

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110518\
 Data File : BE098161.D
 Acq On : 5 Nov 2018 14:42
 Operator : SJ/JU
 Sample : J5780-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS113081

Quant Time: Nov 06 10:26:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	945	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	4467	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3230	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	7228	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8219	0.40	ng	0.00
34) Perylene-d12	24.01	264	7882	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	520	0.19	ng	0.00
5) Phenol-d6	7.05	99	507	0.11	ng	0.00
8) Nitrobenzene-d5	9.02	82	1713	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	12.27	152	3053	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	615	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	5958	0.45	ng	-0.01
25) Fluoranthene-d10	19.31	212	35841	0.38	ng	0.00
29) Terphenyl-d14	19.91	244	8544	0.45	ng	0.00

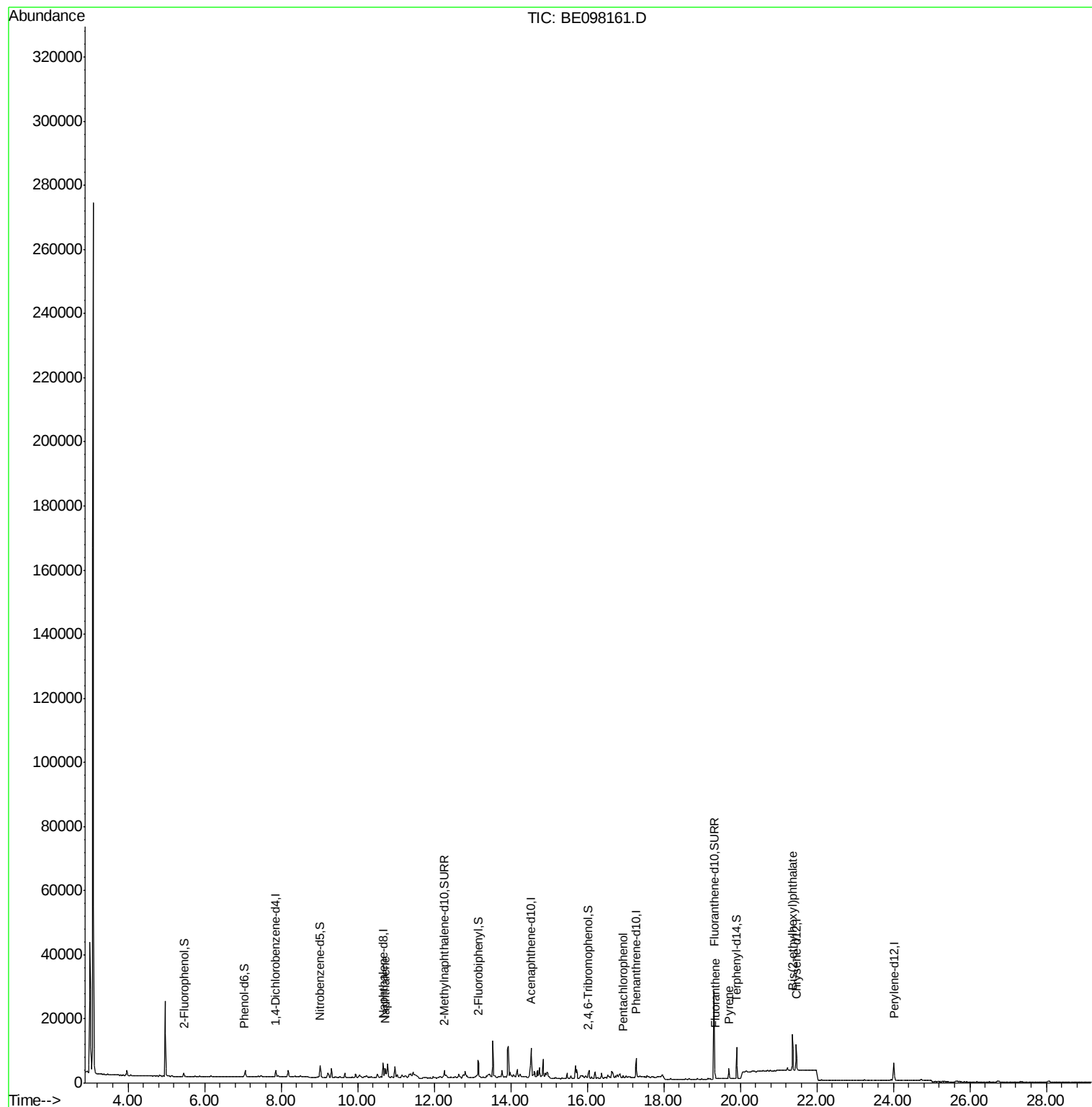
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.72	128	3702	0.083	ng	# 62
22) Pentachlorophenol	16.94	266	59	0.177	ng	# 71
26) Fluoranthene	19.34	202	1368	0.061	ng	# 97
28) Pyrene	19.70	202	2872	0.128	ng	# 98
32) Bis(2-ethylhexyl)phthalate	21.37	149	13685	0.106	ng	# 100

(#) = 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. -0.01 min

Lab File: BE098161.D

Acq: 5 Nov 2018 14:42

Instrument :

BNA_E

ClientSampleId :

CPS113081

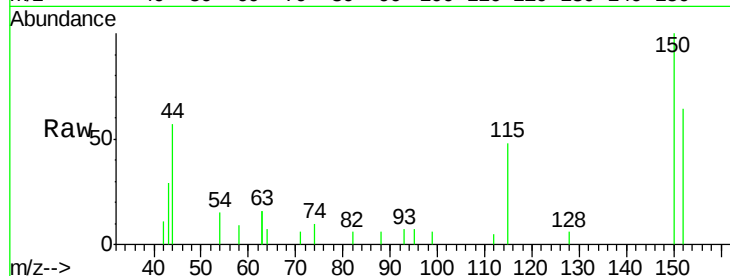
Tgt Ion:152 Resp: 945

Ion Ratio Lower Upper

152 100

150 157.2 118.2 177.4

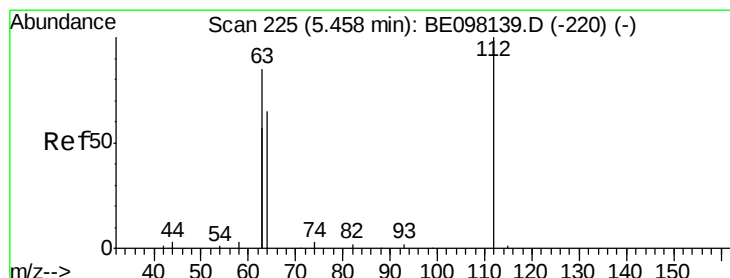
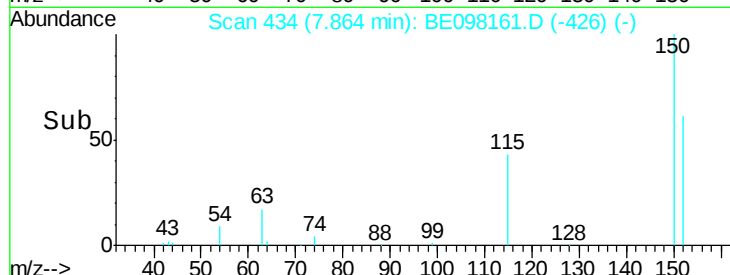
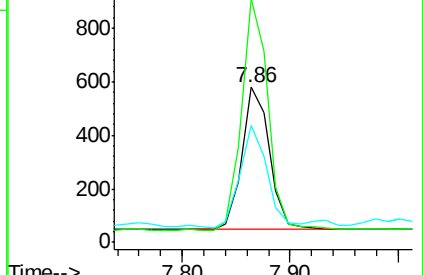
115 75.8 50.9 76.3



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: 0.185 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098161.D

Acq: 5 Nov 2018 14:42

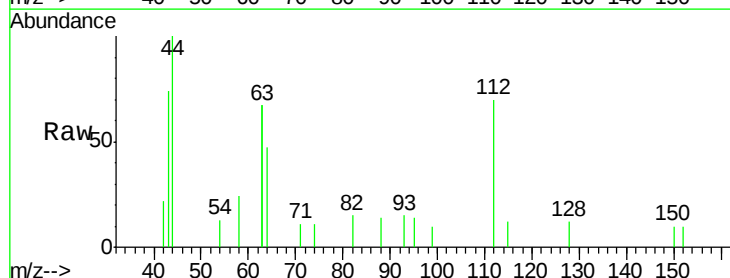
Tgt Ion:112 Resp: 520

Ion Ratio Lower Upper

112 100

64 82.1 58.9 88.3

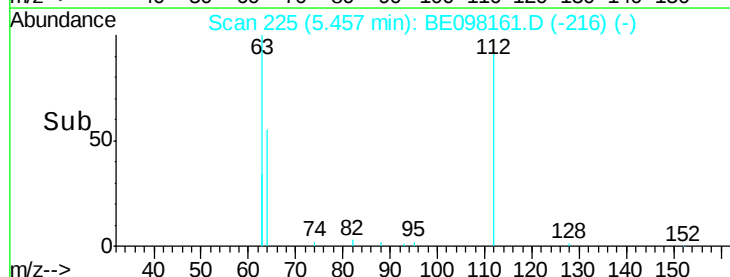
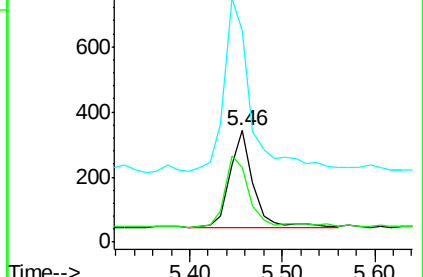
63 210.0 120.3 180.5#

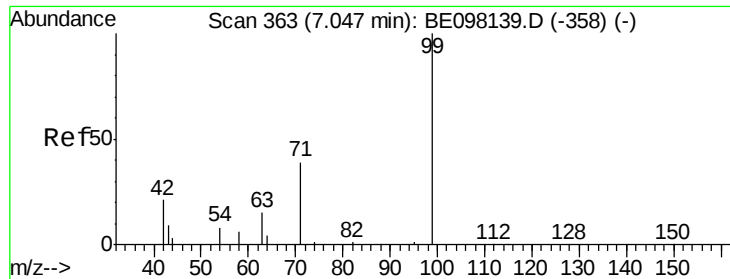


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.110 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098161.D

Acq: 5 Nov 2018 14:42

Instrument :

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ClientSampleId :

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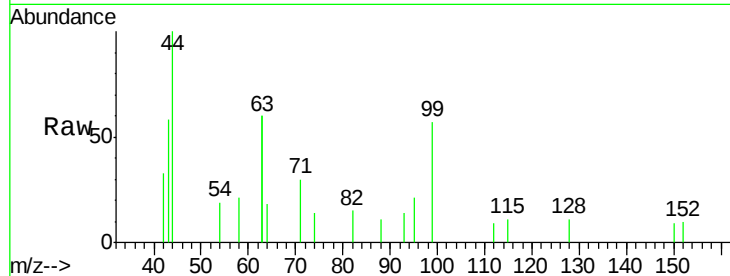
Tgt Ion: 99 Resp: 507

Ion Ratio Lower Upper

99 100

42 50.5 19.9 29.9#

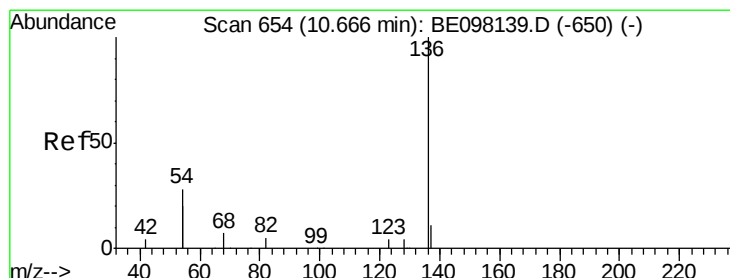
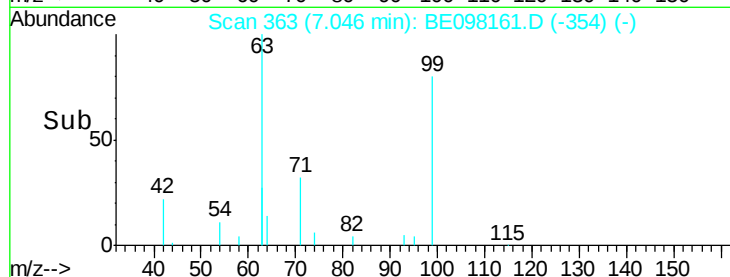
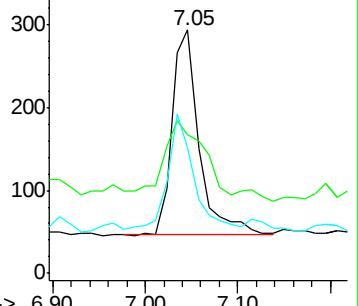
71 53.3 27.8 41.8#



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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098161.D

Acq: 5 Nov 2018 14:42

Tgt Ion: 136 Resp: 4467

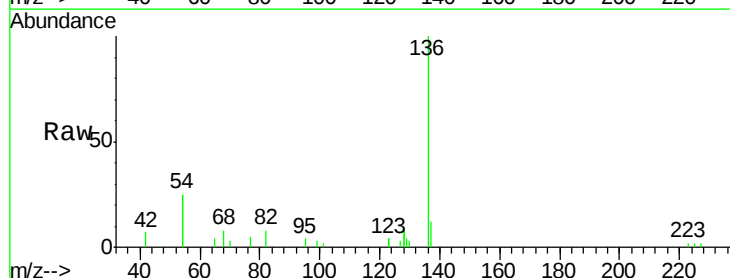
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 49.5 27.7 41.5#

68 7.9 5.3 7.9#

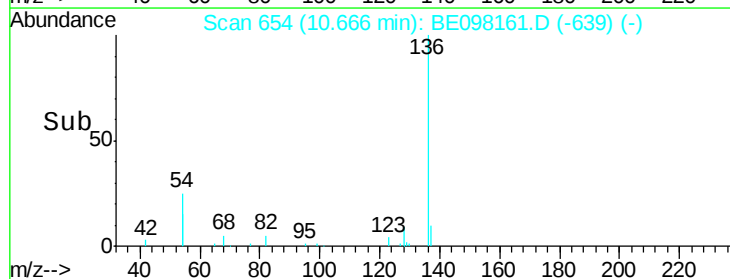
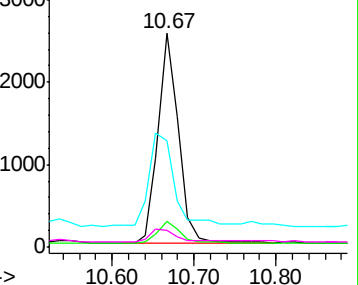


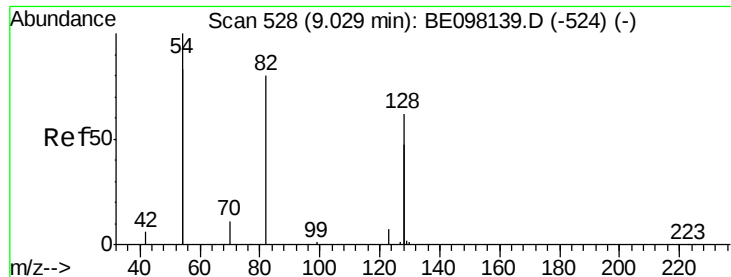
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.358 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.01 min

Lab File: BE098161.D

Acq: 5 Nov 2018 14:42

Instrument :

BNA_E

ClientSampleId :

CPS113081

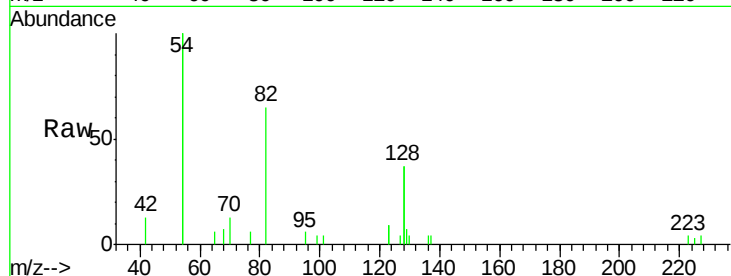
Tgt Ion: 82 Resp: 1713

Ion Ratio Lower Upper

82 100

128 112.9 129.9 194.9#

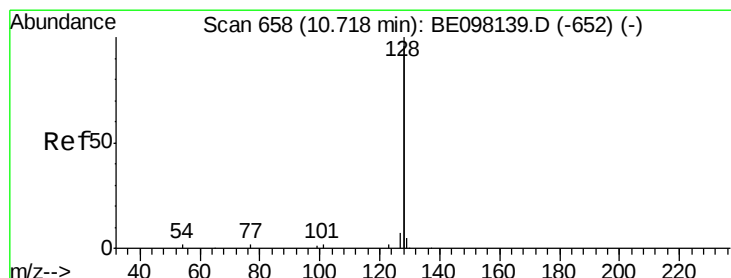
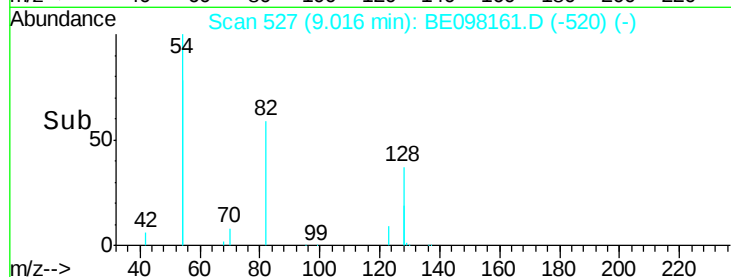
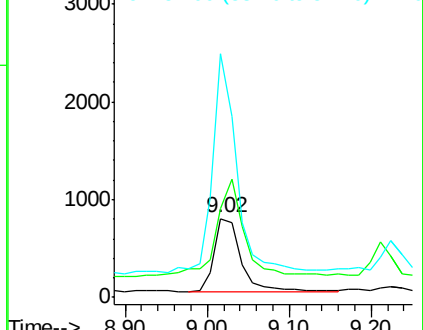
54 309.2 174.0 261.0#



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



#9

Naphthalene

Concen: 0.083 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098161.D

Acq: 5 Nov 2018 14:42

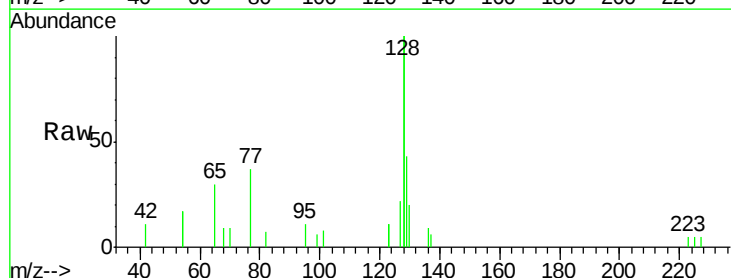
Tgt Ion: 128 Resp: 3702

Ion Ratio Lower Upper

128 100

129 21.6 2.5 3.7#

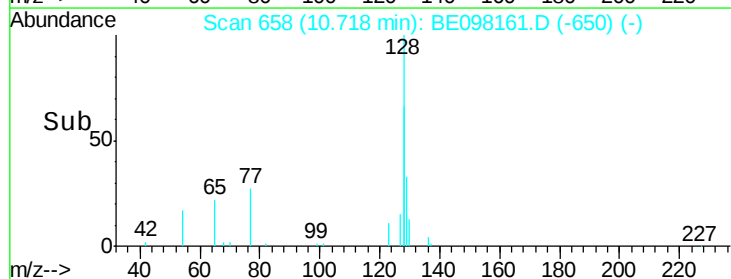
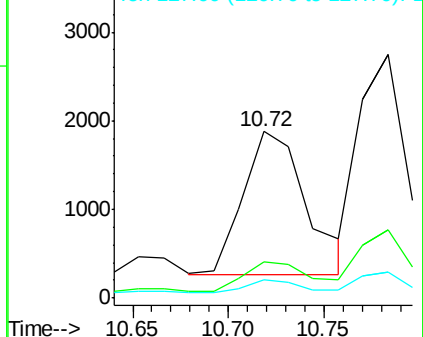
127 10.9 2.8 4.2#

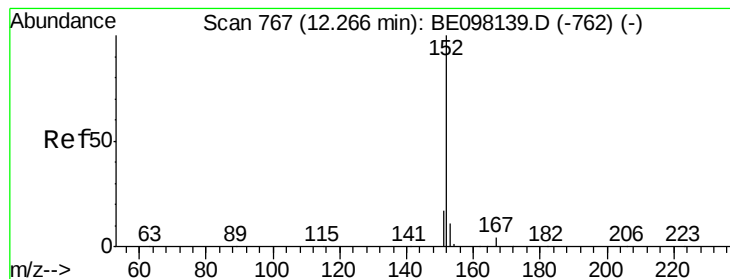


Abundance Ion 128.00 (127.70 to 128.70): BE0

Ion 129.00 (128.70 to 129.70): BE0

Ion 127.00 (126.70 to 127.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.388 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098161.D

Acq: 5 Nov 2018 14:42

Instrument :

BNA_E

ClientSampleId :

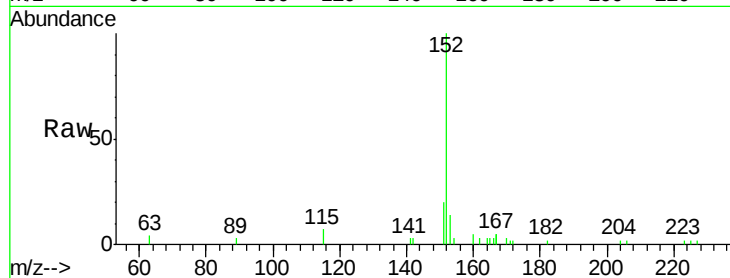
CPS113081

Tgt Ion:152 Resp: 3053

Ion Ratio Lower Upper

152 100

151 22.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

2000

1500

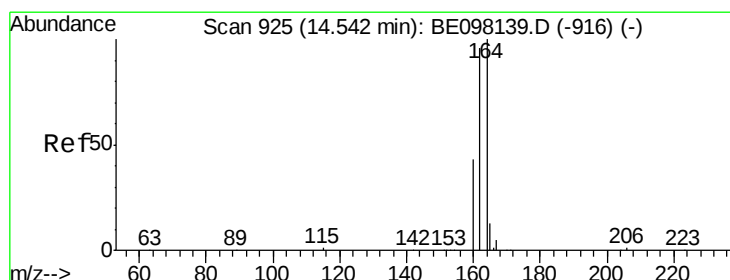
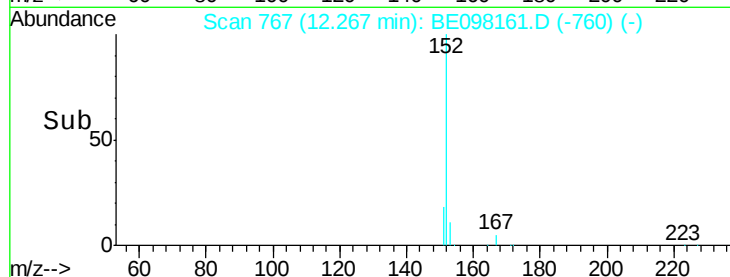
1000

500

0

Time-->

12.20 12.30



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.01 min

Lab File: BE098161.D

Acq: 5 Nov 2018 14:42

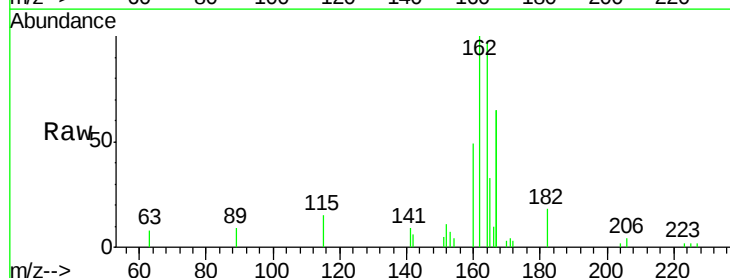
Tgt Ion:164 Resp: 3230

Ion Ratio Lower Upper

164 100

162 103.5 77.4 116.2

160 50.7 36.5 54.7



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

14.53

2500

2000

1500

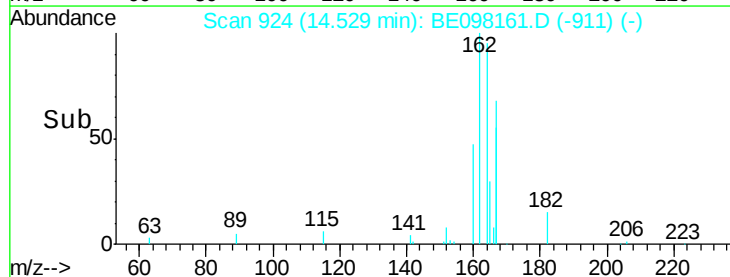
1000

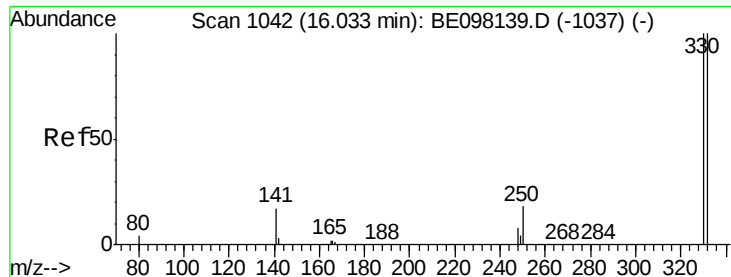
500

0

Time-->

14.40 14.50 14.60

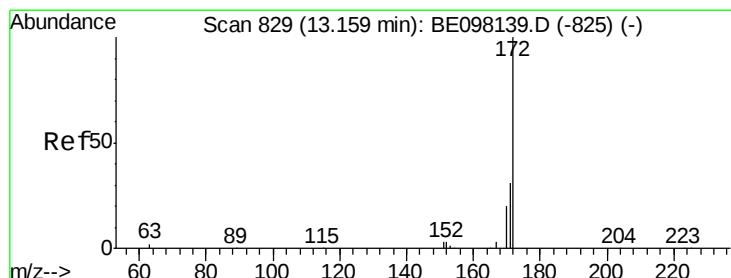
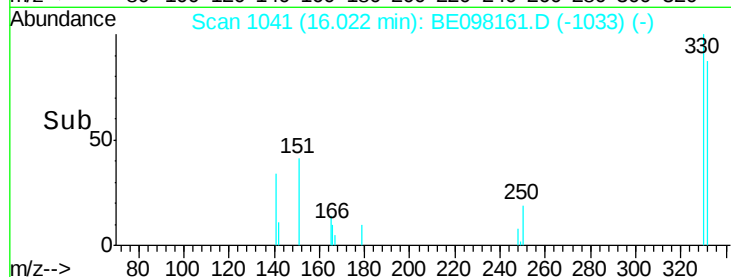
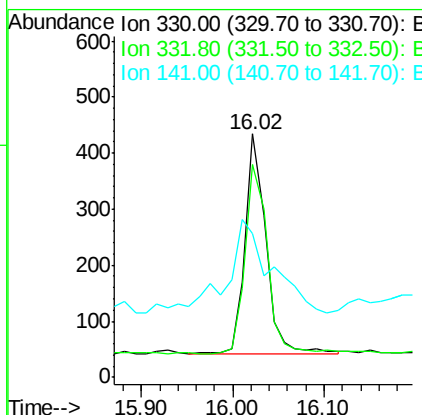
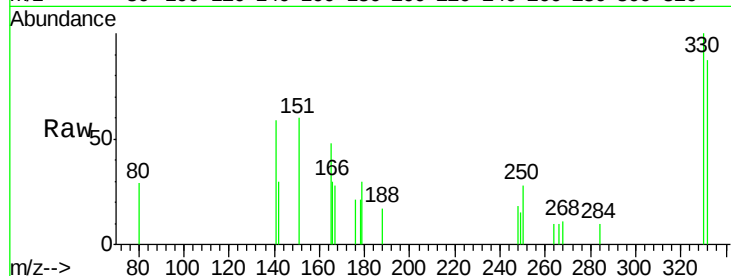




#14
 2,4,6-Tribromophenol
 Concen: 0.402 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BE098161.D
 Acq: 5 Nov 2018 14:42

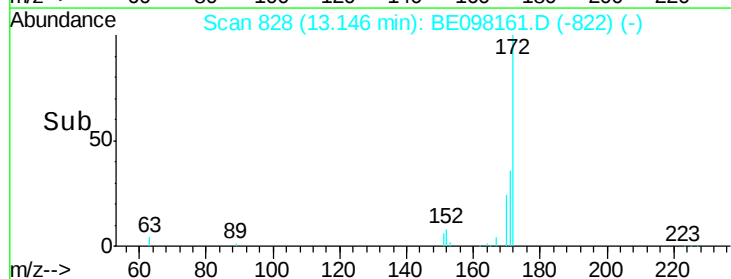
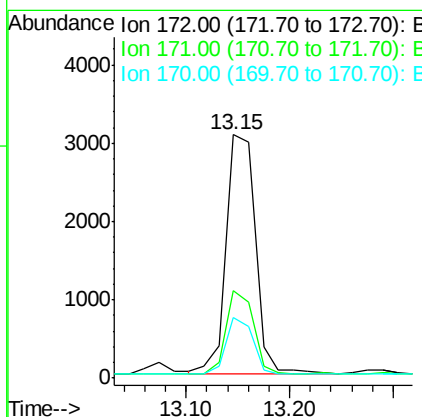
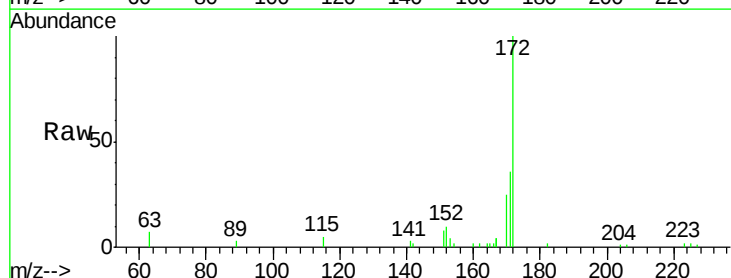
Instrument :
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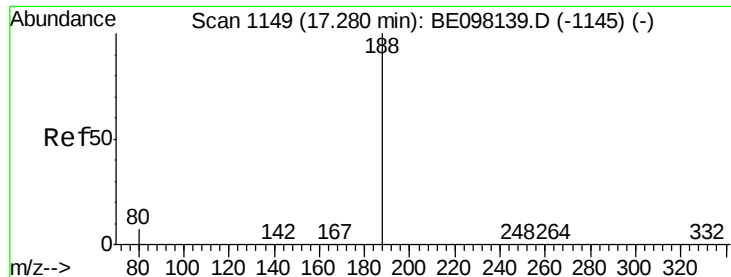
Tgt Ion: 330 Resp: 615
 Ion Ratio Lower Upper
 330 100
 332 93.0 76.5 114.7
 141 85.7 31.8 47.6#



#15
 2-Fluorobiphenyl
 Concen: 0.449 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BE098161.D
 Acq: 5 Nov 2018 14:42

Tgt Ion: 172 Resp: 5958
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.0 39.0
 170 24.9 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098161.D

Acq: 5 Nov 2018 14:42

Instrument :

BNA_E

ClientSampleId :

CPS113081

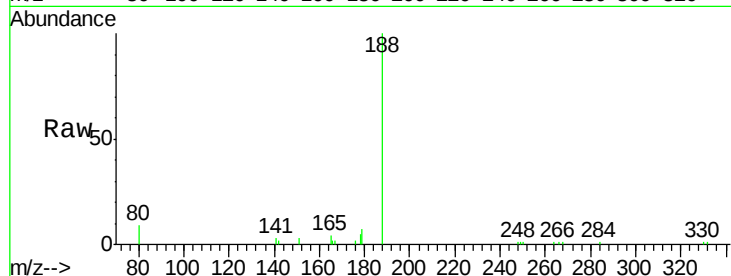
Tgt Ion:188 Resp: 7228

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

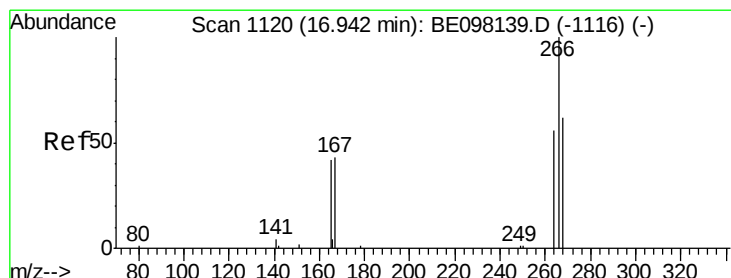
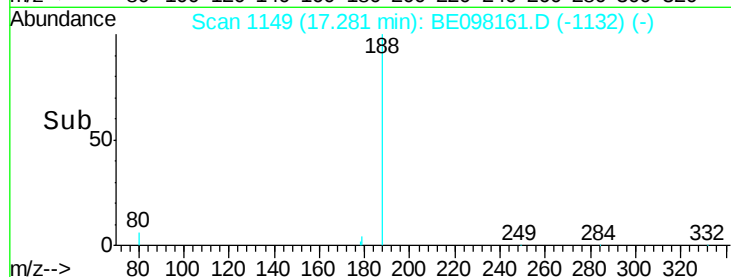
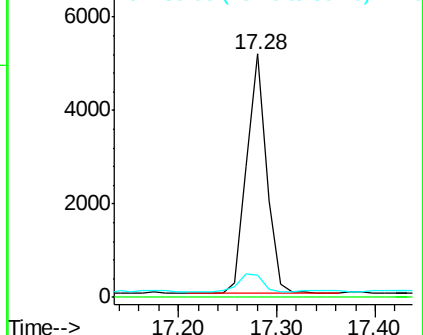
80 9.0 6.3 9.5



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: 0.177 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098161.D

Acq: 5 Nov 2018 14:42

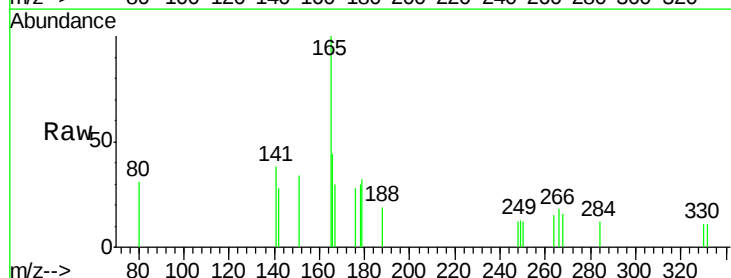
Tgt Ion:266 Resp: 59

Ion Ratio Lower Upper

266 100

264 82.2 51.3 76.9#

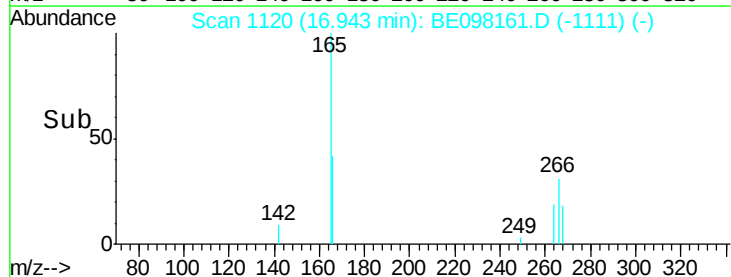
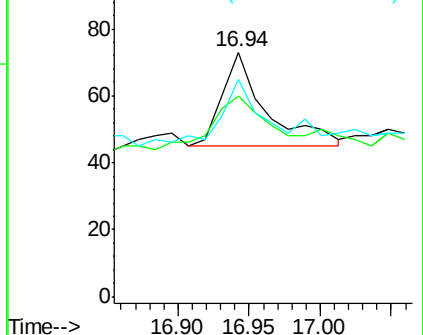
268 89.0 50.1 75.1#

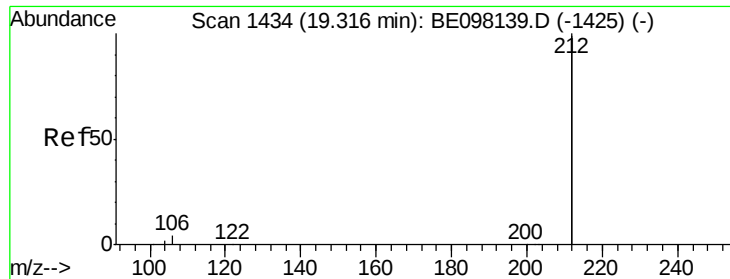


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098161.D

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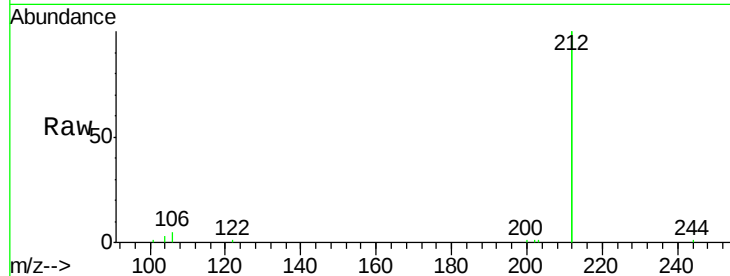
Tgt Ion:212 Resp: 35841

Ion Ratio Lower Upper

212 100

106 2.2 2.3 3.5#

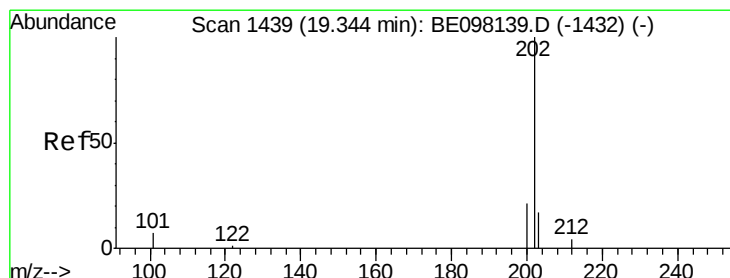
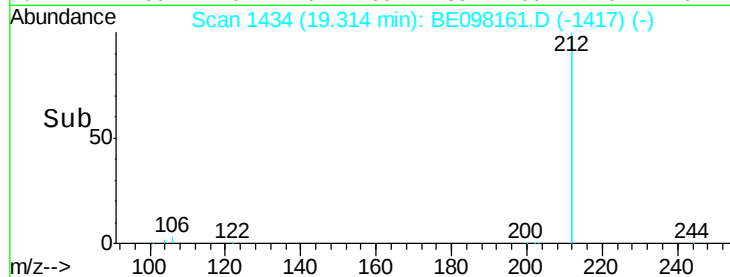
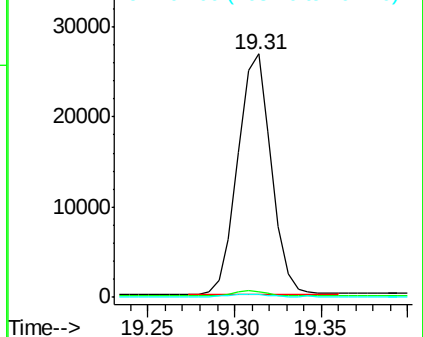
104 1.2 1.3 1.9#



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



#26

Fluoranthene

Concen: 0.061 ng

RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098161.D

Acq: 5 Nov 2018 14:42

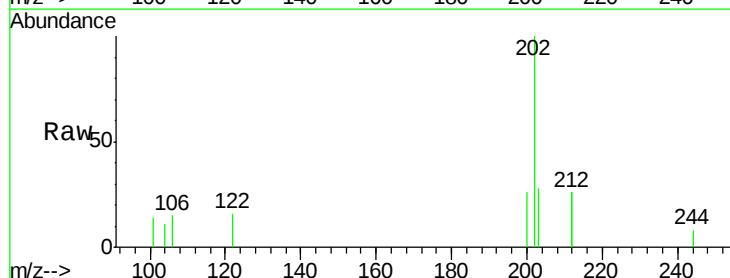
Tgt Ion:202 Resp: 1368

Ion Ratio Lower Upper

202 100

101 12.4 8.2 12.2#

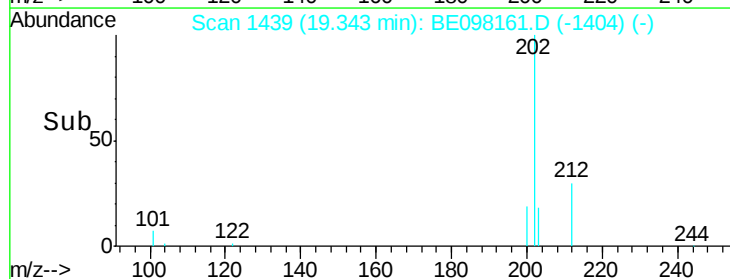
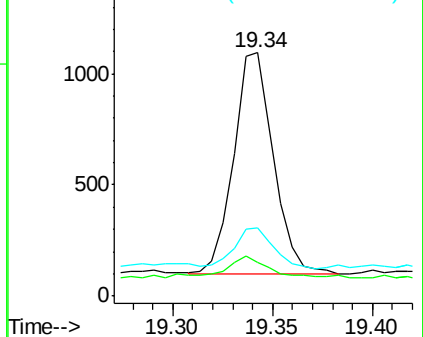
203 18.3 15.0 22.4

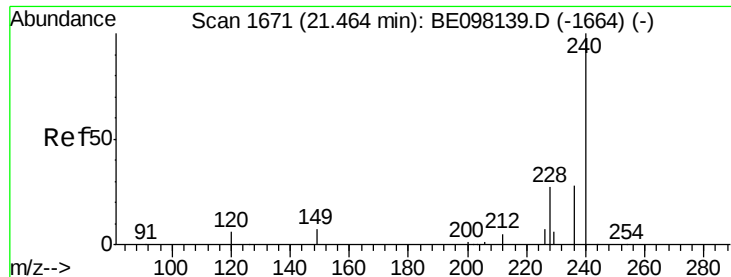


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098161.D

Acq: 5 Nov 2018 14:42

Instrument :

BNA_E

ClientSampleId :

CPS113081

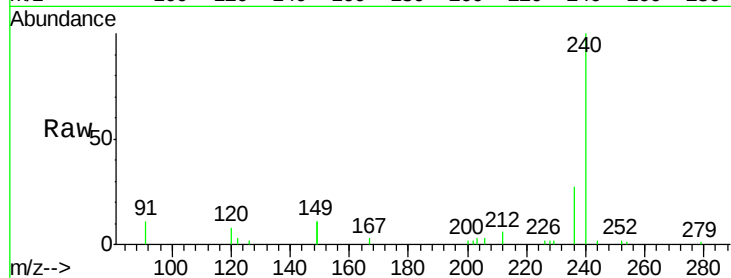
Tgt Ion:240 Resp: 8219

Ion Ratio Lower Upper

240 100

120 8.5 7.1 10.7

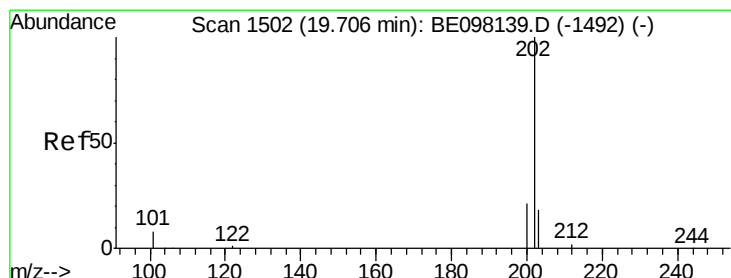
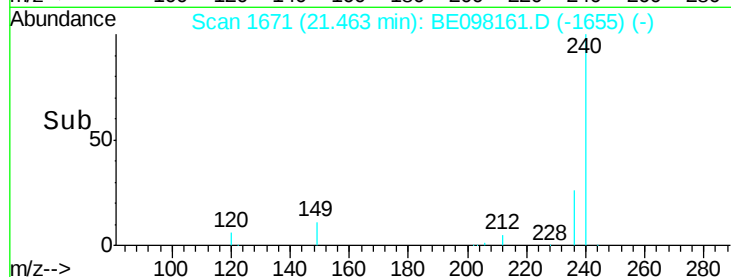
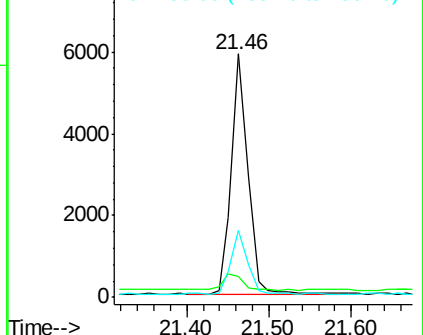
236 27.4 21.3 31.9



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



#28

Pyrene

Concen: 0.128 ng

RT: 19.70 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE098161.D

Acq: 5 Nov 2018 14:42

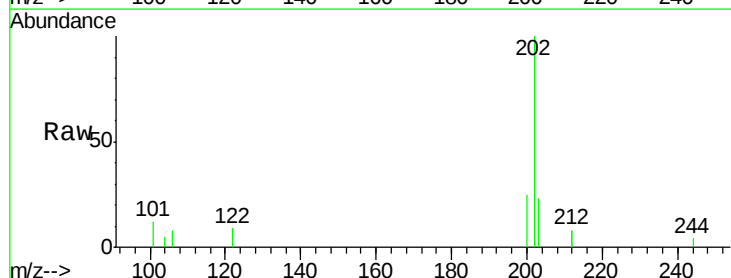
Tgt Ion:202 Resp: 2872

Ion Ratio Lower Upper

202 100

200 21.8 17.0 25.4

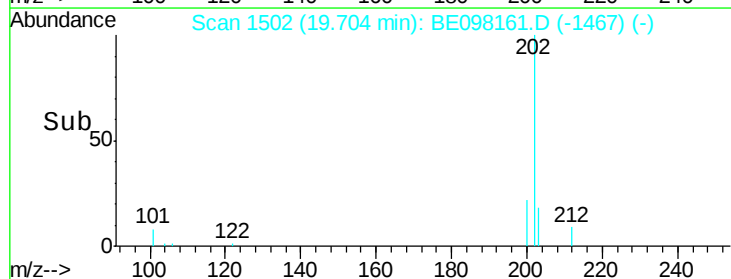
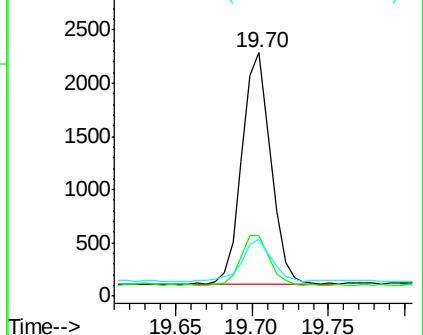
203 19.1 14.2 21.4

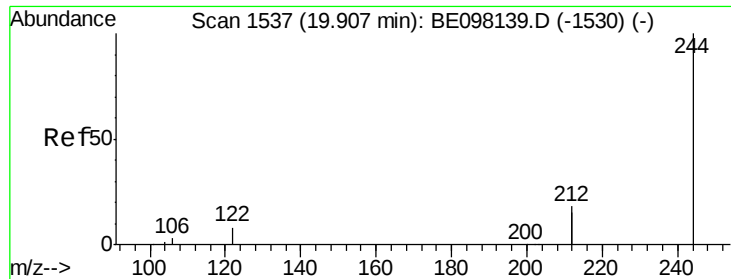


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.447 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098161.D

Acq: 5 Nov 2018 14:42

Instrument :

BNA_E

ClientSampleId :

CPS113081

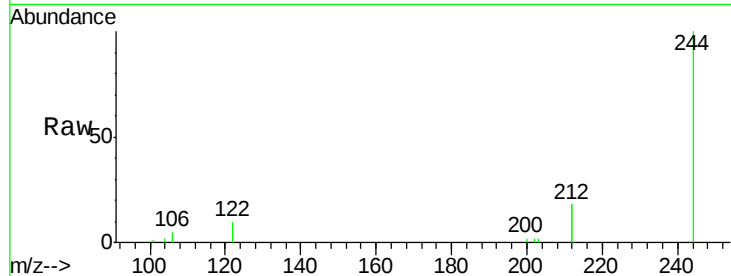
Tgt Ion:244 Resp: 8544

Ion Ratio Lower Upper

244 100

212 37.0 26.2 39.2

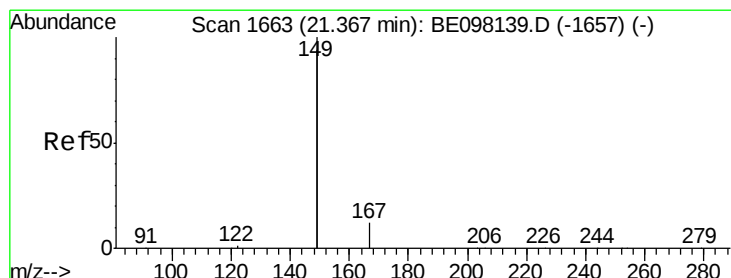
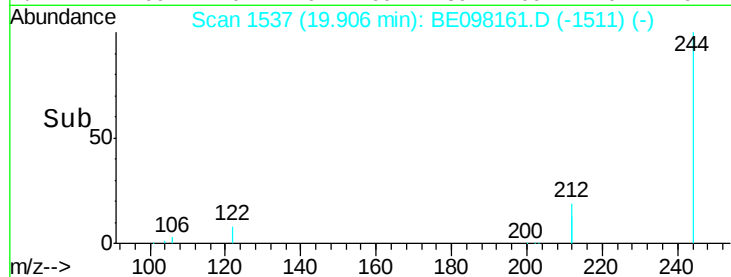
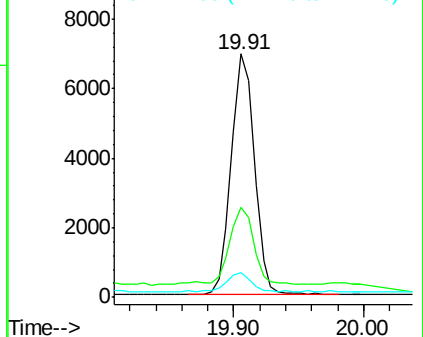
122 10.2 7.7 11.5



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: 0.106 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098161.D

Acq: 5 Nov 2018 14:42

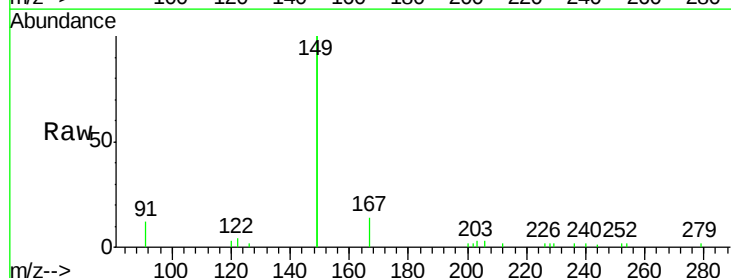
Tgt Ion:149 Resp: 13685

Ion Ratio Lower Upper

149 100

167 7.1 5.6 8.4

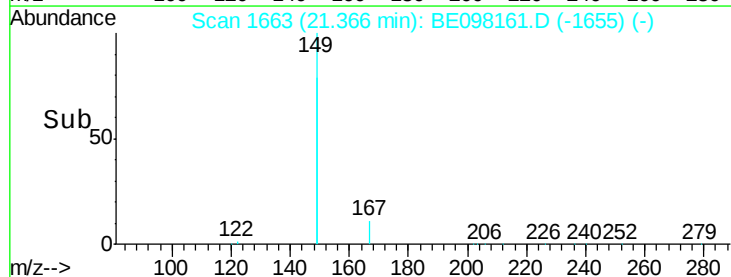
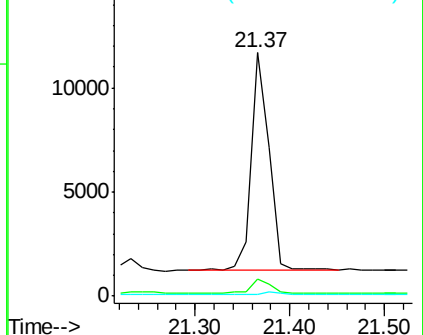
279 1.4 0.9 1.3#

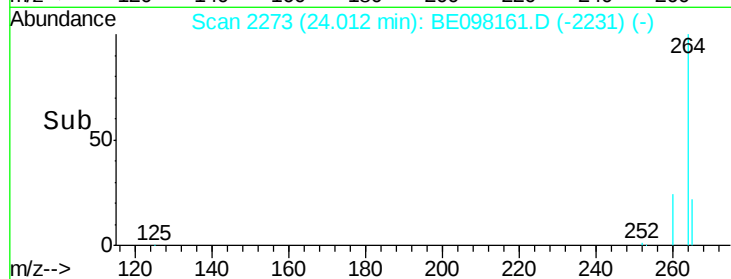
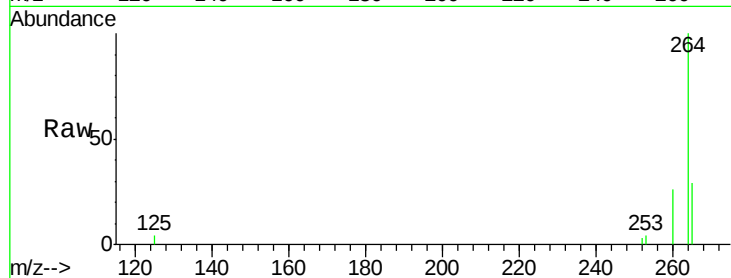
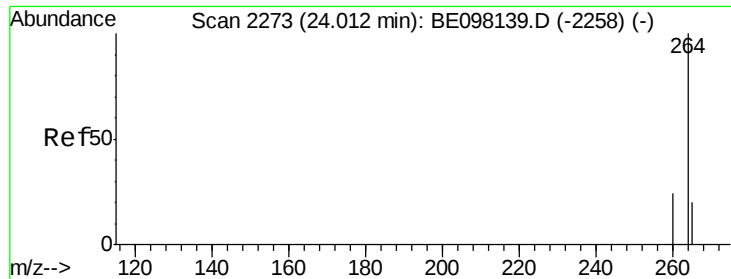


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.01 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE098161.D

Acq: 5 Nov 2018 14:42

Instrument :

BNA_E

ClientSampleId :

CPS113081

Tgt Ion: 264 Resp: 7882

Ion Ratio Lower Upper

264 100

260 25.8 21.1 31.7

265 29.4 29.2 43.8

