

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110518\
 Data File : BE098159.D
 Acq On : 5 Nov 2018 13:27
 Operator : SJ/JU
 Sample : J5780-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS07381

Quant Time: Nov 05 16:09:57 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

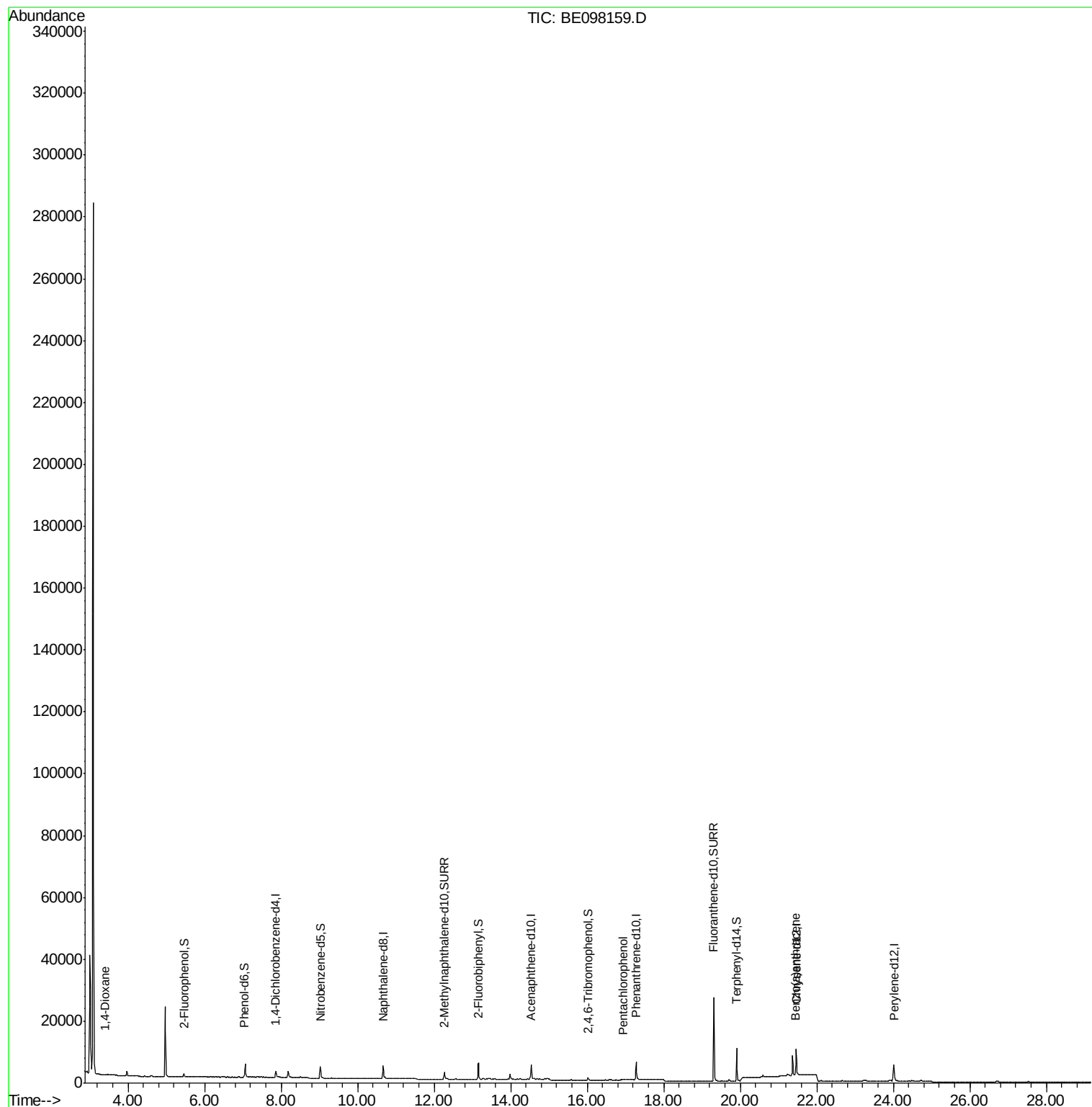
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	977	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	4505	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3113	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	7510	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8576	0.40	ng	0.00
34) Perylene-d12	24.01	264	8307	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	519	0.18	ng	0.00
5) Phenol-d6	7.05	99	515	0.11	ng	0.00
8) Nitrobenzene-d5	9.03	82	1653	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3007	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	472	0.32	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	5908	0.46	ng	0.00
25) Fluoranthene-d10	19.31	212	36434	0.38	ng	0.00
29) Terphenyl-d14	19.91	244	9122	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.38	88	32	0.022	ng	# 13
22) Pentachlorophenol	16.94	266	139	0.232	ng	# 75
30) Benzo(a)anthracene	21.45	228	531	0.021	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.37	149	7416	Below Cal		# 99

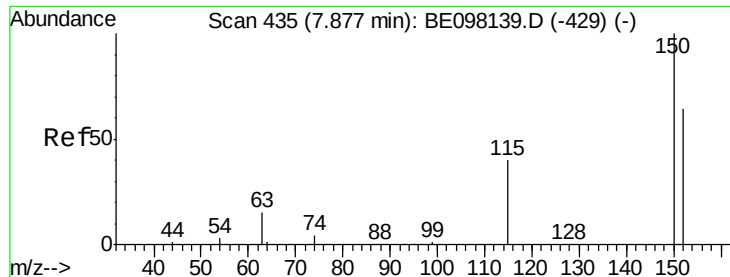
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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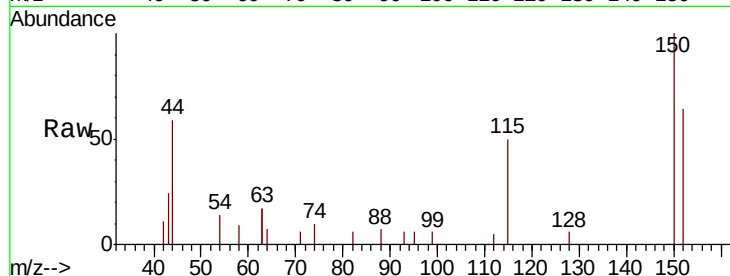


#1

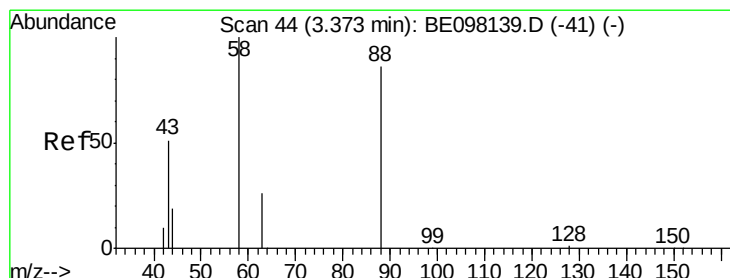
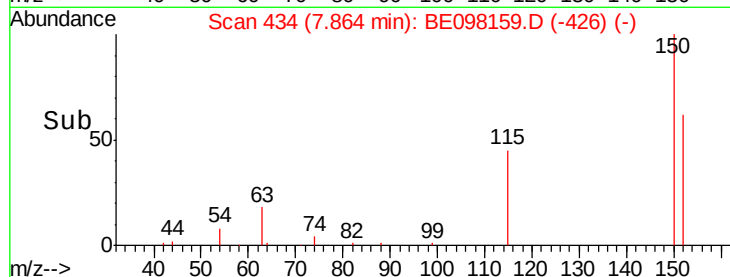
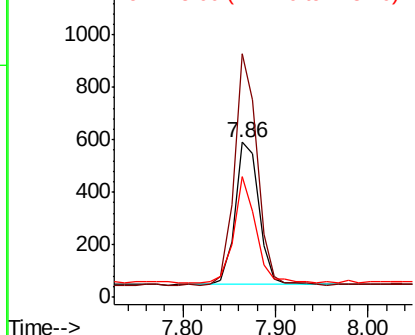
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.01 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Instrument :
BNA_E
ClientSampleId :
CPS07381

Tot Ion:152 Resp: 977
Ion Ratio Lower Upper
152 100
150 156.9 118.2 177.4
115 77.7 50.9 76.3#



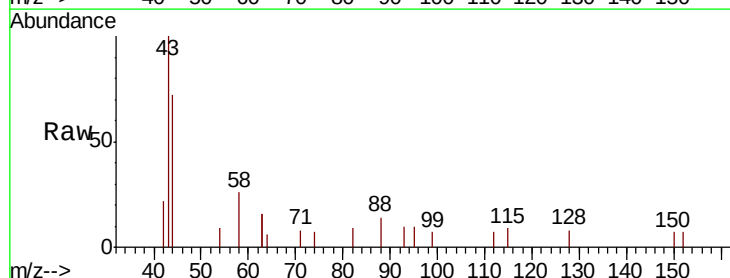
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



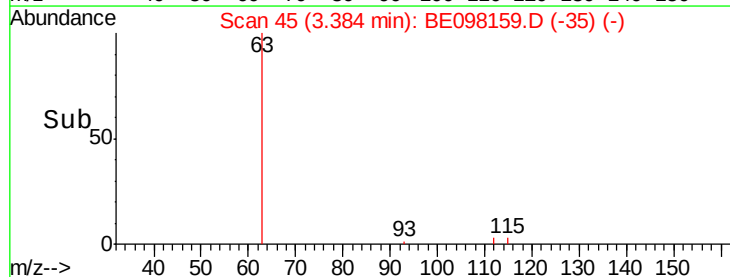
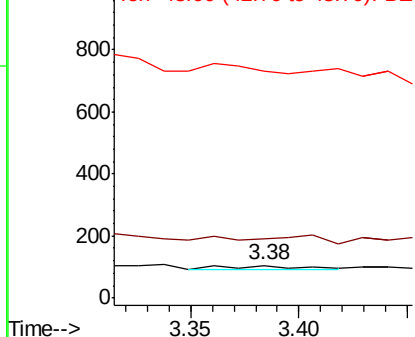
#2

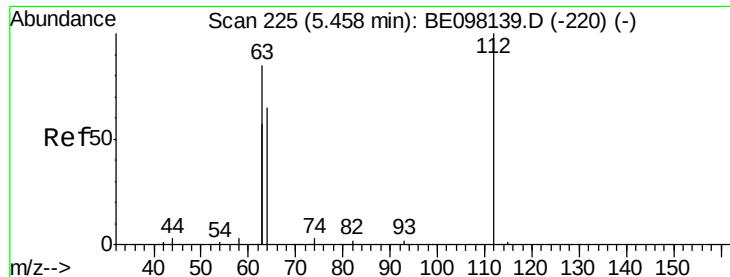
1,4-Dioxane
Concen: 0.022 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
58 0.0 73.2 109.8#
43 0.0 36.9 55.3#



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: 0.179 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098159.D

Acq: 5 Nov 2018 13:27

Instrument :

BNA_E

ClientSampleId :

CPS07381

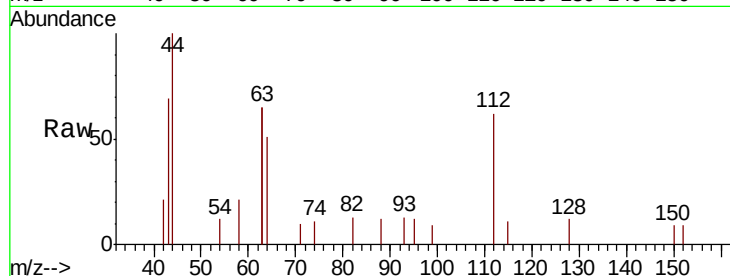
Tot Ion: 112 Resp: 519

Ion Ratio Lower Upper

112 100

64 81.5 58.9 88.3

63 214.1 120.3 180.5#



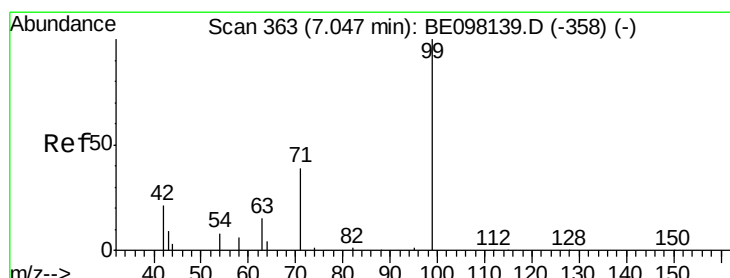
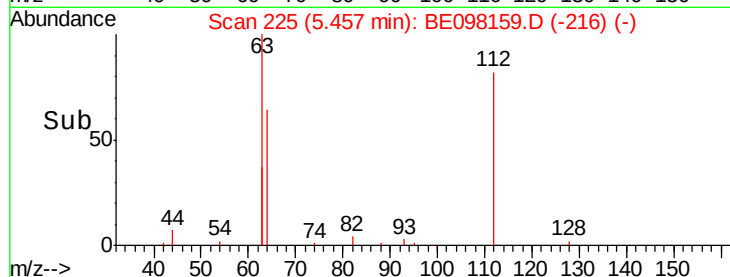
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.46

Time-->



#5

Phenol-d6

Concen: 0.108 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098159.D

Acq: 5 Nov 2018 13:27

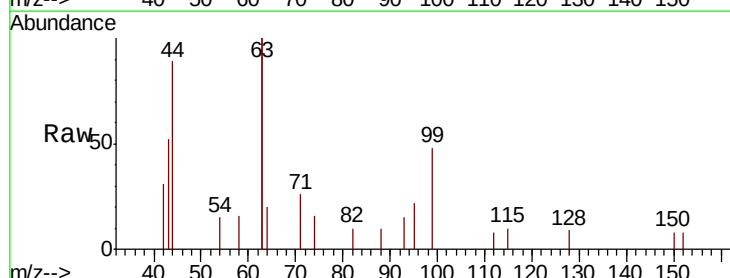
Tgt Ion: 99 Resp: 515

Ion Ratio Lower Upper

99 100

42 78.4 19.9 29.9#

71 0.0 27.8 41.8#



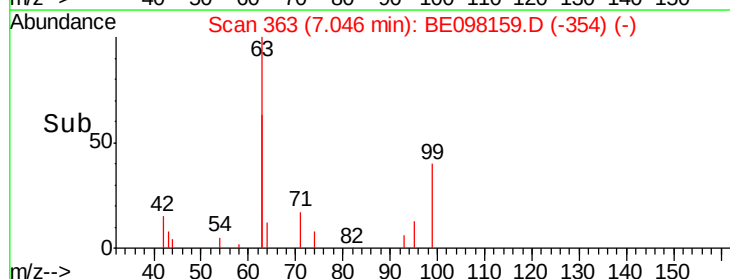
Abundance Ion 99.00 (98.70 to 99.70): BE0

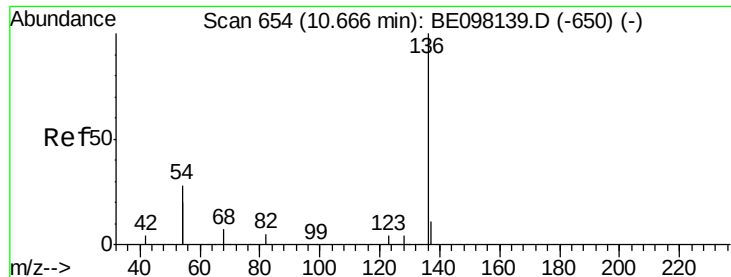
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.05

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098159.D

Acq: 5 Nov 2018 13:27

Instrument :

BNA_E

ClientSampleId :

CPS07381

Tot Ion:136 Resp: 4505

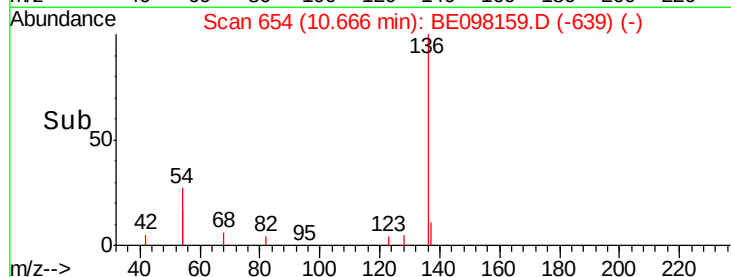
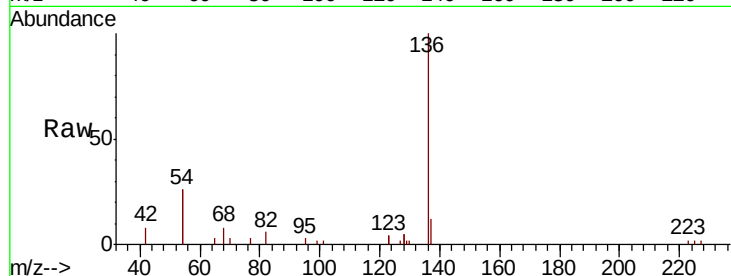
Ion Ratio Lower Upper

136 100

137 12.3 9.6 14.4

54 52.3 27.7 41.5#

68 8.1 5.3 7.9#

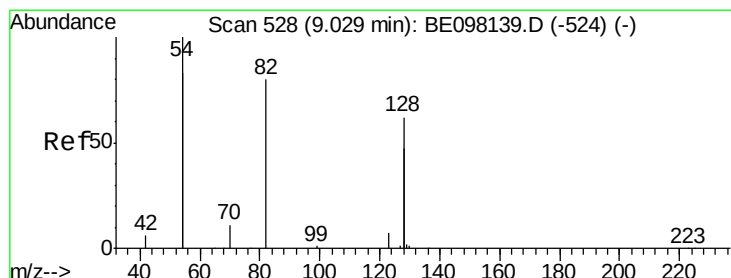
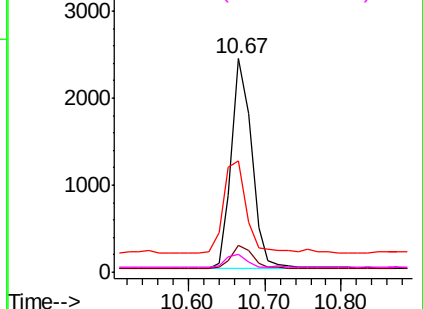


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.342 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098159.D

Acq: 5 Nov 2018 13:27

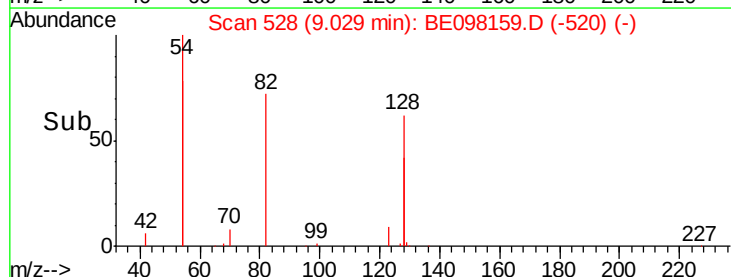
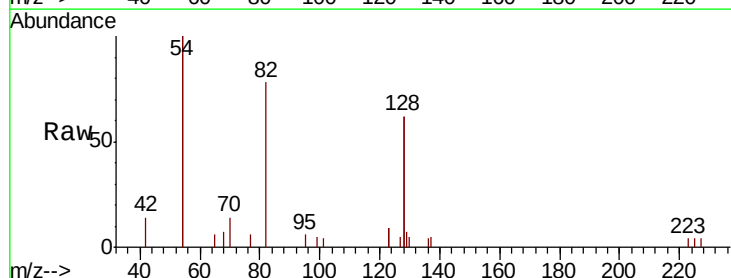
Tgt Ion: 82 Resp: 1653

Ion Ratio Lower Upper

82 100

128 158.7 129.9 194.9

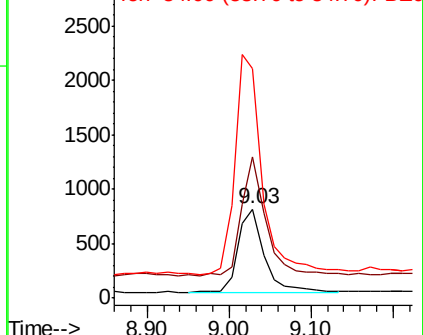
54 256.9 174.0 261.0

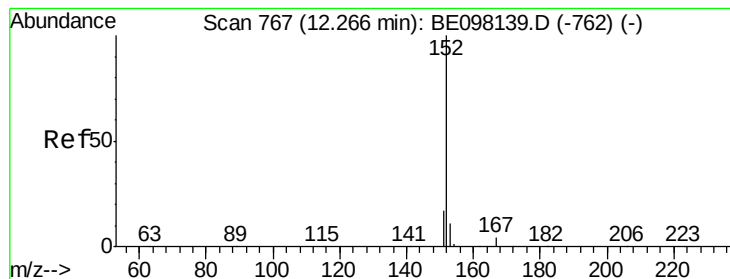


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.379 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098159.D

Acq: 5 Nov 2018 13:27

Instrument :

BNA_E

ClientSampleId :

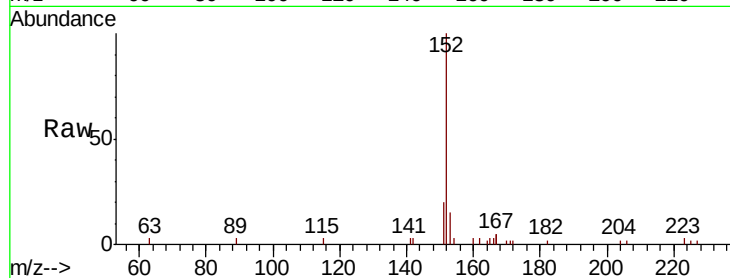
CPS07381

Tot Ion:152 Resp: 3007

Ion Ratio Lower Upper

152 100

151 20.1 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

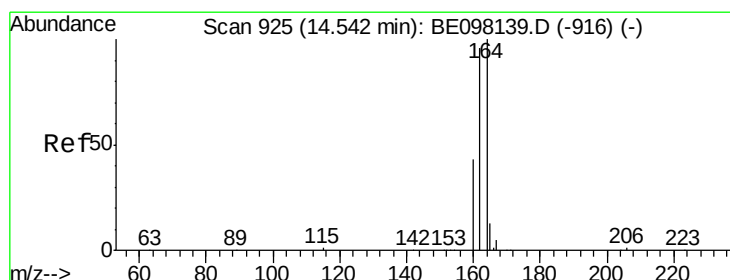
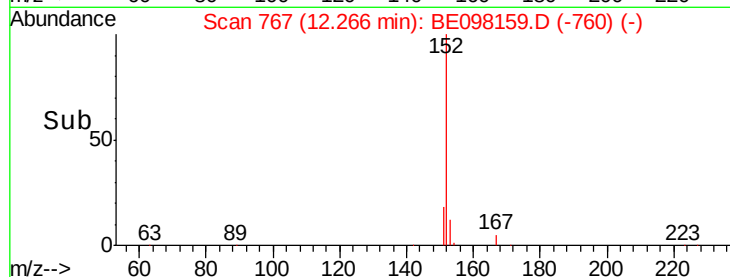
1000

500

0

12.20 12.30 12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.01 min

Lab File: BE098159.D

Acq: 5 Nov 2018 13:27

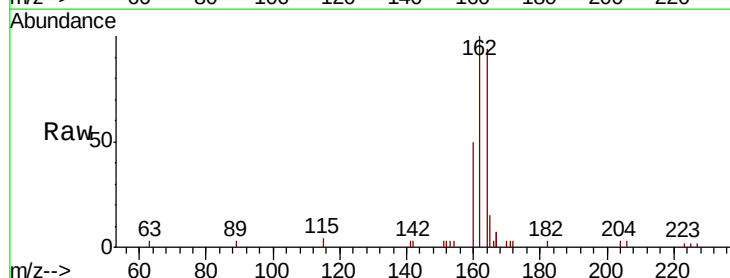
Tgt Ion:164 Resp: 3113

Ion Ratio Lower Upper

164 100

162 106.4 77.4 116.2

160 53.1 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

2500

2000

1500

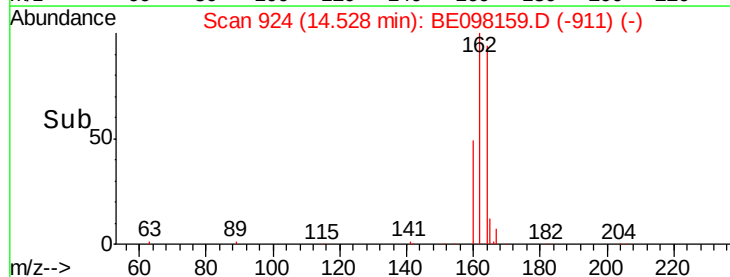
1000

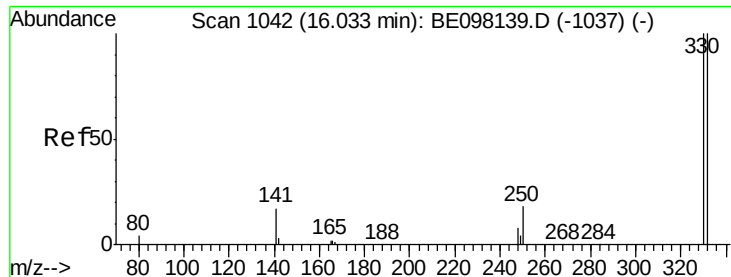
500

0

14.40 14.50 14.60 14.70

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.320 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BE098159.D

Acq: 5 Nov 2018 13:27

Instrument :

BNA_E

ClientSampleId :

CPS07381

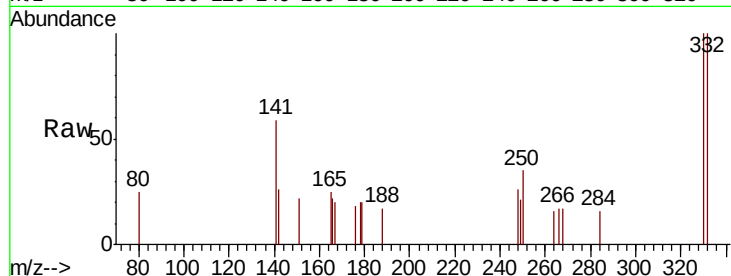
Tot Ion:330 Resp: 472

Ion Ratio Lower Upper

330 100

332 98.1 76.5 114.7

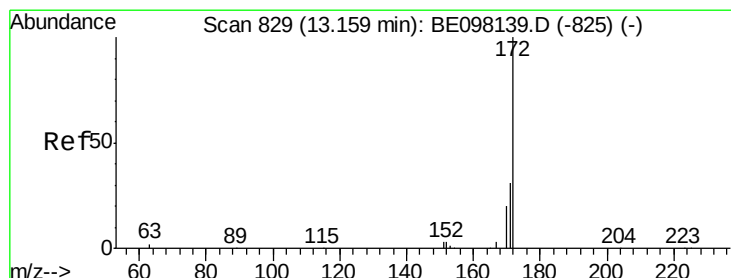
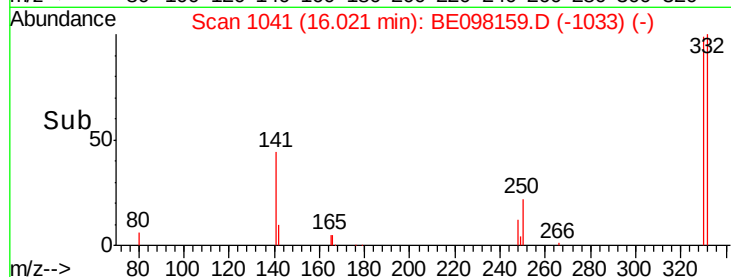
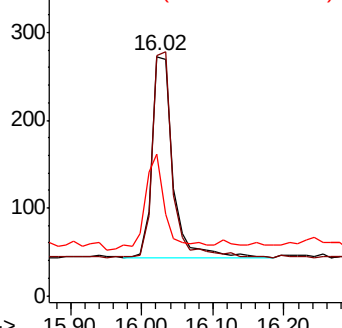
141 42.6 31.8 47.6



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: 0.462 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.00 min

Lab File: BE098159.D

Acq: 5 Nov 2018 13:27

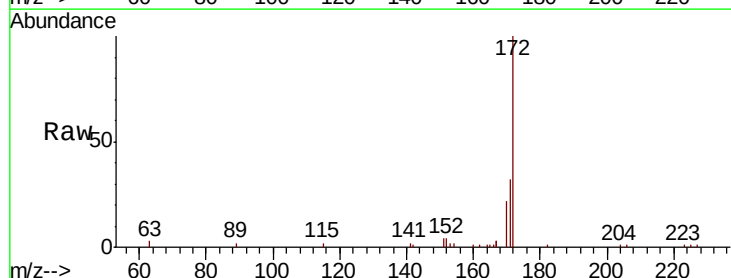
Tgt Ion:172 Resp: 5908

Ion Ratio Lower Upper

172 100

171 32.4 26.0 39.0

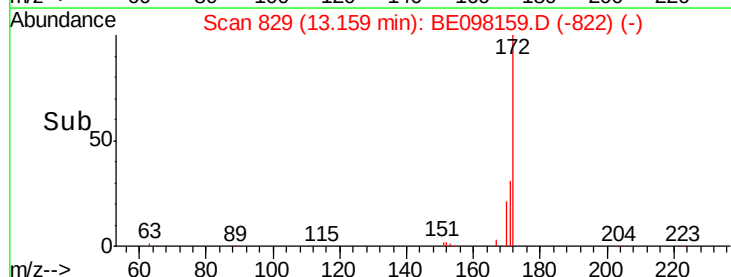
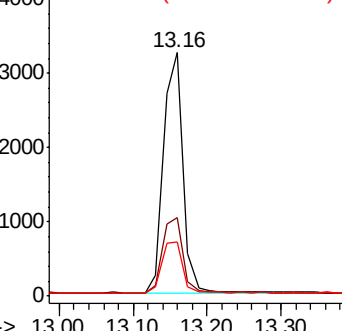
170 22.3 18.0 27.0

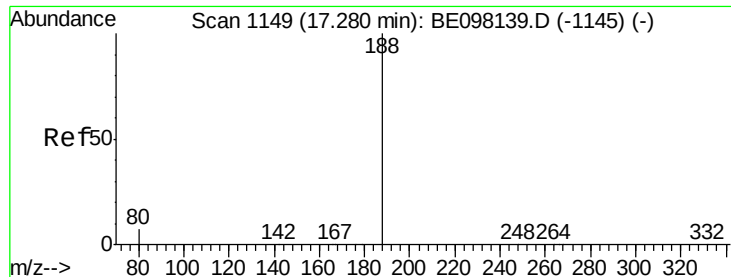


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098159.D

Acq: 5 Nov 2018 13:27

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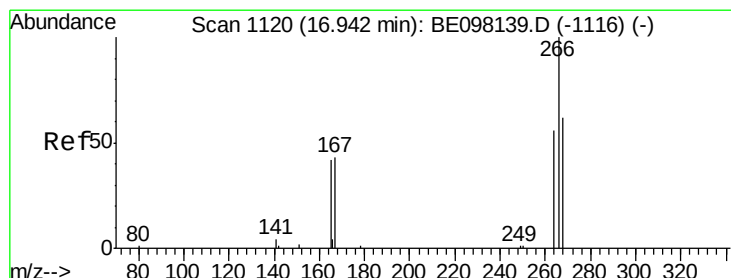
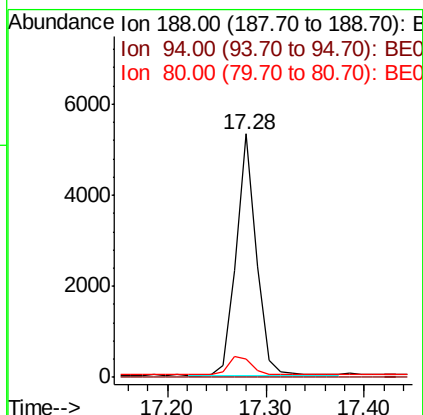
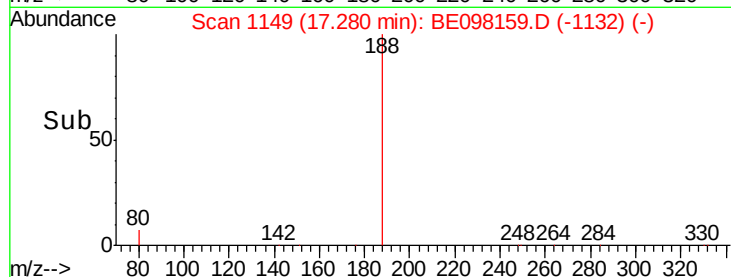
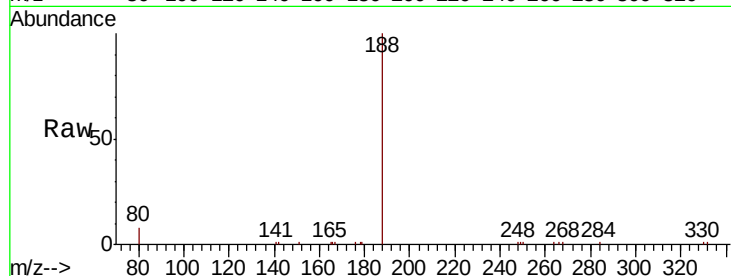
Tot Ion:188 Resp: 7510

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.7 6.3 9.5



#22

Pentachlorophenol

Concen: 0.232 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098159.D

Acq: 5 Nov 2018 13:27

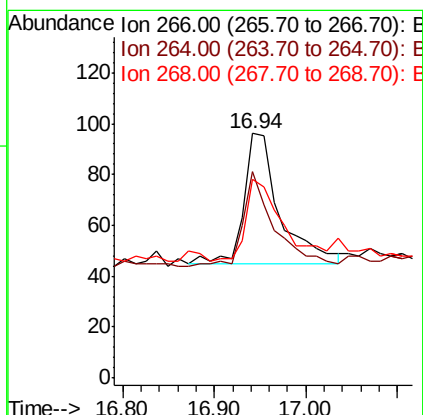
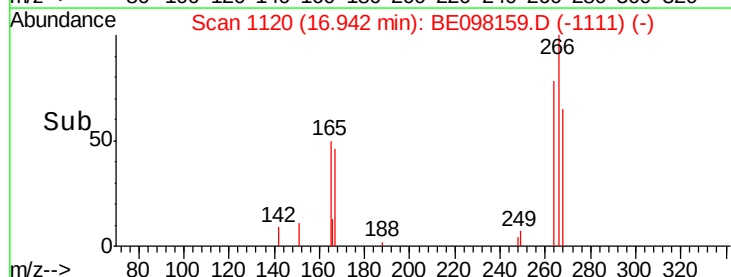
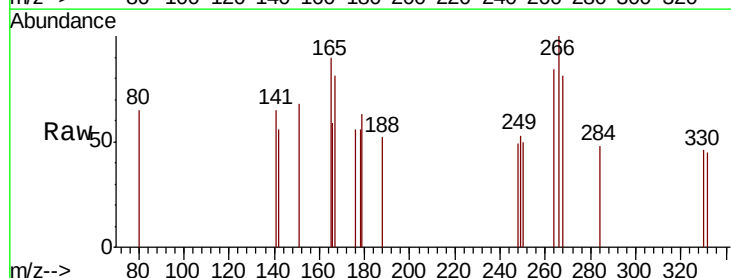
Tgt Ion:266 Resp: 139

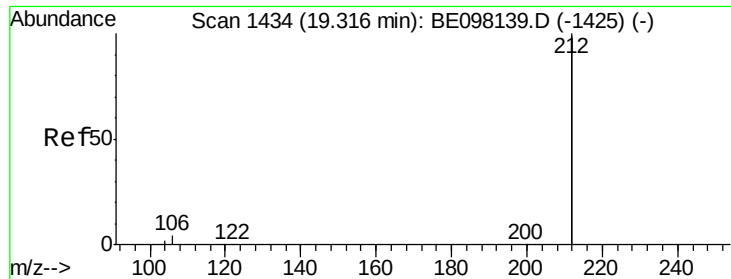
Ion Ratio Lower Upper

266 100

264 84.4 51.3 76.9#

268 81.3 50.1 75.1#





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE098159.D

Acq: 5 Nov 2018 13:27

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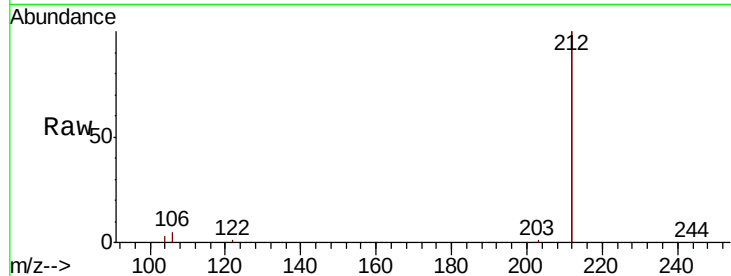
Tot Ion:212 Resp: 36434

Ion Ratio Lower Upper

212 100

106 2.0 2.3 3.5#

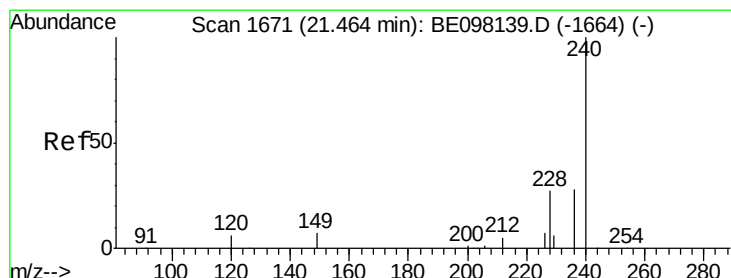
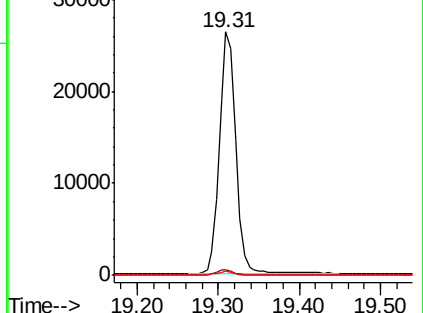
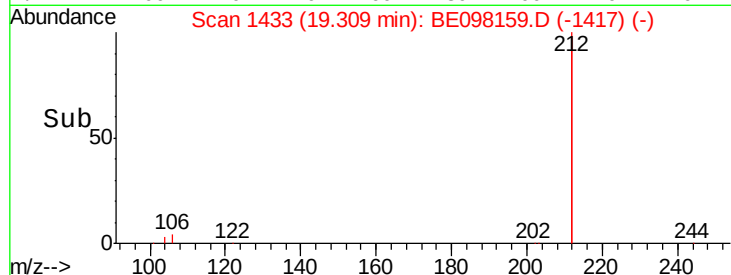
104 1.2 1.3 1.9#



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098159.D

Acq: 5 Nov 2018 13:27

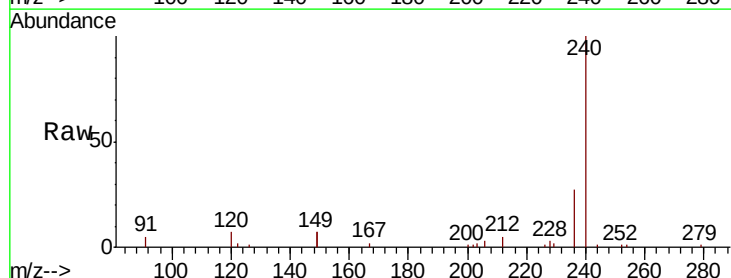
Tgt Ion:240 Resp: 8576

Ion Ratio Lower Upper

240 100

120 7.3 7.1 10.7

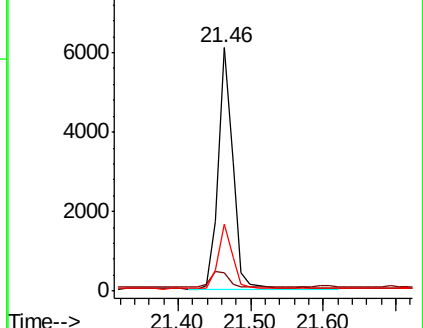
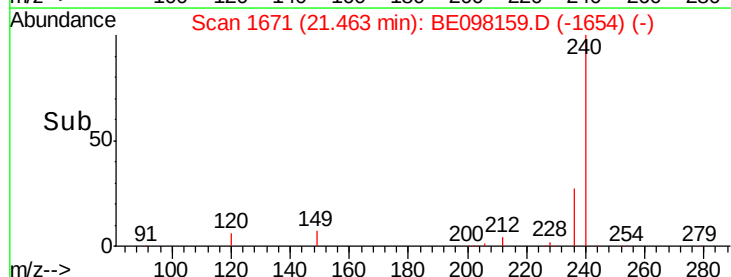
236 27.4 21.3 31.9

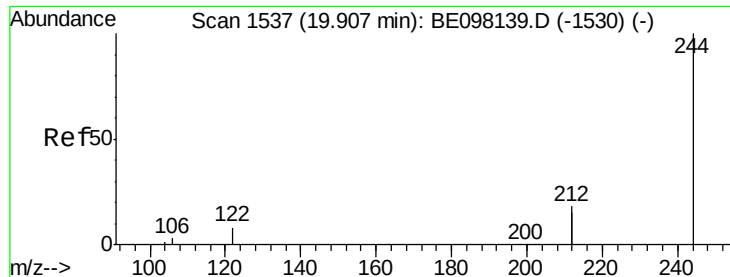


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.457 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098159.D

Acq: 5 Nov 2018 13:27

Instrument :

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CPS07381

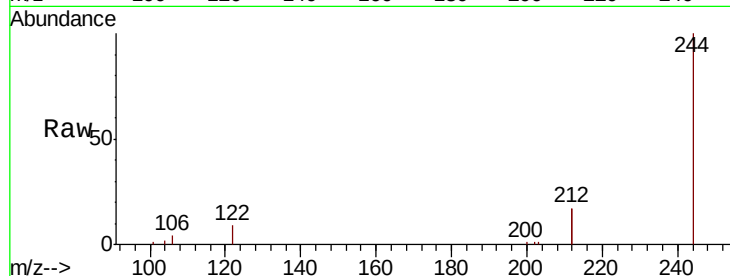
Tot Ion:244 Resp: 9122

Ion Ratio Lower Upper

244 100

212 34.2 26.2 39.2

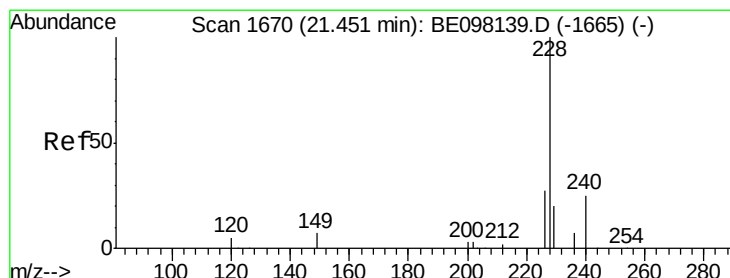
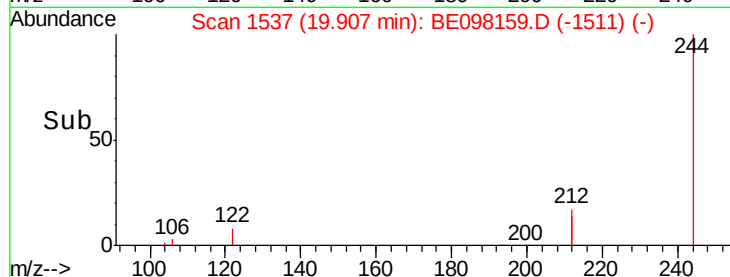
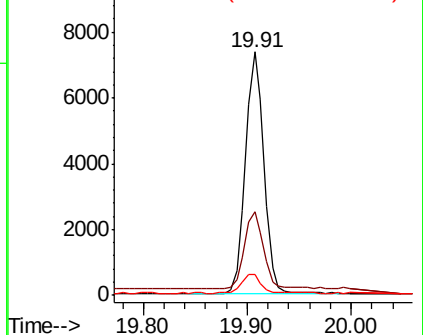
122 8.6 7.7 11.5



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



#30

Benzo(a)anthracene

Concen: 0.021 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098159.D

Acq: 5 Nov 2018 13:27

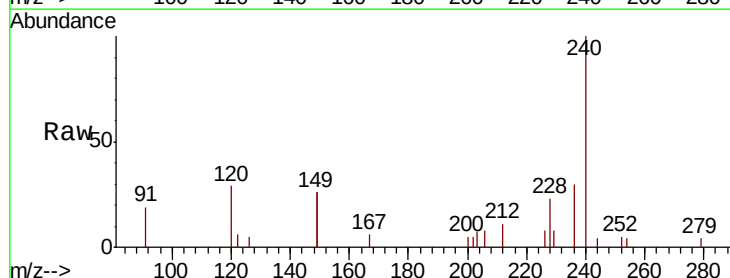
Tgt Ion:228 Resp: 531

Ion Ratio Lower Upper

228 100

226 35.6 22.6 33.8#

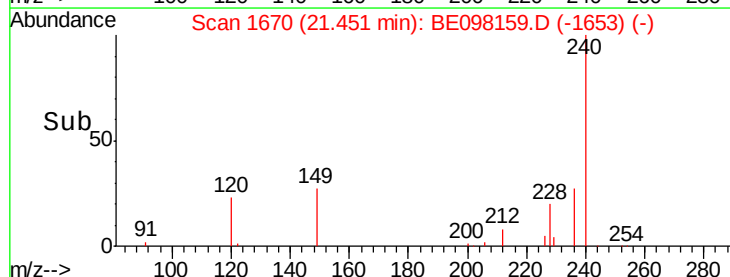
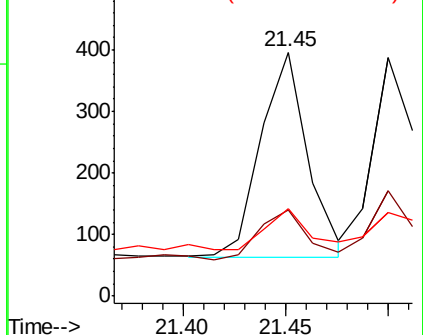
229 36.1 16.9 25.3#

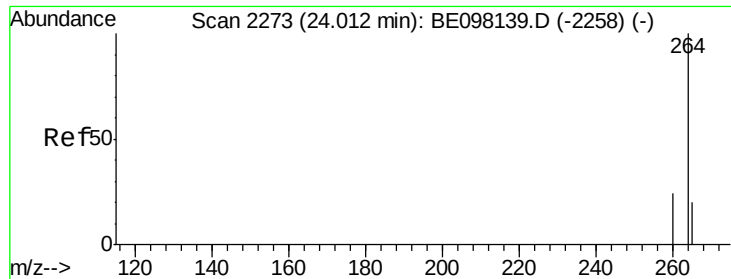


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#34
Pervlene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Instrument :
BNA_E
ClientSampleId :
CPS07381

Tot Ion:264 Resp: 8307
Ion Ratio Lower Upper
264 100
260 26.1 21.1 31.7
265 28.0 29.2 43.8#

