

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
 Data File : BE098303.D
 Acq On : 10 Dec 2018 18:11
 Operator : SJ/JU
 Sample : J6259-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306D-20181205

Quant Time: Dec 11 01:04:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1495	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5937	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3894	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10049	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12461	0.40	ng	0.00
34) Perylene-d12	24.01	264	11949	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	483	0.14	ng	0.01
5) Phenol-d6	7.05	99	390	0.08	ng	0.00
8) Nitrobenzene-d5	9.03	82	1882	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3379	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	502	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7014	0.43	ng	0.00
25) Fluoranthene-d10	19.31	212	49711	0.39	ng	0.00
29) Terphenyl-d14	19.90	244	11943	0.39	ng	0.00

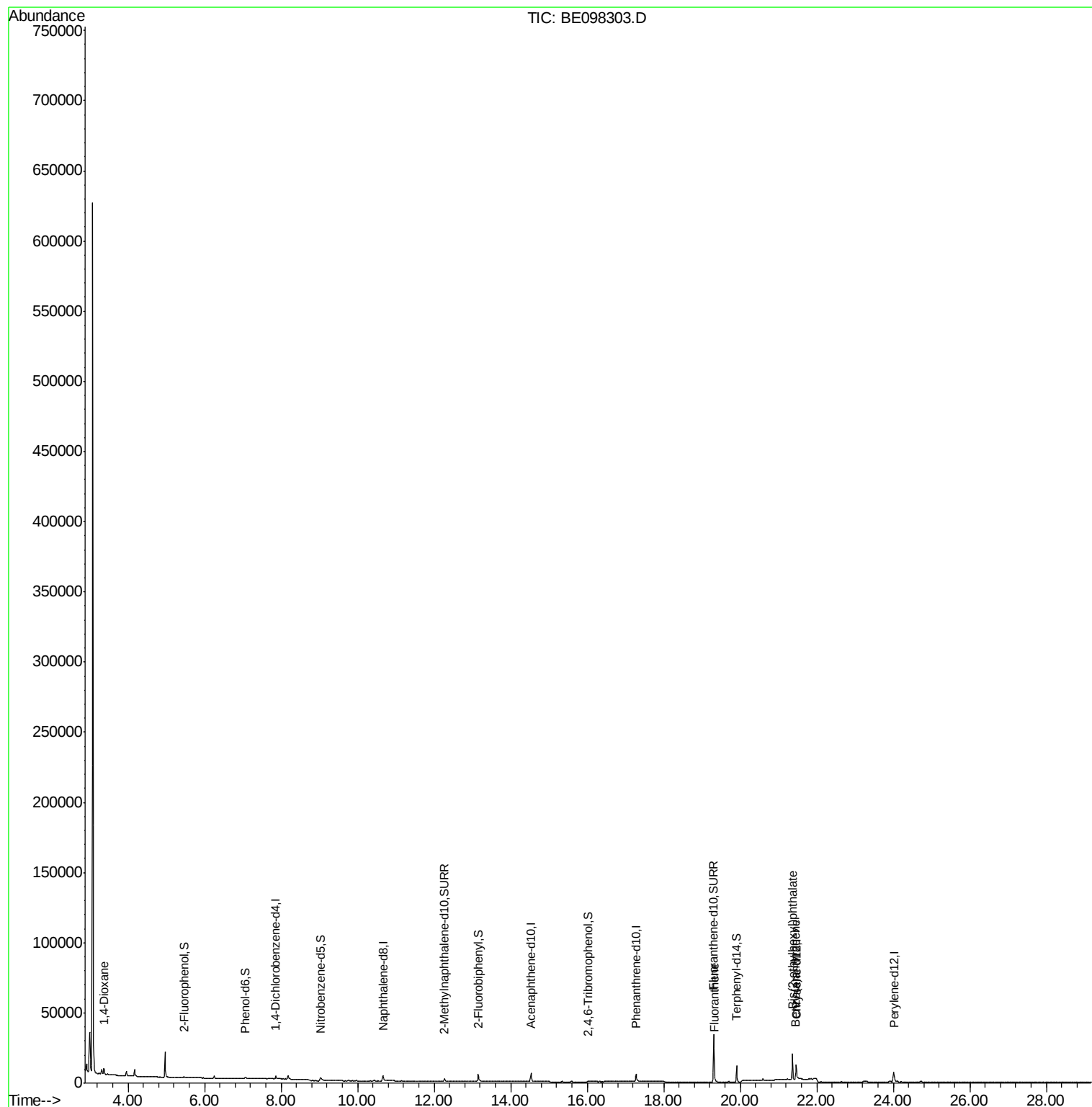
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	2406	0.931	ng	# 86
26) Fluoranthene	19.34	202	656	0.020	ng	# 92
30) Benzo(a)anthracene	21.45	228	777	0.022	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.37	149	21865	0.303	ng	# 99

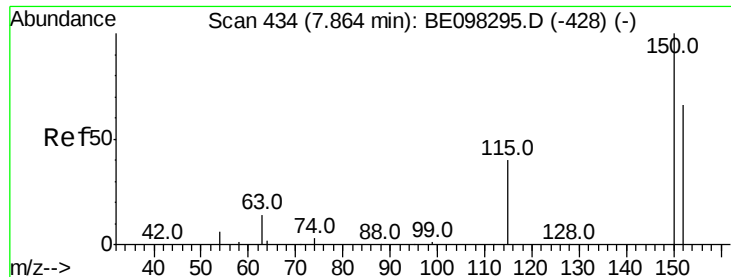
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

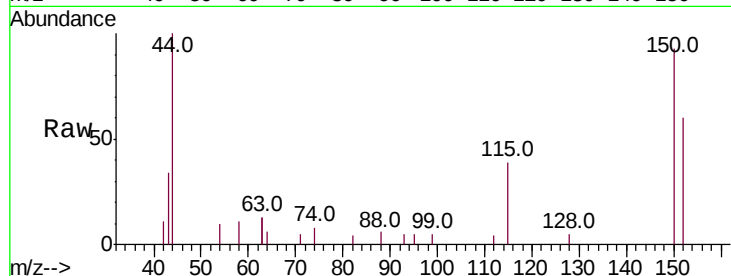
Tot Ion:152 Resp: 1495

Ion Ratio Lower Upper

152 100

150 154.3 124.2 186.4

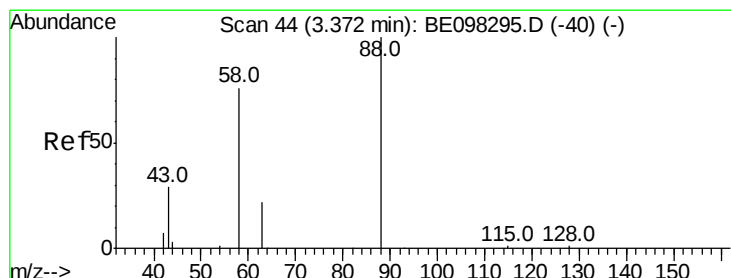
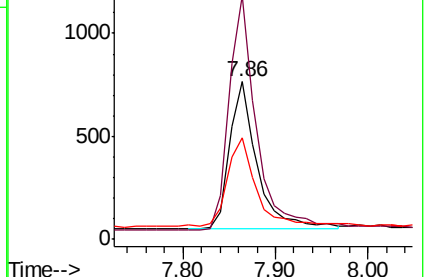
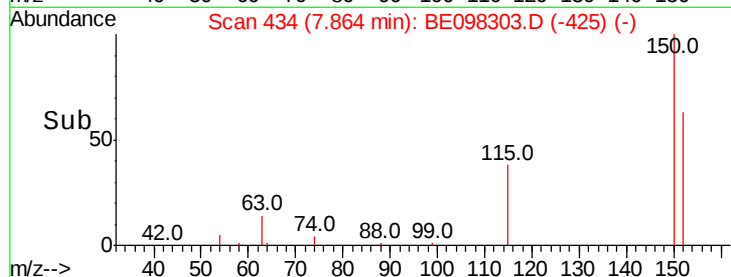
115 64.2 53.9 80.9



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: 0.931 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

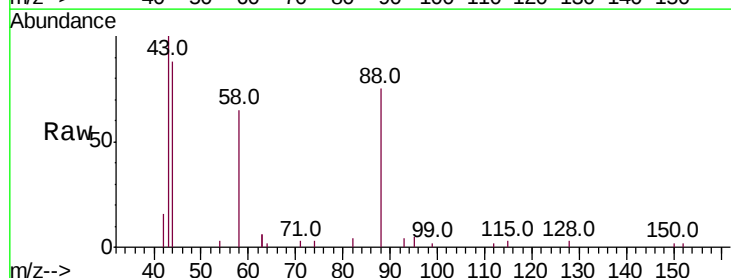
Tgt Ion: 88 Resp: 2406

Ion Ratio Lower Upper

88 100

58 98.9 75.0 112.6

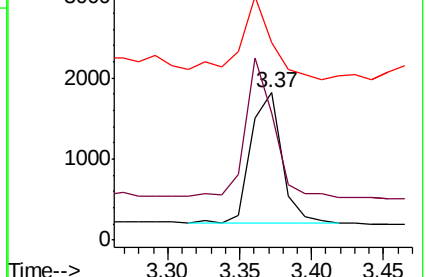
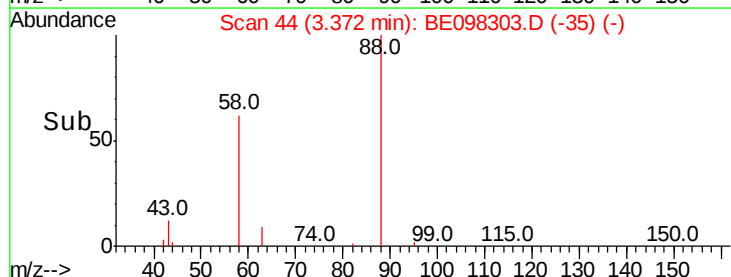
43 67.9 38.3 57.5#



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: 0.138 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

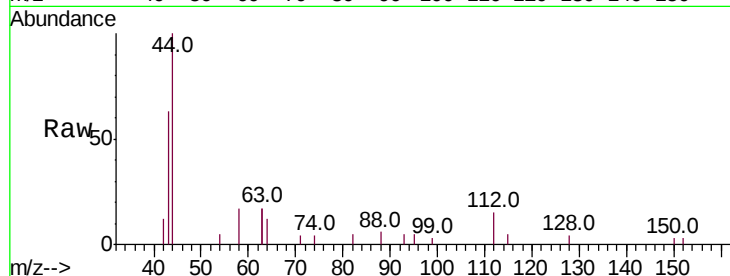
Tot Ion: 112 Resp: 483

Ion Ratio Lower Upper

112 100

64 86.1 59.8 89.8

63 157.1 133.7 200.5



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

800

600

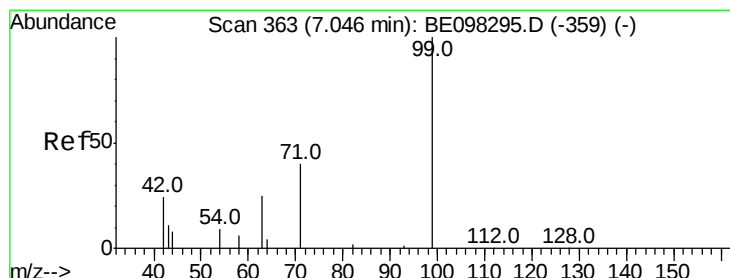
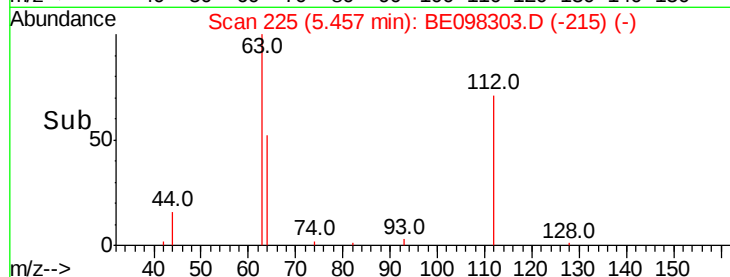
400

200

0

5.40 5.46 5.50 5.60

Time-->



#5

Phenol-d6

Concen: 0.079 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

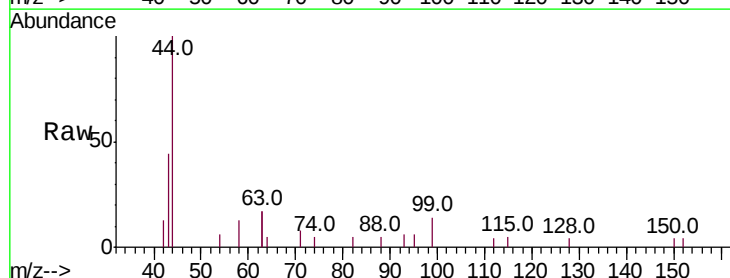
Tgt Ion: 99 Resp: 390

Ion Ratio Lower Upper

99 100

42 64.9 26.3 39.5#

71 0.0 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

250

200

150

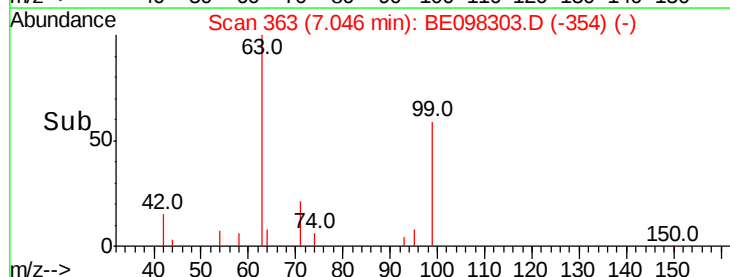
100

50

0

7.00 7.05 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

Tot Ion:136 Resp: 5937

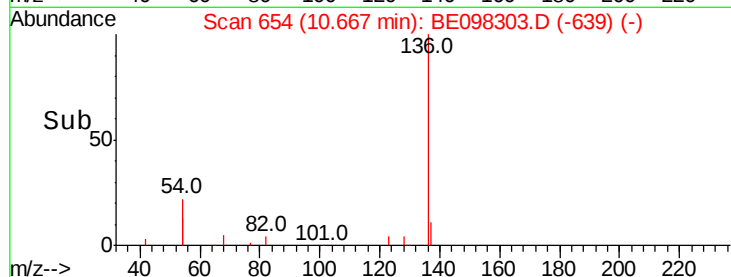
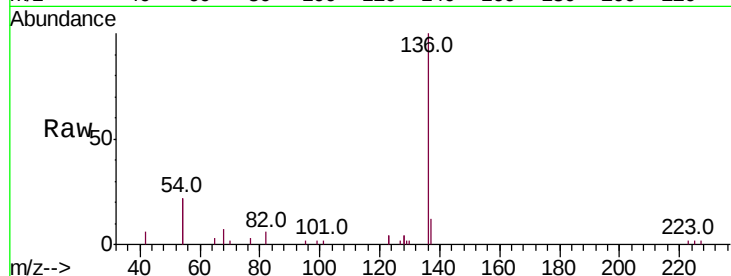
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 43.3 28.4 42.6#

68 7.2 5.4 8.0

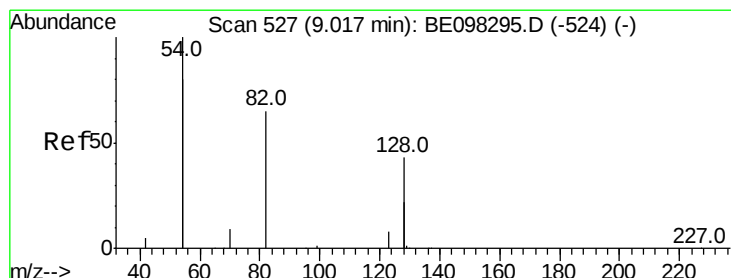
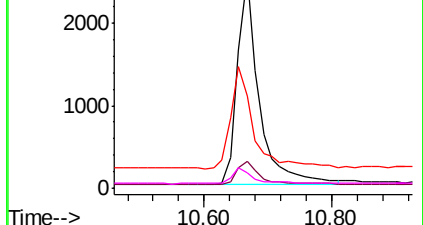


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

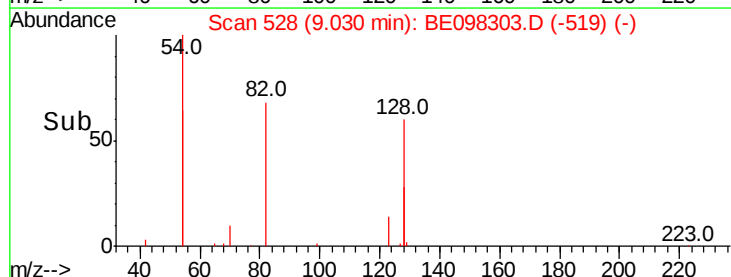
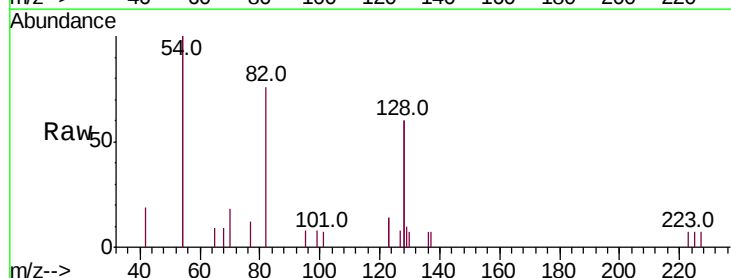
Tgt Ion: 82 Resp: 1882

Ion Ratio Lower Upper

82 100

128 158.4 102.4 153.6#

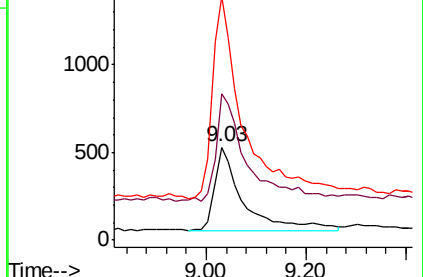
54 262.8 221.8 332.8

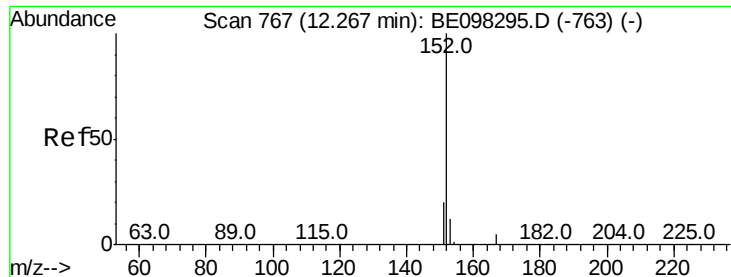


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

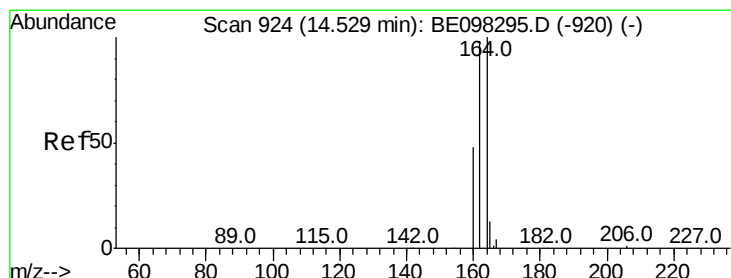
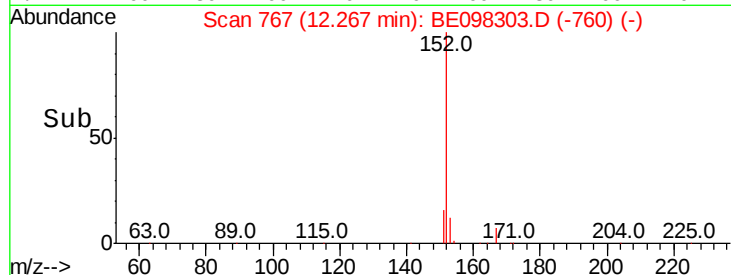
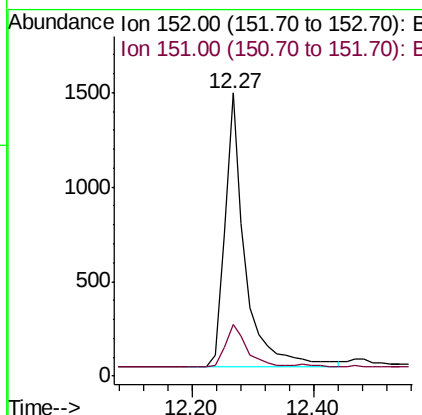
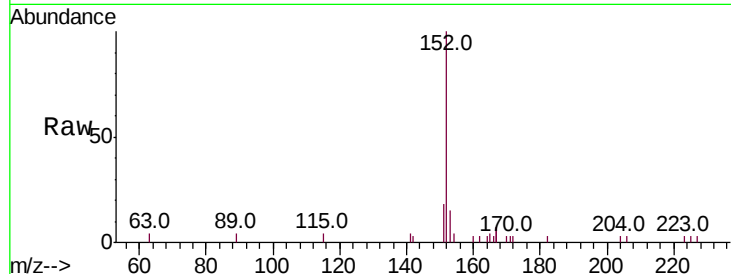




#11
 2-Methylnaphthalene-d10
 Concen: 0.350 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098303.D
 Acq: 10 Dec 2018 18:11

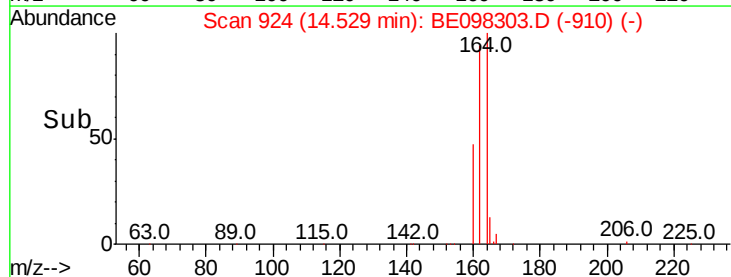
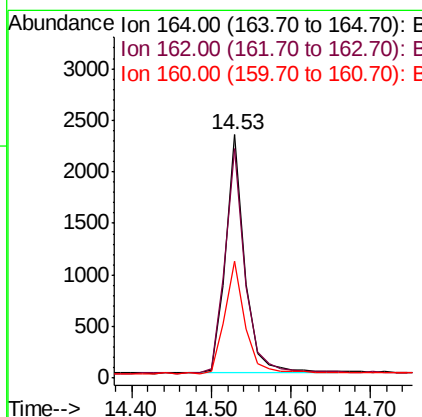
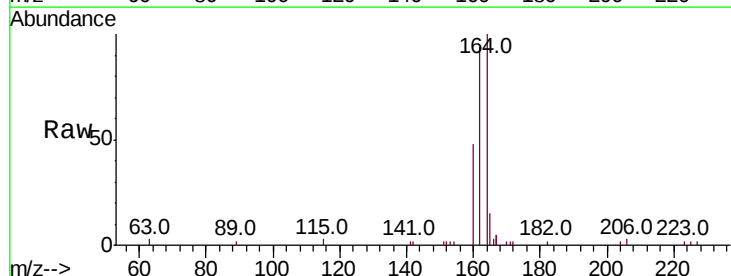
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306D-20181205

Tot Ion:152 Resp: 3379
 Ion Ratio Lower Upper
 152 100
 151 16.7 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098303.D
 Acq: 10 Dec 2018 18:11

Tgt Ion:164 Resp: 3894
 Ion Ratio Lower Upper
 164 100
 162 94.2 77.6 116.4
 160 47.9 36.0 54.0

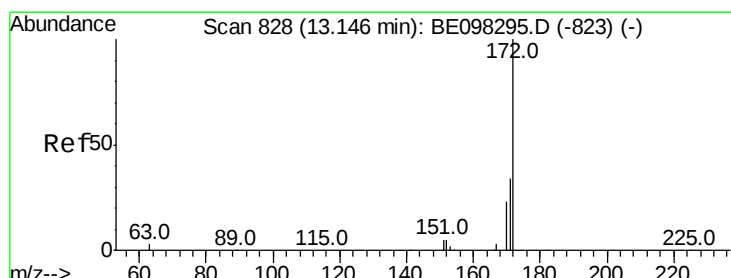
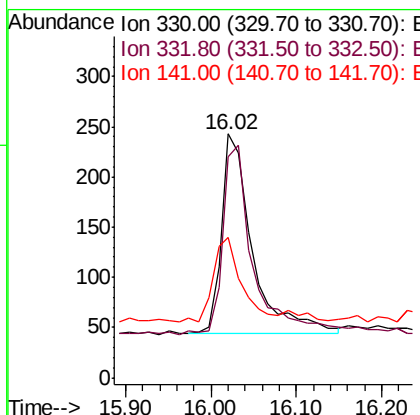
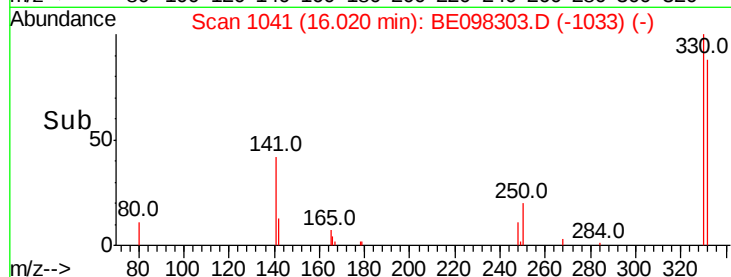
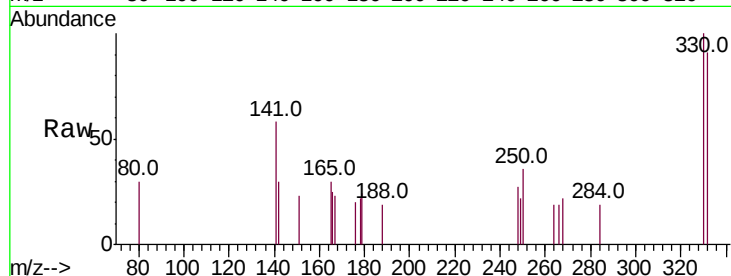




#14
 2,4,6-Tribromophenol
 Concen: 0.351 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098303.D
 Acq: 10 Dec 2018 18:11

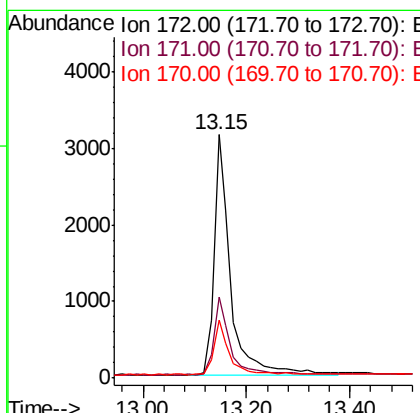
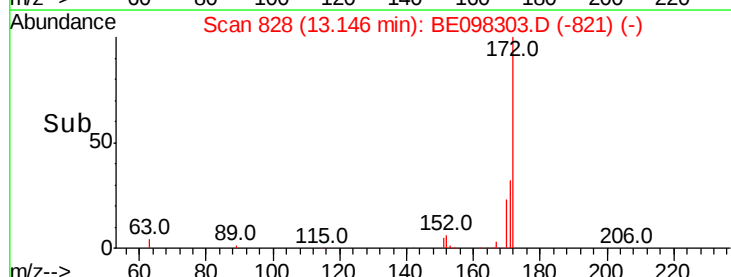
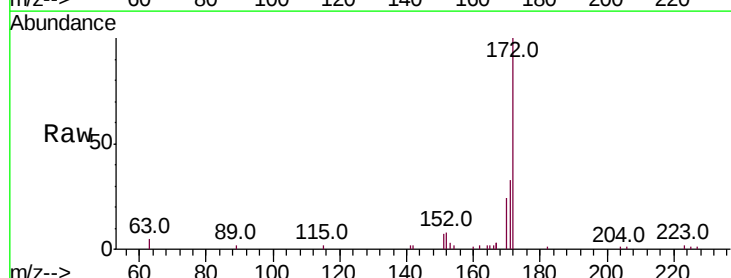
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306D-20181205

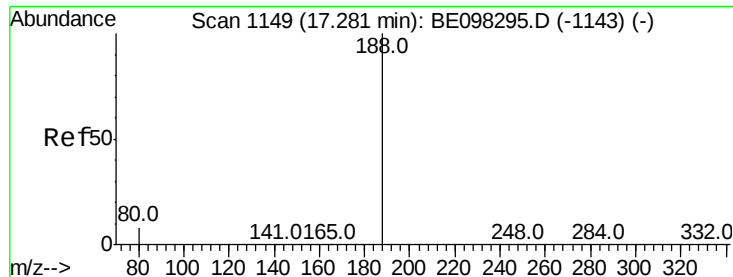
Tot Ion:330 Resp: 502
 Ion Ratio Lower Upper
 330 100
 332 98.8 76.2 114.4
 141 40.2 39.0 58.4



#15
 2-Fluorobiphenyl
 Concen: 0.427 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098303.D
 Acq: 10 Dec 2018 18:11

Tgt Ion:172 Resp: 7014
 Ion Ratio Lower Upper
 172 100
 171 33.4 27.5 41.3
 170 23.9 19.6 29.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

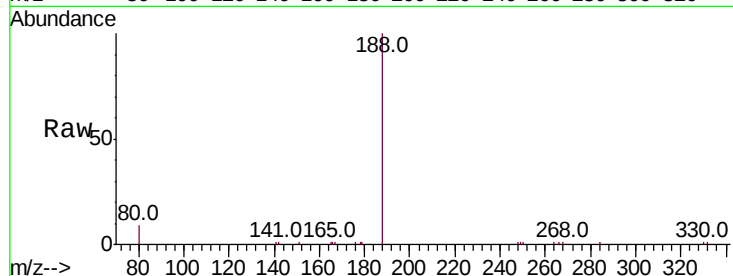
Tot Ion:188 Resp: 10049

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

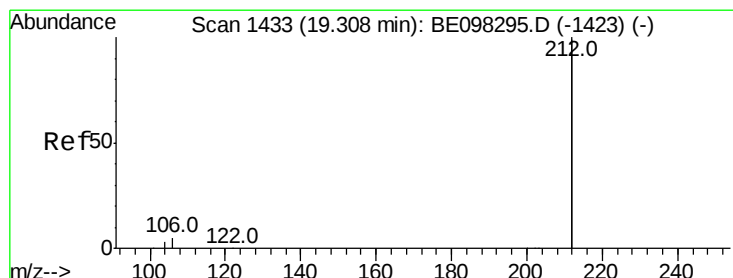
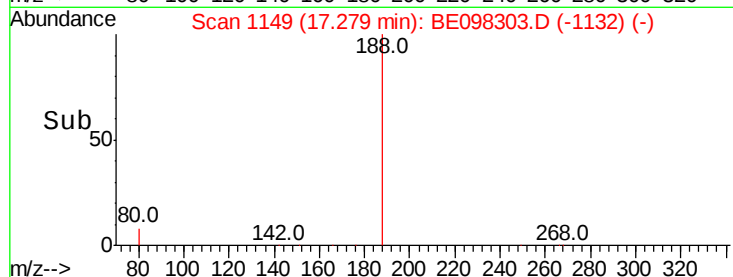
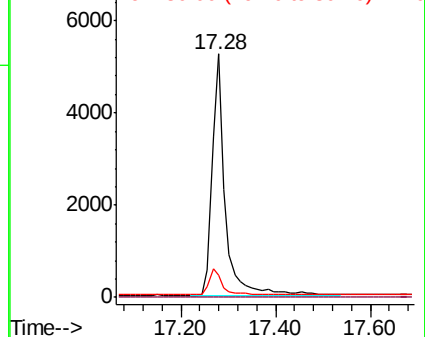
80 8.9 7.2 10.8



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



#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

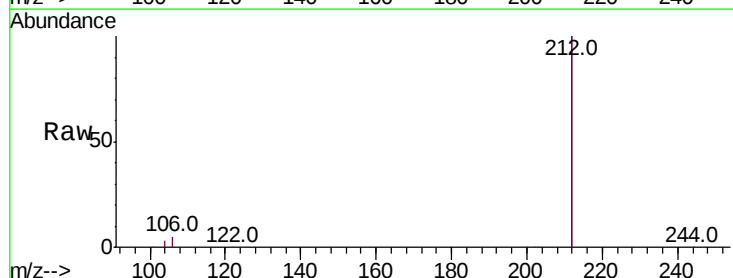
Tgt Ion:212 Resp: 49711

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

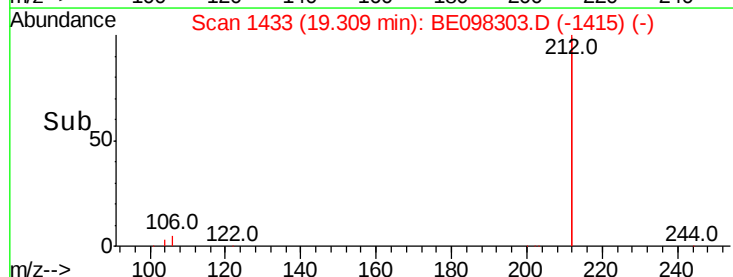
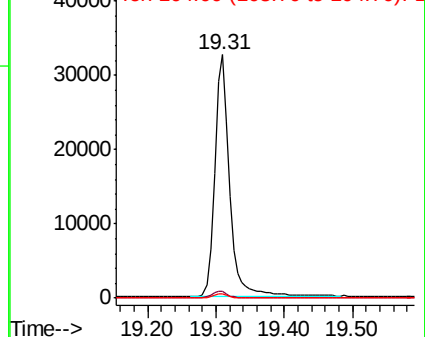
104 1.6 1.3 1.9

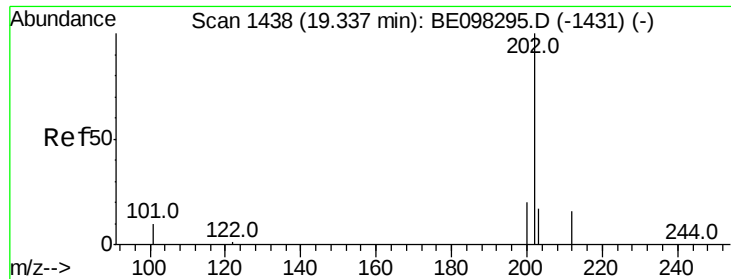


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

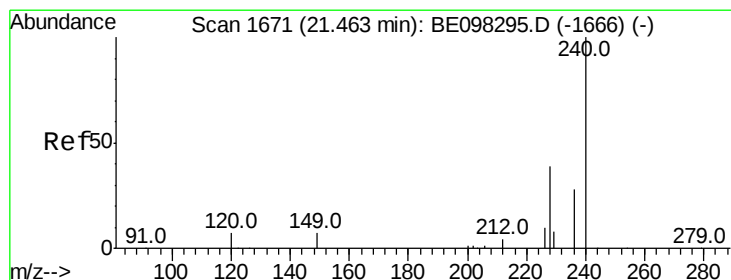
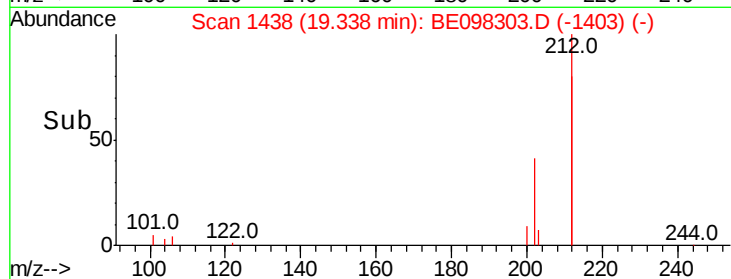
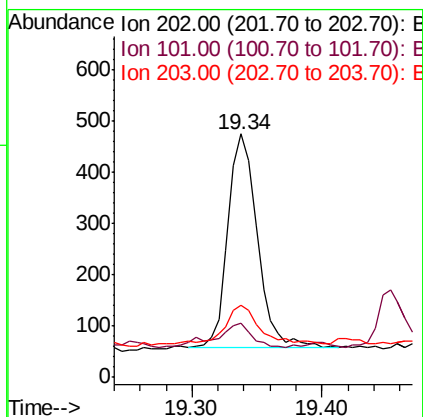
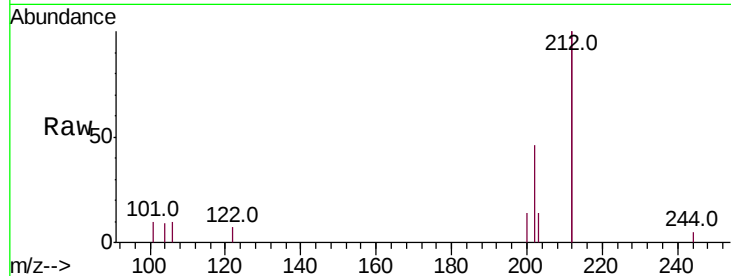




#26
Fluoranthene
Concen: 0.020 ng
RT: 19.34 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE098303.D
Acq: 10 Dec 2018 18:11

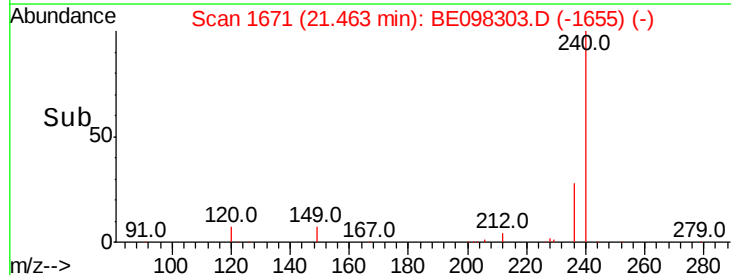
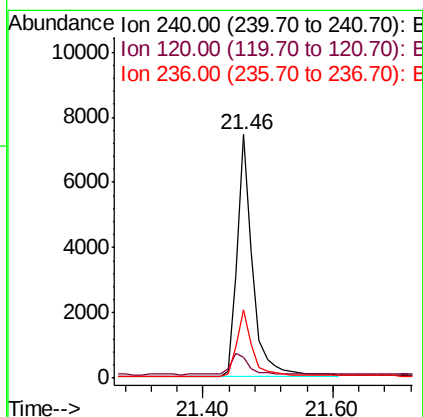
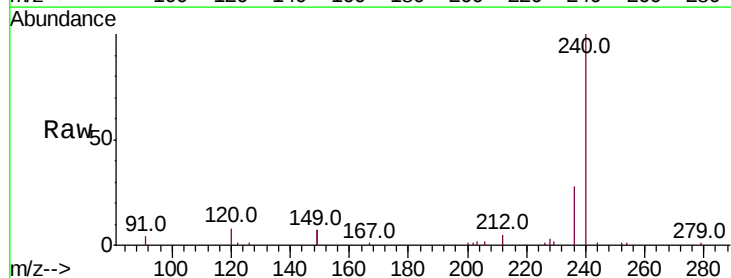
Instrument :
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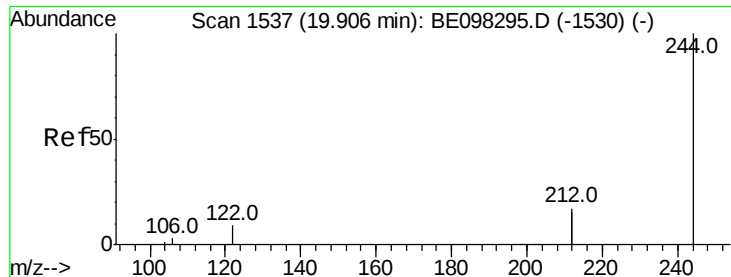
Tot Ion:202 Resp: 656
Ion Ratio Lower Upper
202 100
101 10.2 8.0 12.0
203 22.6 13.8 20.6#



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098303.D
Acq: 10 Dec 2018 18:11

Tgt Ion:240 Resp: 12461
Ion Ratio Lower Upper
240 100
120 8.4 9.5 14.3#
236 28.2 22.7 34.1





#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

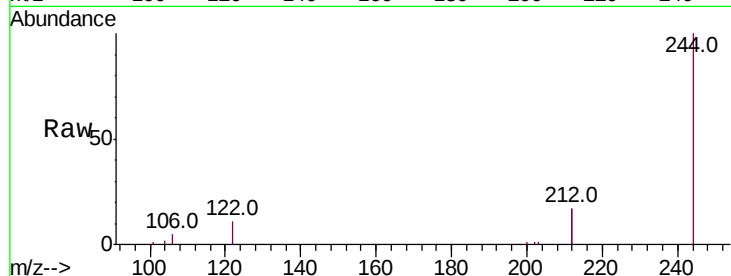
Tot Ion:244 Resp: 11943

Ion Ratio Lower Upper

244 100

212 34.9 27.4 41.0

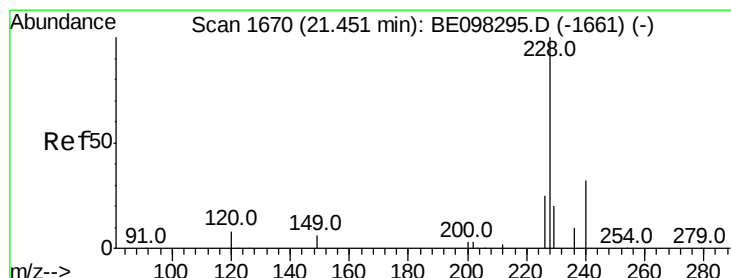
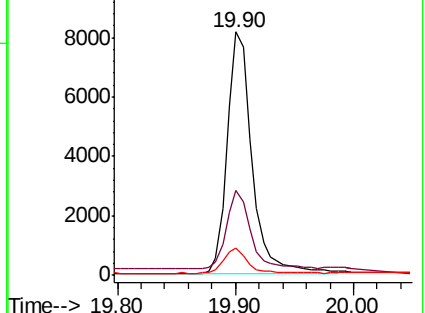
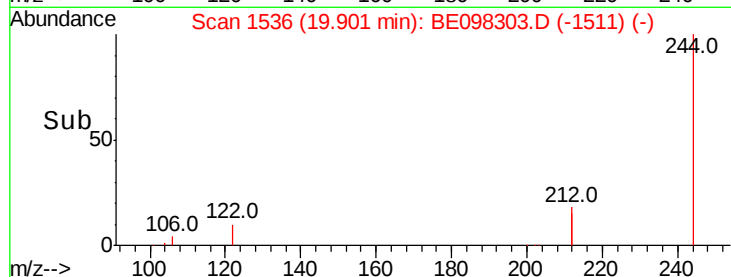
122 11.2 8.3 12.5



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



#30

Benzo(a)anthracene

Concen: 0.022 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

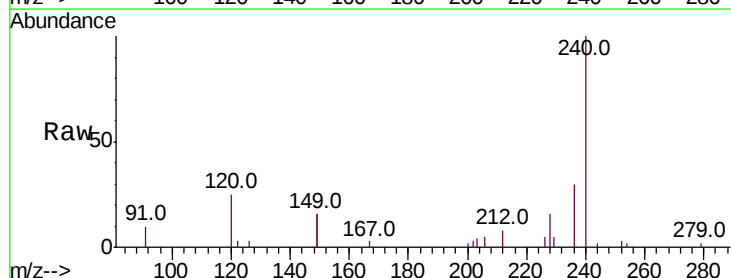
Tgt Ion:228 Resp: 777

Ion Ratio Lower Upper

228 100

226 32.3 21.8 32.8

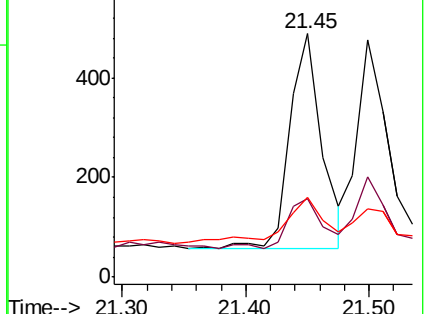
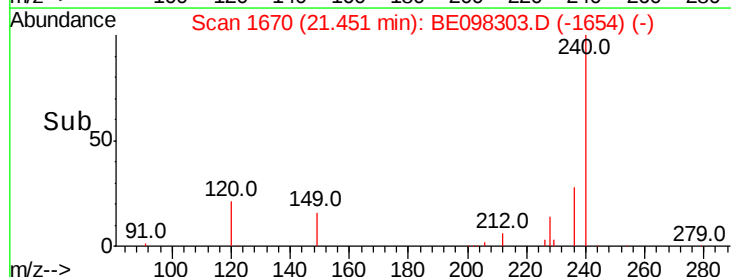
229 32.5 16.3 24.5#

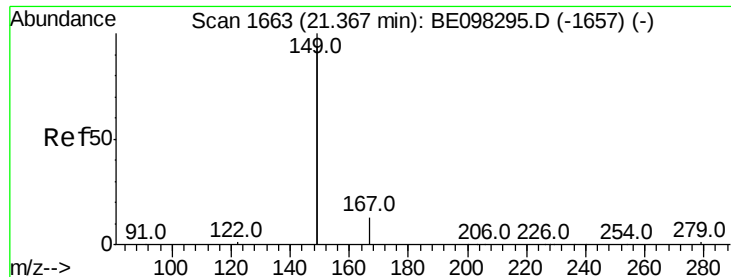


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

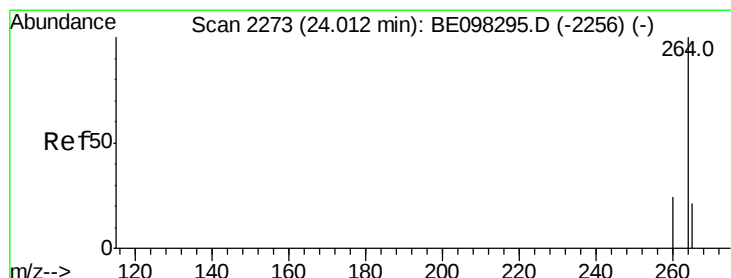
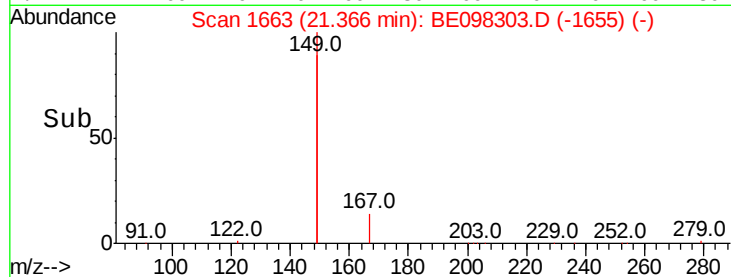
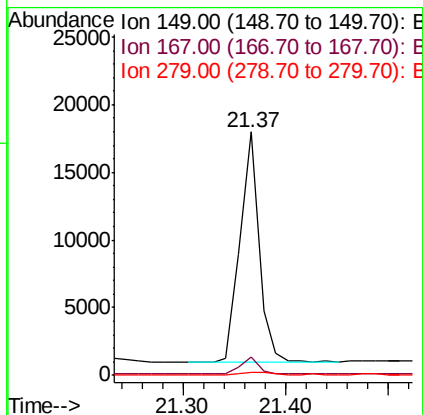
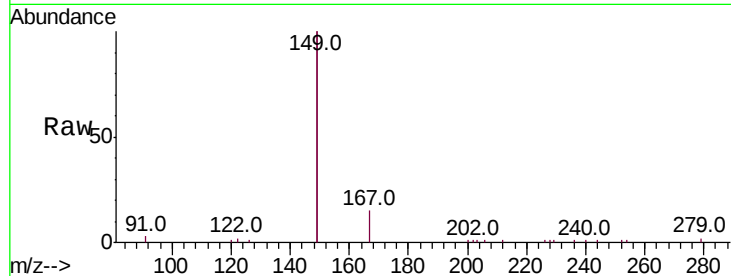




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.303 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098303.D
 Acq: 10 Dec 2018 18:11

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306D-20181205

Tot Ion:149 Resp: 21865
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.7 8.5
 279 1.0 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BE098303.D
 Acq: 10 Dec 2018 18:11

Tgt Ion:264 Resp: 11949
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.2 30.2
 265 28.9 25.2 37.8

