

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
 Data File : BE098431.D
 Acq On : 14 Dec 2018 12:13
 Operator : SJ/JU
 Sample : J6351-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-181210

Quant Time: Dec 14 15:31:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

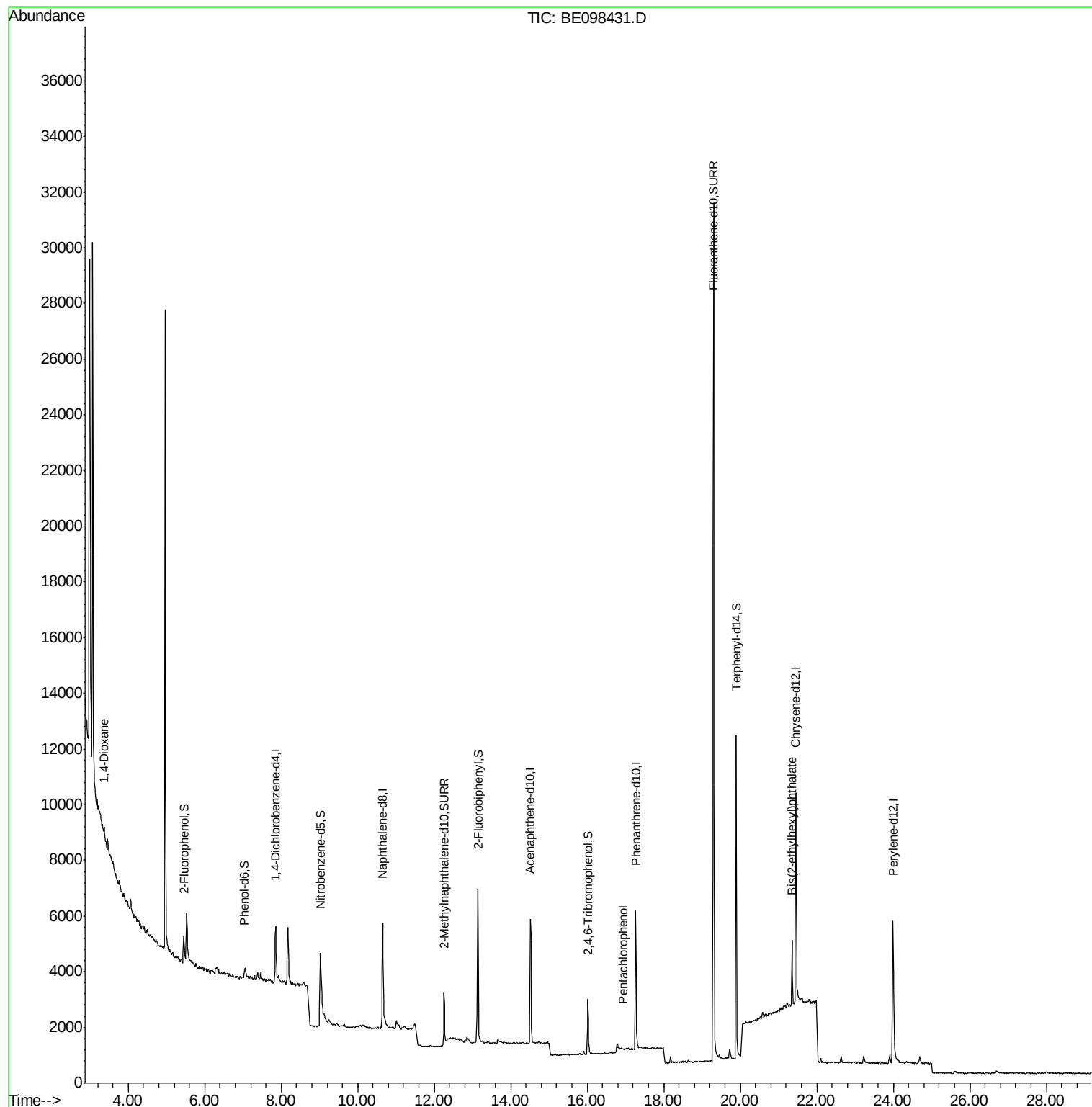
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1244	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	5088	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	3093	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	7638	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	9313	0.40	ng	-0.01
34) Perylene-d12	23.99	264	8671	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	724	0.25	ng	0.00
5) Phenol-d6	7.04	99	663	0.16	ng	0.00
8) Nitrobenzene-d5	9.03	82	1787	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	3248	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	1296	1.14	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	6868	0.53	ng	0.00
25) Fluoranthene-d10	19.30	212	43301	0.44	ng	0.00
29) Terphenyl-d14	19.89	244	10515	0.46	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.37	88	160	0.074	ng	# 20
22) Pentachlorophenol	16.93	266	31	0.062	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.35	149	2735	0.051	ng	# 99

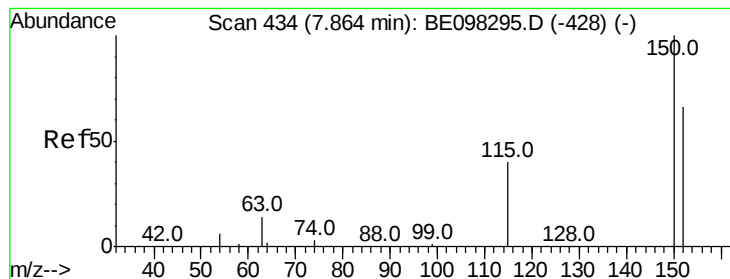
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098431.D

Acq: 14 Dec 2018 12:13

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181210

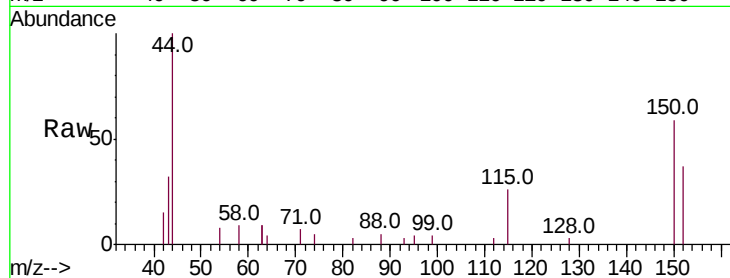
Tot Ion:152 Resp: 1244

Ion Ratio Lower Upper

152 100

150 157.9 124.2 186.4

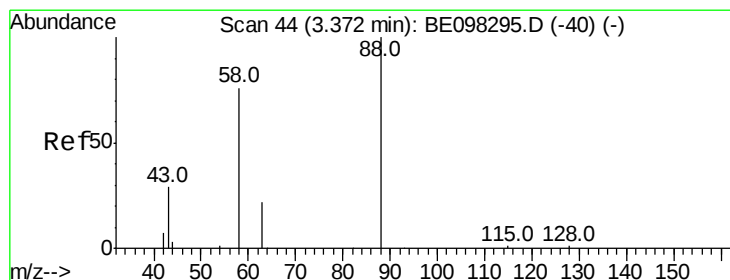
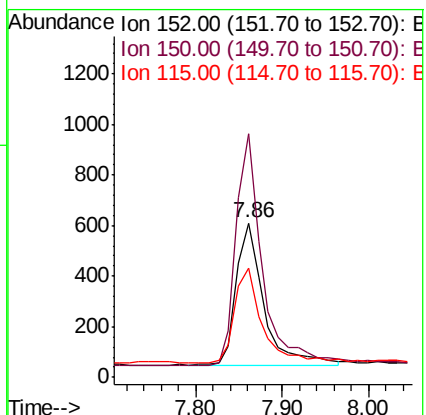
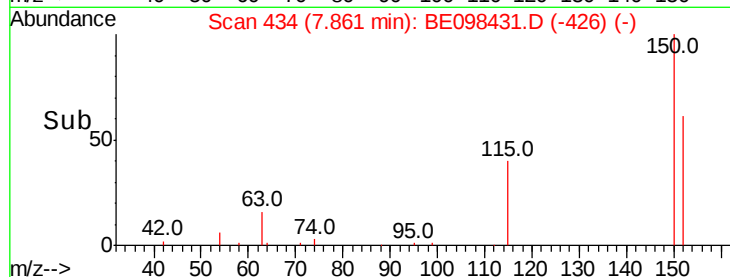
115 70.5 53.9 80.9



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: 0.074 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098431.D

Acq: 14 Dec 2018 12:13

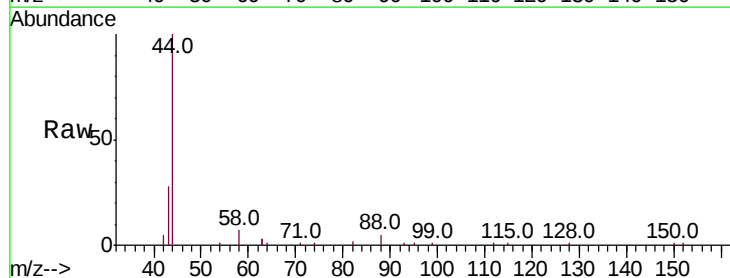
Tgt Ion: 88 Resp: 160

Ion Ratio Lower Upper

88 100

58 102.5 75.0 112.6

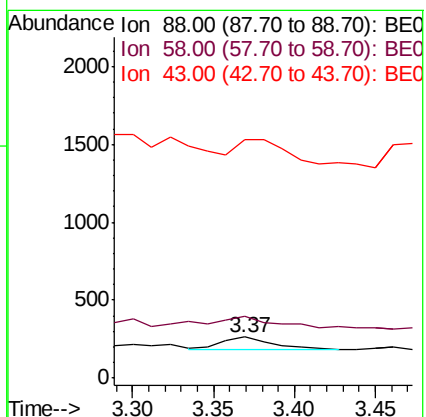
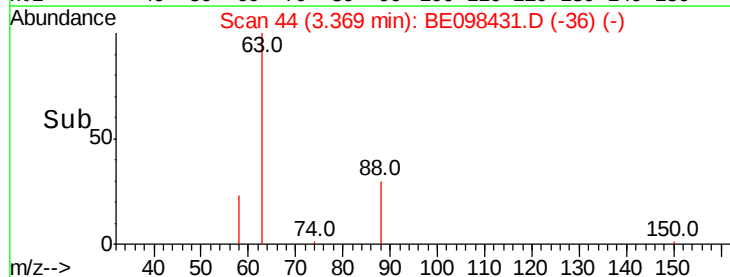
43 195.0 38.3 57.5#



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: 0.249 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098431.D

Acq: 14 Dec 2018 12:13

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181210

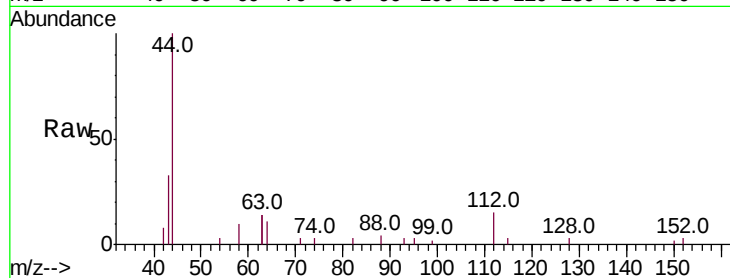
Tot Ion:112 Resp: 724

Ion Ratio Lower Upper

112 100

64 75.6 59.8 89.8

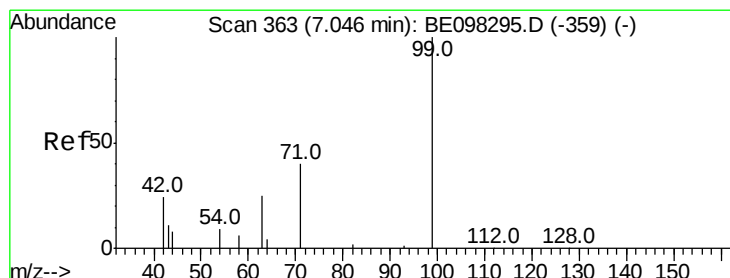
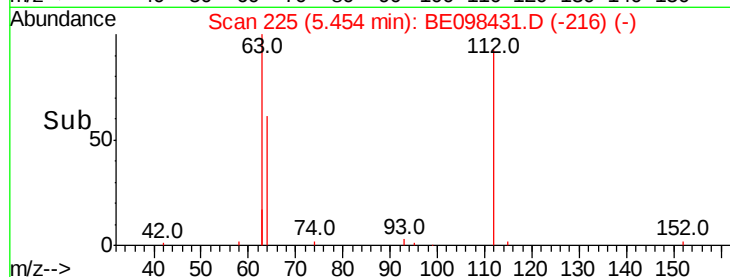
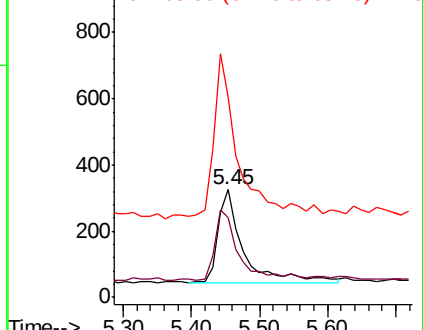
63 166.3 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.161 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098431.D

Acq: 14 Dec 2018 12:13

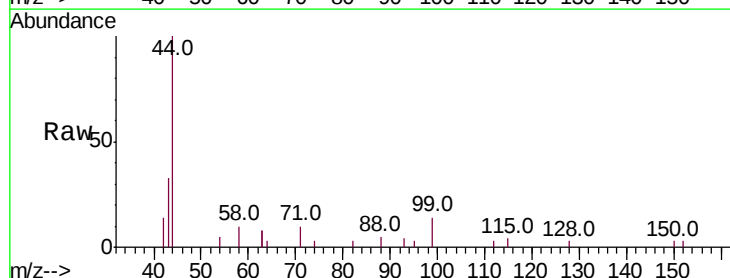
Tgt Ion: 99 Resp: 663

Ion Ratio Lower Upper

99 100

42 39.2 26.3 39.5

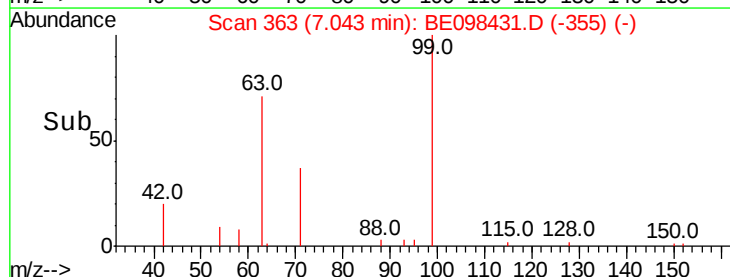
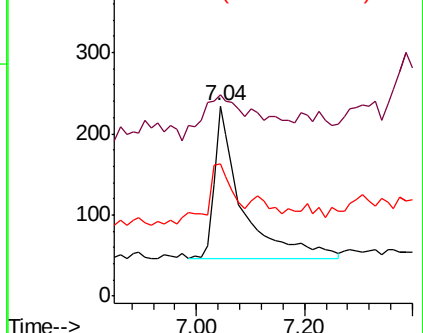
71 36.2 33.6 50.4



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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098431.D

Acq: 14 Dec 2018 12:13

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181210

Tot Ion:136 Resp: 5088

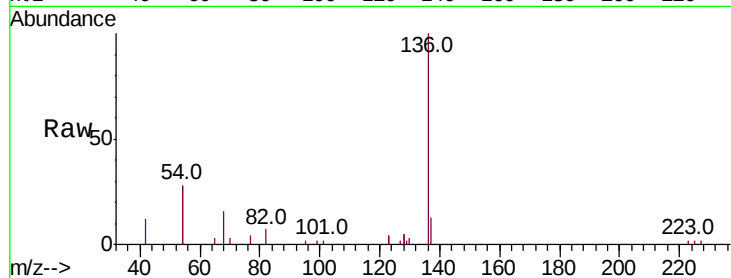
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 55.3 28.4 42.6#

68 16.4 5.4 8.0#

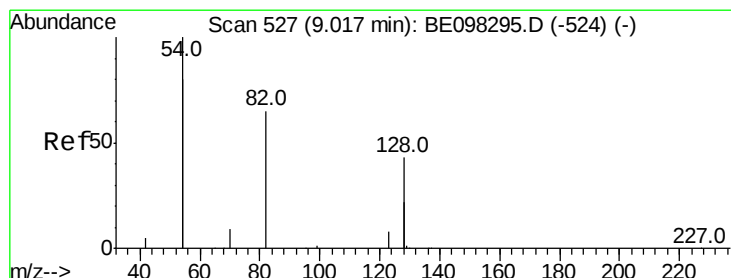
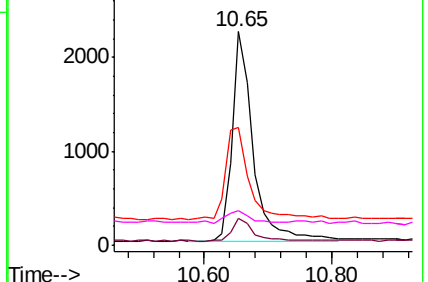
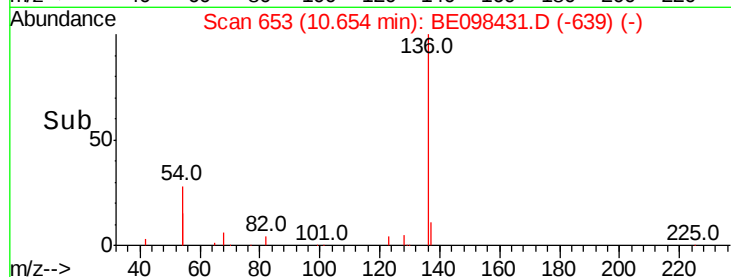


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.386 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098431.D

Acq: 14 Dec 2018 12:13

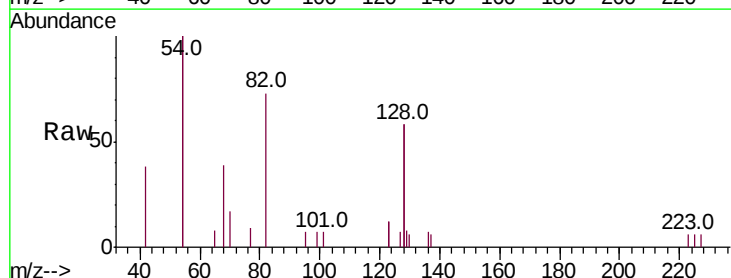
Tgt Ion: 82 Resp: 1787

Ion Ratio Lower Upper

82 100

128 160.3 102.4 153.6#

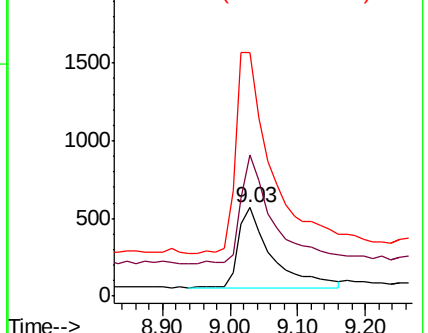
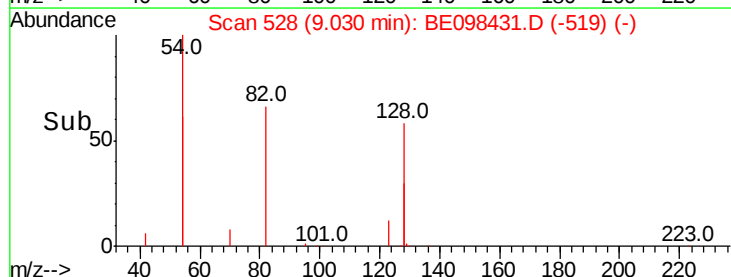
54 275.2 221.8 332.8

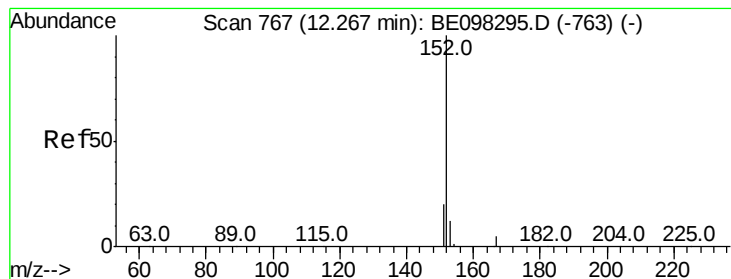


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.393 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098431.D

Acq: 14 Dec 2018 12:13

Instrument :

BNA_E

ClientSampleId :

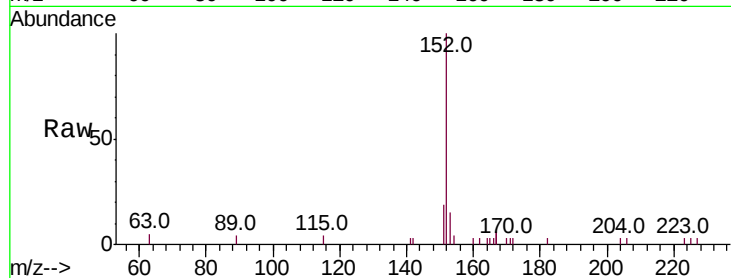
KY038PS036-181210

Tot Ion:152 Resp: 3248

Ion Ratio Lower Upper

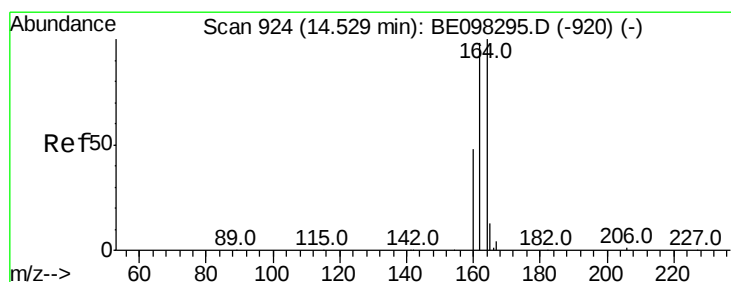
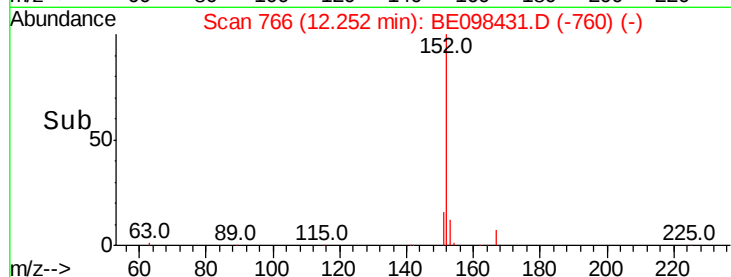
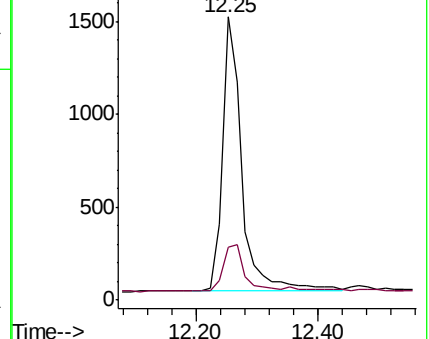
152 100

151 18.7 16.2 24.4



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: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098431.D

Acq: 14 Dec 2018 12:13

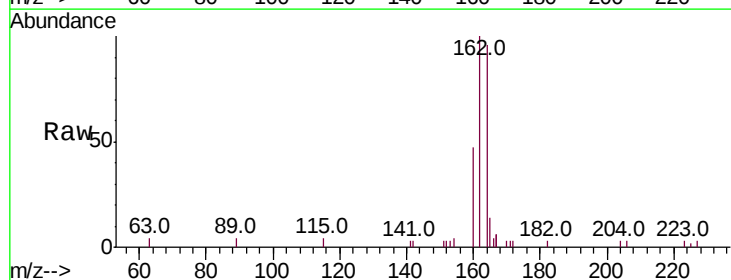
Tgt Ion:164 Resp: 3093

Ion Ratio Lower Upper

164 100

162 104.7 77.6 116.4

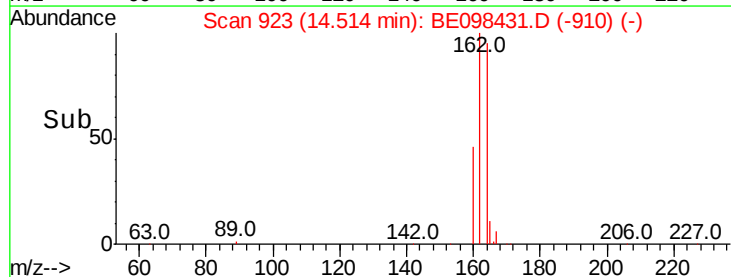
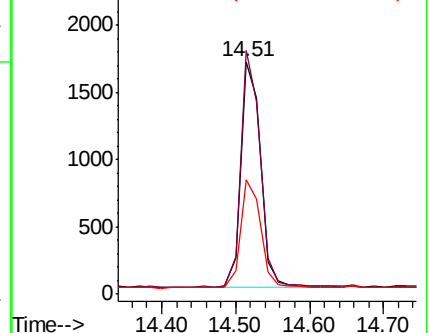
160 49.4 36.0 54.0



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: 1.141 ng

RT: 16.01 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BE098431.D

Acq: 14 Dec 2018 12:13

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181210

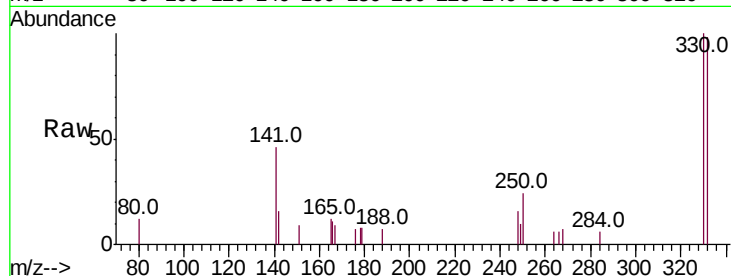
Tot Ion:330 Resp: 1296

Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

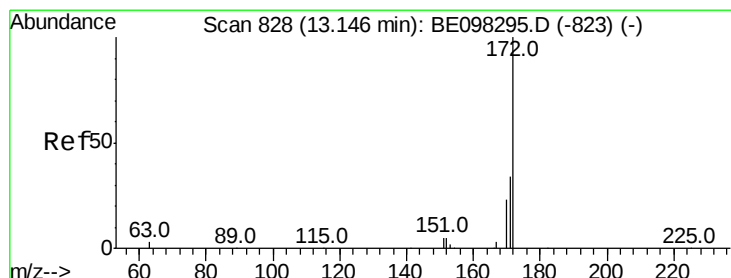
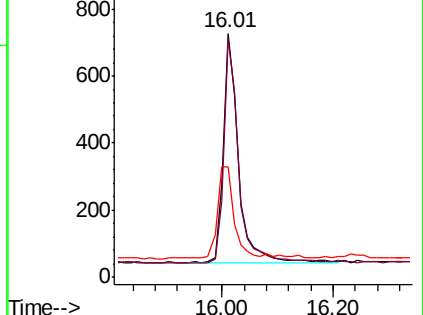
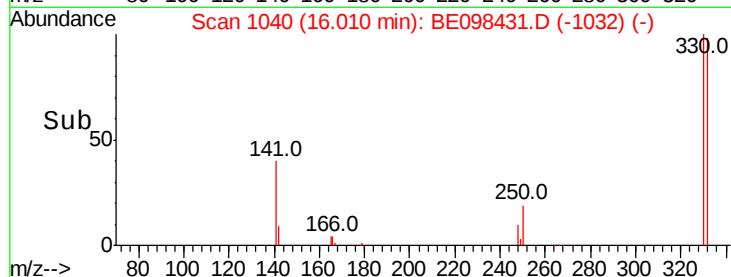
141 43.0 39.0 58.4



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: 0.526 ng

RT: 13.15 min Scan# 828

Delta R.T. -0.00 min

Lab File: BE098431.D

Acq: 14 Dec 2018 12:13

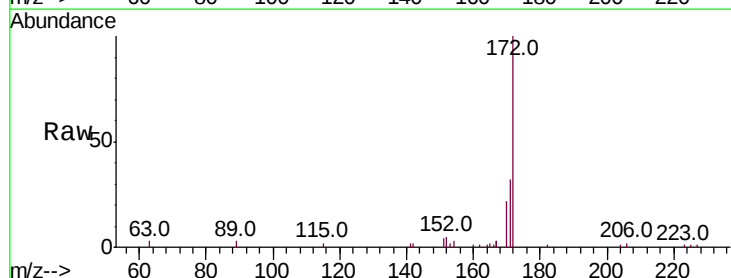
Tgt Ion:172 Resp: 6868

Ion Ratio Lower Upper

172 100

171 32.4 27.5 41.3

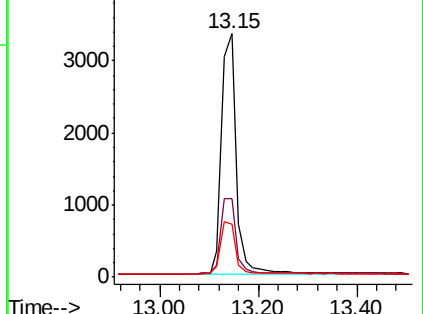
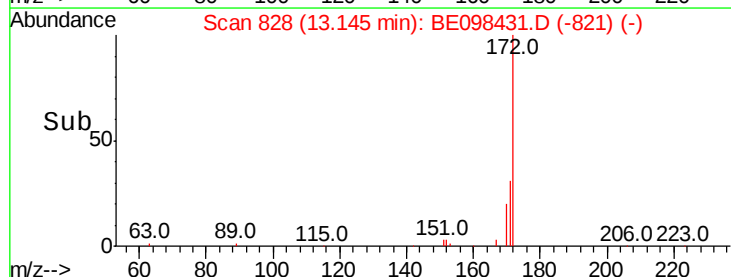
170 21.6 19.6 29.4

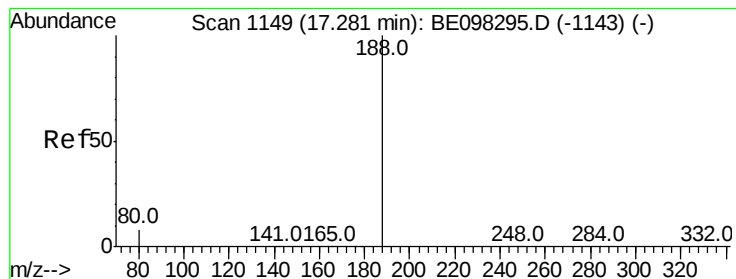


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098431.D

Acq: 14 Dec 2018 12:13

Instrument :

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ClientSampleId :

KY038PS036-181210

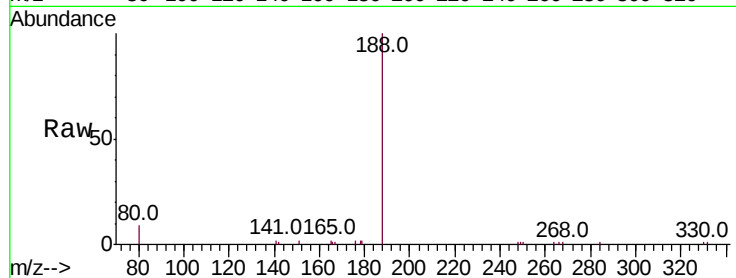
Tot Ion:188 Resp: 7638

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

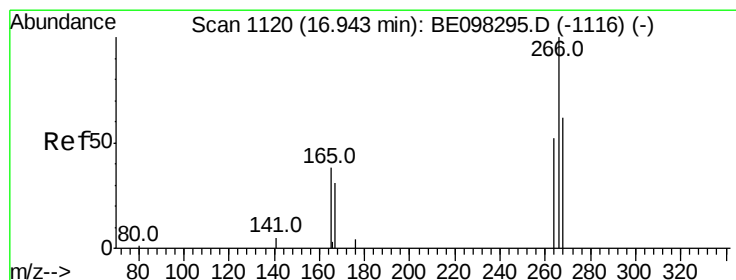
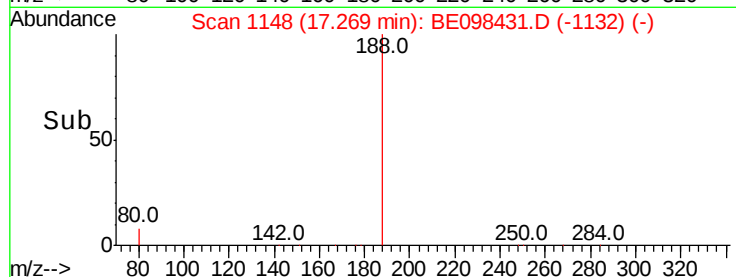
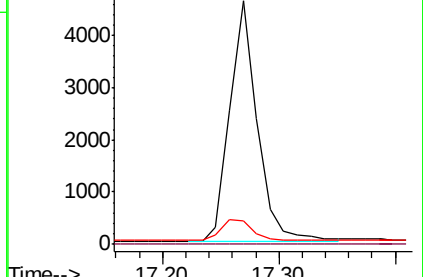
80 9.5 7.2 10.8



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: 0.062 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098431.D

Acq: 14 Dec 2018 12:13

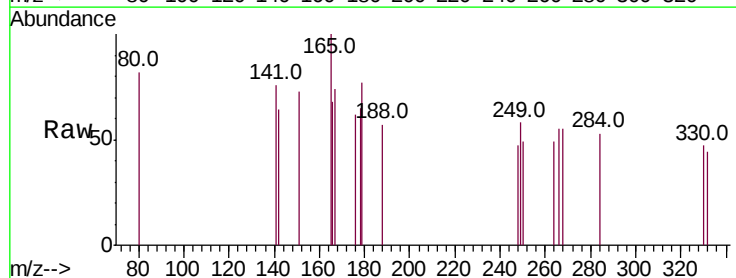
Tgt Ion:266 Resp: 31

Ion Ratio Lower Upper

266 100

264 90.7 59.0 88.4#

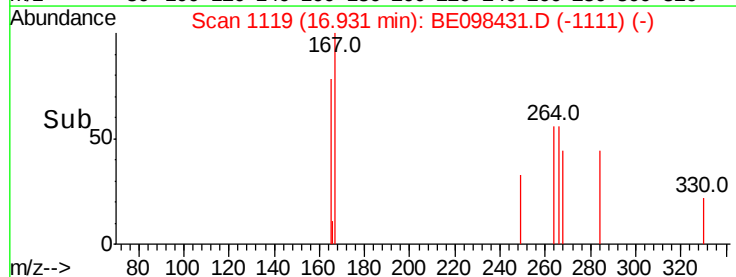
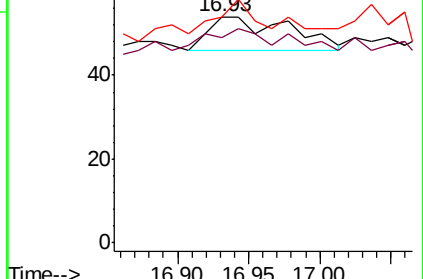
268 100.0 55.1 82.7#

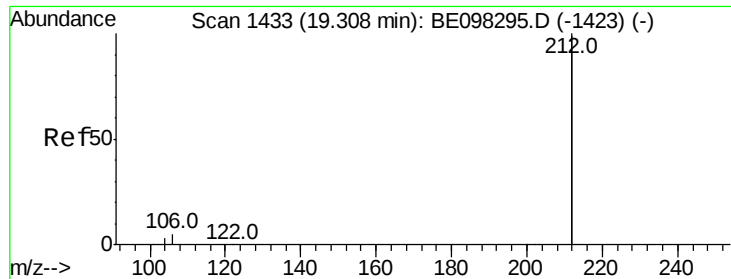


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.442 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098431.D

Acq: 14 Dec 2018 12:13

Instrument :

BNA_E

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KY038PS036-181210

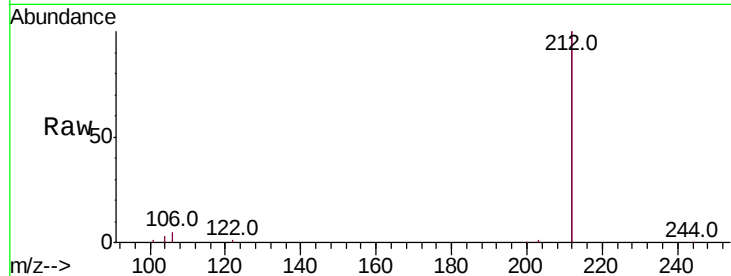
Tot Ion:212 Resp: 43301

Ion Ratio Lower Upper

212 100

106 2.5 2.2 3.2

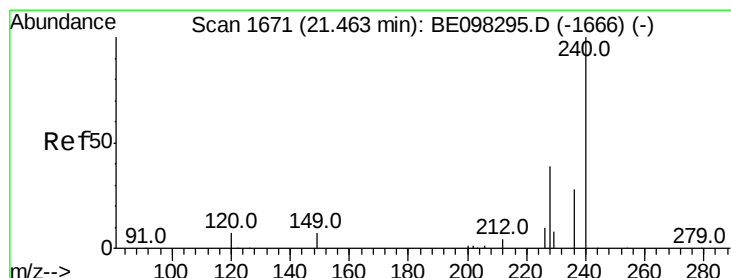
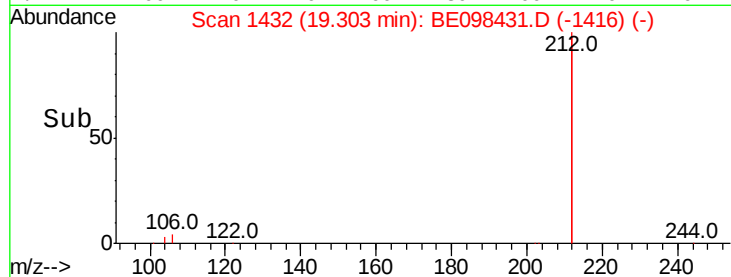
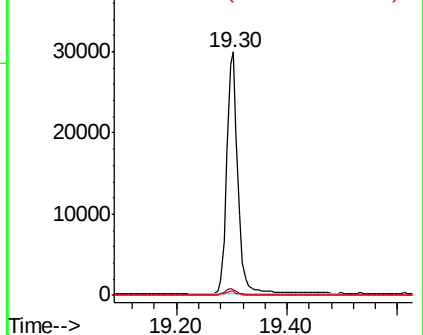
104 1.5 1.3 1.9



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: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098431.D

Acq: 14 Dec 2018 12:13

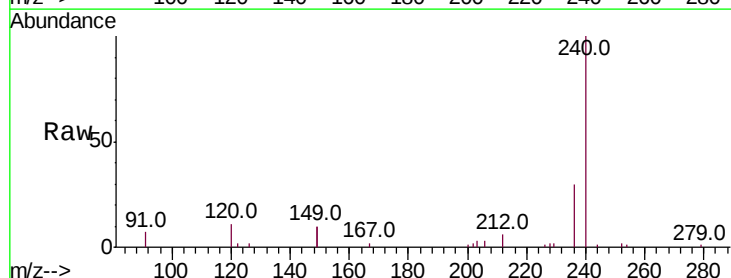
Tgt Ion:240 Resp: 9313

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

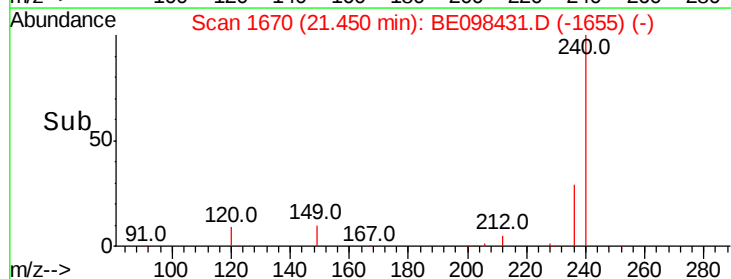
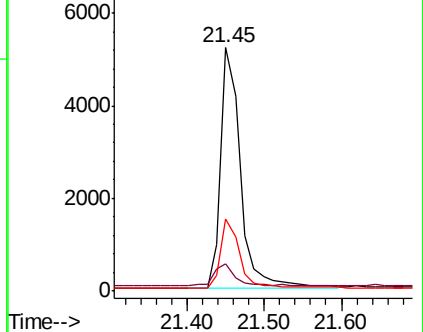
236 29.7 22.7 34.1

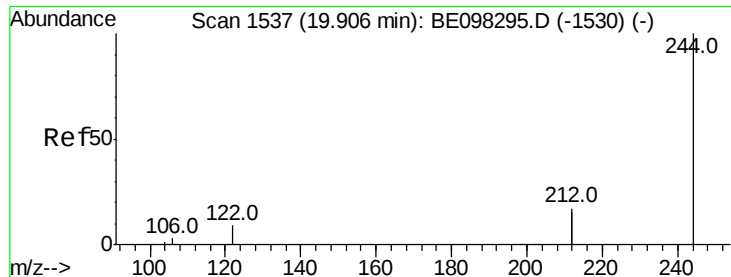


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.465 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098431.D

Acq: 14 Dec 2018 12:13

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181210

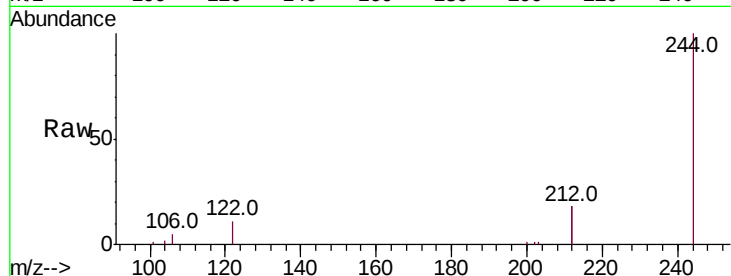
Tot Ion:244 Resp: 10515

Ion Ratio Lower Upper

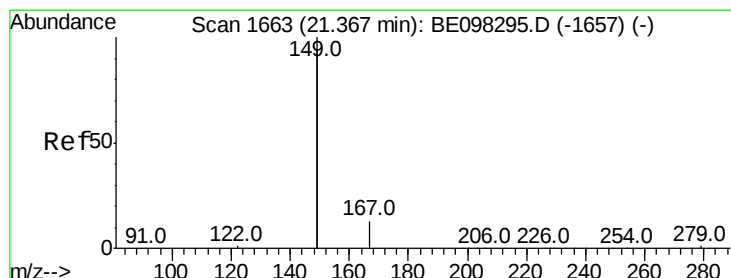
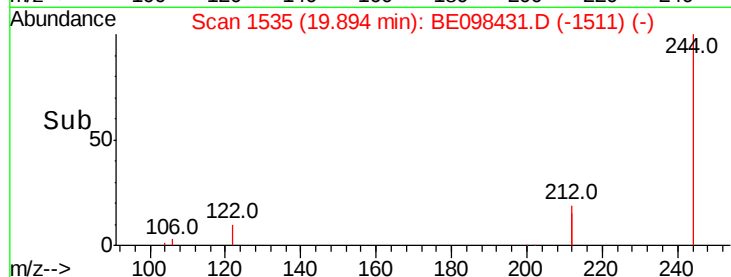
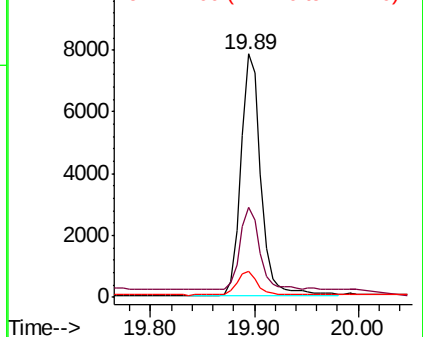
244 100

212 37.0 27.4 41.0

122 10.8 8.3 12.5



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: 0.051 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098431.D

Acq: 14 Dec 2018 12:13

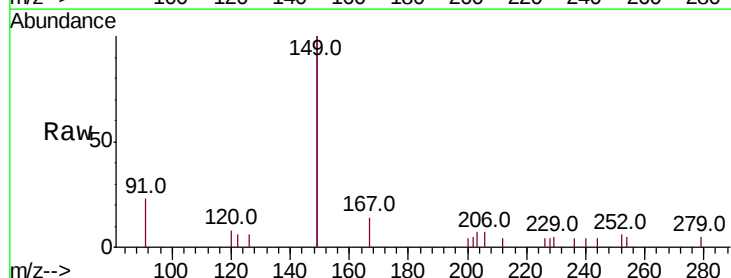
Tgt Ion:149 Resp: 2735

Ion Ratio Lower Upper

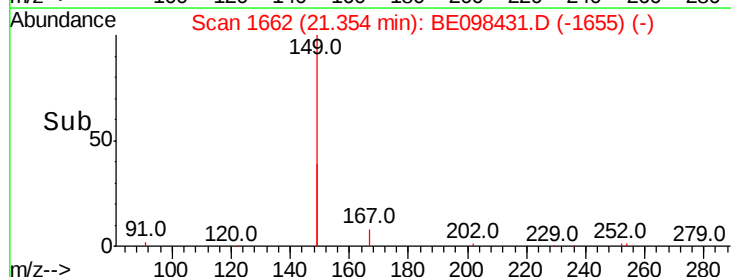
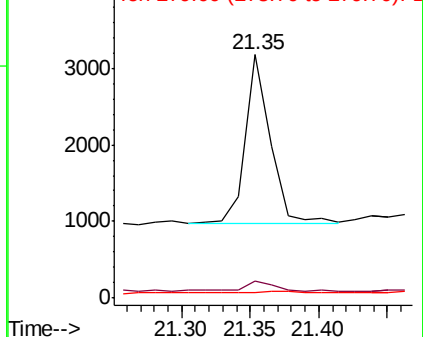
149 100

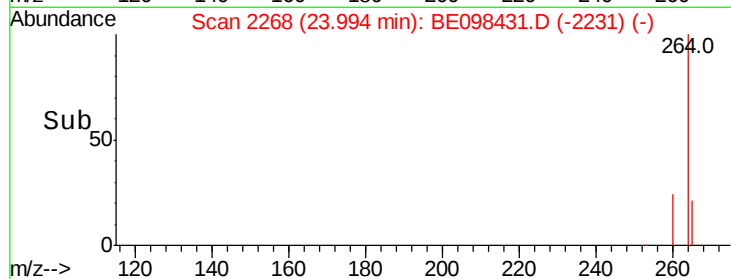
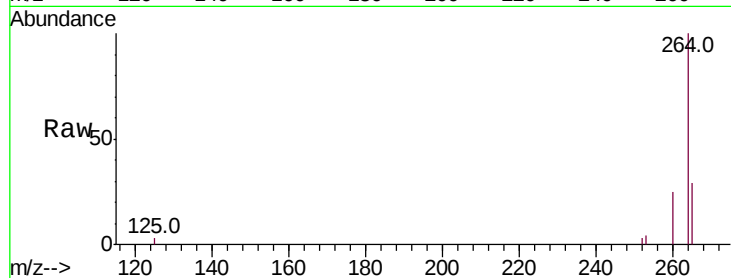
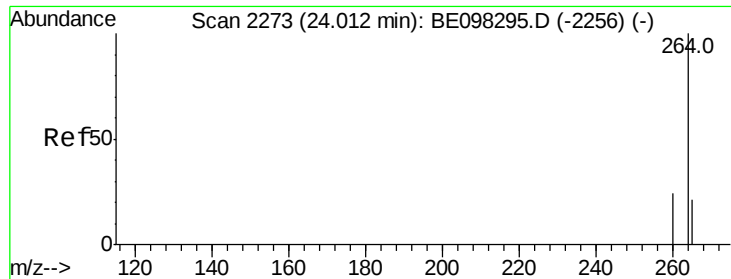
167 7.3 5.7 8.5

279 1.6 1.0 1.4#



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: 23.99 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BE098431.D

Acq: 14 Dec 2018 12:13

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181210

Tot Ion:264 Resp: 8671

Ion Ratio Lower Upper

264 100

260 25.1 20.2 30.2

265 29.0 25.2 37.8

