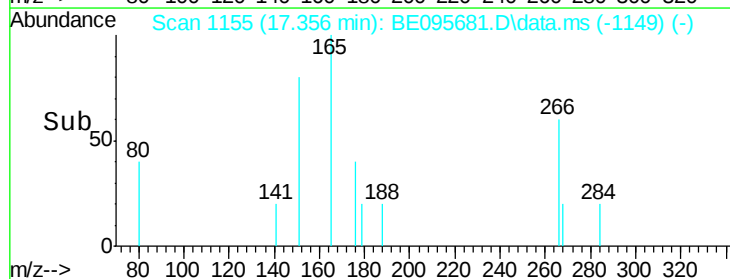
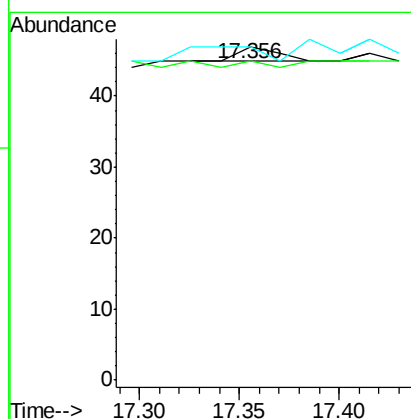
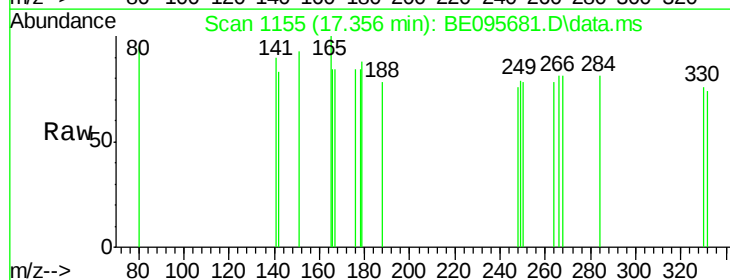
Tgt Ion:266 Resp: 3

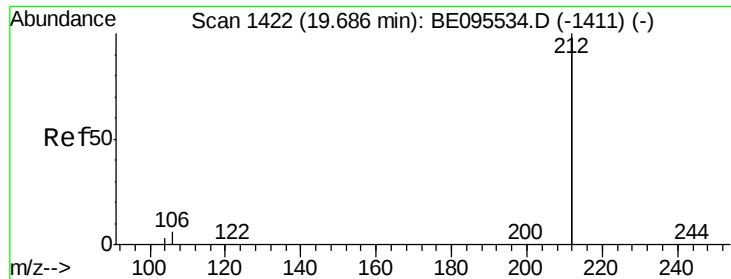
Ion Ratio Lower Upper

266 100

264 95.7 72.5 108.7

268 100.0 73.8 110.6





#25

Fluoranthene-d10

Concen: 1.00 ng

RT: 19.686 min Scan# 14

Delta R.T. -0.000 min

Lab File: BE095681.D

Acq: 23 Feb 2018 13:55

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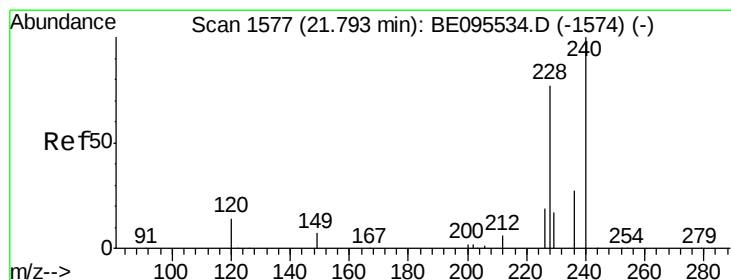
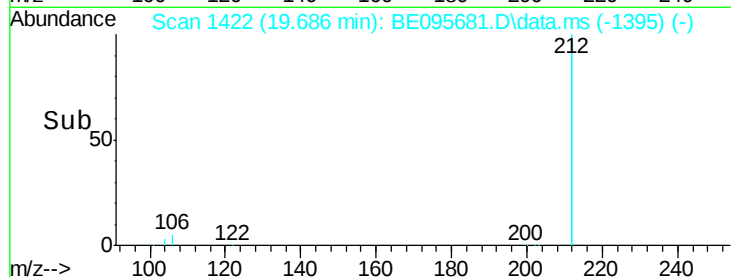
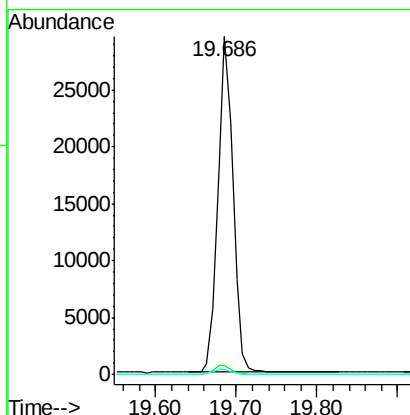
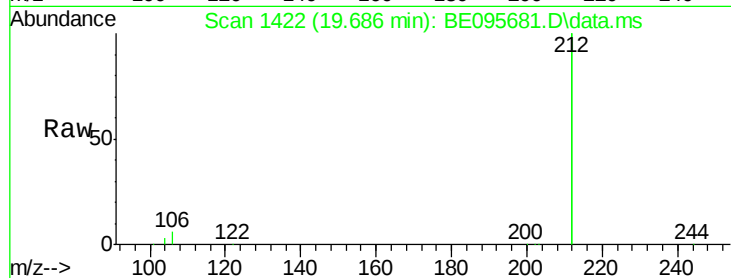
Tot Ion:212 Resp: 38546

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

104 1.6 1.6 2.4



#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.792 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BE095681.D

Acq: 23 Feb 2018 13:55

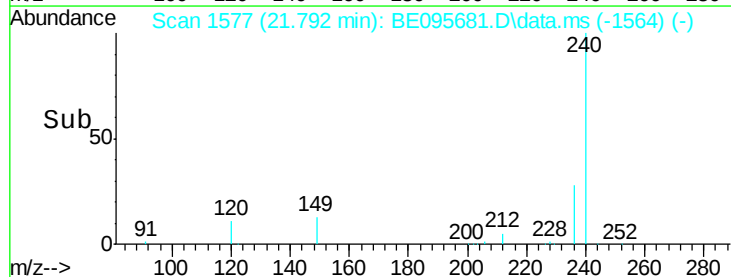
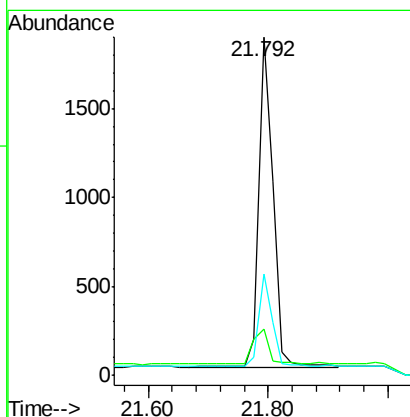
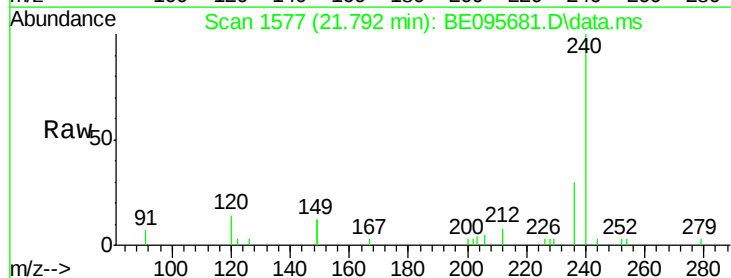
Tgt Ion:240 Resp: 3001

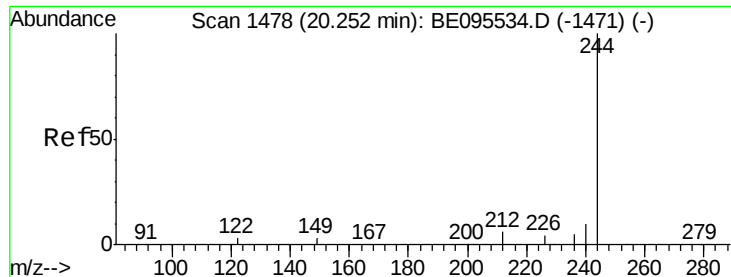
Ion Ratio Lower Upper

240 100

120 13.6 5.5 8.3#

236 30.0 20.7 31.1





#29

Terphenyl-d14

Concen: 1.07 ng

RT: 20.251 min Scan# 1478

Delta R.T. -0.000 min

Lab File: BE095681.D

Acq: 23 Feb 2018 13:55

Instrument :

BNA_E

ClientSampleId :

KY038PS036-180219

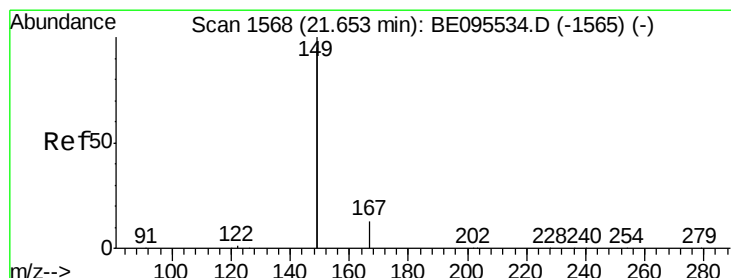
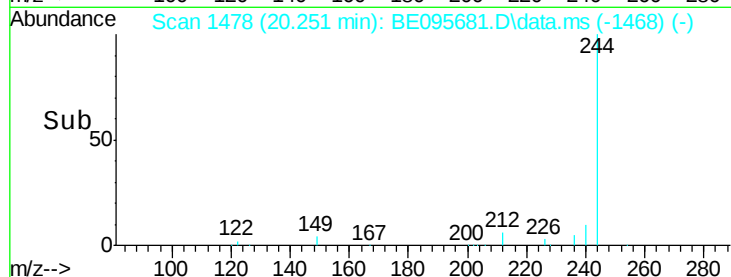
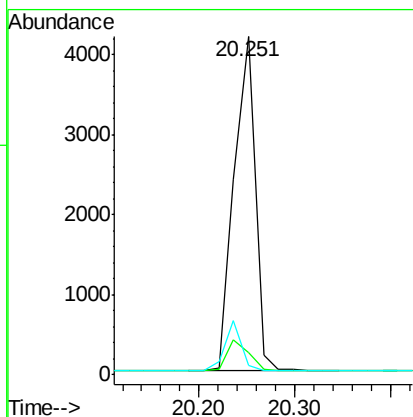
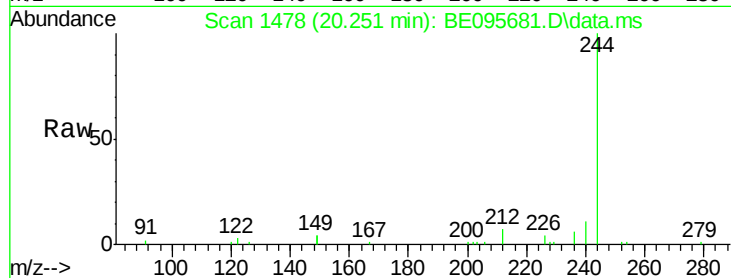
Tot Ion:244 Resp: 6415

Ion Ratio Lower Upper

244 100

212 6.6 25.4 38.0#

122 2.8 8.1 12.1#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.12 ng

RT: 21.652 min Scan# 1568

Delta R.T. -0.000 min

Lab File: BE095681.D

Acq: 23 Feb 2018 13:55

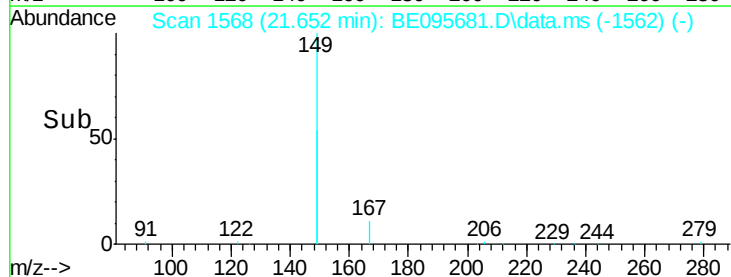
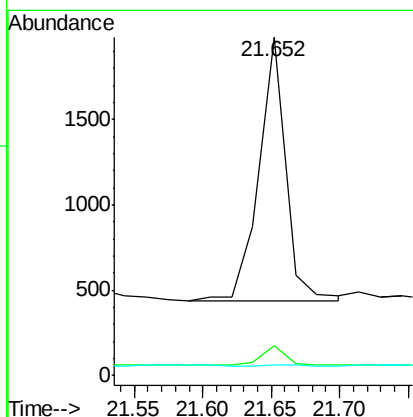
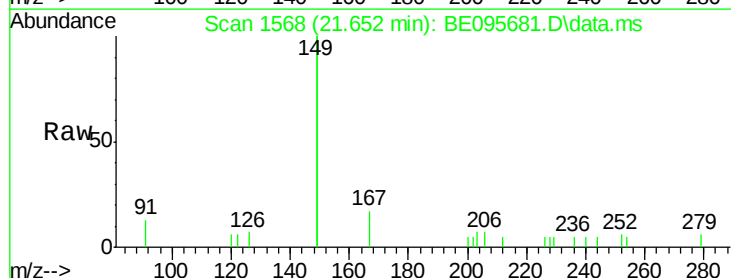
Tgt Ion:149 Resp: 2099

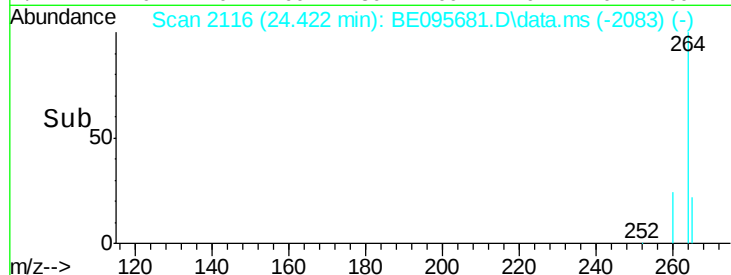
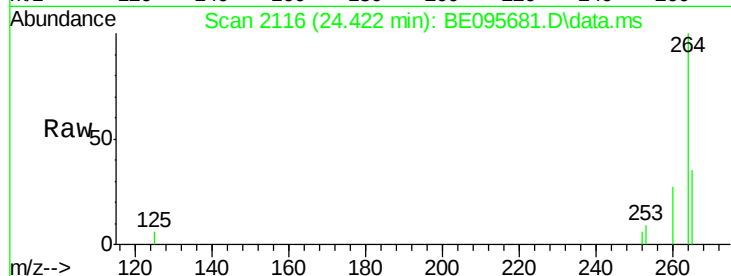
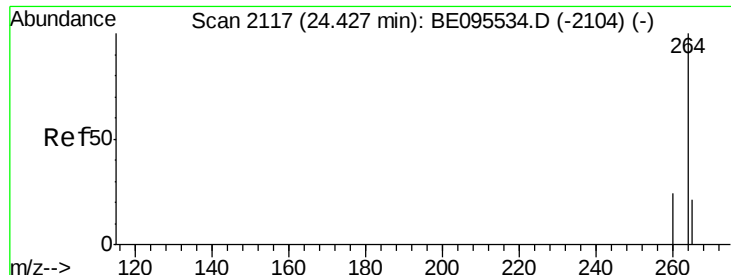
Ion Ratio Lower Upper

149 100

167 6.2 5.4 8.0

279 0.8 0.7 1.1





#34

Pervlene-d12

Concen: 0.40 ng

RT: 24.422 min Scan# 211

Delta R.T. 0.000 min

Lab File: BE095681.D

Acq: 23 Feb 2018 13:55

Instrument :

BNA_E

ClientSampleId :

KY038PS036-180219

Tot Ion:264 Resp: 2746

Ion Ratio Lower Upper

264 100

260 27.3 20.5 30.7

265 35.1 22.8 34.2#

