

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
 Data File : BE098146.D
 Acq On : 1 Nov 2018 14:57
 Operator : SJ/JU
 Sample : J5649-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 50

Instrument :
 BNA_E
 ClientSampleId :
 TWP-01

Quant Time: Nov 02 10:39:07 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

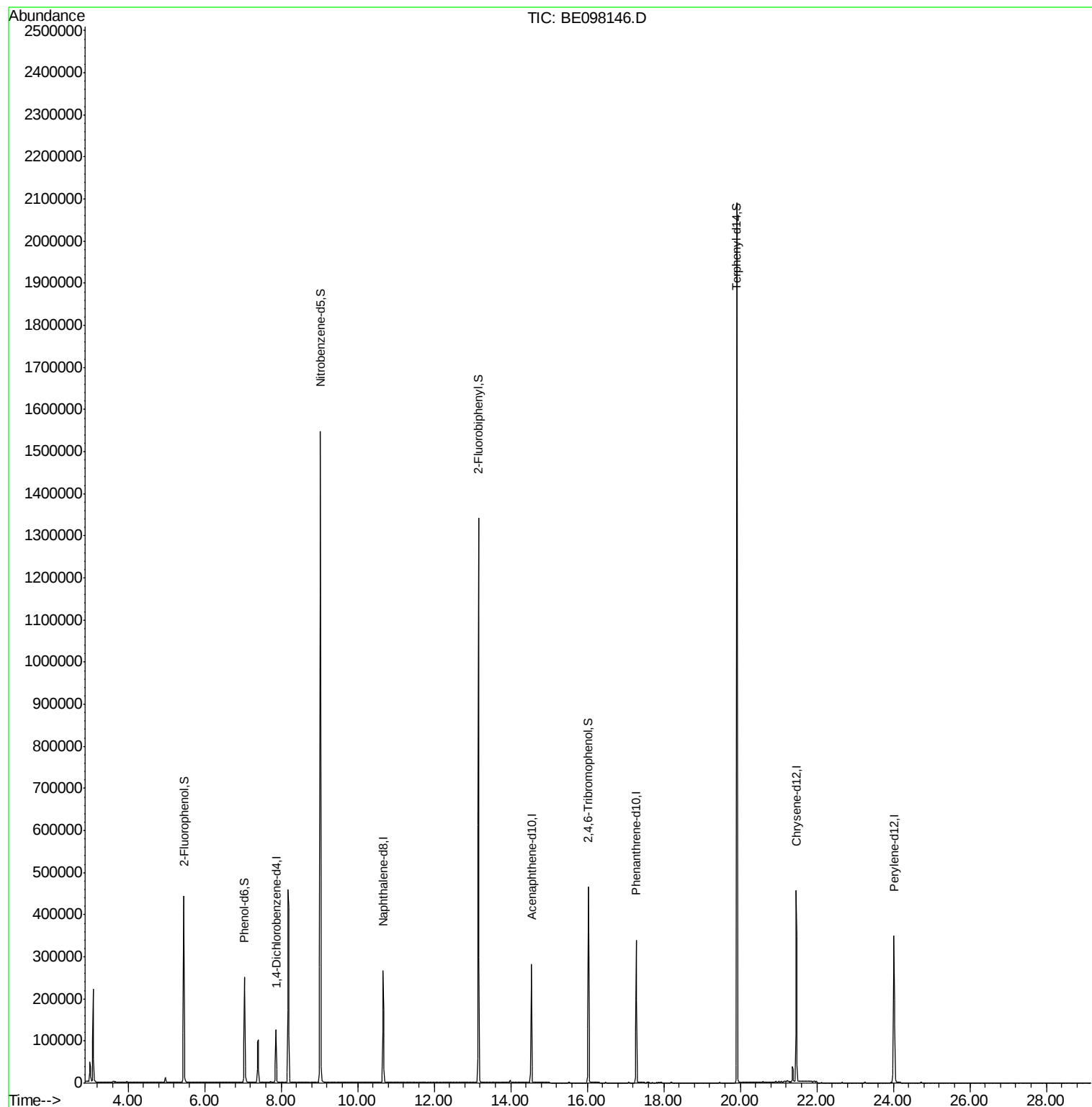
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	60785	20.00	ng	0.00
7) Naphthalene-d8	10.67	136	275426	20.00	ng	0.00
13) Acenaphthene-d10	14.54	164	188625	20.00	ng	0.00
19) Phenanthrene-d10	17.28	188	445140	20.00	ng	0.00
27) Chrysene-d12	21.46	240	497489	20.00	ng	0.00
34) Perylene-d12	24.02	264	510677	20.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	199539	55.30	ng	0.00
5) Phenol-d6	7.05	99	200835	33.79	ng	0.00
8) Nitrobenzene-d5	9.03	82	520992	88.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	41	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	276953	155.04	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	1137619	73.35	ng	0.00
25) Fluoranthene-d10	19.31	212	18	0.00	ng	0.00
29) Terphenyl-d14	19.92	244	1863989	80.56	ng	0.01
Target Compounds						
30) Benzo(a)anthracene	21.46	228	1635	0.056	ng	Qvalue # 73

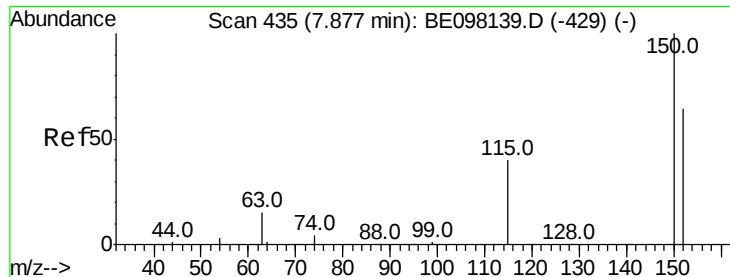
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.88 min Scan# 435

Delta R.T. -0.00 min

Lab File: BE098146.D

Acq: 1 Nov 2018 14:57

Instrument :

BNA_E

ClientSampleId :

TWP-01

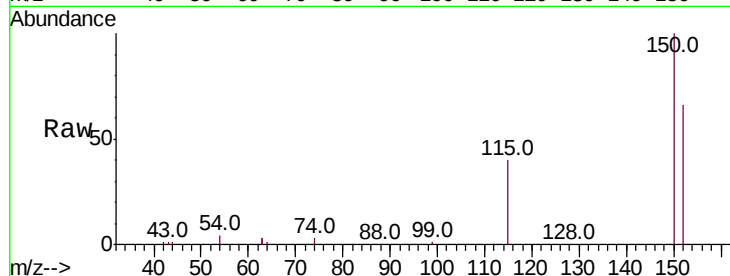
Tot Ion:152 Resp: 60785

Ion Ratio Lower Upper

152 100

150 150.5 118.2 177.4

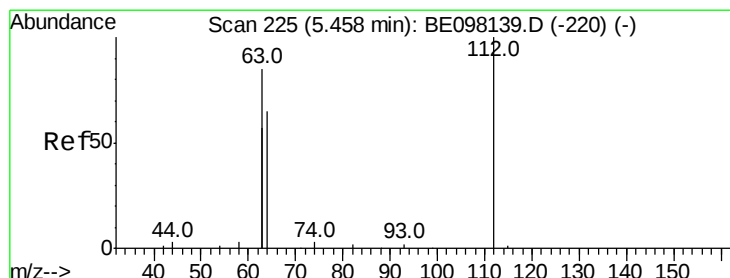
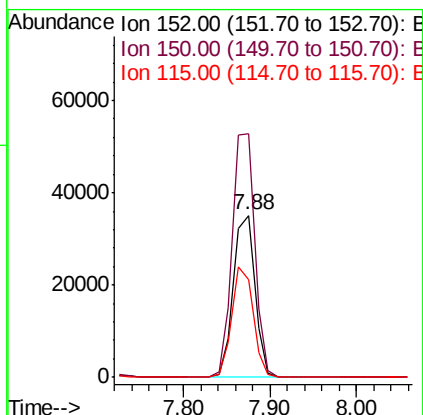
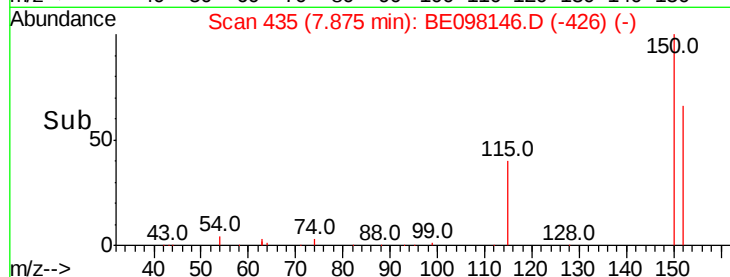
115 60.4 50.9 76.3



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: 55.297 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098146.D

Acq: 1 Nov 2018 14:57

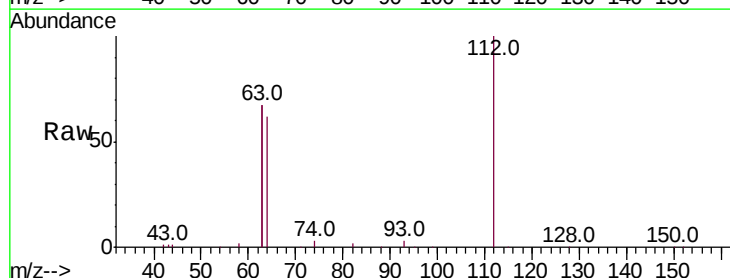
Tgt Ion:112 Resp: 199539

Ion Ratio Lower Upper

112 100

64 79.9 58.9 88.3

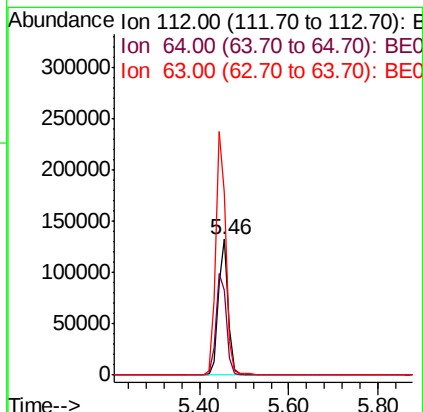
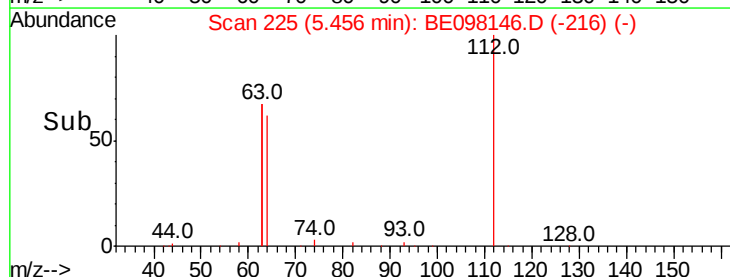
63 184.5 120.3 180.5#

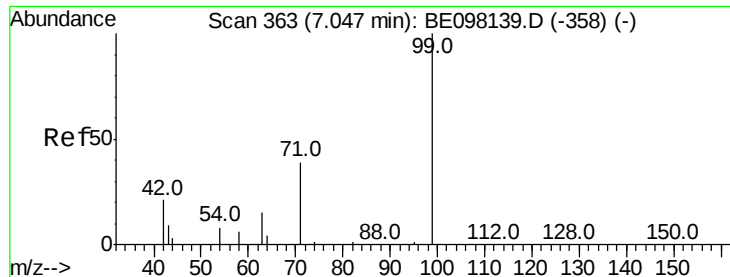


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 33.794 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098146.D

Acq: 1 Nov 2018 14:57

Instrument :

BNA_E

ClientSampleId :

TWP-01

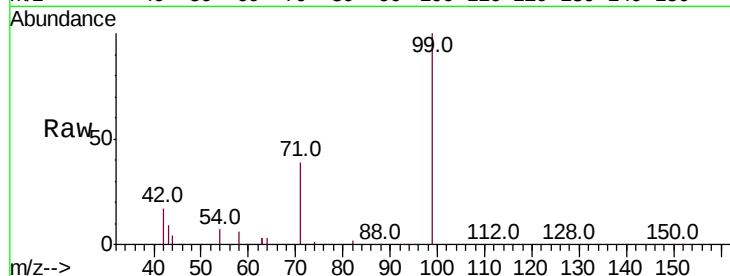
Tot Ion: 99 Resp: 200835

Ion Ratio Lower Upper

99 100

42 31.4 19.9 29.9#

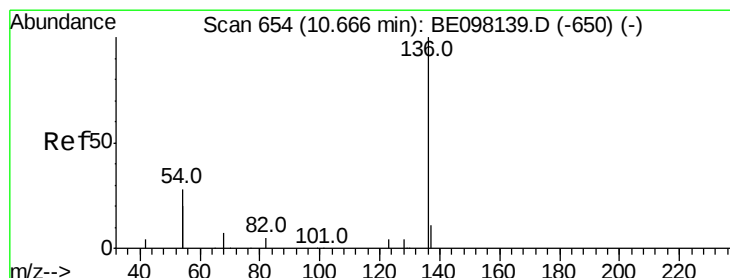
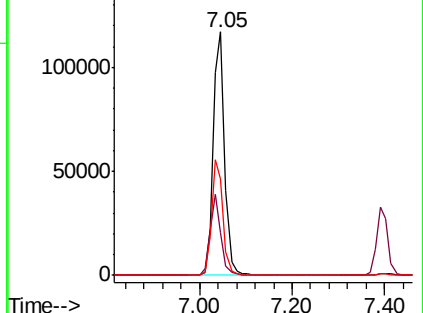
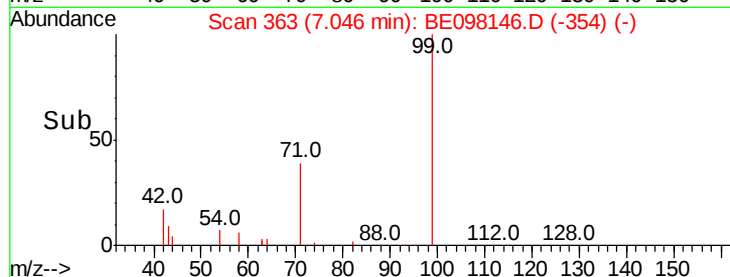
71 47.2 27.8 41.8#



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: BE098146.D

Acq: 1 Nov 2018 14:57

Tgt Ion:136 Resp: 275426

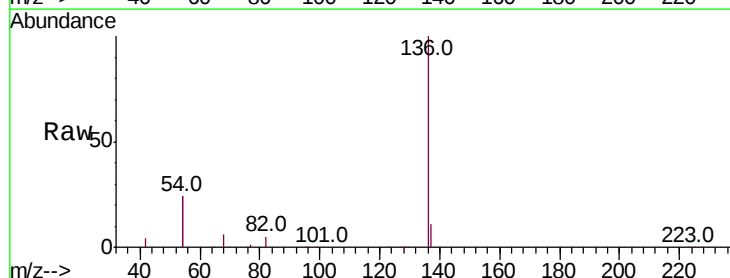
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 47.9 27.7 41.5#

68 6.2 5.3 7.9

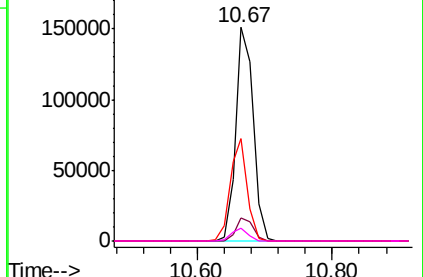
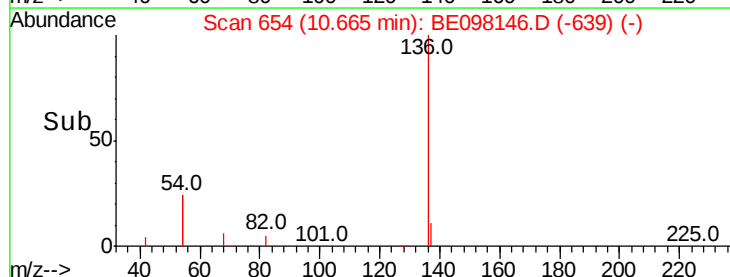


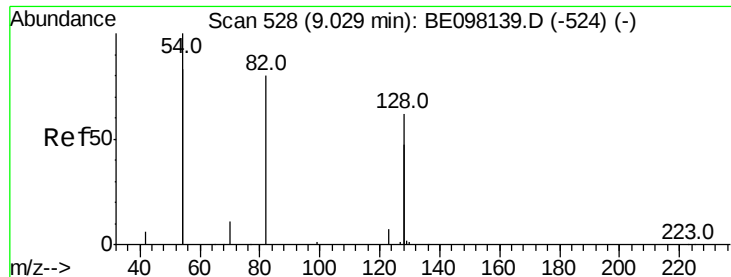
Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.192 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.00 min

Lab File: BE098146.D

Acq: 1 Nov 2018 14:57

Instrument :

BNA_E

ClientSampleId :

TWP-01

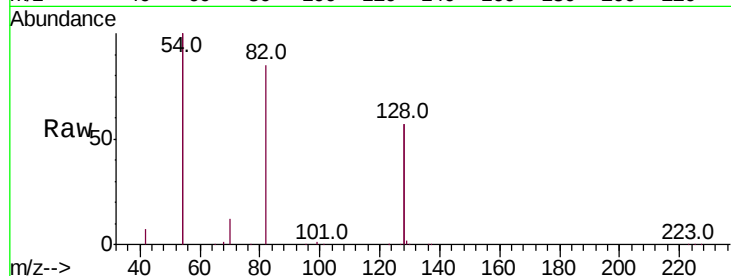
Tot Ion: 82 Resp: 520992

Ion Ratio Lower Upper

82 100

128 135.2 129.9 194.9

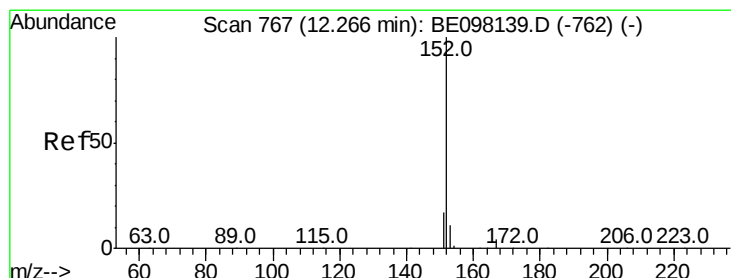
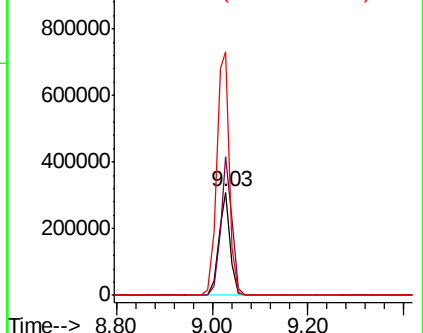
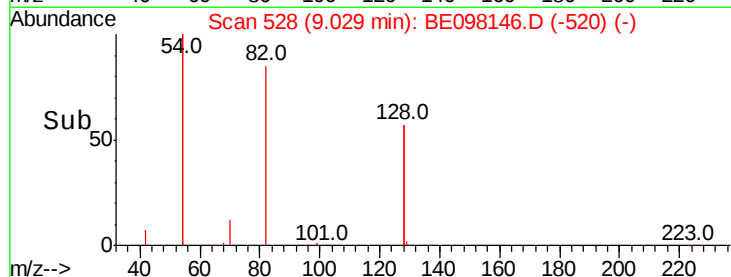
54 236.5 174.0 261.0



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



#11

2-Methylnaphthalene-d10

Concen: 0.004 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098146.D

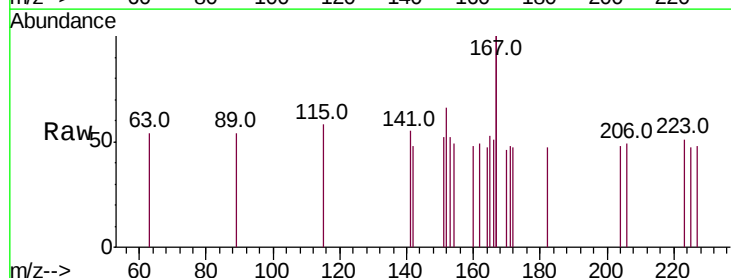
Acq: 1 Nov 2018 14:57

Tgt Ion:152 Resp: 41

Ion Ratio Lower Upper

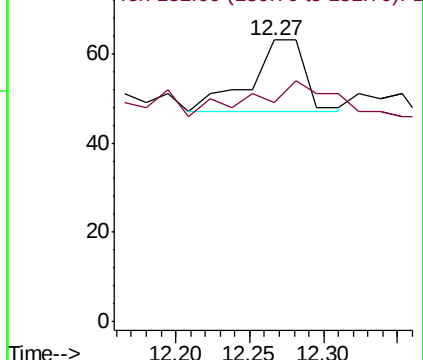
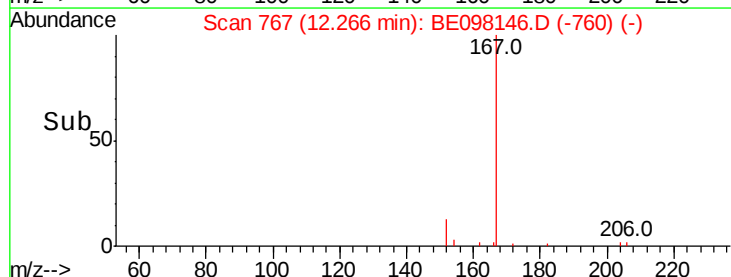
152 100

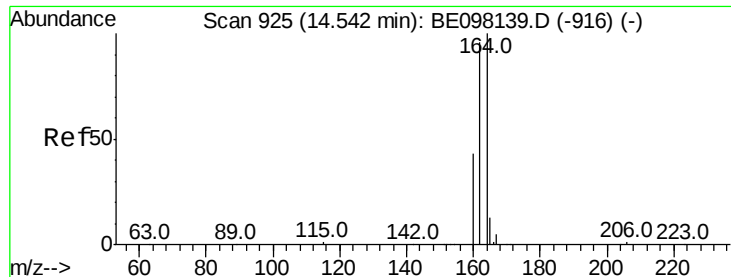
151 70.7 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

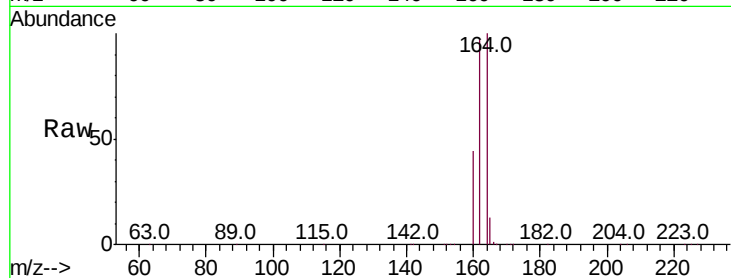




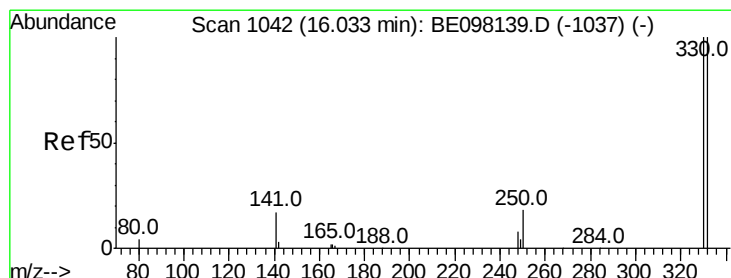
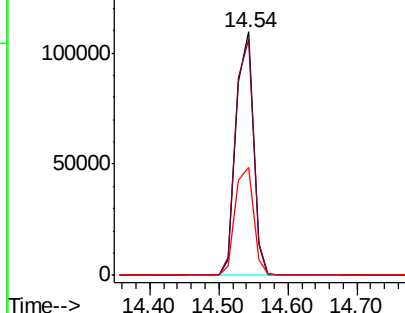
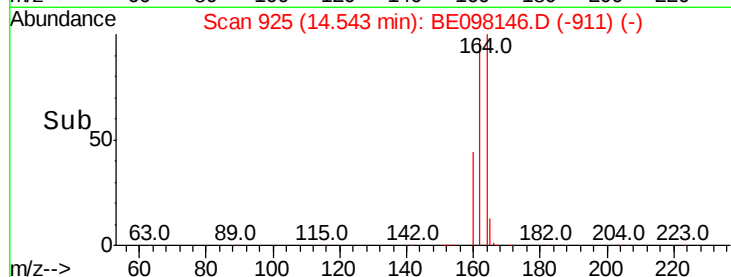
#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE098146.D
Acq: 1 Nov 2018 14:57

Instrument :
BNA_E
ClientSampleId :
TWP-01

Tot Ion:164 Resp: 188625
Ion Ratio Lower Upper
164 100
162 96.9 77.4 116.2
160 44.1 36.5 54.7

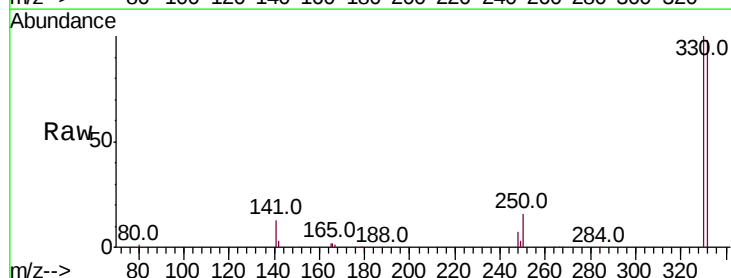


Abundance Ion 164.00 (163.70 to 164.70): E
150000 Ion 162.00 (161.70 to 162.70): E
100000 Ion 160.00 (159.70 to 160.70): E

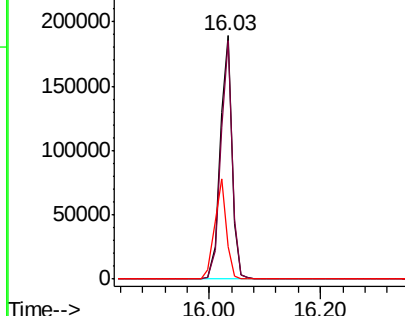
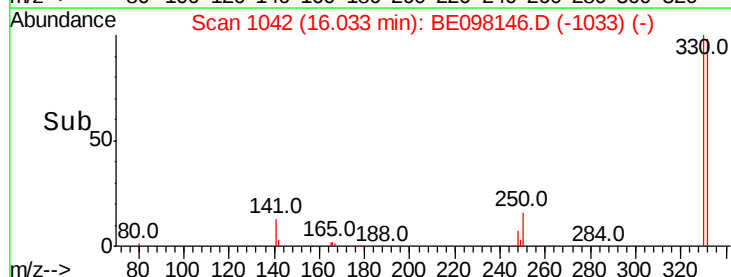


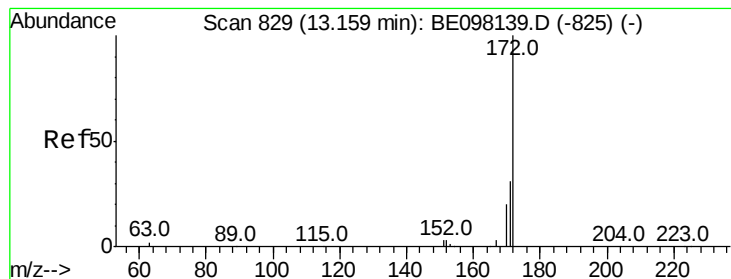
#14
2,4,6-Tribromophenol
Concen: 155.037 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098146.D
Acq: 1 Nov 2018 14:57

Tgt Ion:330 Resp: 276953
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 40.4 31.8 47.6



Abundance Ion 330.00 (329.70 to 330.70): E
250000 Ion 331.80 (331.50 to 332.50): E
200000 Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 73.347 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.00 min

Lab File: BE098146.D

Acq: 1 Nov 2018 14:57

Instrument :

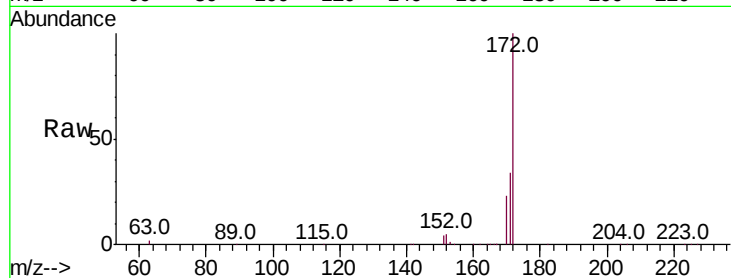
BNA_E

ClientSampleId :

TWP-01

Tot Ion:172 Resp: 1137619

Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.0	39.0
170	22.6	18.0	27.0

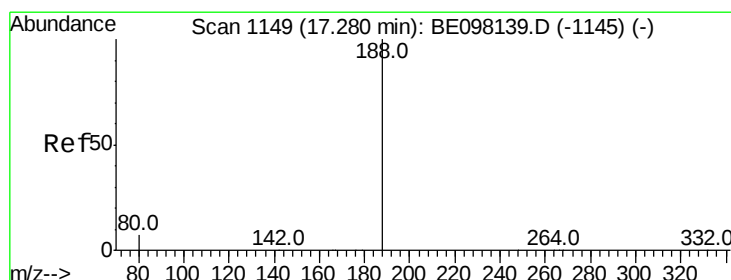
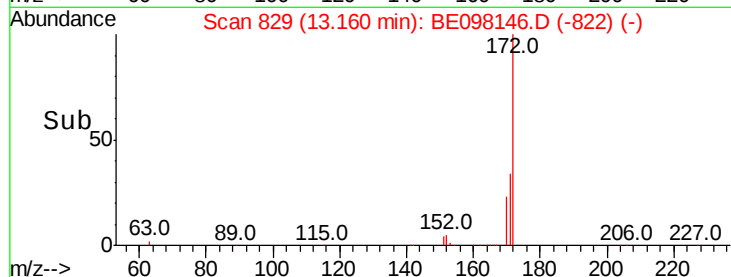
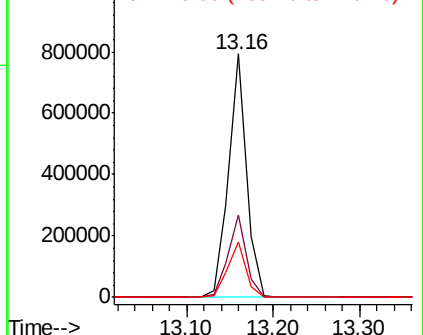


Abundance

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

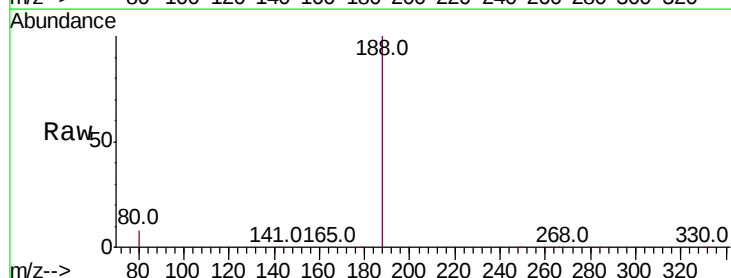
Delta R.T. 0.00 min

Lab File: BE098146.D

Acq: 1 Nov 2018 14:57

Tgt Ion:188 Resp: 445140

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	6.3	9.5

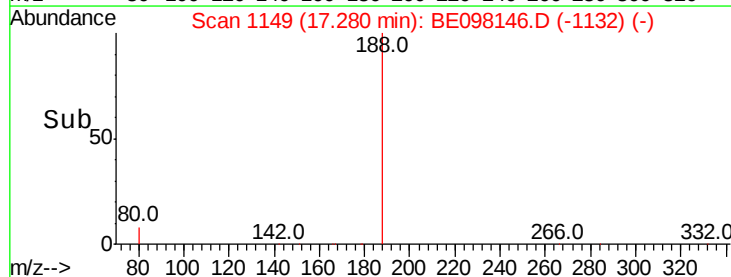
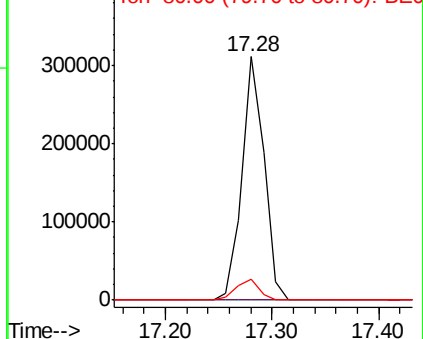


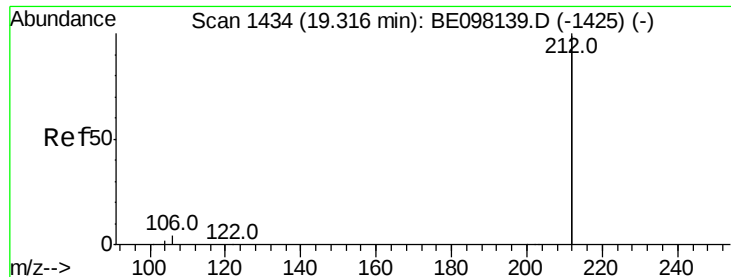
Abundance

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: 19.31 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE098146.D

Acq: 1 Nov 2018 14:57

Instrument :

BNA_E

ClientSampleId :

TWP-01

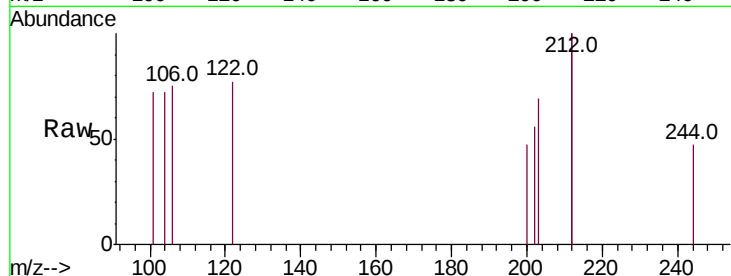
Tot Ion:212 Resp: 18

Ion Ratio Lower Upper

212 100

106 38.9 2.3 3.5#

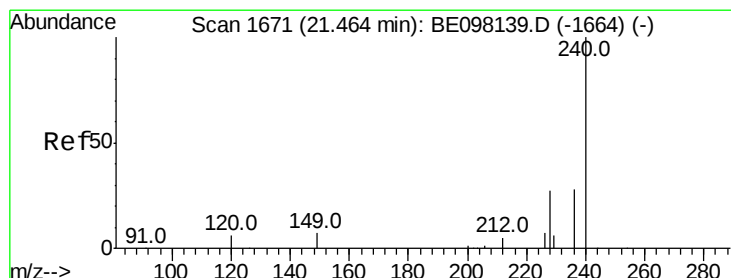
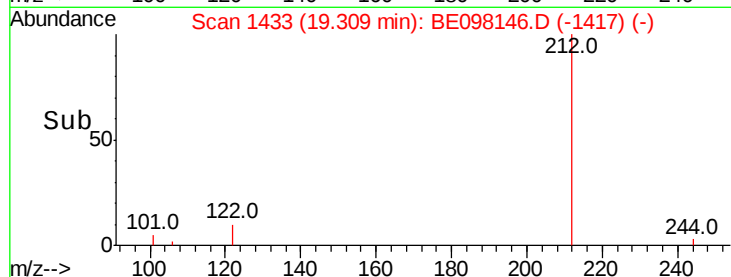
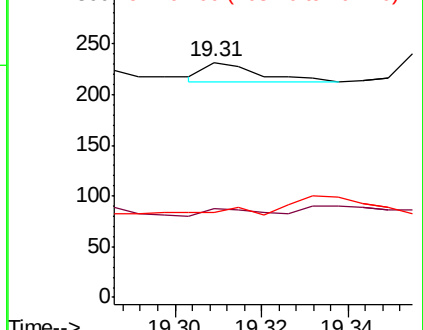
104 0.0 1.3 1.9#



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: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098146.D

Acq: 1 Nov 2018 14:57

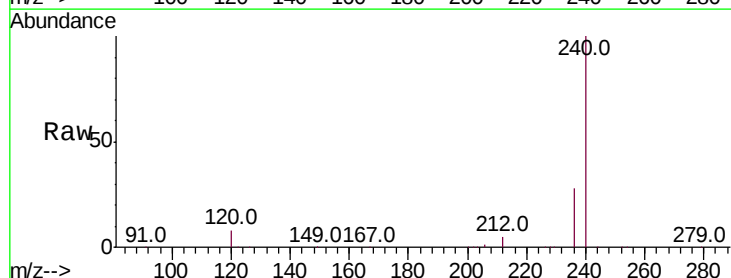
Tgt Ion:240 Resp: 497489

Ion Ratio Lower Upper

240 100

120 7.6 7.1 10.7

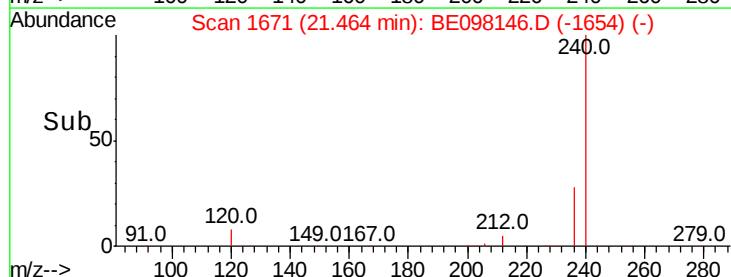
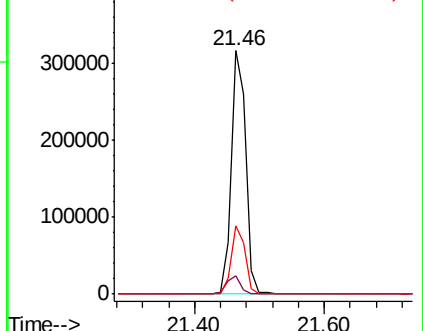
236 28.0 21.3 31.9

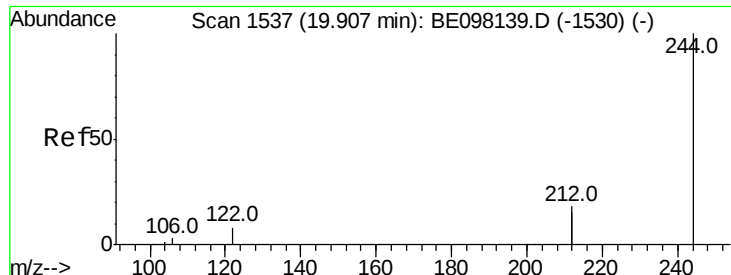


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 80.558 ng

RT: 19.92 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BE098146.D

Acq: 1 Nov 2018 14:57

Instrument :

BNA_E

ClientSampleId :

TWP-01

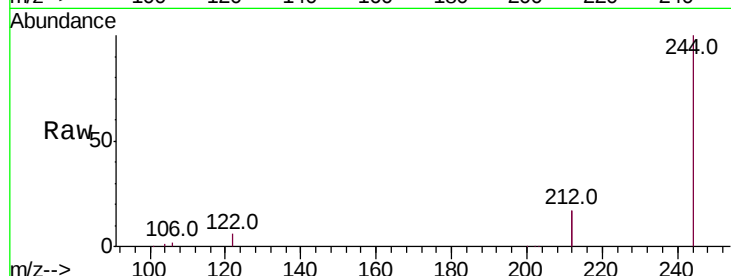
Tot Ion:244 Resp: 1863989

Ion Ratio Lower Upper

244 100

212 33.8 26.2 39.2

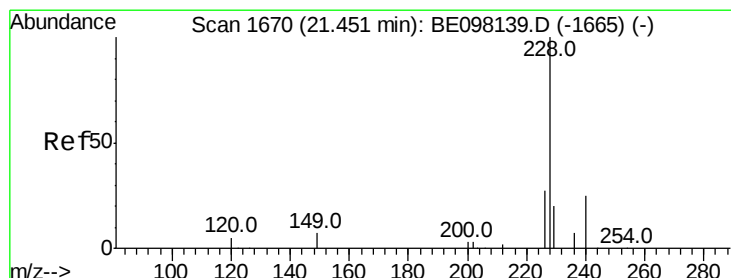
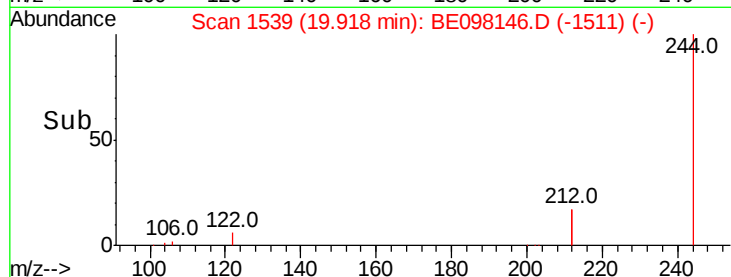
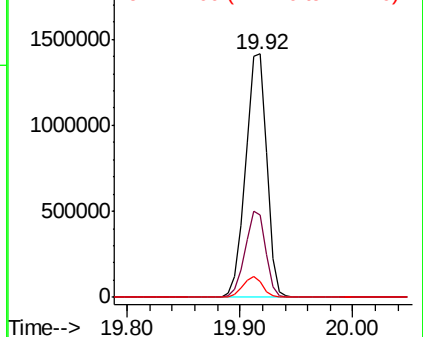
122 6.4 7.7 11.5#



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: 0.056 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.01 min

Lab File: BE098146.D

Acq: 1 Nov 2018 14:57

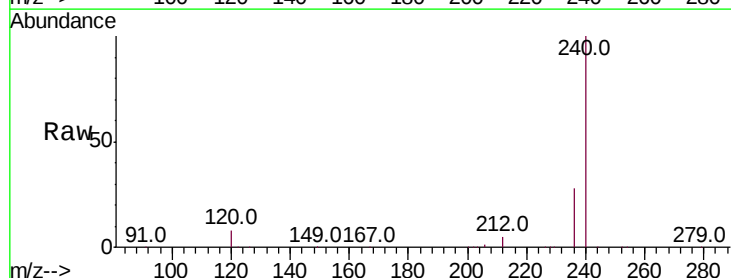
Tgt Ion:228 Resp: 1635

Ion Ratio Lower Upper

228 100

226 13.9 22.6 33.8#

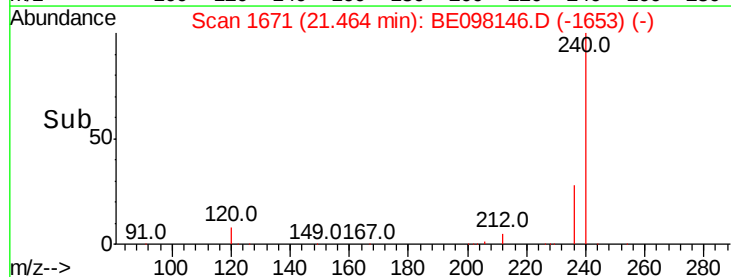
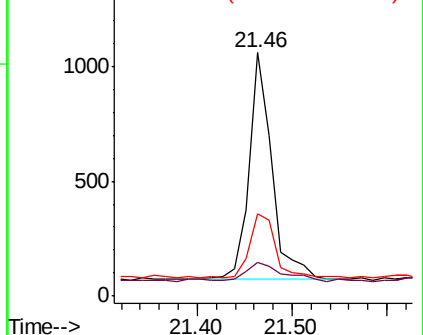
229 34.0 16.9 25.3#

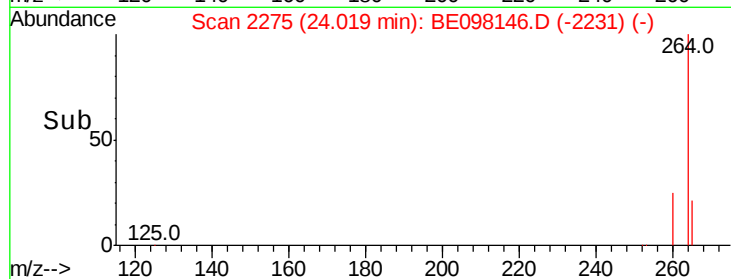
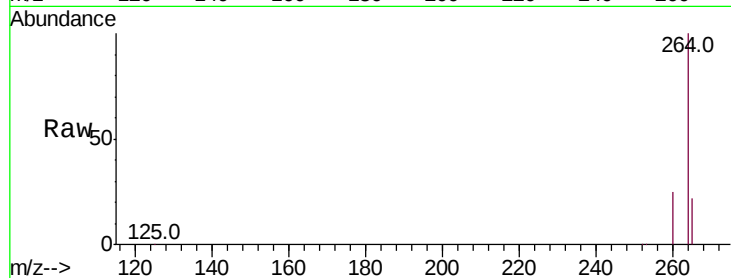
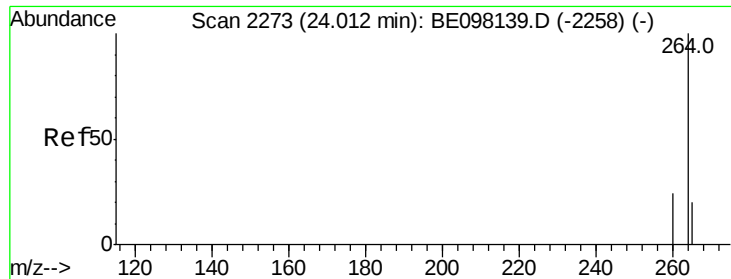


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#34

Pervlene-d12

Concen: 20.000 ng

RT: 24.02 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BE098146.D

Acq: 1 Nov 2018 14:57

Instrument :

BNA_E

ClientSampleId :

TWP-01

Tot Ion:264 Resp: 510677

Ion Ratio Lower Upper

264 100

260 25.2 21.1 31.7

265 21.6 29.2 43.8#

