

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
 Data File : BE098148.D
 Acq On : 1 Nov 2018 16:11
 Operator : SJ/JU
 Sample : J5665-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 50

Instrument :
 BNA_E
 ClientSampleId :
 TWP-03

Quant Time: Nov 02 13:12:56 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

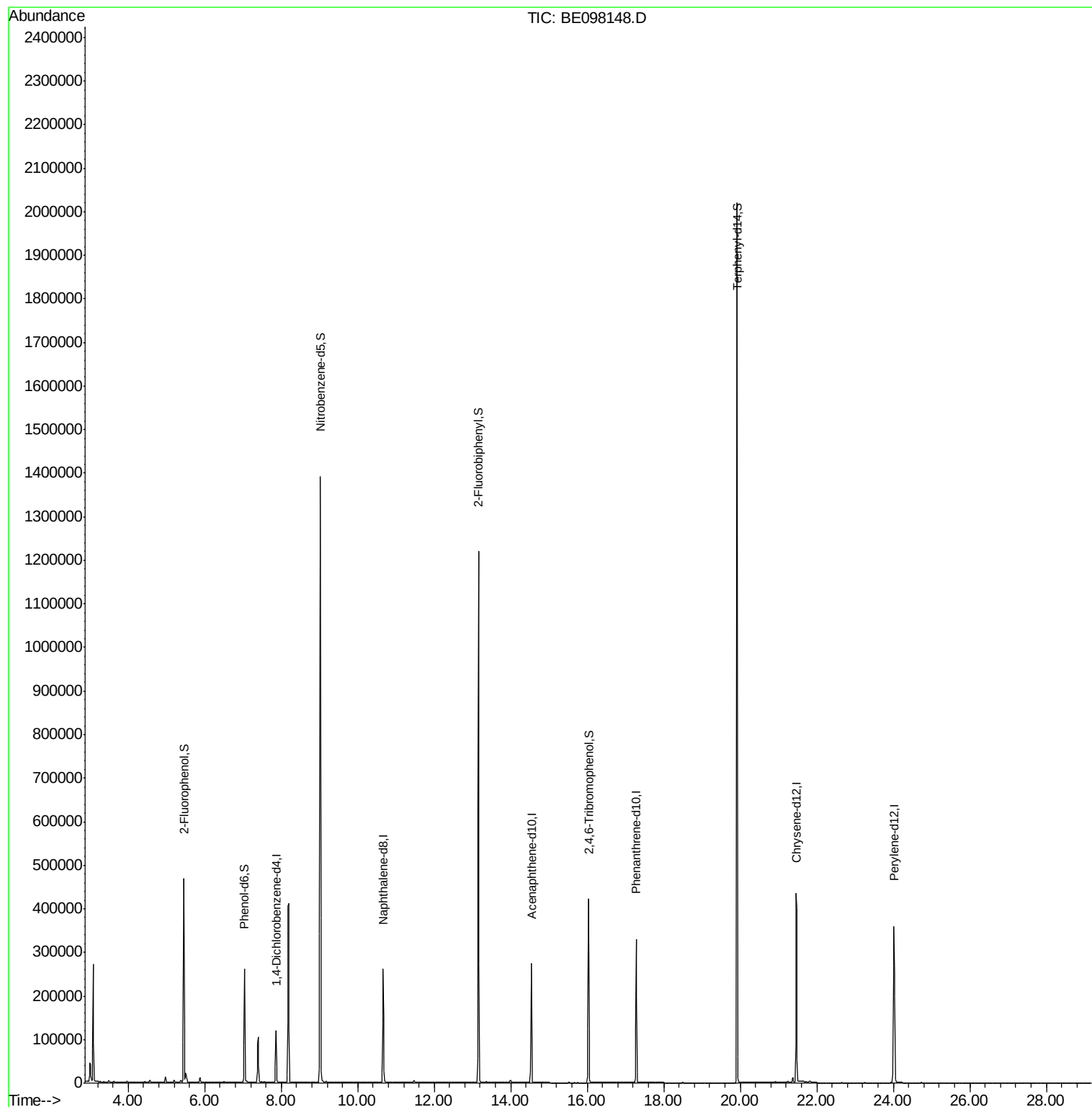
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	57789	20.00	ng	0.00
7) Naphthalene-d8	10.67	136	269101	20.00	ng	0.00
13) Acenaphthene-d10	14.54	164	187660	20.00	ng	0.00
19) Phenanthrene-d10	17.28	188	439608	20.00	ng	0.00
27) Chrysene-d12	21.48	240	505188	20.00	ng	0.01
34) Perylene-d12	24.02	264	512144	20.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	207194	60.40	ng	0.00
5) Phenol-d6	7.04	99	214657	37.99	ng	0.00
8) Nitrobenzene-d5	9.03	82	505272	87.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	48	0.01	ng	0.02
14) 2,4,6-Tribromophenol	16.03	330	261551	147.17	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	1073120	69.54	ng	0.00
25) Fluoranthene-d10	19.32	212	21	0.00	ng	0.00
29) Terphenyl-d14	19.92	244	1757717	74.81	ng	0.00
Target Compounds						
9) Naphthalene	10.72	128	2605	0.048	ng	# 92
30) Benzo(a)anthracene	21.46	228	1702	0.058	ng	# 74

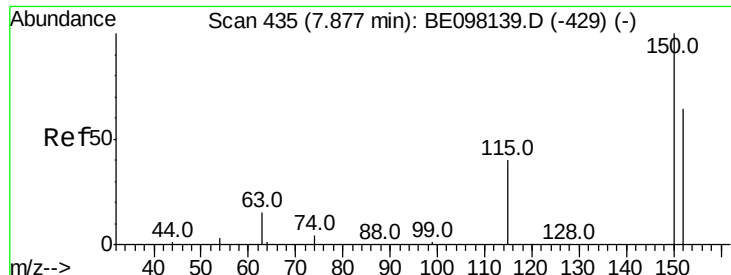
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.87 min Scan# 435

Delta R.T. -0.00 min

Lab File: BE098148.D

Acq: 1 Nov 2018 16:11

Instrument :

BNA_E

ClientSampleId :

TWP-03

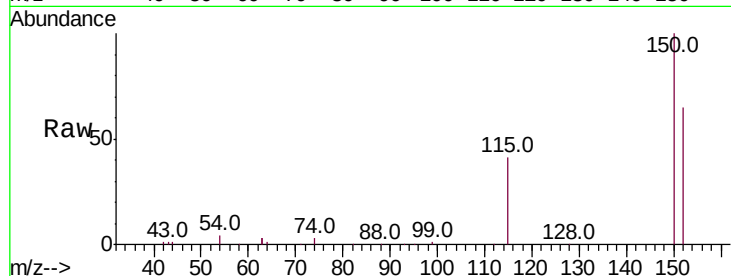
Tot Ion:152 Resp: 57789

Ion Ratio Lower Upper

152 100

150 154.1 118.2 177.4

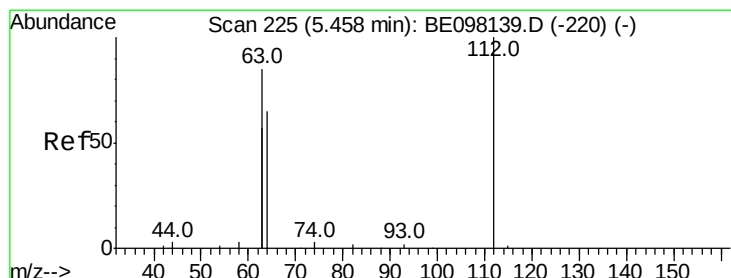
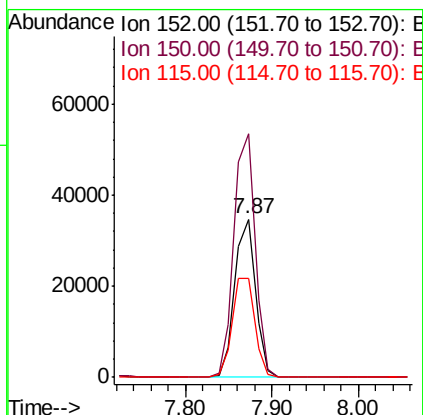
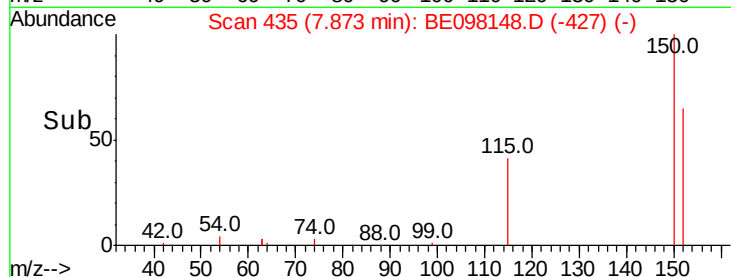
115 62.8 50.9 76.3



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: 60.395 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098148.D

Acq: 1 Nov 2018 16:11

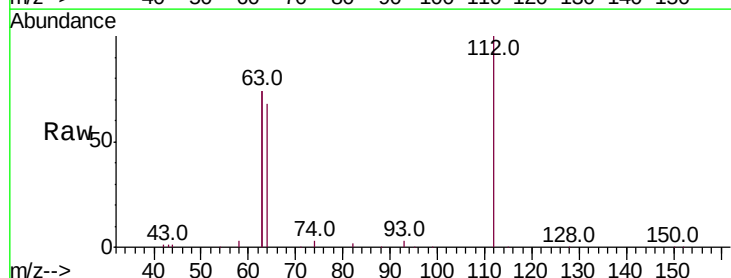
Tgt Ion:112 Resp: 207194

Ion Ratio Lower Upper

112 100

64 81.2 58.9 88.3

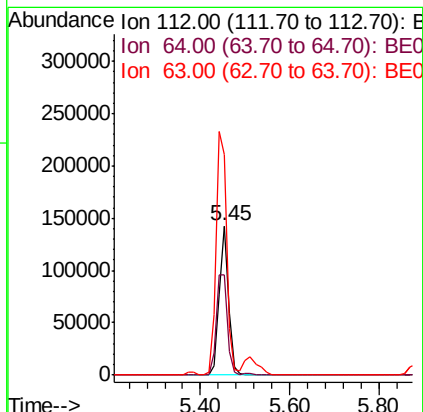
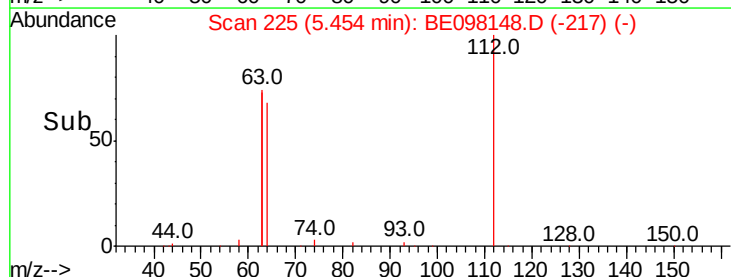
63 185.1 120.3 180.5#

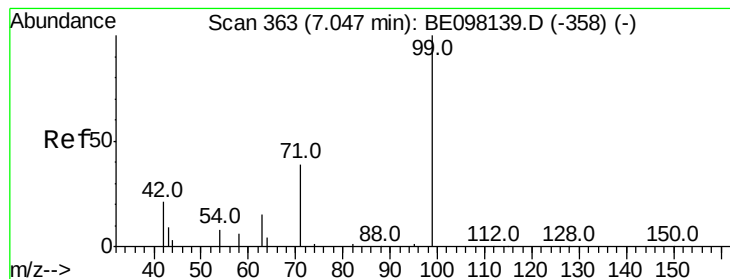


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 37.992 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098148.D

Acq: 1 Nov 2018 16:11

Instrument :

BNA_E

ClientSampleId :

TWP-03

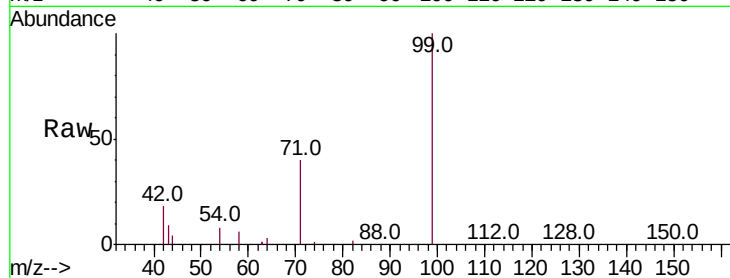
Tot Ion: 99 Resp: 214657

Ion Ratio Lower Upper

99 100

42 31.0 19.9 29.9#

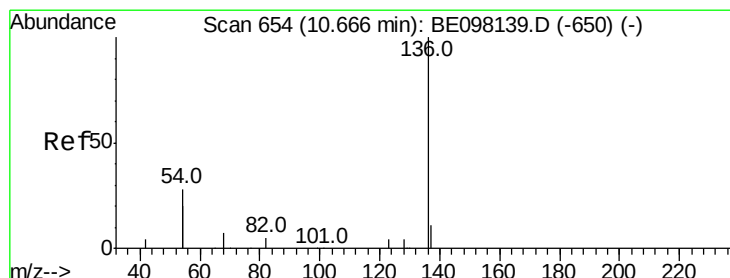
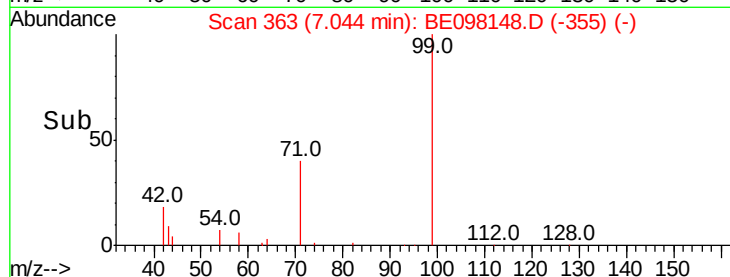
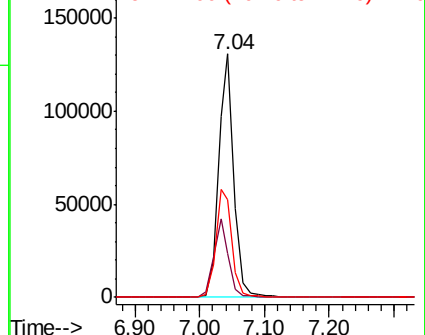
71 47.5 27.8 41.8#



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: 20.000 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098148.D

Acq: 1 Nov 2018 16:11

Tgt Ion:136 Resp: 269101

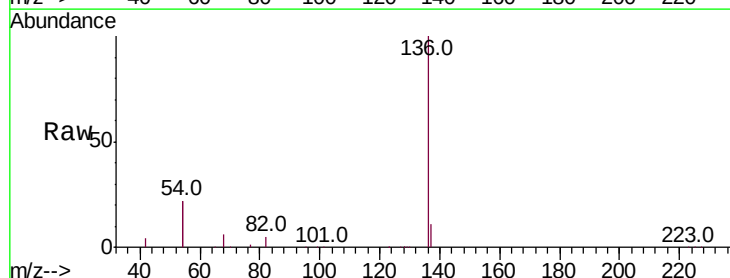
Ion Ratio Lower Upper

136 100

137 10.9 9.6 14.4

54 43.9 27.7 41.5#

68 5.8 5.3 7.9

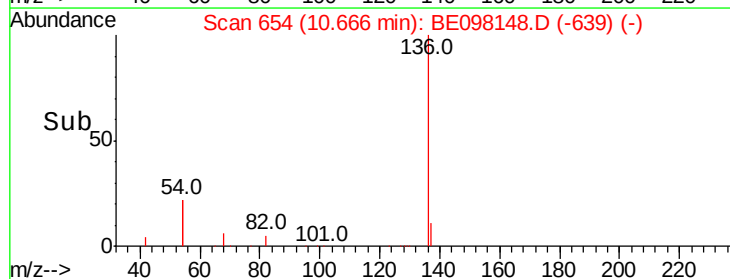
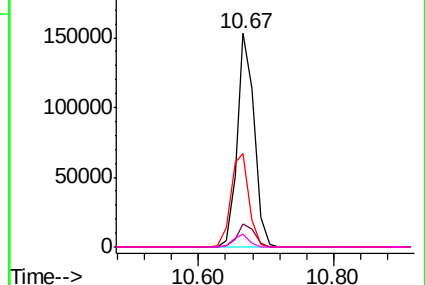


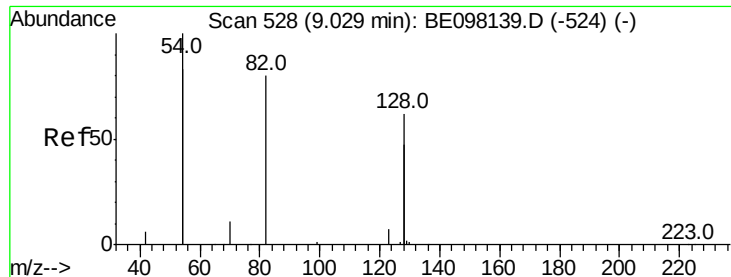
Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.542 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098148.D

Acq: 1 Nov 2018 16:11

Instrument :

BNA_E

ClientSampled :

TWP-03

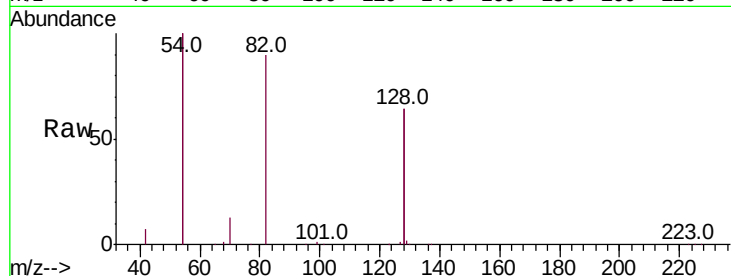
Tot Ion: 82 Resp: 505272

Ion Ratio Lower Upper

82 100

128 142.7 129.9 194.9

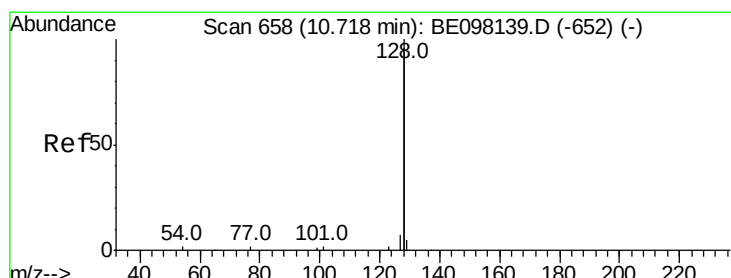
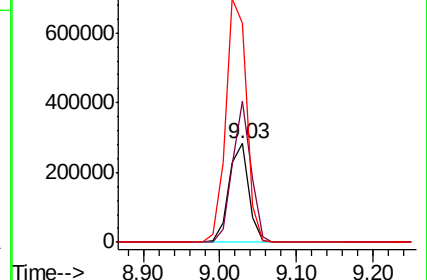
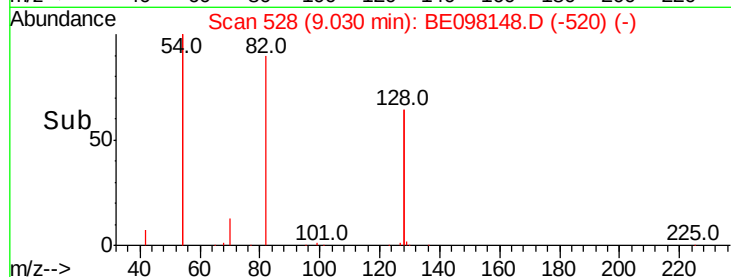
54 222.5 174.0 261.0



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: 0.048 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098148.D

Acq: 1 Nov 2018 16:11

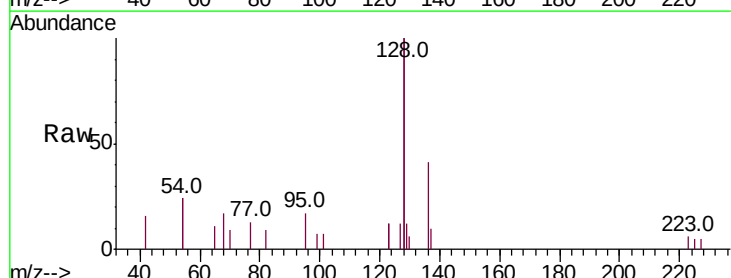
Tgt Ion: 128 Resp: 2605

Ion Ratio Lower Upper

128 100

129 5.9 2.5 3.7#

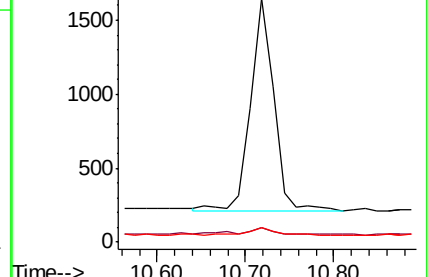
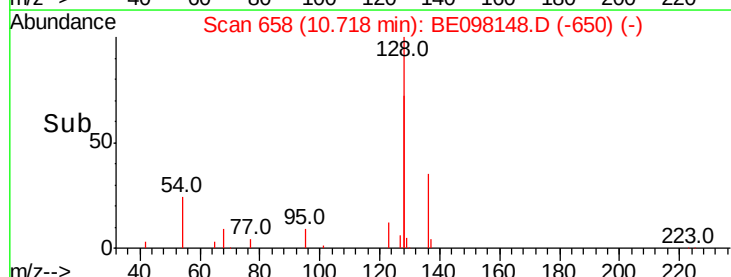
127 5.9 2.8 4.2#

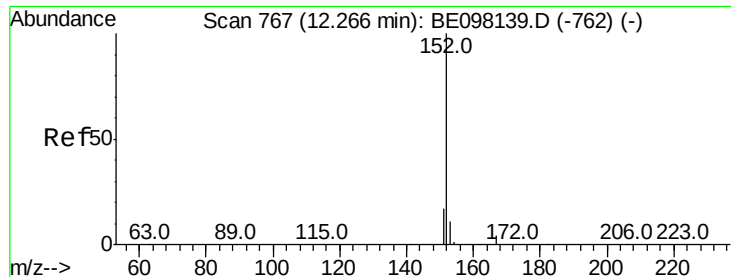


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.005 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.02 min

Lab File: BE098148.D

Acq: 1 Nov 2018 16:11

Instrument :

BNA_E

ClientSampleId :

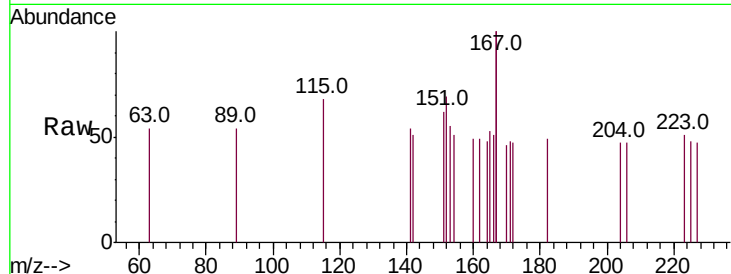
TWP-03

Tot Ion:152 Resp: 48

Ion Ratio Lower Upper

152 100

151 52.1 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.28

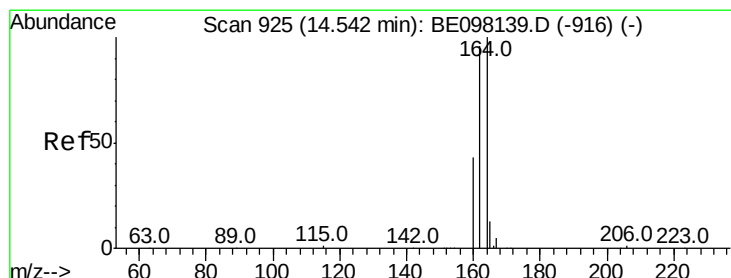
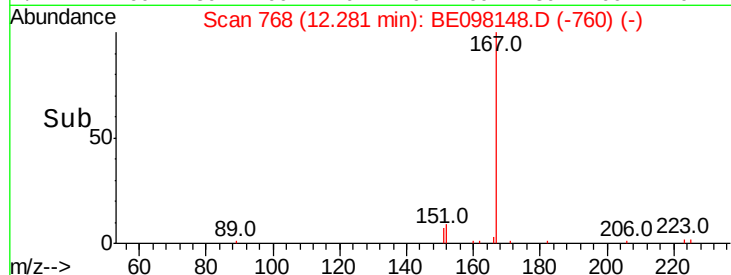
60

40

20

0

Time-->



#13

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE098148.D

Acq: 1 Nov 2018 16:11

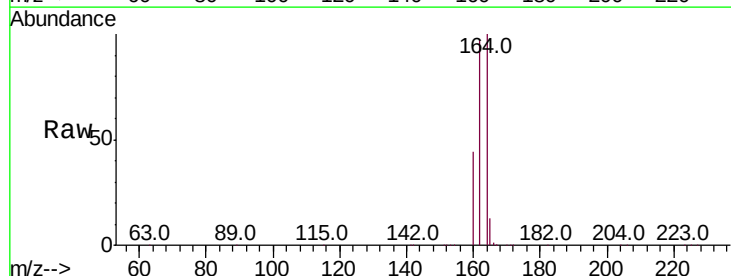
Tgt Ion:164 Resp: 187660

Ion Ratio Lower Upper

164 100

162 96.6 77.4 116.2

160 43.8 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

14.54

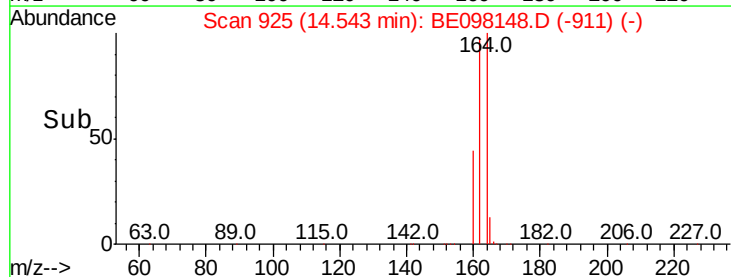
150000

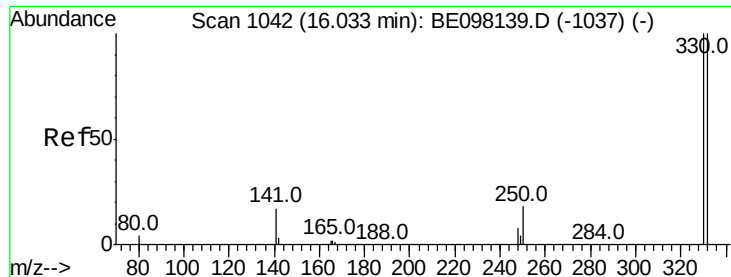
100000

50000

0

Time-->





#14

2,4,6-Tribromophenol

Concen: 147.168 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BE098148.D

Acq: 1 Nov 2018 16:11

Instrument :

BNA_E

ClientSampleId :

TWP-03

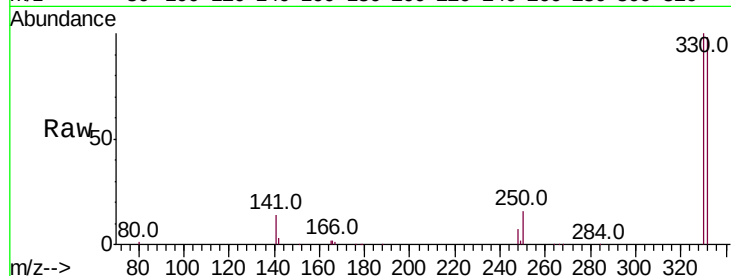
Tot Ion:330 Resp: 261551

Ion Ratio Lower Upper

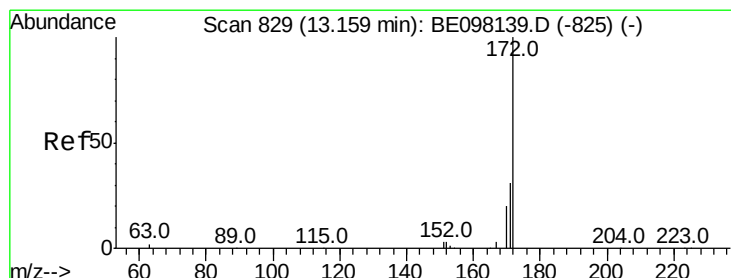
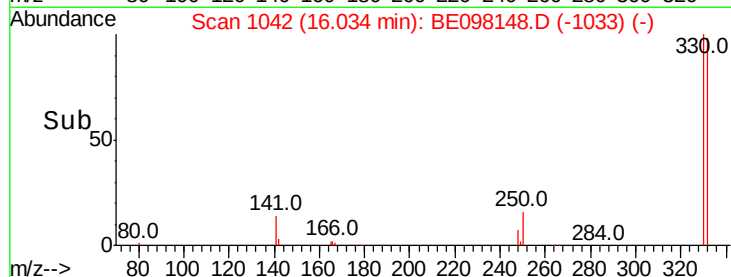
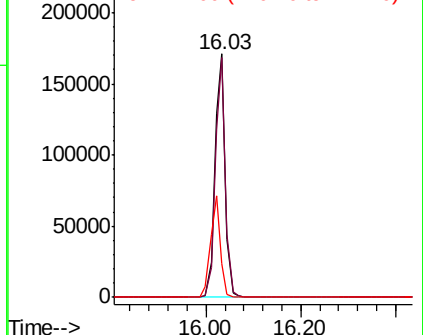
330 100

332 96.1 76.5 114.7

141 40.3 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: 69.544 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.00 min

Lab File: BE098148.D

Acq: 1 Nov 2018 16:11

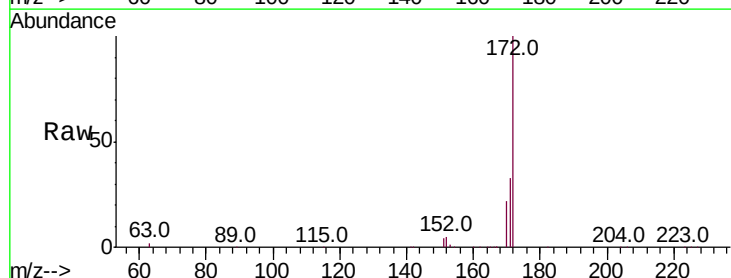
Tgt Ion:172 Resp: 1073120

Ion Ratio Lower Upper

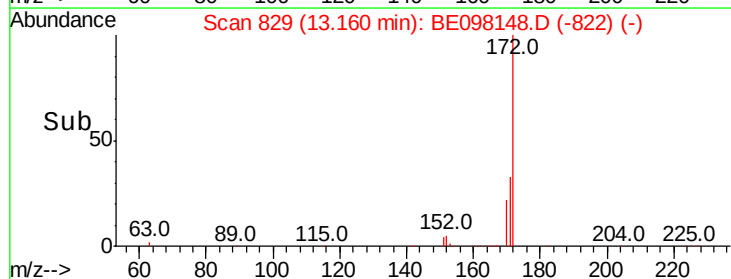
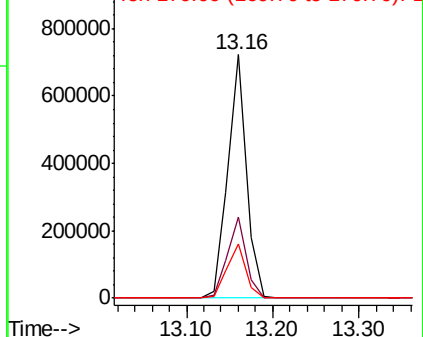
172 100

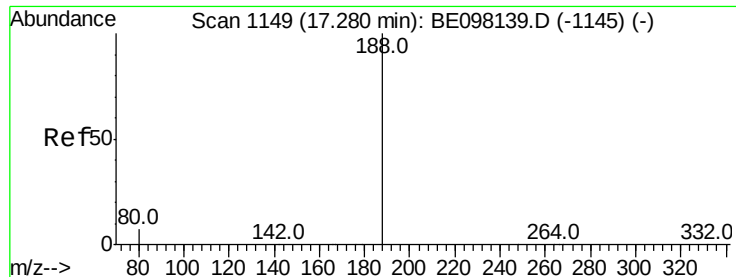
171 33.5 26.0 39.0

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: 20.000 ng

RT: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098148.D

Acq: 1 Nov 2018 16:11

Instrument :

BNA_E

ClientSampleId :

TWP-03

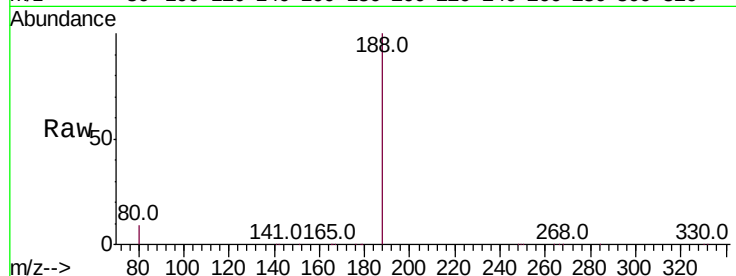
Tot Ion:188 Resp: 439608

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

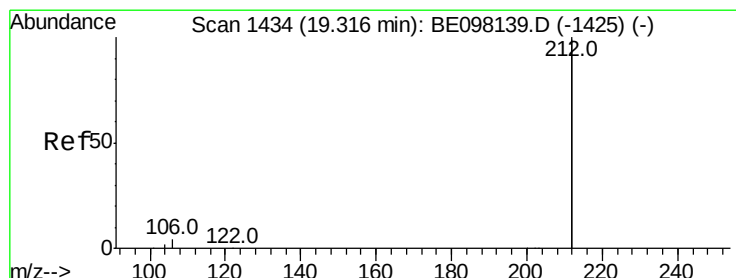
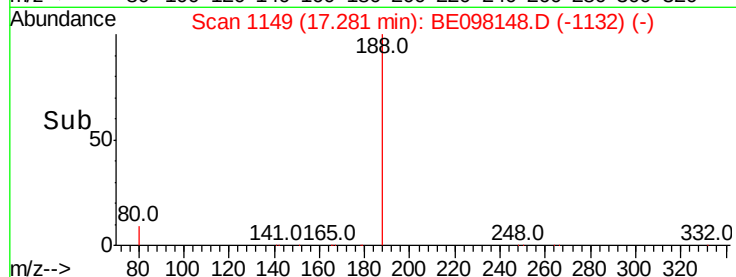
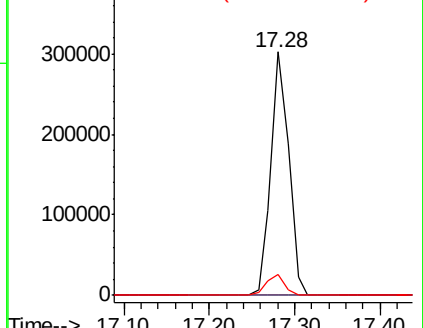
80 8.6 6.3 9.5



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



#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.32 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BE098148.D

Acq: 1 Nov 2018 16:11

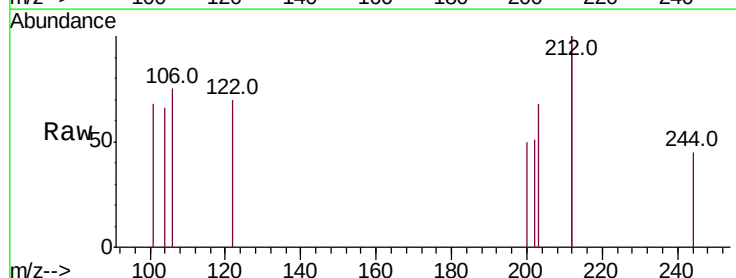
Tgt Ion:212 Resp: 21

Ion Ratio Lower Upper

212 100

106 0.0 2.3 3.5#

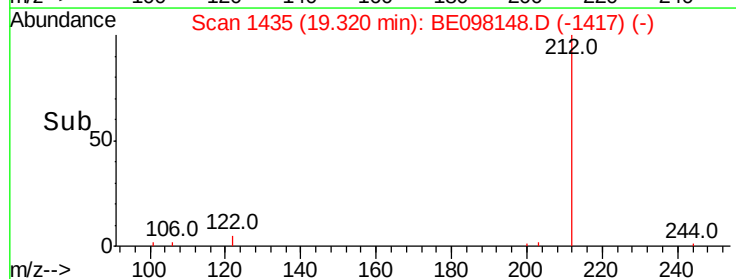
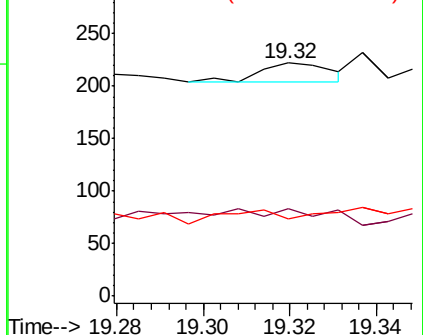
104 61.9 1.3 1.9#

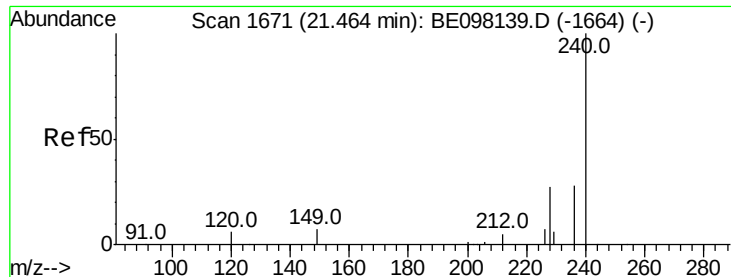


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

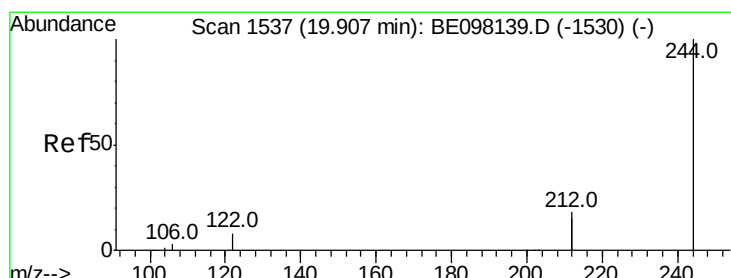
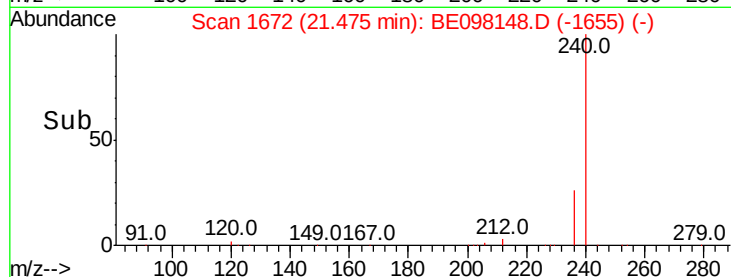
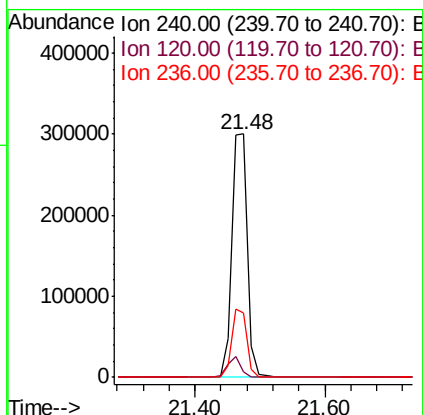
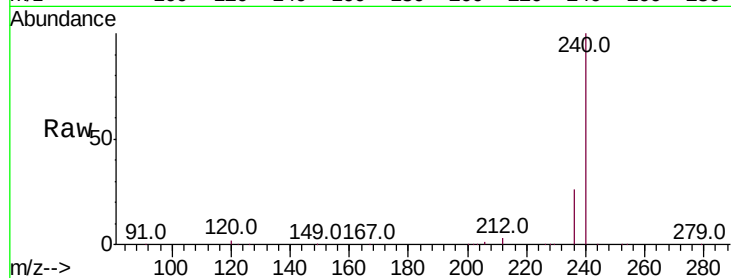




#27
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.48 min Scan# 1672
 Delta R.T. 0.01 min
 Lab File: BE098148.D
 Acq: 1 Nov 2018 16:11

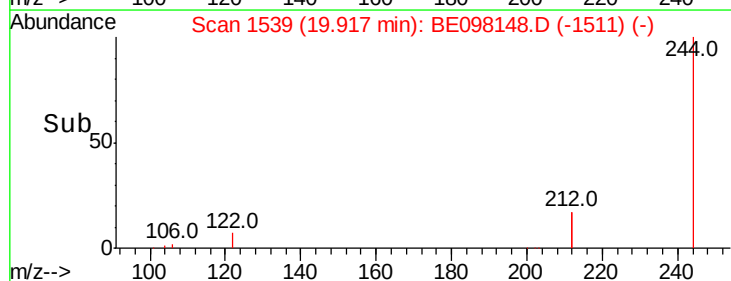
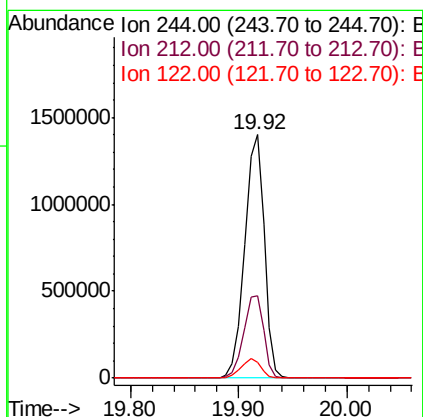
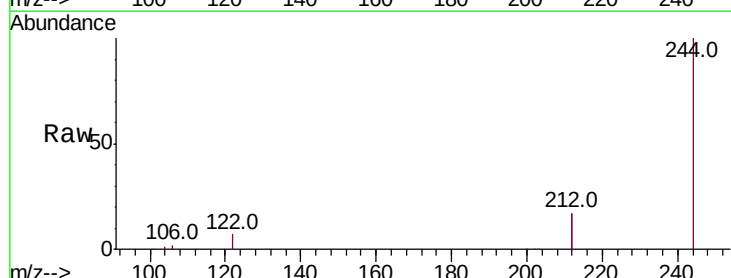
Instrument :
 BNA_E
 ClientSampleId :
 TWP-03

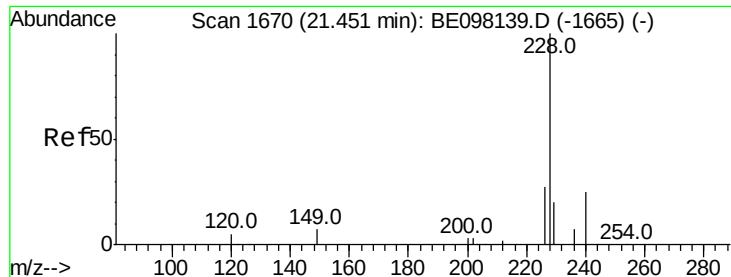
Tot Ion:240 Resp: 505188
 Ion Ratio Lower Upper
 240 100
 120 2.1 7.1 10.7#
 236 26.2 21.3 31.9



#29
 Terphenyl-d14
 Concen: 74.808 ng
 RT: 19.92 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BE098148.D
 Acq: 1 Nov 2018 16:11

Tgt Ion:244 Resp: 1757717
 Ion Ratio Lower Upper
 244 100
 212 34.0 26.2 39.2
 122 6.6 7.7 11.5#





#30

Benzo(a)anthracene

Concen: 0.058 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.01 min

Lab File: BE098148.D

Acq: 1 Nov 2018 16:11

Instrument :

BNA_E

ClientSampleId :

TWP-03

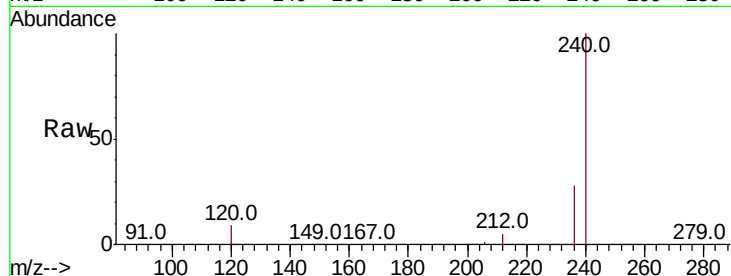
Tot Ion:228 Resp: 1702

Ion Ratio Lower Upper

228 100

226 14.4 22.6 33.8#

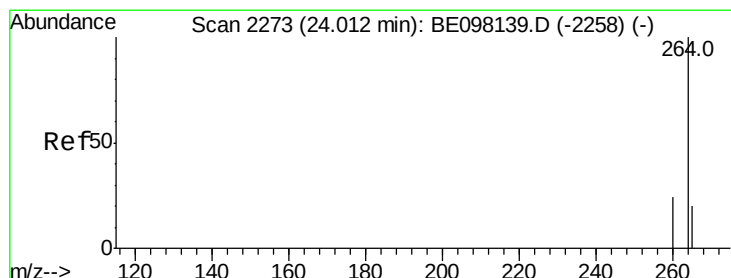
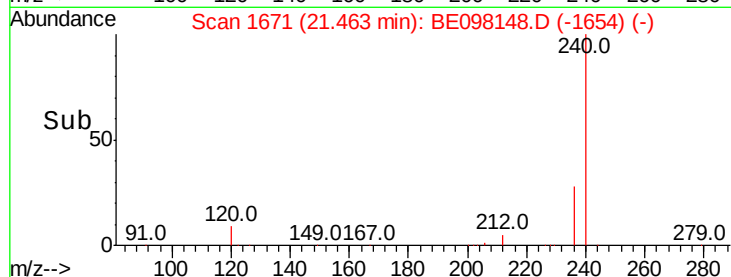
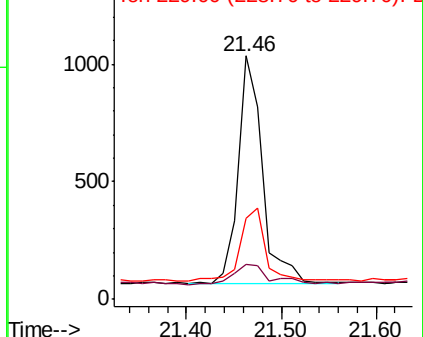
229 33.4 16.9 25.3#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.02 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BE098148.D

Acq: 1 Nov 2018 16:11

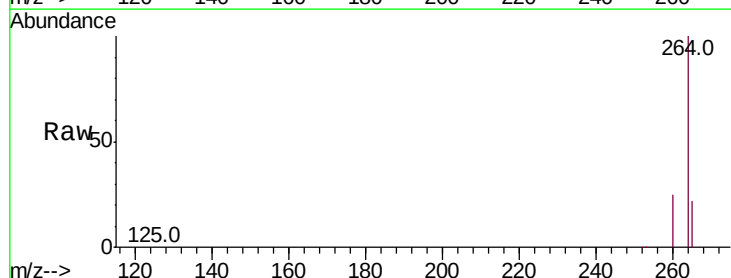
Tgt Ion:264 Resp: 512144

Ion Ratio Lower Upper

264 100

260 25.1 21.1 31.7

265 21.7 29.2 43.8#



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

