

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE113018\
 Data File : BE098288.D
 Acq On : 30 Nov 2018 15:58
 Operator : SJ/JU
 Sample : PB115203BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115203BL

Quant Time: Nov 30 16:34:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 13:50:43 2018
 Response via : Initial Calibration

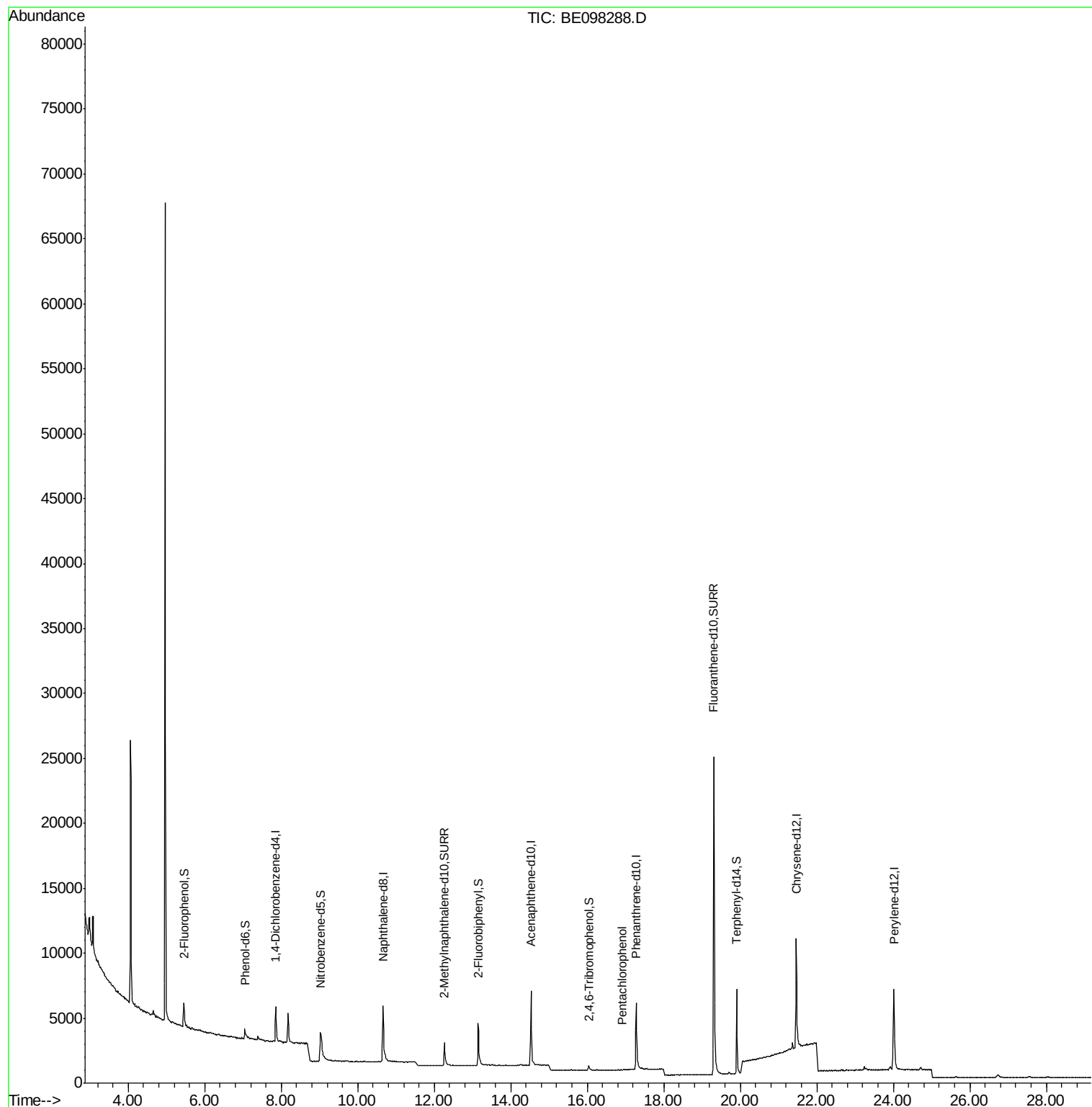
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1497	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6264	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3816	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9666	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10623	0.40	ng	0.00
34) Perylene-d12	24.01	264	10398	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1336	0.33	ng	0.01
5) Phenol-d6	7.05	99	1592	0.28	ng	0.01
8) Nitrobenzene-d5	9.03	82	1751	0.28	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3336	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	332	0.18	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	4832	0.31	ng	0.00
25) Fluoranthene-d10	19.31	212	40332	0.31	ng	0.00
29) Terphenyl-d14	19.91	244	6708	0.28	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.42	88	10	Below Cal	#	12
22) Pentachlorophenol	16.92	266	8	0.096 ng	#	74

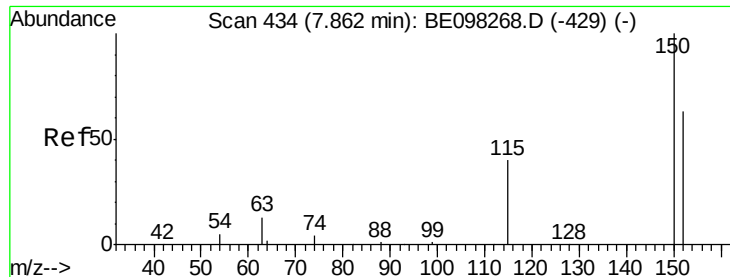
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098288.D

Acq: 30 Nov 2018 15:58

Instrument :

BNA_G

ClientSampleId :

PB115203BL

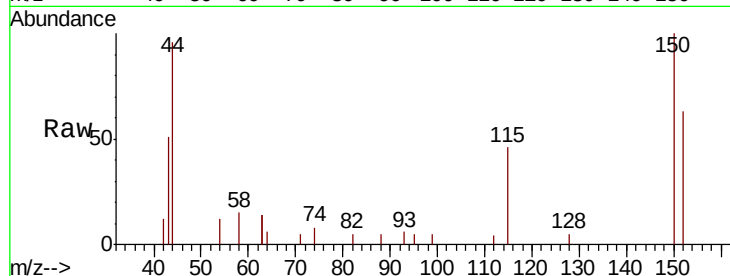
Tot Ion:152 Resp: 1497

Ion Ratio Lower Upper

152 100

150 157.7 124.2 186.4

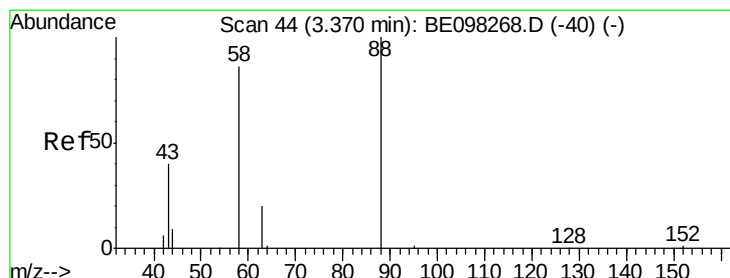
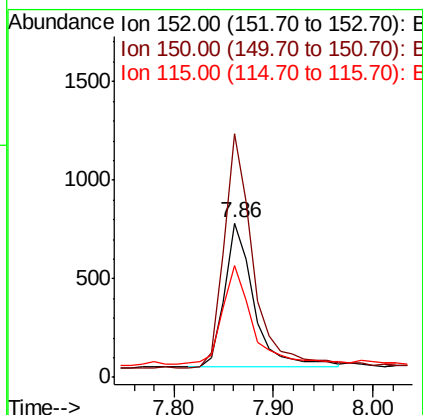
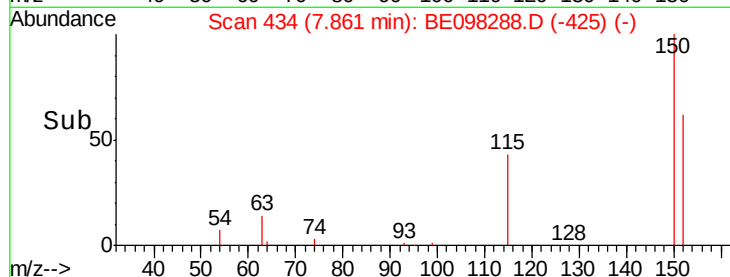
115 72.5 53.9 80.9



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: Below Cal

RT: 3.42 min Scan# 48

Delta R.T. 0.05 min

Lab File: BE098288.D

Acq: 30 Nov 2018 15:58

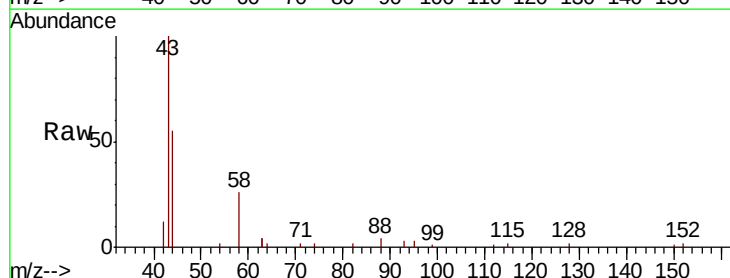
Tgt Ion: 88 Resp: 10

Ion Ratio Lower Upper

88 100

58 0.0 75.0 112.6#

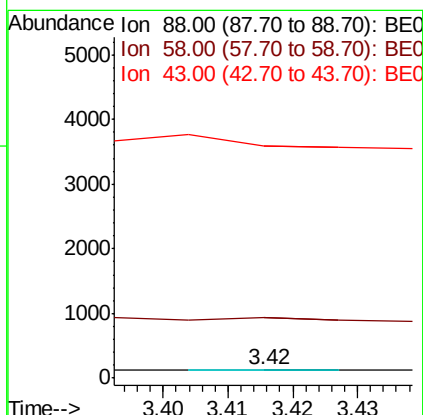
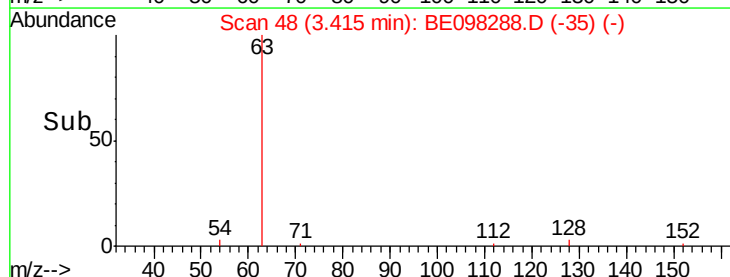
43 0.0 38.3 57.5#

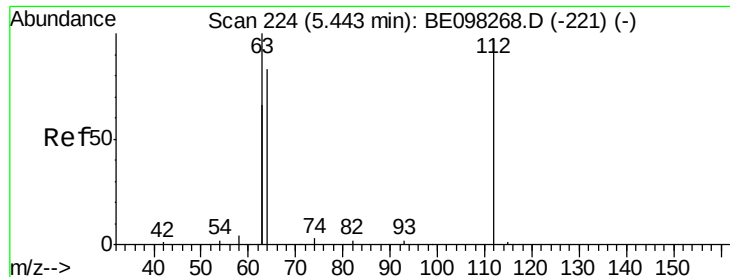


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.334 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098288.D

Acq: 30 Nov 2018 15:58

Instrument :

BNA_G

ClientSampleId :

PB115203BL

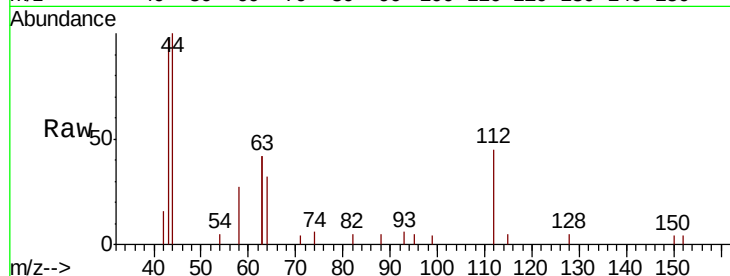
Tot Ion: 112 Resp: 1336

Ion Ratio Lower Upper

112 100

64 73.8 59.8 89.8

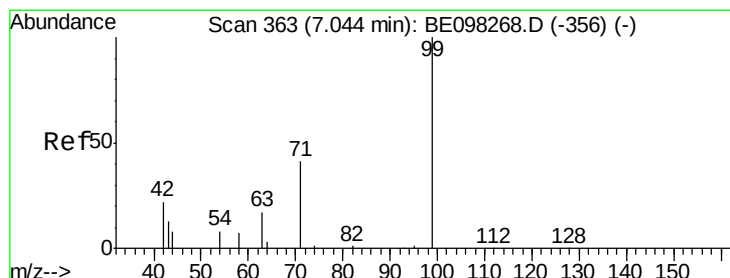
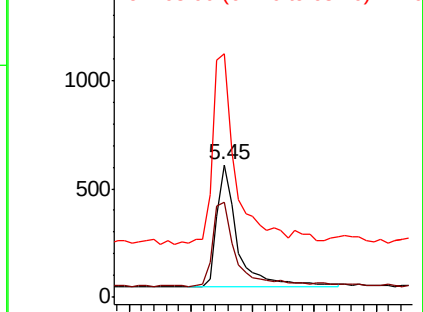
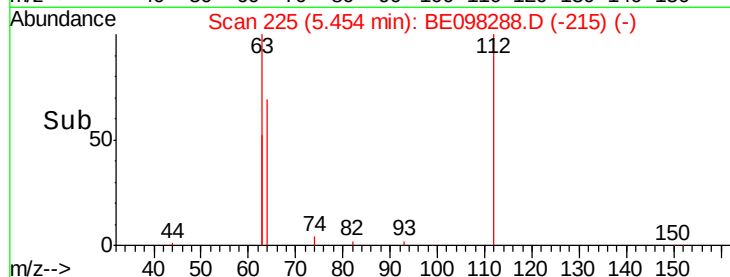
63 167.8 133.7 200.5



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: 0.283 ng

RT: 7.05 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098288.D

Acq: 30 Nov 2018 15:58

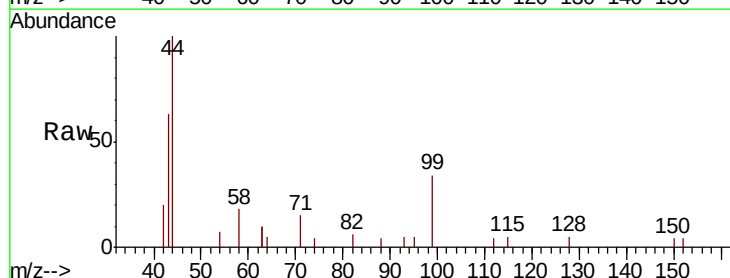
Tgt Ion: 99 Resp: 1592

Ion Ratio Lower Upper

99 100

42 24.7 26.3 39.5#

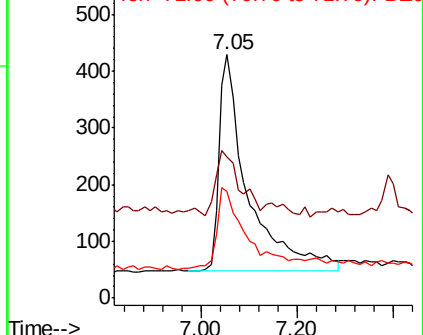
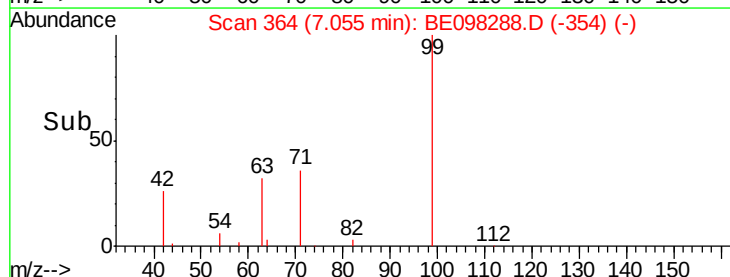
71 37.8 33.6 50.4

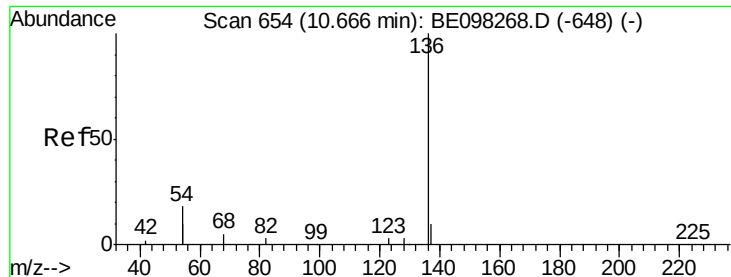


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098288.D

Acq: 30 Nov 2018 15:58

Instrument :

BNA_G

ClientSampleId :

PB115203BL

Tot Ion:136 Resp: 6264

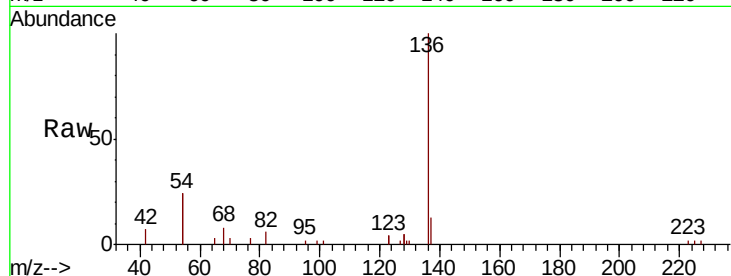
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 47.5 28.4 42.6#

68 8.1 5.4 8.0#

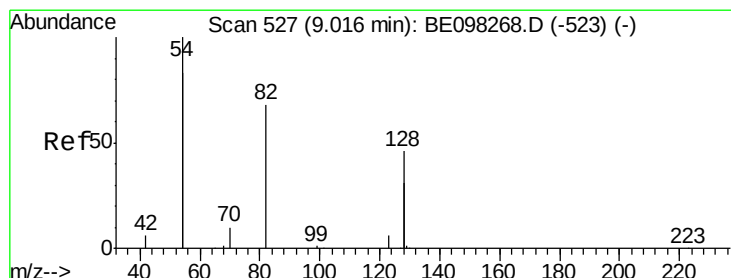
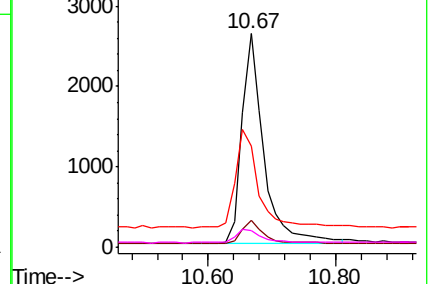
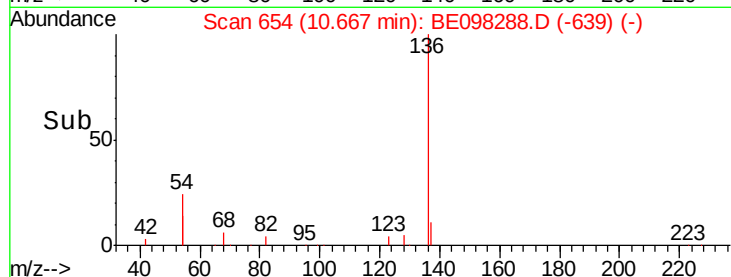


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.276 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098288.D

Acq: 30 Nov 2018 15:58

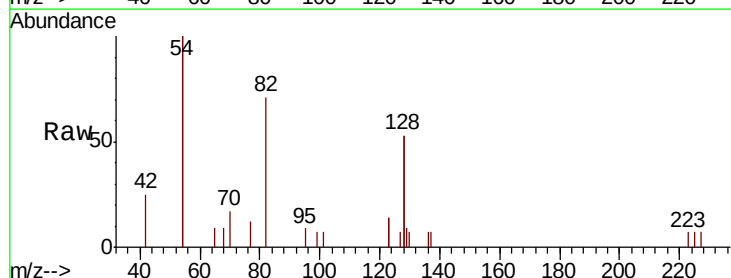
Tgt Ion: 82 Resp: 1751

Ion Ratio Lower Upper

82 100

128 149.4 102.4 153.6

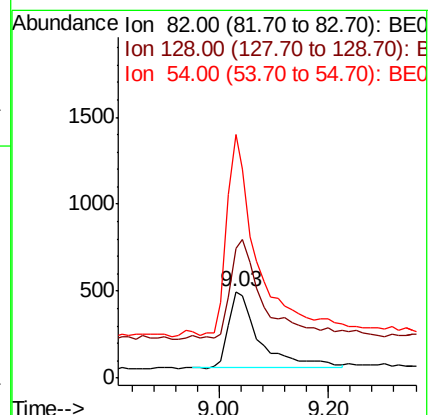
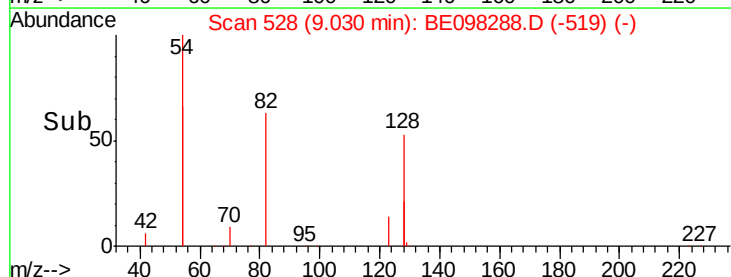
54 281.1 221.8 332.8

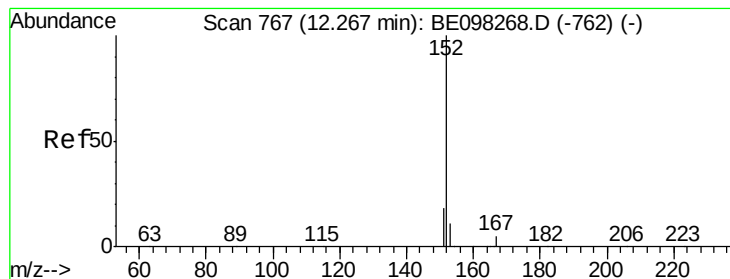


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.328 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098288.D

Acq: 30 Nov 2018 15:58

Instrument :

BNA_G

ClientSampleId :

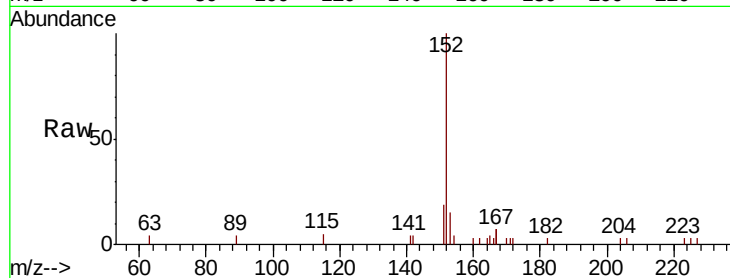
PB115203BL

Tot Ion:152 Resp: 3336

Ion Ratio Lower Upper

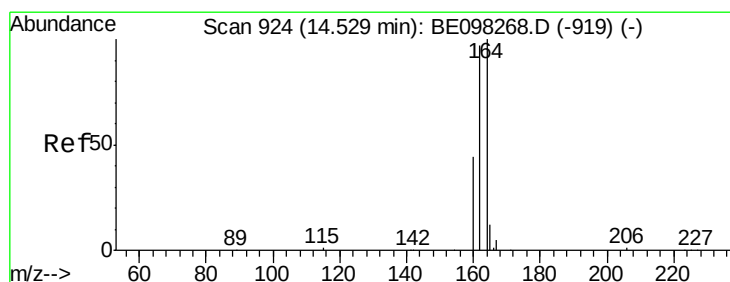
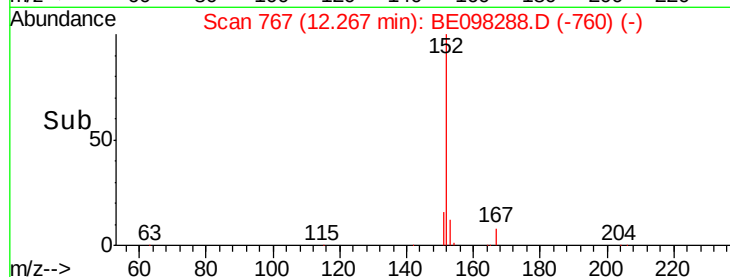
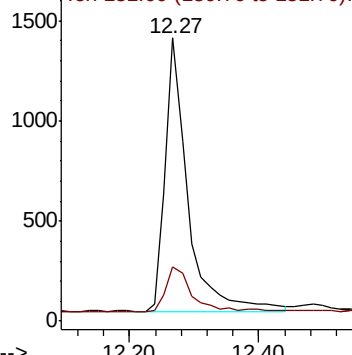
152 100

151 18.1 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: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098288.D

Acq: 30 Nov 2018 15:58

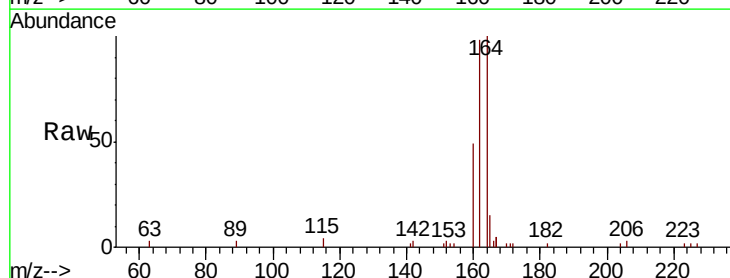
Tgt Ion:164 Resp: 3816

Ion Ratio Lower Upper

164 100

162 97.9 77.6 116.4

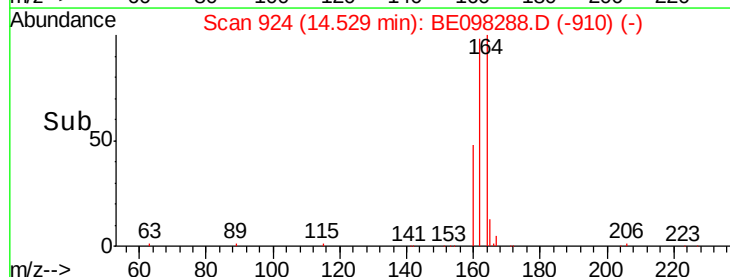
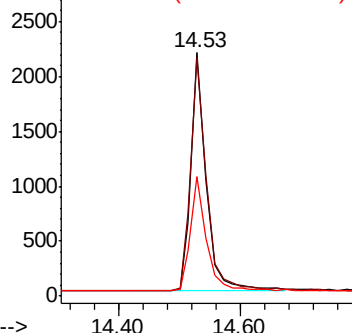
160 49.0 36.0 54.0

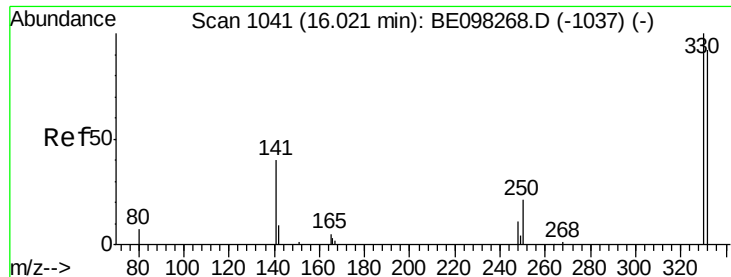


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

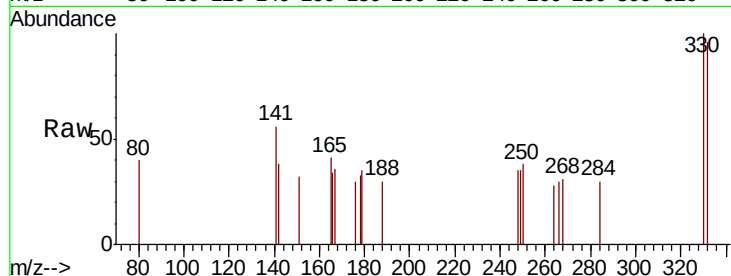




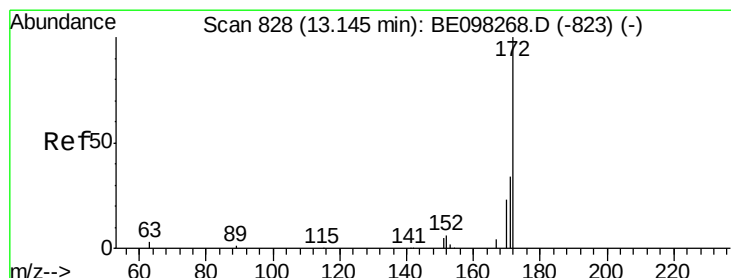
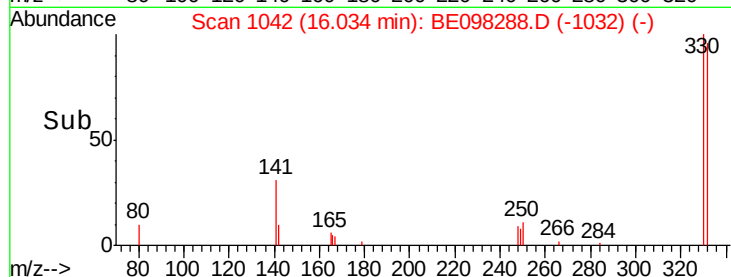
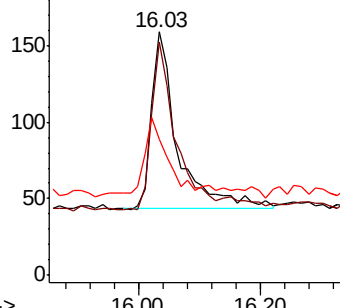
#14
 2,4,6-Tribromophenol
 Concen: 0.183 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098288.D
 Acq: 30 Nov 2018 15:58

Instrument :
 BNA_G
 ClientSampleId :
 PB115203BL

Tot Ion:330 Resp: 332
 Ion Ratio Lower Upper
 330 100
 332 90.4 76.2 114.4
 141 38.6 39.0 58.4#

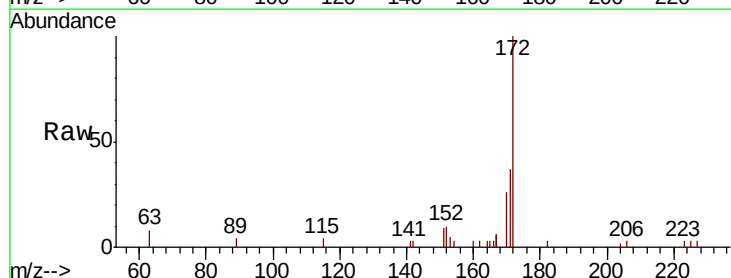


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

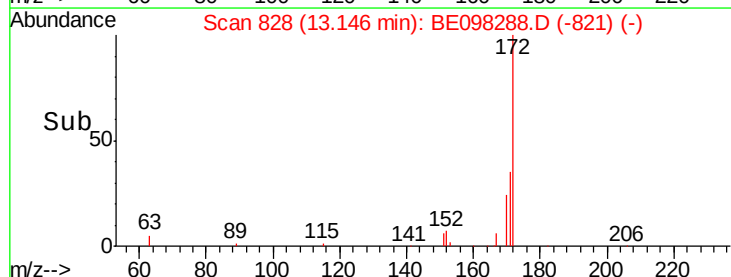
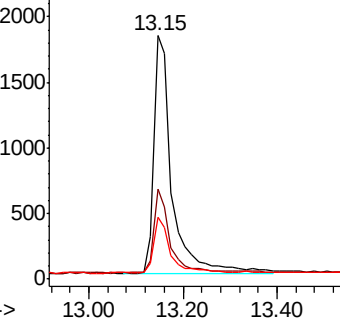


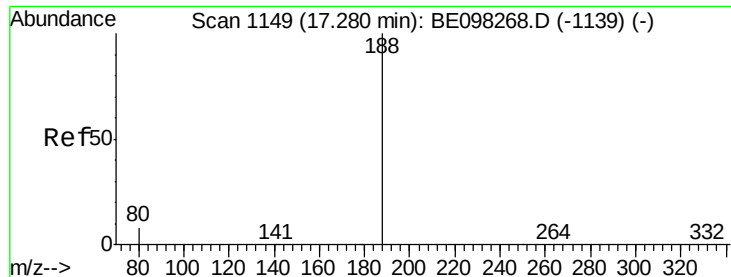
#15
 2-Fluorobiphenyl
 Concen: 0.306 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098288.D
 Acq: 30 Nov 2018 15:58

Tgt Ion:172 Resp: 4832
 Ion Ratio Lower Upper
 172 100
 171 36.7 27.5 41.3
 170 25.6 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: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098288.D

Acq: 30 Nov 2018 15:58

Instrument :

BNA_G

ClientSampleId :

PB115203BL

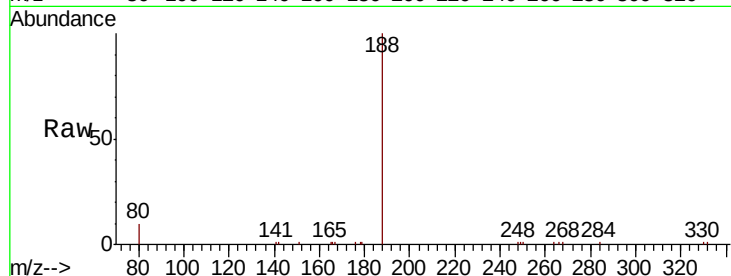
Tot Ion:188 Resp: 9666

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

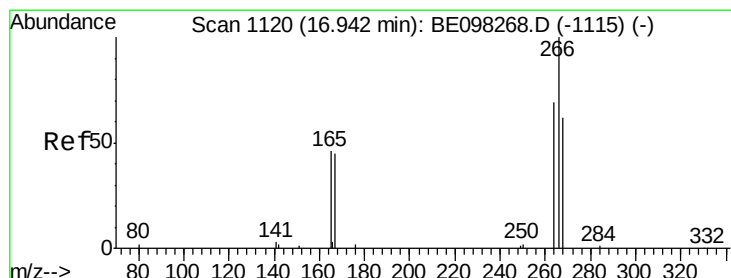
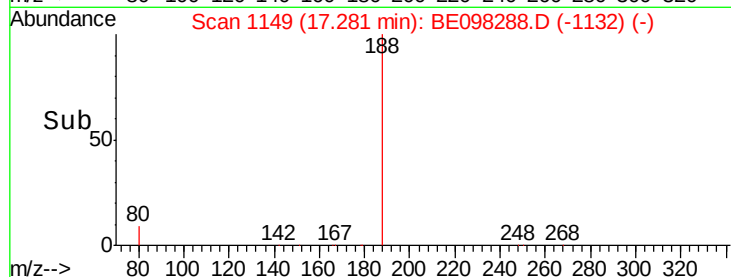
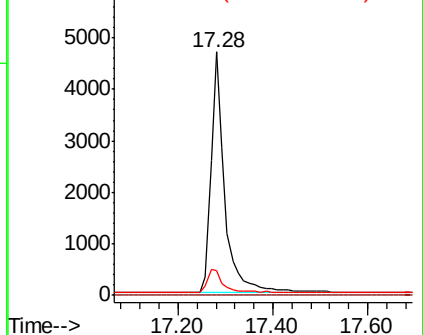
80 10.4 7.2 10.8



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: 0.096 ng

RT: 16.92 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BE098288.D

Acq: 30 Nov 2018 15:58

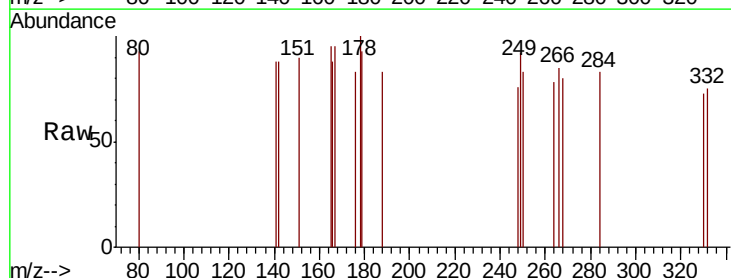
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 92.0 59.0 88.4#

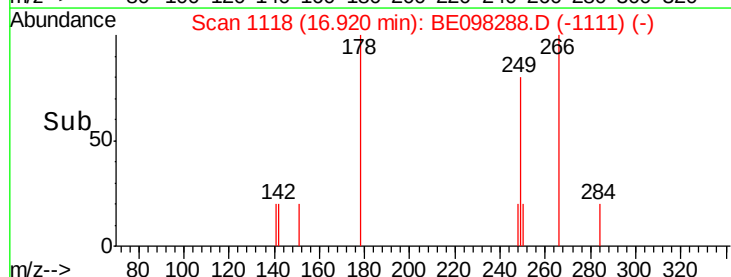
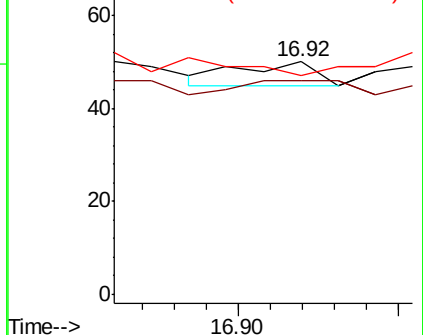
268 94.0 55.1 82.7#

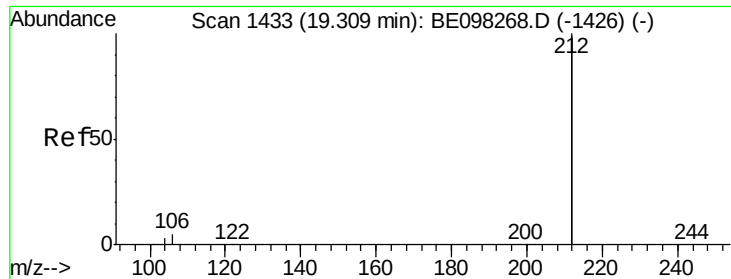


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.309 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098288.D

Acq: 30 Nov 2018 15:58

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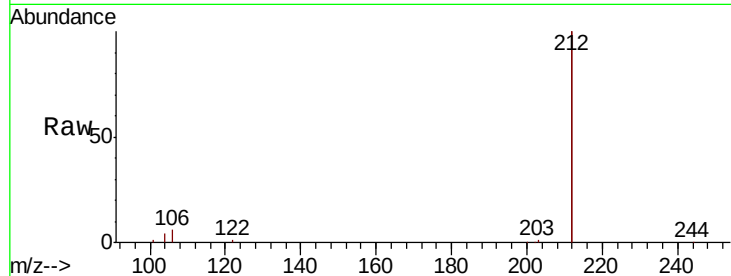
Tot Ion:212 Resp: 40332

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

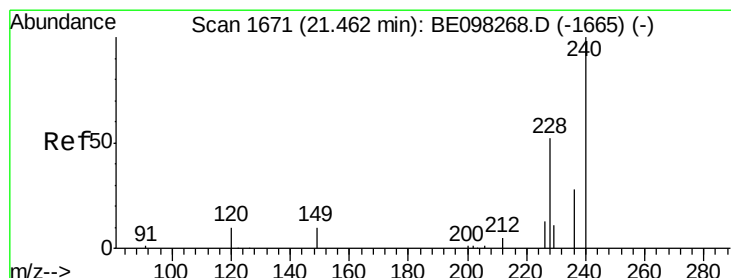
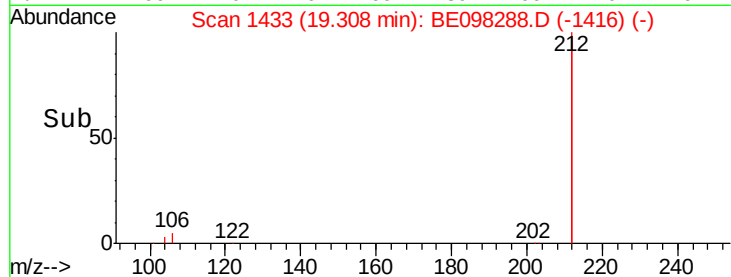
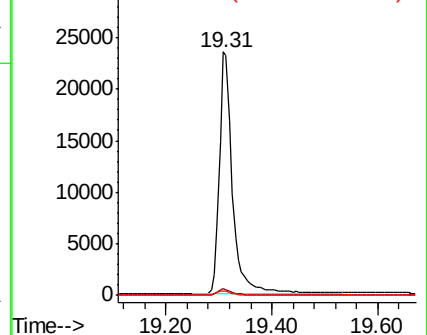
104 1.5 1.3 1.9



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: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098288.D

Acq: 30 Nov 2018 15:58

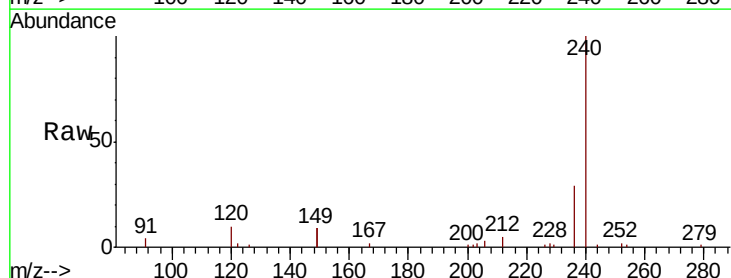
Tgt Ion:240 Resp: 10623

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

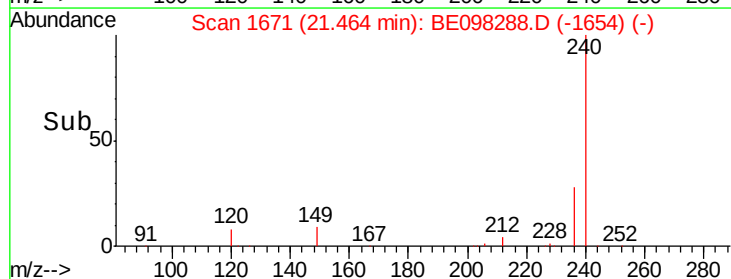
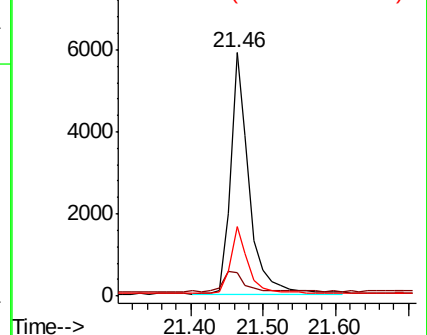
236 28.7 22.7 34.1

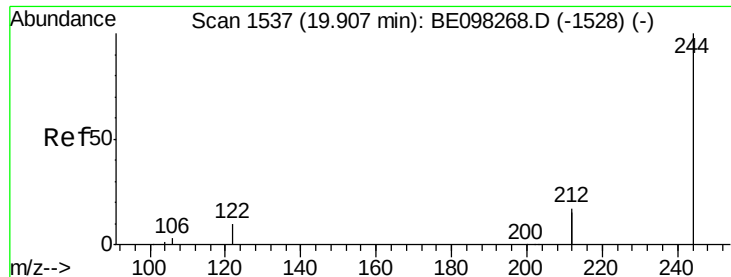


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.281 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098288.D

Acq: 30 Nov 2018 15:58

Instrument :

BNA_G

ClientSampleId :

PB115203BL

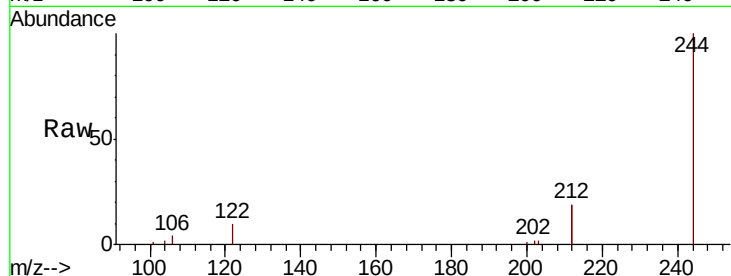
Tot Ion:244 Resp: 6708

Ion Ratio Lower Upper

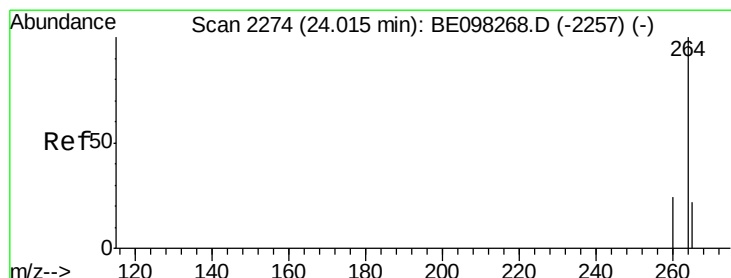
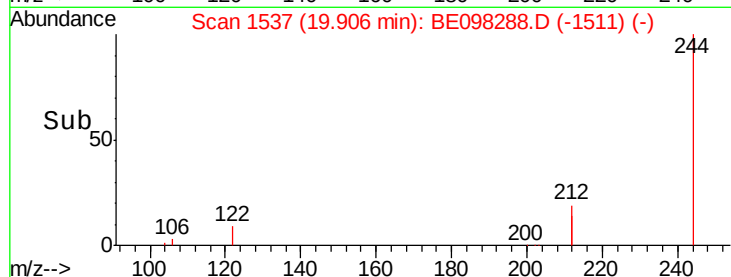
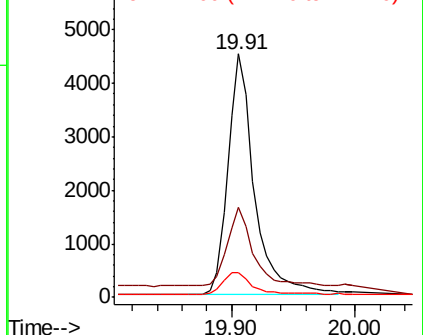
244 100

212 37.1 27.4 41.0

122 10.4 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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BE098288.D

Acq: 30 Nov 2018 15:58

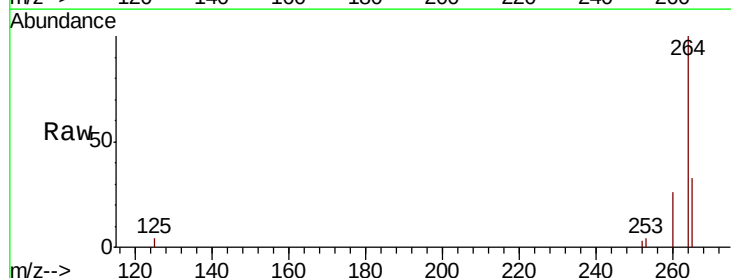
Tgt Ion:264 Resp: 10398

Ion Ratio Lower Upper

264 100

260 26.3 20.2 30.2

265 32.6 25.2 37.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

