

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041218\
 Data File : BE095985.D
 Acq On : 12 Apr 2018 10:26
 Operator : SJ/JU
 Sample : J2215-01DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 12 13:55:39 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 13:55:20 2018
 Response via : Initial Calibration

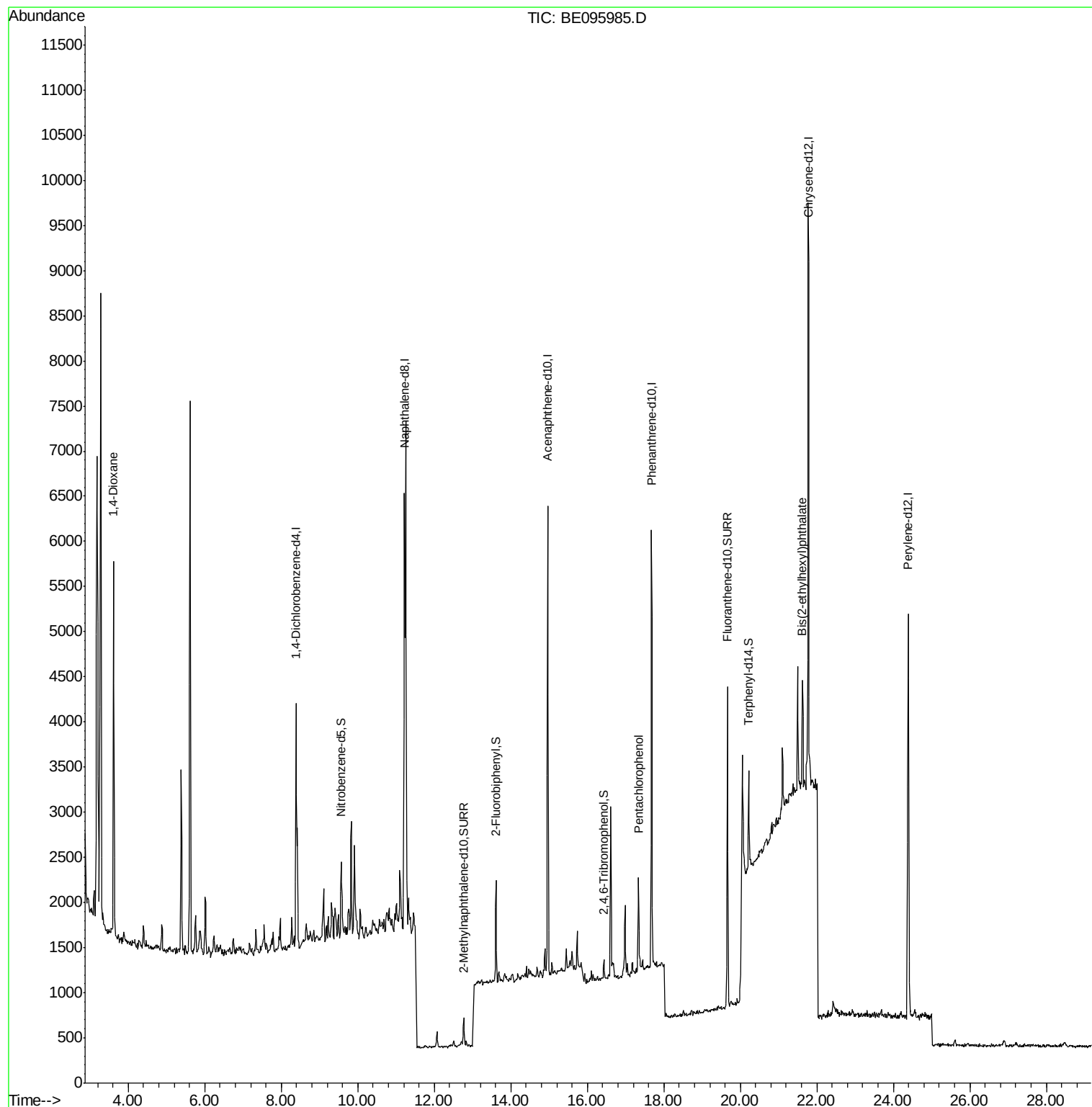
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1290	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	5051	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2916	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	6804	0.40	ng	0.00
27) Chrysene-d12	21.78	240	7492	0.40	ng	0.00
34) Perylene-d12	24.39	264	6964	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	71	0.02	ng	0.00
5) Phenol-d6	7.54	99	73	0.01	ng	0.00
8) Nitrobenzene-d5	9.57	82	343	0.06	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	394	0.05	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	81	0.06	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	990	0.08	ng	0.00
25) Fluoranthene-d10	19.66	212	4419	0.05	ng	0.00
29) Terphenyl-d14	20.22	244	967	0.06	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.61	88	2570	1.290	ng	90
22) Pentachlorophenol	17.33	266	571	0.443	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.62	149	1620	0.026	ng	# 95

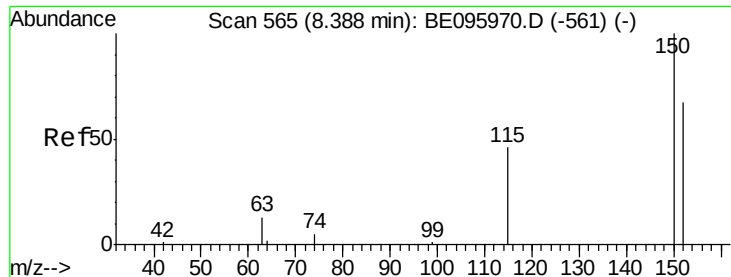
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
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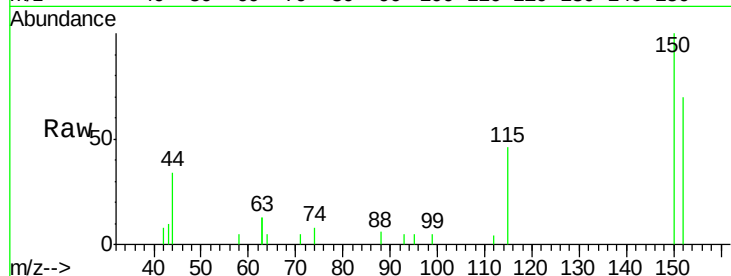


#1

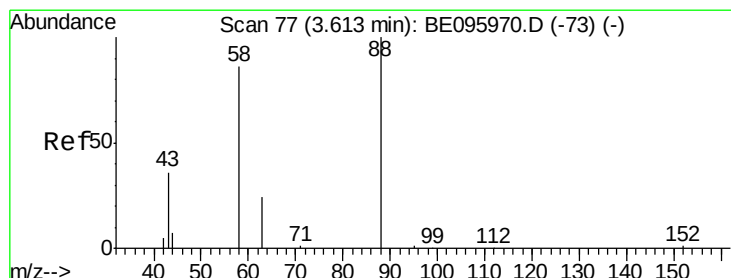
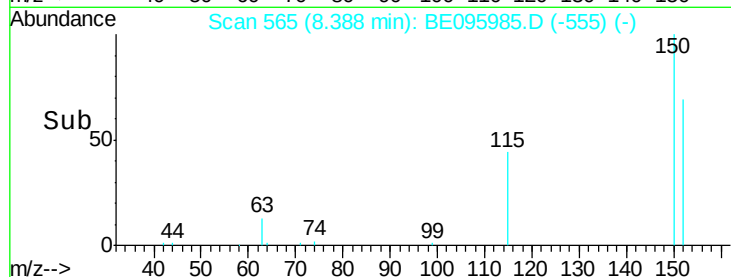
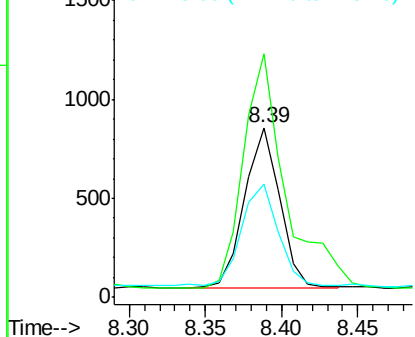
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. -0.00 min
Lab File: BE095985.D
Acq: 12 Apr 2018 10:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1290
Ion Ratio Lower Upper
152 100
150 143.4 117.2 175.8
115 66.6 57.0 85.6



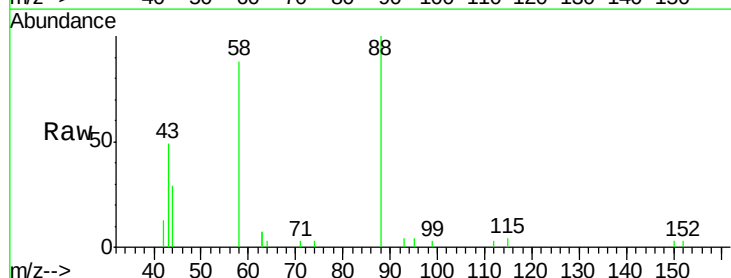
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



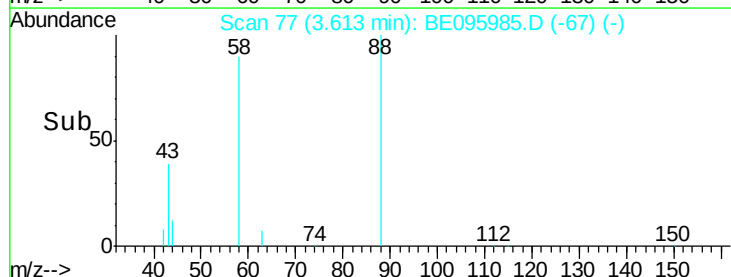
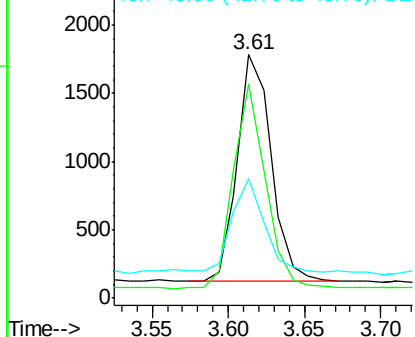
#2

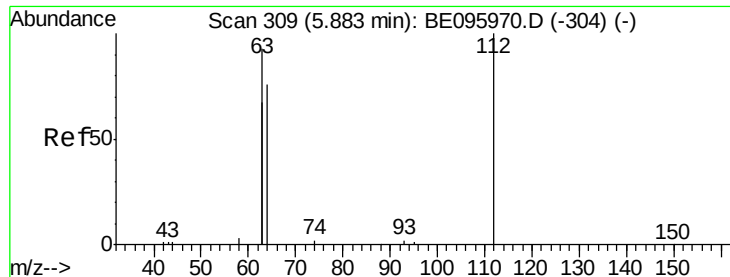
1,4-Dioxane
Concen: 1.290 ng
RT: 3.61 min Scan# 77
Delta R.T. -0.00 min
Lab File: BE095985.D
Acq: 12 Apr 2018 10:26

Tgt Ion: 88 Resp: 2570
Ion Ratio Lower Upper
88 100
58 85.1 63.2 94.8
43 42.0 41.2 61.8



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.018 ng

RT: 5.88 min Scan# 309

Delta R.T. -0.00 min

Lab File: BE095985.D

Acq: 12 Apr 2018 10:26

Instrument :

BNA_E

ClientSampleId :

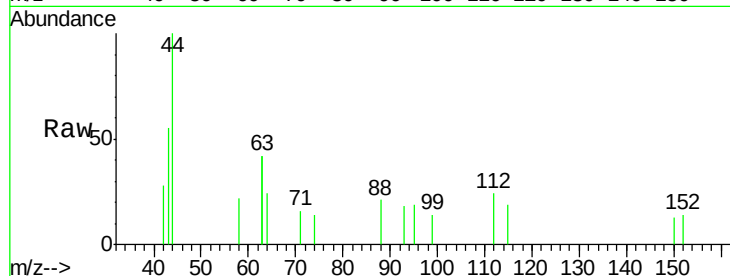
Tot Ion: 112 Resp: 71

Ion Ratio Lower Upper

112 100

64 102.8 60.1 90.1#

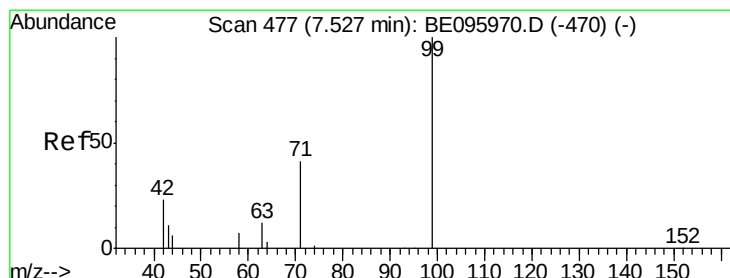
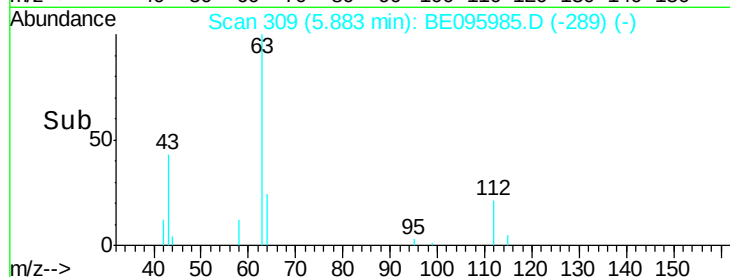
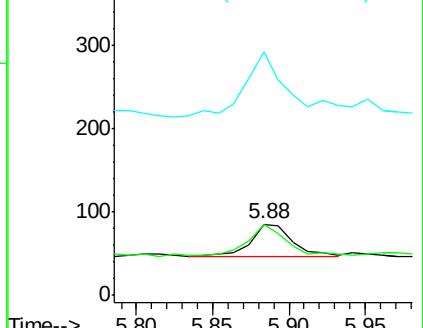
63 247.9 116.8 175.2#



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: 0.013 ng

RT: 7.54 min Scan# 478

Delta R.T. 0.01 min

Lab File: BE095985.D

Acq: 12 Apr 2018 10:26

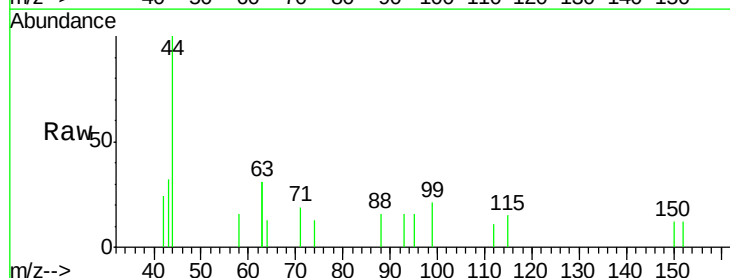
Tgt Ion: 99 Resp: 73

Ion Ratio Lower Upper

99 100

42 105.5 20.2 30.2#

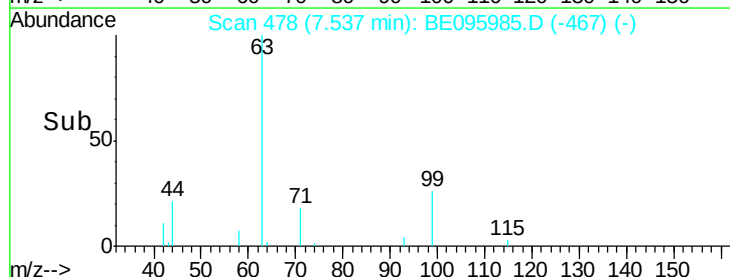
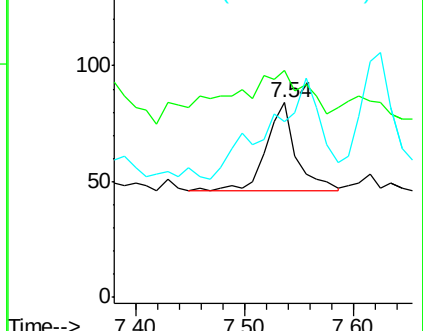
71 200.0 28.4 42.6#

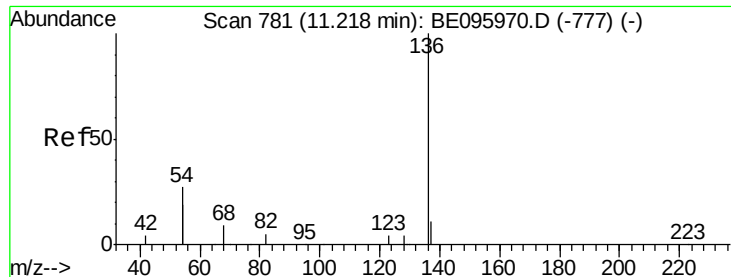


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE095985.D

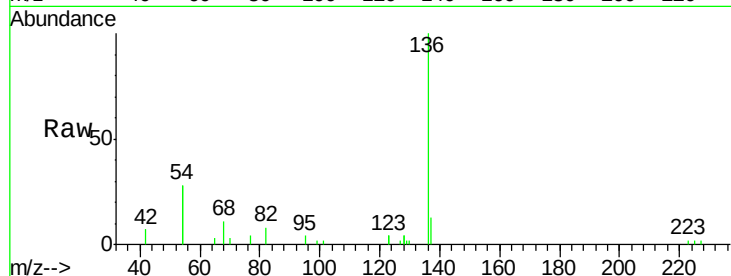
Acq: 12 Apr 2018 10:26

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	5051
Ion	Ratio	Lower Upper
136	100	
137	12.7	9.5 14.3
54	55.8	29.1 43.7#
68	11.2	6.2 9.2#



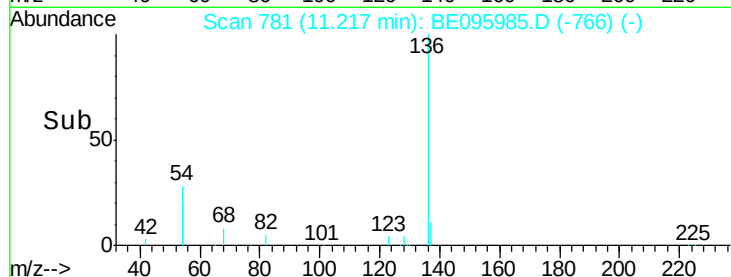
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

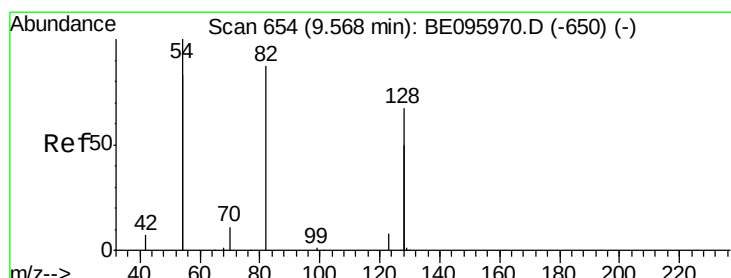
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.058 ng

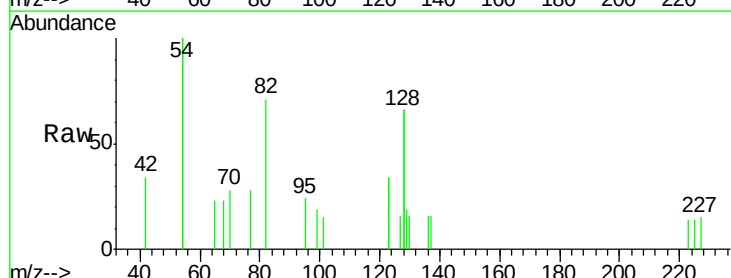
RT: 9.57 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE095985.D

Acq: 12 Apr 2018 10:26

Tgt Ion: 82	Resp:	343
Ion	Ratio	Lower Upper
82	100	
128	184.6	150.0 225.0
54	281.4	154.2 231.4#

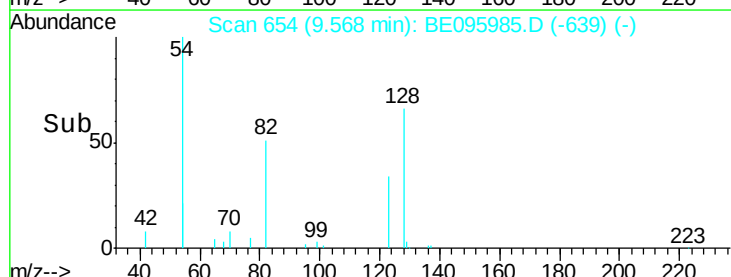


Abundance Ion 82.00 (81.70 to 82.70): BE0

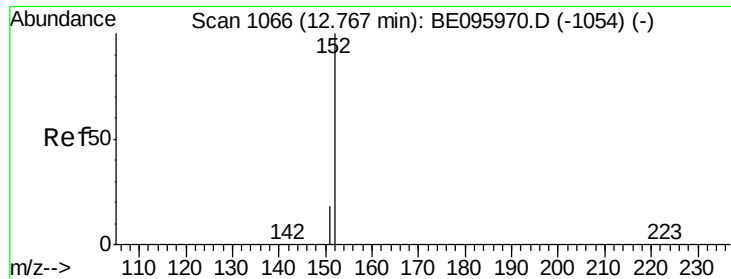
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.049 ng

RT: 12.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE095985.D

Acq: 12 Apr 2018 10:26

Instrument :

BNA_E

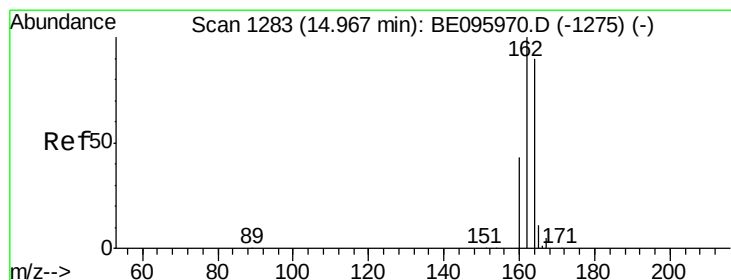
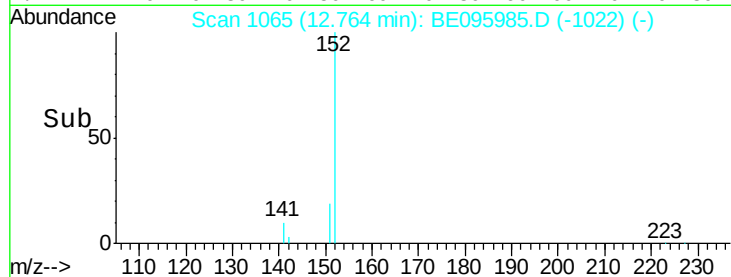
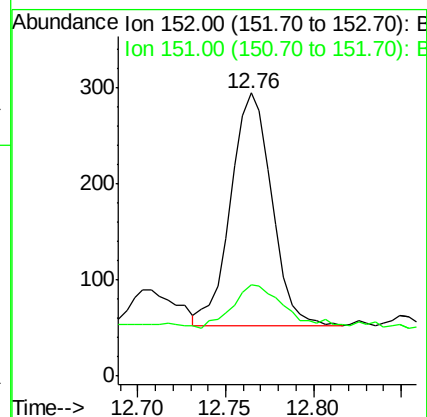
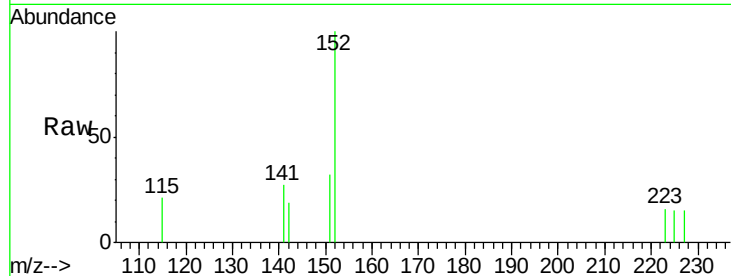
ClientSampleId :

Tot Ion:152 Resp: 394

Ion Ratio Lower Upper

152 100

151 23.4 15.4 23.0#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.97 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BE095985.D

Acq: 12 Apr 2018 10:26

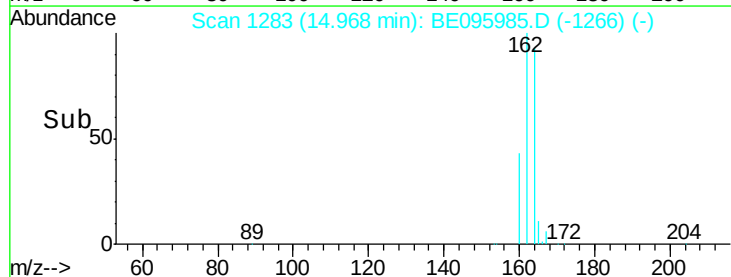
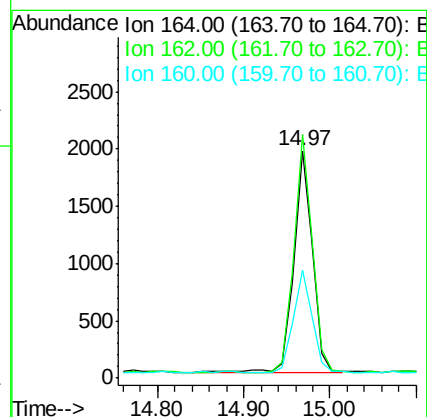
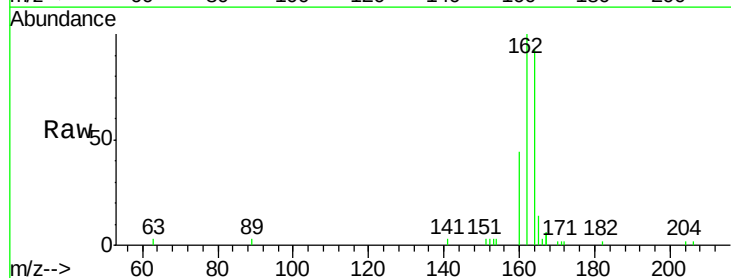
Tgt Ion:164 Resp: 2916

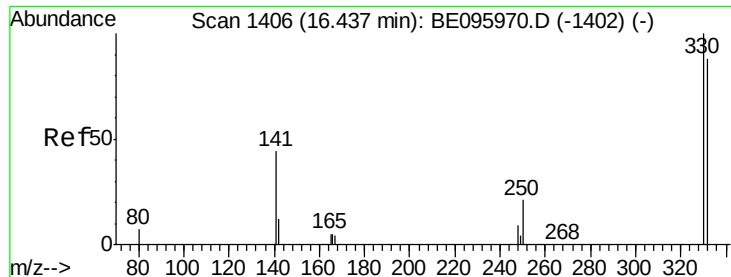
Ion Ratio Lower Upper

164 100

162 107.0 83.1 124.7

160 47.3 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.058 ng

RT: 16.44 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BE095985.D

Acq: 12 Apr 2018 10:26

Instrument :

BNA_E

ClientSampled :

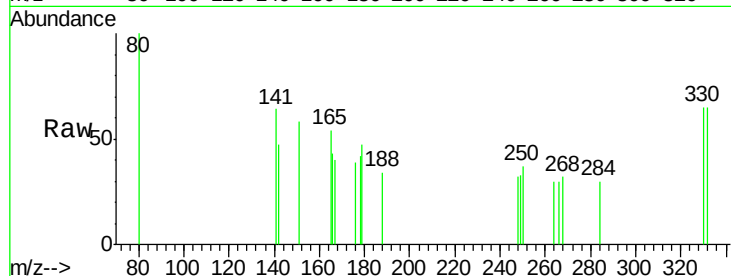
Tot Ion:330 Resp: 81

Ion Ratio Lower Upper

330 100

332 98.8 152.7 229.1#

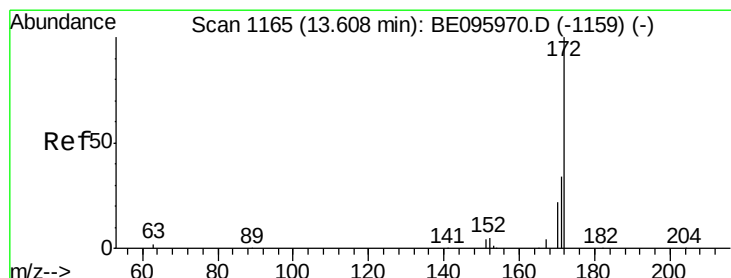
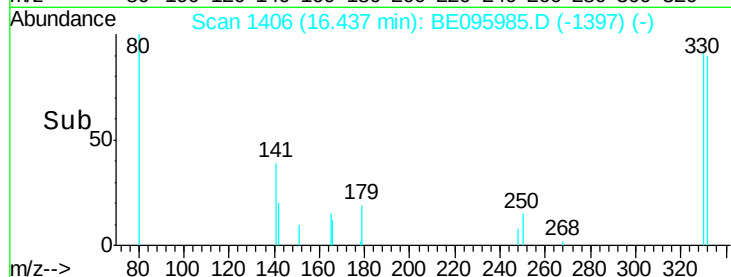
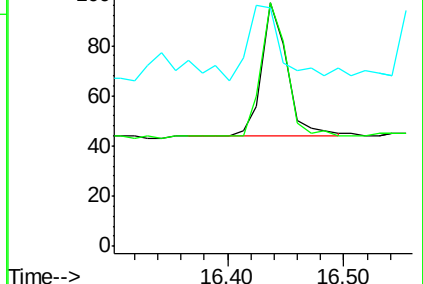
141 74.1 33.7 50.5#



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: 0.079 ng

RT: 13.61 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE095985.D

Acq: 12 Apr 2018 10:26

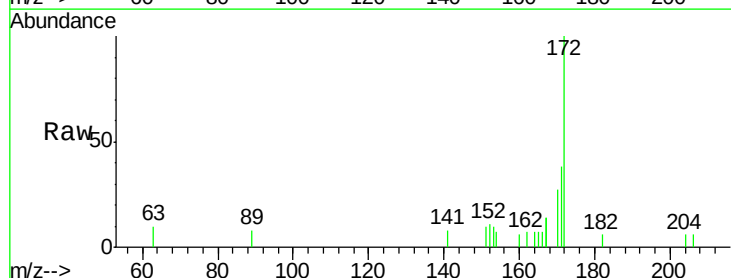
Tgt Ion:172 Resp: 990

Ion Ratio Lower Upper

172 100

171 38.1 29.9 44.9

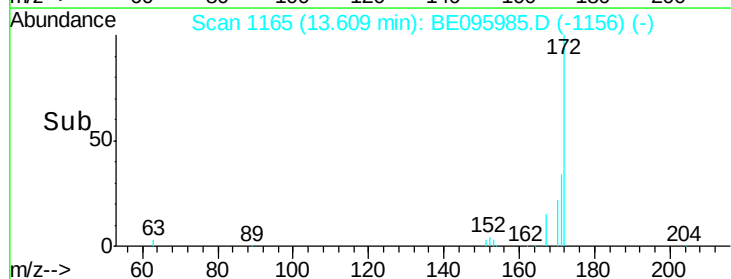
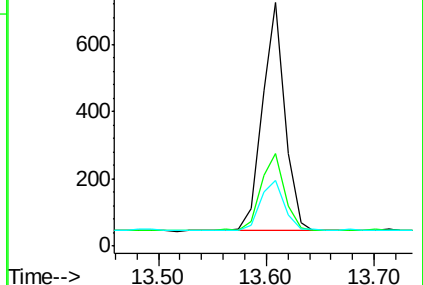
170 27.0 21.8 32.8

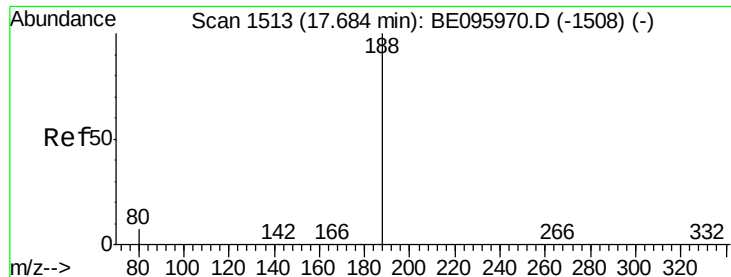


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.67 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE095985.D

Acq: 12 Apr 2018 10:26

Instrument :

BNA_E

ClientSampleId :

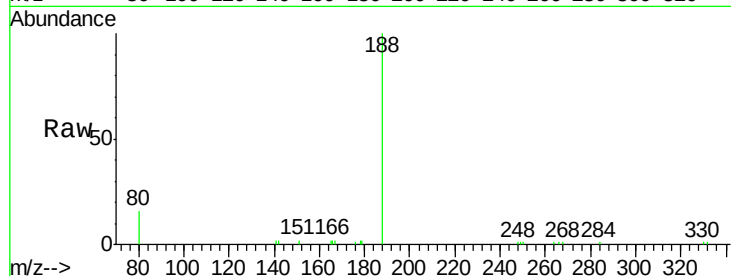
Tot Ion:188 Resp: 6804

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

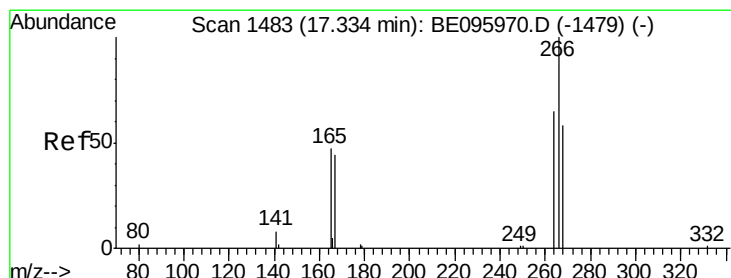
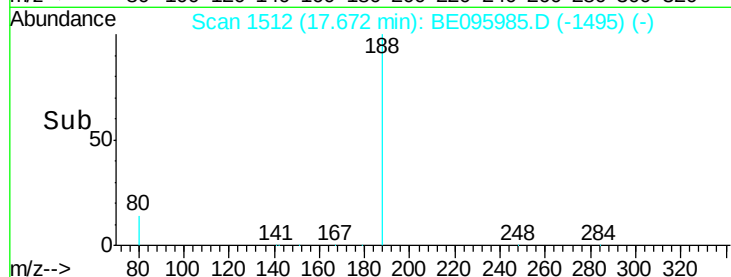
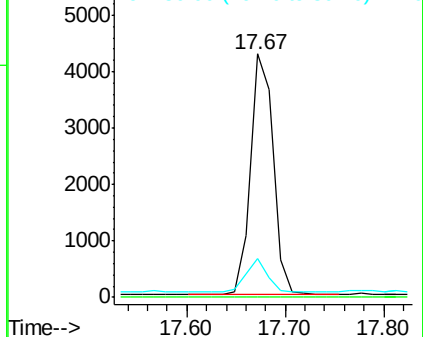
80 15.8 3.6 5.4#



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: 0.443 ng

RT: 17.33 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE095985.D

Acq: 12 Apr 2018 10:26

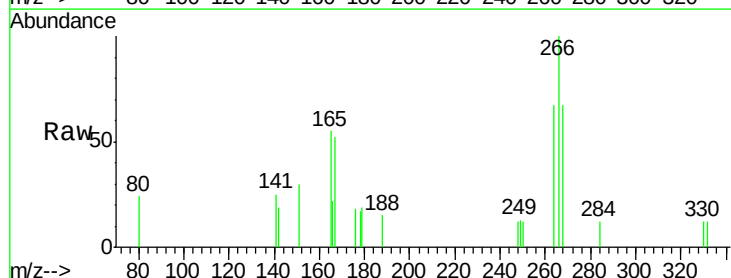
Tgt Ion:266 Resp: 571

Ion Ratio Lower Upper

266 100

264 66.9 72.5 108.7#

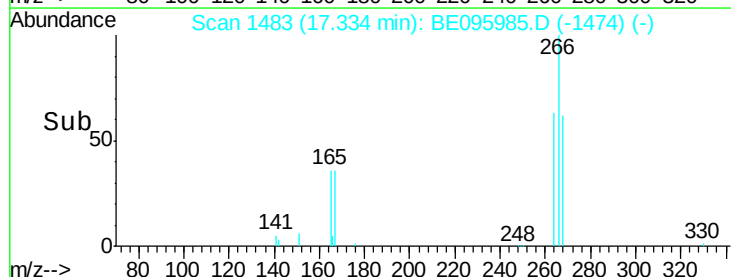
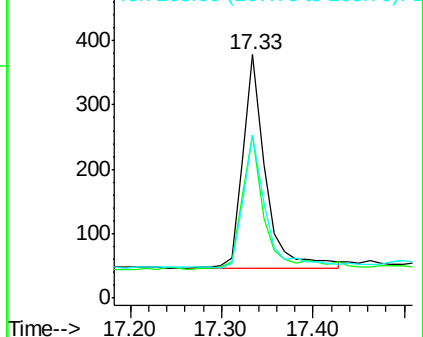
268 66.9 73.8 110.6#

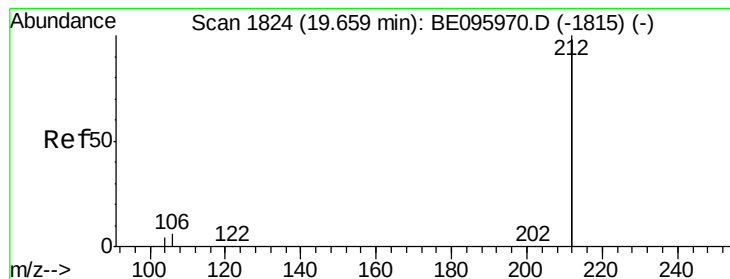


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.048 ng

RT: 19.66 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BE095985.D

Acq: 12 Apr 2018 10:26

Instrument :

BNA_E

ClientSampleId :

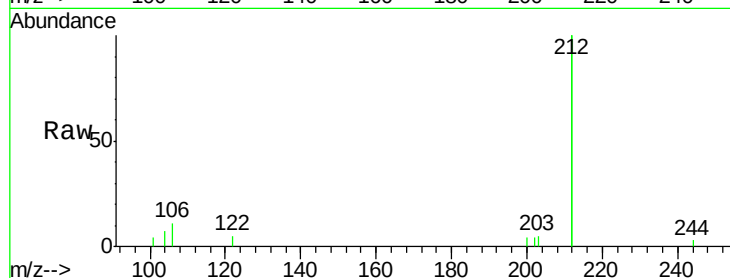
Tot Ion:212 Resp: 4419

Ion Ratio Lower Upper

212 100

106 4.1 2.8 4.2

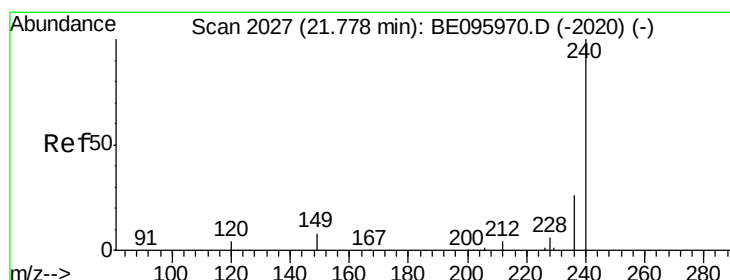
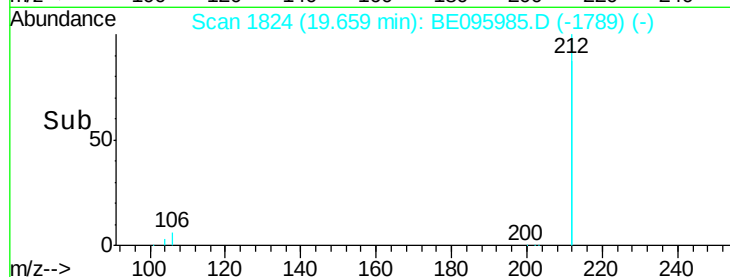
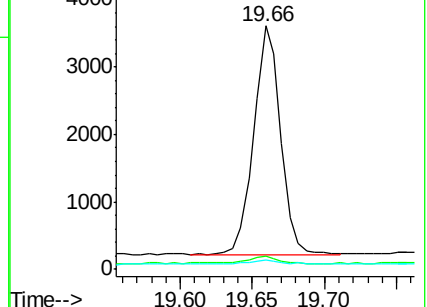
104 2.2 1.6 2.4



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: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE095985.D

Acq: 12 Apr 2018 10:26

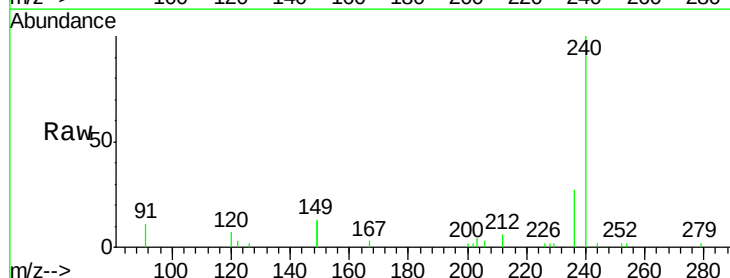
Tgt Ion:240 Resp: 7492

Ion Ratio Lower Upper

240 100

120 6.9 5.5 8.3

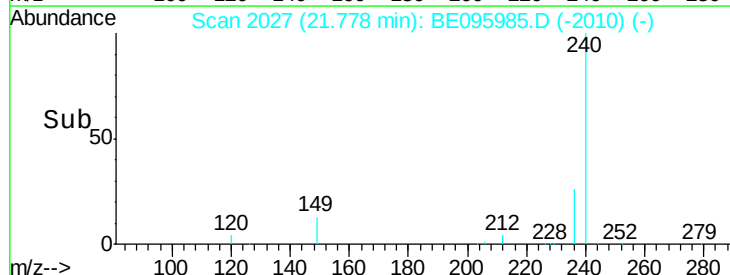
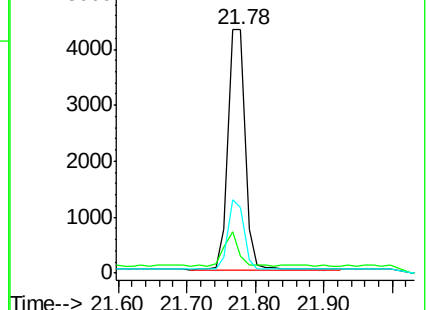
236 27.1 20.7 31.1

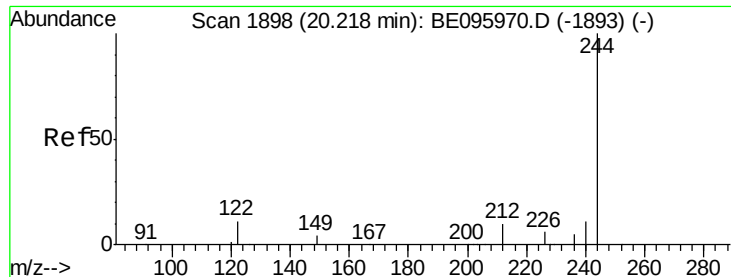


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.058 ng

RT: 20.22 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BE095985.D

Acq: 12 Apr 2018 10:26

Instrument :

BNA_E

ClientSampleId :

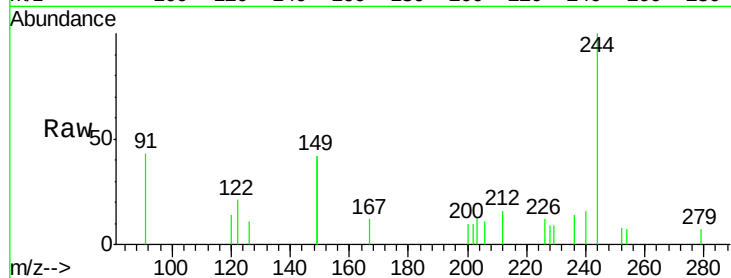
Tot Ion:244 Resp: 967

Ion Ratio Lower Upper

244 100

212 16.3 25.4 38.0#

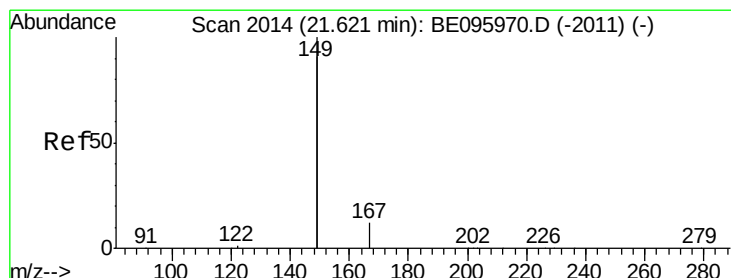
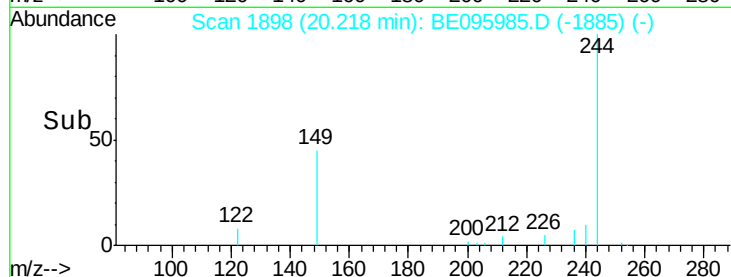
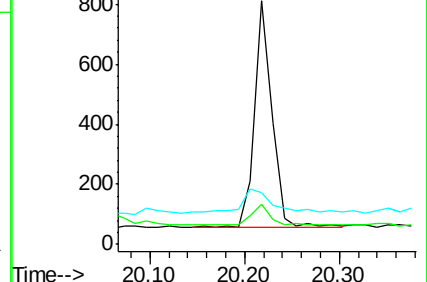
122 21.2 8.1 12.1#



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: 0.026 ng

RT: 21.62 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095985.D

Acq: 12 Apr 2018 10:26

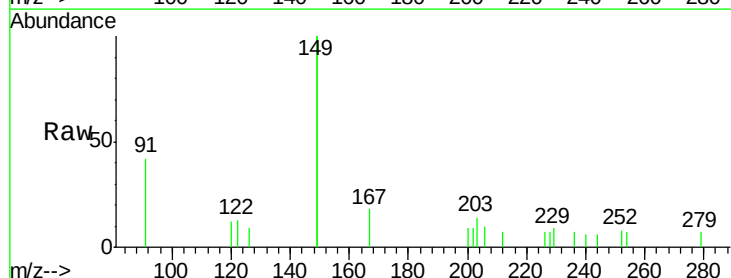
Tgt Ion:149 Resp: 1620

Ion Ratio Lower Upper

149 100

167 8.4 5.4 8.0#

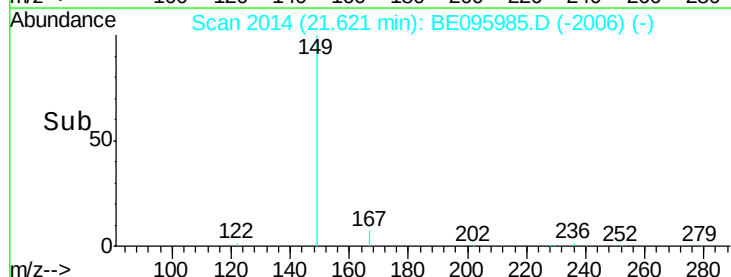
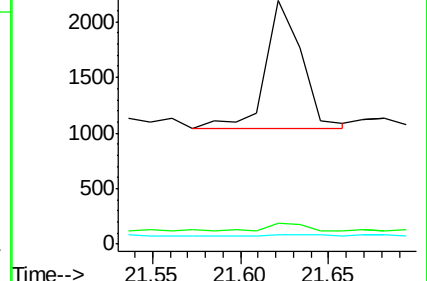
279 1.5 0.7 1.1#

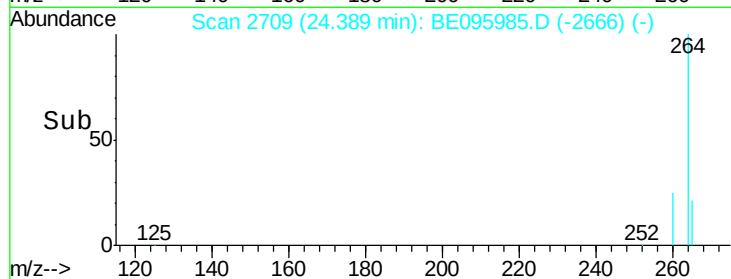
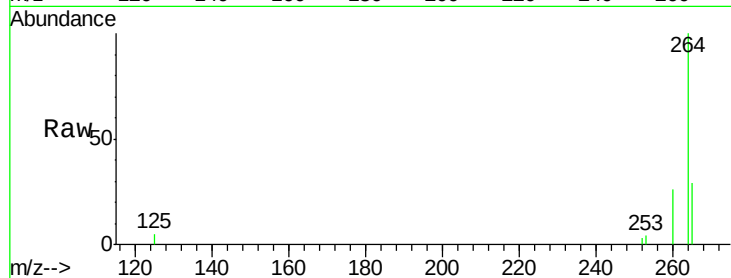
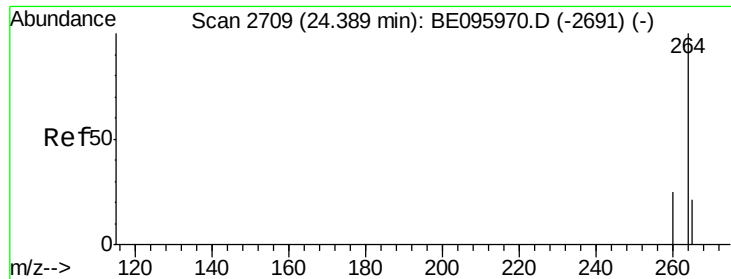


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.39 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BE095985.D

Acq: 12 Apr 2018 10:26

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 6964

Ion Ratio Lower Upper

264 100

260 26.2 20.5 30.7

265 28.6 22.8 34.2

