

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100020.D
 Acq On : 14 Jun 2019 13:17
 Operator : JU/SJ
 Sample : K3284-07MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW10-20190609MSD

Quant Time: Jun 15 00:48:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	806	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2953	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2498	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	7617	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9633	0.40	ng	0.00
34) Perylene-d12	23.93	264	10883	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	465	0.21	ng	0.02
5) Phenol-d6	6.97	99	343	0.12	ng	0.00
8) Nitrobenzene-d5	8.96	82	1332	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2509	0.49	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	884	0.48	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	3940	0.42	ng	-0.01
25) Fluoranthene-d10	19.25	212	45230	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	10848	0.63	ng	0.00

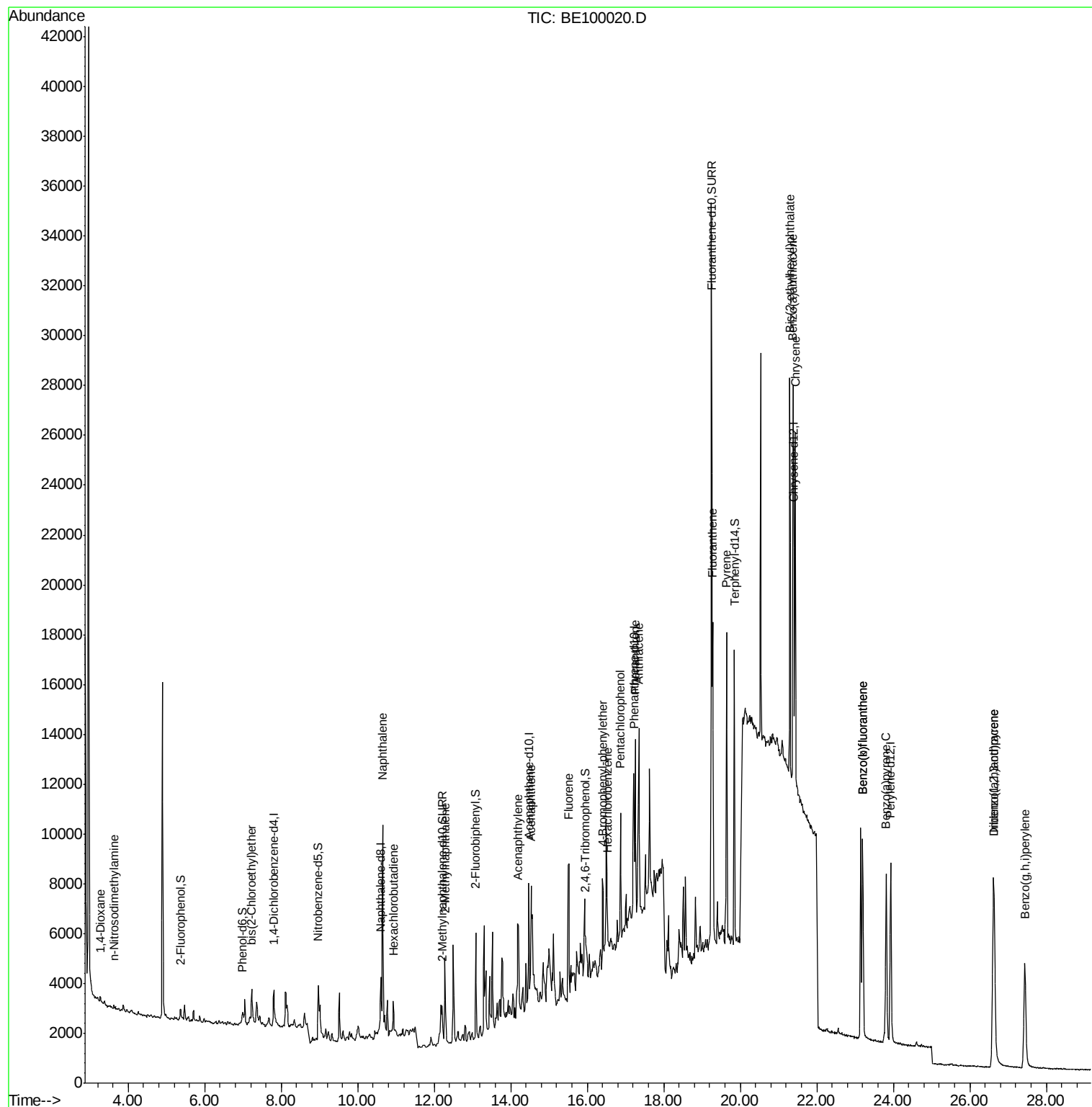
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	216	0.181	ng	# 55
3) n-Nitrosodimethylamine	3.62	42	89	0.129	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	784	0.342	ng	82
9) Naphthalene	10.65	128	14432	0.453	ng	99
10) Hexachlorobutadiene	10.93	225	1000	0.411	ng	99
12) 2-Methylnaphthalene	12.28	142	2316	0.447	ng	97
16) Acenaphthylene	14.20	152	4695	0.378	ng	# 96
17) Acenaphthene	14.53	154	2611	0.386	ng	97
18) Fluorene	15.51	166	4250	0.418	ng	# 97
20) 4-Bromophenyl-phenylether	16.41	248	1765	0.409	ng	# 82
21) Hexachlorobenzene	16.52	284	1663	0.377	ng	93
22) Pentachlorophenol	16.87	266	2469	1.463	ng	# 82
23) Phenanthrene	17.25	178	7255	0.393	ng	# 89
24) Anthracene	17.35	178	7785	0.459	ng	# 91
26) Fluoranthene	19.28	202	11636	0.370	ng	97
28) Pyrene	19.64	202	11993	0.474	ng	96
30) Benzo(a)anthracene	21.38	228	13789	0.479	ng	95
31) Chrysene	21.44	228	12868	0.432	ng	95
32) Bis(2-ethylhexyl)phthalate	21.29	149	19138	0.463	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.61	276	14159	0.401	ng	99
35) Benzo(b)fluoranthene	23.20	252	12753	0.418	ng	94
36) Benzo(k)fluoranthene	23.20	252	12753	0.400	ng	# 94
37) Benzo(a)pyrene	23.81	252	11951	0.398	ng	# 95
38) Dibenzo(a,h)anthracene	26.64	278	11432	0.378	ng	94
39) Benzo(g,h,i)perylene	27.43	276	11949	0.382	ng	99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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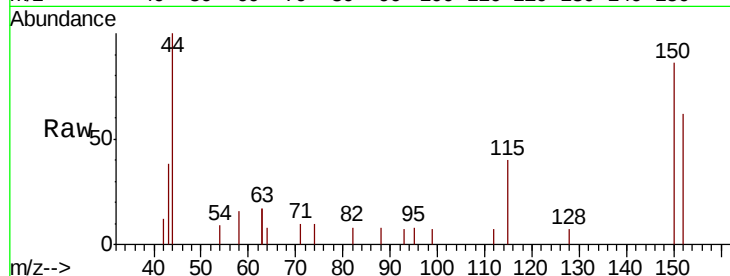


#1

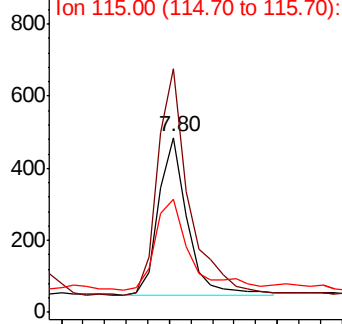
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MSD

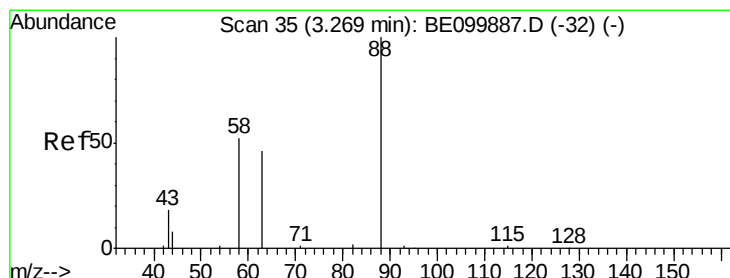
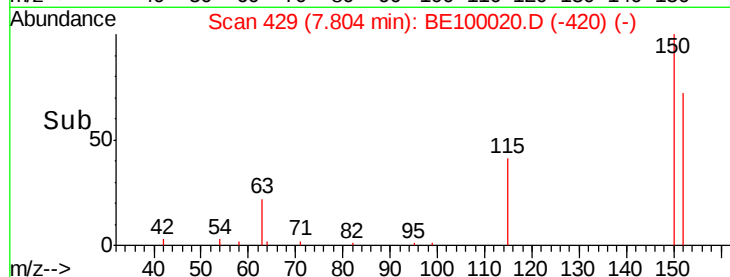
Tgt Ion: 152 Resp: 806
Ion Ratio Lower Upper
152 100
150 139.4 111.0 166.6
115 64.9 50.7 76.1



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



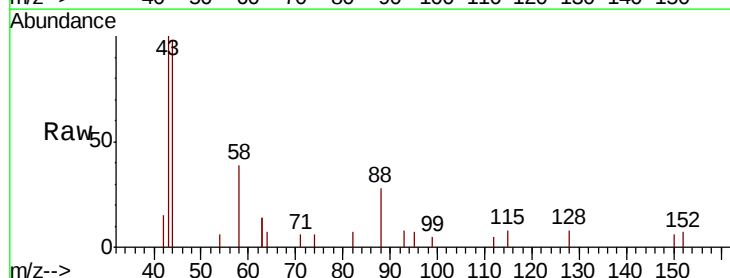
Time--> 7.70 7.80 7.90



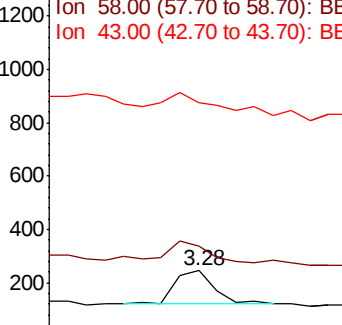
#2

1,4-Dioxane
Concen: 0.181 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

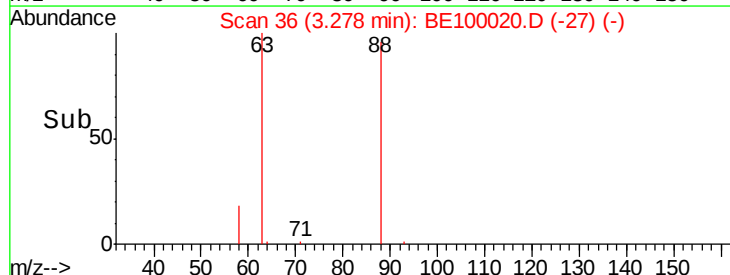
Tgt Ion: 88 Resp: 216
Ion Ratio Lower Upper
88 100
58 71.8 48.8 73.2
43 85.6 19.0 28.6#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1



Time--> 3.20 3.25 3.30 3.35





#3

n-Nitrosodimethylamine

Concen: 0.129 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

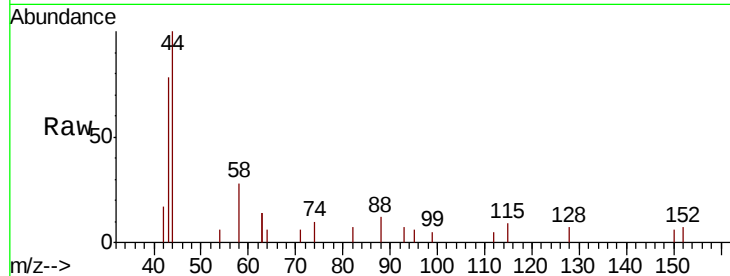
Tgt Ion: 42 Resp: 89

Ion Ratio Lower Upper

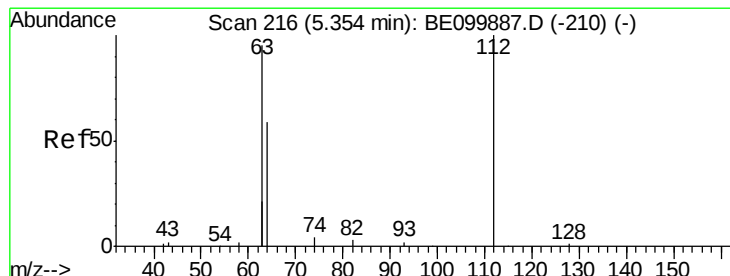
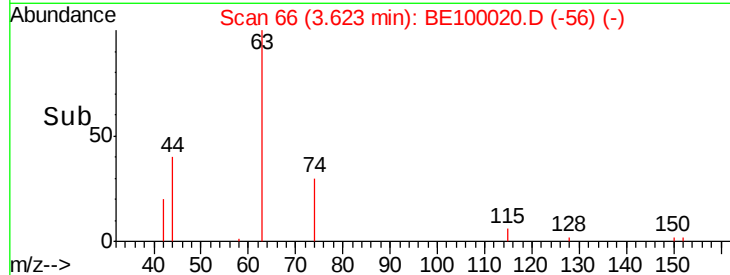
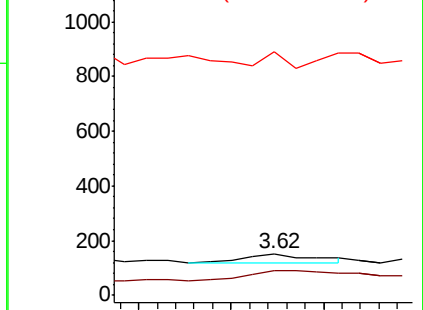
42 100

74 131.5 0.0 0.0#

44 49.4 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.214 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.02 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

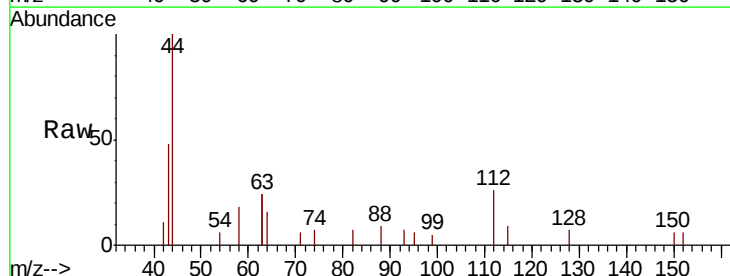
Tgt Ion: 112 Resp: 465

Ion Ratio Lower Upper

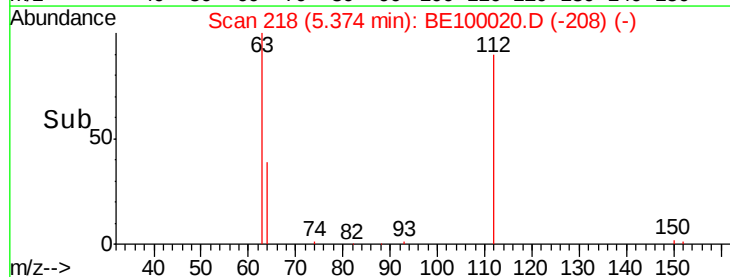
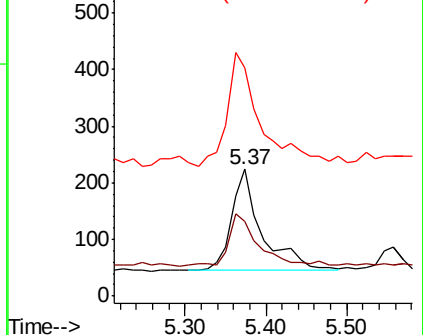
112 100

64 51.6 44.1 66.1

63 125.8 87.8 131.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.122 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

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BP-TT-AOC22-MW10-20190609MSD

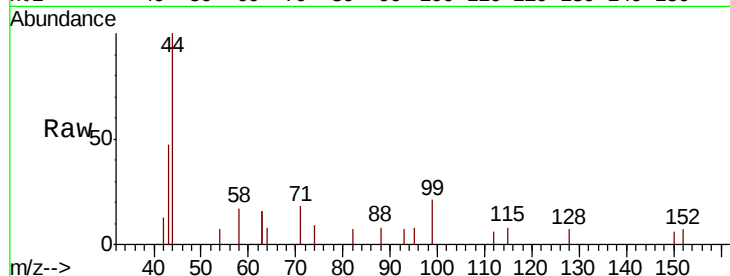
Tgt Ion: 99 Resp: 343

Ion Ratio Lower Upper

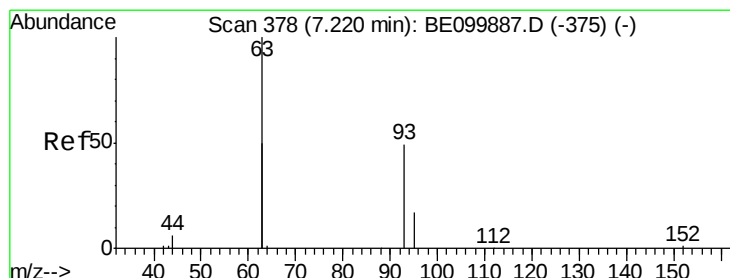
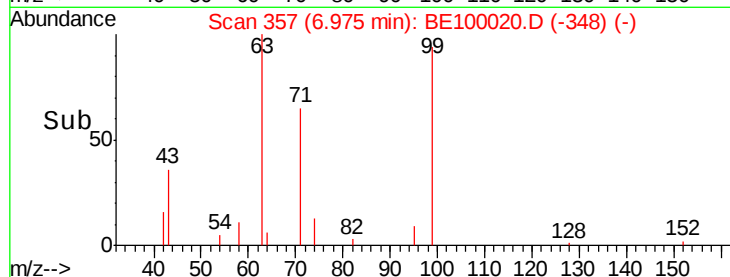
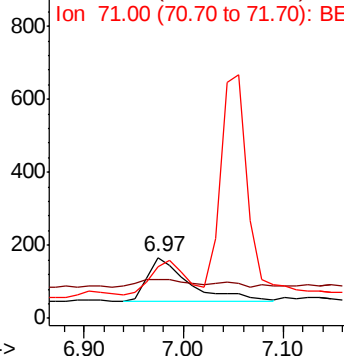
99 100

42 24.5 15.9 23.9#

71 67.9 34.6 52.0#



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.342 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

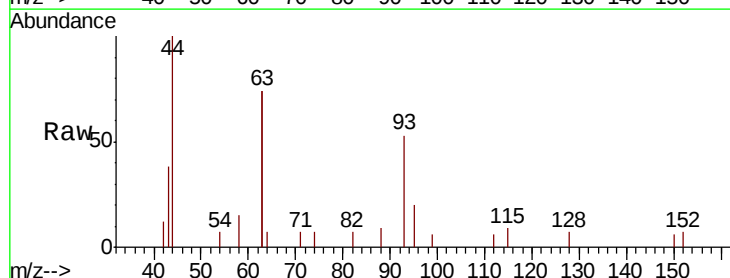
Tgt Ion: 93 Resp: 784

Ion Ratio Lower Upper

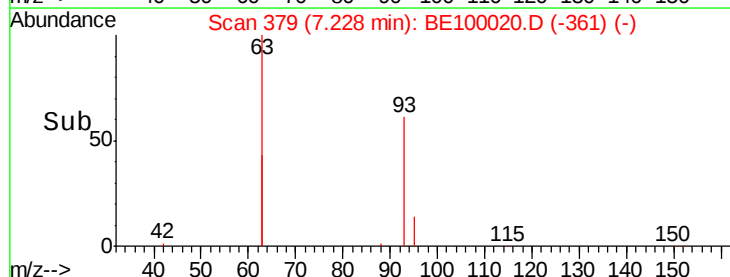
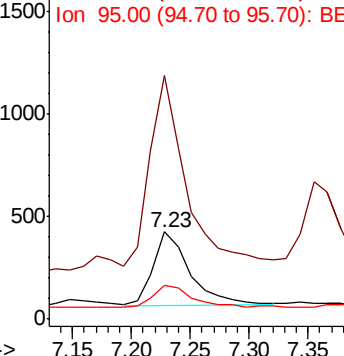
93 100

63 286.5 202.8 304.2

95 33.8 23.7 35.5



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

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BP-TT-AOC22-MW10-20190609MSD

Tgt Ion: 136 Resp: 2953

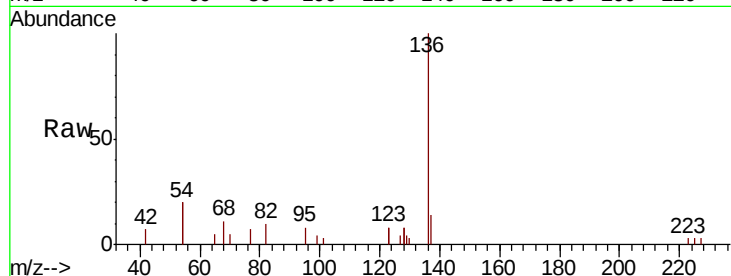
Ion Ratio Lower Upper

136 100

137 13.7 12.3 18.5

54 40.7 28.2 42.4

68 11.2 7.8 11.8

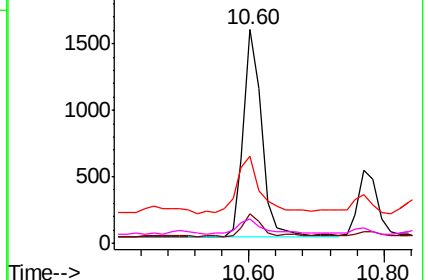
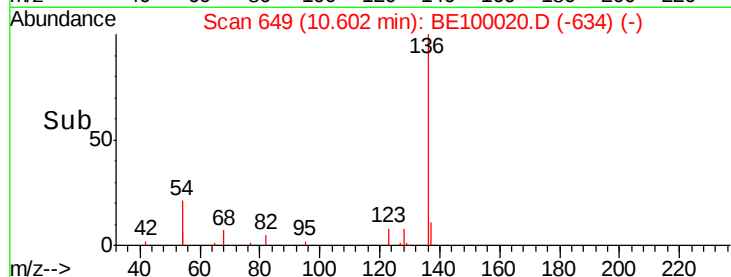


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.476 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

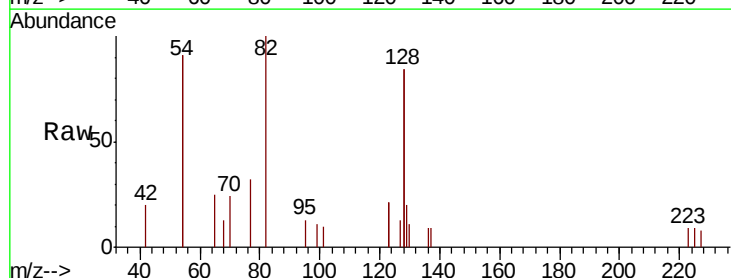
Tgt Ion: 82 Resp: 1332

Ion Ratio Lower Upper

82 100

128 168.5 137.3 205.9

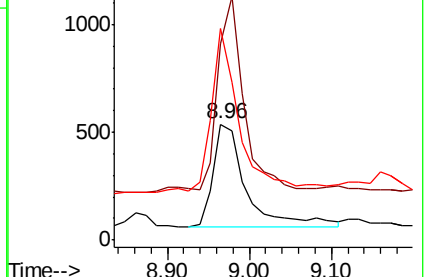
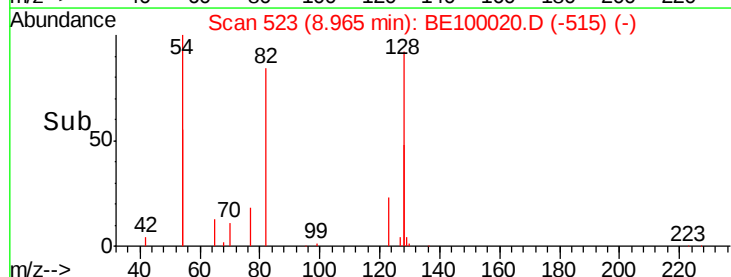
54 182.2 129.7 194.5

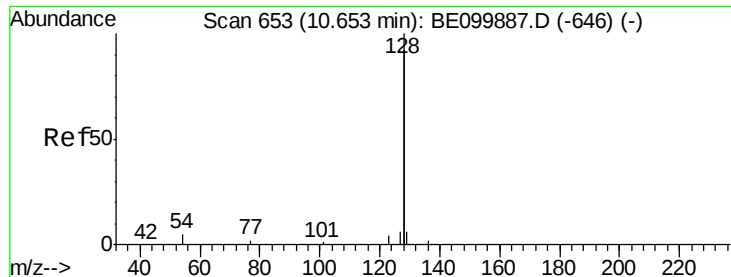


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.453 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

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ClientSampleId :

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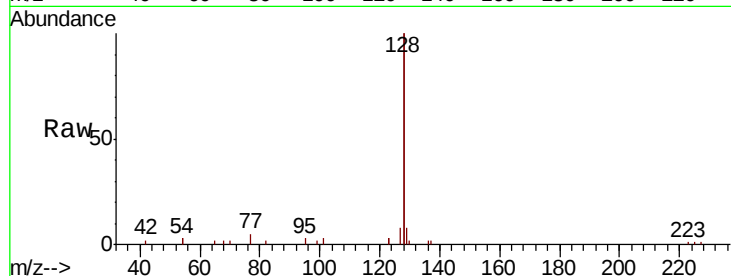
Tgt Ion:128 Resp: 14432

Ion Ratio Lower Upper

128 100

129 3.9 3.0 4.6

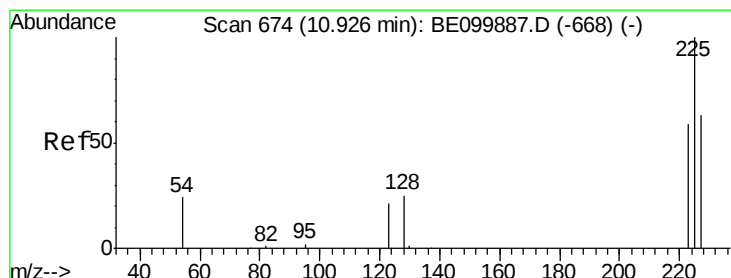
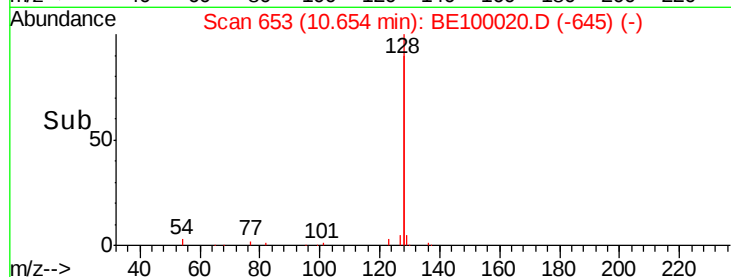
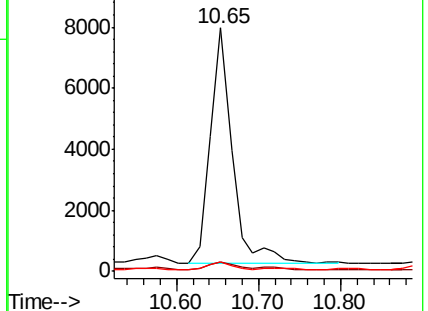
127 3.8 3.4 5.0



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: 0.411 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

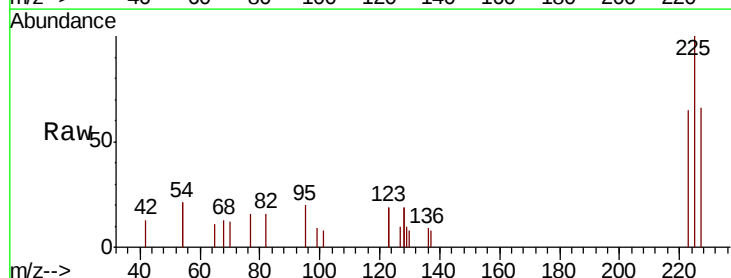
Tgt Ion:225 Resp: 1000

Ion Ratio Lower Upper

225 100

223 62.9 51.6 77.4

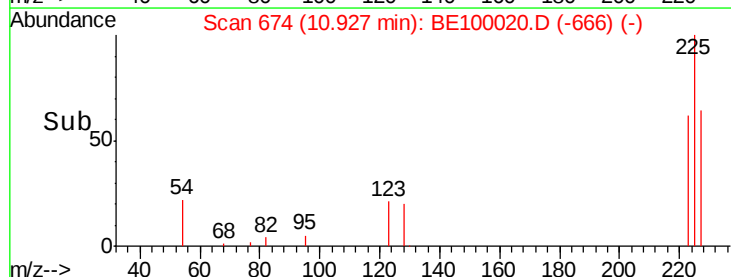
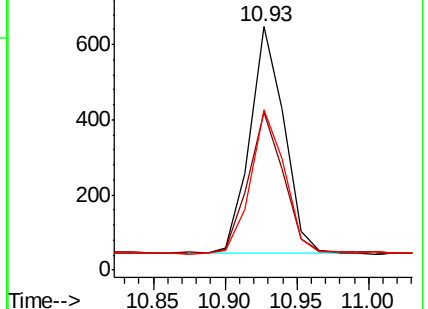
227 63.4 50.6 76.0

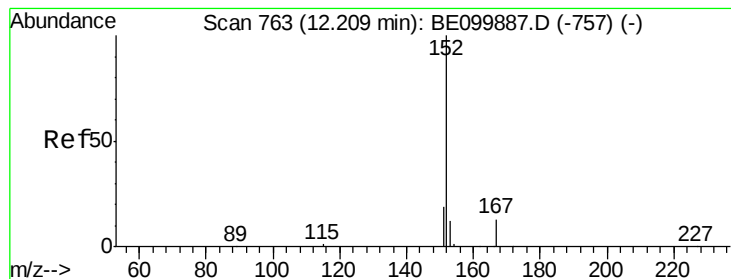


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.487 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

ClientSampleId :

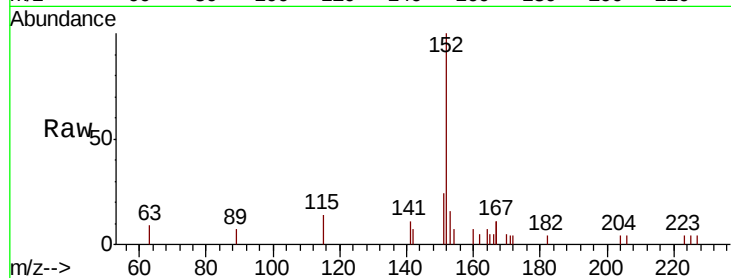
BP-TT-AOC22-MW10-20190609MSD

Tgt Ion:152 Resp: 2509

Ion Ratio Lower Upper

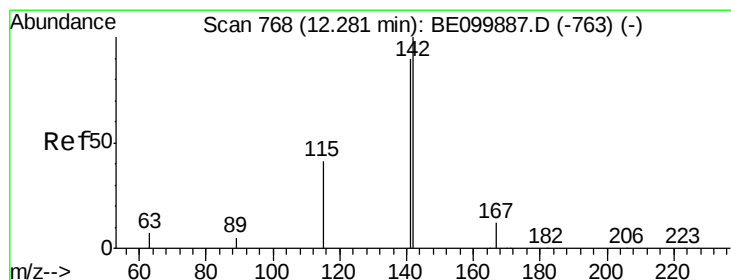
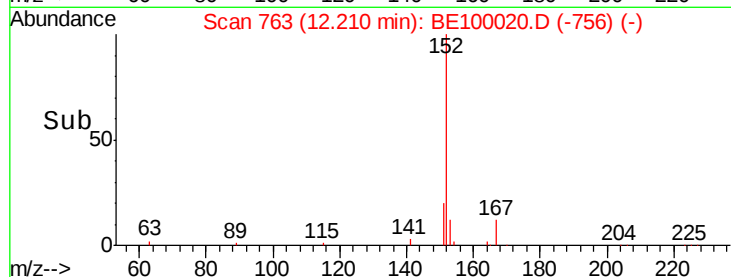
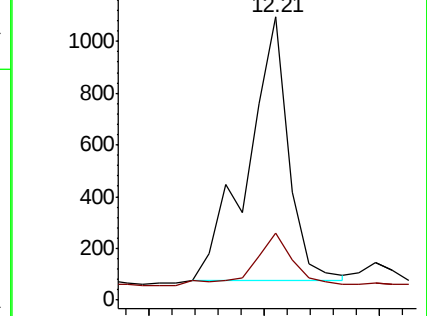
152 100

151 19.3 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.447 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

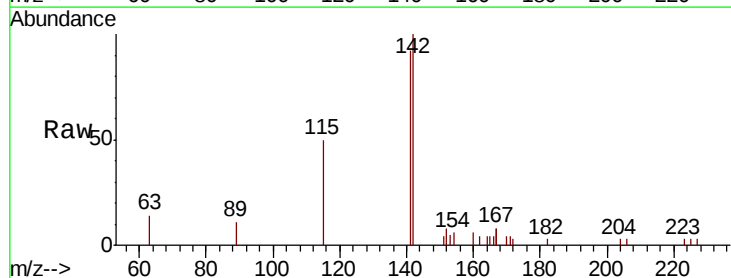
Tgt Ion:142 Resp: 2316

Ion Ratio Lower Upper

142 100

141 91.9 72.3 108.5

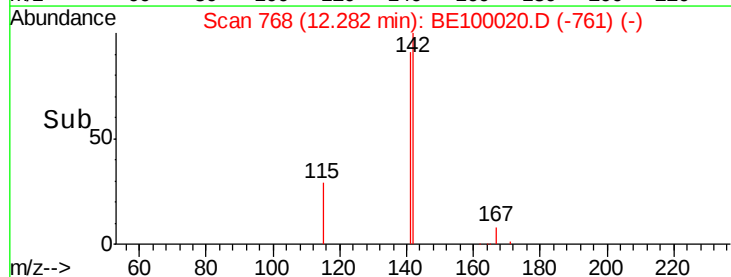
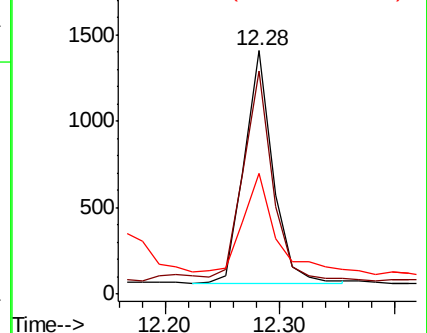
115 49.8 36.4 54.6

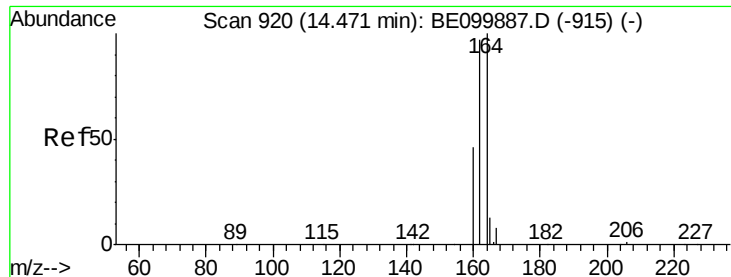


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

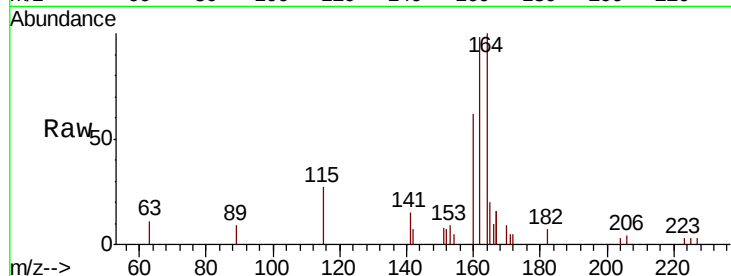




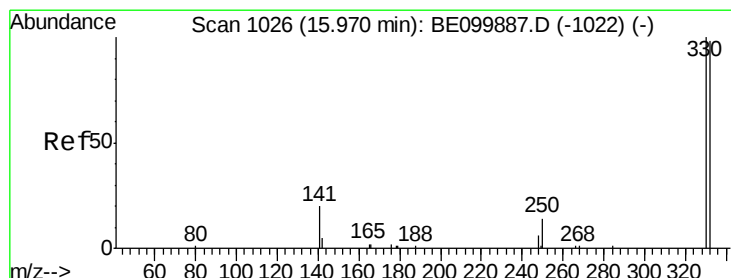
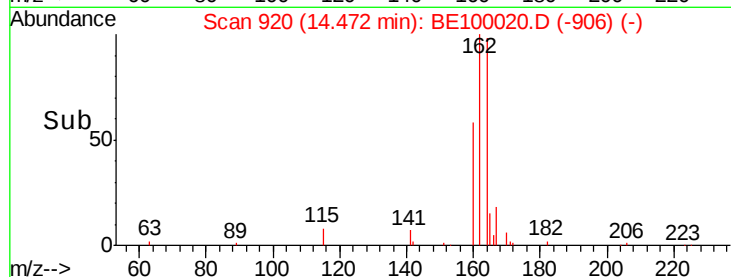
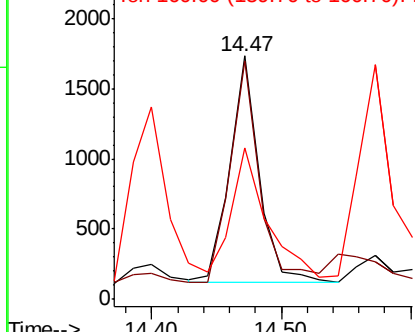
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MSD

Tgt Ion:164 Resp: 2498
Ion Ratio Lower Upper
164 100
162 98.0 77.8 116.8
160 62.1 38.2 57.4#

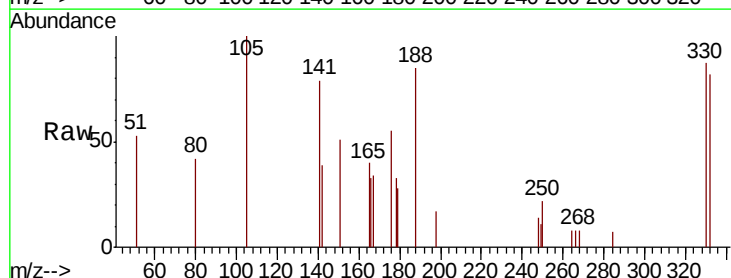


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

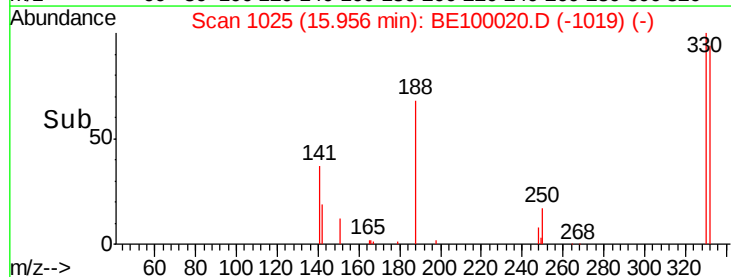
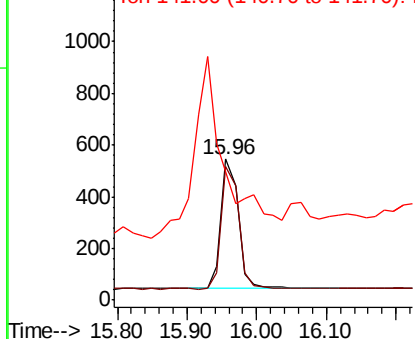


#14
2,4,6-Tribromophenol
Concen: 0.479 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Tgt Ion:330 Resp: 884
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 0.0 21.0 31.6#



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

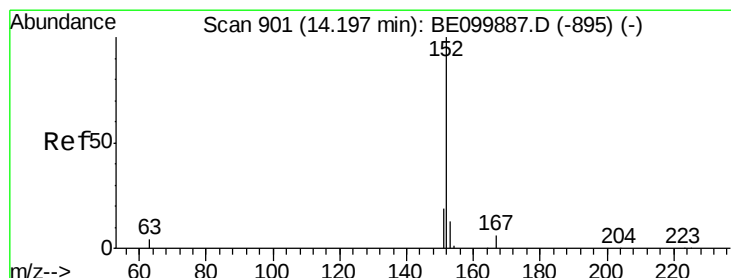
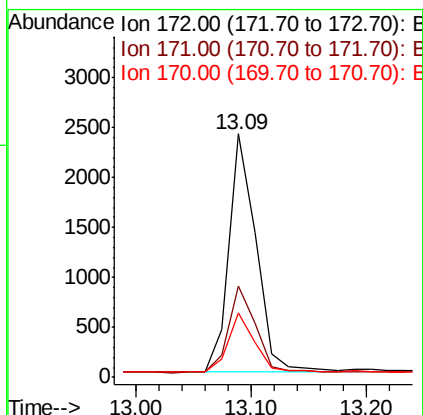
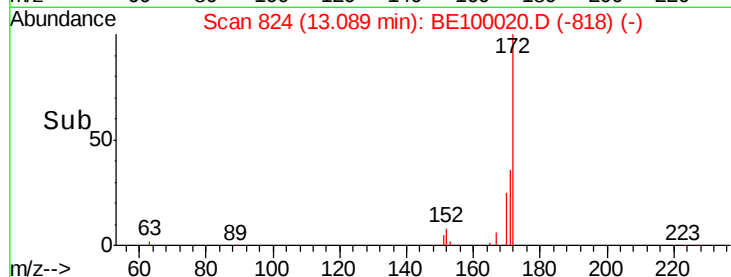
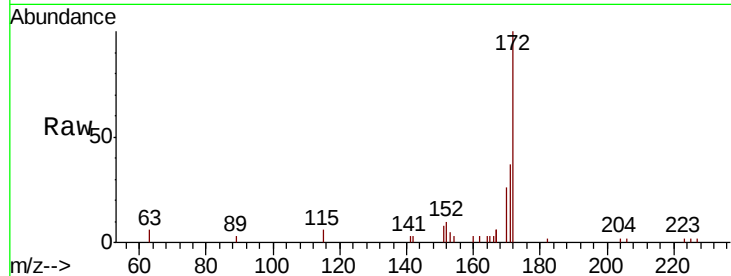




#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

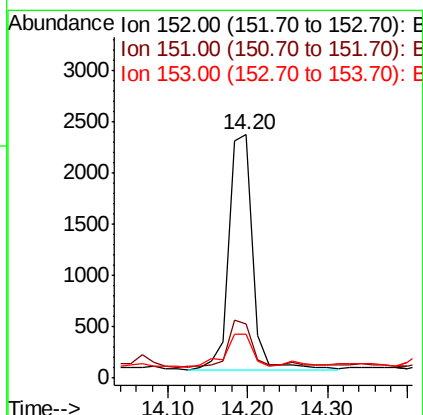
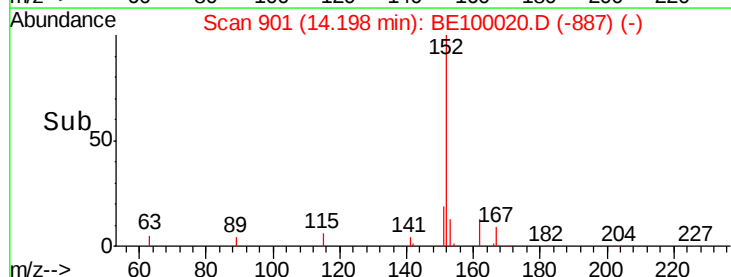
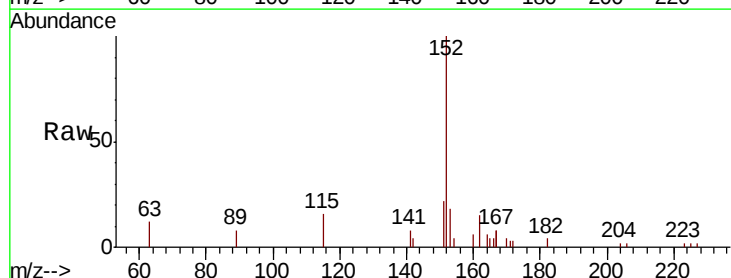
Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MSD

Tgt Ion:172 Resp: 3940
Ion Ratio Lower Upper
172 100
171 37.3 29.2 43.8
170 26.3 21.2 31.8



#16
Acenaphthylene
Concen: 0.378 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Tgt Ion:152 Resp: 4695
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 16.1 10.2 15.2#

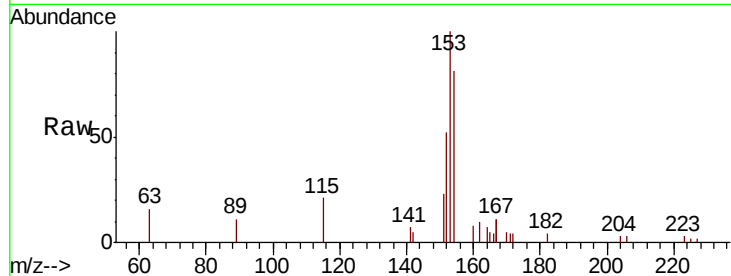




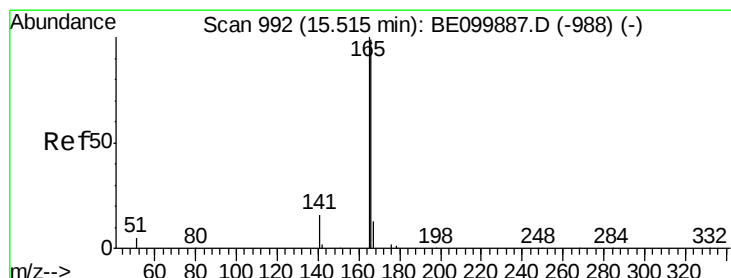
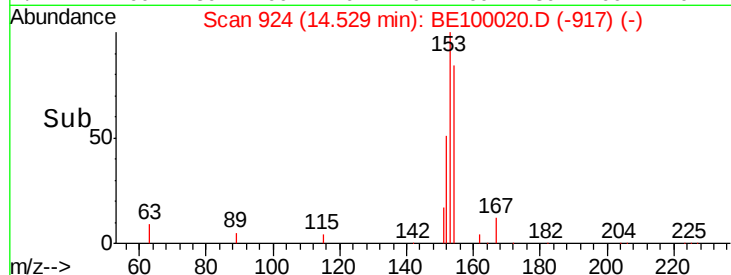
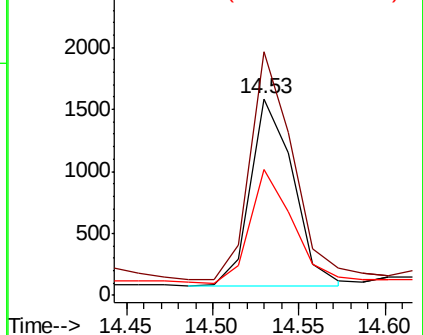
#17
Acenaphthene
Concen: 0.386 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MSD

Tgt Ion:154 Resp: 2611
Ion Ratio Lower Upper
154 100
153 121.0 93.1 139.7
152 59.9 47.0 70.4

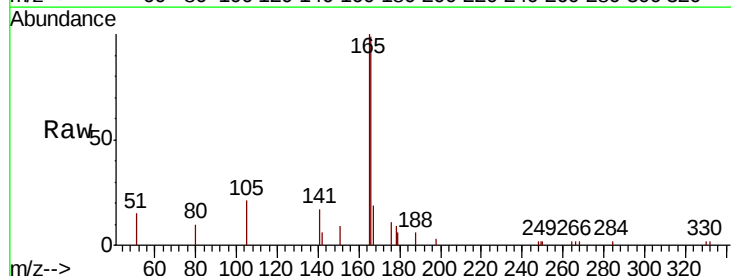


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

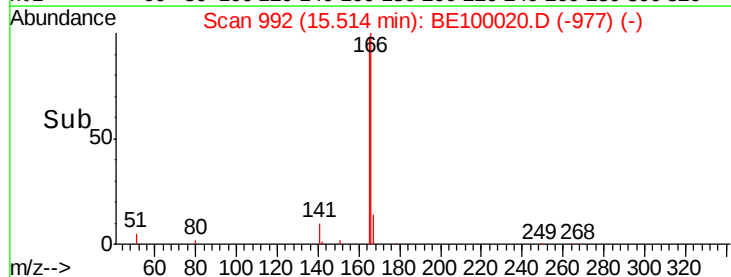
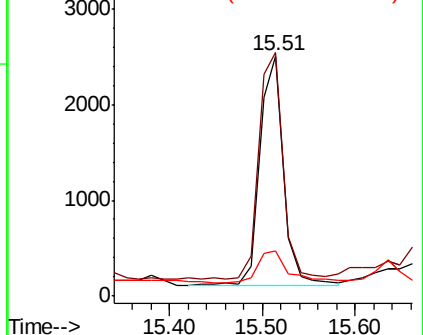


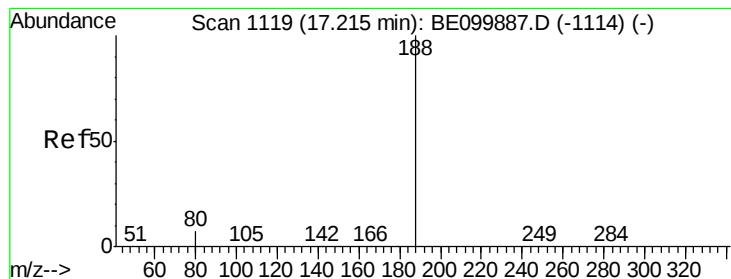
#18
Fluorene
Concen: 0.418 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Tgt Ion:166 Resp: 4250
Ion Ratio Lower Upper
166 100
165 100.7 81.8 122.8
167 19.1 11.2 16.8#



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

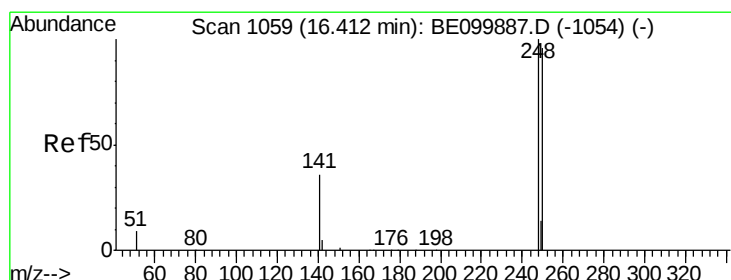
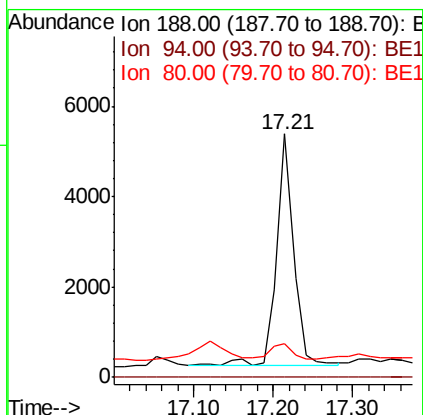
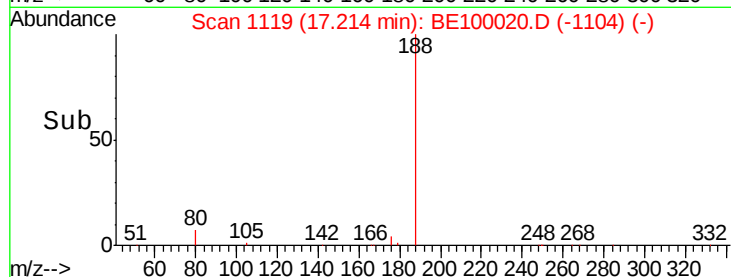
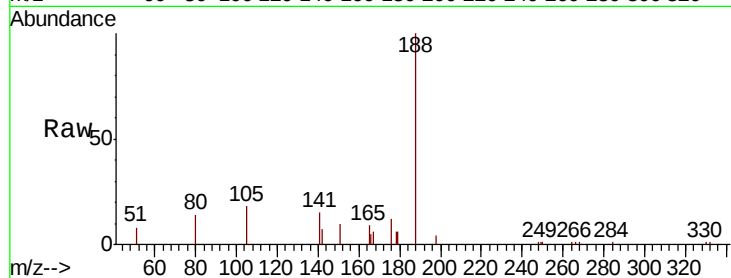
Tgt Ion:188 Resp: 7617

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.1 6.4 9.6#



#20

4-Bromophenyl-phenylether

Concen: 0.409 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

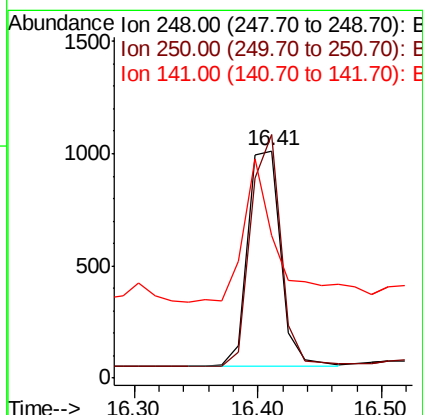
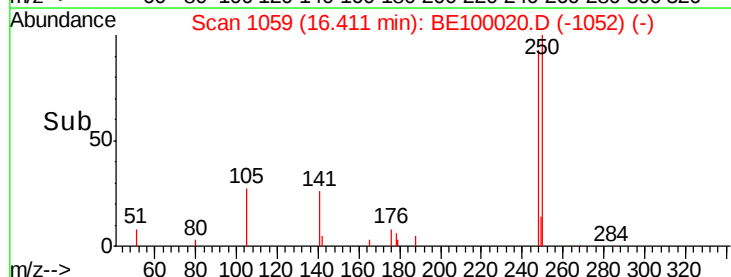
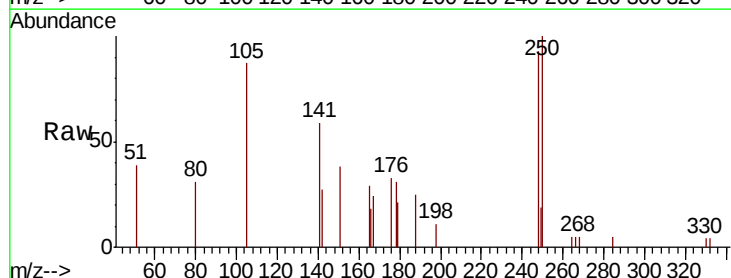
Tgt Ion:248 Resp: 1765

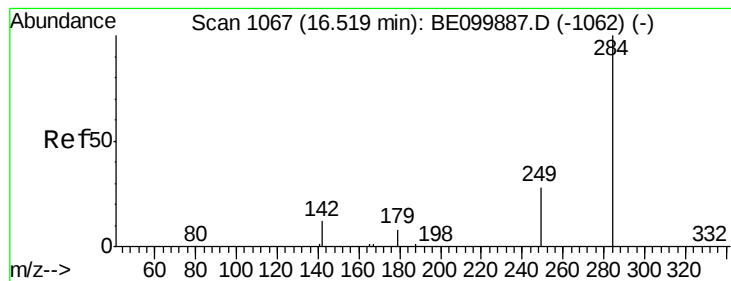
Ion Ratio Lower Upper

248 100

250 107.0 77.5 116.3

141 62.6 31.8 47.8#





#21

Hexachlorobenzene

Concen: 0.377 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

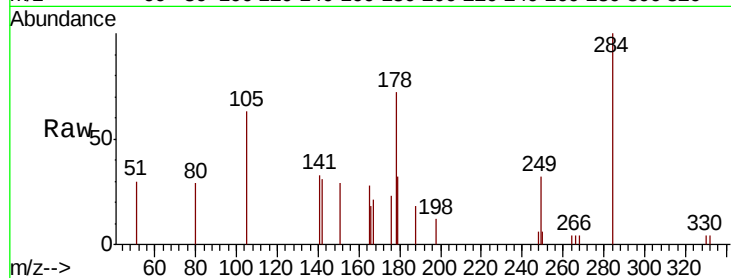
Tgt Ion:284 Resp: 1663

Ion Ratio Lower Upper

284 100

142 27.1 18.2 27.4

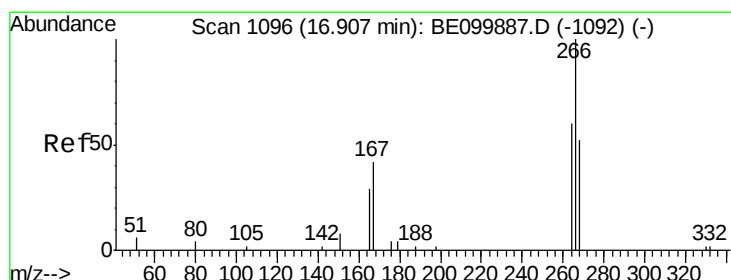
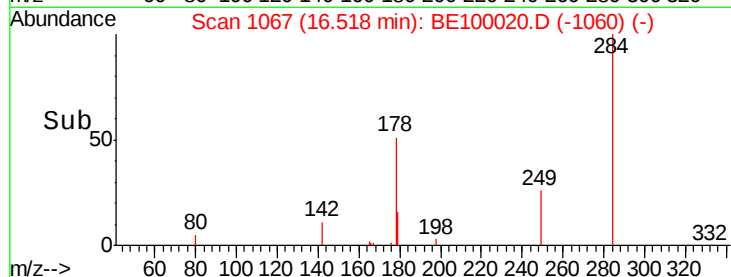
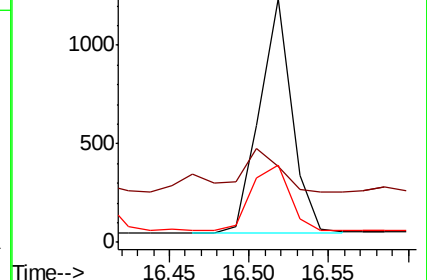
249 33.5 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 1.463 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

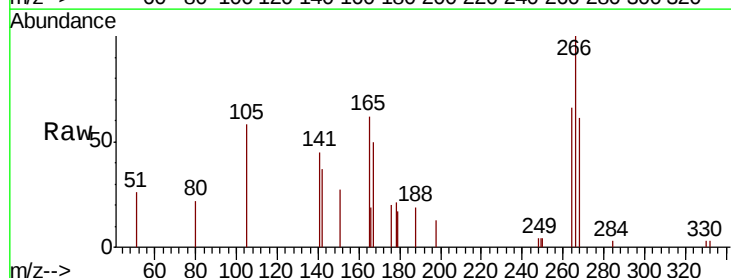
Tgt Ion:266 Resp: 2469

Ion Ratio Lower Upper

266 100

264 65.7 62.2 93.2

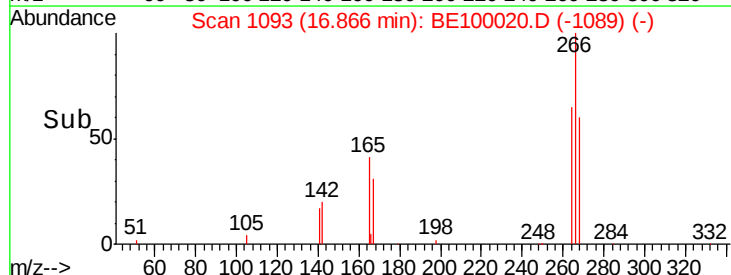
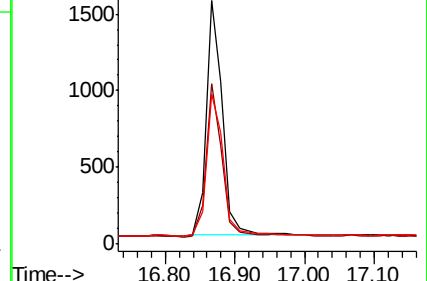
268 61.5 65.5 98.3#

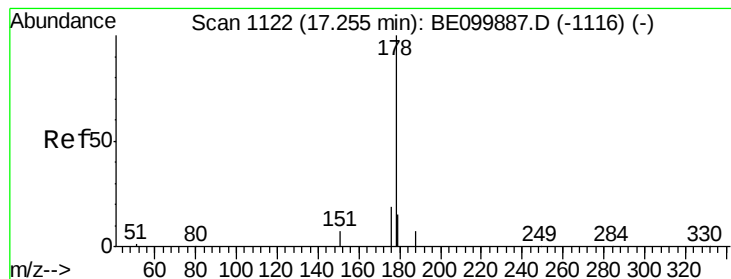


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.393 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

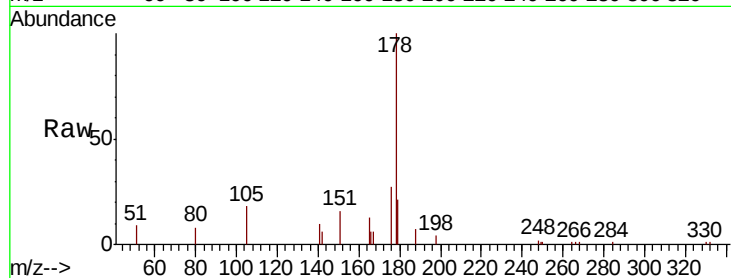
Tgt Ion:178 Resp: 7255

Ion Ratio Lower Upper

178 100

176 28.5 15.8 23.8#

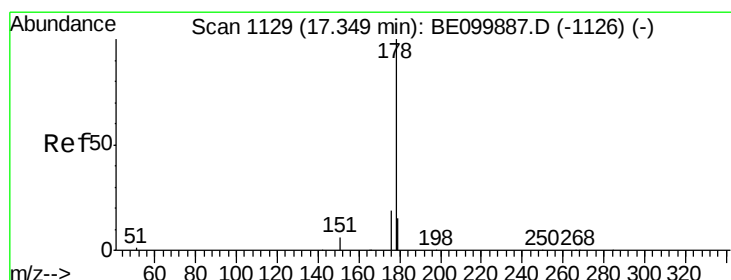
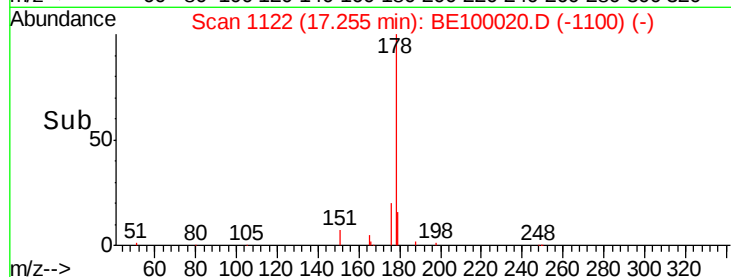
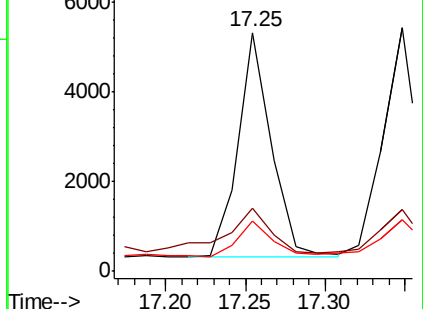
179 15.8 12.4 18.6



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: 0.459 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

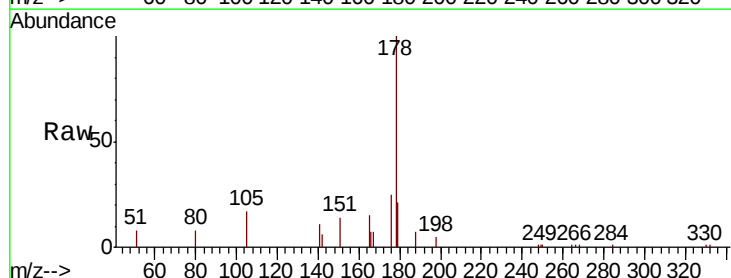
Tgt Ion:178 Resp: 7785

Ion Ratio Lower Upper

178 100

176 25.6 14.6 22.0#

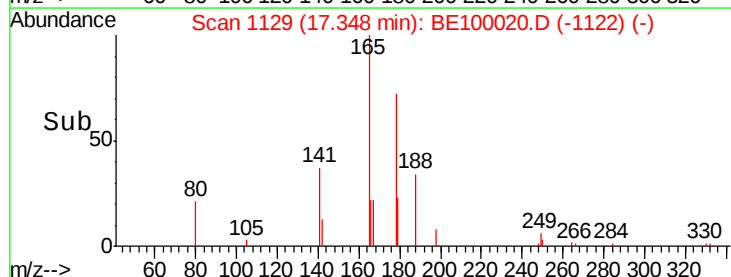
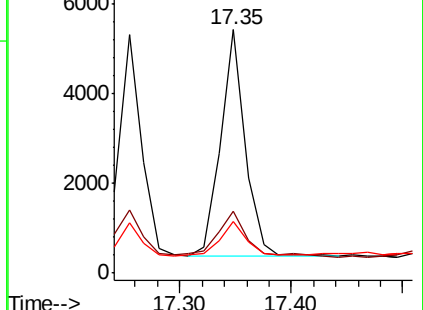
179 15.7 12.3 18.5

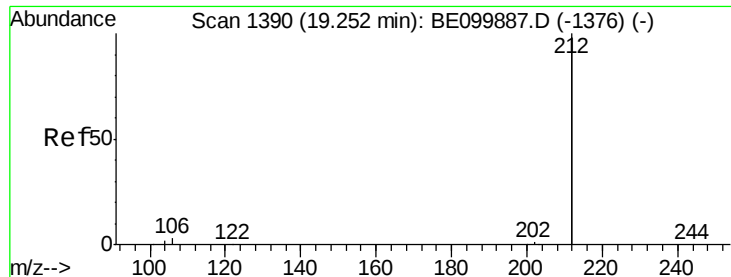


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.408 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

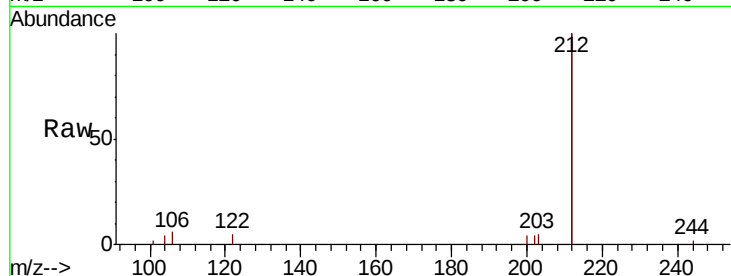
Tgt Ion:212 Resp: 45230

Ion Ratio Lower Upper

212 100

106 1.5 1.4 2.2

104 1.1 0.9 1.3

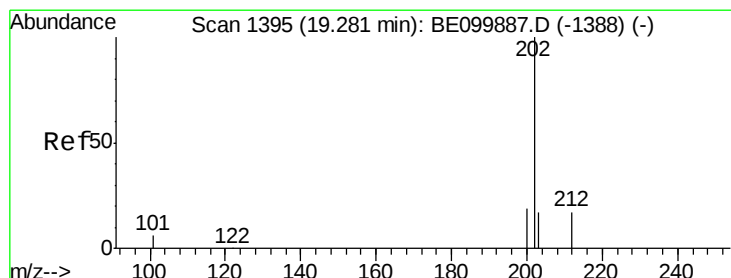
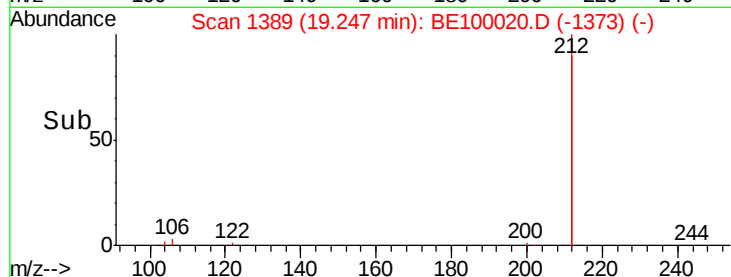
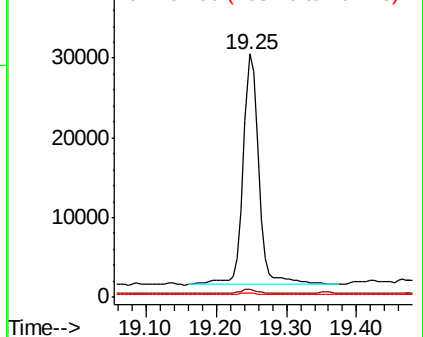


Abundance

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: 0.370 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

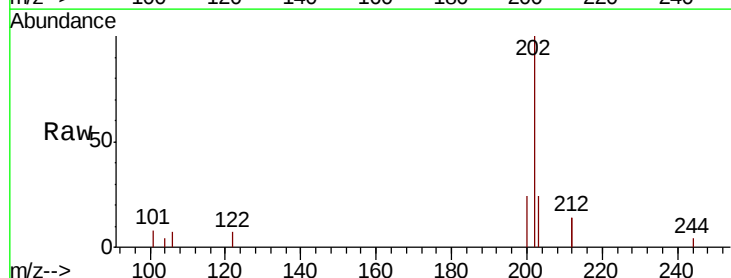
Tgt Ion:202 Resp: 11636

Ion Ratio Lower Upper

202 100

101 7.8 5.4 8.0

203 17.7 13.2 19.8

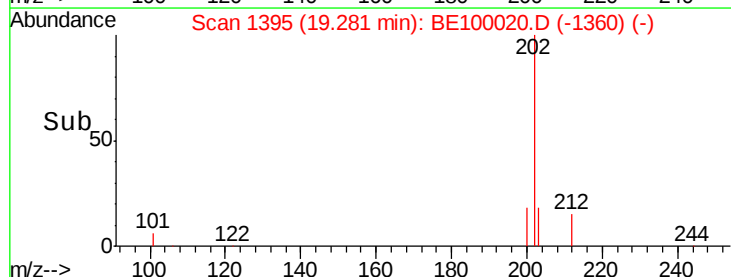
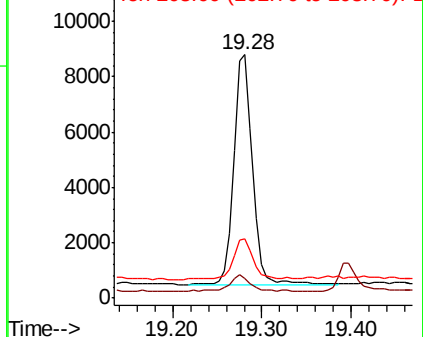


Abundance

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

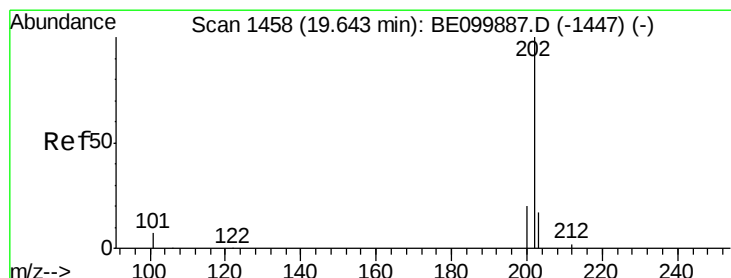
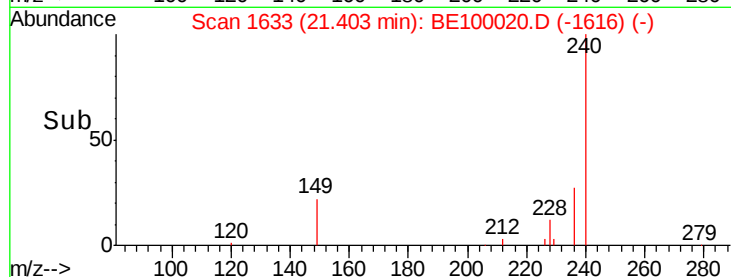
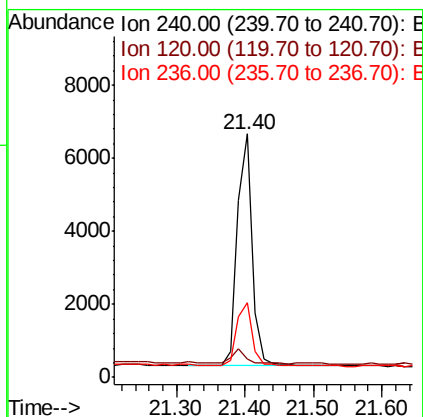
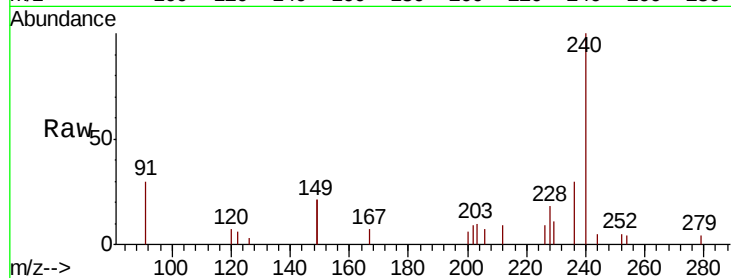




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

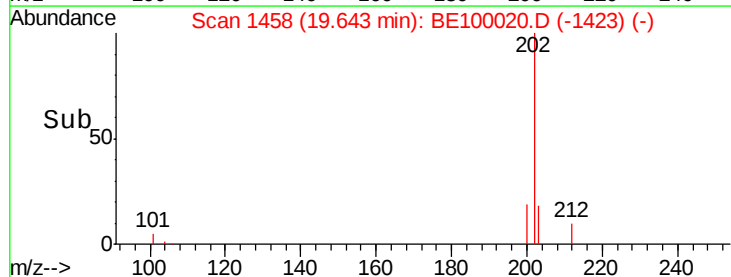
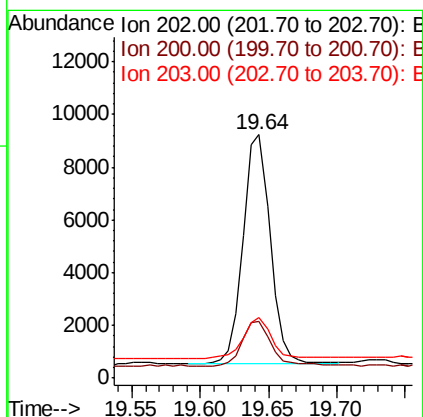
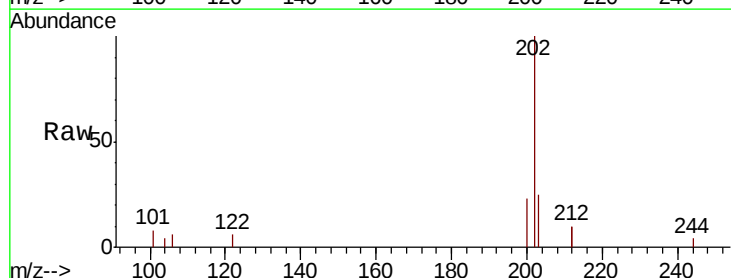
Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MSD

Tgt Ion:240 Resp: 9633
Ion Ratio Lower Upper
240 100
120 7.4 3.8 5.6#
236 30.5 22.0 33.0



#28
Pyrene
Concen: 0.474 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Tgt Ion:202 Resp: 11993
Ion Ratio Lower Upper
202 100
200 21.4 15.5 23.3
203 18.8 14.0 21.0





#29

Terphenyl-d14

Concen: 0.626 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

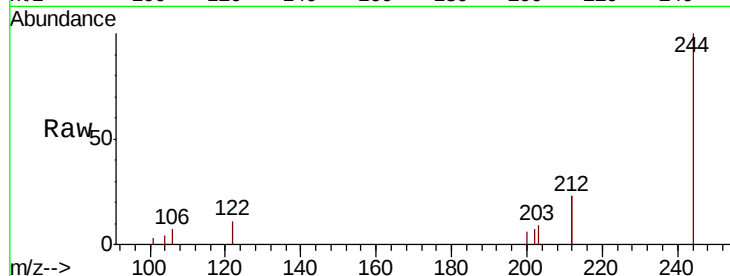
Tgt Ion:244 Resp: 10848

Ion Ratio Lower Upper

244 100

212 45.0 25.7 38.5#

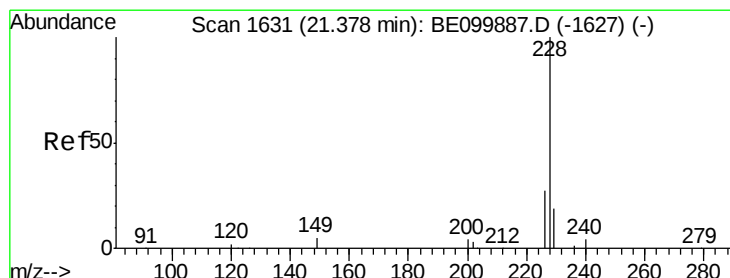
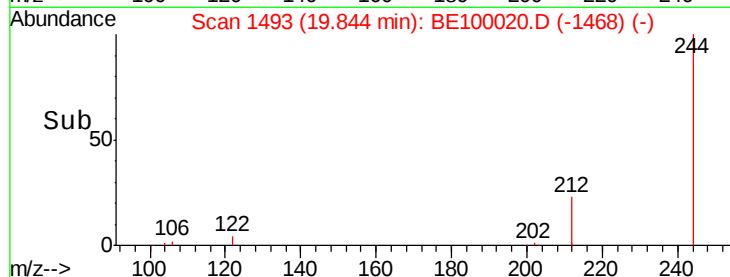
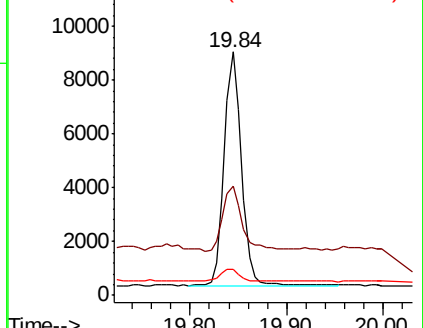
122 10.8 5.5 8.3#



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: 0.479 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

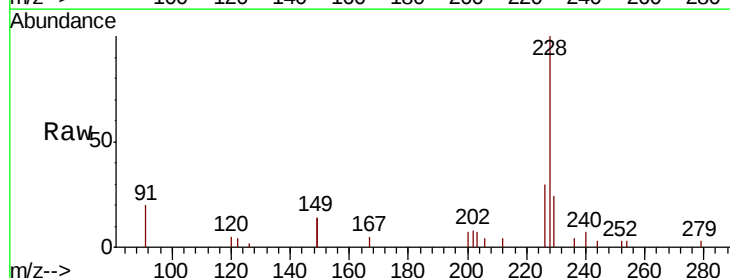
Tgt Ion:228 Resp: 13789

Ion Ratio Lower Upper

228 100

226 29.8 22.5 33.7

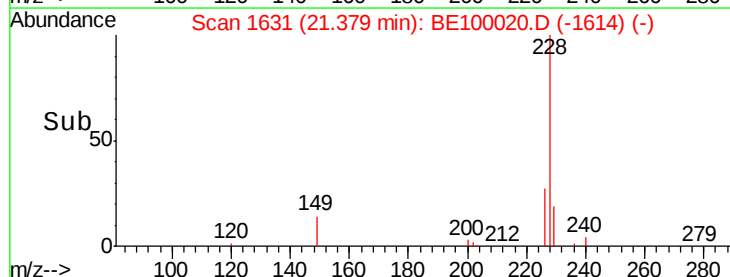
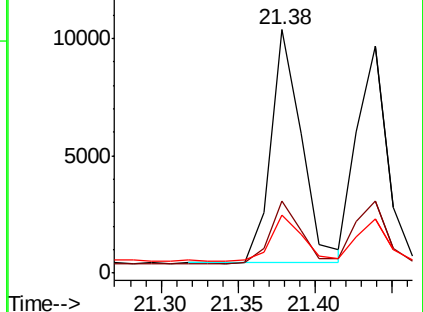
229 23.6 15.9 23.9



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: 0.432 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

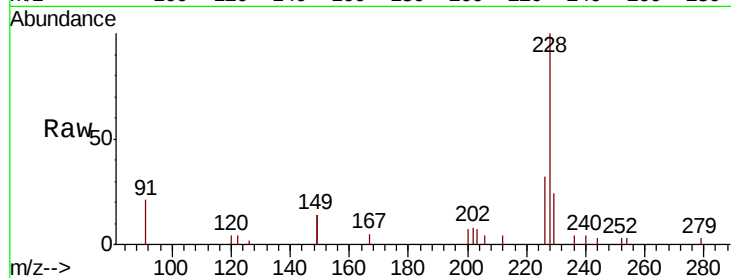
Tgt Ion:228 Resp: 12868

Ion Ratio Lower Upper

228 100

226 32.0 24.1 36.1

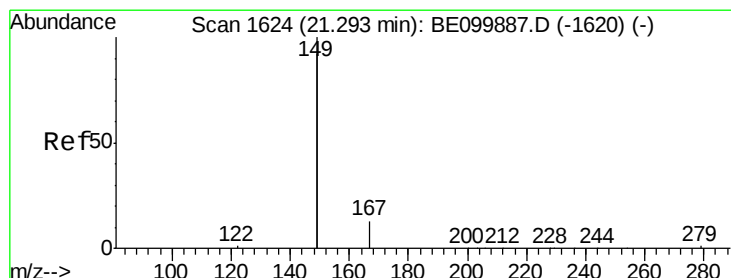
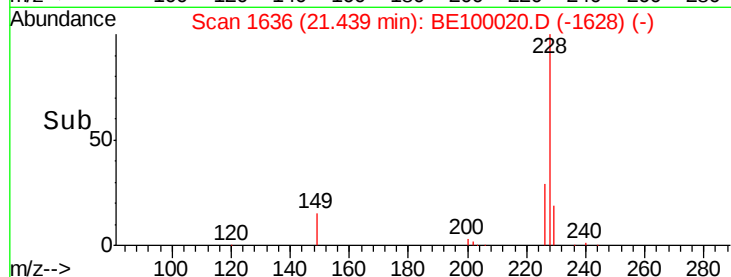
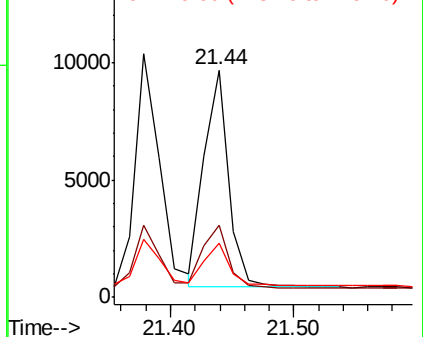
229 23.8 16.1 24.1



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: 0.463 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

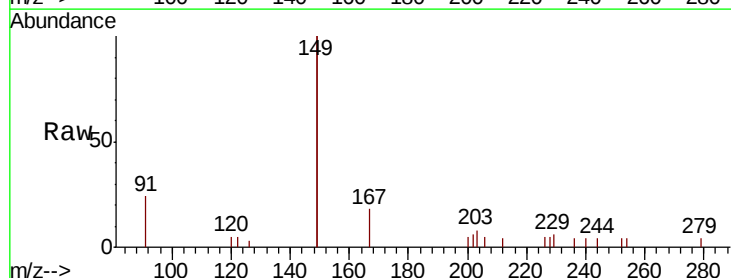
Tgt Ion:149 Resp: 19138

Ion Ratio Lower Upper

149 100

167 7.6 5.9 8.9

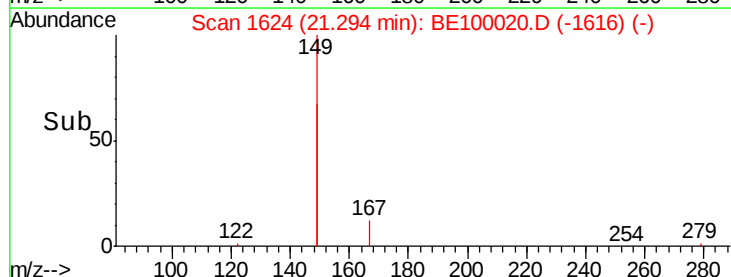
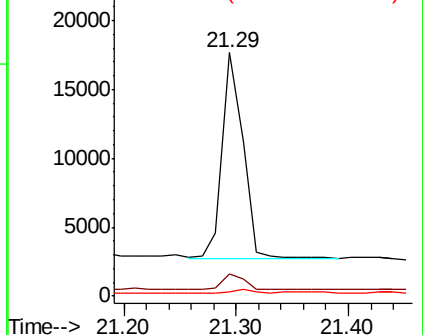
279 1.9 1.2 1.8#

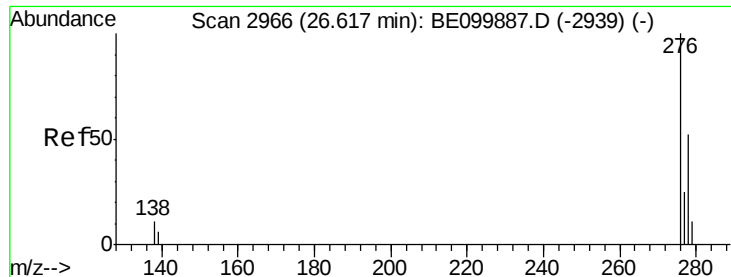


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.401 ng

RT: 26.61 min Scan# 2965

Delta R.T. -0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

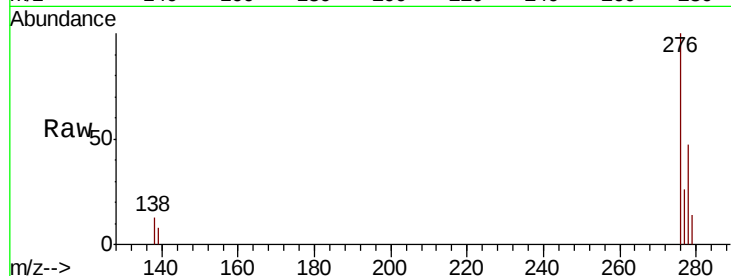
Tgt Ion:276 Resp: 14159

Ion Ratio Lower Upper

276 100

138 11.3 10.1 15.1

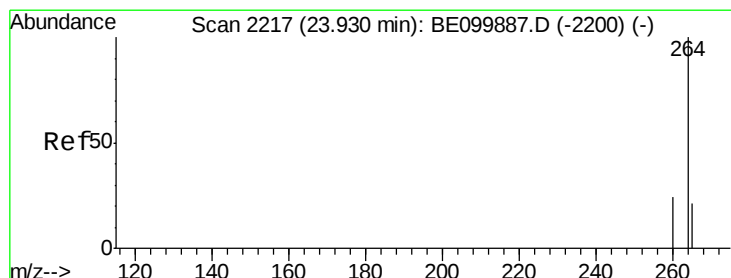
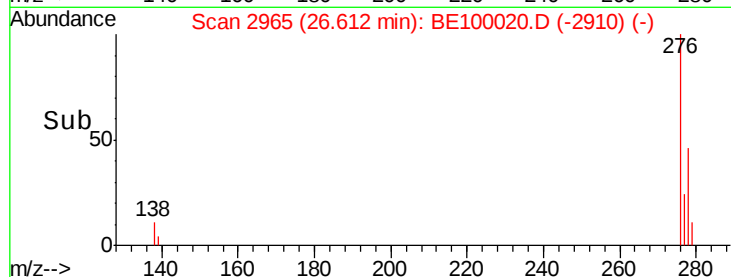
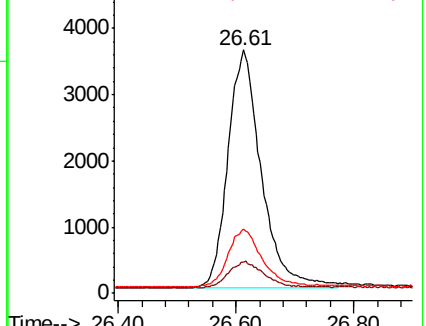
277 24.1 19.1 28.7



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: 23.93 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

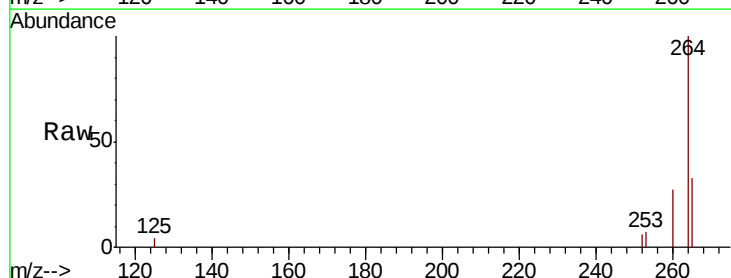
Tgt Ion:264 Resp: 10883

Ion Ratio Lower Upper

264 100

260 26.8 20.2 30.2

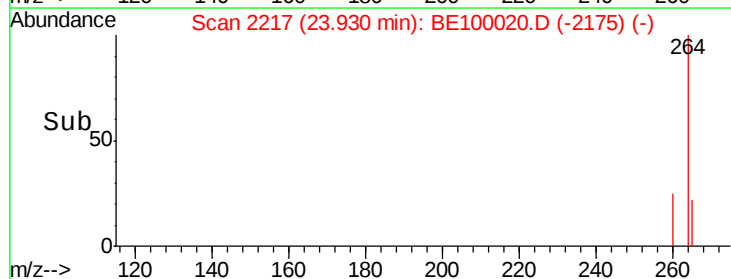
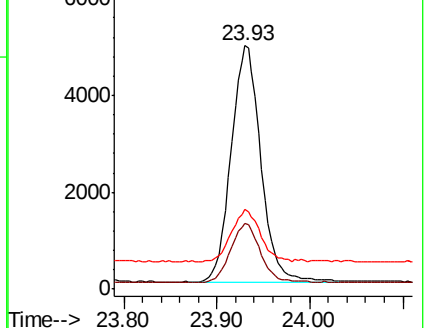
265 32.5 22.0 33.0

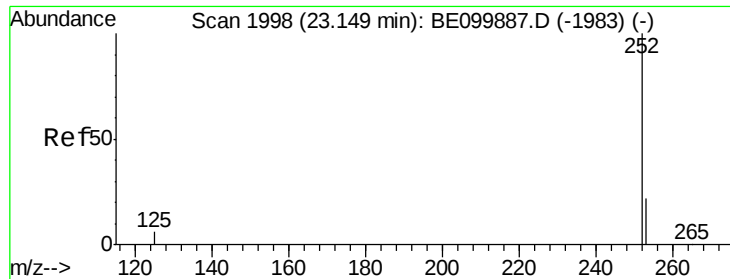


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.418 ng

RT: 23.20 min Scan# 2012

Delta R.T. 0.05 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

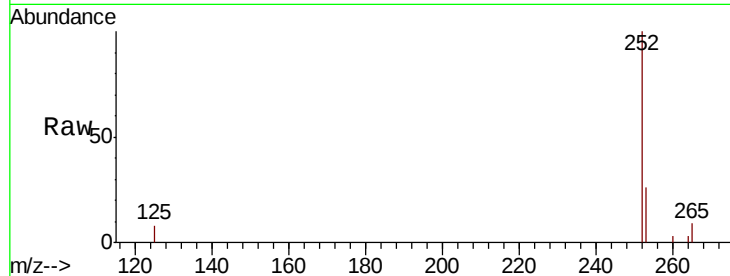
Tgt Ion:252 Resp: 12753

Ion Ratio Lower Upper

252 100

253 26.5 18.7 28.1

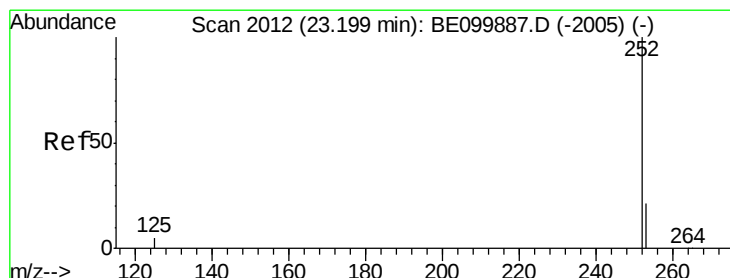
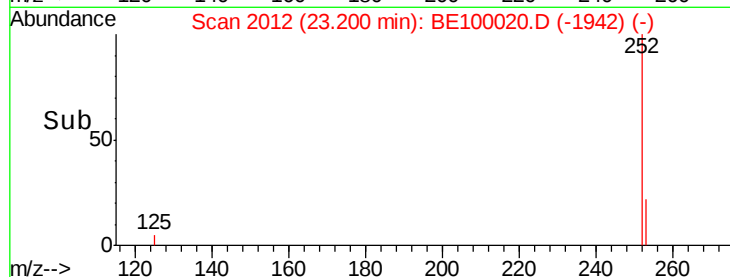
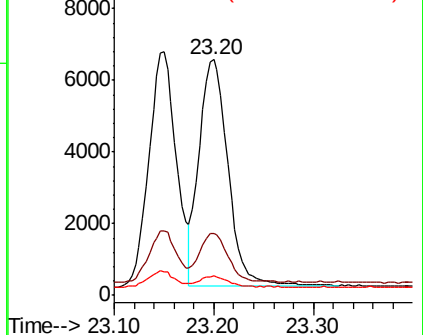
125 8.3 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.400 ng

RT: 23.20 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

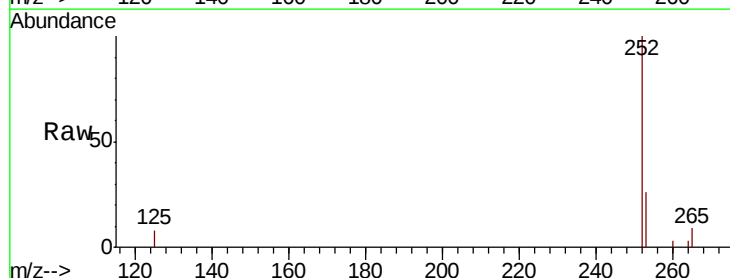
Tgt Ion:252 Resp: 12753

Ion Ratio Lower Upper

252 100

253 26.5 18.6 28.0

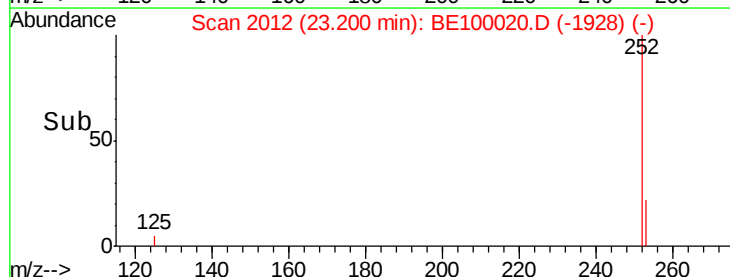
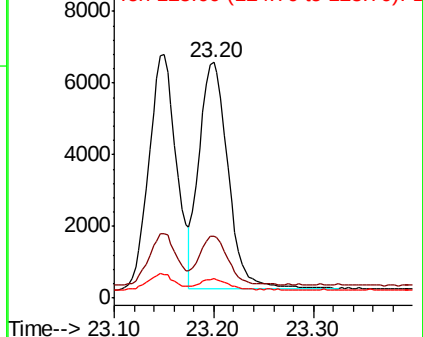
125 8.3 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.81 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

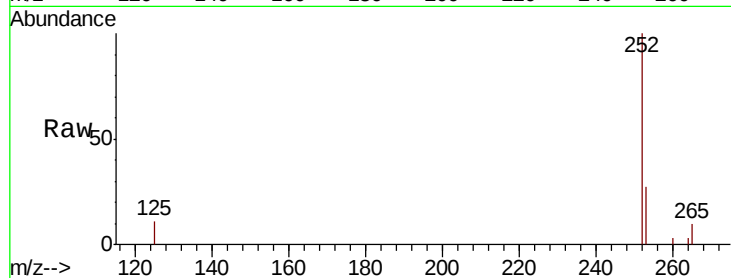
Tgt Ion:252 Resp: 11951

Ion Ratio Lower Upper

252 100

253 26.9 19.6 29.4

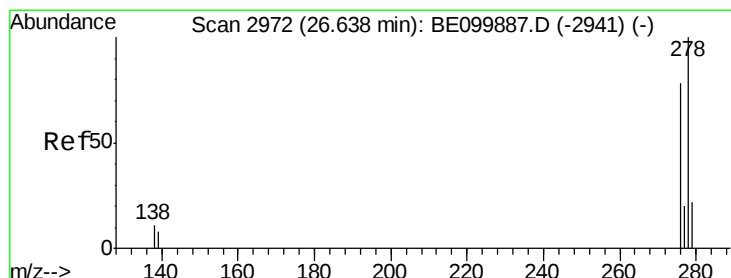
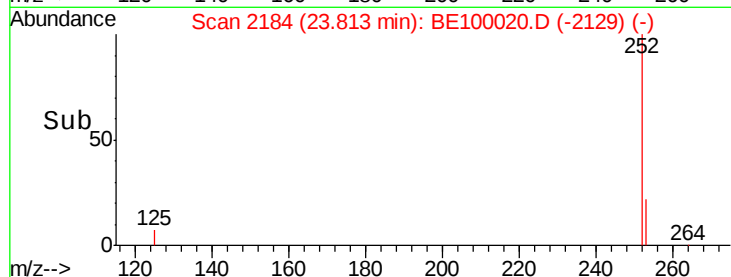
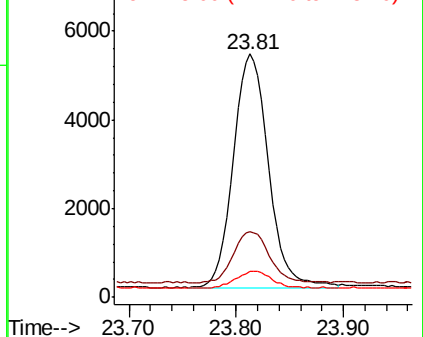
125 10.7 6.6 10.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.378 ng

RT: 26.64 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

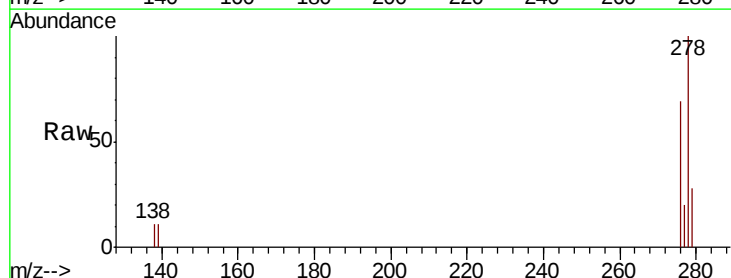
Tgt Ion:278 Resp: 11432

Ion Ratio Lower Upper

278 100

139 11.5 7.8 11.8

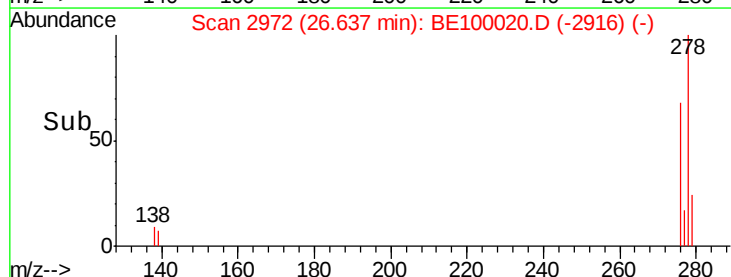
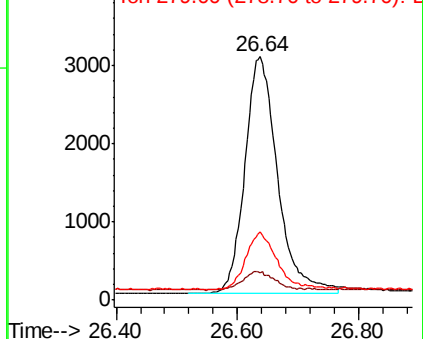
279 28.3 20.0 30.0

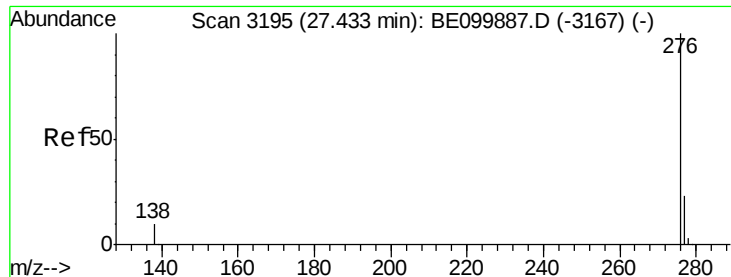


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.382 ng

RT: 27.43 min Scan# 3195

Delta R.T. -0.00 min

Lab File: BE100020.D

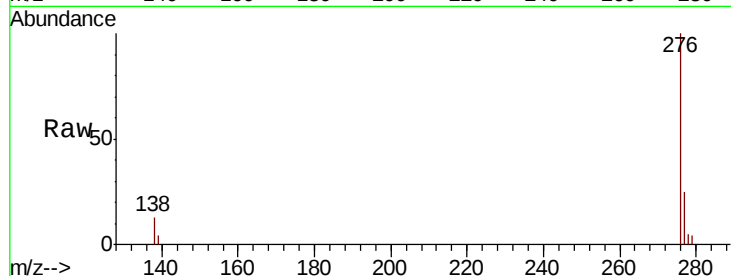
Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD



Tgt Ion: 276 Resp: 11949

Ion Ratio Lower Upper

276 100

277 25.0 19.5 29.3

138 12.6 9.5 14.3

