

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122018\
 Data File : BE098534.D
 Acq On : 20 Dec 2018 12:01
 Operator : SJ/JU
 Sample : J6319-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 063_SW-E-1

Quant Time: Dec 20 13:33:00 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

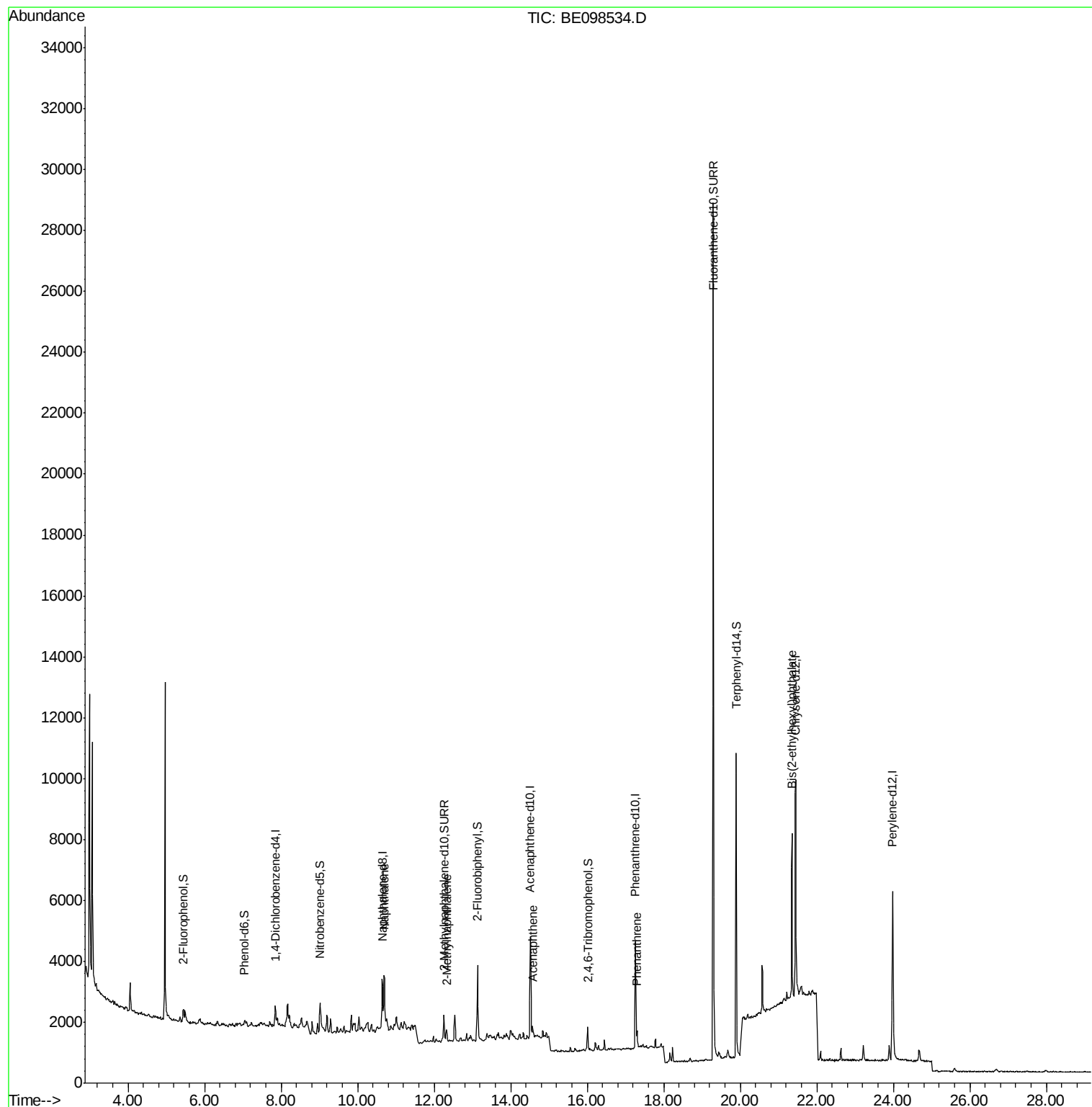
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	408	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	2012	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	1904	0.40	ng	-0.02
19) Phenanthrene-d10	17.26	188	5631	0.40	ng	-0.02
27) Chrysene-d12	21.45	240	9380	0.40	ng	-0.01
34) Perylene-d12	23.98	264	8667	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	312	0.33	ng	0.00
5) Phenol-d6	7.04	99	263	0.19	ng	0.00
8) Nitrobenzene-d5	9.02	82	598	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	1479	0.45	ng	-0.02
14) 2,4,6-Tribromophenol	16.01	330	461	0.66	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	2482	0.31	ng	-0.02
25) Fluoranthene-d10	19.29	212	38485	0.53	ng	-0.02
29) Terphenyl-d14	19.89	244	9278	0.41	ng	-0.02
Target Compounds						
9) Naphthalene	10.69	128	3609	0.178	ng	# 88
12) 2-Methylnaphthalene	12.32	142	330	0.100	ng	# 86
17) Acenaphthene	14.57	154	195	0.036	ng	99
23) Phenanthrene	17.30	178	553	0.040	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.35	149	7509	0.138	ng	# 100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122018\
Data File : BE098534.D
Acq On : 20 Dec 2018 12:01
Operator : SJ/JU
Sample : J6319-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
063_SW-E-1

Quant Time: Dec 20 13:33:00 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. -0.01 min

Lab File: BE098534.D

Acq: 20 Dec 2018 12:01

Instrument :

BNA_E

ClientSampleId :

063_SW-E-1

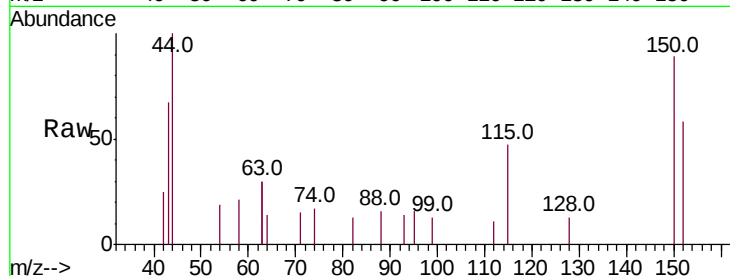
Tot Ion:152 Resp: 408

Ion Ratio Lower Upper

152 100

150 153.6 124.2 186.4

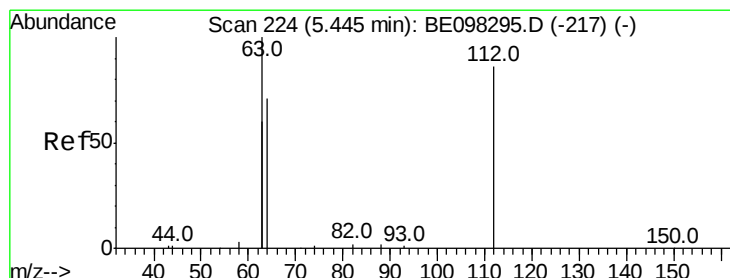
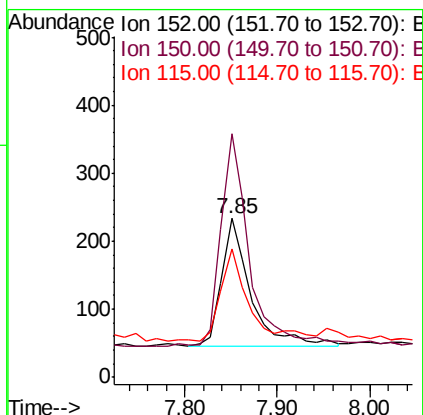
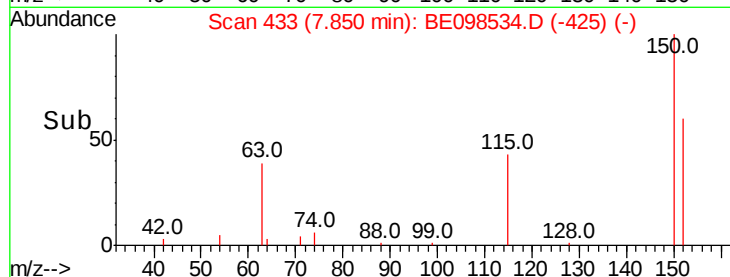
115 81.1 53.9 80.9#



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: 0.327 ng

RT: 5.44 min Scan# 224

Delta R.T. -0.00 min

Lab File: BE098534.D

Acq: 20 Dec 2018 12:01

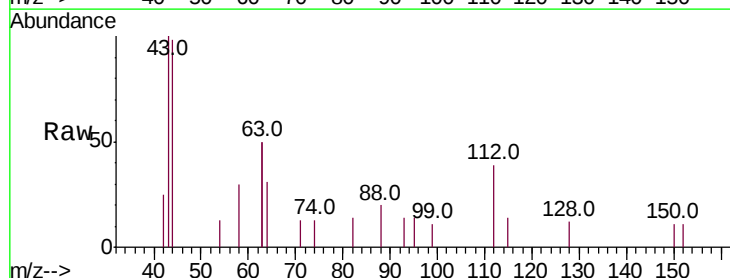
Tgt Ion:112 Resp: 312

Ion Ratio Lower Upper

112 100

64 77.6 59.8 89.8

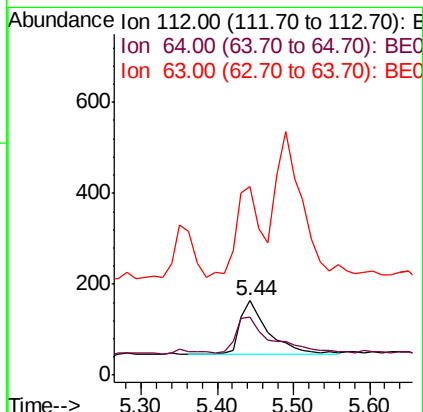
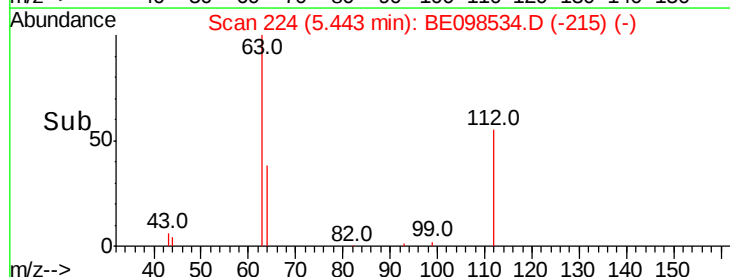
63 146.5 133.7 200.5

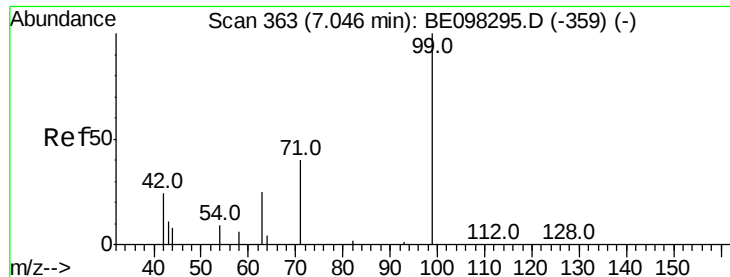


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.194 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098534.D

Acq: 20 Dec 2018 12:01

Instrument :

BNA_E

ClientSampleId :

063_SW-E-1

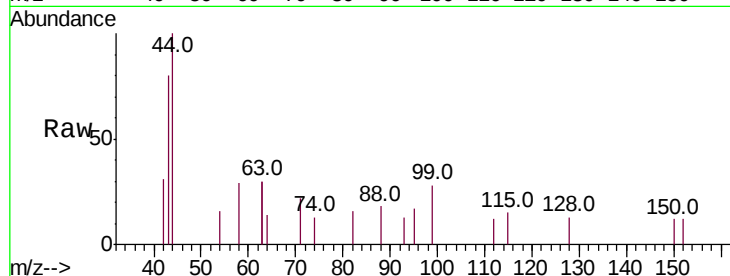
Tot Ion: 99 Resp: 263

Ion Ratio Lower Upper

99 100

42 36.1 26.3 39.5

71 41.4 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

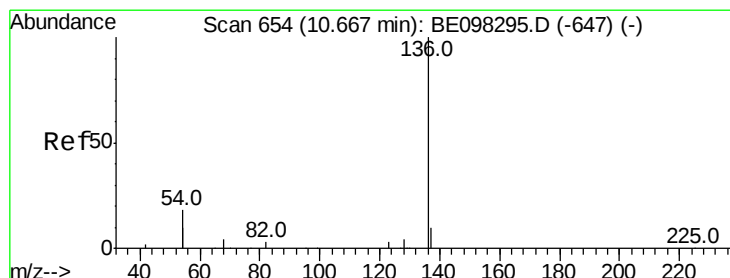
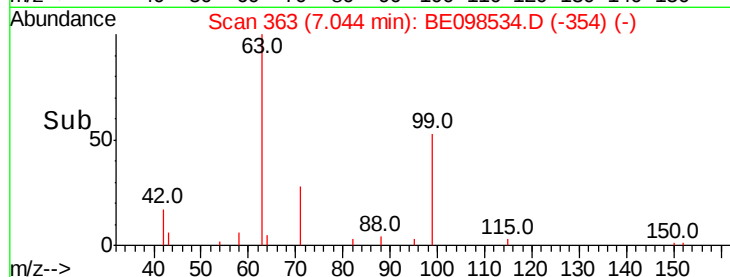
100

50

0

7.00 7.10 7.20

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098534.D

Acq: 20 Dec 2018 12:01

Tgt Ion: 136 Resp: 2012

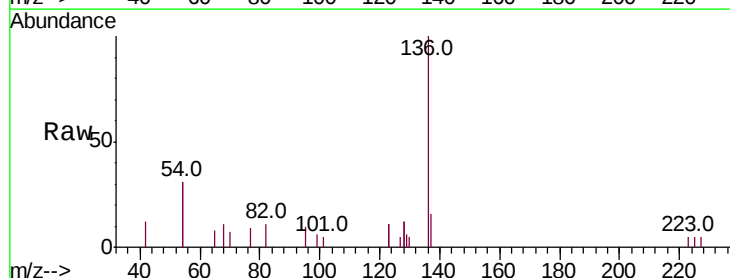
Ion Ratio Lower Upper

136 100

137 16.0 9.2 13.8#

54 61.4 28.4 42.6#

68 11.4 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

10.65

1500

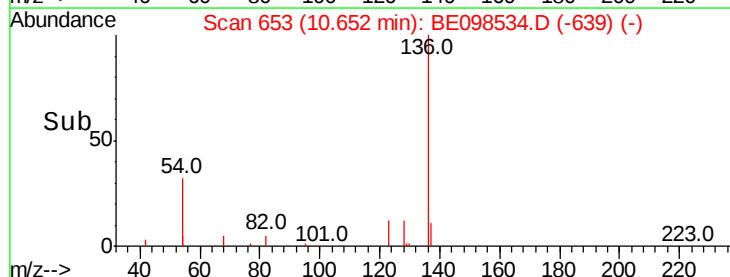
1000

500

0

10.50 10.60 10.70 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.327 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098534.D

Acq: 20 Dec 2018 12:01

Instrument :

BNA_E

ClientSampleId :

063_SW-E-1

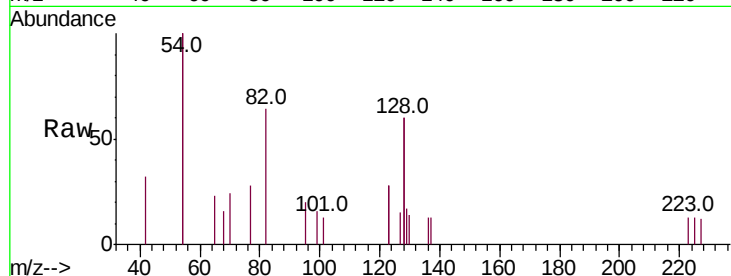
Tot Ion: 82 Resp: 598

Ion Ratio Lower Upper

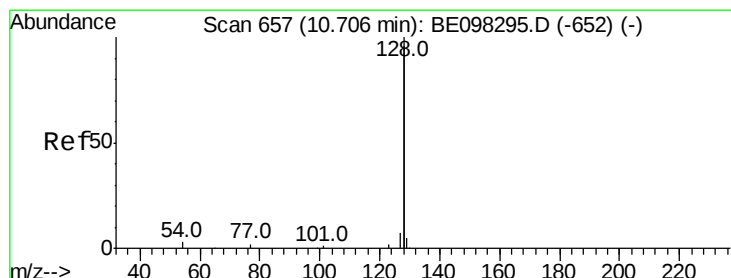
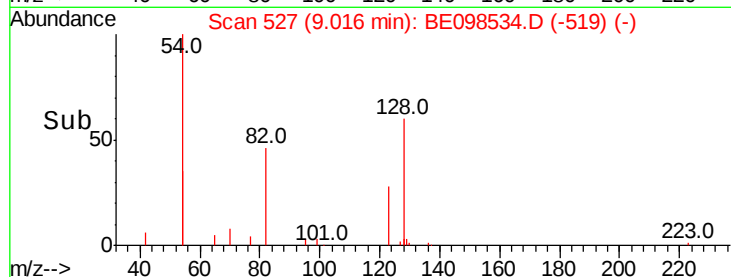
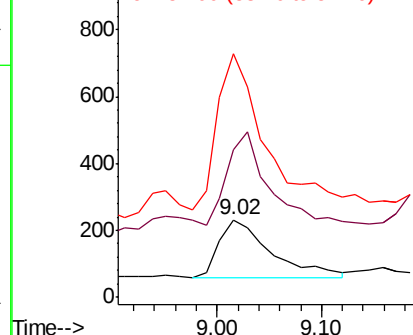
82 100

128 189.7 102.4 153.6#

54 313.8 221.8 332.8



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



#9

Naphthalene

Concen: 0.178 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: BE098534.D

Acq: 20 Dec 2018 12:01

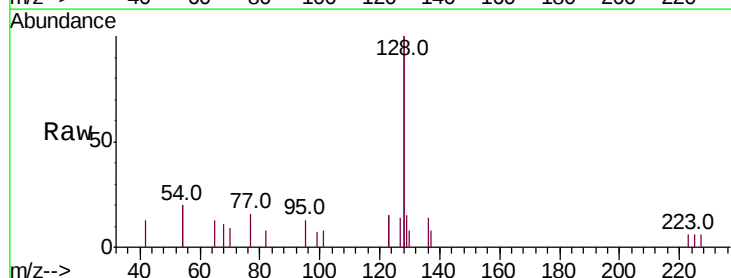
Tgt Ion:128 Resp: 3609

Ion Ratio Lower Upper

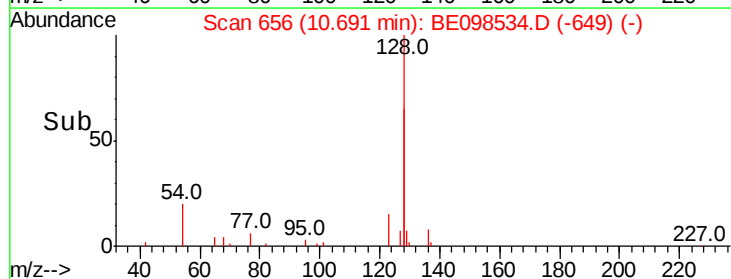
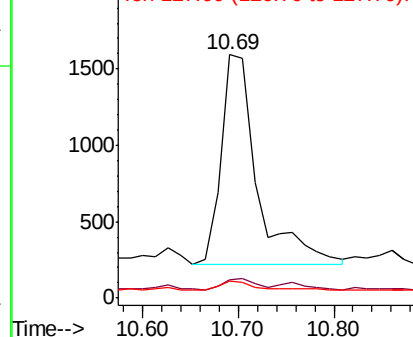
128 100

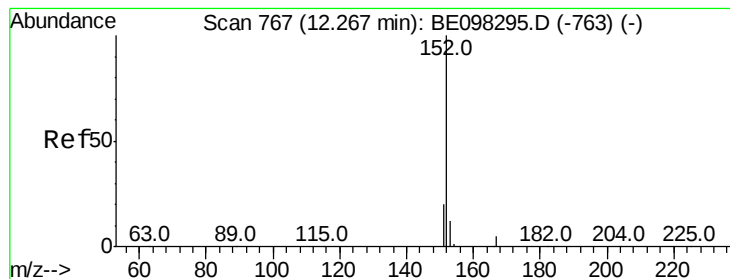
129 7.7 2.5 3.7#

127 6.8 2.7 4.1#



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: 0.452 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.02 min

Lab File: BE098534.D

Acq: 20 Dec 2018 12:01

Instrument :

BNA_E

ClientSampleId :

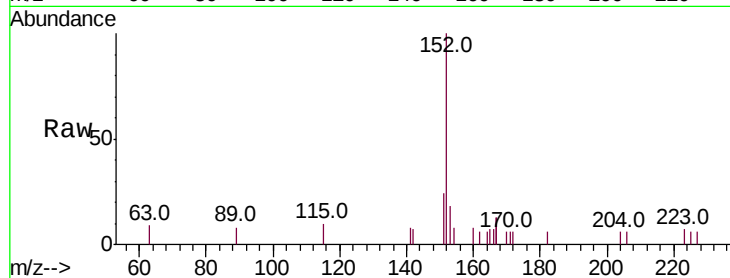
063_SW-E-1

Tot Ion:152 Resp: 1479

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.25

800

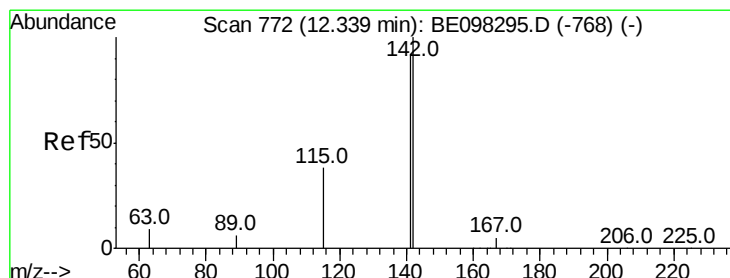
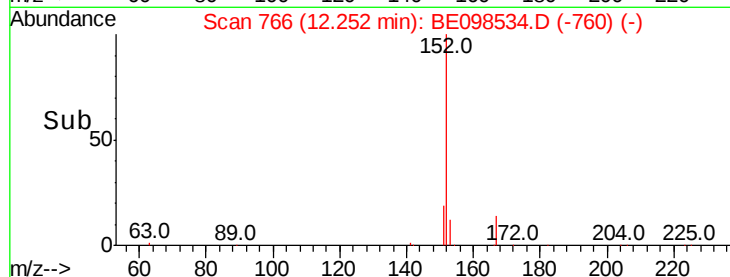
600

400

200

0

Time--> 12.10 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.100 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.02 min

Lab File: BE098534.D

Acq: 20 Dec 2018 12:01

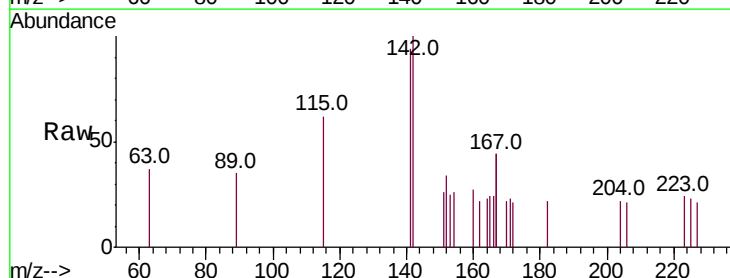
Tgt Ion:142 Resp: 330

Ion Ratio Lower Upper

142 100

141 93.8 71.0 106.6

115 61.5 32.2 48.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.32

250

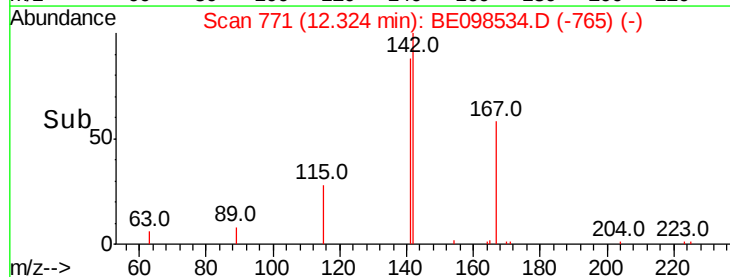
200

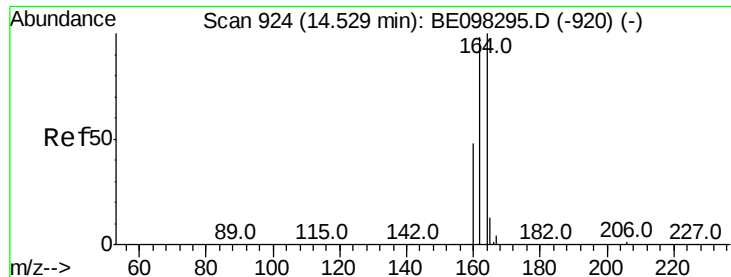
150

100

50

Time--> 12.20 12.30 12.40

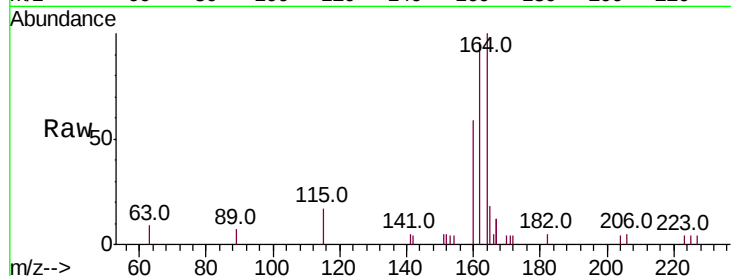




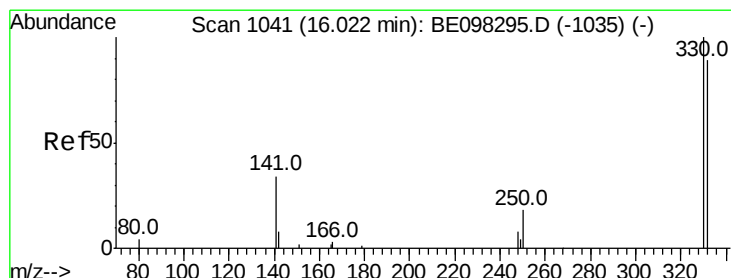
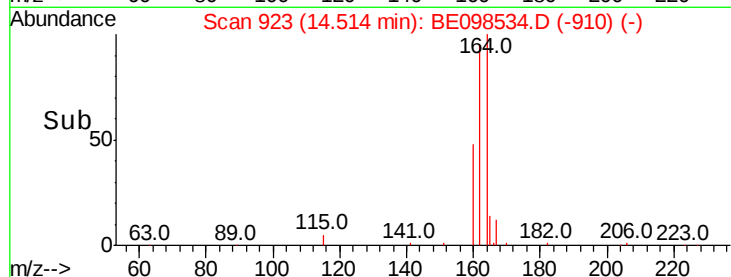
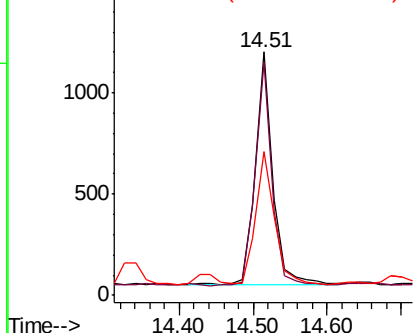
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.02 min
 Lab File: BE098534.D
 Acq: 20 Dec 2018 12:01

Instrument :
 BNA_E
 ClientSampleId :
 063_SW-E-1

Tot Ion:164 Resp: 1904
 Ion Ratio Lower Upper
 164 100
 162 95.8 77.6 116.4
 160 59.2 36.0 54.0#

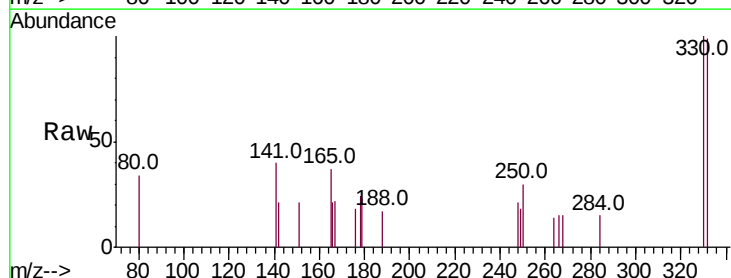


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

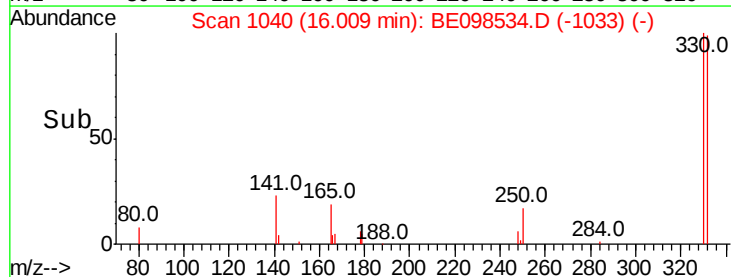
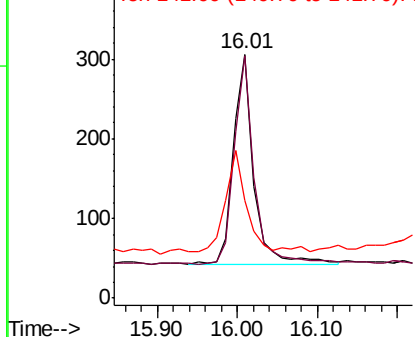


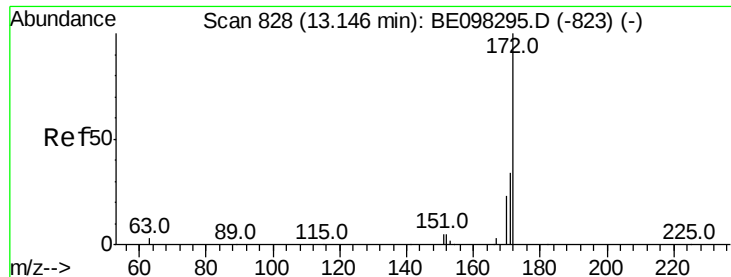
#14
 2,4,6-Tribromophenol
 Concen: 0.659 ng
 RT: 16.01 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BE098534.D
 Acq: 20 Dec 2018 12:01

Tgt Ion:330 Resp: 461
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.2 114.4
 141 46.6 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

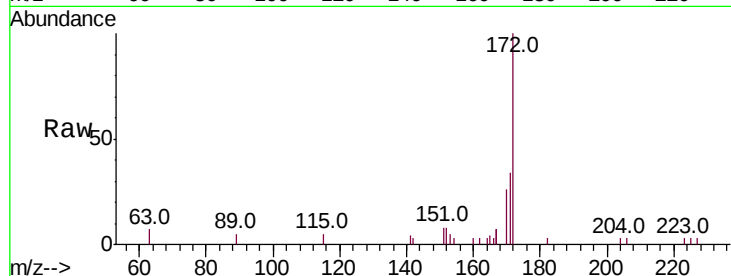




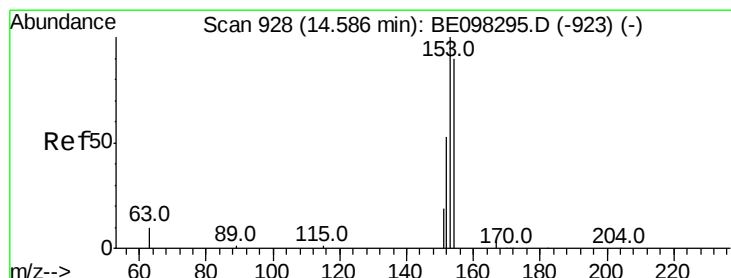
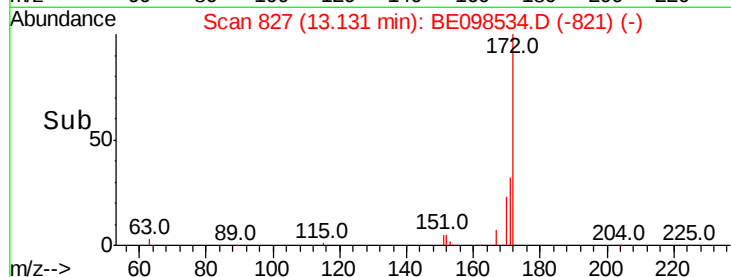
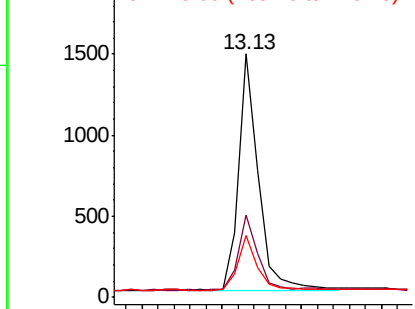
#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.02 min
Lab File: BE098534.D
Acq: 20 Dec 2018 12:01

Instrument :
BNA_E
ClientSampleId :
063_SW-E-1

Tot Ion:172 Resp: 2482
Ion Ratio Lower Upper
172 100
171 33.8 27.5 41.3
170 25.5 19.6 29.4

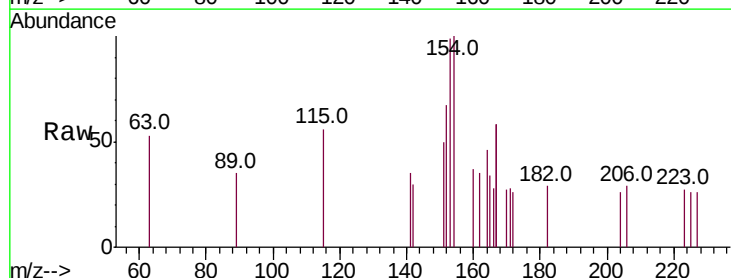


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

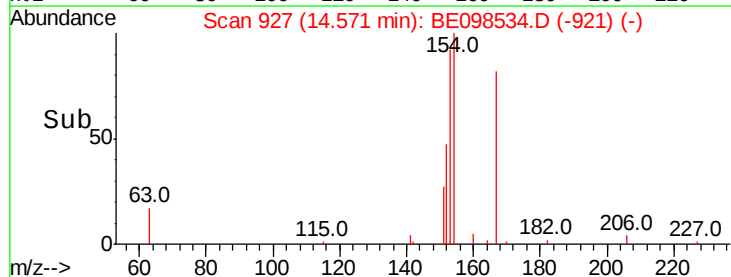
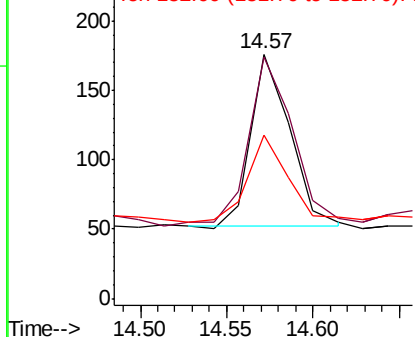


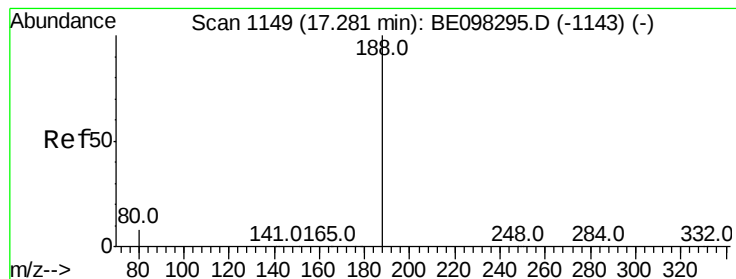
#17
Acenaphthene
Concen: 0.036 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.02 min
Lab File: BE098534.D
Acq: 20 Dec 2018 12:01

Tgt Ion:154 Resp: 195
Ion Ratio Lower Upper
154 100
153 114.9 91.8 137.6
152 53.8 45.5 68.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.26 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BE098534.D

Acq: 20 Dec 2018 12:01

Instrument :

BNA_E

ClientSampleId :

063_SW-E-1

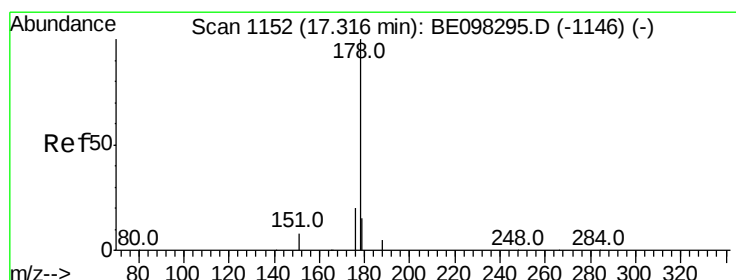
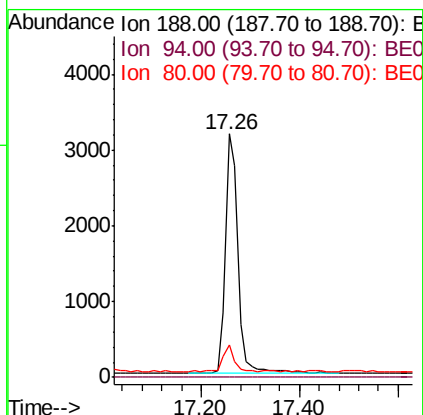
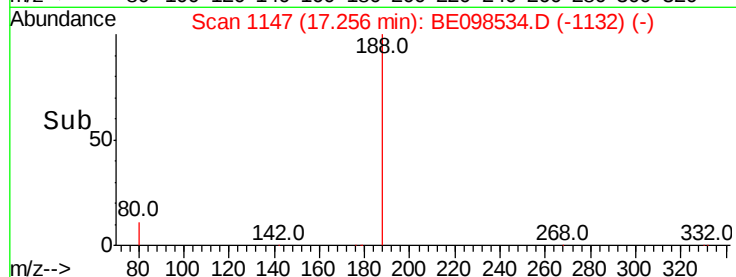
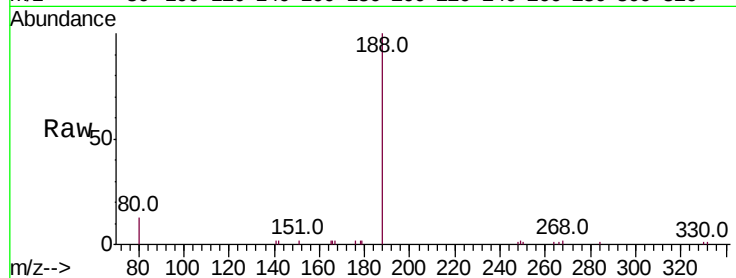
Tot Ion:188 Resp: 5631

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.3 7.2 10.8#



#23

Phenanthrene

Concen: 0.040 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BE098534.D

Acq: 20 Dec 2018 12:01

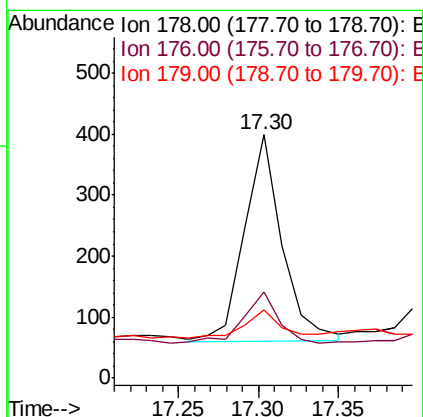
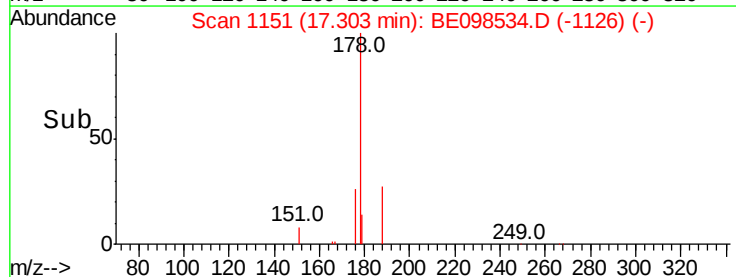
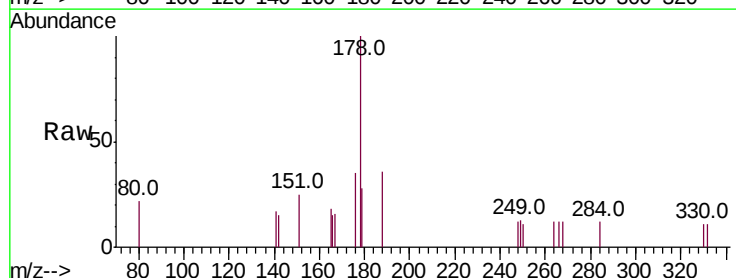
Tgt Ion:178 Resp: 553

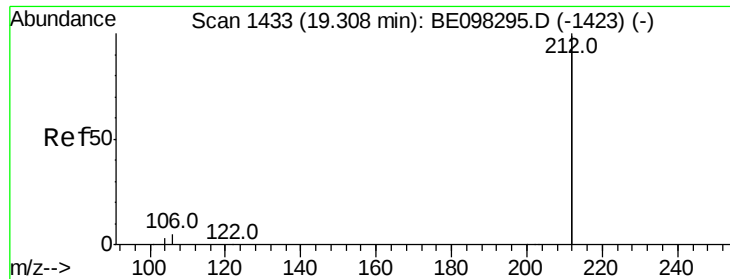
Ion Ratio Lower Upper

178 100

176 24.1 15.9 23.9#

179 13.2 12.3 18.5

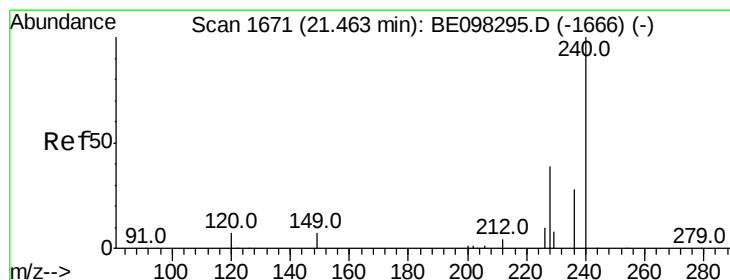
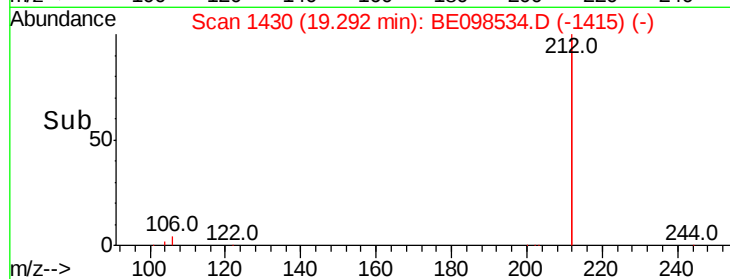
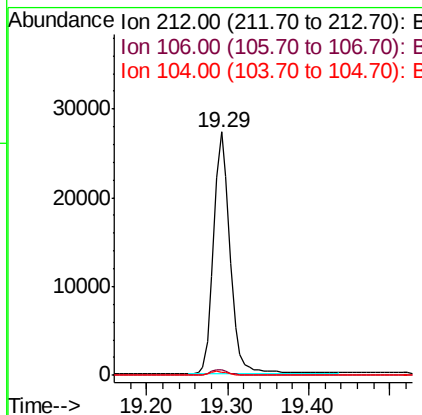
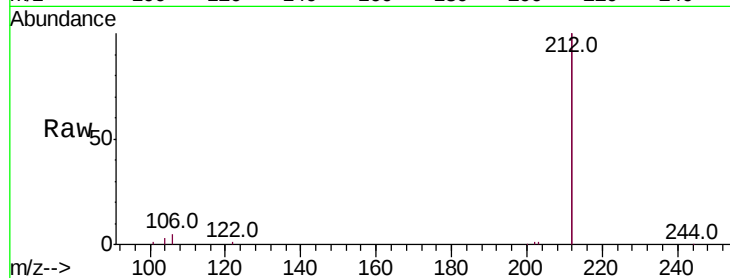




#25
 Fluoranthene-d10
 Concen: 0.533 ng
 RT: 19.29 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BE098534.D
 Acq: 20 Dec 2018 12:01

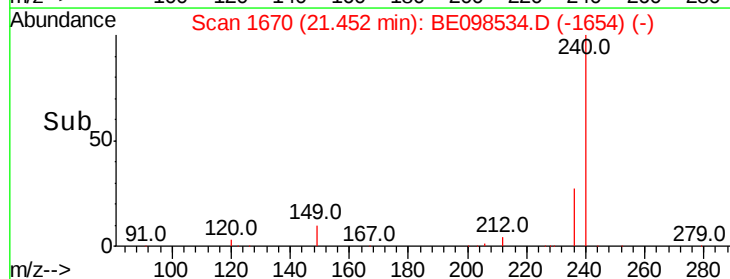
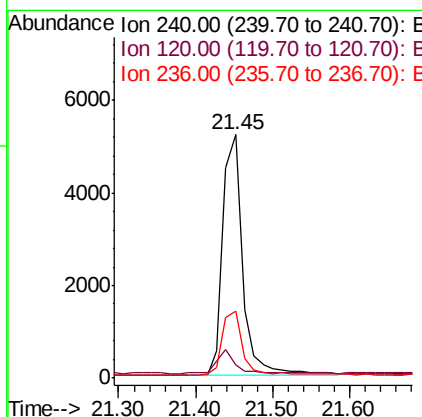
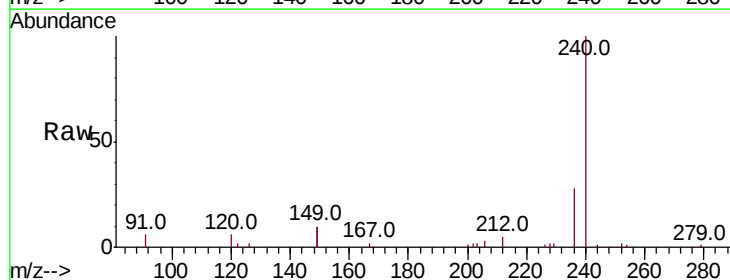
Instrument :
 BNA_E
 ClientSampleId :
 063_SW-E-1

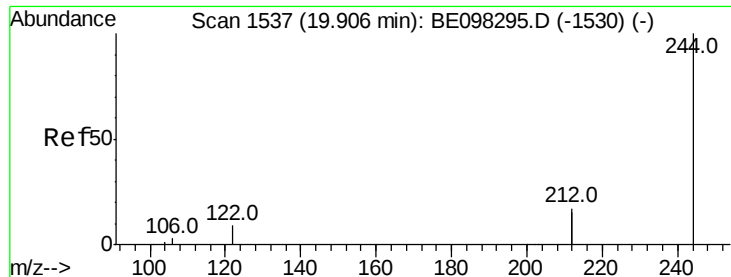
Tot Ion:212 Resp: 38485
 Ion Ratio Lower Upper
 212 100
 106 2.3 2.2 3.2
 104 1.4 1.3 1.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.45 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BE098534.D
 Acq: 20 Dec 2018 12:01

Tgt Ion:240 Resp: 9380
 Ion Ratio Lower Upper
 240 100
 120 5.5 9.5 14.3#
 236 27.6 22.7 34.1





#29

Terphenyl-d14

Concen: 0.407 ng

RT: 19.89 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BE098534.D

Acq: 20 Dec 2018 12:01

Instrument :

BNA_E

ClientSampleId :

063_SW-E-1

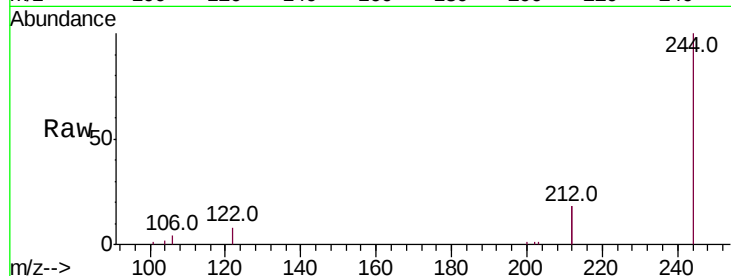
Tot Ion:244 Resp: 9278

Ion Ratio Lower Upper

244 100

212 35.2 27.4 41.0

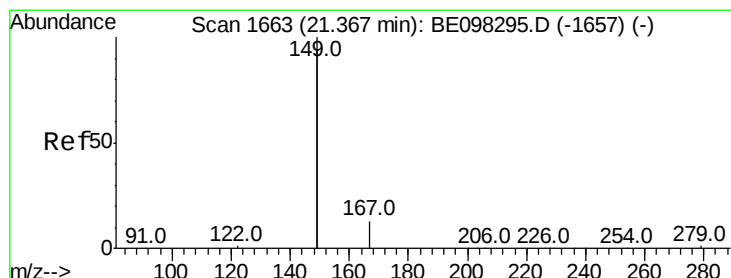
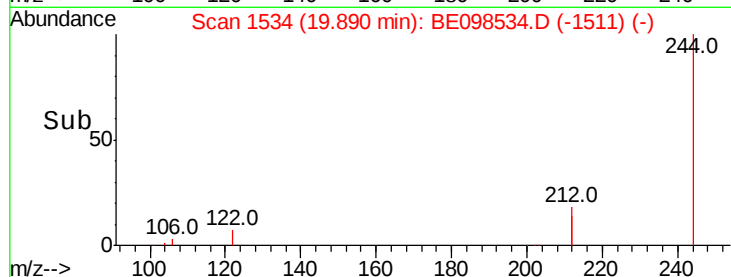
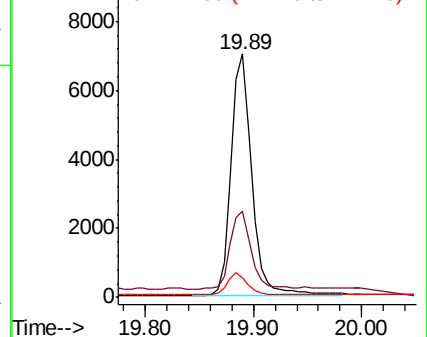
122 8.0 8.3 12.5#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.138 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098534.D

Acq: 20 Dec 2018 12:01

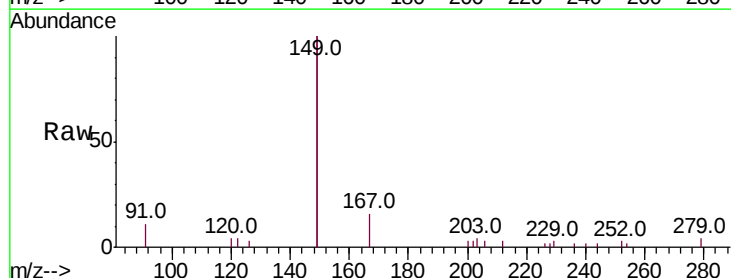
Tgt Ion:149 Resp: 7509

Ion Ratio Lower Upper

149 100

167 7.0 5.7 8.5

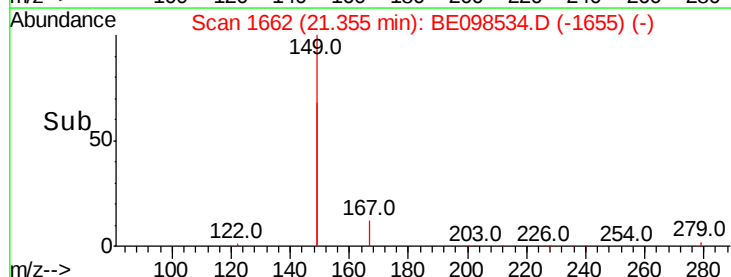
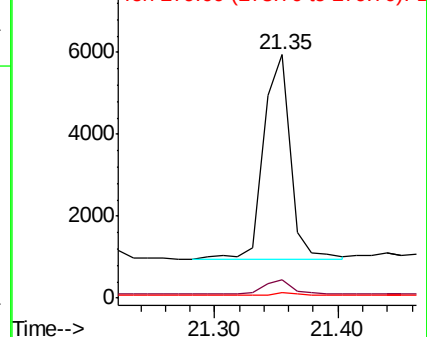
279 1.5 1.0 1.4#

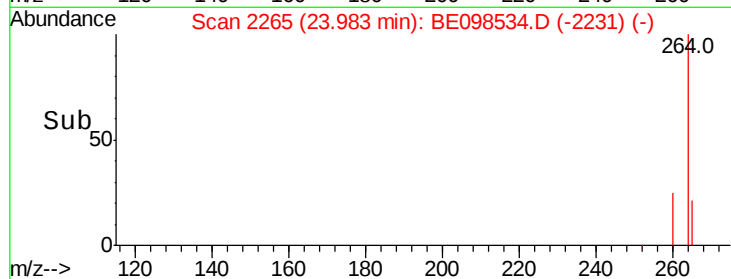
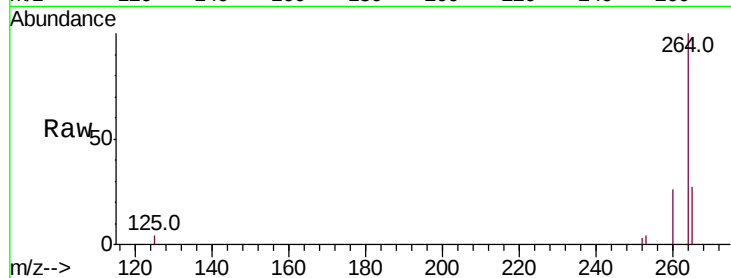
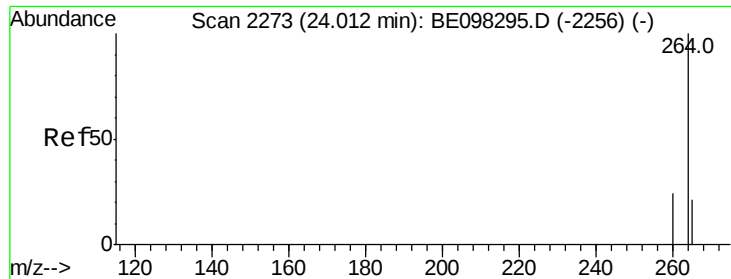


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.98 min Scan# 2265

Delta R.T. -0.03 min

Lab File: BE098534.D

Acq: 20 Dec 2018 12:01

Instrument :

BNA_E

ClientSampleId :

063_SW-E-1

Tot Ion:264 Resp: 8667

Ion Ratio Lower Upper

264 100

260 26.3 20.2 30.2

265 27.0 25.2 37.8

