

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE113018\
 Data File : BE098285.D
 Acq On : 30 Nov 2018 13:05
 Operator : SJ/JU
 Sample : J6047-03MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP2-MW-101MSD

Quant Time: Nov 30 14:09:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 13:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1355	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5583	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3436	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8970	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9980	0.40	ng	0.00
34) Perylene-d12	24.01	264	9711	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1104	0.31	ng	0.01
5) Phenol-d6	7.04	99	1117	0.22	ng	0.00
8) Nitrobenzene-d5	9.02	82	2562	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	6087	0.67	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	769	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	8259	0.58	ng	0.00
25) Fluoranthene-d10	19.31	212	59169	0.49	ng	0.00
29) Terphenyl-d14	19.91	244	12817	0.57	ng	0.00

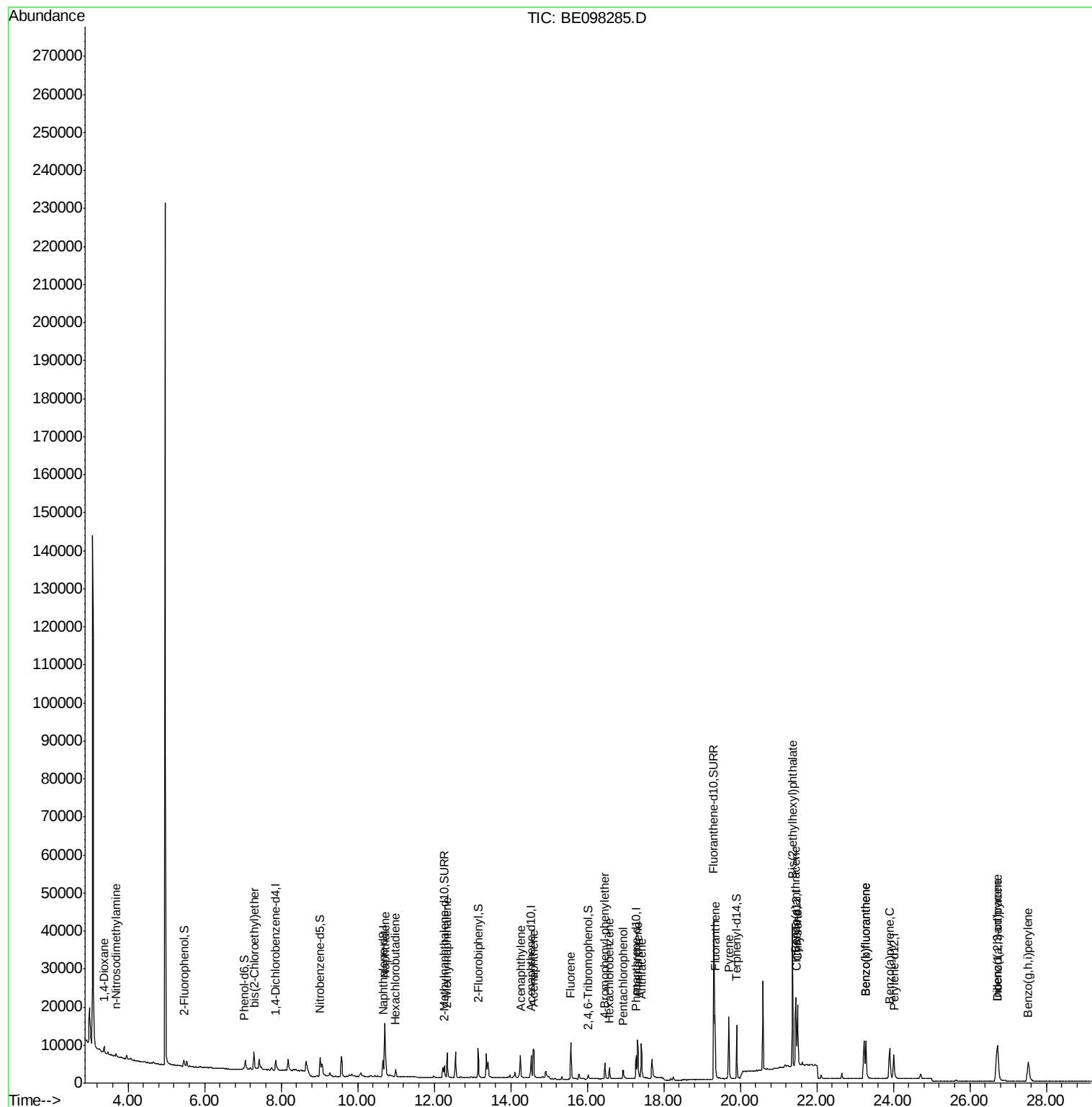
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	813	0.334	ng	# 22
3) n-Nitrosodimethylamine	3.68	42	752	0.289	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1812	0.386	ng	87
9) Naphthalene	10.72	128	27794	0.495	ng	99
10) Hexachlorobutadiene	10.99	225	1362	0.379	ng	98
12) 2-Methylnaphthalene	12.34	142	4881	0.524	ng	97
16) Acenaphthylene	14.25	152	8119	0.506	ng	99
17) Acenaphthene	14.60	154	4681	0.490	ng	99
18) Fluorene	15.57	166	6698	0.529	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	2362	0.465	ng	93
21) Hexachlorobenzene	16.58	284	2308	0.440	ng	98
22) Pentachlorophenol	16.94	266	1680	0.890	ng	89
23) Phenanthrene	17.31	178	11629	0.522	ng	100
24) Anthracene	17.41	178	10748	0.518	ng	99
26) Fluoranthene	19.34	202	15181	0.499	ng	100
28) Pyrene	19.70	202	15690	0.568	ng	100
30) Benzo(a)anthracene	21.45	228	15362	0.523	ng	98
31) Chrysene	21.50	228	15098	0.506	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	39700	0.564	ng	99
33) Indeno(1,2,3-cd)pyrene	26.71	276	16110	0.534	ng	99
35) Benzo(b)fluoranthene	23.28	252	15510	0.545	ng	98
36) Benzo(k)fluoranthene	23.28	252	15510	0.519	ng	99
37) Benzo(a)pyrene	23.90	252	14461	0.527	ng	98
38) Dibenzo(a,h)anthracene	26.73	278	13320	0.512	ng	95
39) Benzo(g,h,i)perylene	27.52	276	13711	0.526	ng	97

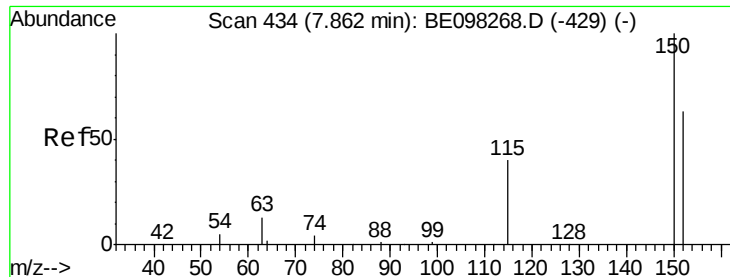
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE113018\
Data File : BE098285.D
Acq On : 30 Nov 2018 13:05
Operator : SJ/JU
Sample : J6047-03MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Quant Time: Nov 30 14:09:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 13:50:43 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

Instrument :

BNA_G

ClientSampleId :

EP2-MW-101MSD

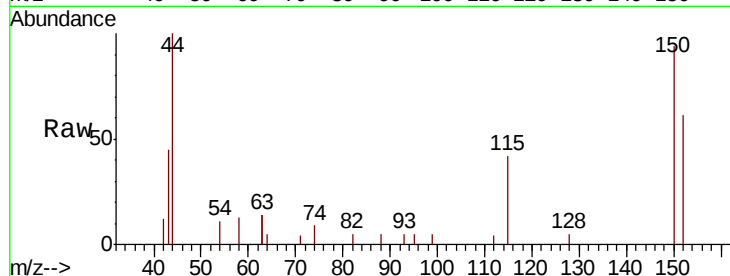
Tot Ion:152 Resp: 1355

Ion Ratio Lower Upper

152 100

150 154.6 124.2 186.4

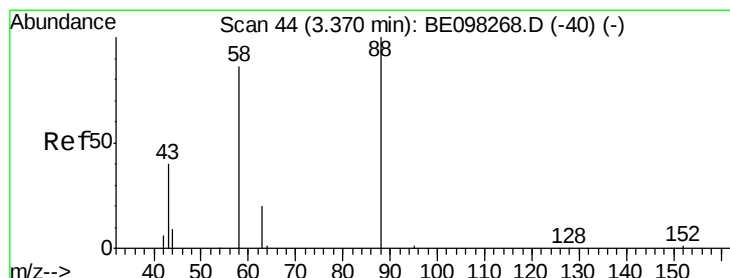
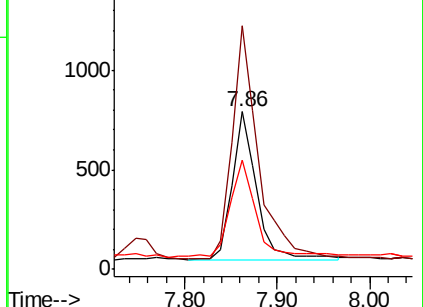
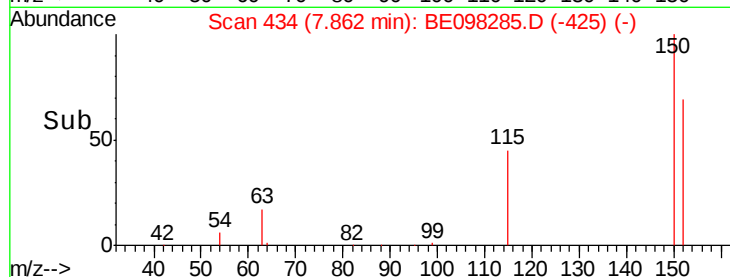
115 69.4 53.9 80.9



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



#2

1,4-Dioxane

Concen: 0.334 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

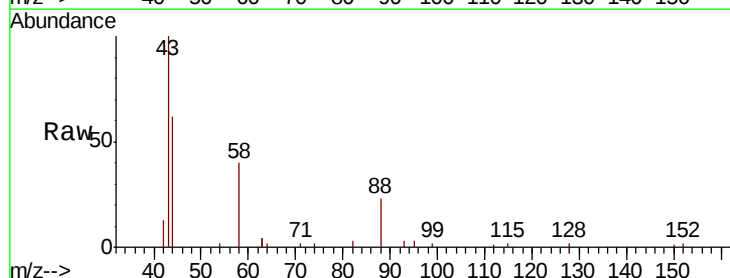
Tgt Ion: 88 Resp: 813

Ion Ratio Lower Upper

88 100

58 114.9 75.0 112.6#

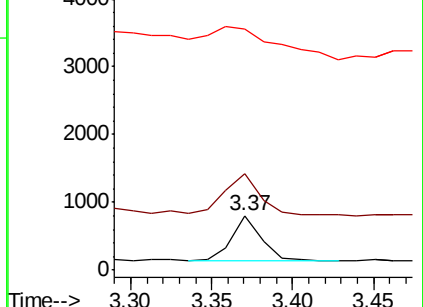
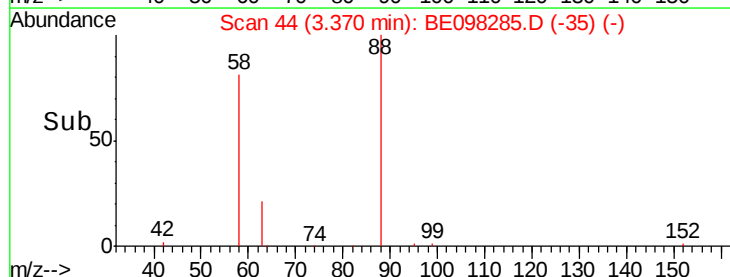
43 173.9 38.3 57.5#

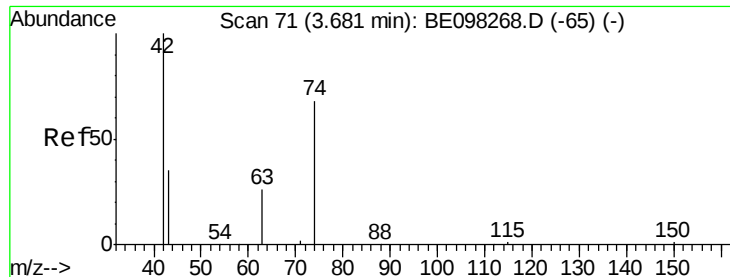


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



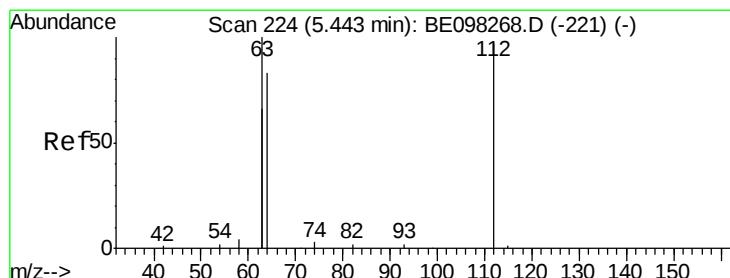
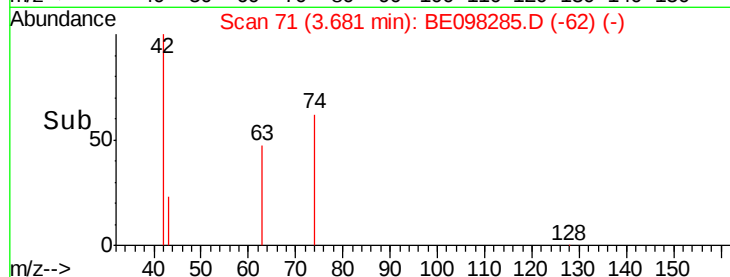
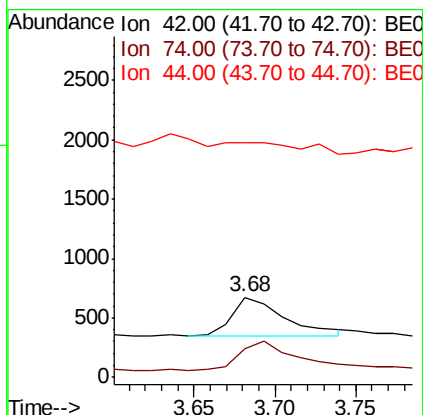
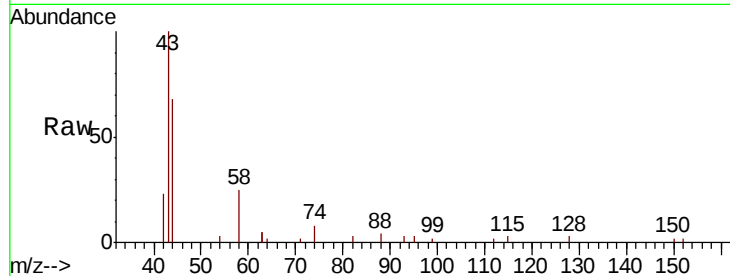


#3

n-Nitrosodimethylamine
 Concen: 0.289 ng
 RT: 3.68 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: BE098285.D
 Acq: 30 Nov 2018 13:05

Instrument :
 BNA_G
 ClientSampleId :
 EP2-MW-101MSD

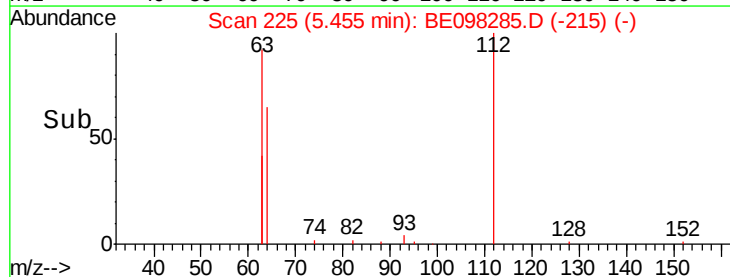
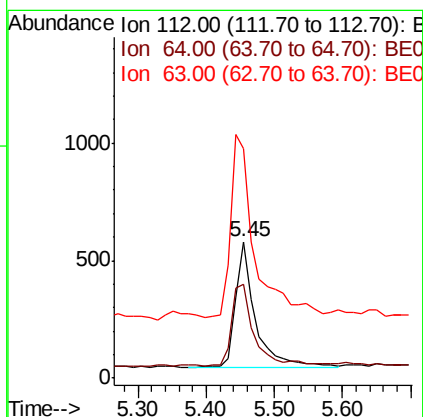
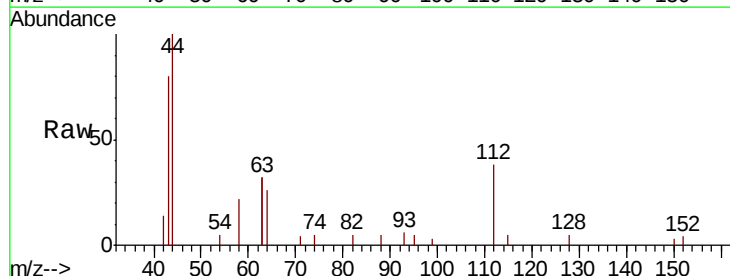
Tot Ion: 42 Resp: 752
 Ion Ratio Lower Upper
 42 100
 74 76.3 0.0 0.0#
 44 0.0 0.0 0.0

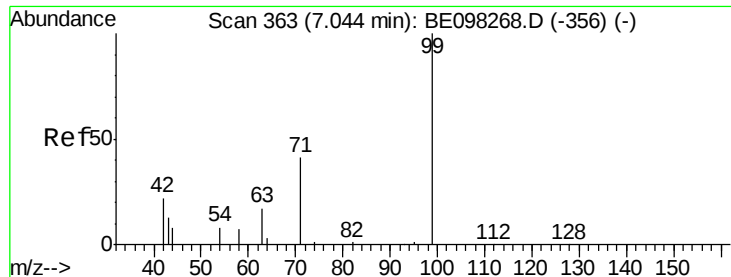


#4

2-Fluorophenol
 Concen: 0.305 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098285.D
 Acq: 30 Nov 2018 13:05

Tgt Ion: 112 Resp: 1104
 Ion Ratio Lower Upper
 112 100
 64 75.3 59.8 89.8
 63 172.7 133.7 200.5





#5

Phenol-d6

Concen: 0.219 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

Instrument :

BNA_G

ClientSampleId :

EP2-MW-101MSD

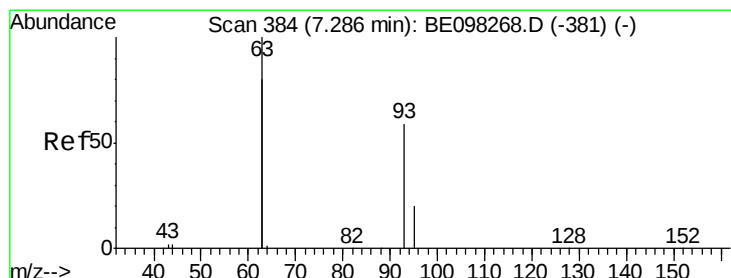
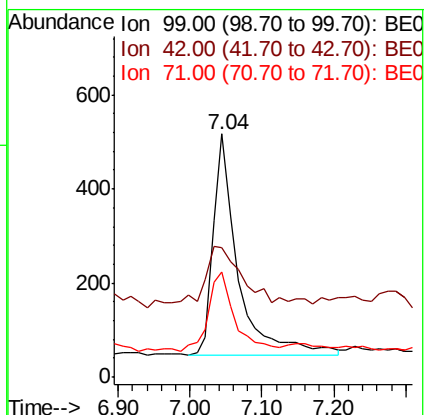
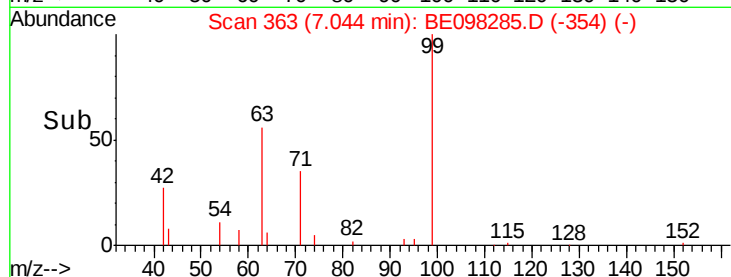
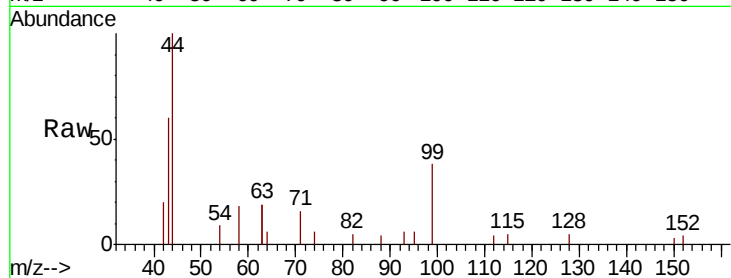
Tot Ion: 99 Resp: 1117

Ion Ratio Lower Upper

99 100

42 34.4 26.3 39.5

71 37.5 33.6 50.4



#6

bis(2-Chloroethyl)ether

Concen: 0.386 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

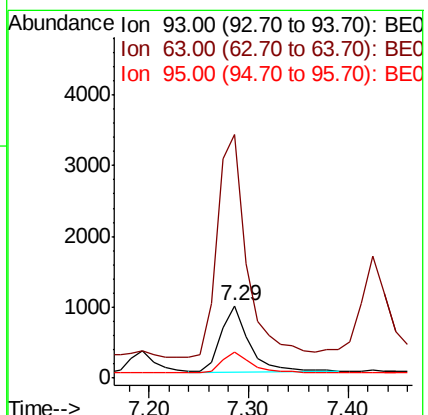
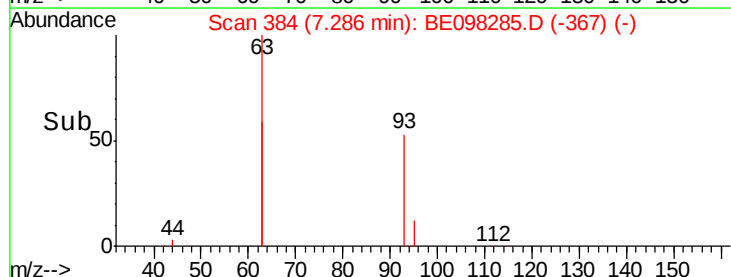
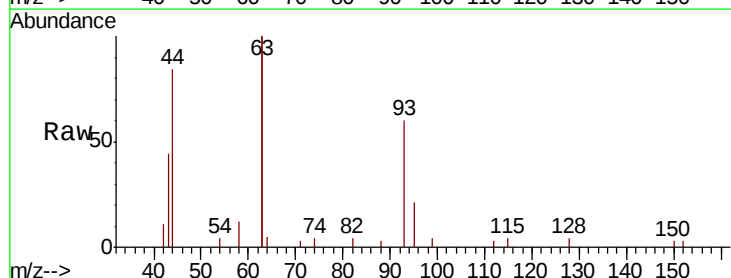
Tgt Ion: 93 Resp: 1812

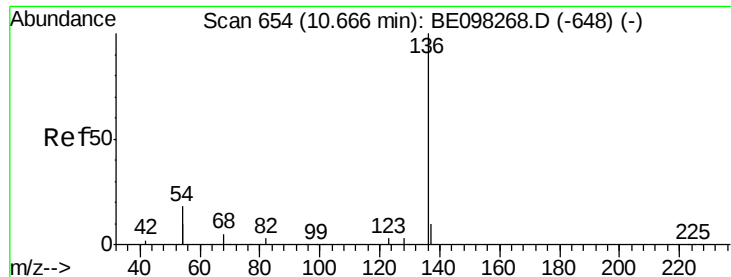
Ion Ratio Lower Upper

93 100

63 360.1 264.4 396.6

95 34.1 26.6 40.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

Instrument :

BNA_G

ClientSampleId :

EP2-MW-101MSD

Tot Ion:136 Resp: 5583

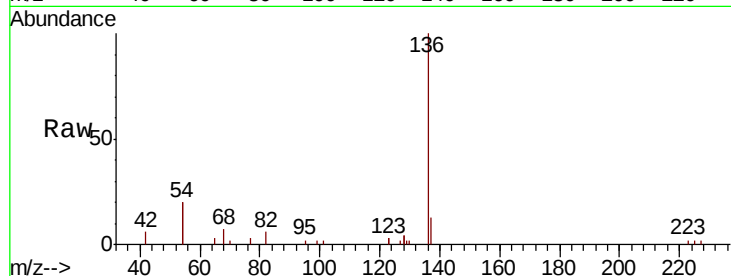
Ion Ratio Lower Upper

136 100

137 12.6 9.2 13.8

54 39.5 28.4 42.6

68 7.2 5.4 8.0

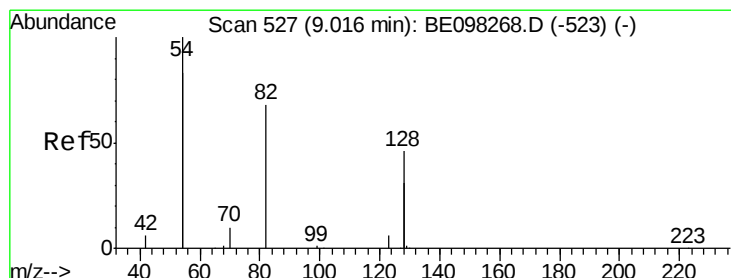
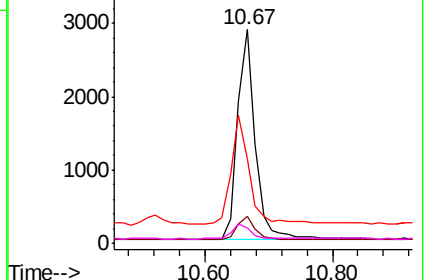
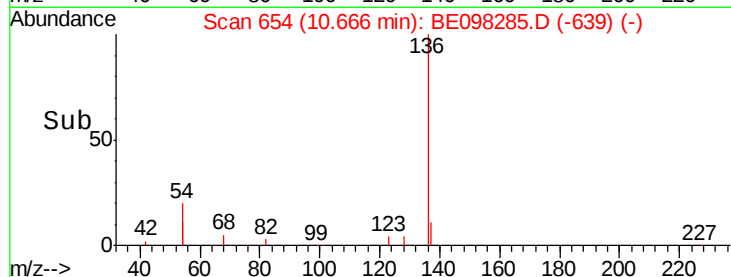


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.453 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

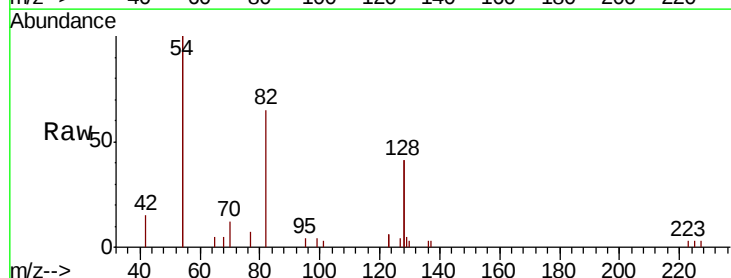
Tgt Ion: 82 Resp: 2562

Ion Ratio Lower Upper

82 100

128 126.8 102.4 153.6

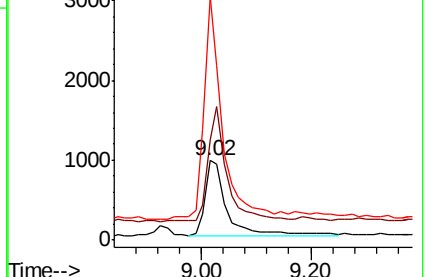
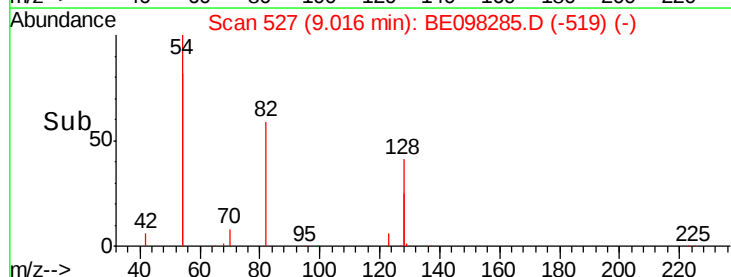
54 306.8 221.8 332.8

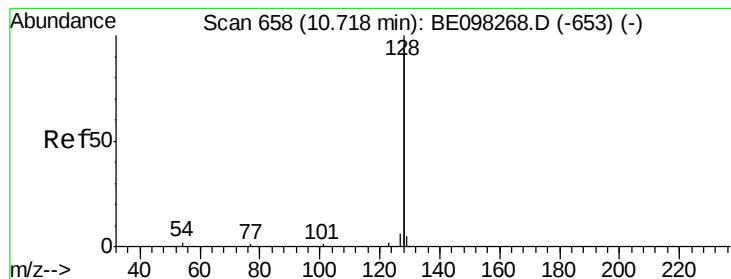


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.495 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

Instrument :

BNA_G

ClientSampleId :

EP2-MW-101MSD

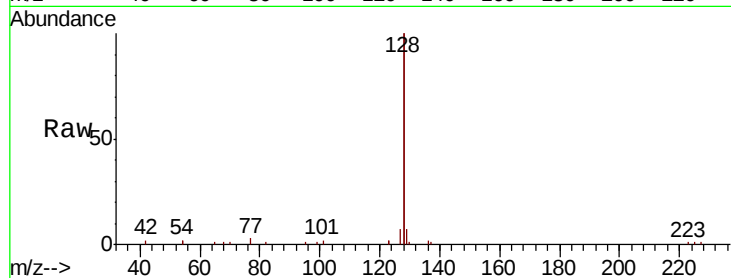
Tot Ion:128 Resp: 27794

Ion Ratio Lower Upper

128 100

129 3.3 2.5 3.7

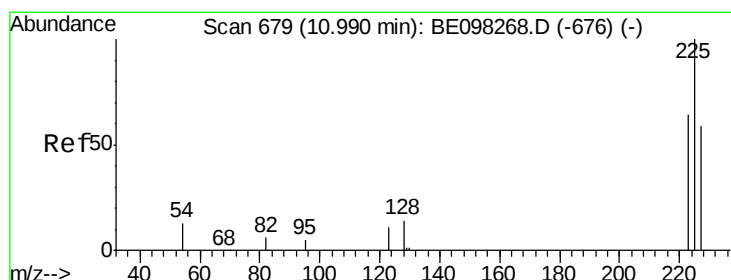
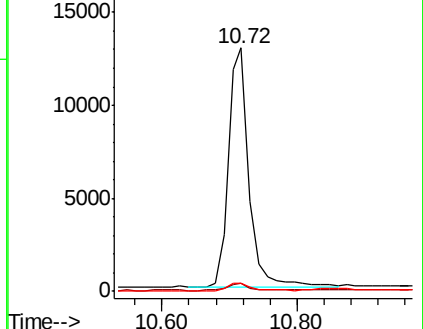
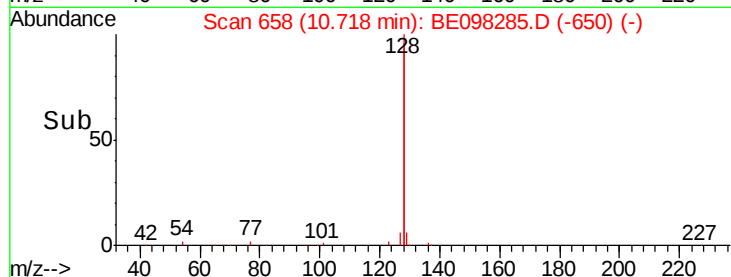
127 3.6 2.7 4.1



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



#10

Hexachlorobutadiene

Concen: 0.379 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

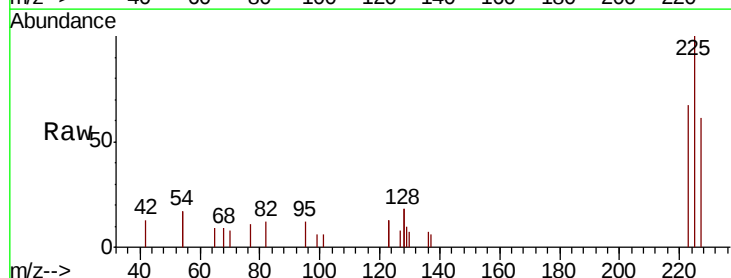
Tgt Ion:225 Resp: 1362

Ion Ratio Lower Upper

225 100

223 62.0 49.4 74.0

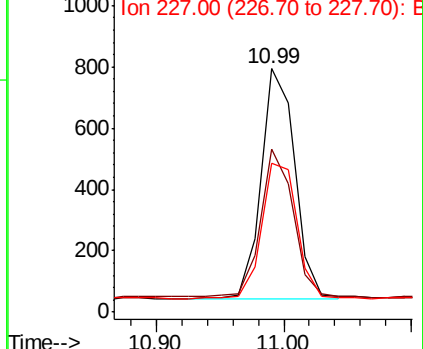
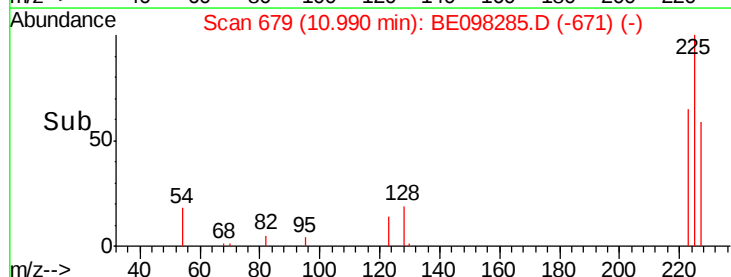
227 61.8 52.0 78.0

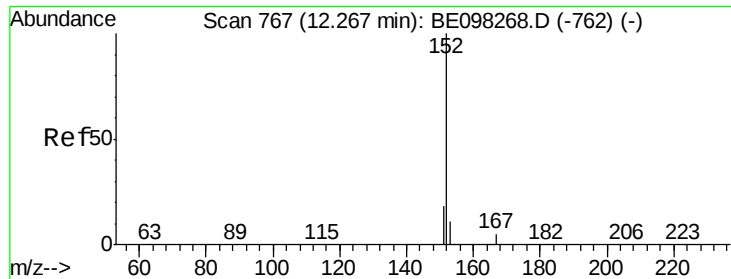


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

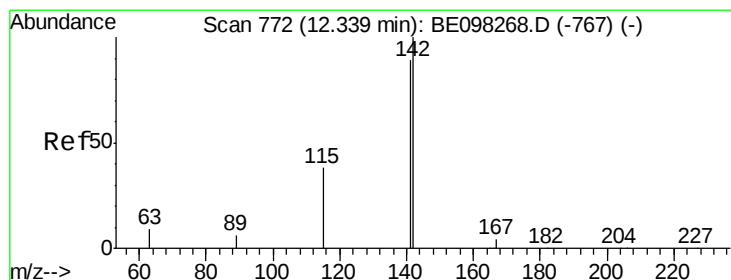
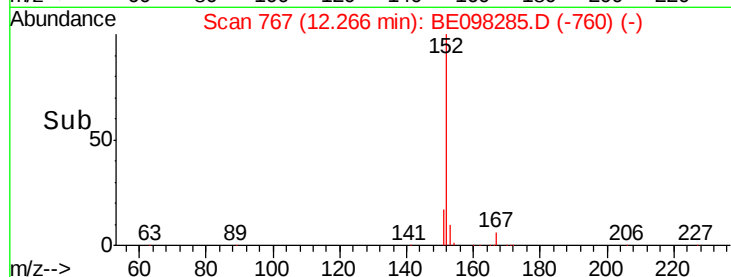
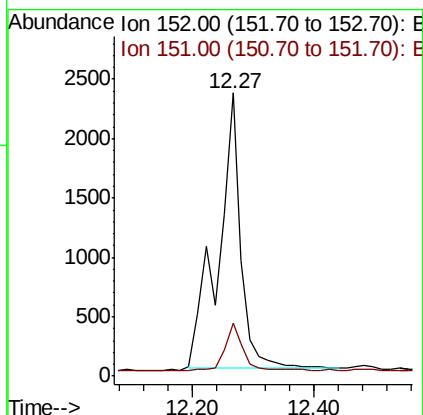
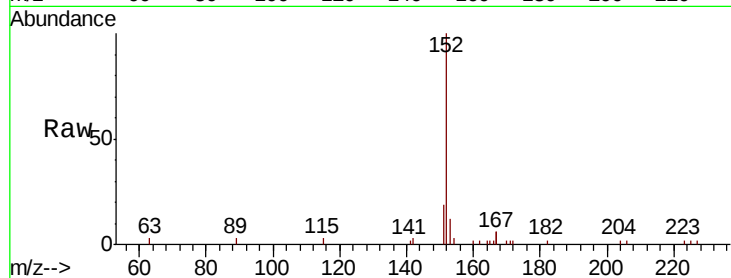




#11
 2-Methylnaphthalene-d10
 Concen: 0.671 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098285.D
 Acq: 30 Nov 2018 13:05

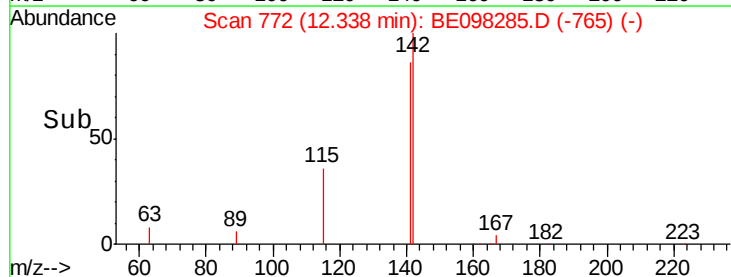
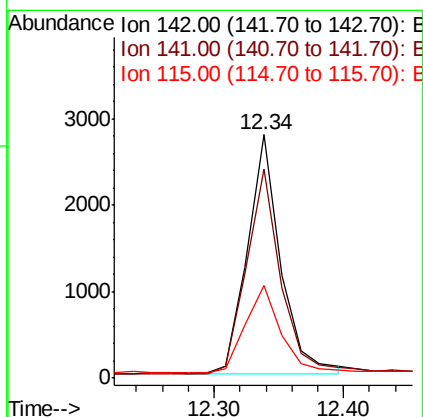
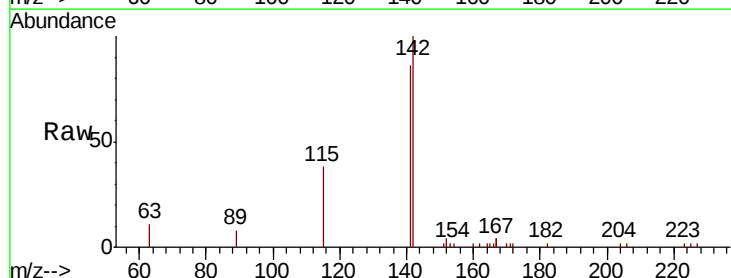
Instrument :
 BNA_G
 ClientSampleId :
 EP2-MW-101MSD

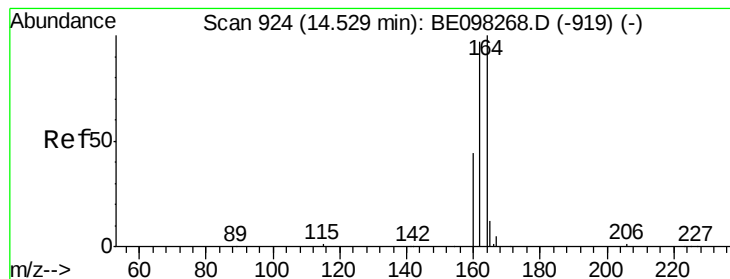
Tot Ion:152 Resp: 6087
 Ion Ratio Lower Upper
 152 100
 151 13.8 16.2 24.4#



#12
 2-Methylnaphthalene
 Concen: 0.524 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE098285.D
 Acq: 30 Nov 2018 13:05

Tgt Ion:142 Resp: 4881
 Ion Ratio Lower Upper
 142 100
 141 86.1 71.0 106.6
 115 38.0 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

Instrument :

BNA_G

ClientSampleId :

EP2-MW-101MSD

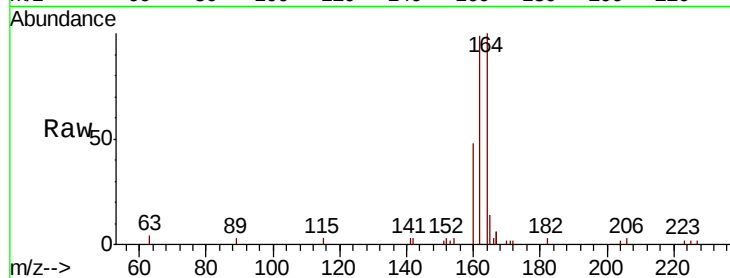
Tot Ion:164 Resp: 3436

Ion Ratio Lower Upper

164 100

162 98.8 77.6 116.4

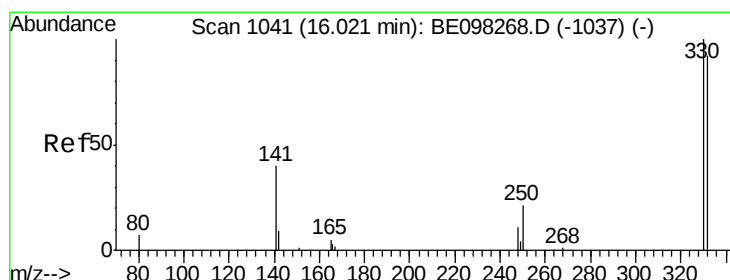
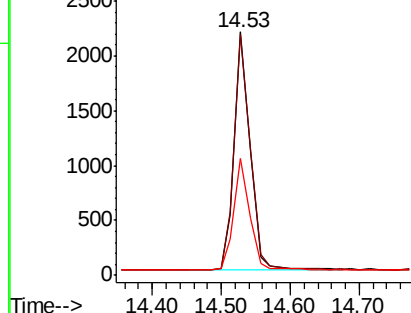
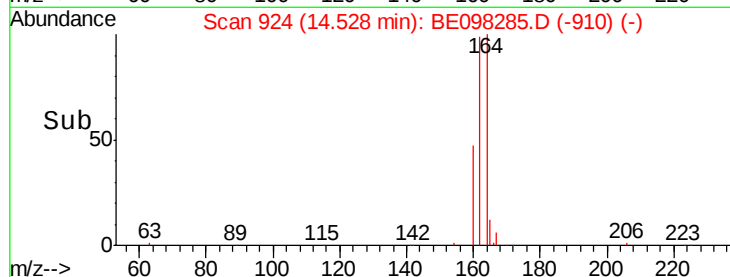
160 48.2 36.0 54.0



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: 0.472 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

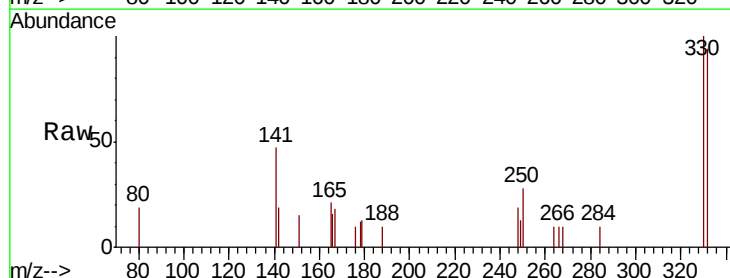
Tgt Ion:330 Resp: 769

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

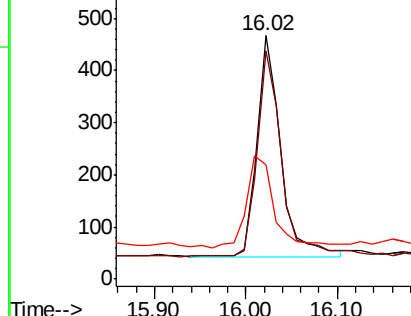
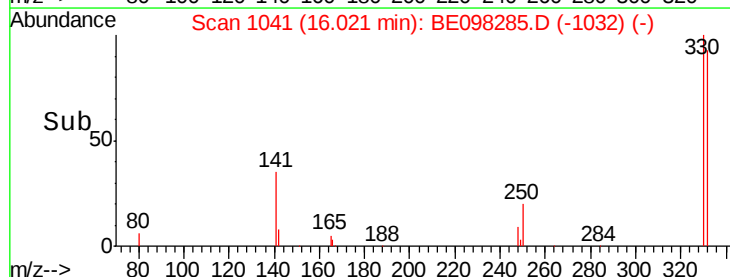
141 48.5 39.0 58.4

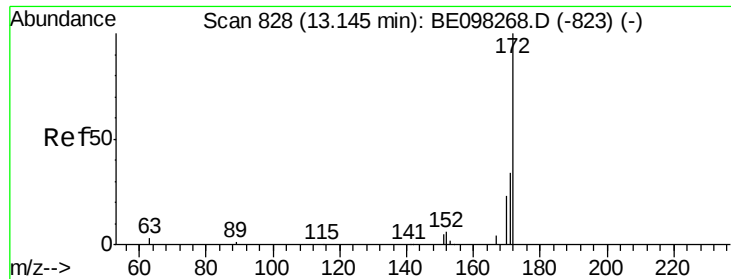


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

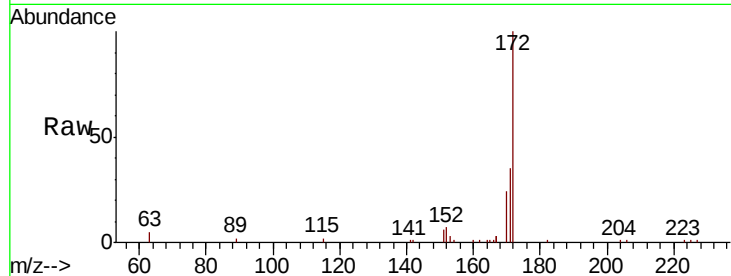




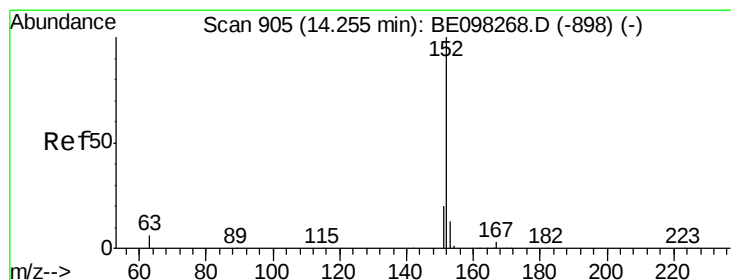
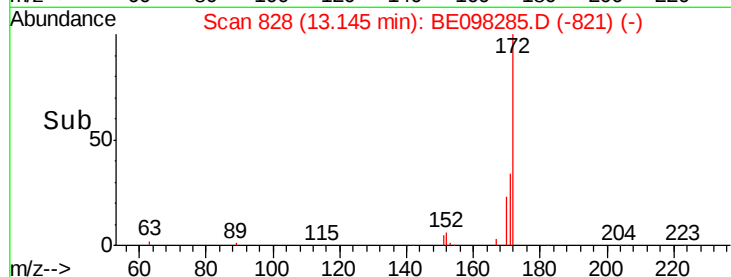
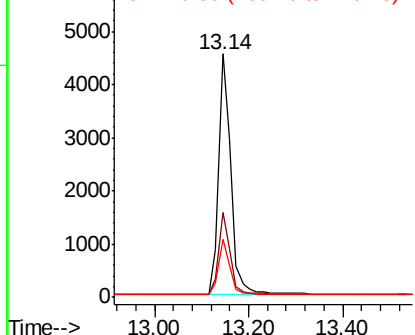
#15
2-Fluorobiphenyl
Concen: 0.580 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098285.D
Acq: 30 Nov 2018 13:05

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

Tot Ion:172 Resp: 8259
Ion Ratio Lower Upper
172 100
171 34.8 27.5 41.3
170 23.6 19.6 29.4

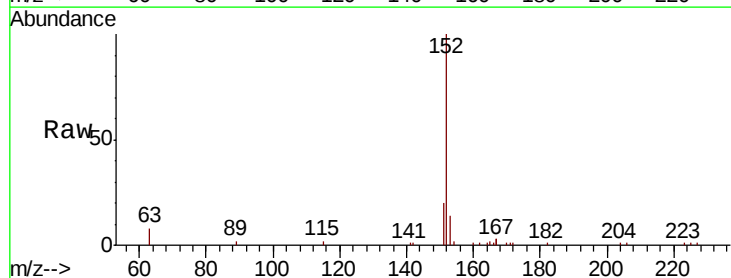


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

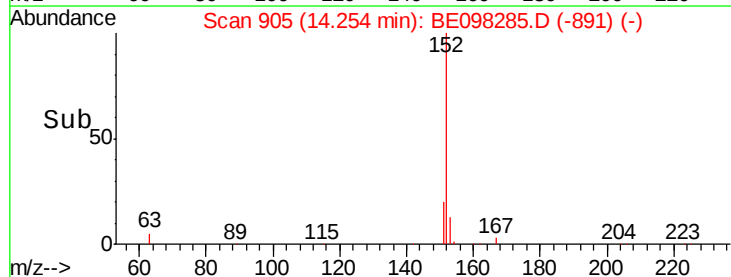
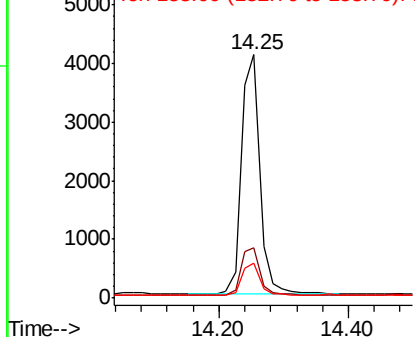


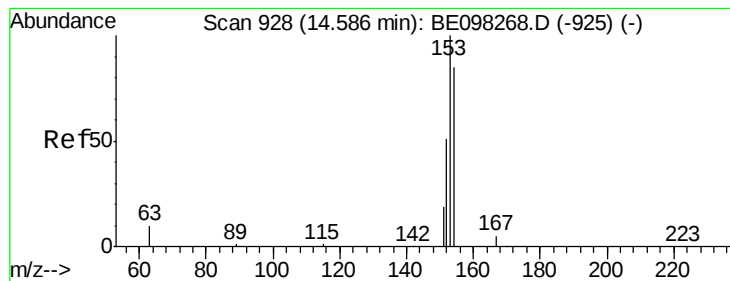
#16
Acenaphthylene
Concen: 0.506 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098285.D
Acq: 30 Nov 2018 13:05

Tgt Ion:152 Resp: 8119
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 13.0 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.490 ng

RT: 14.60 min Scan# 929

Delta R.T. 0.01 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

Instrument :

BNA_G

ClientSampleId :

EP2-MW-101MSD

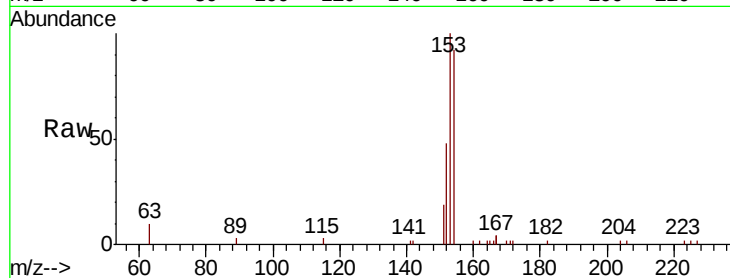
Tot Ion:154 Resp: 4681

Ion Ratio Lower Upper

154 100

153 115.7 91.8 137.6

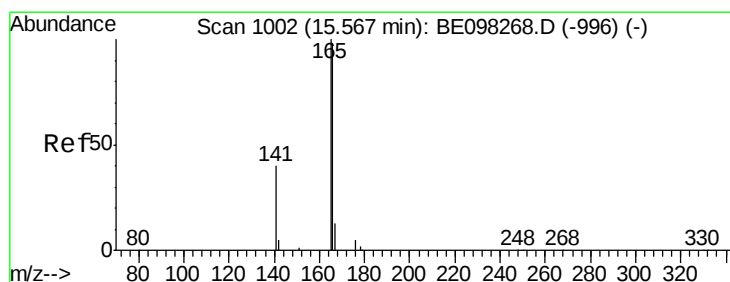
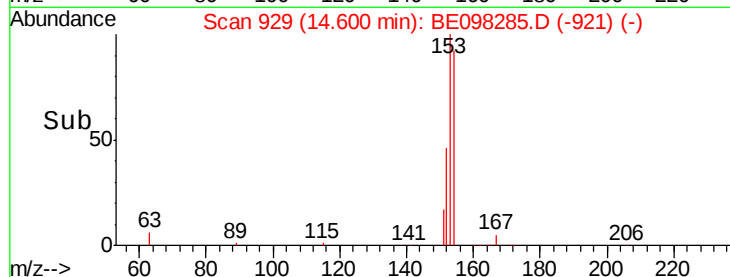
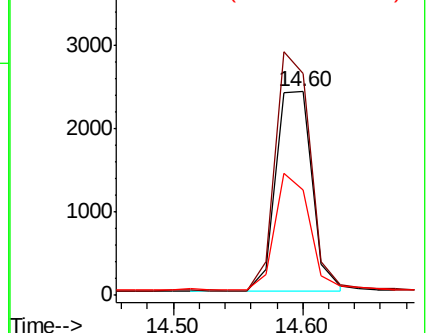
152 55.7 45.5 68.3



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: 0.529 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

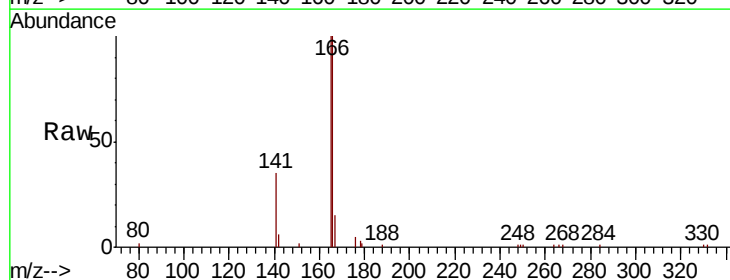
Tgt Ion:166 Resp: 6698

Ion Ratio Lower Upper

166 100

165 100.1 79.3 118.9

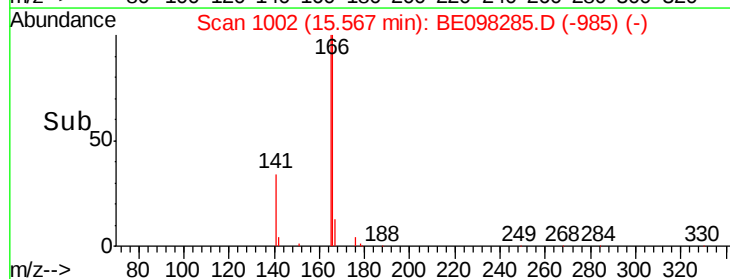
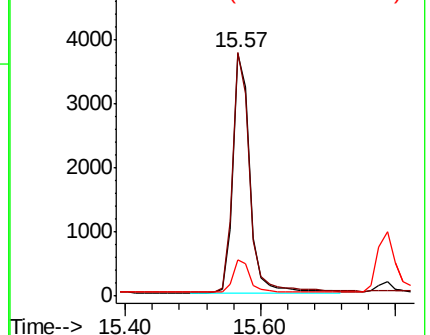
167 14.0 11.3 16.9

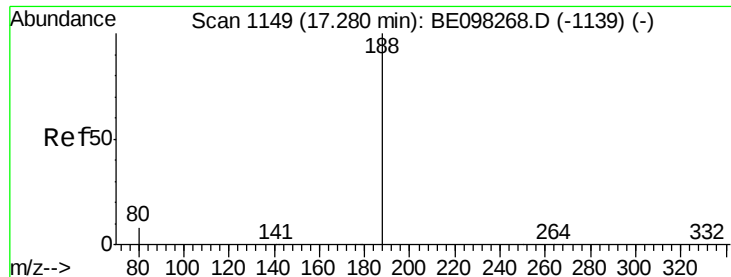


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

Instrument :

BNA_G

ClientSampleId :

EP2-MW-101MSD

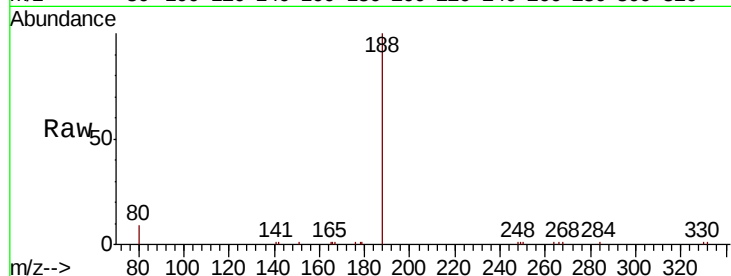
Tot Ion:188 Resp: 8970

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

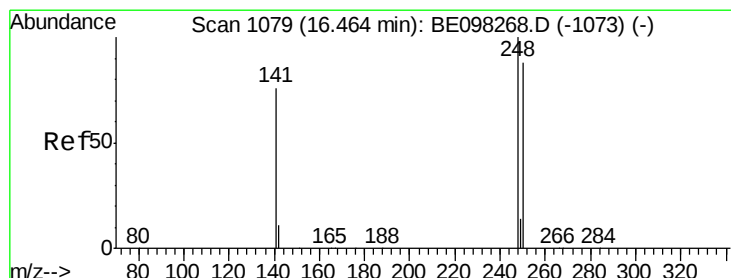
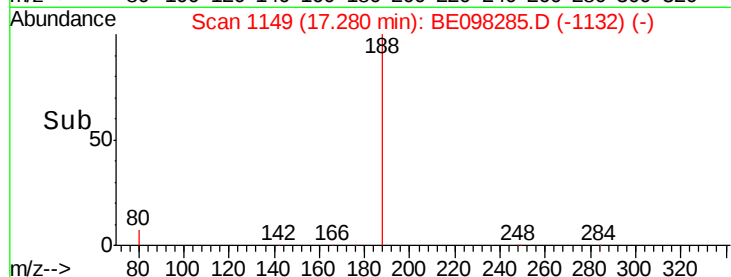
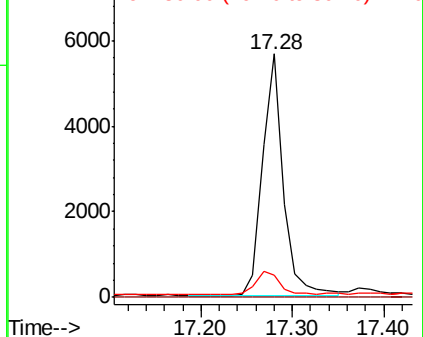
80 8.9 7.2 10.8



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



#20

4-Bromophenyl-phenylether

Concen: 0.465 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

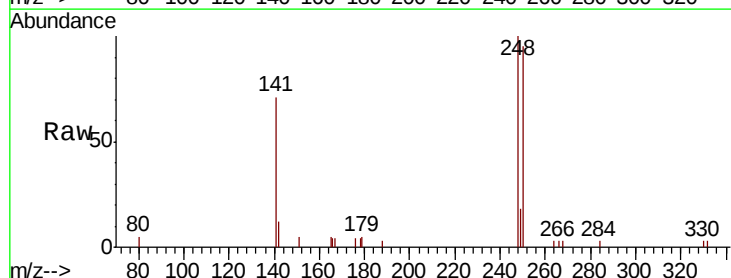
Tgt Ion:248 Resp: 2362

Ion Ratio Lower Upper

248 100

250 95.3 71.0 106.6

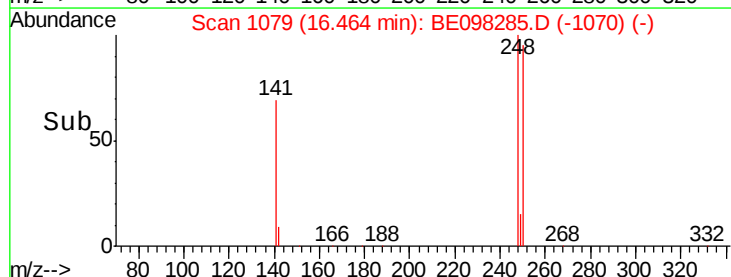
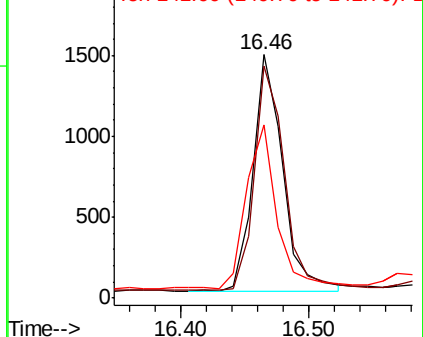
141 71.4 62.1 93.1

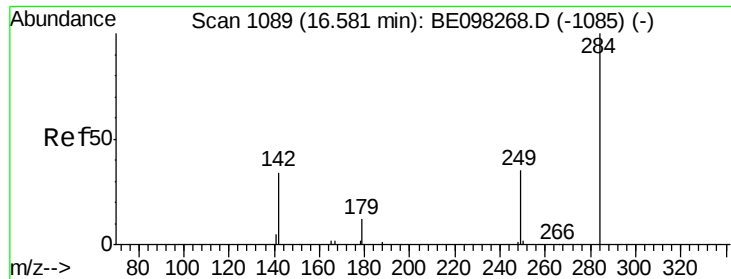


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

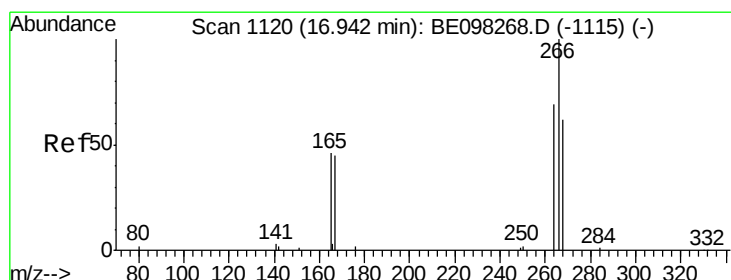
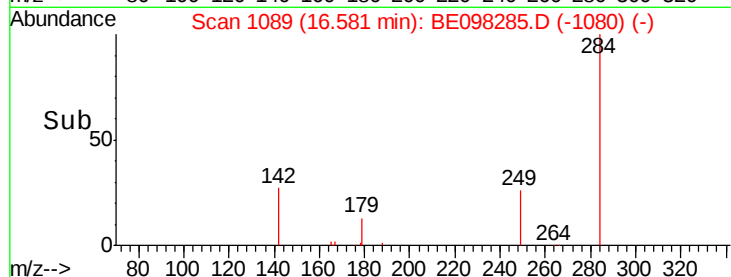
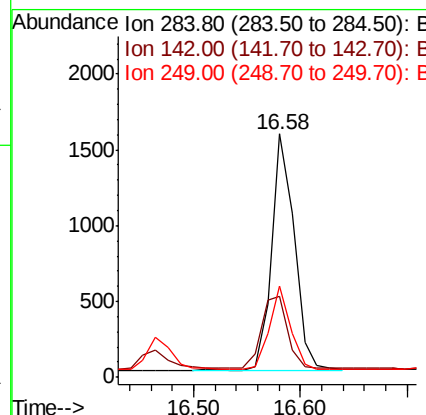
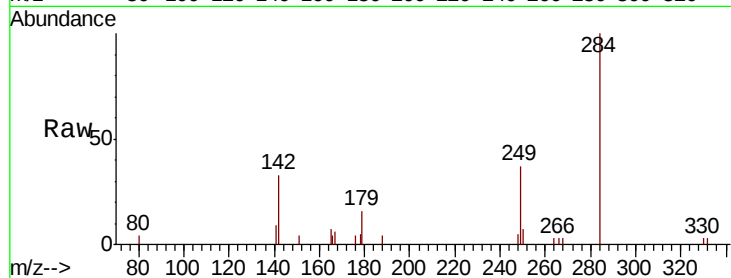




#21
Hexachlorobenzene
Concen: 0.440 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098285.D
Acq: 30 Nov 2018 13:05

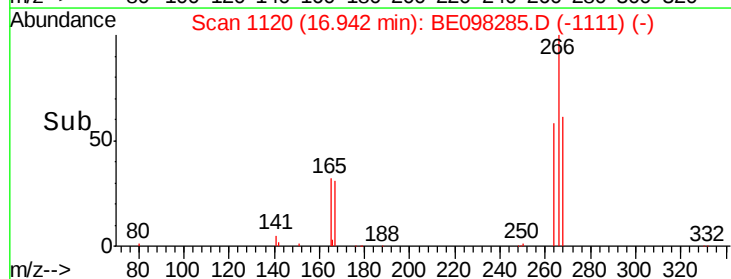
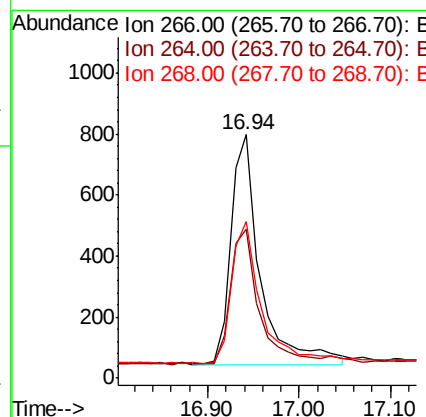
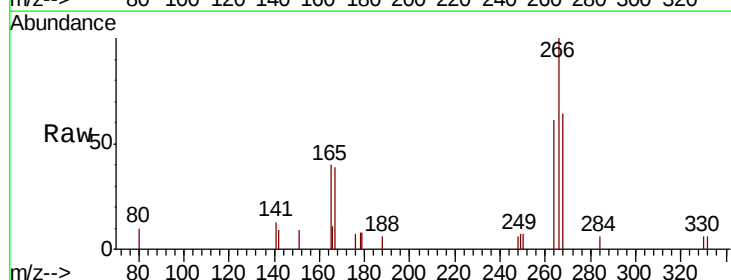
Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

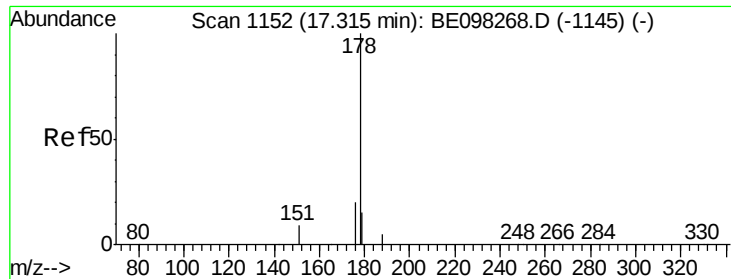
Tot Ion:284 Resp: 2308
Ion Ratio Lower Upper
284 100
142 34.7 26.3 39.5
249 33.1 26.0 39.0



#22
Pentachlorophenol
Concen: 0.890 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098285.D
Acq: 30 Nov 2018 13:05

Tgt Ion:266 Resp: 1680
Ion Ratio Lower Upper
266 100
264 61.2 59.0 88.4
268 64.0 55.1 82.7





#23

Phenanthrene

Concen: 0.522 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

Instrument :

BNA_G

ClientSampleId :

EP2-MW-101MSD

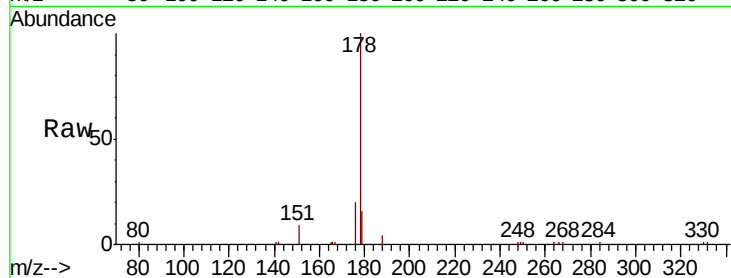
Tot Ion:178 Resp: 11629

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

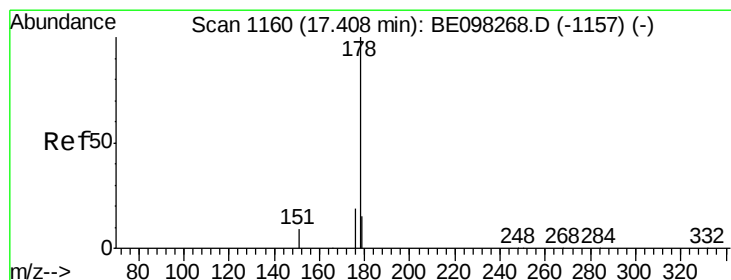
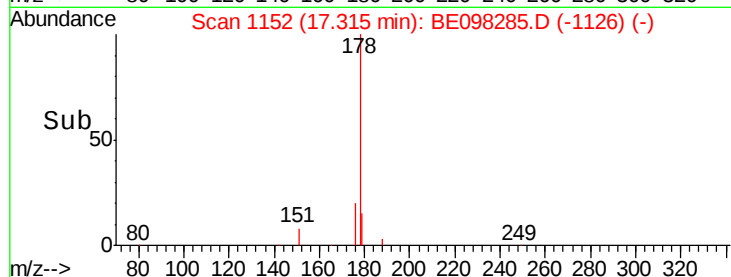
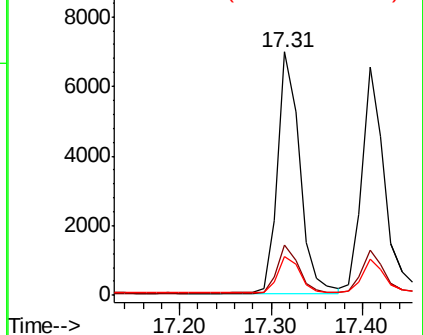
179 15.8 12.3 18.5



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



#24

Anthracene

Concen: 0.518 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

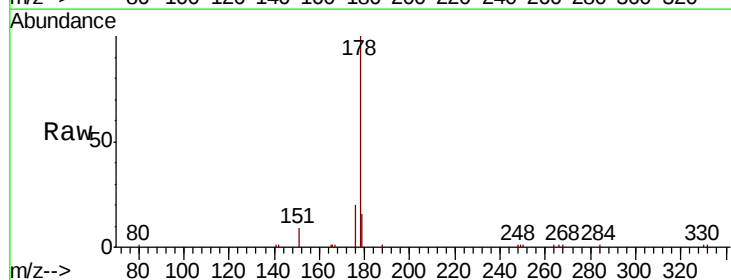
Tgt Ion:178 Resp: 10748

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

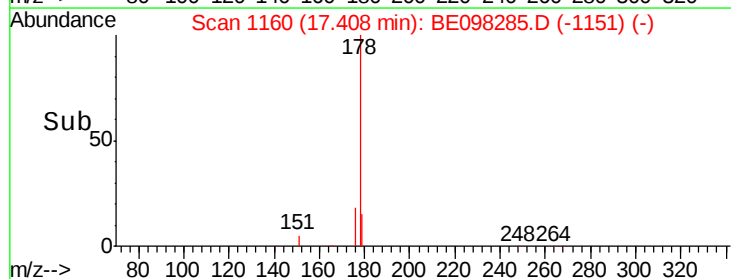
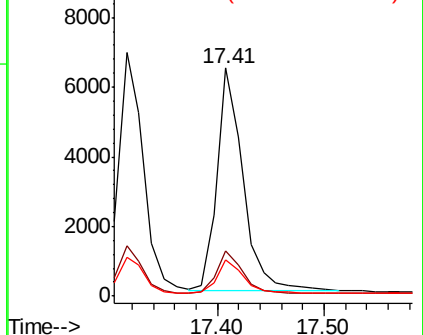
179 15.1 12.3 18.5

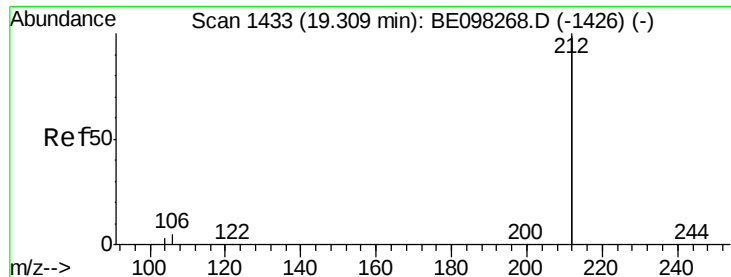


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

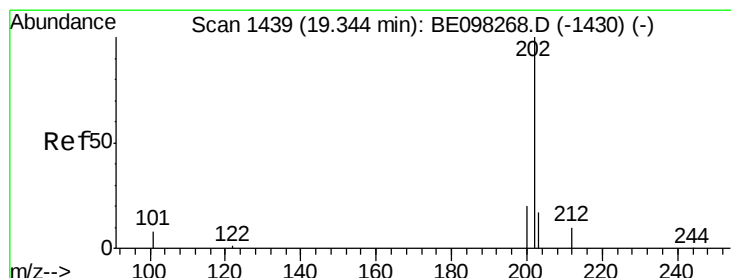
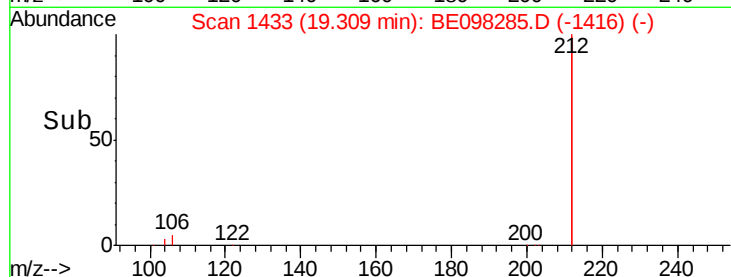
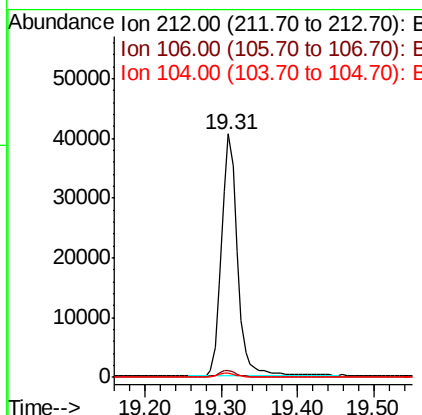
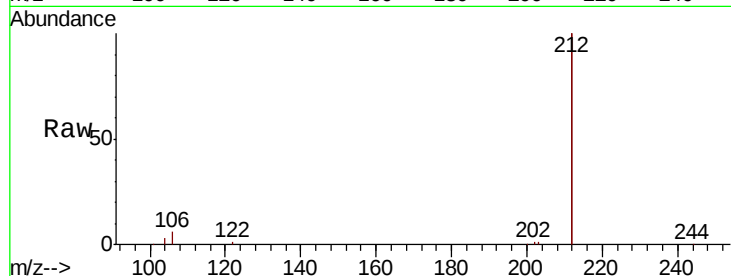




#25
Fluoranthene-d10
Concen: 0.489 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098285.D
Acq: 30 Nov 2018 13:05

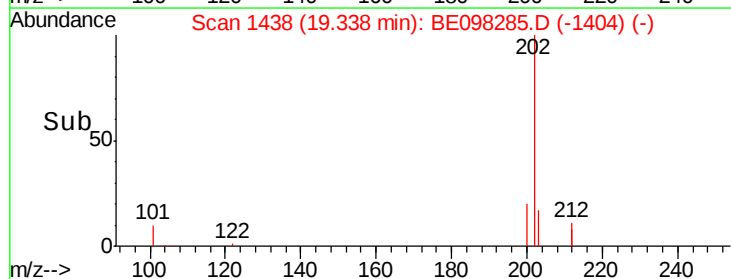
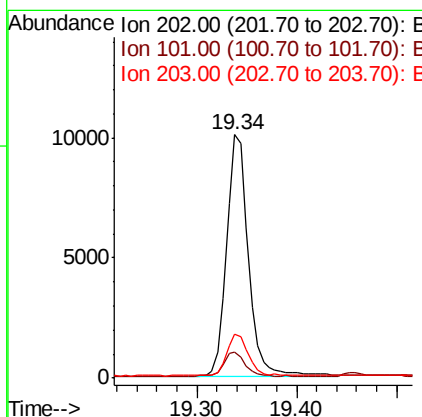
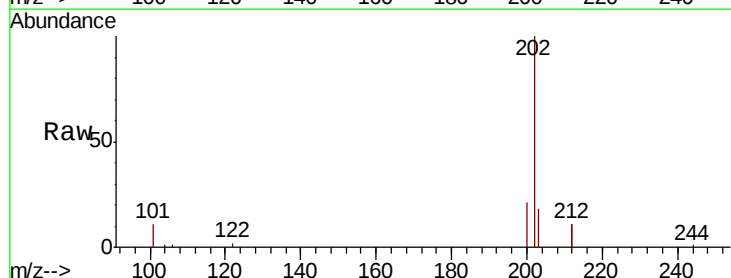
Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

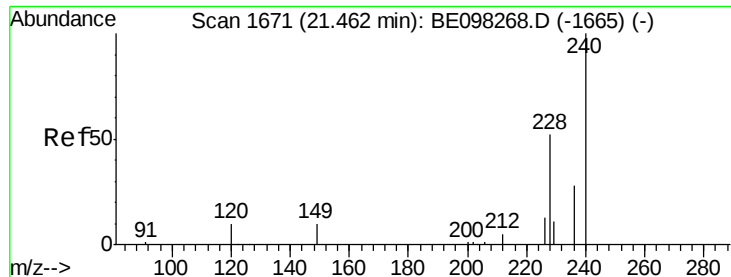
Tot Ion:212 Resp: 59169
Ion Ratio Lower Upper
212 100
106 2.6 2.2 3.2
104 1.6 1.3 1.9



#26
Fluoranthene
Concen: 0.499 ng
RT: 19.34 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BE098285.D
Acq: 30 Nov 2018 13:05

Tgt Ion:202 Resp: 15181
Ion Ratio Lower Upper
202 100
101 10.0 8.0 12.0
203 17.2 13.8 20.6

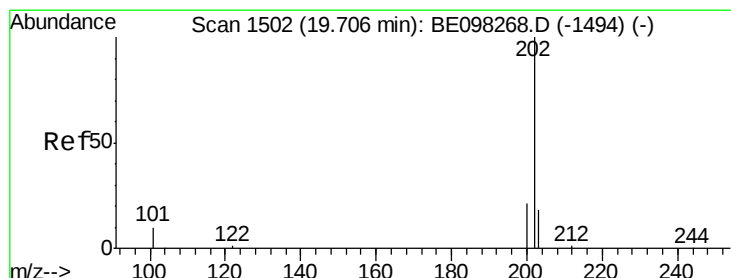
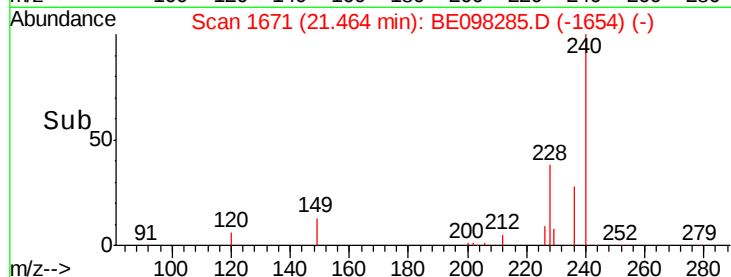
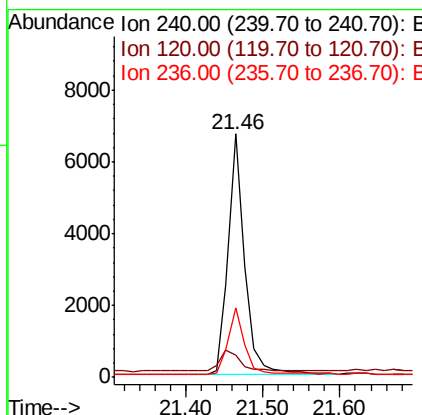
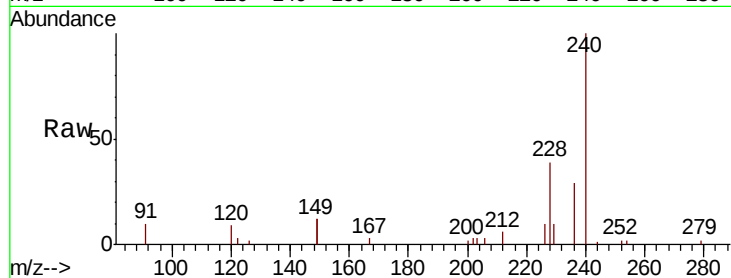




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BE098285.D
 Acq: 30 Nov 2018 13:05

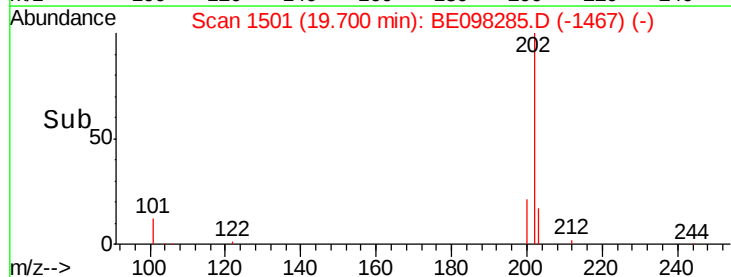
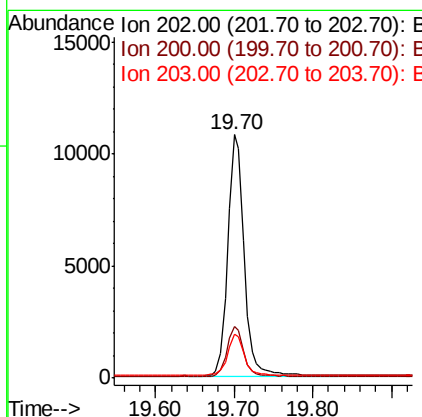
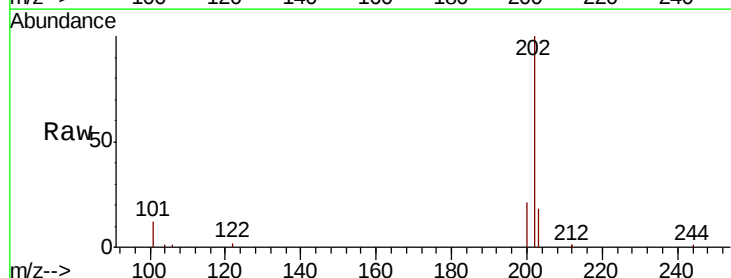
Instrument :
 BNA_G
 ClientSampleId :
 EP2-MW-101MSD

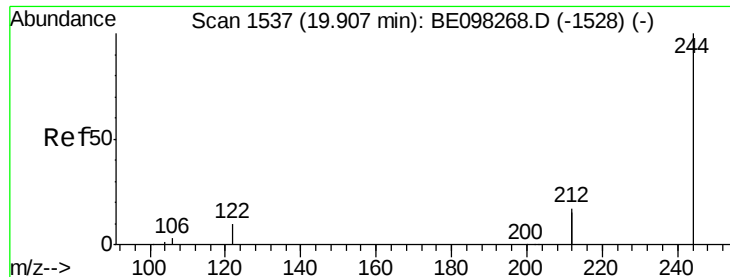
Tot Ion:240 Resp: 9980
 Ion Ratio Lower Upper
 240 100
 120 9.2 9.5 14.3#
 236 28.7 22.7 34.1



#28
 Pyrene
 Concen: 0.568 ng
 RT: 19.70 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BE098285.D
 Acq: 30 Nov 2018 13:05

Tgt Ion:202 Resp: 15690
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.7 25.1
 203 17.8 14.1 21.1





#29

Terphenyl-d14

Concen: 0.571 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

Instrument :

BNA_G

ClientSampleId :

EP2-MW-101MSD

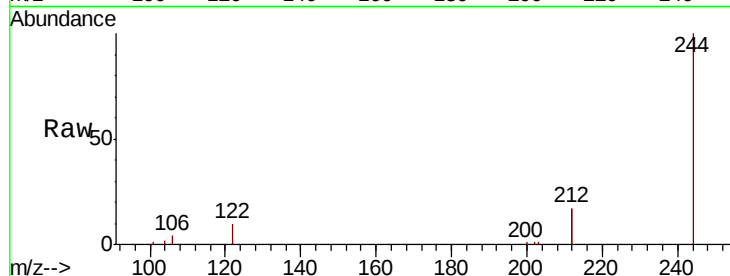
Tot Ion:244 Resp: 12817

Ion Ratio Lower Upper

244 100

212 33.9 27.4 41.0

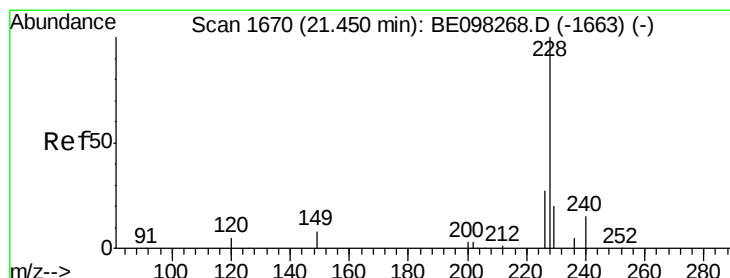
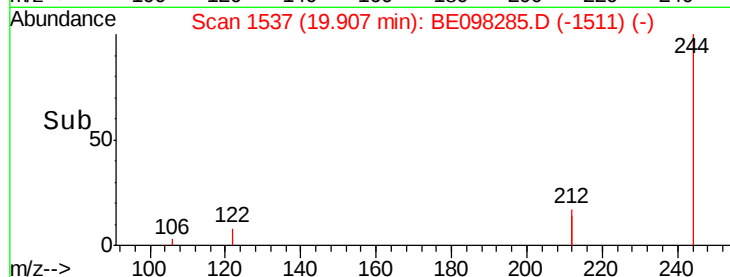
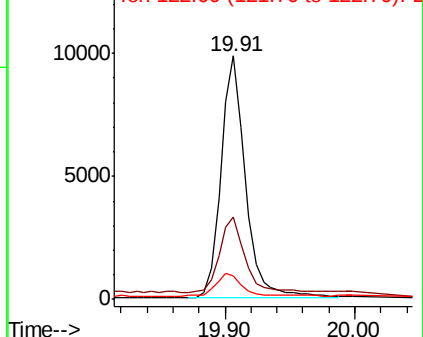
122 9.8 8.3 12.5



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: 0.523 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

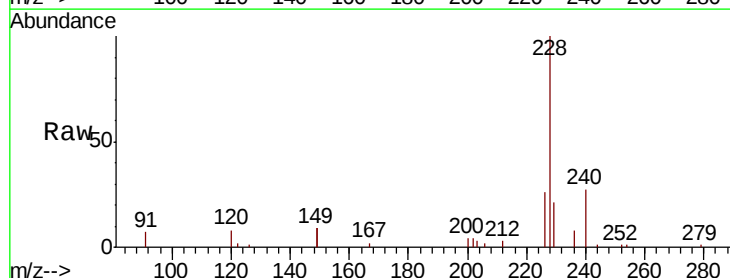
Tgt Ion:228 Resp: 15362

Ion Ratio Lower Upper

228 100

226 26.3 21.8 32.8

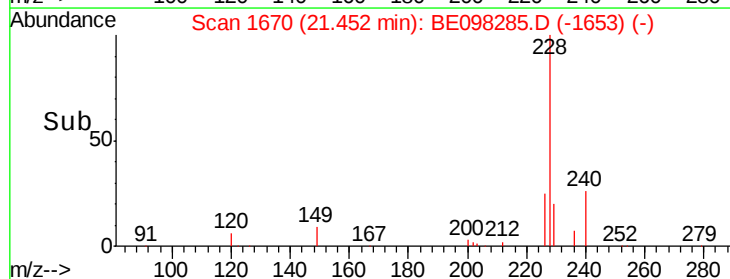
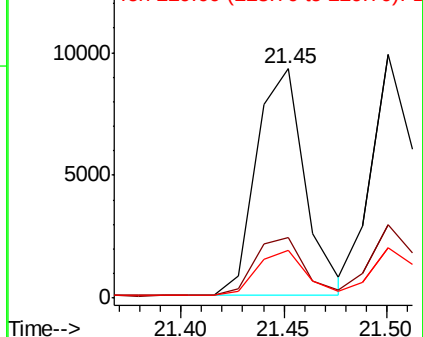
229 20.9 16.3 24.5

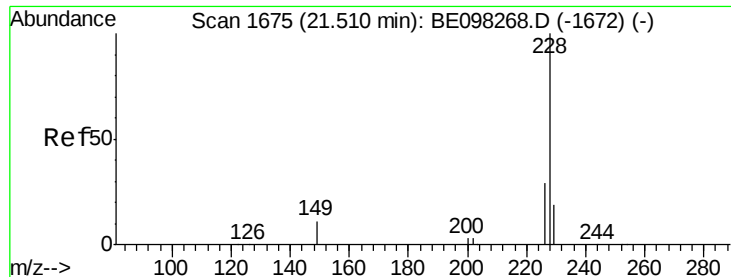


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.506 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

Instrument :

BNA_G

ClientSampleId :

EP2-MW-101MSD

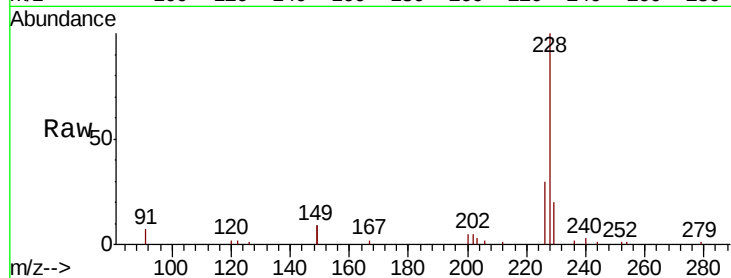
Tot Ion:228 Resp: 15098

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.0

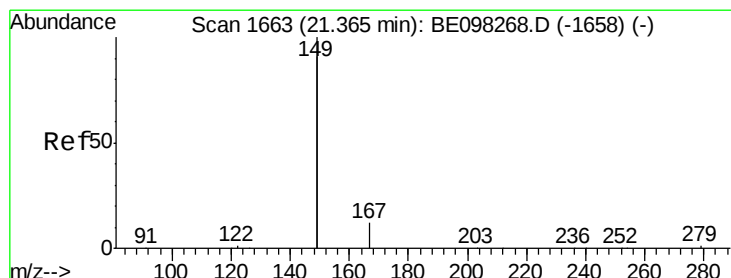
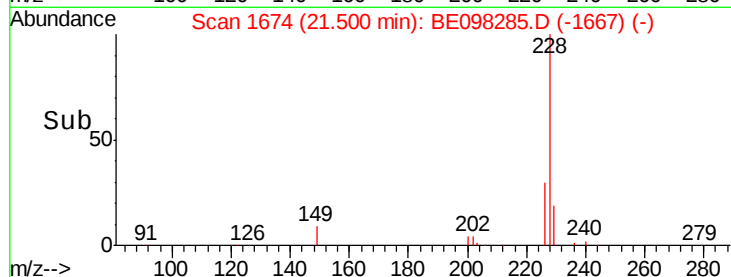
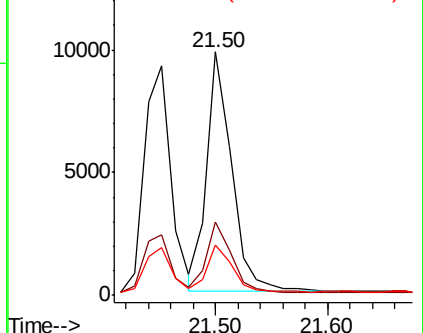
229 20.4 16.2 24.4



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: 0.564 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

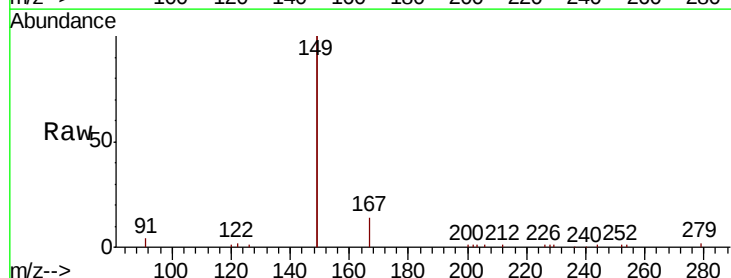
Tgt Ion:149 Resp: 39700

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

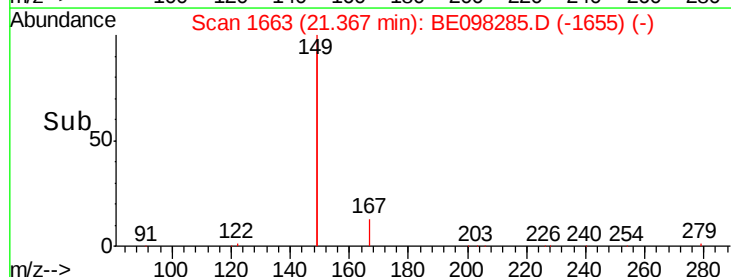
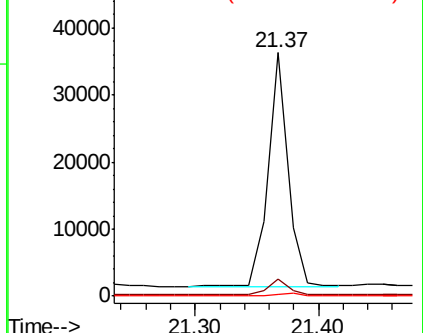
279 1.1 1.0 1.4

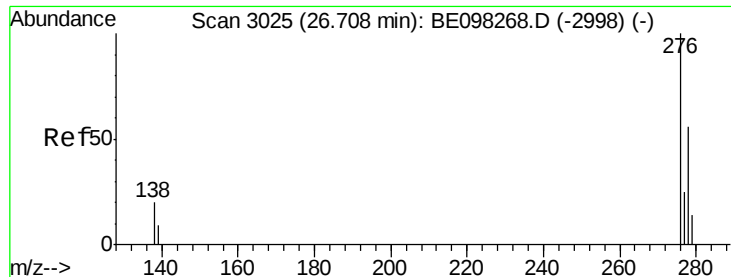


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.534 ng

RT: 26.71 min Scan# 3025

Delta R.T. 0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

Instrument :

BNA_G

ClientSampleId :

EP2-MW-101MSD

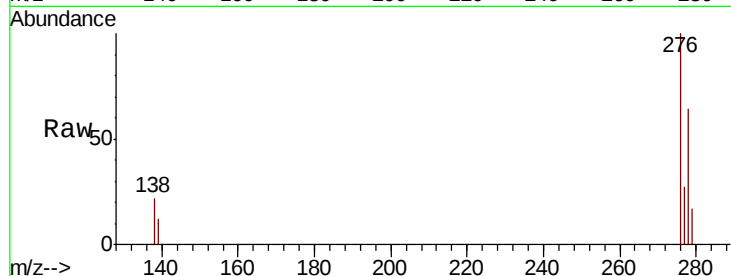
Tot Ion:276 Resp: 16110

Ion Ratio Lower Upper

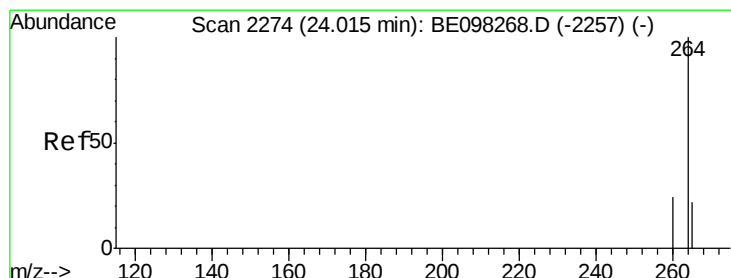
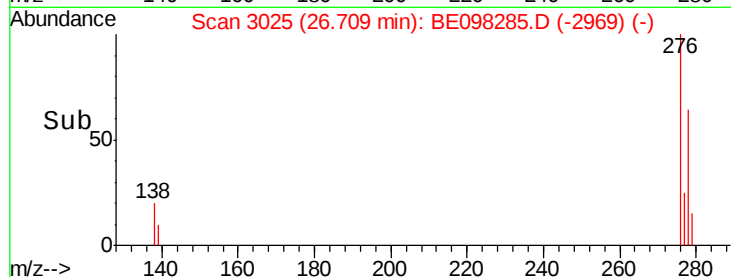
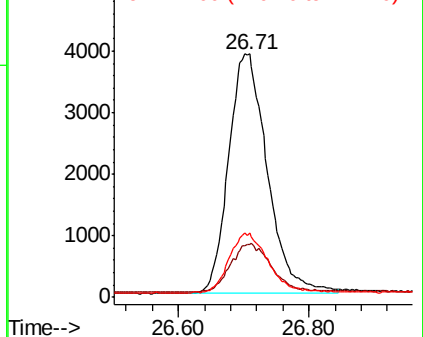
276 100

138 20.9 16.3 24.5

277 24.9 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

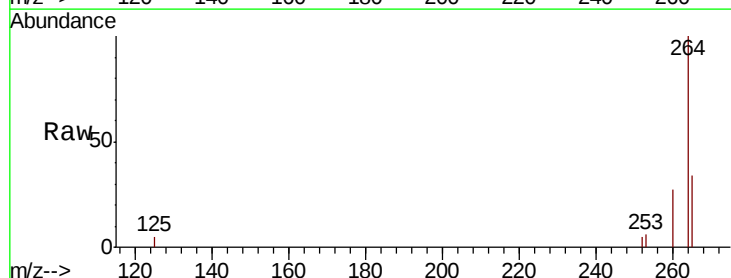
Tgt Ion:264 Resp: 9711

Ion Ratio Lower Upper

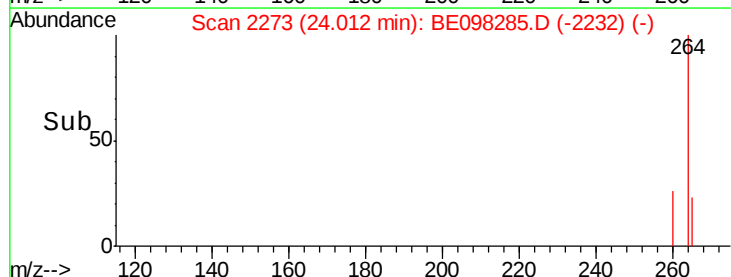
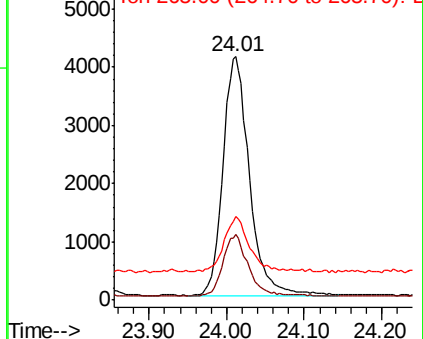
264 100

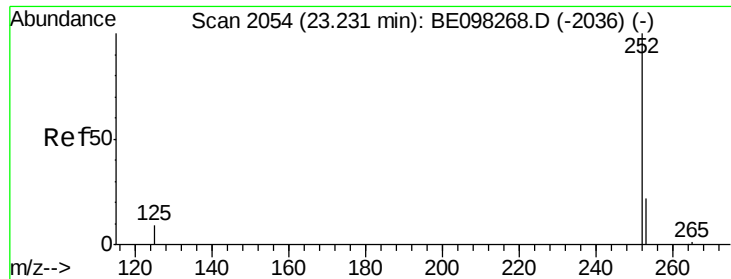
260 26.8 20.2 30.2

265 34.2 25.2 37.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.545 ng

RT: 23.28 min Scan# 2068

Delta R.T. 0.05 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

Instrument :

BNA_G

ClientSampleId :

EP2-MW-101MSD

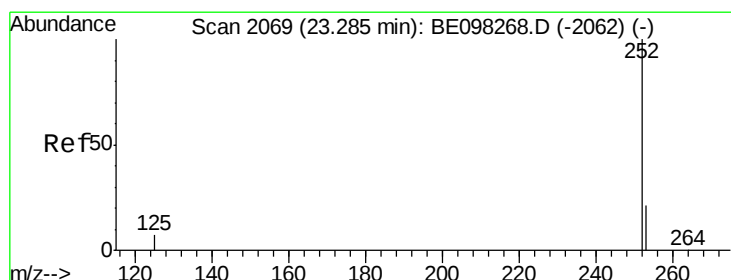
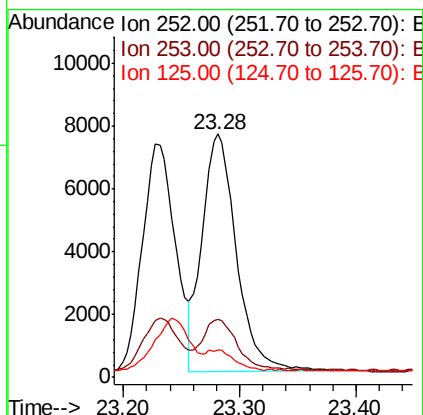
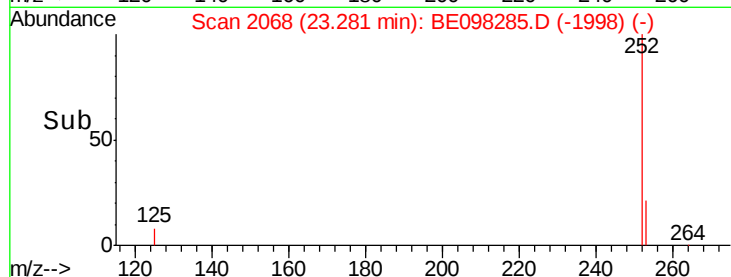
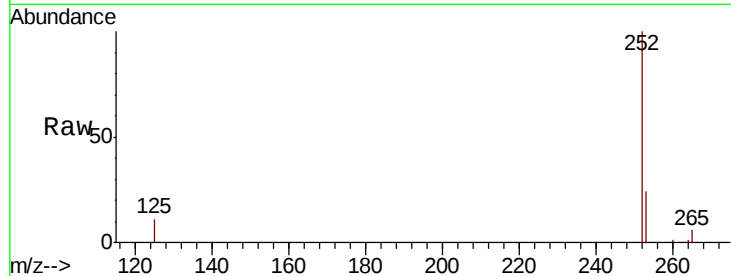
Tot Ion:252 Resp: 15510

Ion Ratio Lower Upper

252 100

253 24.0 20.0 30.0

125 11.0 9.6 14.4



#36

Benzo(k)fluoranthene

Concen: 0.519 ng

RT: 23.28 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BE098285.D

Acq: 30 Nov 2018 13:05

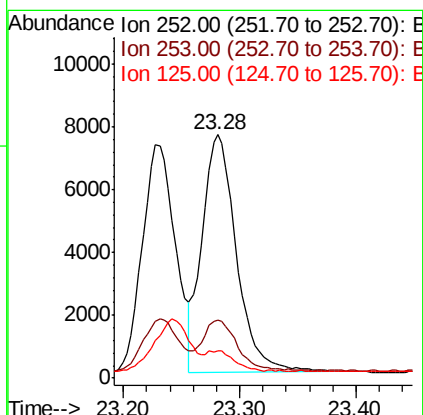
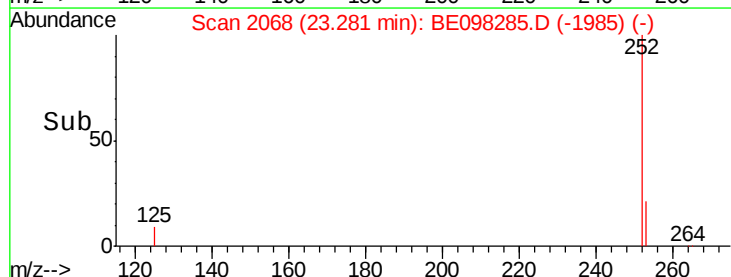
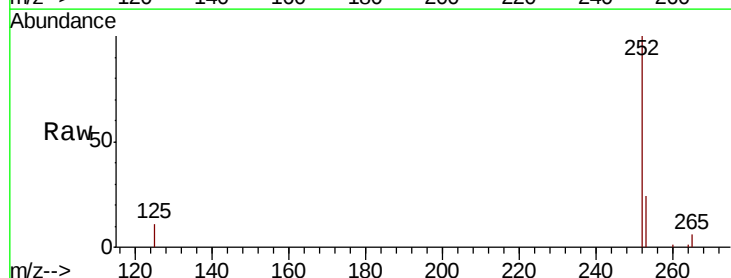
Tgt Ion:252 Resp: 15510

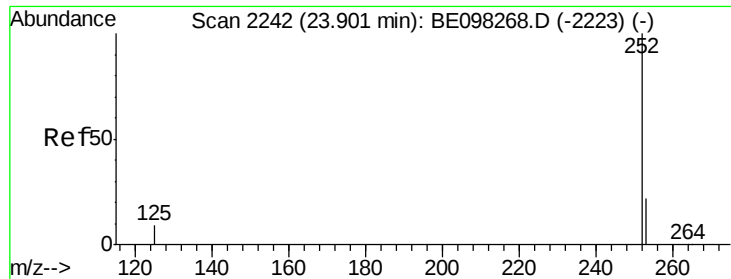
Ion Ratio Lower Upper

252 100

253 24.0 19.0 28.6

125 11.0 9.1 13.7

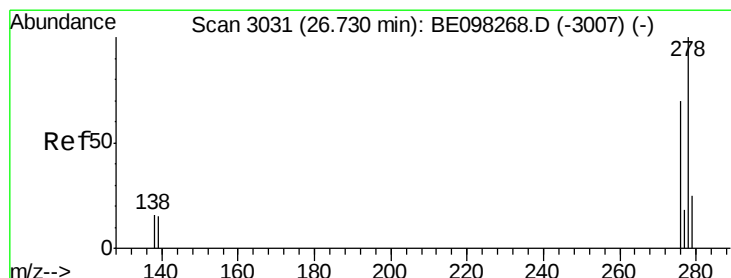
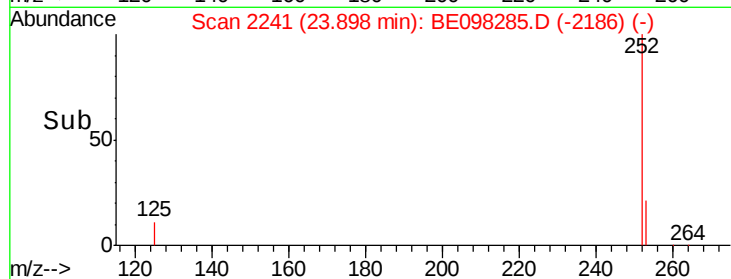
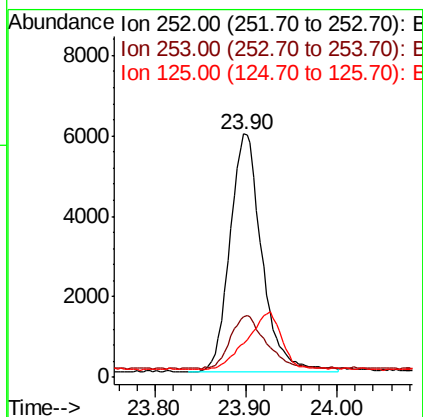
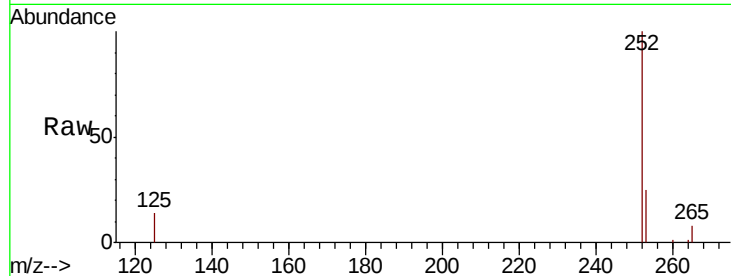




#37
Benzo(a)pyrene
Concen: 0.527 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098285.D
Acq: 30 Nov 2018 13:05

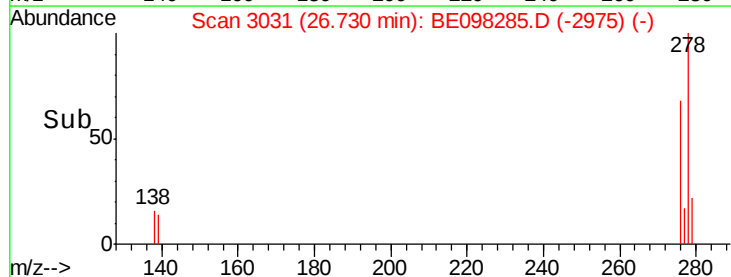
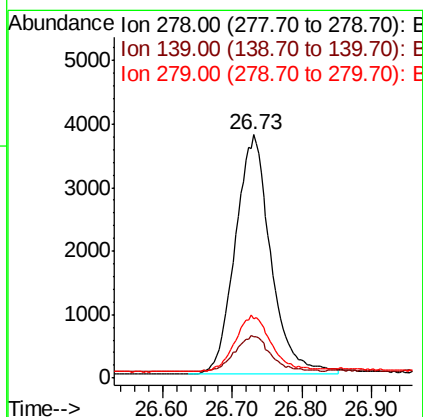
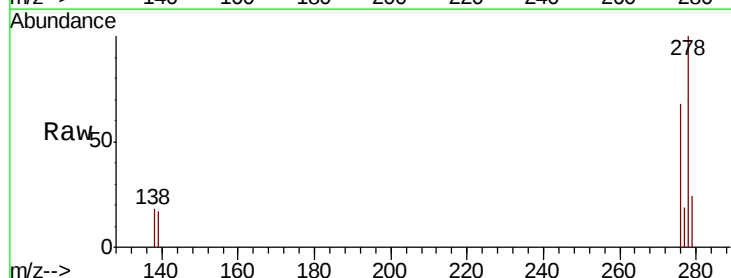
Instrument :
BNA_G
ClientSampleId :
EP2-MW-101MSD

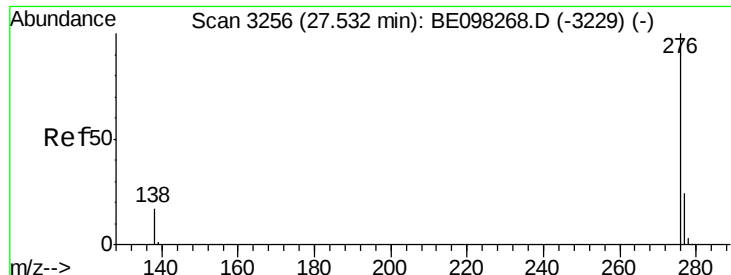
Tot Ion:252 Resp: 14461
Ion Ratio Lower Upper
252 100
253 24.7 20.6 30.8
125 13.8 10.5 15.7



#38
Dibenzo(a,h)anthracene
Concen: 0.512 ng
RT: 26.73 min Scan# 3031
Delta R.T. 0.00 min
Lab File: BE098285.D
Acq: 30 Nov 2018 13:05

Tgt Ion:278 Resp: 13320
Ion Ratio Lower Upper
278 100
139 16.9 14.5 21.7
279 24.3 21.8 32.8





#39

Benzo(a,h,i)perylene

Concen: 0.526 ng

RT: 27.52 min Scan# 3253

Delta R.T. -0.01 min

Lab File: BE098285.D

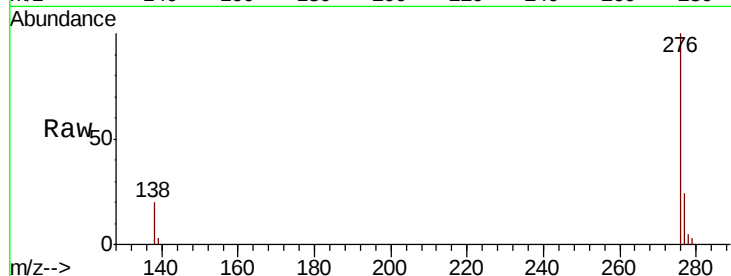
Acq: 30 Nov 2018 13:05

Instrument :

BNA_G

ClientSampleId :

EP2-MW-101MSD



Tot Ion:276 Resp: 13711

Ion Ratio Lower Upper

276 100

277 23.8 20.8 31.2

138 19.8 15.8 23.6

