

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122018\
 Data File : BE098535.D
 Acq On : 20 Dec 2018 12:37
 Operator : SJ/JU
 Sample : J6319-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 064_SW-E-2

Quant Time: Dec 20 13:34:06 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	556	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	2567	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	1884	0.40	ng	-0.01
19) Phenanthrene-d10	17.26	188	6268	0.40	ng	-0.02
27) Chrysene-d12	21.45	240	8958	0.40	ng	-0.01
34) Perylene-d12	23.98	264	7487	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.44	112	319	0.25	ng	0.00
5) Phenol-d6	7.03	99	208	0.11	ng	-0.01
8) Nitrobenzene-d5	9.02	82	896	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	1835	0.44	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	408	0.59	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	2823	0.36	ng	-0.01
25) Fluoranthene-d10	19.30	212	38323	0.48	ng	-0.01
29) Terphenyl-d14	19.89	244	9270	0.43	ng	-0.02

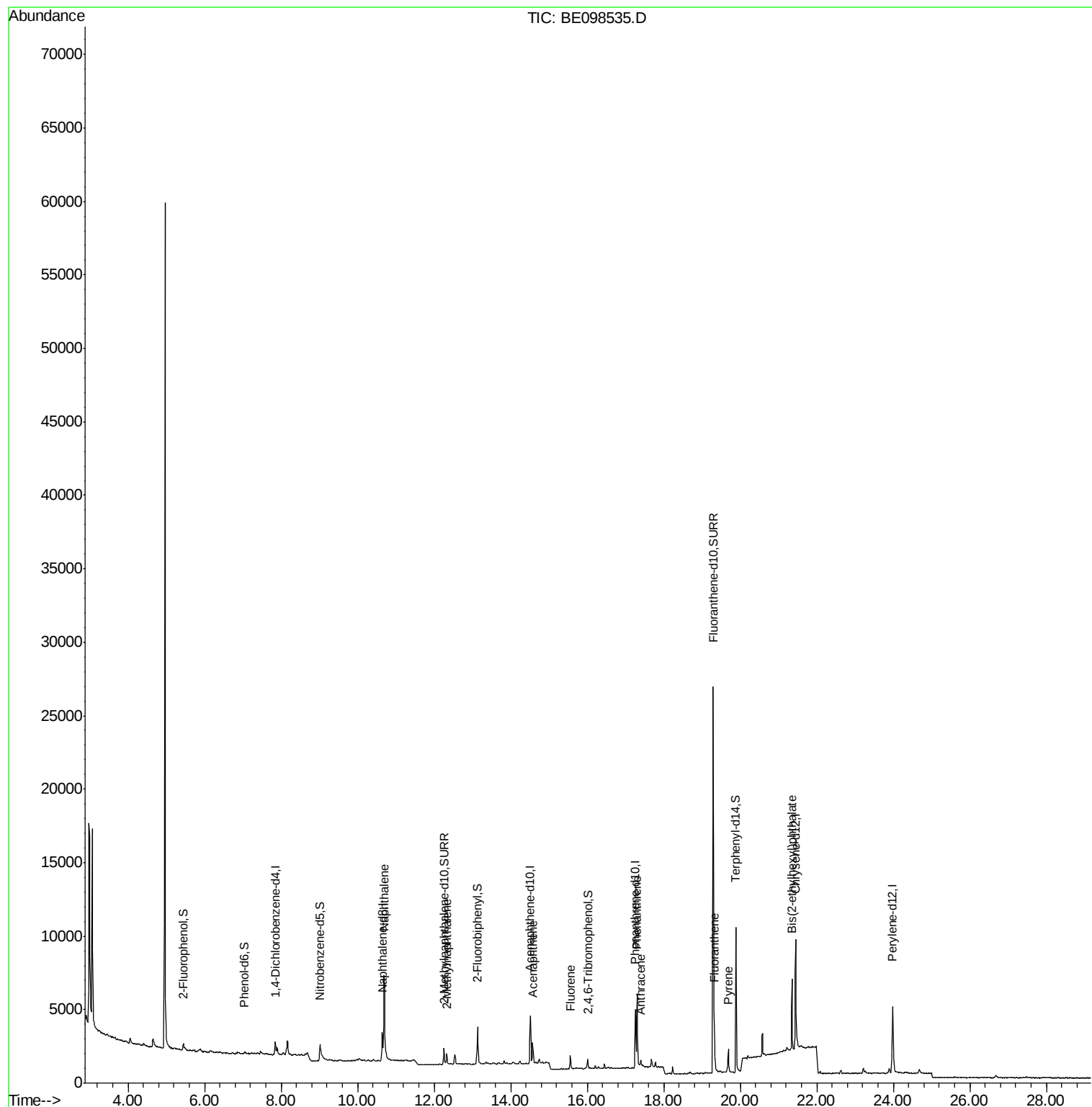
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.69	128	11758	0.455	ng	# 98
12) 2-Methylnaphthalene	12.32	142	540	0.129	ng	# 87
17) Acenaphthene	14.57	154	781	0.147	ng	98
18) Fluorene	15.56	166	764	0.108	ng	99
23) Phenanthrene	17.30	178	5635	0.370	ng	100
24) Anthracene	17.40	178	695	0.051	ng	94
26) Fluoranthene	19.32	202	1852	0.092	ng	98
28) Pyrene	19.69	202	1565	0.056	ng	96
32) Bis(2-ethylhexyl)phthalate	21.35	149	5785	0.112	ng	# 99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122018\
Data File : BE098535.D
Acq On : 20 Dec 2018 12:37
Operator : SJ/JU
Sample : J6319-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
064_SW-E-2

Quant Time: Dec 20 13:34:06 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: BE098535.D

Acq: 20 Dec 2018 12:37

Instrument :

BNA_E

ClientSampleId :

064_SW-E-2

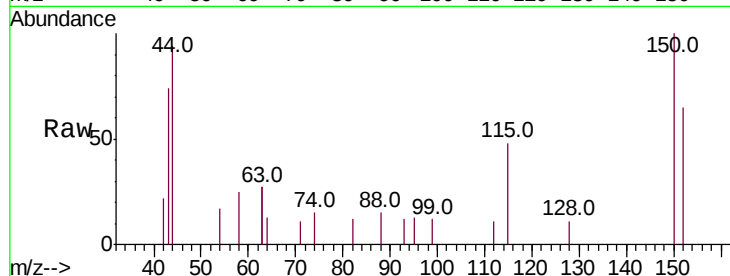
Tot Ion:152 Resp: 556

Ion Ratio Lower Upper

152 100

150 154.8 124.2 186.4

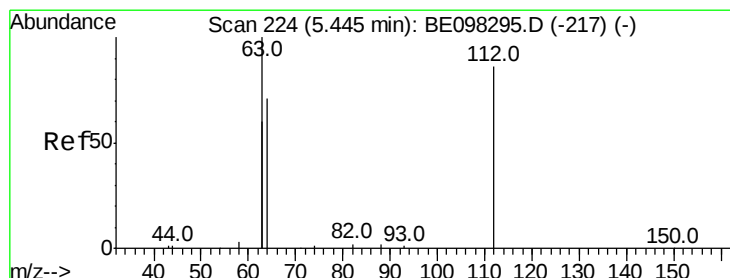
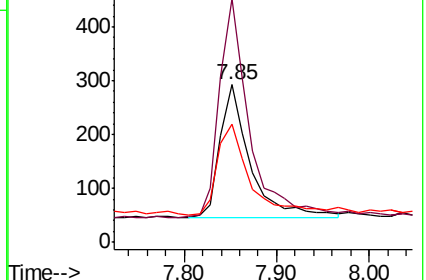
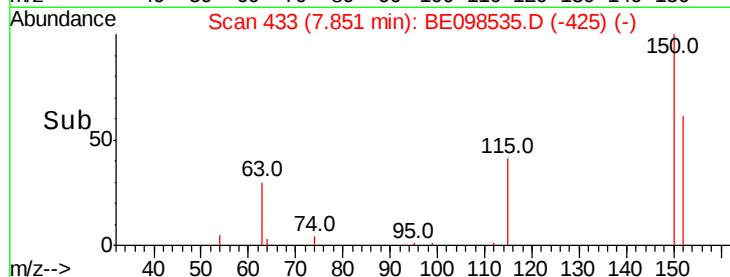
115 74.7 53.9 80.9



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: 0.245 ng

RT: 5.44 min Scan# 224

Delta R.T. -0.00 min

Lab File: BE098535.D

Acq: 20 Dec 2018 12:37

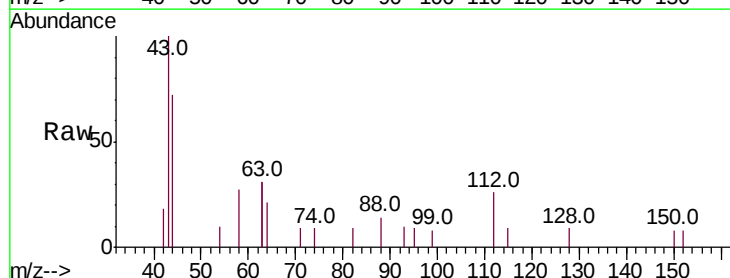
Tgt Ion:112 Resp: 319

Ion Ratio Lower Upper

112 100

64 89.0 59.8 89.8

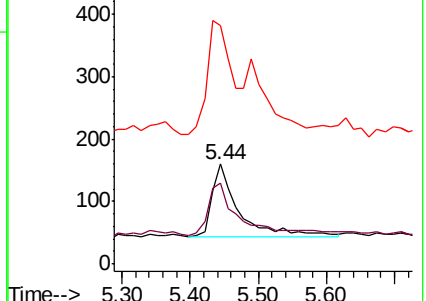
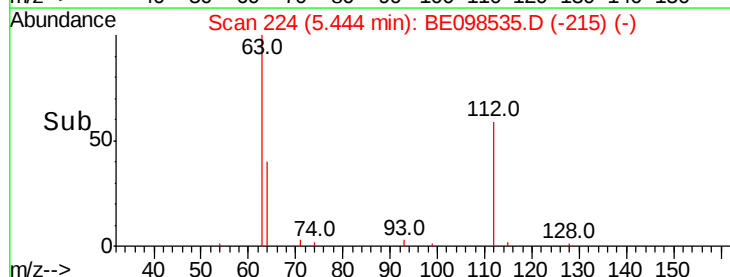
63 149.8 133.7 200.5

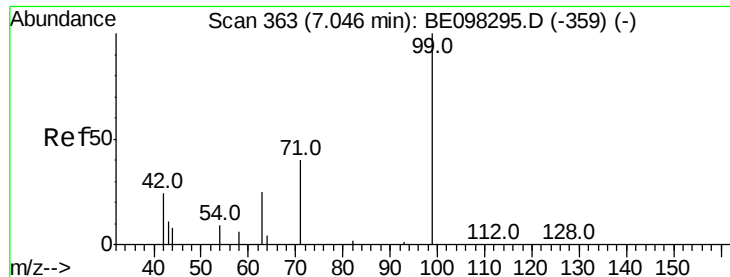


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.113 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098535.D

Acq: 20 Dec 2018 12:37

Instrument :

BNA_E

ClientSampleId :

064_SW-E-2

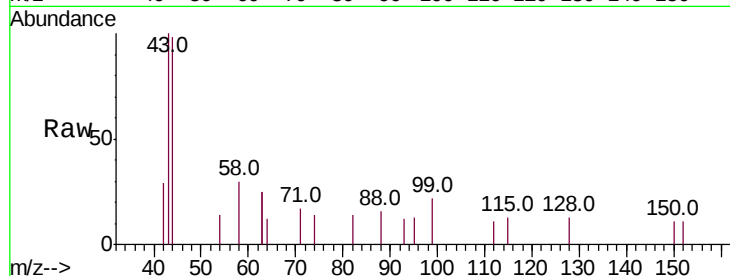
Tot Ion: 99 Resp: 208

Ion Ratio Lower Upper

99 100

42 45.2 26.3 39.5#

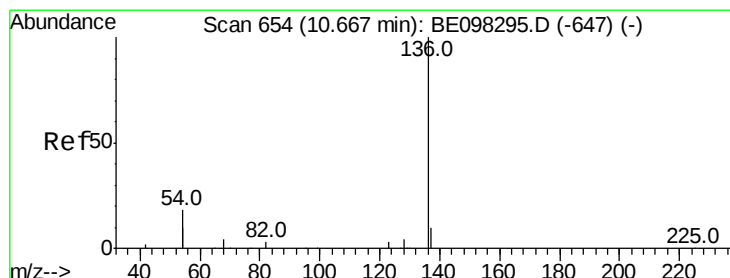
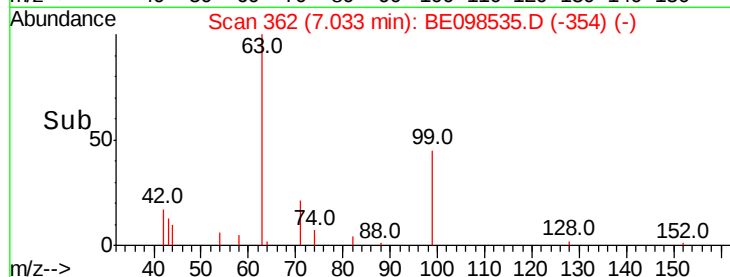
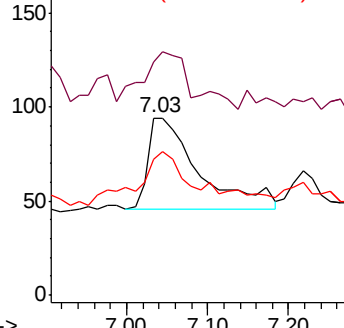
71 69.2 33.6 50.4#



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

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098535.D

Acq: 20 Dec 2018 12:37

Tgt Ion: 136 Resp: 2567

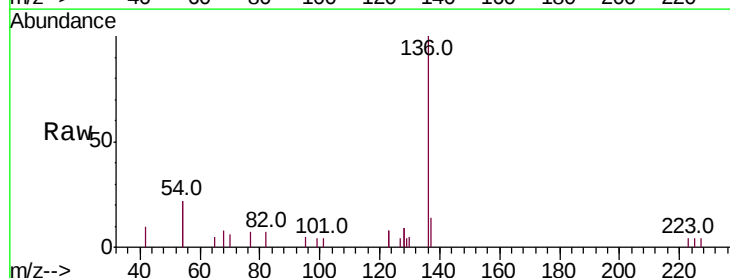
Ion Ratio Lower Upper

136 100

137 13.6 9.2 13.8

54 44.7 28.4 42.6#

68 8.4 5.4 8.0#

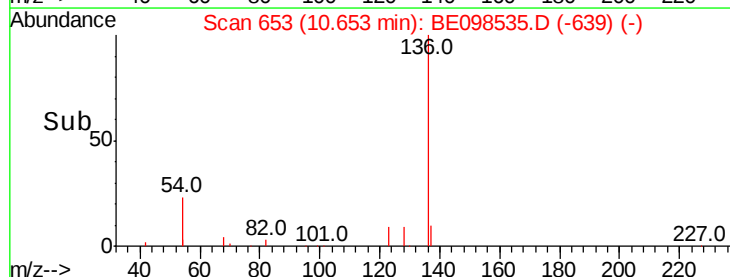
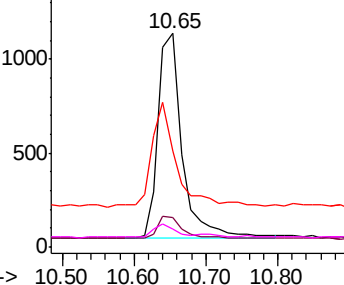


Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.383 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098535.D

Acq: 20 Dec 2018 12:37

Instrument :

BNA_E

ClientSampleId :

064_SW-E-2

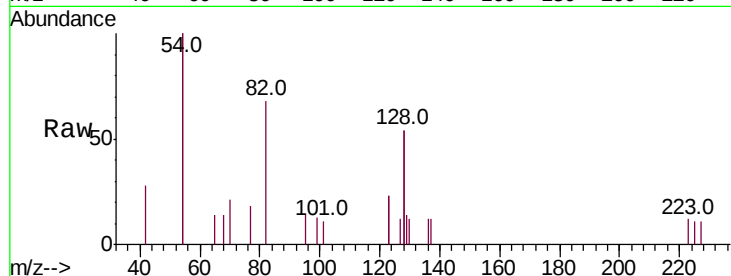
Tot Ion: 82 Resp: 896

Ion Ratio Lower Upper

82 100

128 161.2 102.4 153.6#

54 296.0 221.8 332.8

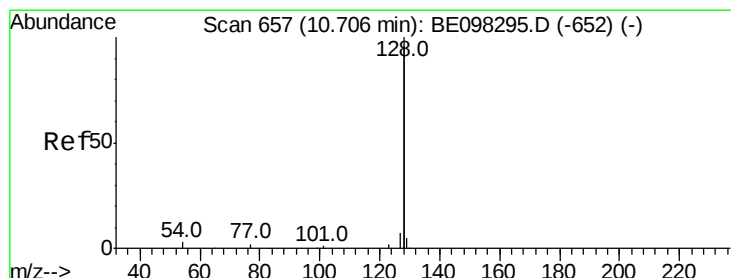
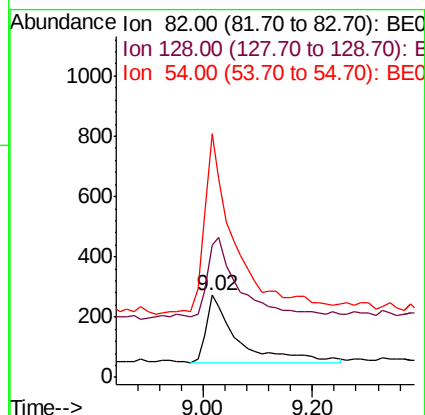
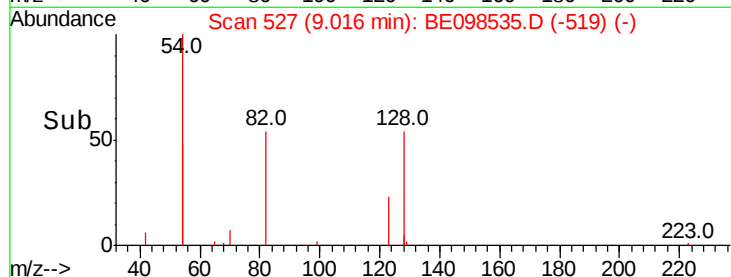


Abundance Ion 82.00 (81.70 to 82.70): BE098295.D (-524) (-)

Ion 128.00 (127.70 to 128.70): BE098295.D (-524) (-)

Ion 54.00 (53.70 to 54.70): BE098295.D (-524) (-)

Time-->



#9

Naphthalene

Concen: 0.455 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: BE098535.D

Acq: 20 Dec 2018 12:37

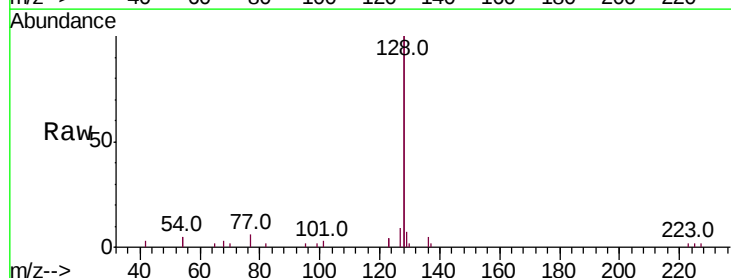
Tgt Ion: 128 Resp: 11758

Ion Ratio Lower Upper

128 100

129 3.5 2.5 3.7

127 4.3 2.7 4.1#

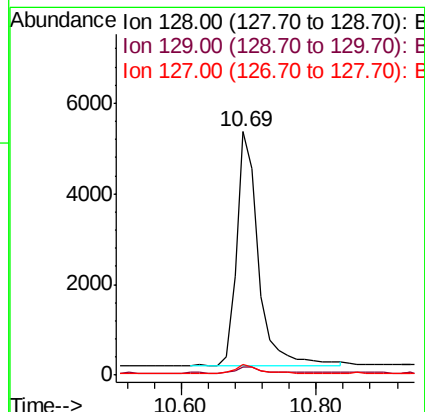
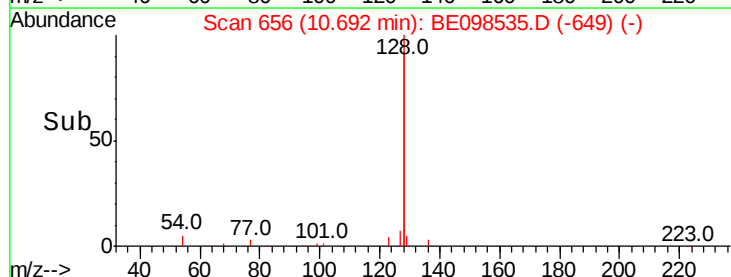


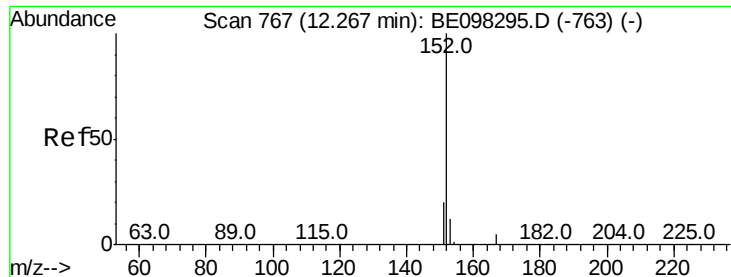
Abundance Ion 128.00 (127.70 to 128.70): BE098295.D (-652) (-)

Ion 129.00 (128.70 to 129.70): BE098295.D (-652) (-)

Ion 127.00 (126.70 to 127.70): BE098295.D (-652) (-)

Time-->

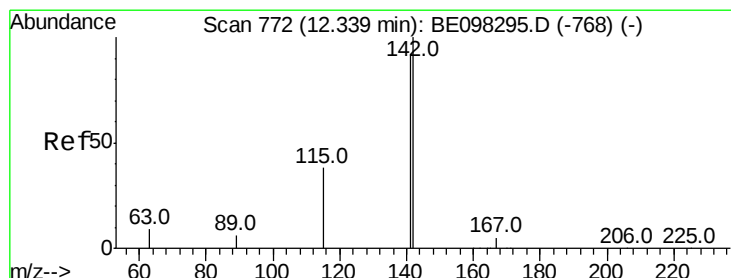
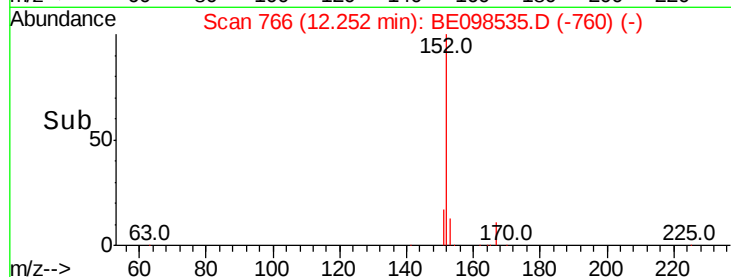
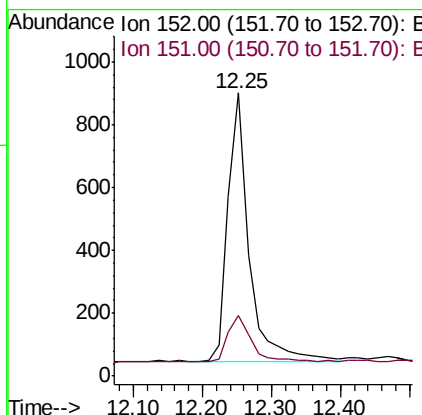
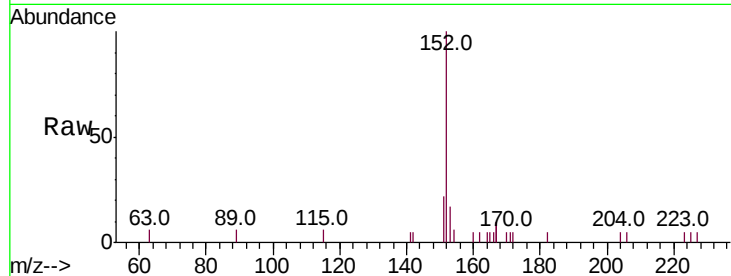




#11
 2-Methylnaphthalene-d10
 Concen: 0.440 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098535.D
 Acq: 20 Dec 2018 12:37

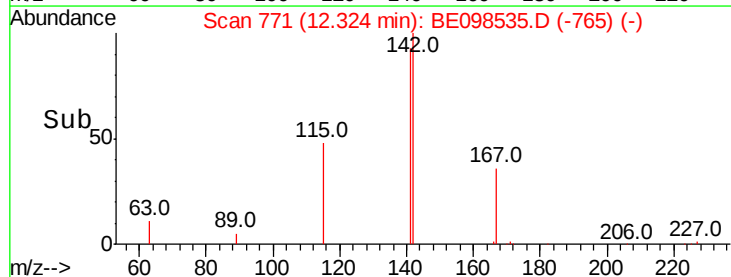
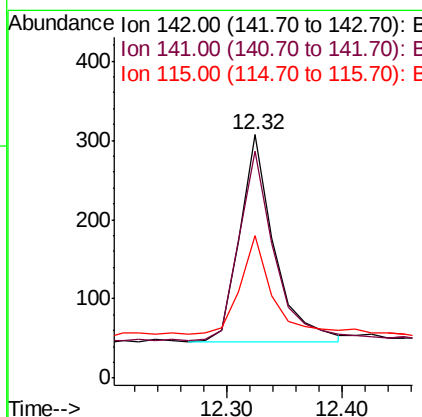
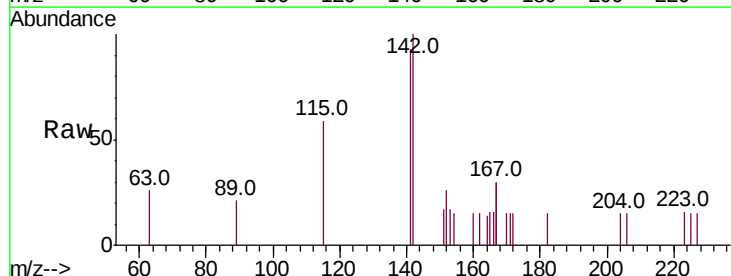
Instrument :
 BNA_E
 ClientSampleId :
 064_SW-E-2

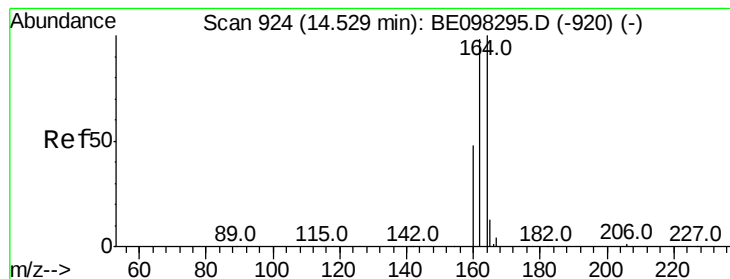
Tot Ion:152 Resp: 1835
 Ion Ratio Lower Upper
 152 100
 151 19.6 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.129 ng
 RT: 12.32 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BE098535.D
 Acq: 20 Dec 2018 12:37

Tgt Ion:142 Resp: 540
 Ion Ratio Lower Upper
 142 100
 141 93.5 71.0 106.6
 115 58.6 32.2 48.2#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098535.D

Acq: 20 Dec 2018 12:37

Instrument :

BNA_E

ClientSampleId :

064_SW-E-2

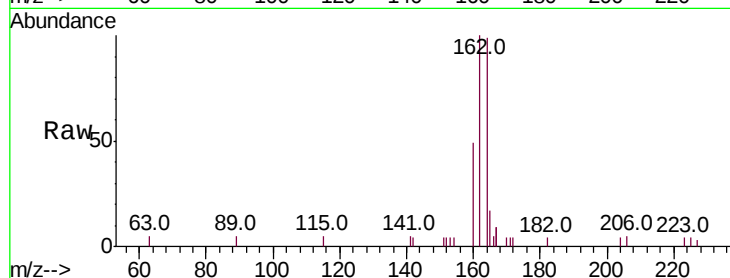
Tot Ion:164 Resp: 1884

Ion Ratio Lower Upper

164 100

162 100.6 77.6 116.4

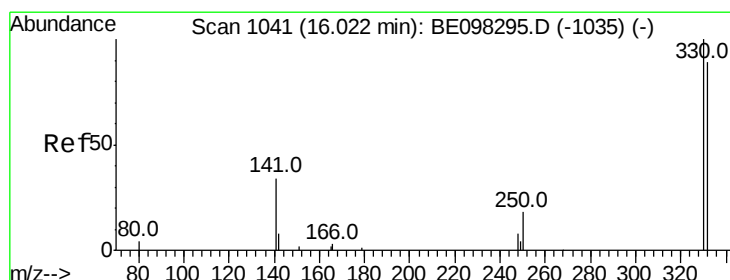
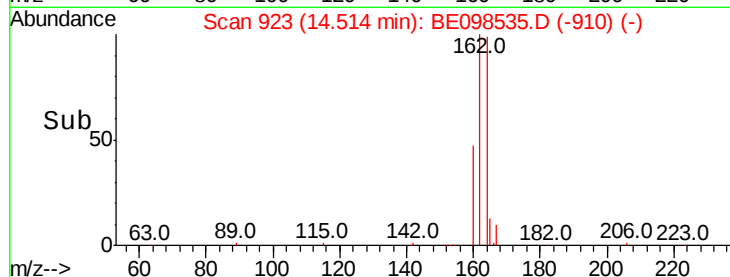
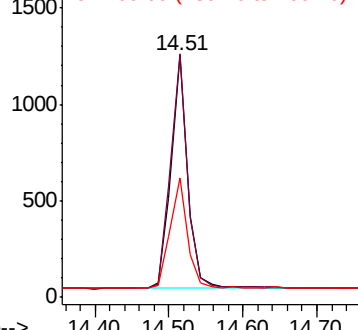
160 49.2 36.0 54.0



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: 0.590 ng

RT: 16.01 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BE098535.D

Acq: 20 Dec 2018 12:37

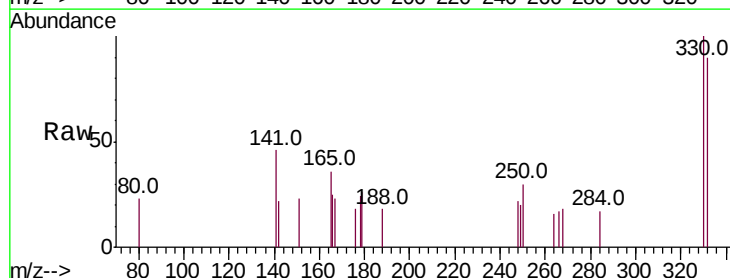
Tgt Ion:330 Resp: 408

Ion Ratio Lower Upper

330 100

332 89.5 76.2 114.4

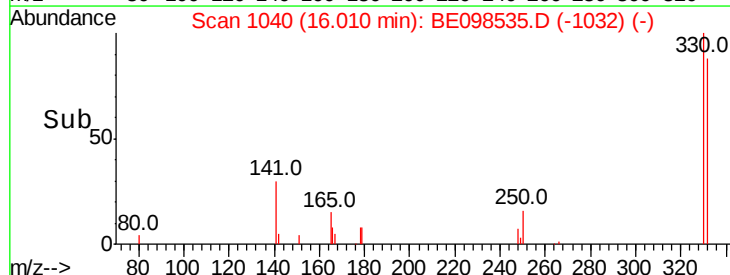
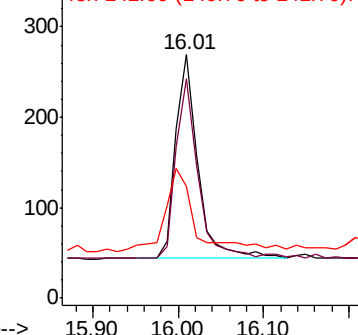
141 54.4 39.0 58.4

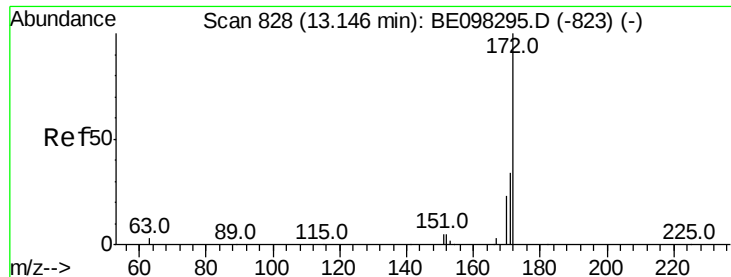


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

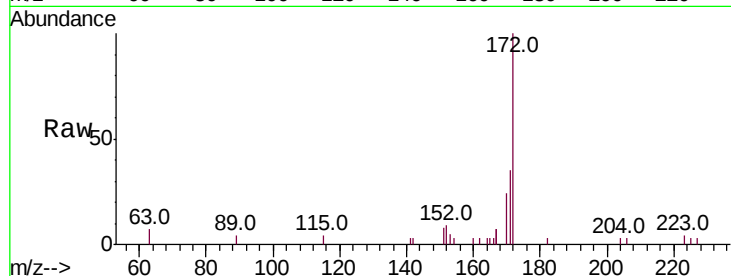




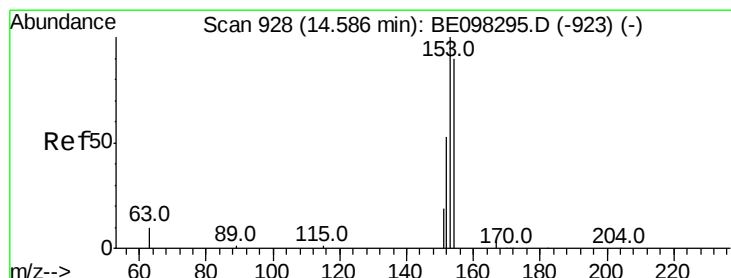
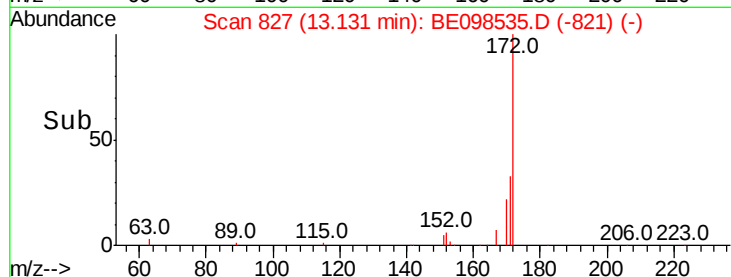
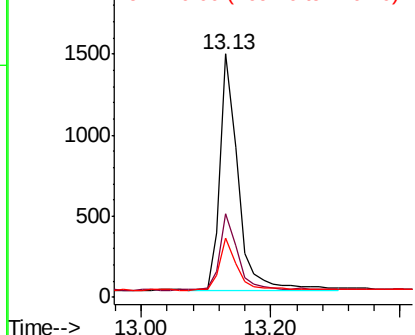
#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Instrument :
BNA_E
ClientSampleId :
064_SW-E-2

Tot Ion:172 Resp: 2823
Ion Ratio Lower Upper
172 100
171 34.6 27.5 41.3
170 24.3 19.6 29.4

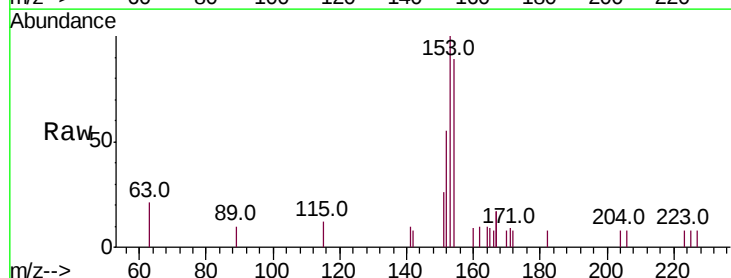


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

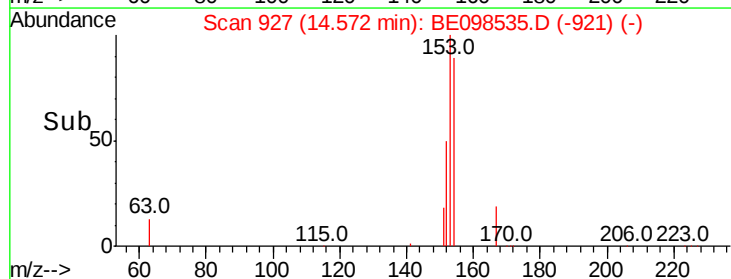
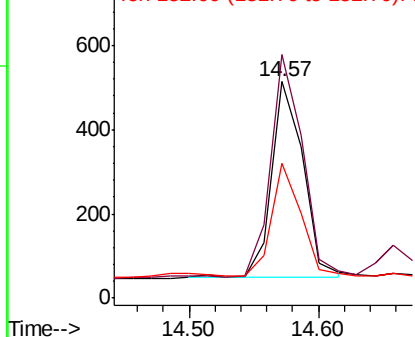


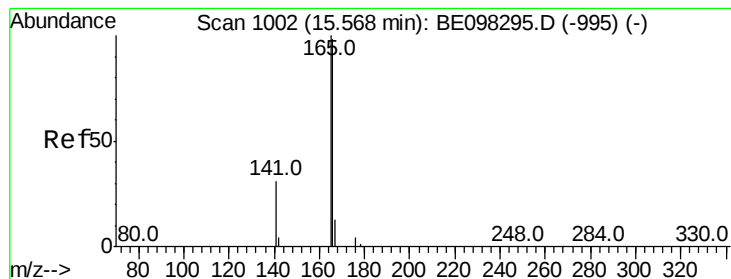
#17
Acenaphthene
Concen: 0.147 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.01 min
Lab File: BE098535.D
Acq: 20 Dec 2018 12:37

Tgt Ion:154 Resp: 781
Ion Ratio Lower Upper
154 100
153 115.4 91.8 137.6
152 53.4 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





#18

Fluorene

Concen: 0.108 ng

RT: 15.56 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BE098535.D

Acq: 20 Dec 2018 12:37

Instrument :

BNA_E

ClientSampleId :

064_SW-E-2

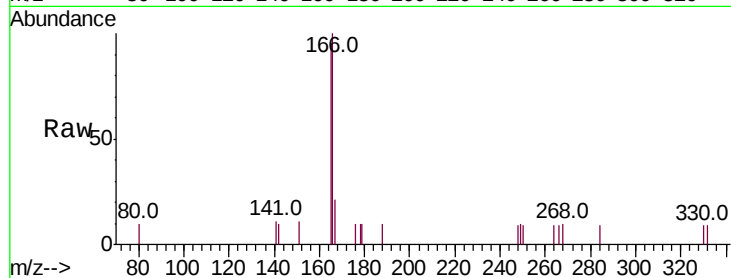
Tot Ion:166 Resp: 764

Ion Ratio Lower Upper

166 100

165 97.9 79.3 118.9

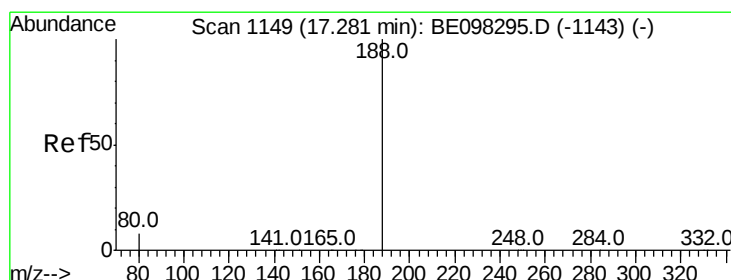
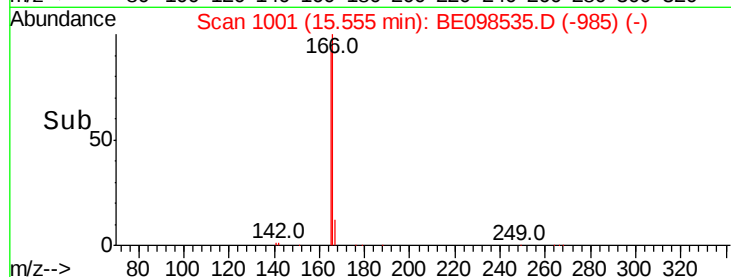
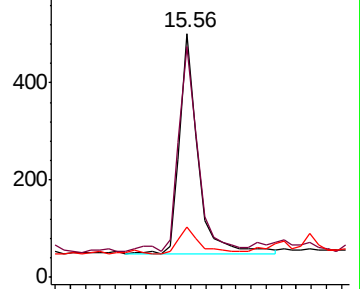
167 14.8 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.26 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BE098535.D

Acq: 20 Dec 2018 12:37

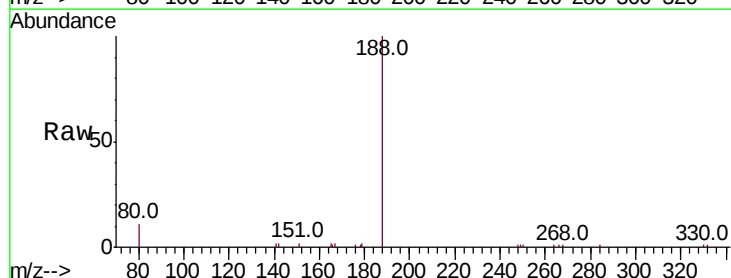
Tgt Ion:188 Resp: 6268

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

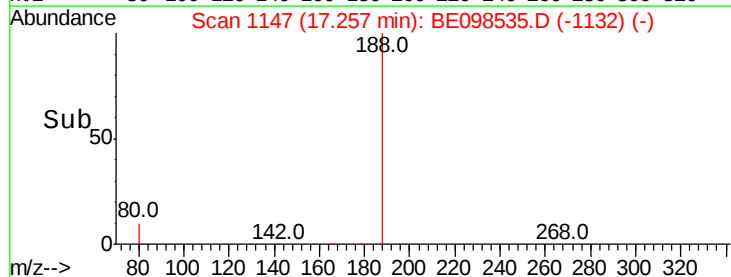
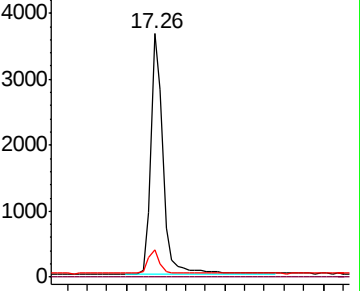
80 11.1 7.2 10.8#

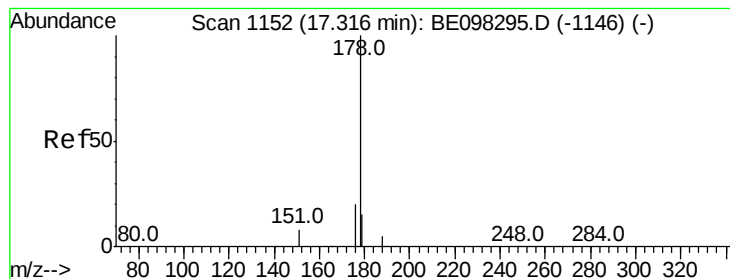


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#23

Phenanthrene

Concen: 0.370 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BE098535.D

Acq: 20 Dec 2018 12:37

Instrument :

BNA_E

ClientSampleId :

064_SW-E-2

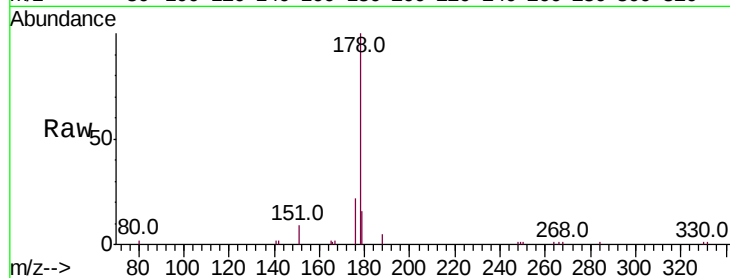
Tot Ion:178 Resp: 5635

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

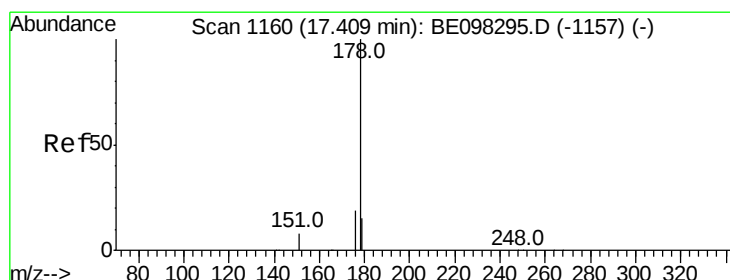
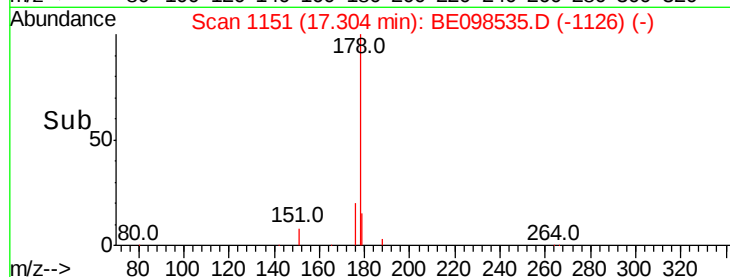
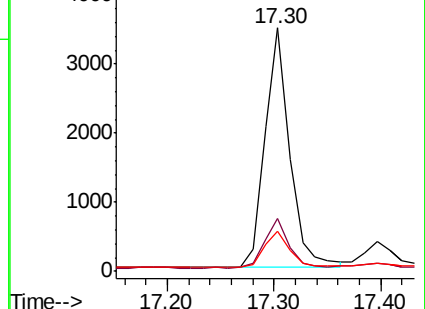
179 15.5 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.051 ng

RT: 17.40 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE098535.D

Acq: 20 Dec 2018 12:37

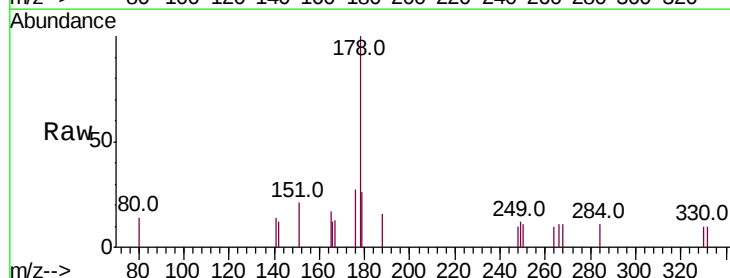
Tgt Ion:178 Resp: 695

Ion Ratio Lower Upper

178 100

176 21.6 15.0 22.4

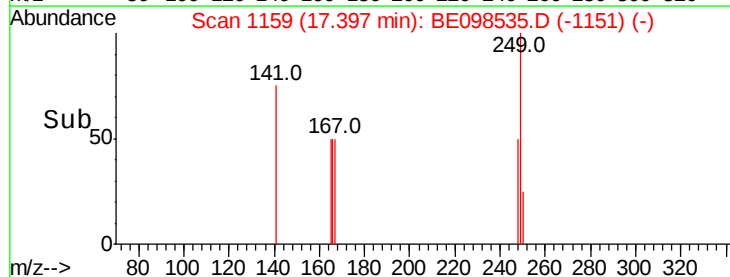
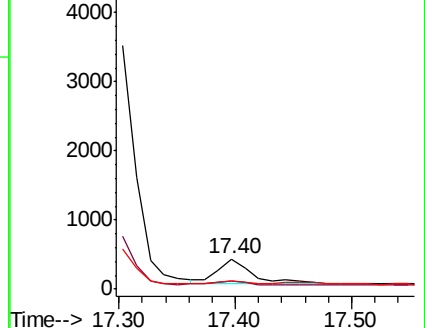
179 12.8 12.3 18.5

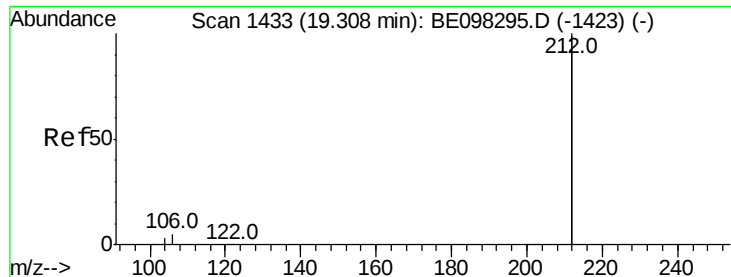


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.477 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098535.D

Acq: 20 Dec 2018 12:37

Instrument :

BNA_E

ClientSampleId :

064_SW-E-2

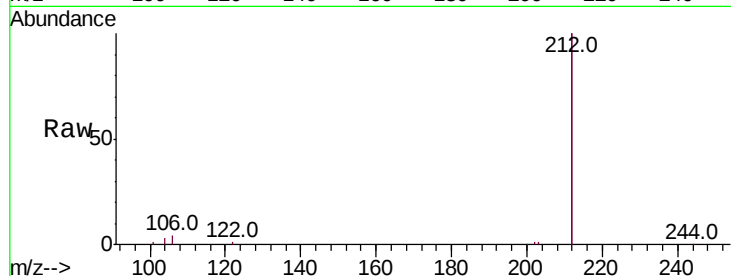
Tot Ion:212 Resp: 38323

Ion Ratio Lower Upper

212 100

106 2.5 2.2 3.2

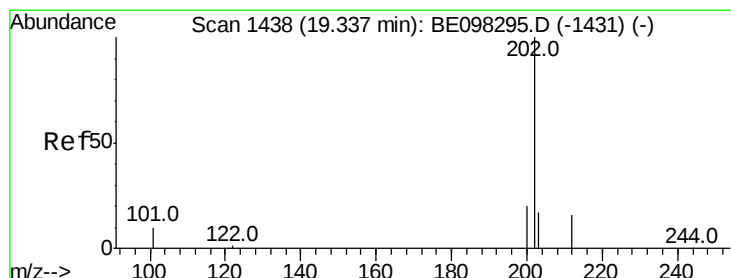
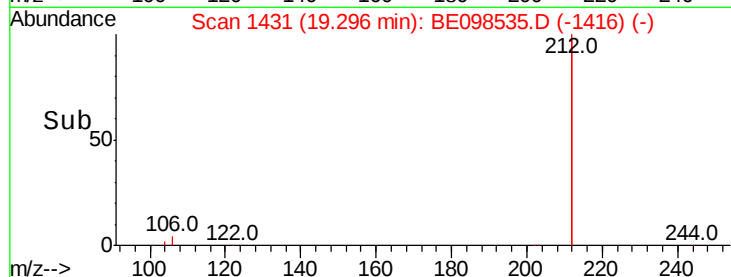
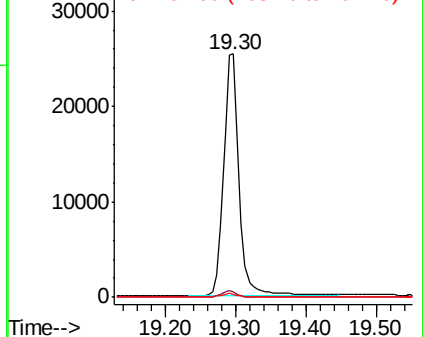
104 1.4 1.3 1.9



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: 0.092 ng

RT: 19.32 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE098535.D

Acq: 20 Dec 2018 12:37

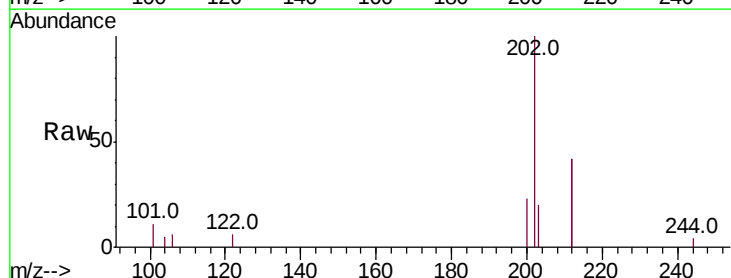
Tgt Ion:202 Resp: 1852

Ion Ratio Lower Upper

202 100

101 9.7 8.0 12.0

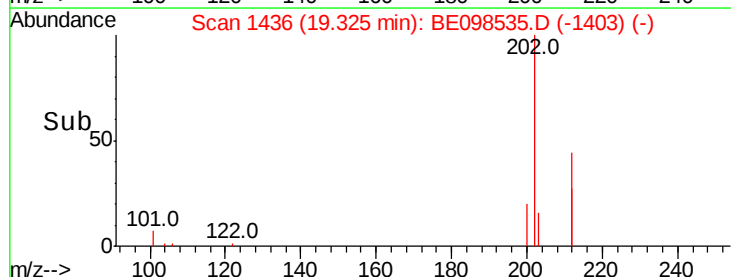
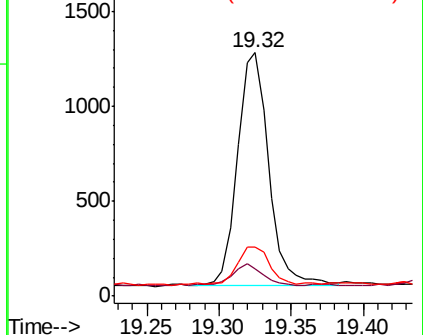
203 18.3 13.8 20.6

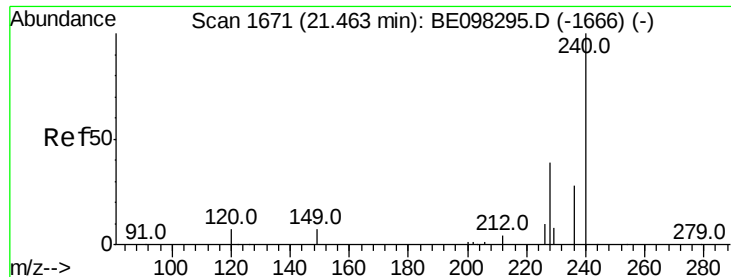


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098535.D

Acq: 20 Dec 2018 12:37

Instrument :

BNA_E

ClientSampleId :

064_SW-E-2

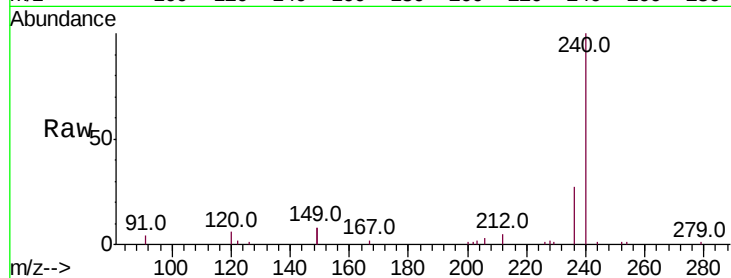
Tot Ion:240 Resp: 8958

Ion Ratio Lower Upper

240 100

120 5.7 9.5 14.3#

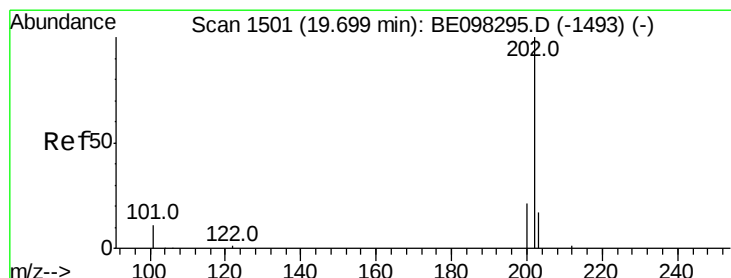
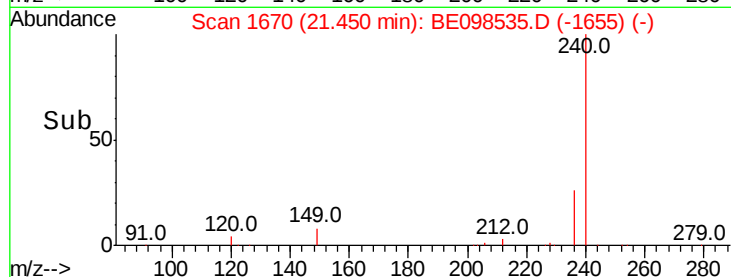
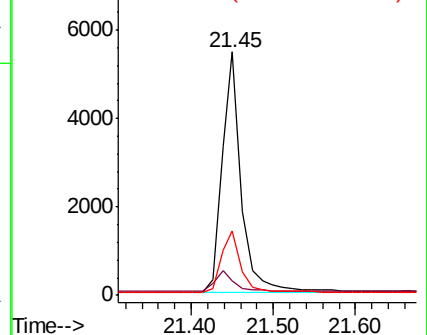
236 26.6 22.7 34.1



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



#28

Pyrene

Concen: 0.056 ng

RT: 19.69 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BE098535.D

Acq: 20 Dec 2018 12:37

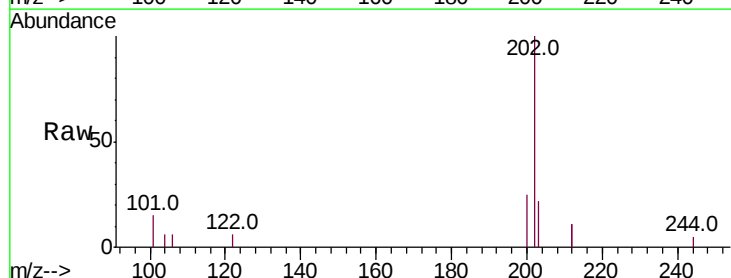
Tgt Ion:202 Resp: 1565

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

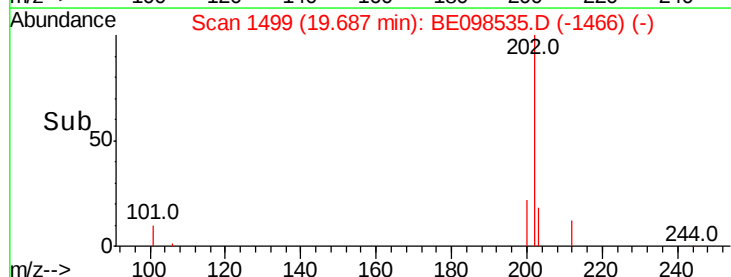
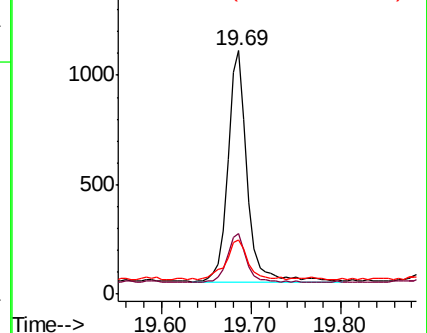
203 20.8 14.1 21.1

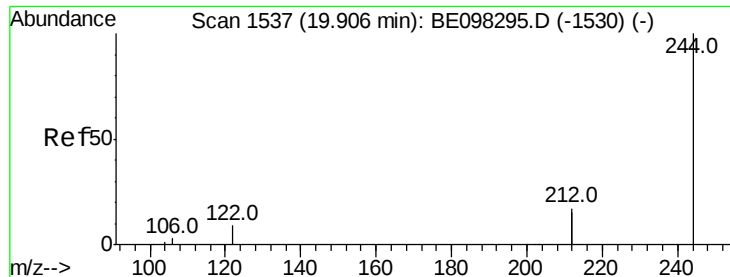


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.426 ng

RT: 19.89 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BE098535.D

Acq: 20 Dec 2018 12:37

Instrument :

BNA_E

ClientSampleId :

064_SW-E-2

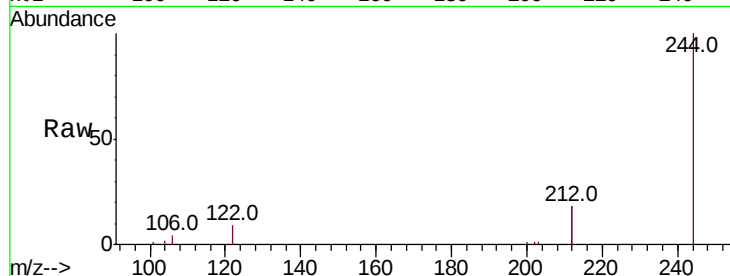
Tot Ion:244 Resp: 9270

Ion Ratio Lower Upper

244 100

212 36.2 27.4 41.0

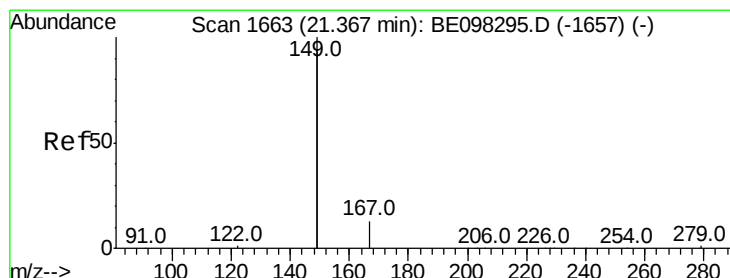
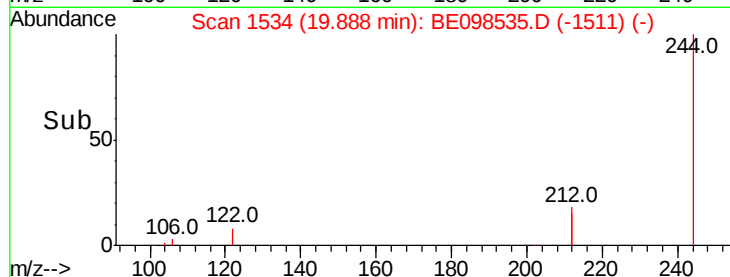
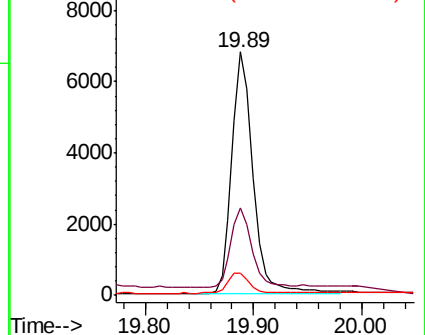
122 9.0 8.3 12.5



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: 0.112 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098535.D

Acq: 20 Dec 2018 12:37

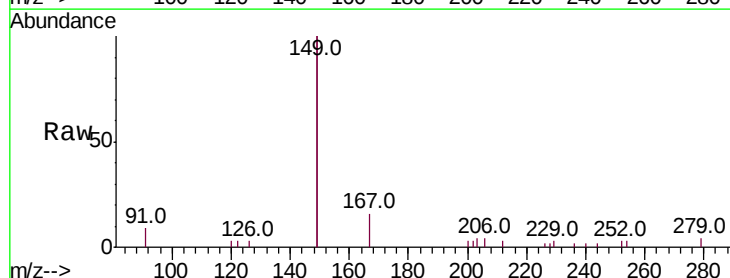
Tgt Ion:149 Resp: 5785

Ion Ratio Lower Upper

149 100

167 7.4 5.7 8.5

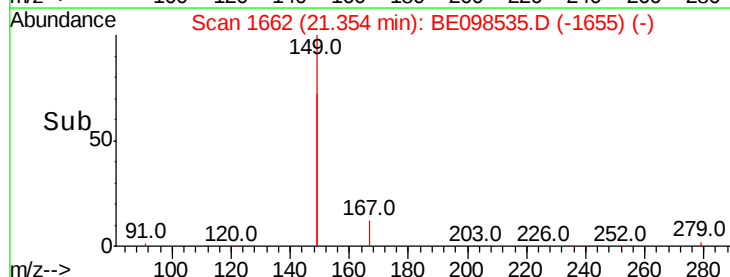
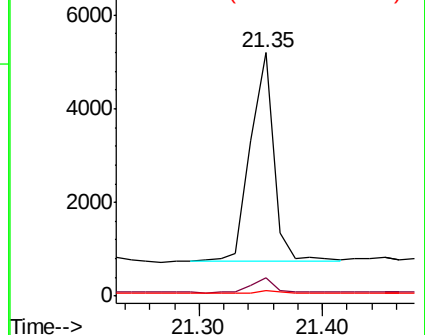
279 2.0 1.0 1.4#

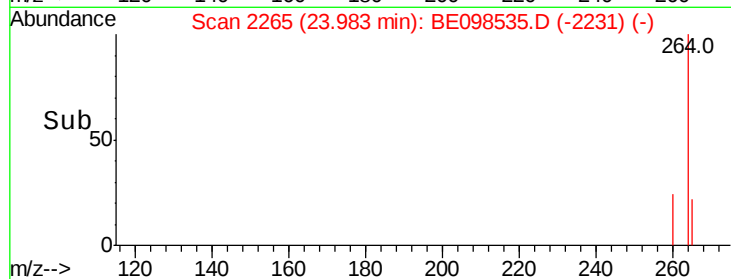
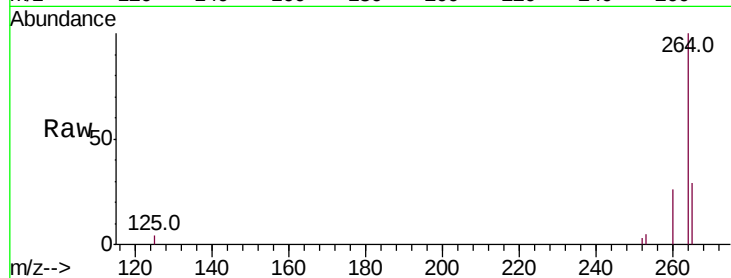
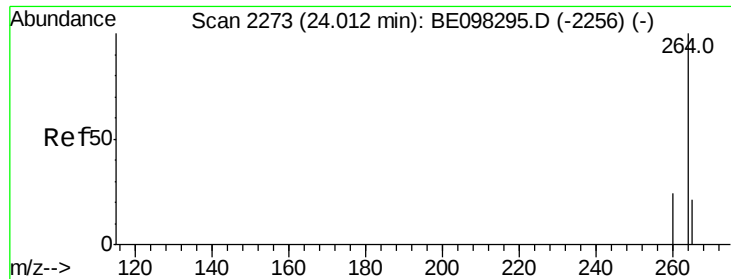


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE098535.D

Acq: 20 Dec 2018 12:37

Instrument :

BNA_E

ClientSampleId :

064_SW-E-2

Tot Ion:264 Resp: 7487

Ion Ratio Lower Upper

264 100

260 25.6 20.2 30.2

265 28.9 25.2 37.8

