

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098347.D
 Acq On : 11 Dec 2018 23:53
 Operator : SJ/JU
 Sample : J6314-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW314S-20181206

Quant Time: Dec 12 03:00:08 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	1154	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4896	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3115	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8373	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10056	0.40	ng	0.00
34) Perylene-d12	24.00	264	9470	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	514	0.19	ng	0.00
5) Phenol-d6	7.04	99	384	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	2021	0.45	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3340	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	579	0.51	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7629	0.58	ng	0.00
25) Fluoranthene-d10	19.30	212	48182	0.45	ng	0.00
29) Terphenyl-d14	19.90	244	16311	0.67	ng	0.00
Target Compounds						
26) Fluoranthene	19.34	202	622	0.023	ng	Qvalue # 93
28) Pyrene	19.70	202	636	0.020	ng	93
30) Benzo(a)anthracene	21.45	228	650	0.023	ng	# 79
31) Chrysene	21.50	228	699	0.023	ng	# 77
32) Bis(2-ethylhexyl)phthalate	21.37	149	5389	0.093	ng	99

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

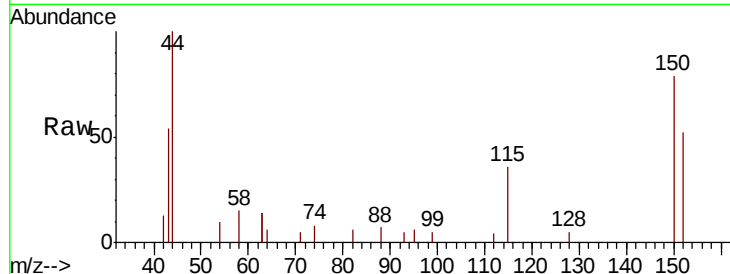


#1

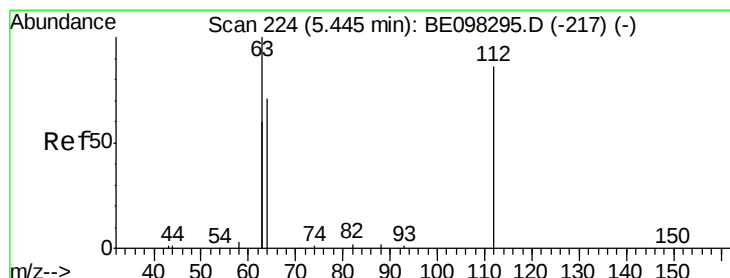
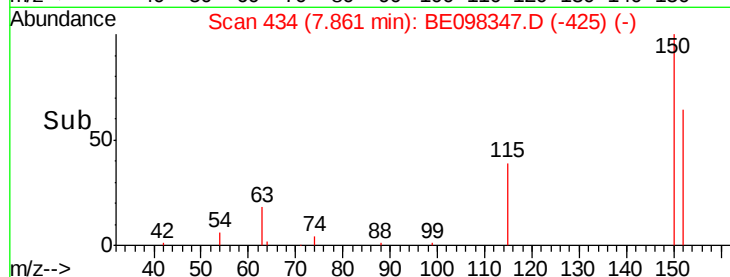
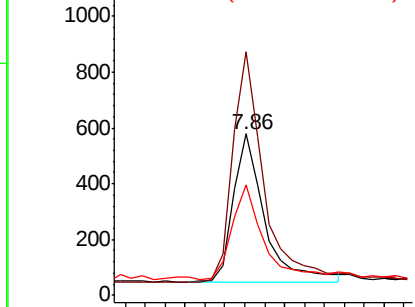
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098347.D
Acq: 11 Dec 2018 23:53

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW314S-20181206

Tot Ion:152 Resp: 1154
Ion Ratio Lower Upper
152 100
150 150.8 124.2 186.4
115 68.4 53.9 80.9



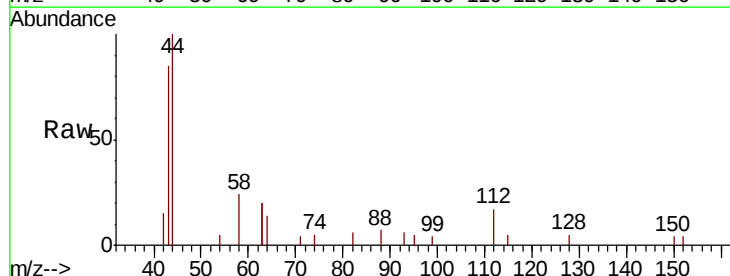
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



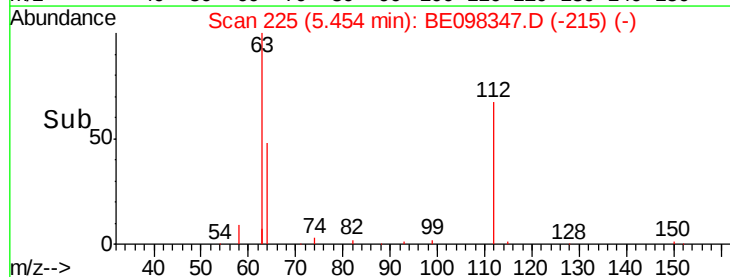
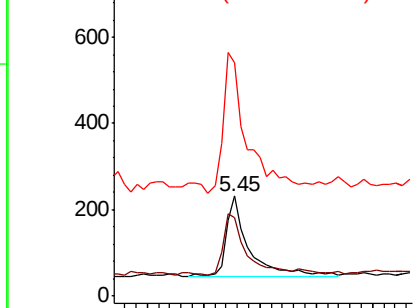
#4

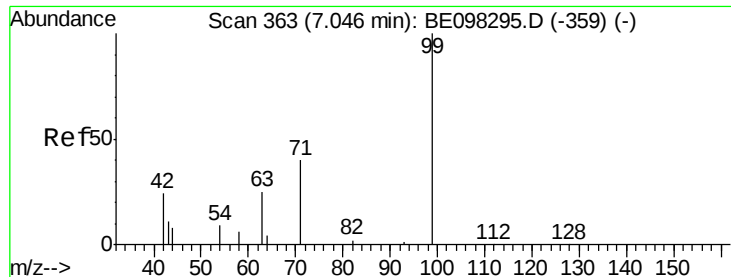
2-Fluorophenol
Concen: 0.190 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098347.D
Acq: 11 Dec 2018 23:53

Tgt Ion:112 Resp: 514
Ion Ratio Lower Upper
112 100
64 77.4 59.8 89.8
63 196.5 133.7 200.5



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: 0.100 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098347.D

Acq: 11 Dec 2018 23:53

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20181206

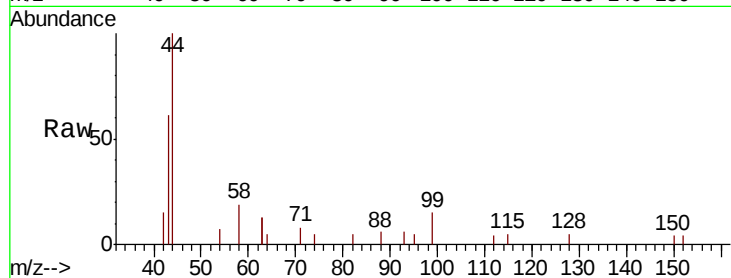
Tot Ion: 99 Resp: 384

Ion Ratio Lower Upper

99 100

42 39.3 26.3 39.5

71 34.9 33.6 50.4



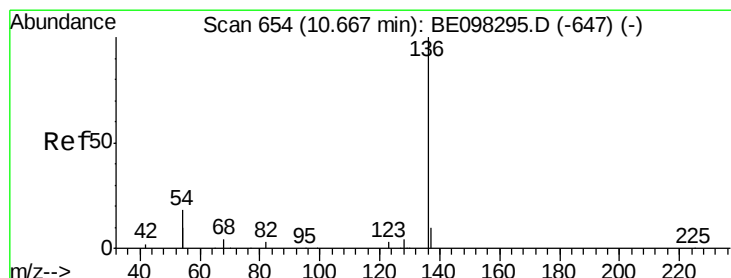
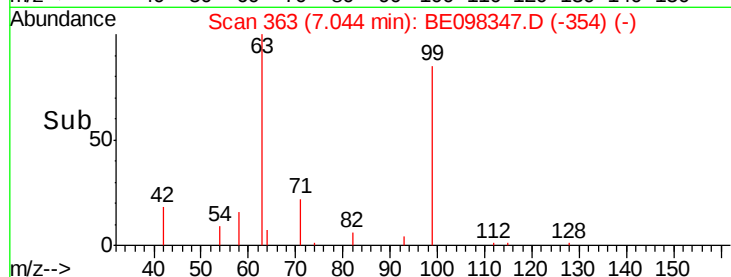
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.04

Time--> 6.90 7.00 7.10 7.20



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098347.D

Acq: 11 Dec 2018 23:53

Tgt Ion: 136 Resp: 4896

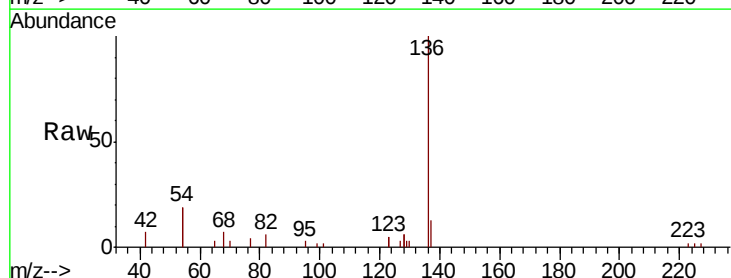
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 38.1 28.4 42.6

68 6.7 5.4 8.0



Abundance Ion 136.00 (135.70 to 136.70): E

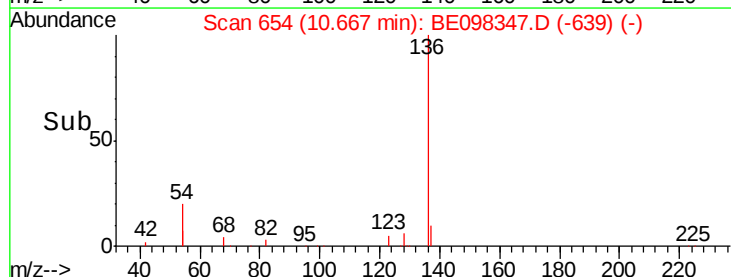
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

10.67

Time--> 10.60 10.80

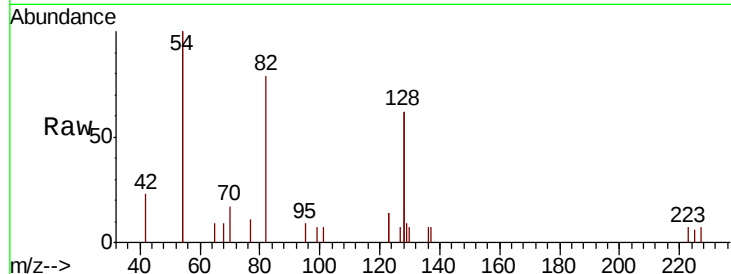




#8
 Nitrobenzene-d5
 Concen: 0.453 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098347.D
 Acq: 11 Dec 2018 23:53

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW314S-20181206

Tot Ion	Ratio	Lower	Upper
82	100		
128	158.1	102.4	153.6
54	254.7	221.8	332.8

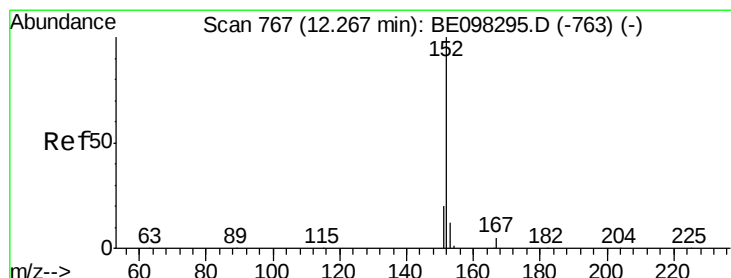
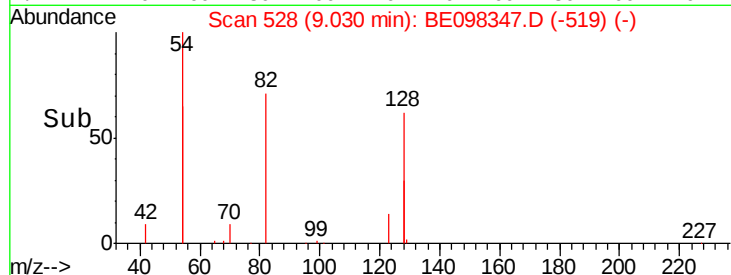
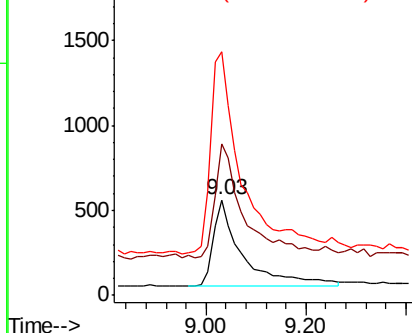


Abundance

Ion 82.00 (81.70 to 82.70): BE0

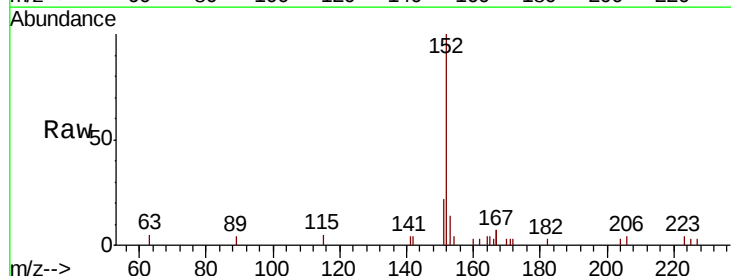
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



#11
 2-Methylnaphthalene-d10
 Concen: 0.420 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098347.D
 Acq: 11 Dec 2018 23:53

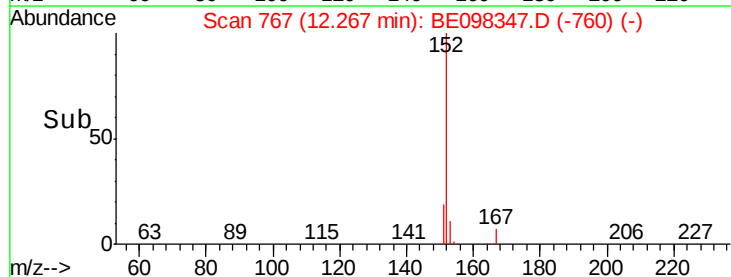
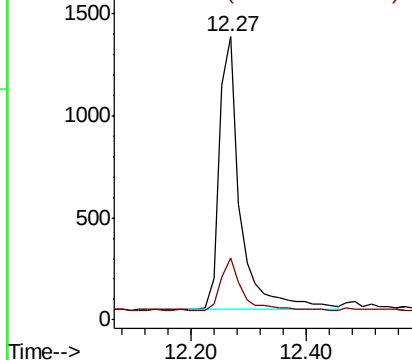
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4

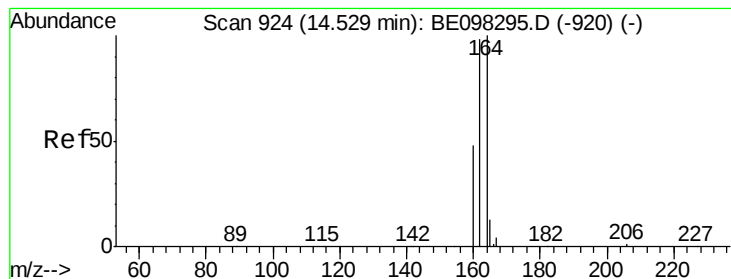


Abundance

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: BE098347.D

Acq: 11 Dec 2018 23:53

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20181206

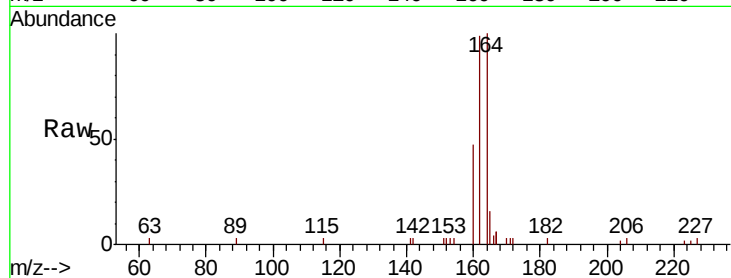
Tot Ion:164 Resp: 3115

Ion Ratio Lower Upper

164 100

162 98.7 77.6 116.4

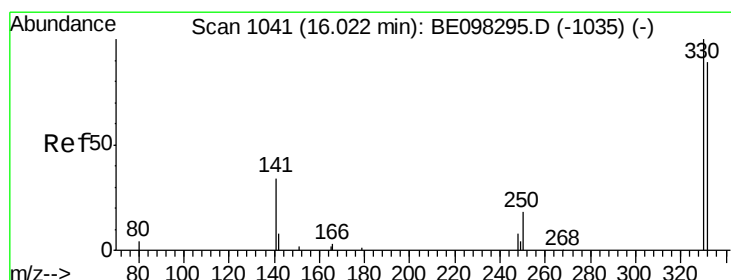
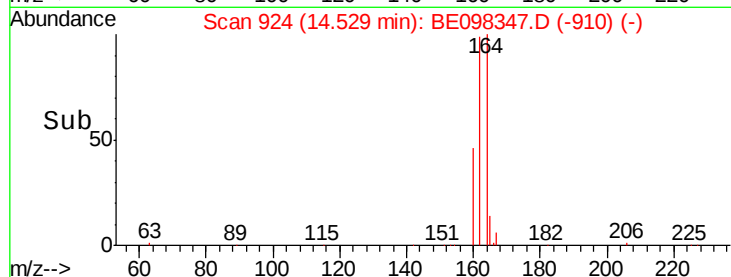
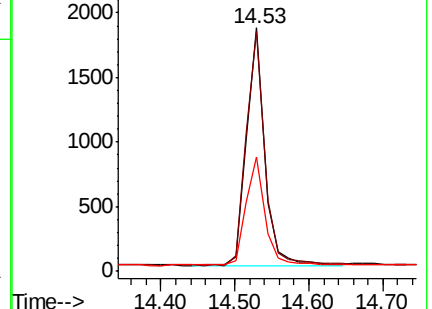
160 47.1 36.0 54.0



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: 0.506 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098347.D

Acq: 11 Dec 2018 23:53

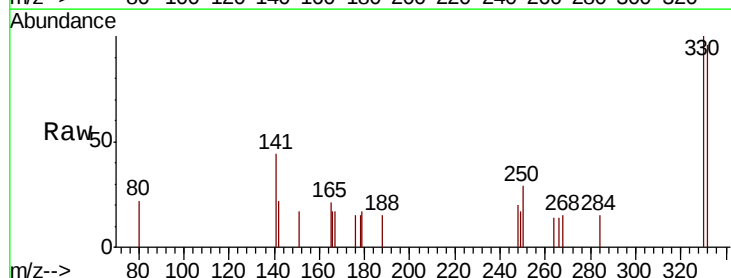
Tgt Ion:330 Resp: 579

Ion Ratio Lower Upper

330 100

332 97.4 76.2 114.4

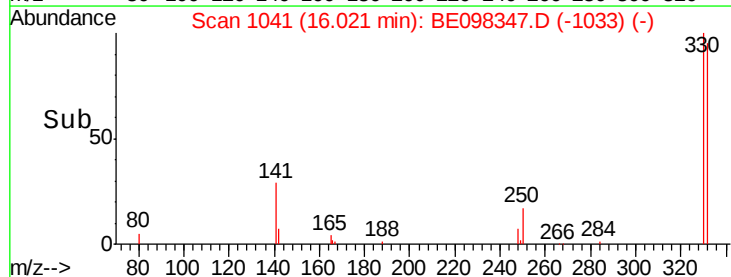
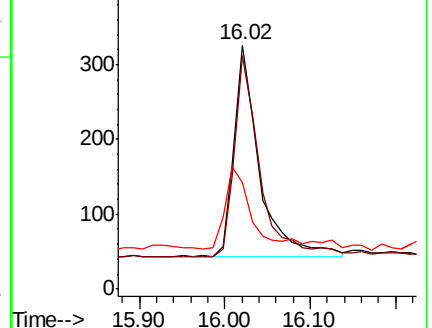
141 48.9 39.0 58.4

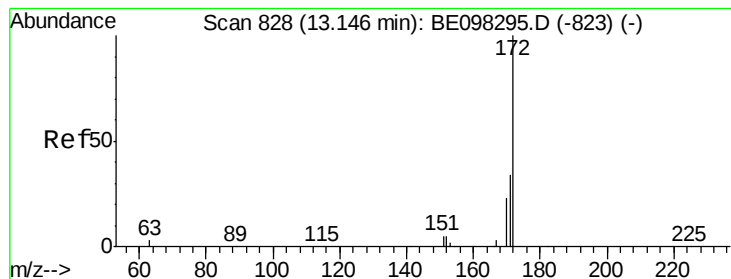


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

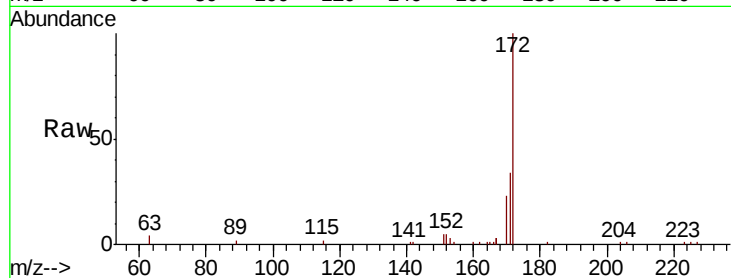




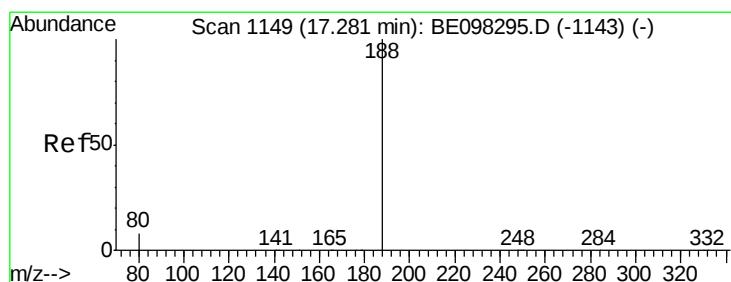
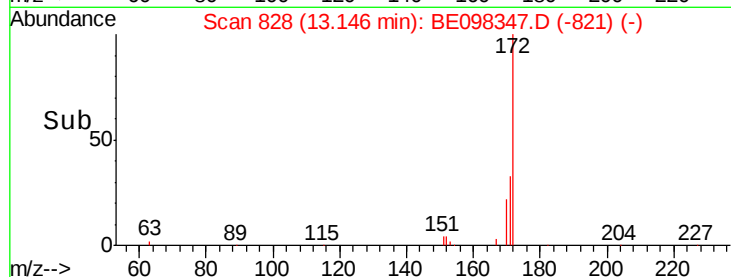
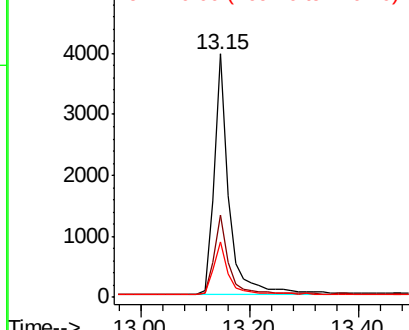
#15
2-Fluorobiphenyl
Concen: 0.581 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098347.D
Acq: 11 Dec 2018 23:53

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW314S-20181206

Tot Ion:172 Resp: 7629
Ion Ratio Lower Upper
172 100
171 34.0 27.5 41.3
170 22.8 19.6 29.4

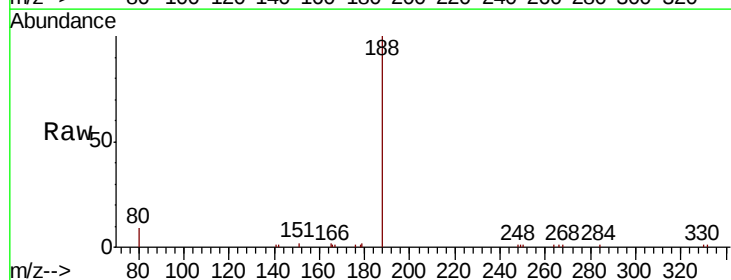


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

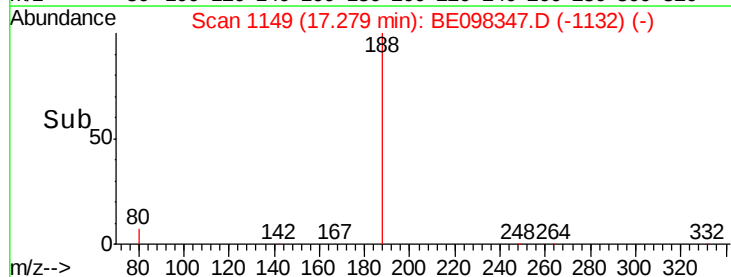
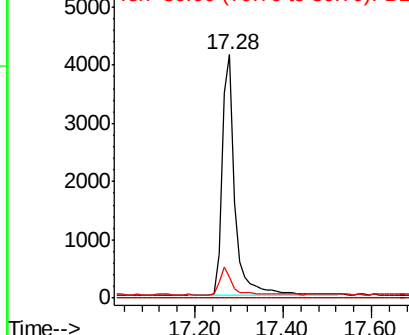


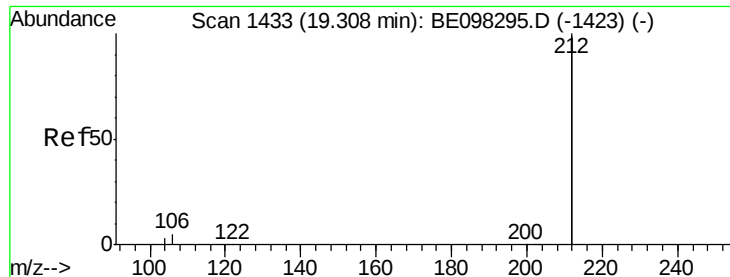
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098347.D
Acq: 11 Dec 2018 23:53

Tgt Ion:188 Resp: 8373
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 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: 0.449 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098347.D

Acq: 11 Dec 2018 23:53

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20181206

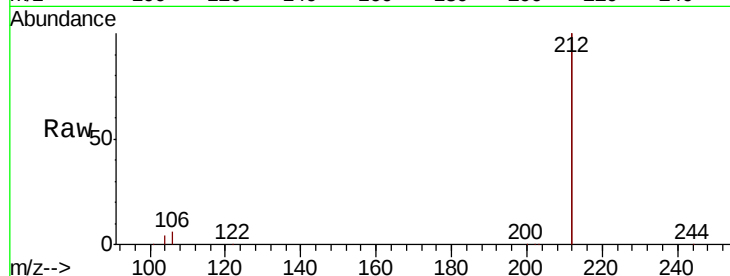
Tot Ion:212 Resp: 48182

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

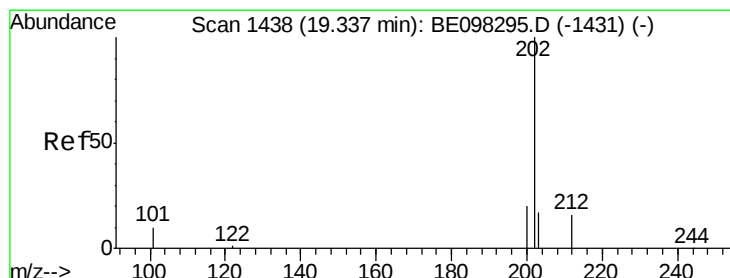
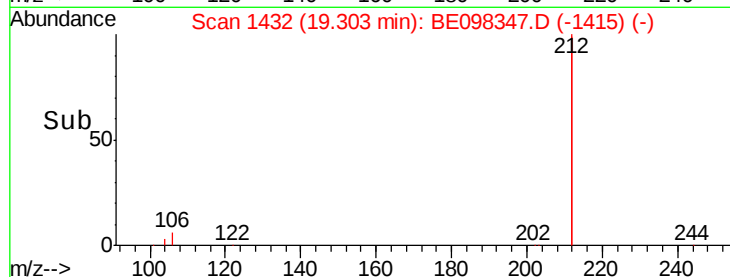
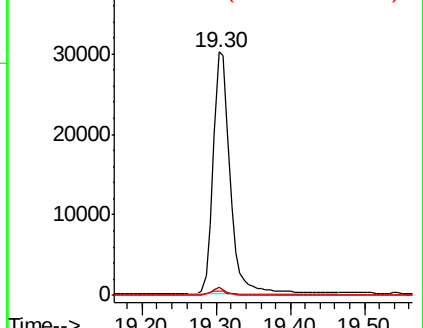
104 1.6 1.3 1.9



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: 0.023 ng

RT: 19.34 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE098347.D

Acq: 11 Dec 2018 23:53

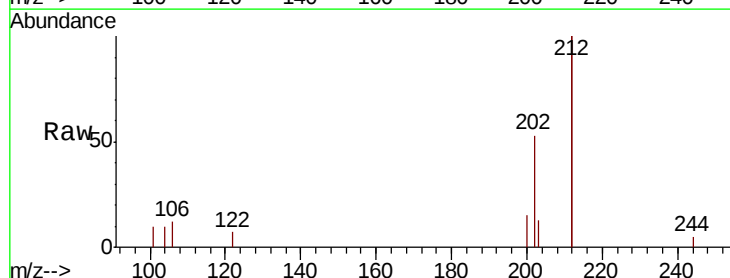
Tgt Ion:202 Resp: 622

Ion Ratio Lower Upper

202 100

101 13.7 8.0 12.0#

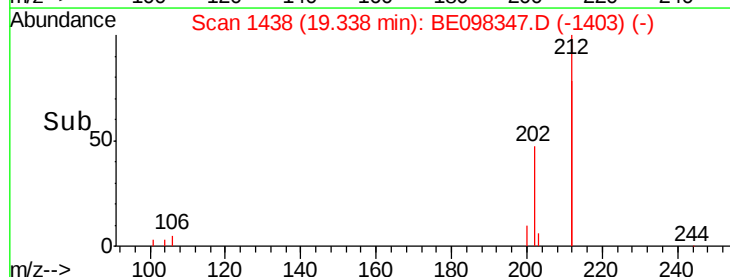
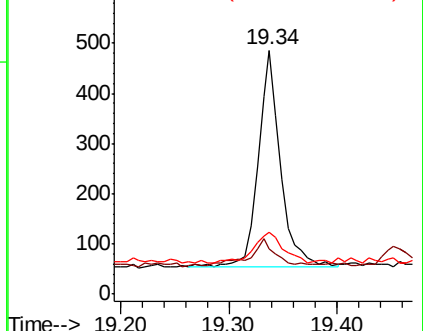
203 19.5 13.8 20.6

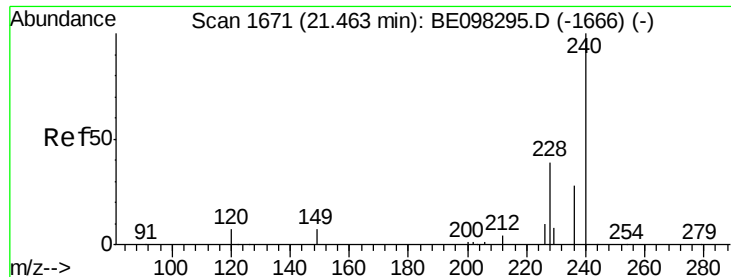


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

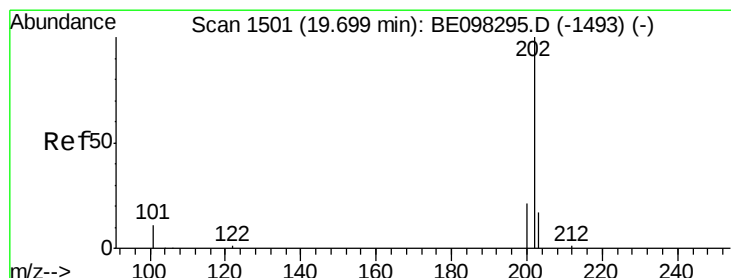
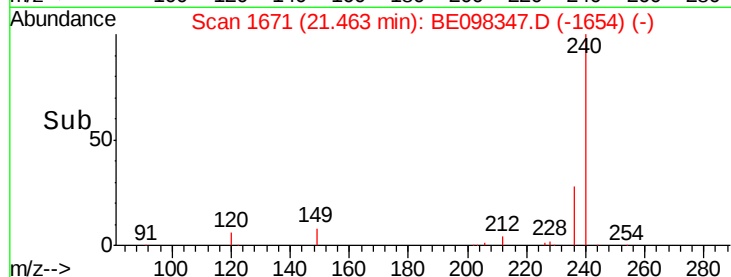
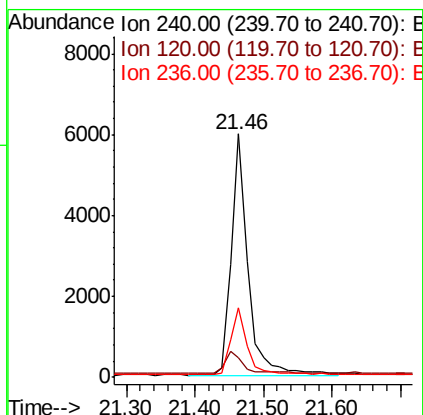
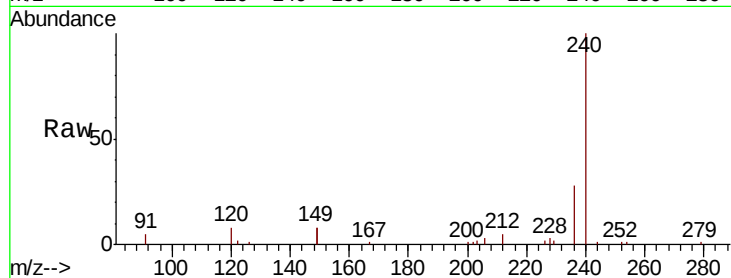




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098347.D
 Acq: 11 Dec 2018 23:53

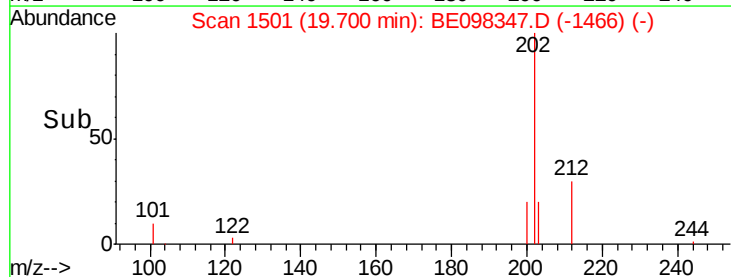
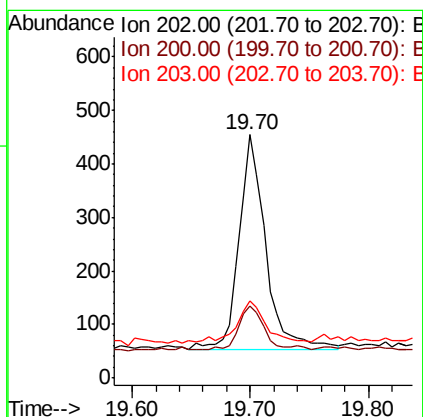
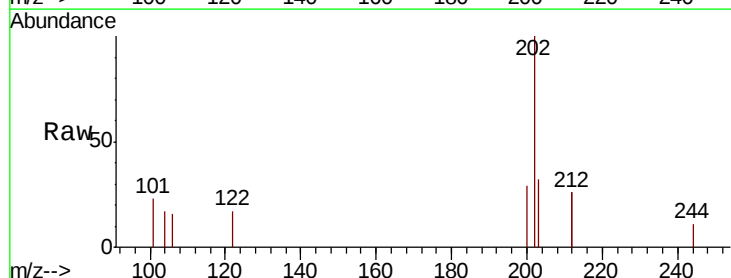
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW314S-20181206

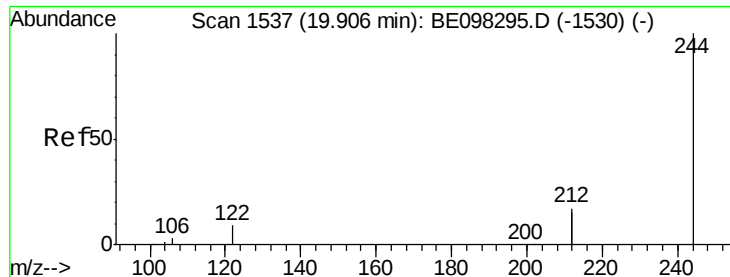
Tot Ion:240 Resp: 10056
 Ion Ratio Lower Upper
 240 100
 120 8.2 9.5 14.3#
 236 28.4 22.7 34.1



#28
 Pyrene
 Concen: 0.020 ng
 RT: 19.70 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BE098347.D
 Acq: 11 Dec 2018 23:53

Tgt Ion:202 Resp: 636
 Ion Ratio Lower Upper
 202 100
 200 17.9 16.7 25.1
 203 20.6 14.1 21.1





#29

Terphenyl-d14

Concen: 0.667 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098347.D

Acq: 11 Dec 2018 23:53

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20181206

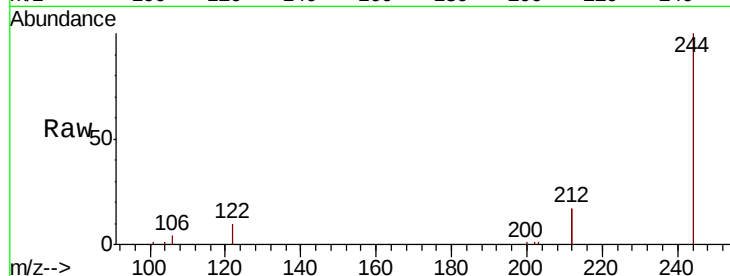
Tot Ion:244 Resp: 16311

Ion Ratio Lower Upper

244 100

212 33.8 27.4 41.0

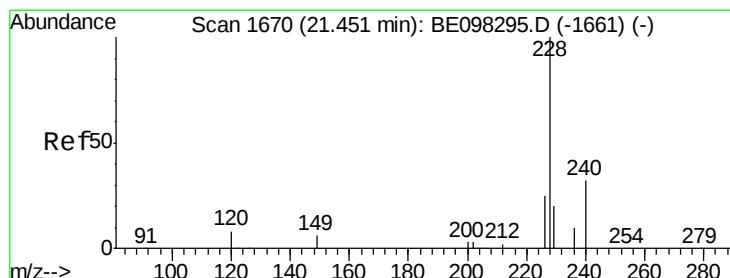
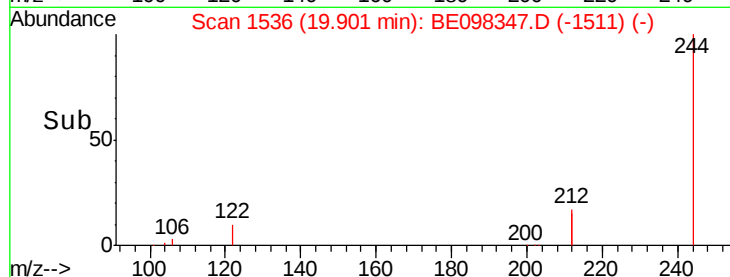
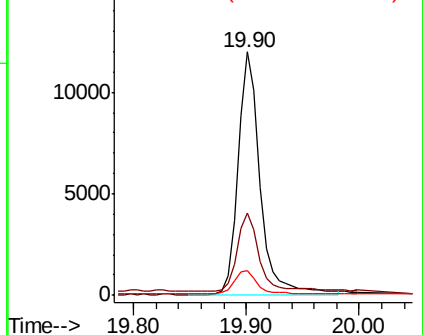
122 10.0 8.3 12.5



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: 0.023 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098347.D

Acq: 11 Dec 2018 23:53

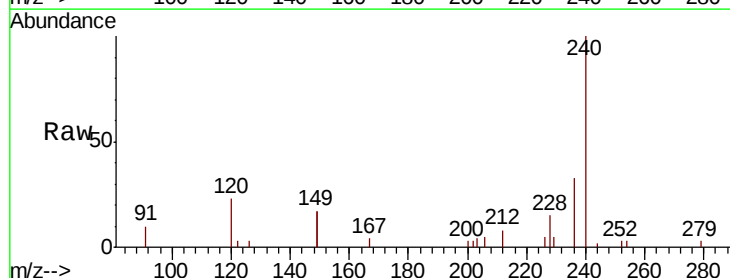
Tgt Ion:228 Resp: 650

Ion Ratio Lower Upper

228 100

226 35.8 21.8 32.8#

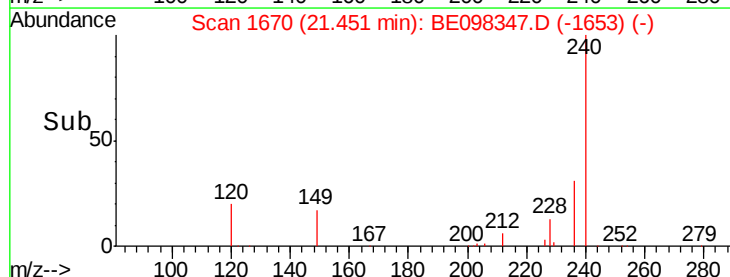
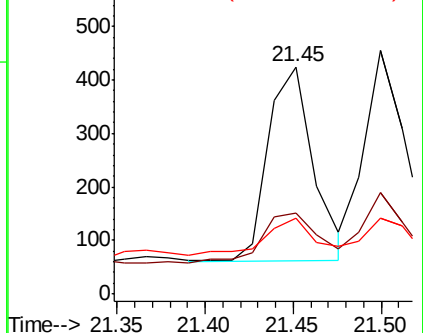
229 33.5 16.3 24.5#

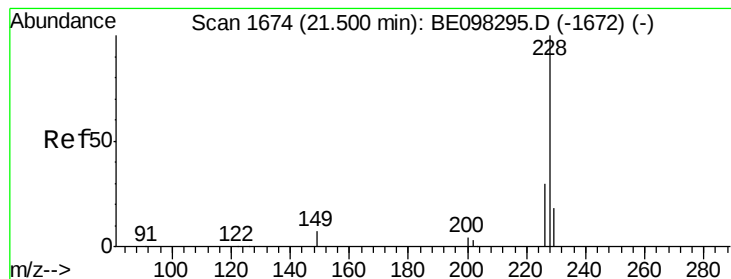


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.023 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098347.D

Acq: 11 Dec 2018 23:53

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20181206

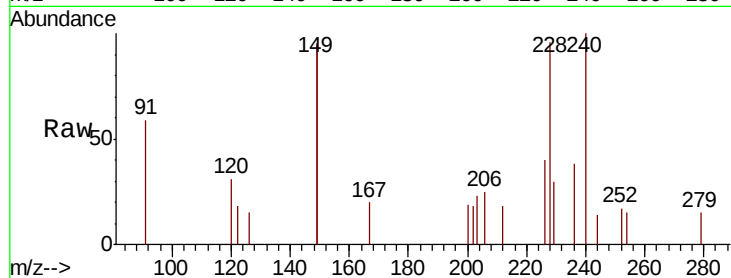
Tot Ion:228 Resp: 699

Ion Ratio Lower Upper

228 100

226 41.8 23.4 35.0#

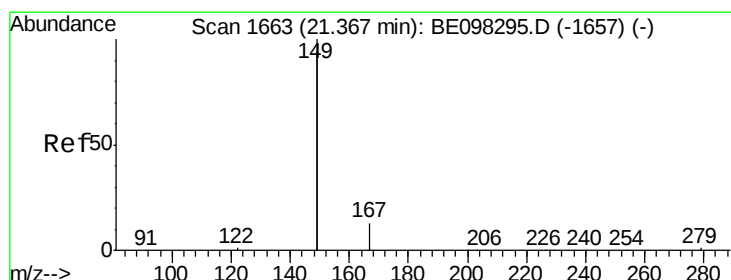
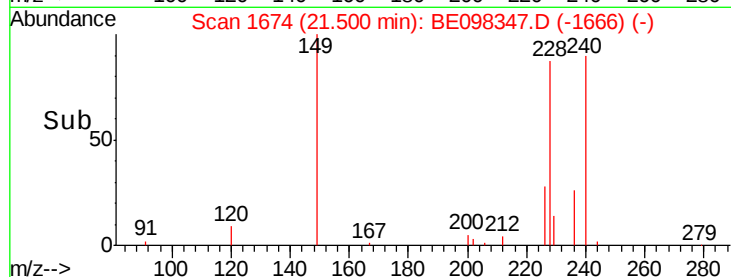
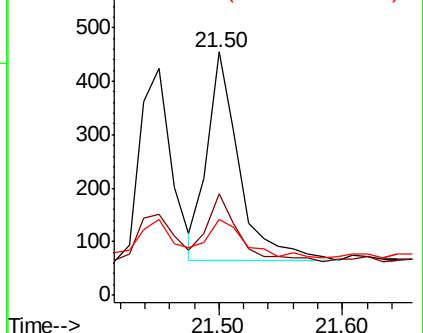
229 31.0 16.2 24.4#



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: 0.093 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098347.D

Acq: 11 Dec 2018 23:53

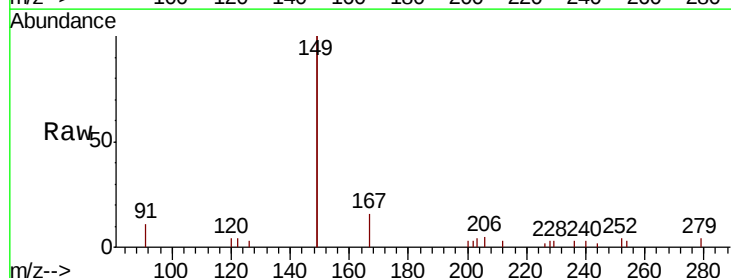
Tgt Ion:149 Resp: 5389

Ion Ratio Lower Upper

149 100

167 7.7 5.7 8.5

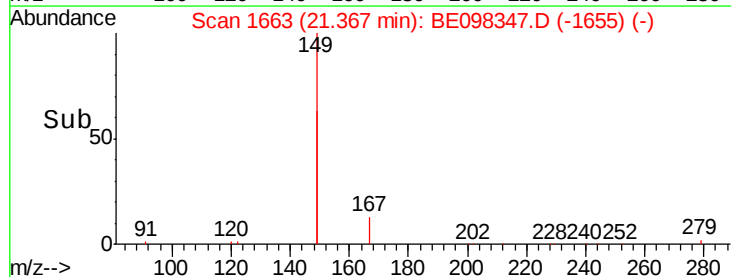
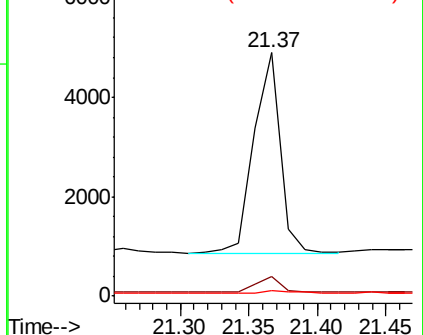
279 1.2 1.0 1.4

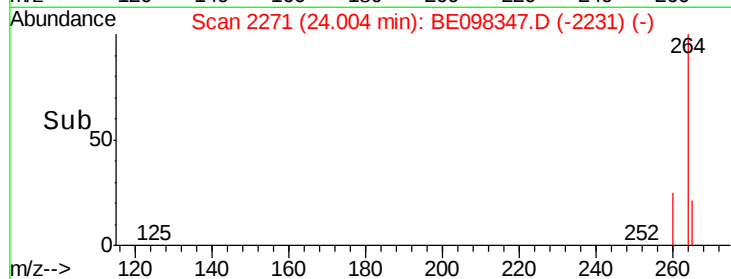
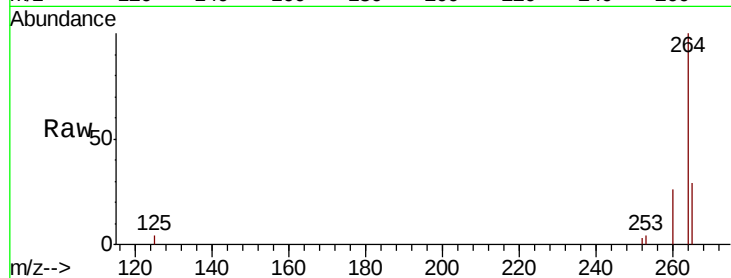
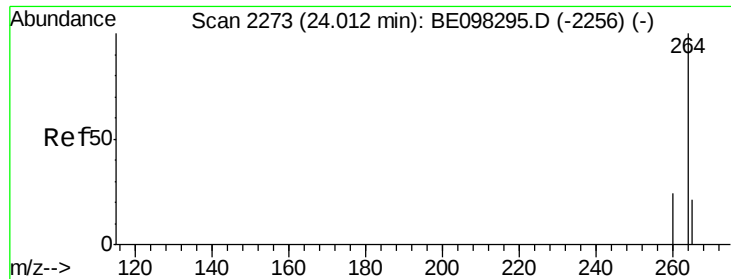


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098347.D
 Acq: 11 Dec 2018 23:53

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW314S-20181206

Tot Ion:264 Resp: 9470
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.2 30.2
 265 28.9 25.2 37.8

