

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
 Data File : BE099985.D
 Acq On : 13 Jun 2019 12:21
 Operator : JU/SJ
 Sample : K3270-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-02MS

Quant Time: Jun 14 03:23:36 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	7.79	152	657	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2395	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1807	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6527	0.40	ng	0.00
27) Chrysene-d12	21.39	240	9450	0.40	ng	-0.01
34) Perylene-d12	23.92	264	10818	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	278	0.16	ng	0.00
5) Phenol-d6	6.98	99	229	0.10	ng	0.00
8) Nitrobenzene-d5	8.96	82	887	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2235	0.54	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	480	0.36	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	2929	0.43	ng	-0.01
25) Fluoranthene-d10	19.24	212	34481	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	9771	0.57	ng	0.00

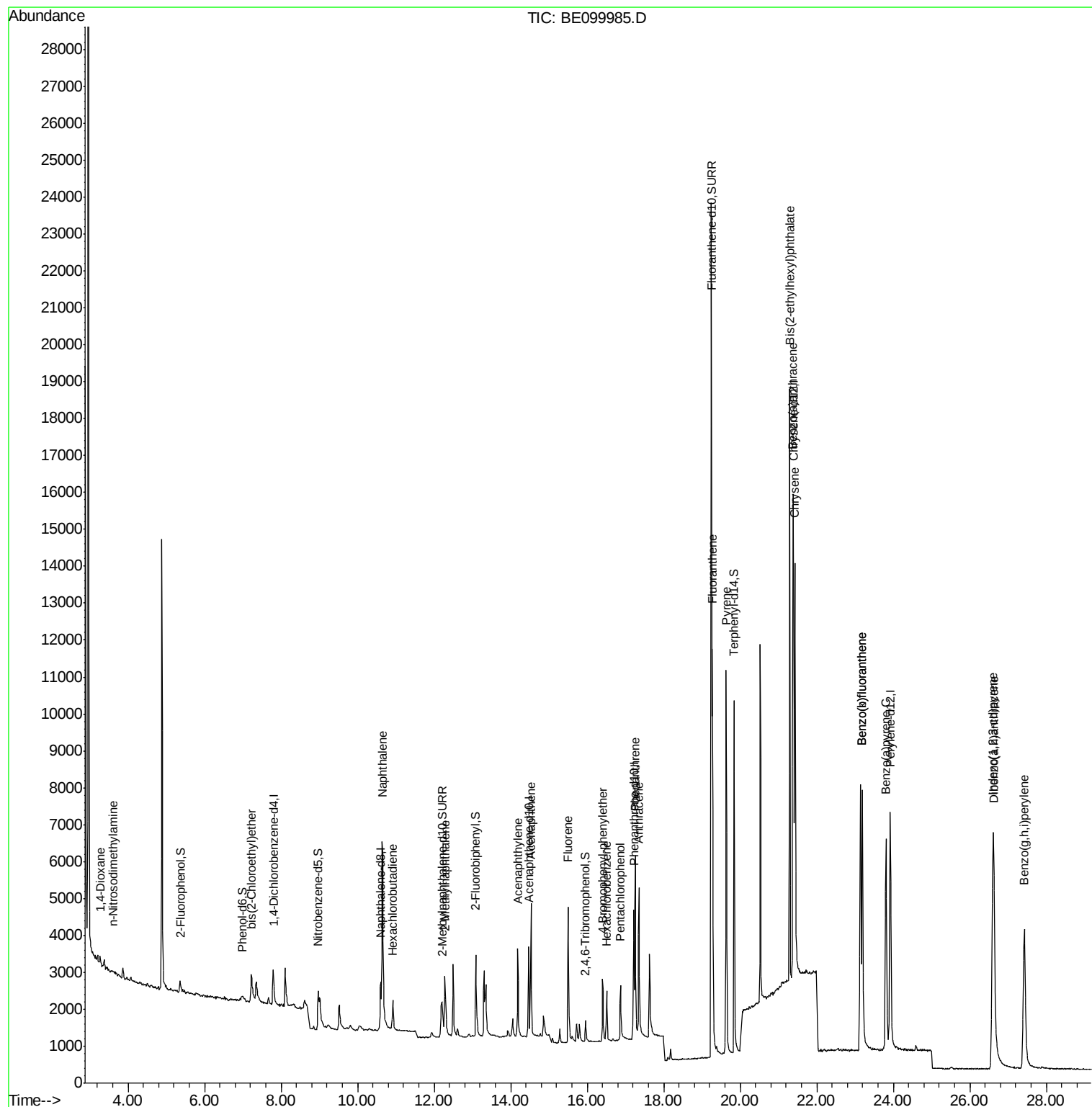
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	150	0.154	ng	# 53
3) n-Nitrosodimethylamine	3.61	42	60	0.107	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	679	0.364	ng	90
9) Naphthalene	10.64	128	12302	0.476	ng	99
10) Hexachlorobutadiene	10.91	225	651	0.330	ng	97
12) 2-Methylnaphthalene	12.28	142	1597	0.380	ng	97
16) Acenaphthylene	14.18	152	3268	0.364	ng	99
17) Acenaphthene	14.53	154	1862	0.380	ng	98
18) Fluorene	15.50	166	2835	0.386	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	1229	0.332	ng	# 88
21) Hexachlorobenzene	16.51	284	1293	0.342	ng	99
22) Pentachlorophenol	16.87	266	1106	0.908	ng	86
23) Phenanthrene	17.25	178	5879	0.371	ng	100
24) Anthracene	17.35	178	5476	0.377	ng	100
26) Fluoranthene	19.27	202	10137	0.377	ng	99
28) Pyrene	19.63	202	10690	0.431	ng	99
30) Benzo(a)anthracene	21.38	228	11525	0.408	ng	99
31) Chrysene	21.43	228	12089	0.414	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	16528	0.408	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	13301	0.384	ng	# 93
35) Benzo(b)fluoranthene	23.19	252	12325	0.407	ng	99
36) Benzo(k)fluoranthene	23.19	252	12325	0.389	ng	99
37) Benzo(a)pyrene	23.81	252	11360	0.380	ng	98
38) Dibenzo(a,h)anthracene	26.63	278	10527	0.350	ng	96
39) Benzo(g,h,i)perylene	27.42	276	11669	0.376	ng	99

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

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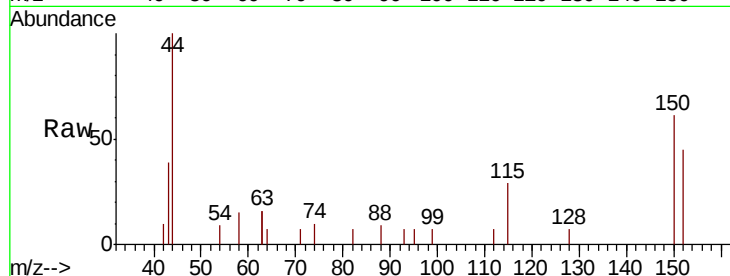


#1

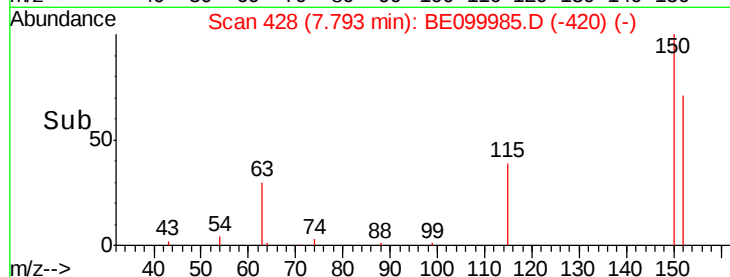
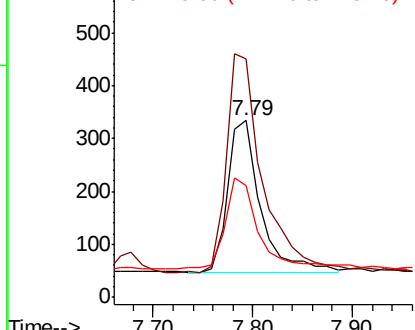
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099885.D
Acq: 13 Jun 2019 12:21

Instrument :
BNA_E
ClientSampleId :
GW-02MS

Tgt Ion: 152 Resp: 657
Ion Ratio Lower Upper
152 100
150 135.0 111.0 166.6
115 63.2 50.7 76.1



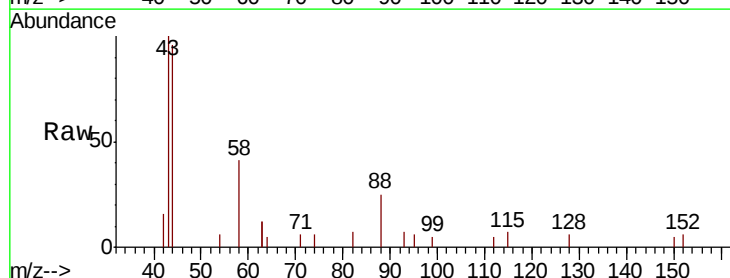
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



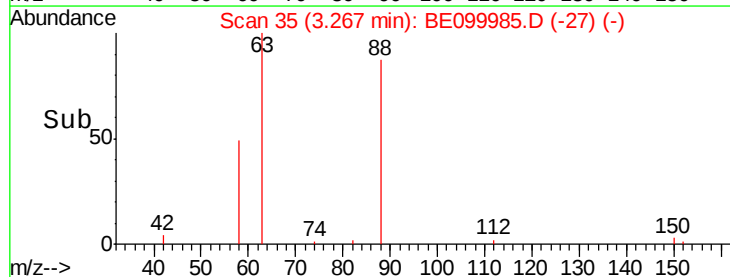
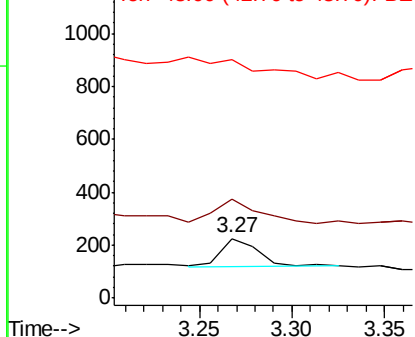
#2

1,4-Dioxane
Concen: 0.154 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099885.D
Acq: 13 Jun 2019 12:21

Tgt Ion: 88 Resp: 150
Ion Ratio Lower Upper
88 100
58 96.0 48.8 73.2#
43 0.0 19.0 28.6#



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

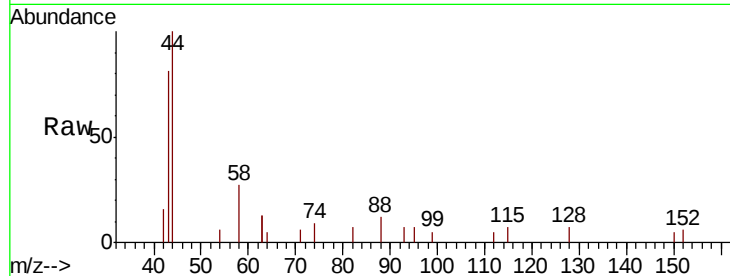




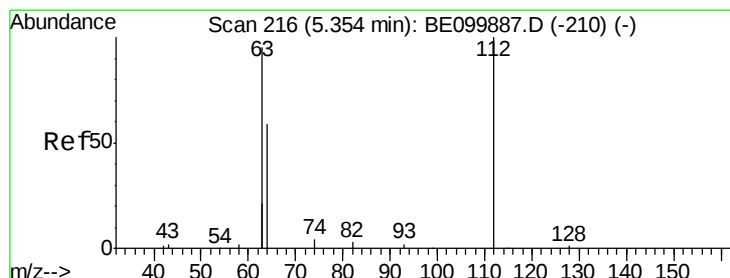
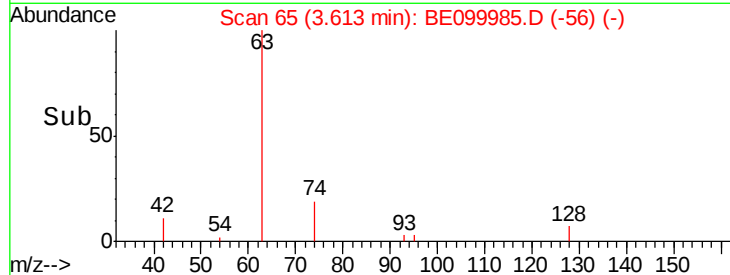
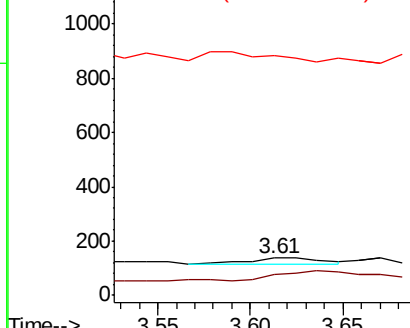
#3
n-Nitrosodimethylamine
Concen: 0.107 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.01 min
Lab File: BE099985.D
Acq: 13 Jun 2019 12:21

Instrument :
BNA_E
ClientSampleId :
GW-02MS

Tgt Ion:	42	Resp:	60
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0

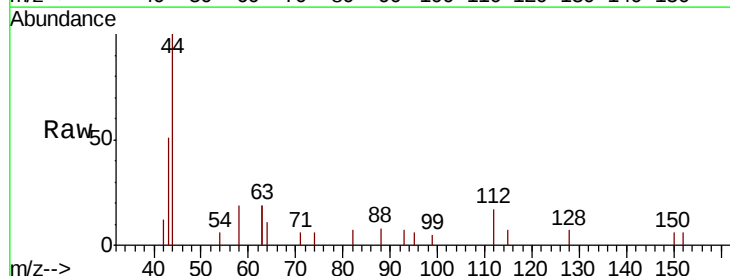


Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0

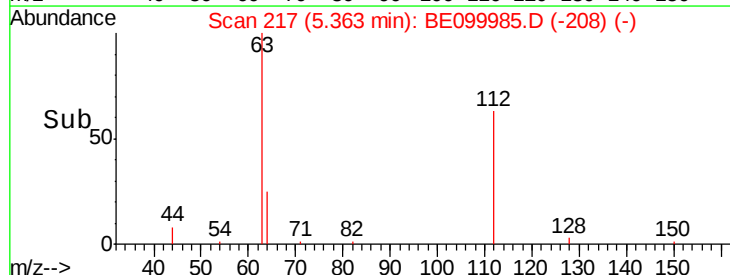
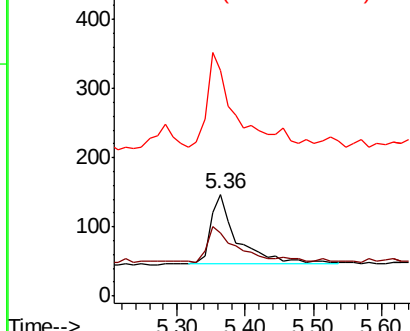


#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE099985.D
Acq: 13 Jun 2019 12:21

Tgt Ion:	112	Resp:	278
Ion	Ratio	Lower	Upper
112	100		
64	52.2	44.1	66.1
63	136.7	87.8	131.6#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.100 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

Instrument :

BNA_E

ClientSampleId :

GW-02MS

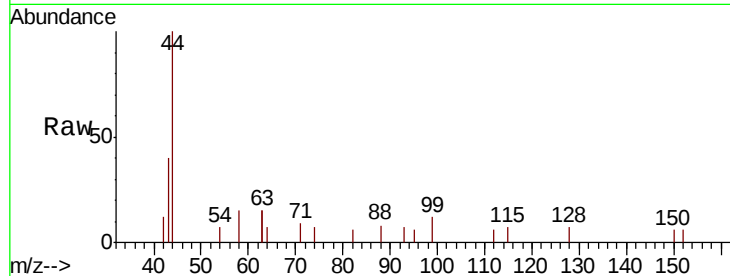
Tgt Ion: 99 Resp: 229

Ion Ratio Lower Upper

99 100

42 11.4 15.9 23.9#

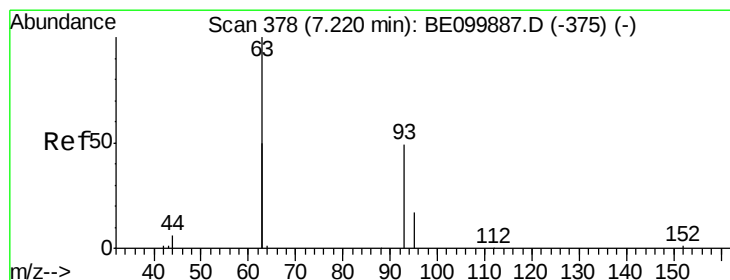
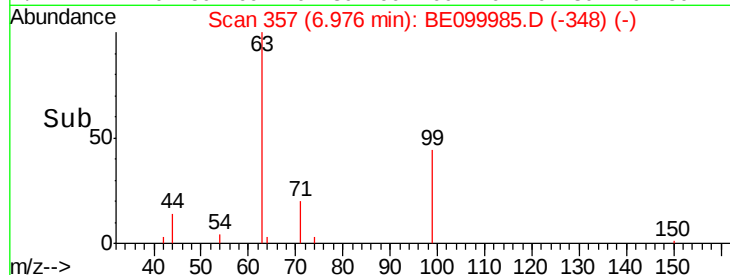
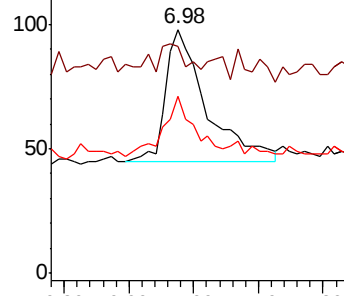
71 34.5 34.6 52.0#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.364 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

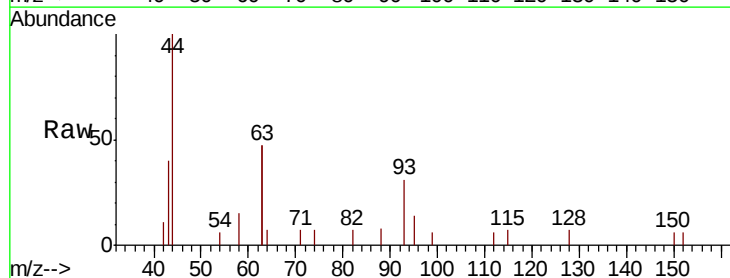
Tgt Ion: 93 Resp: 679

Ion Ratio Lower Upper

93 100

63 234.5 202.8 304.2

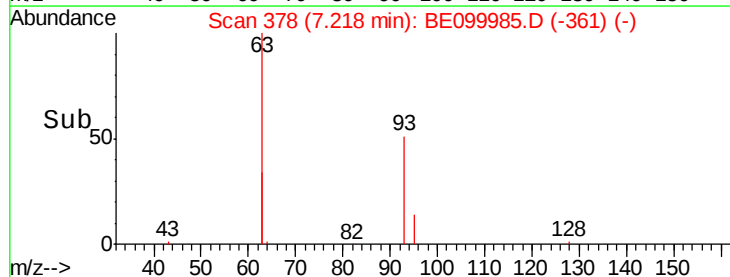
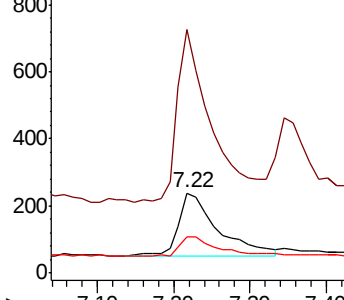
95 31.5 23.7 35.5

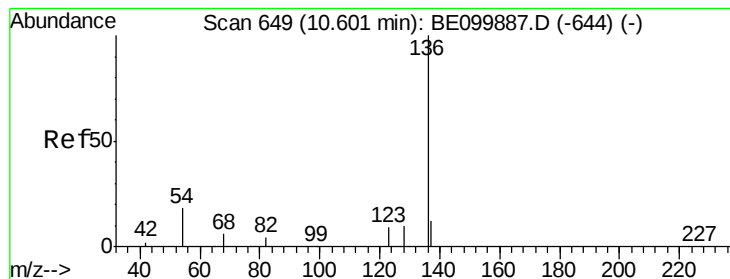


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

Instrument :

BNA_E

ClientSampleId :

GW-02MS

Tgt Ion: 136 Resp: 2395

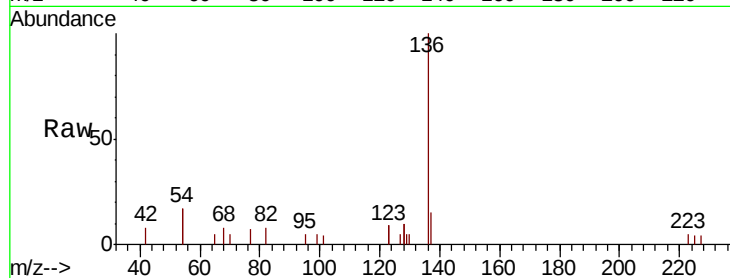
Ion Ratio Lower Upper

136 100

137 14.7 12.3 18.5

54 33.7 28.2 42.4

68 8.2 7.8 11.8

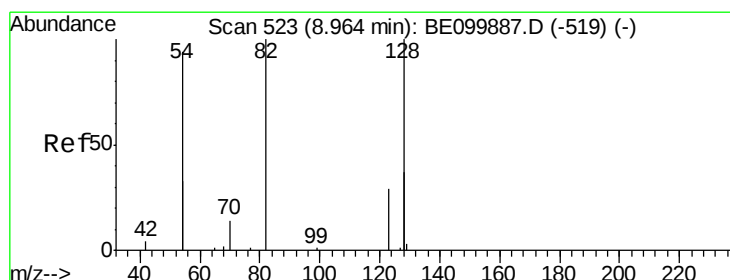
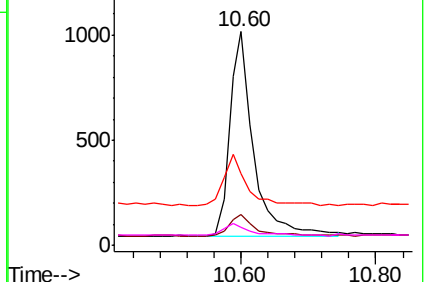
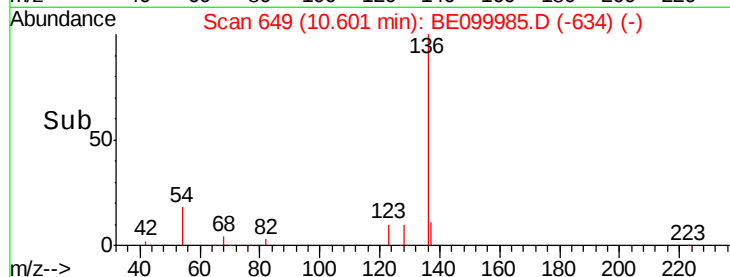


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.391 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

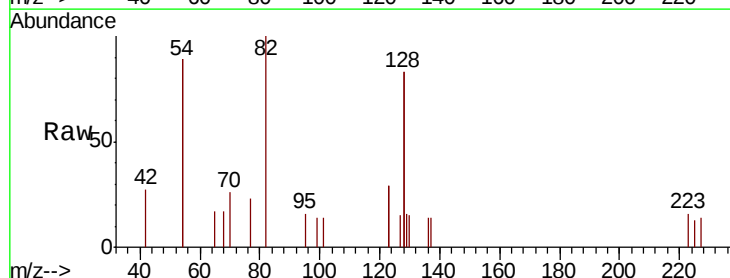
Tgt Ion: 82 Resp: 887

Ion Ratio Lower Upper

82 100

128 166.5 137.3 205.9

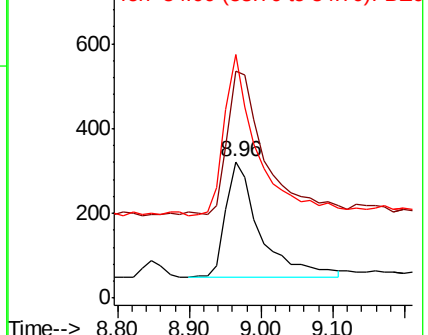
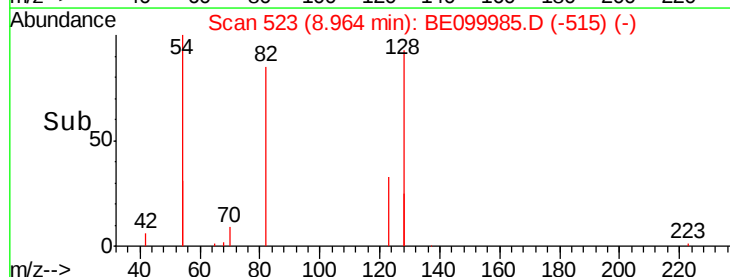
54 178.3 129.7 194.5

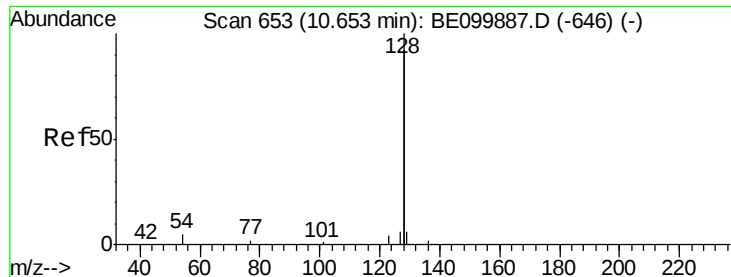


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.476 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

Instrument :

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ClientSampleId :

GW-02MS

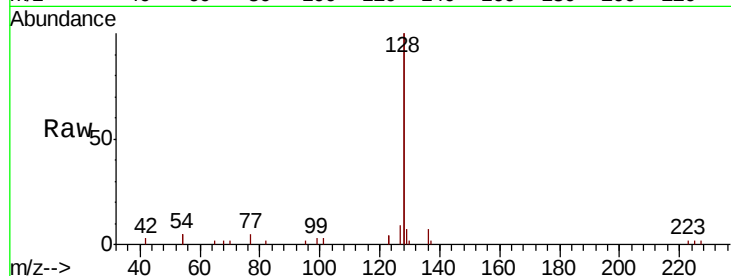
Tgt Ion:128 Resp: 12302

Ion Ratio Lower Upper

128 100

129 3.5 3.0 4.6

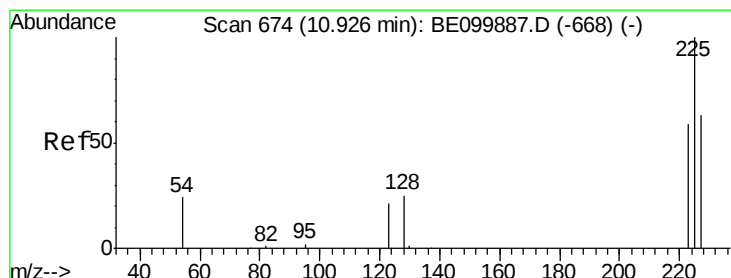
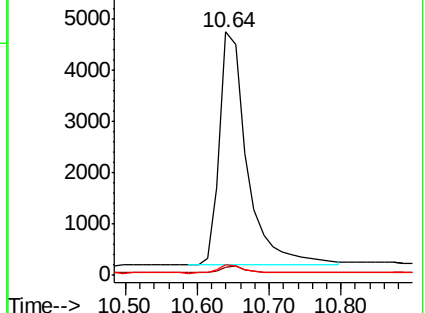
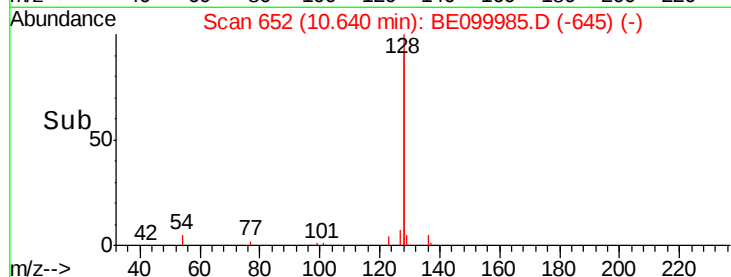
127 4.3 3.4 5.0



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: 0.330 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.01 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

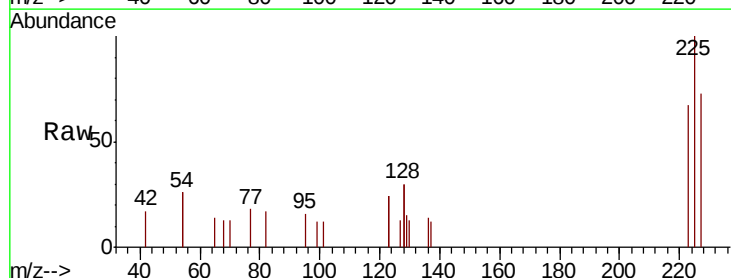
Tgt Ion:225 Resp: 651

Ion Ratio Lower Upper

225 100

223 62.4 51.6 77.4

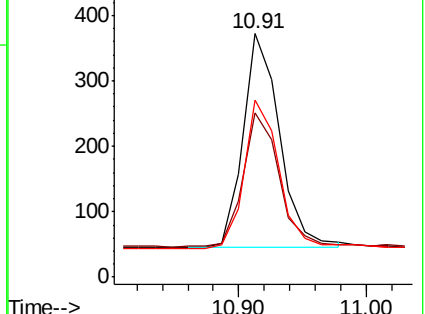
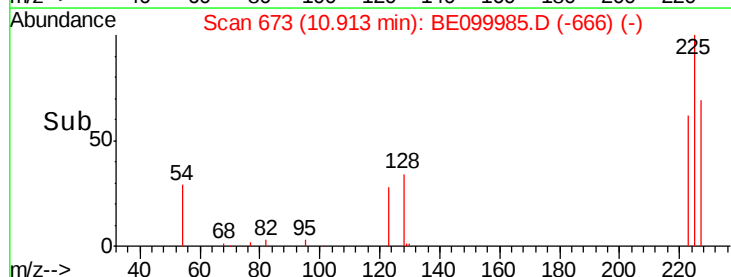
227 65.9 50.6 76.0



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: 0.535 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

Instrument :

BNA_E

ClientSampleId :

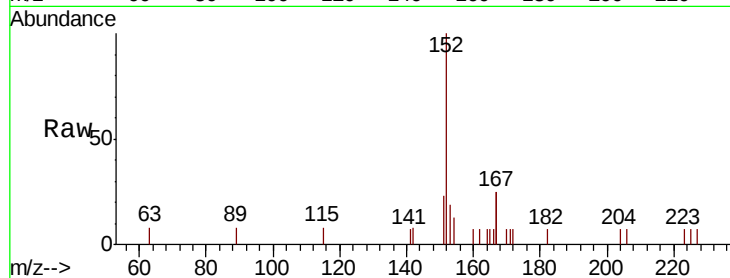
GW-02MS

Tgt Ion:152 Resp: 2235

Ion Ratio Lower Upper

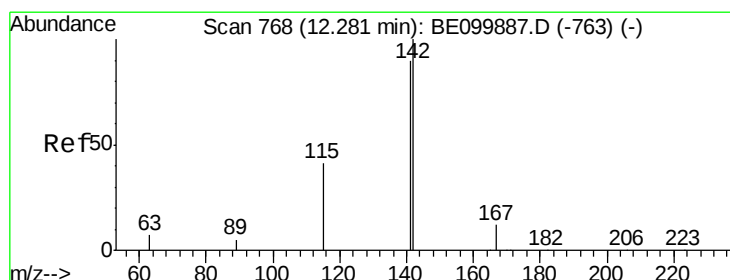
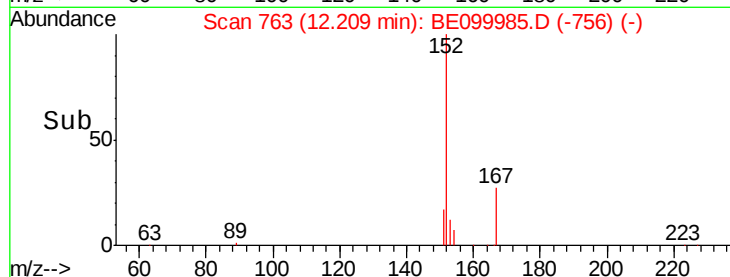
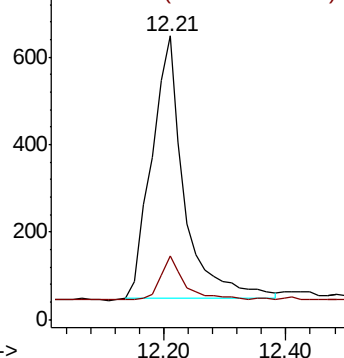
152 100

151 11.9 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: 0.380 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

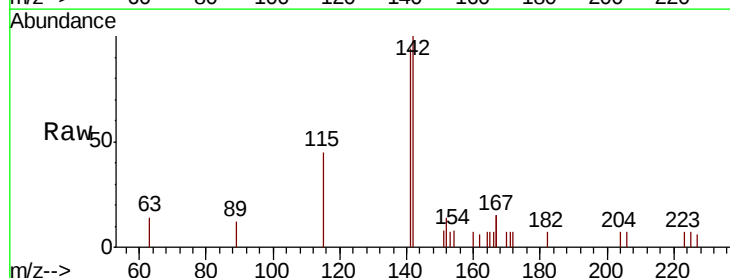
Tgt Ion:142 Resp: 1597

Ion Ratio Lower Upper

142 100

141 94.4 72.3 108.5

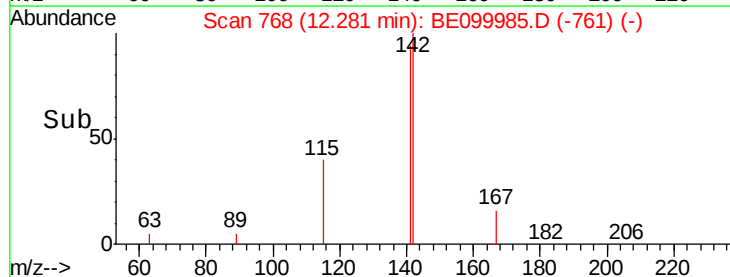
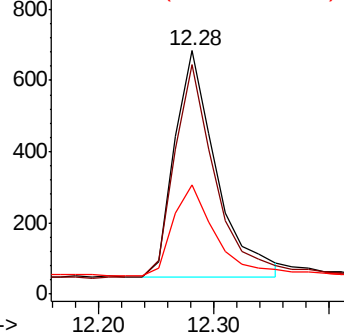
115 44.6 36.4 54.6

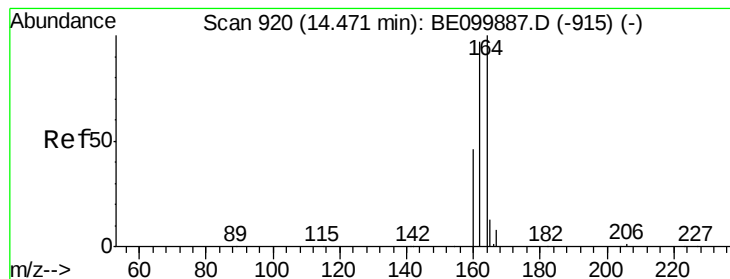


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE099985.D

Acq: 13 Jun 2019 12:21

Instrument :

BNA_E

ClientSampleId :

GW-02MS

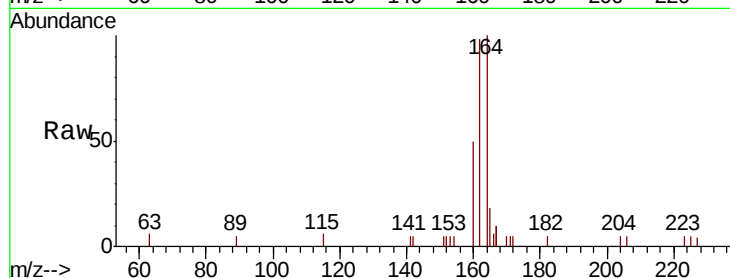
Tgt Ion:164 Resp: 1807

Ion Ratio Lower Upper

164 100

162 98.3 77.8 116.8

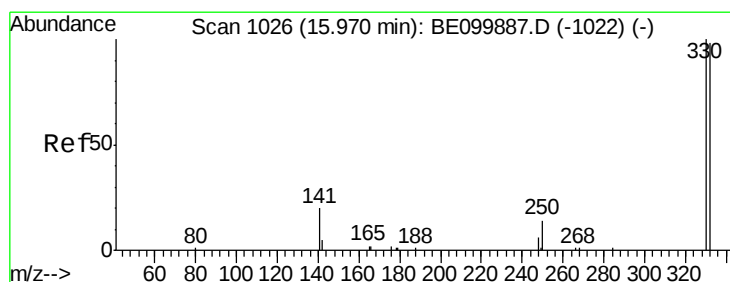
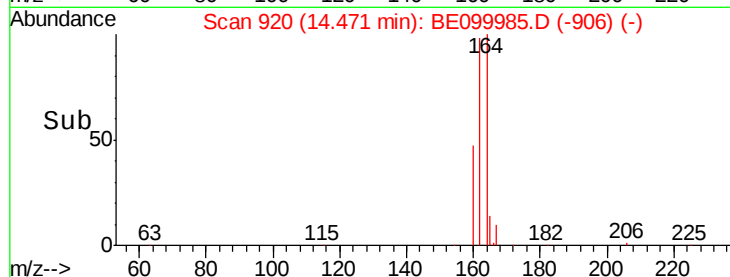
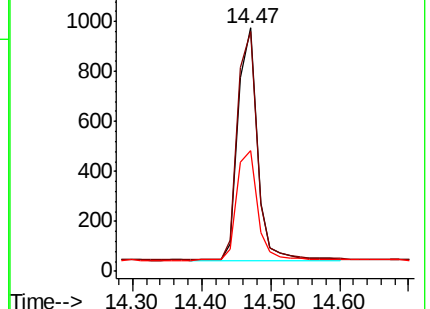
160 49.7 38.2 57.4



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: 0.359 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

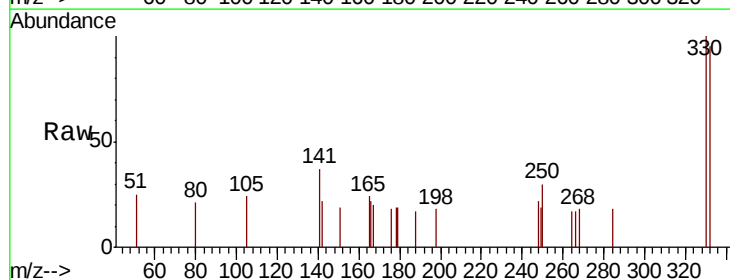
Tgt Ion:330 Resp: 480

Ion Ratio Lower Upper

330 100

332 91.7 76.7 115.1

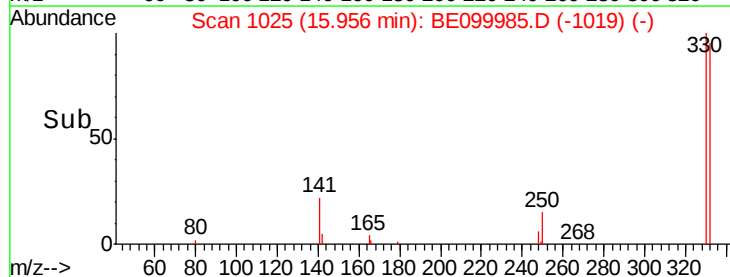
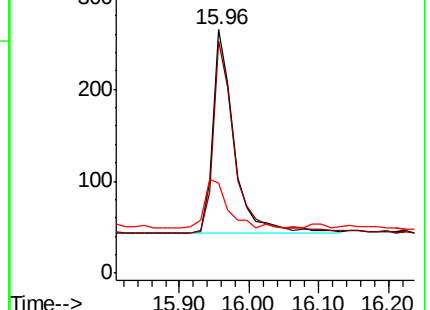
141 25.6 21.0 31.6



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

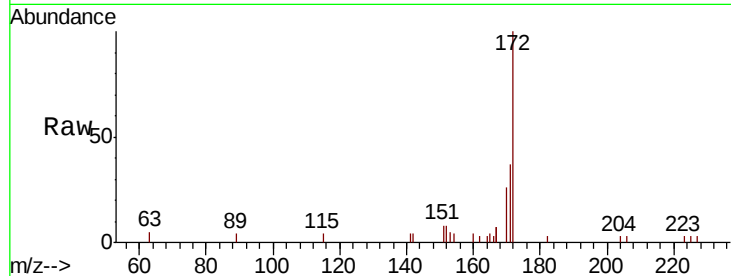




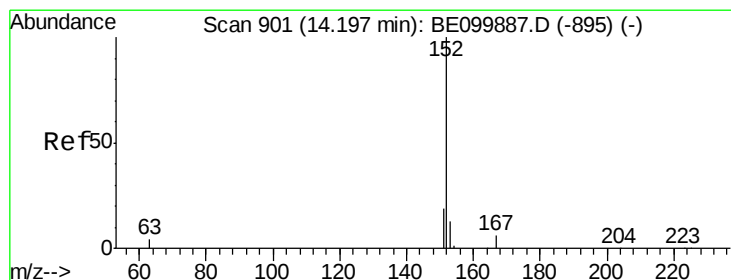
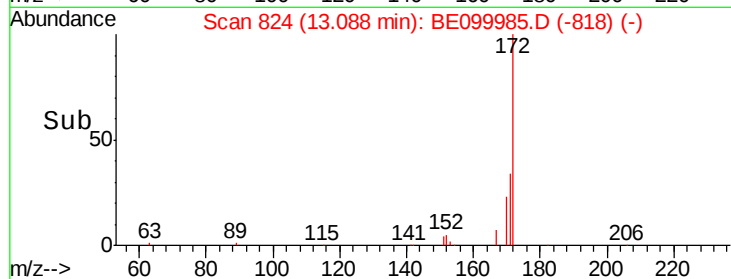
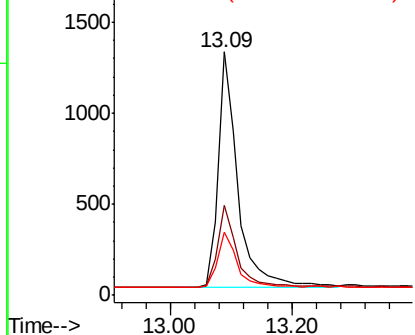
#15
2-Fluorobiphenyl
Concen: 0.428 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099985.D
Acq: 13 Jun 2019 12:21

Instrument :
BNA_E
ClientSampleId :
GW-02MS

Tgt Ion:172 Resp: 2929
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 26.1 21.2 31.8

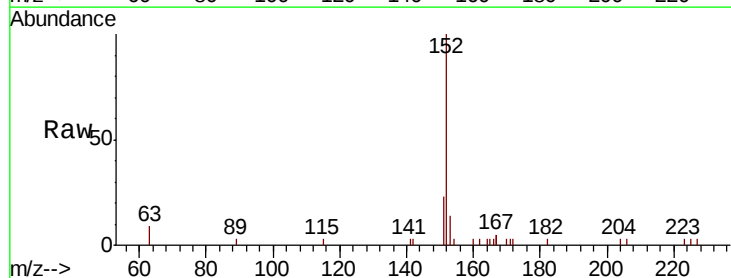


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

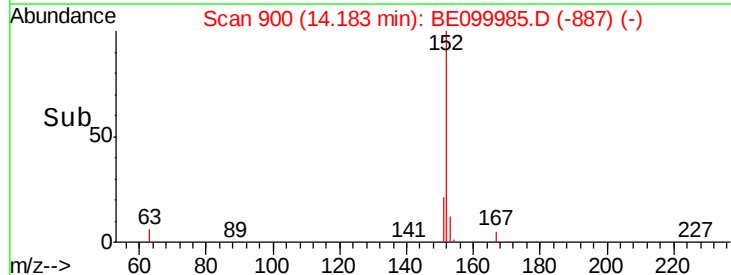
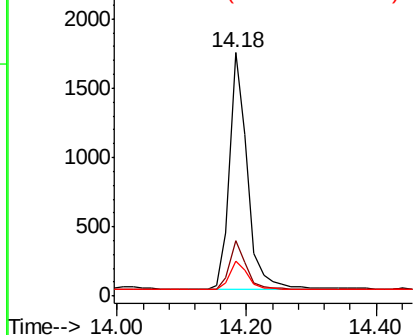


#16
Acenaphthylene
Concen: 0.364 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099985.D
Acq: 13 Jun 2019 12:21

Tgt Ion:152 Resp: 3268
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 13.4 10.2 15.2



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: 0.380 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

Instrument :

BNA_E

ClientSampleId :

GW-02MS

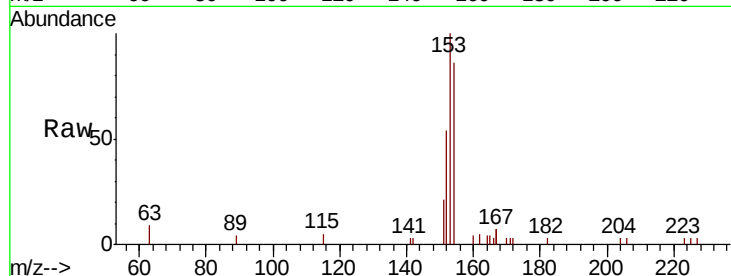
Tgt Ion:154 Resp: 1862

Ion Ratio Lower Upper

154 100

153 116.9 93.1 139.7

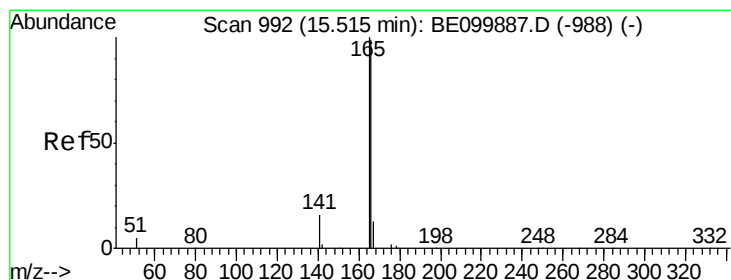
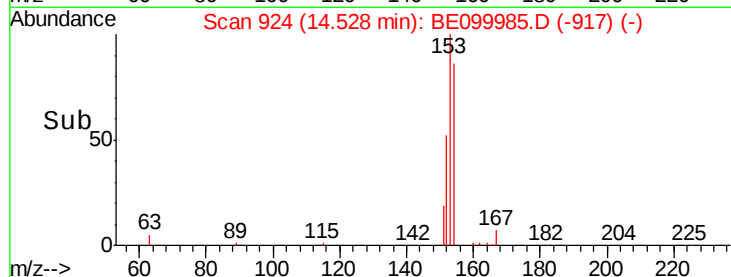
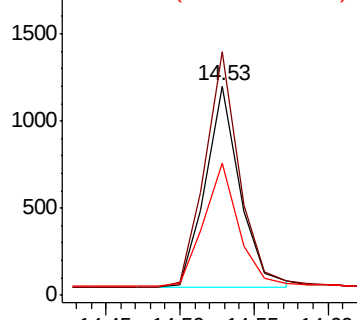
152 61.7 47.0 70.4



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: 0.386 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.01 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

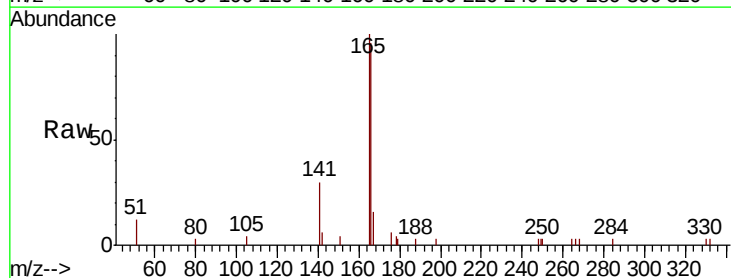
Tgt Ion:166 Resp: 2835

Ion Ratio Lower Upper

166 100

165 102.1 81.8 122.8

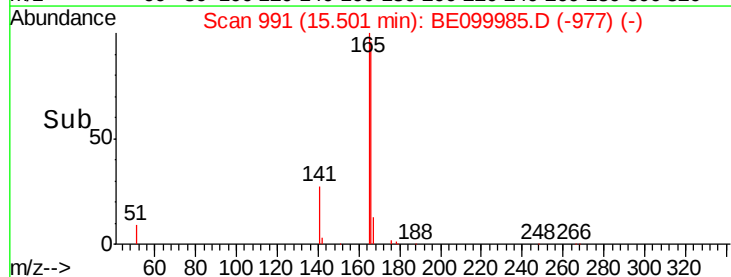
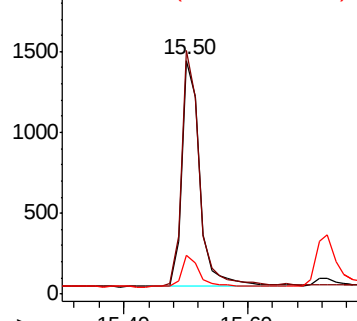
167 13.6 11.2 16.8



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: BE099985.D

Acq: 13 Jun 2019 12:21

Instrument :

BNA_E

ClientSampleId :

GW-02MS

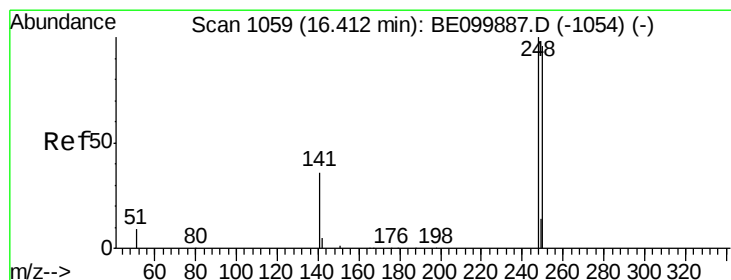
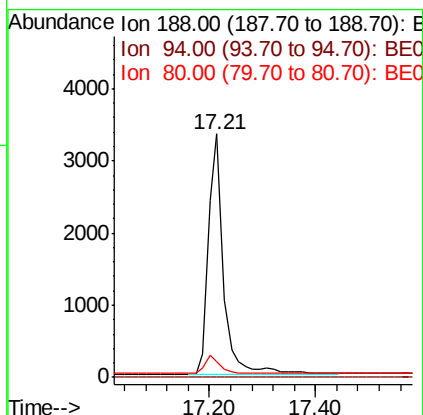
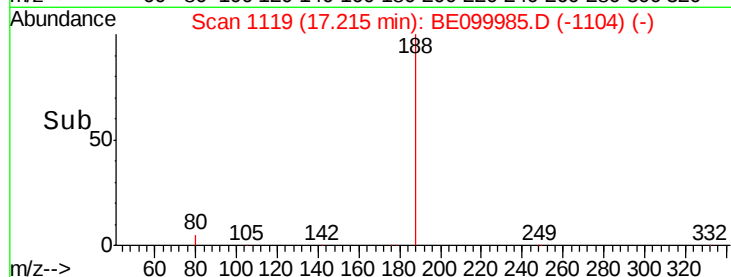
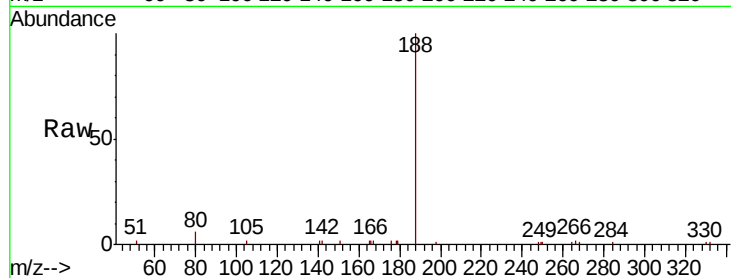
Tgt Ion:188 Resp: 6527

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.4 6.4 9.6#



#20

4-Bromophenyl-phenylether

Concen: 0.332 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

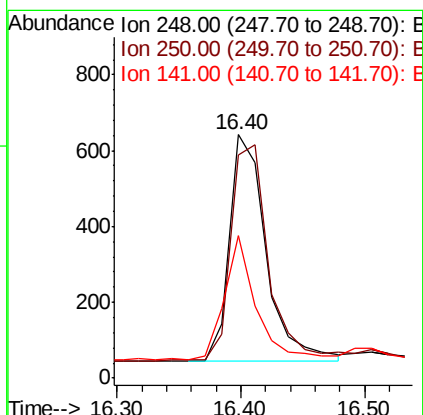
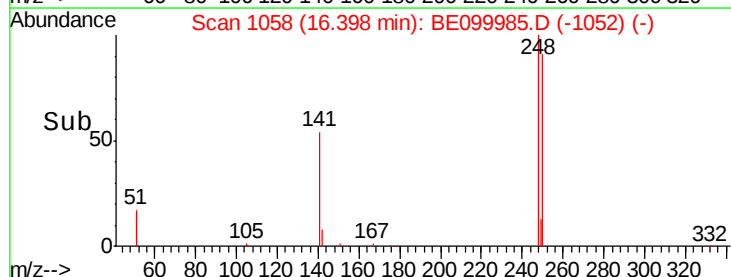
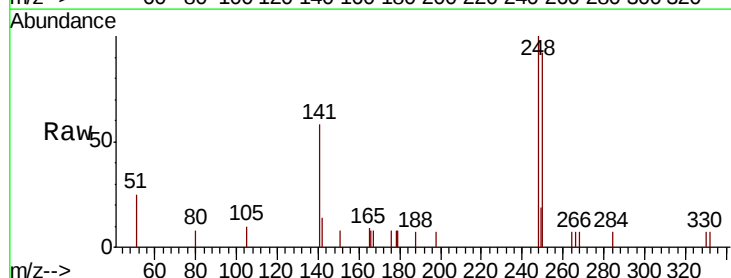
Tgt Ion:248 Resp: 1229

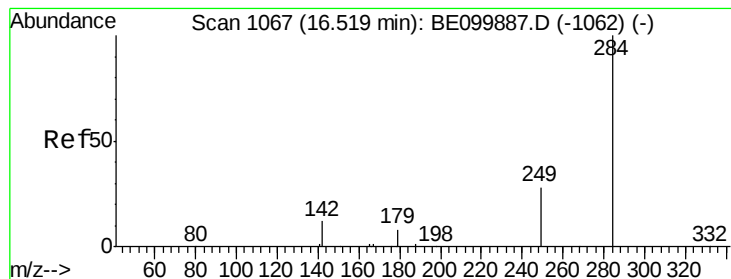
Ion Ratio Lower Upper

248 100

250 91.9 77.5 116.3

141 58.4 31.8 47.8#





#21

Hexachlorobenzene

Concen: 0.342 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

Instrument :

BNA_E

ClientSampleId :

GW-02MS

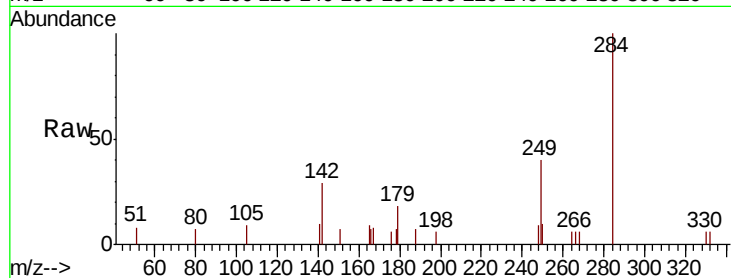
Tgt Ion:284 Resp: 1293

Ion Ratio Lower Upper

284 100

142 22.9 18.2 27.4

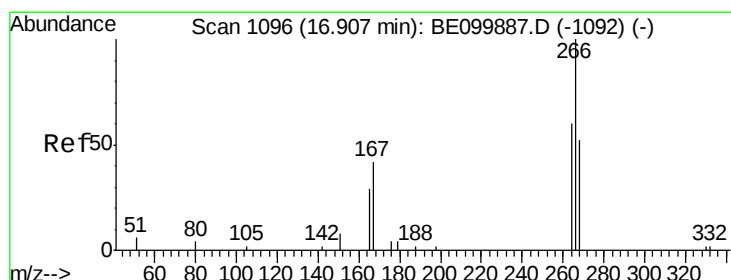
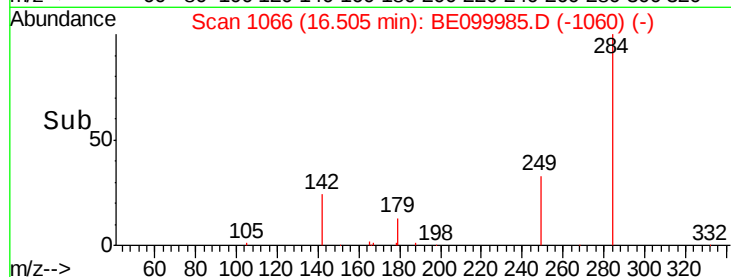
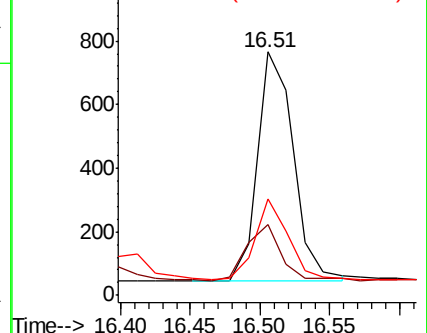
249 31.6 24.6 37.0



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: 0.908 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

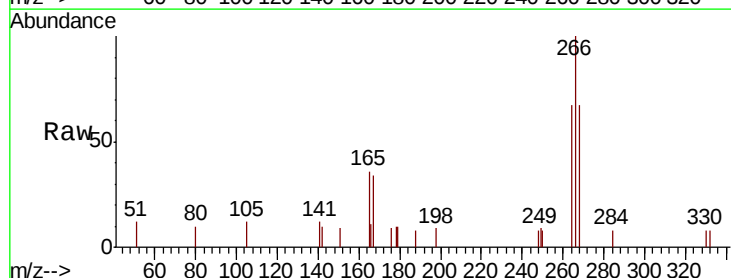
Tgt Ion:266 Resp: 1106

Ion Ratio Lower Upper

266 100

264 67.1 62.2 93.2

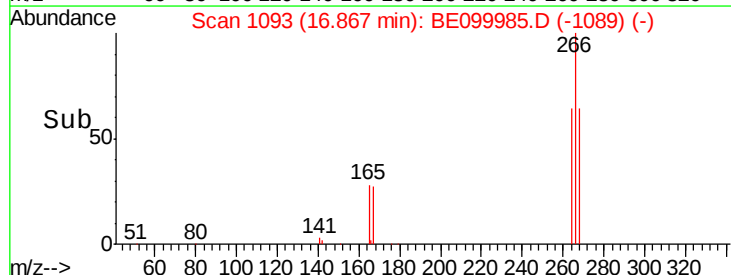
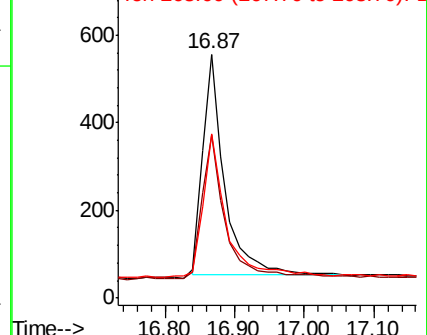
268 67.4 65.5 98.3



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: 0.371 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

Instrument :

BNA_E

ClientSampleId :

GW-02MS

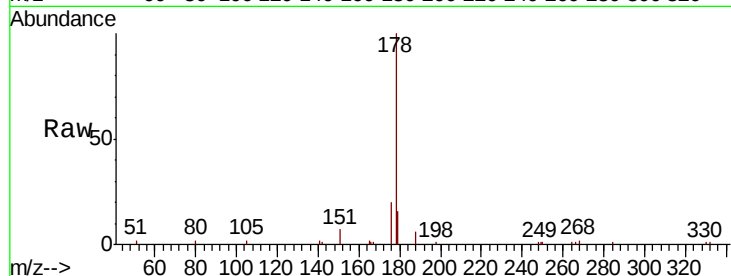
Tgt Ion:178 Resp: 5879

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

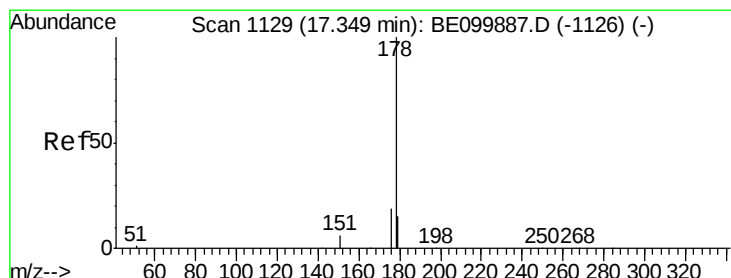
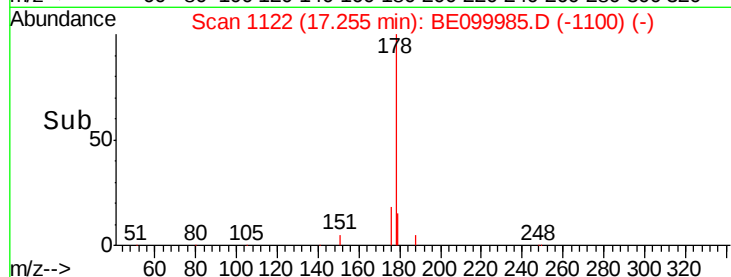
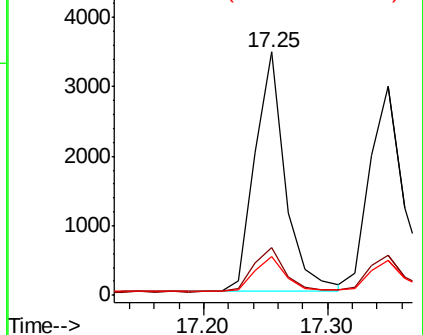
179 15.5 12.4 18.6



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: 0.377 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

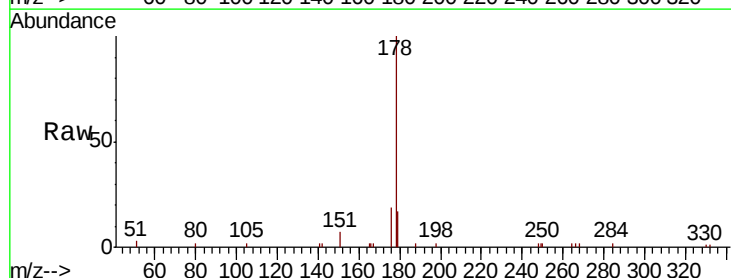
Tgt Ion:178 Resp: 5476

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

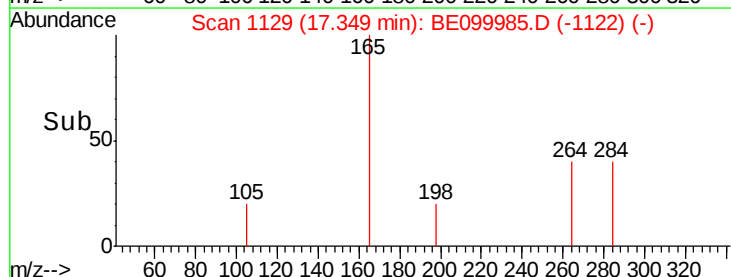
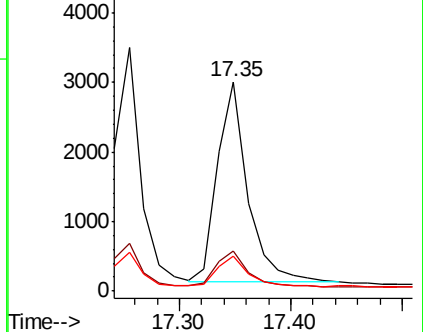
179 15.2 12.3 18.5



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: 0.363 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

Instrument :

BNA_E

ClientSampleId :

GW-02MS

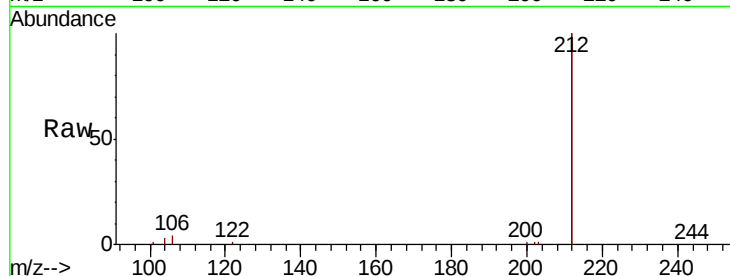
Tgt Ion:212 Resp: 34481

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

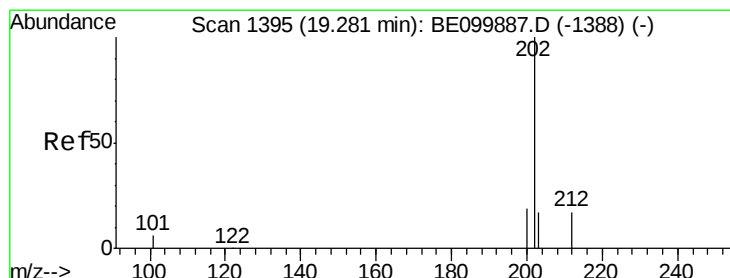
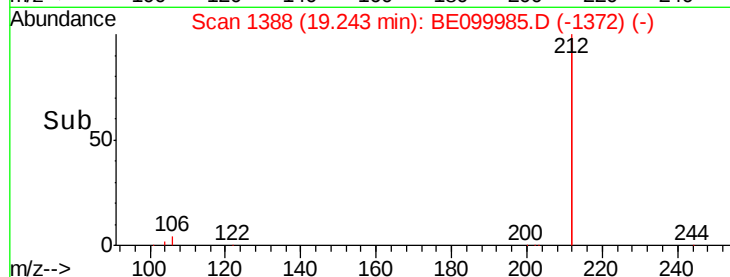
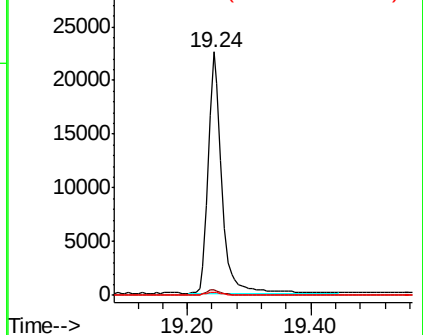
104 1.1 0.9 1.3



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: 0.377 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

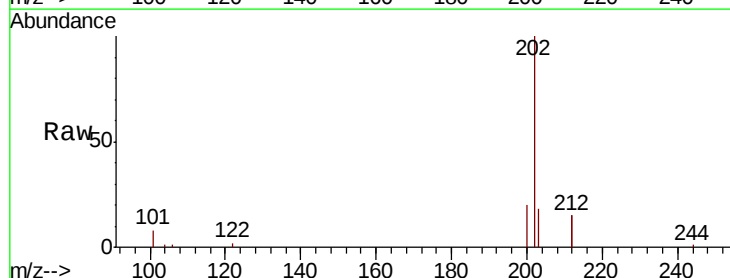
Tgt Ion:202 Resp: 10137

Ion Ratio Lower Upper

202 100

101 6.9 5.4 8.0

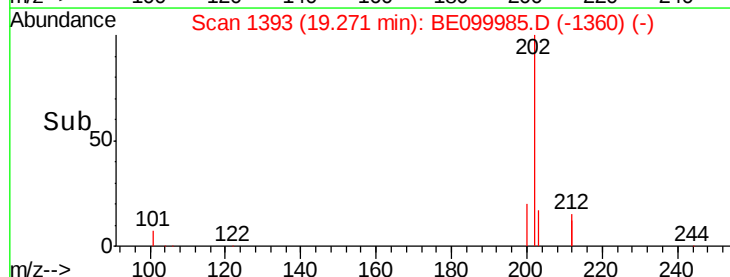
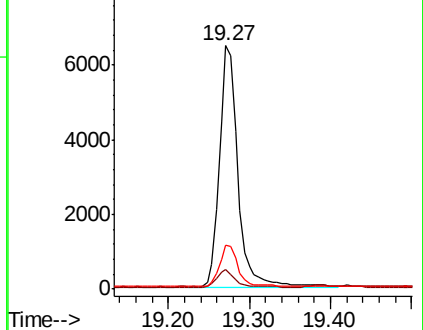
203 17.0 13.2 19.8



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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

Instrument :

BNA_E

ClientSampleId :

GW-02MS

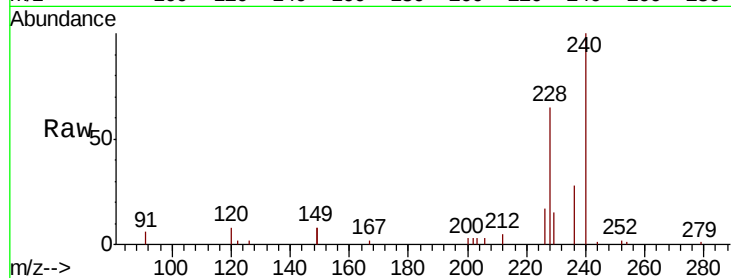
Tgt Ion:240 Resp: 9450

Ion Ratio Lower Upper

240 100

120 8.4 3.8 5.6#

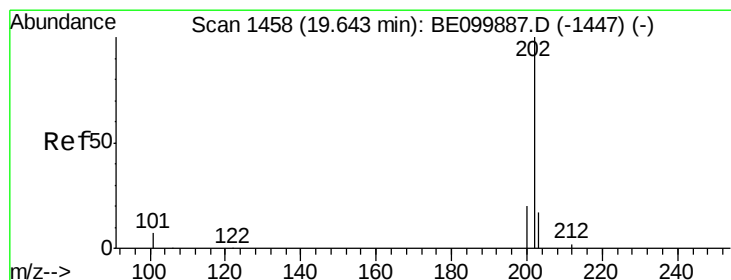
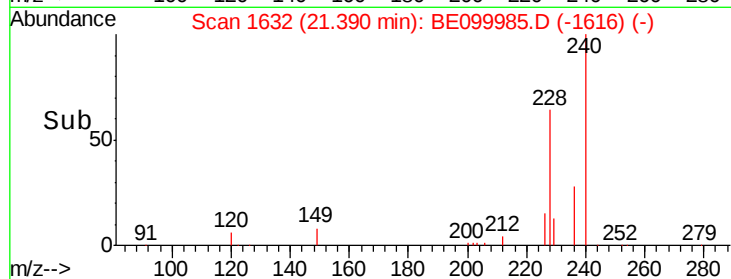
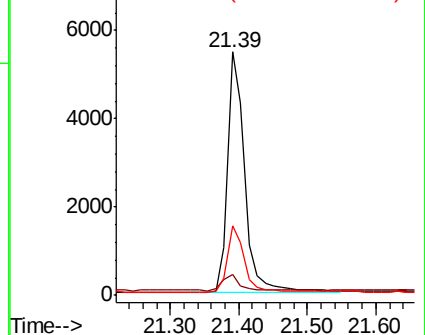
236 28.5 22.0 33.0



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: 0.431 ng

RT: 19.63 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

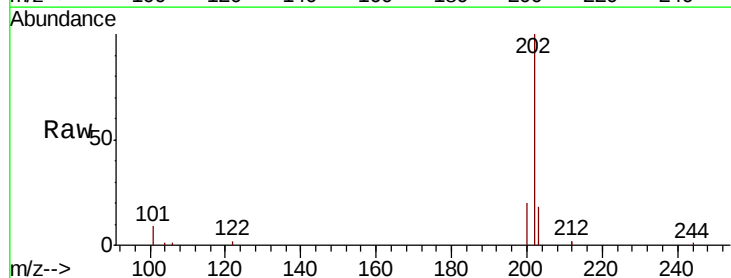
Tgt Ion:202 Resp: 10690

Ion Ratio Lower Upper

202 100

200 19.6 15.5 23.3

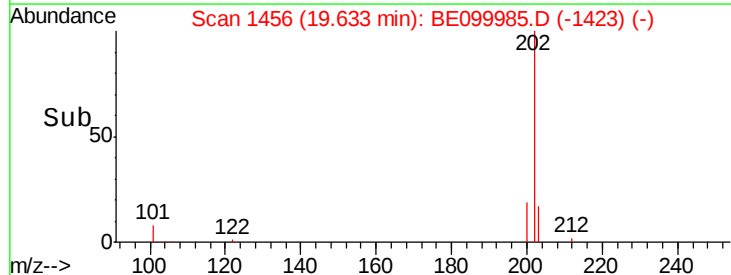
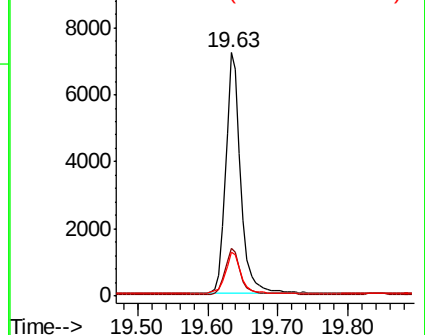
203 17.8 14.0 21.0



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: 0.574 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

Instrument :

BNA_E

ClientSampleId :

GW-02MS

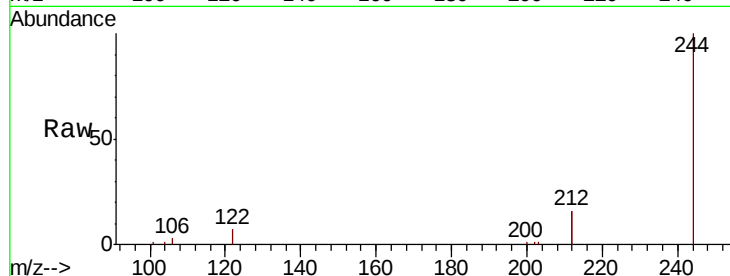
Tgt Ion:244 Resp: 9771

Ion Ratio Lower Upper

244 100

212 32.0 25.7 38.5

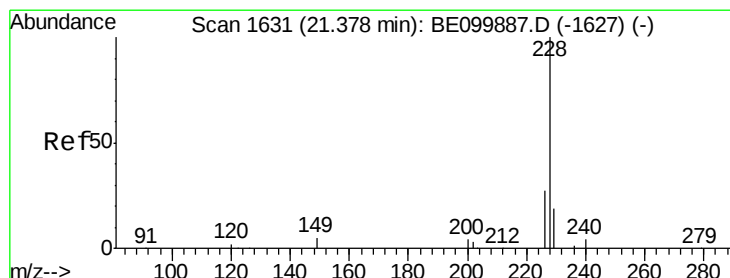
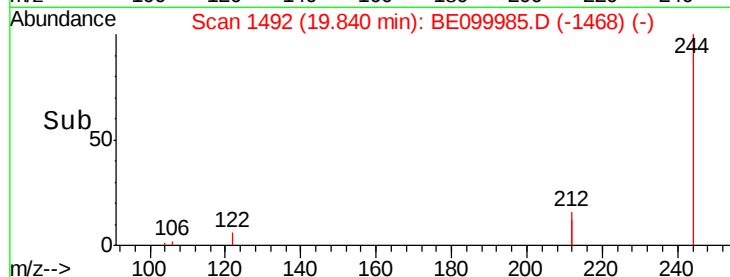
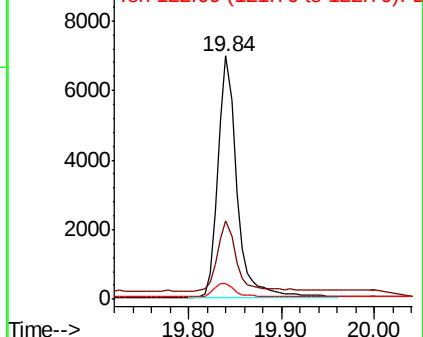
122 6.7 5.5 8.3



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: 0.408 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

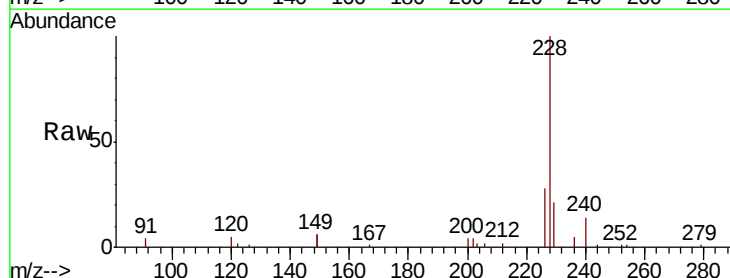
Tgt Ion:228 Resp: 11525

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

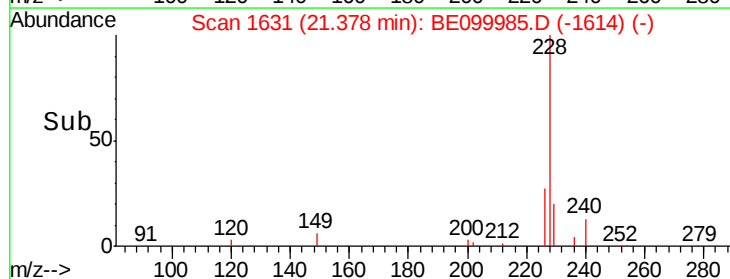
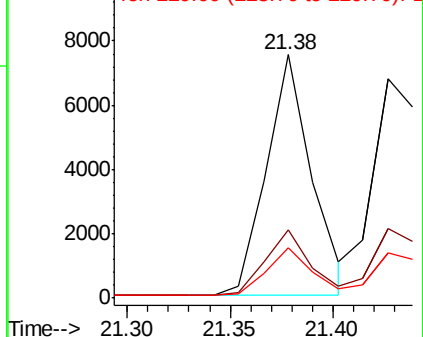
229 20.7 15.9 23.9



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: 0.414 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

Instrument :

BNA_E

ClientSampleId :

GW-02MS

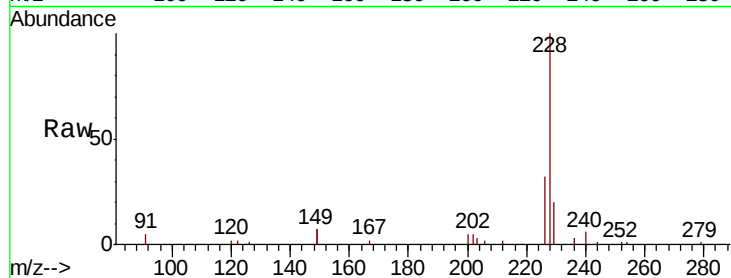
Tgt Ion: 228 Resp: 12089

Ion Ratio Lower Upper

228 100

226 31.8 24.1 36.1

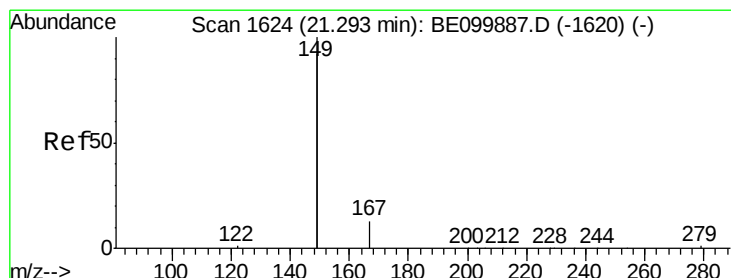
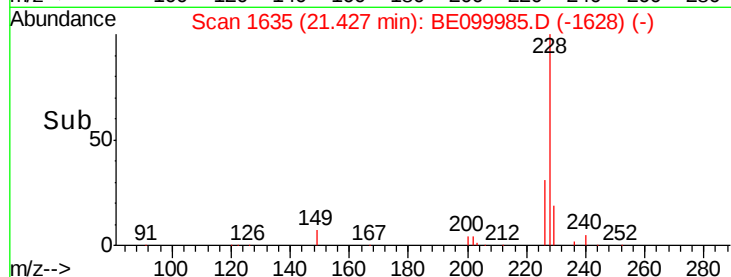
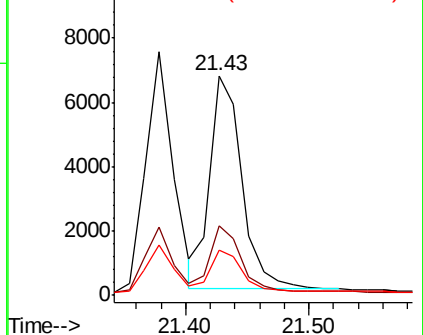
229 20.3 16.1 24.1



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: 0.408 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

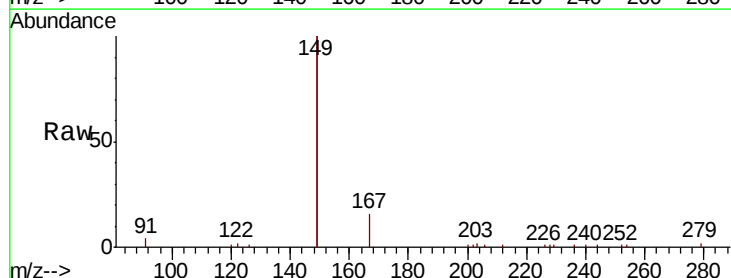
Tgt Ion: 149 Resp: 16528

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

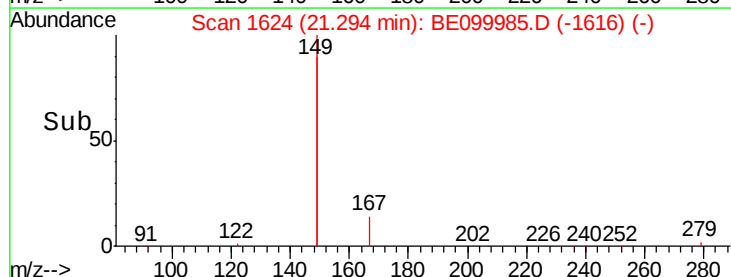
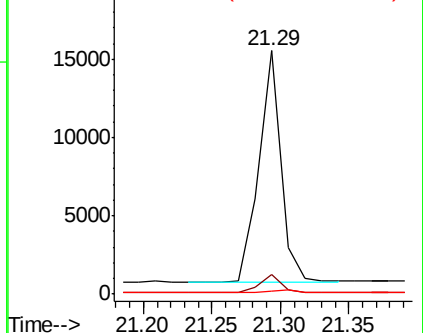
279 1.4 1.2 1.8

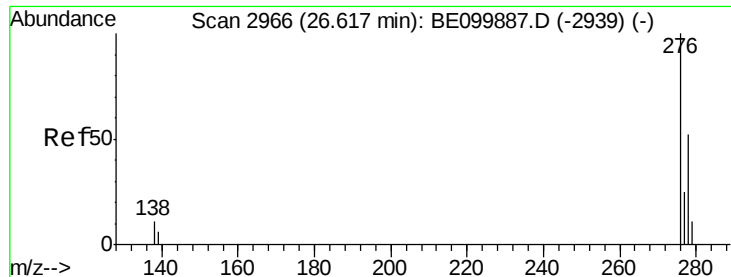


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.384 ng

RT: 26.60 min Scan# 2961

Delta R.T. -0.02 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

Instrument :

BNA_E

ClientSampleId :

GW-02MS

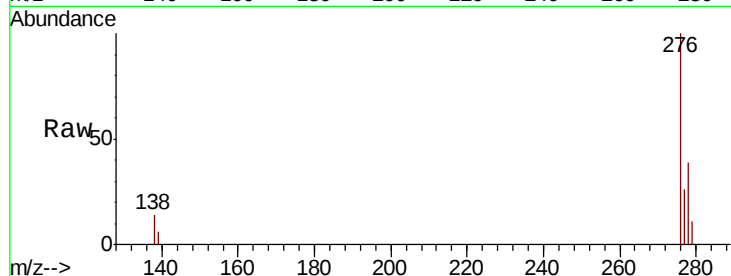
Tgt Ion:276 Resp: 13301

Ion Ratio Lower Upper

276 100

138 5.6 10.1 15.1#

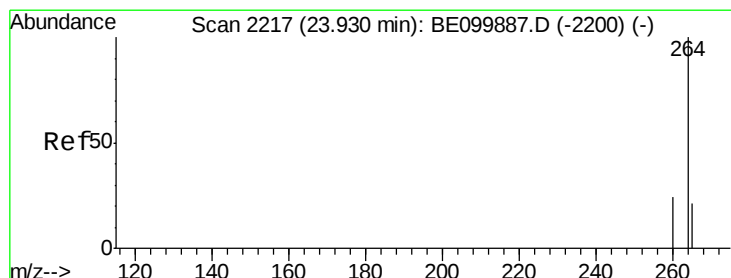
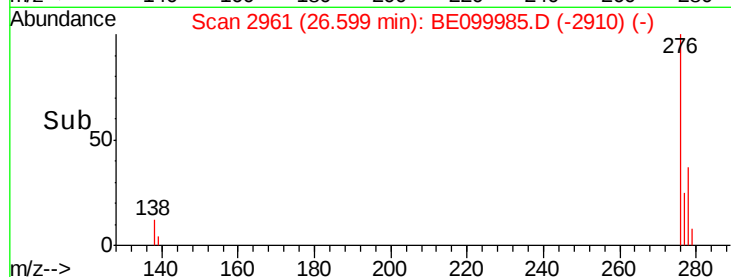
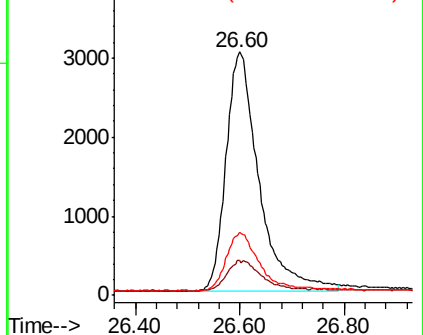
277 24.5 19.1 28.7



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: 23.92 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

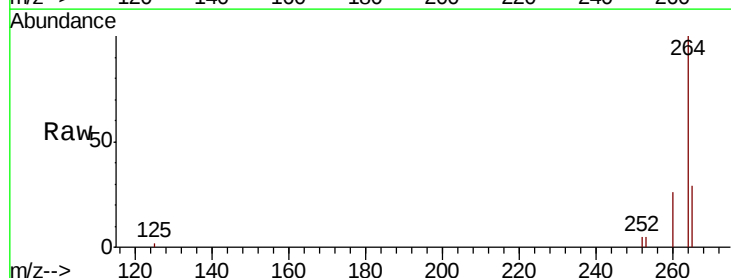
Tgt Ion:264 Resp: 10818

Ion Ratio Lower Upper

264 100

260 25.6 20.2 30.2

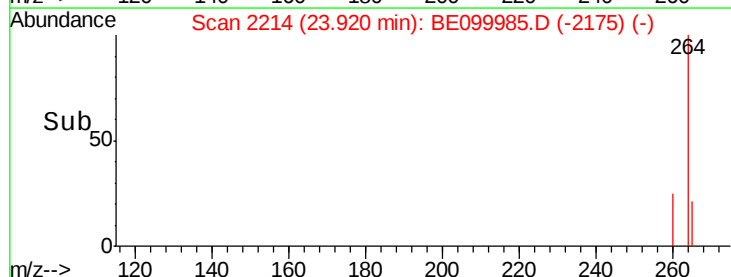
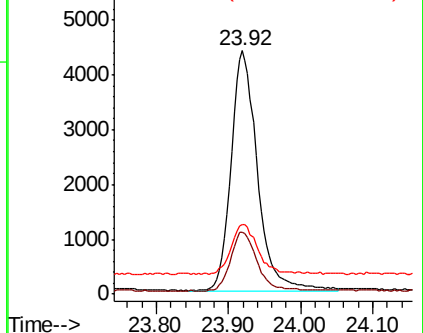
265 28.5 22.0 33.0



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

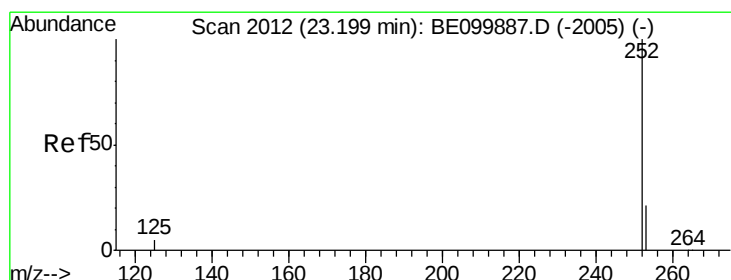
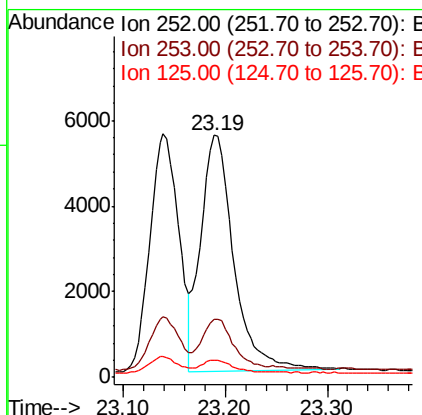
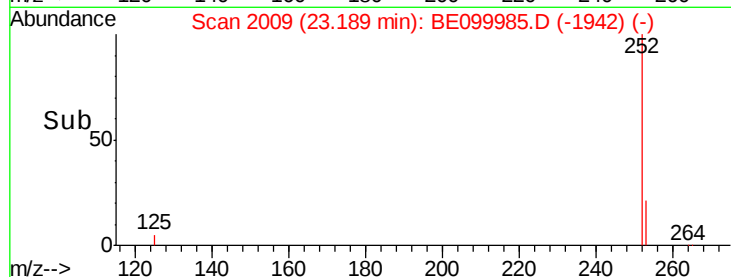
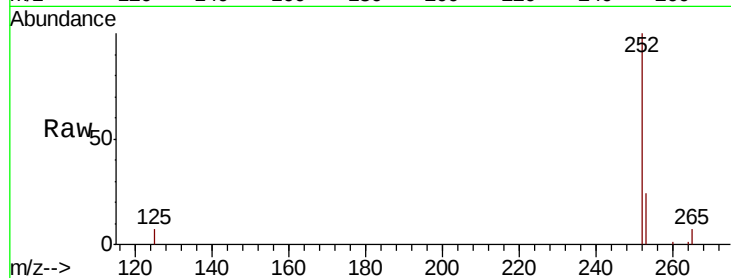




#35
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 23.19 min Scan# 2009
Delta R.T. 0.04 min
Lab File: BE099985.D
Acq: 13 Jun 2019 12:21

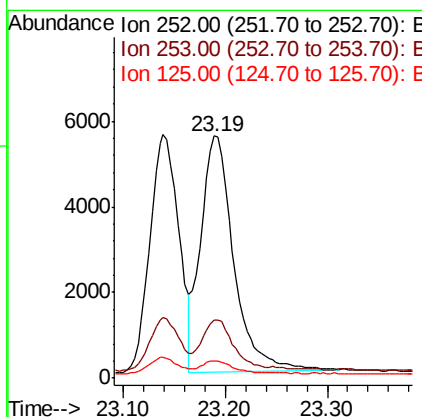
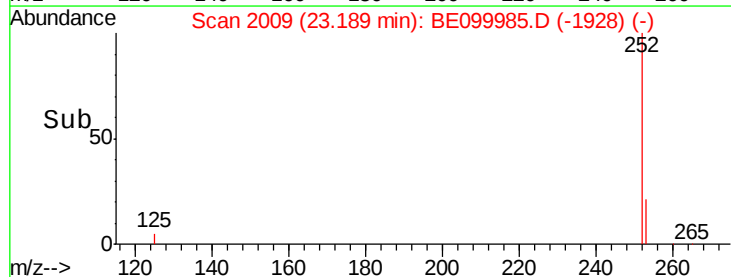
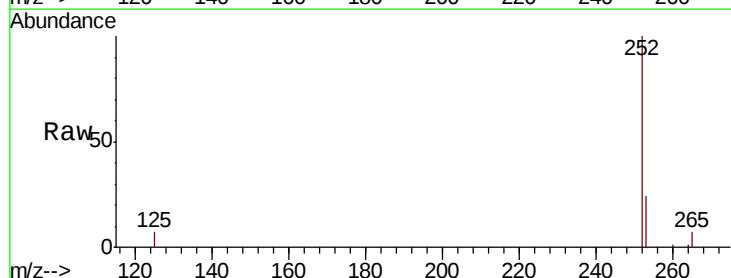
Instrument :
BNA_E
ClientSampleId :
GW-02MS

Tgt Ion:252 Resp: 12325
Ion Ratio Lower Upper
252 100
253 24.0 18.7 28.1
125 7.3 5.7 8.5



#36
Benzo(k)fluoranthene
Concen: 0.389 ng
RT: 23.19 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BE099985.D
Acq: 13 Jun 2019 12:21

Tgt Ion:252 Resp: 12325
Ion Ratio Lower Upper
252 100
253 24.0 18.6 28.0
125 7.3 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.380 ng

RT: 23.81 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

Instrument :

BNA_E

ClientSampleId :

GW-02MS

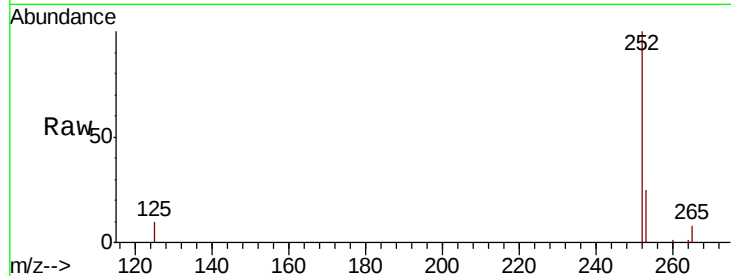
Tgt Ion:252 Resp: 11360

Ion Ratio Lower Upper

252 100

253 25.3 19.6 29.4

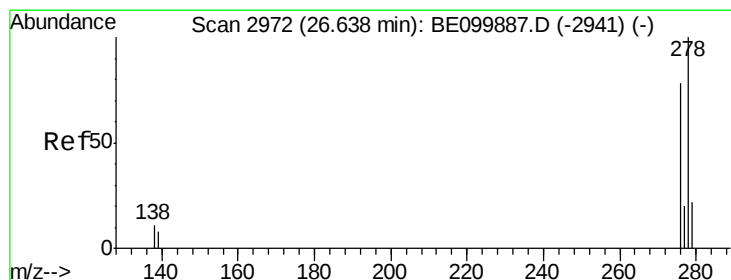
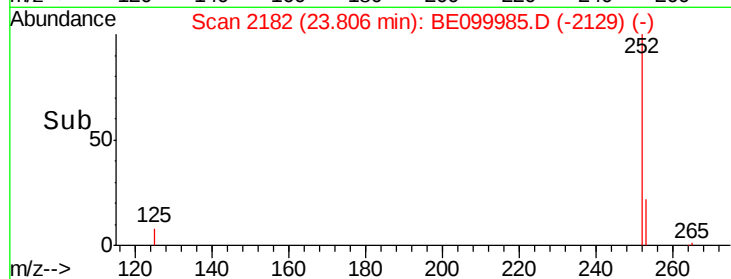
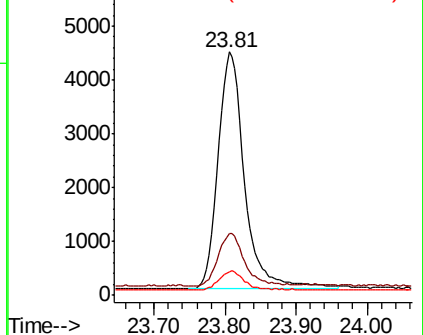
125 9.7 6.6 10.0



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: 0.350 ng

RT: 26.63 min Scan# 2970

Delta R.T. -0.01 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

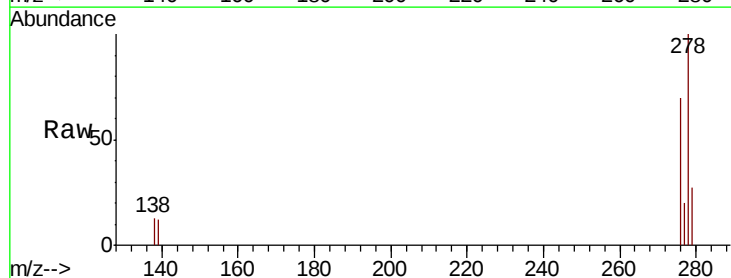
Tgt Ion:278 Resp: 10527

Ion Ratio Lower Upper

278 100

139 11.7 7.8 11.8

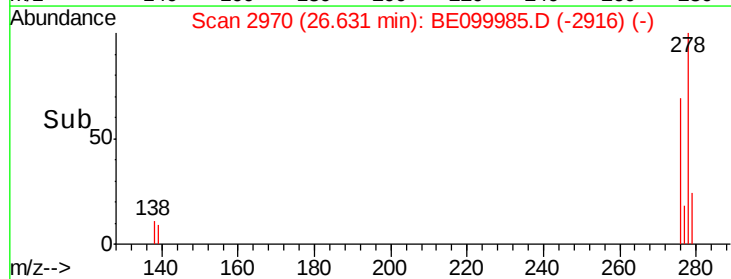
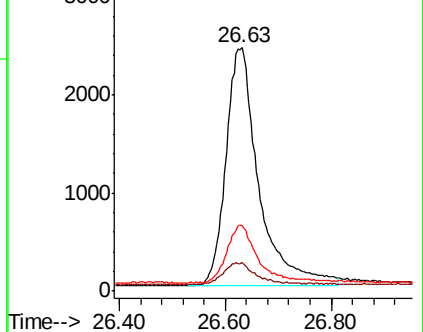
279 26.9 20.0 30.0



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: 0.376 ng

RT: 27.42 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BE099985.D

Acq: 13 Jun 2019 12:21

Instrument :

BNA_E

ClientSampleId :

GW-02MS

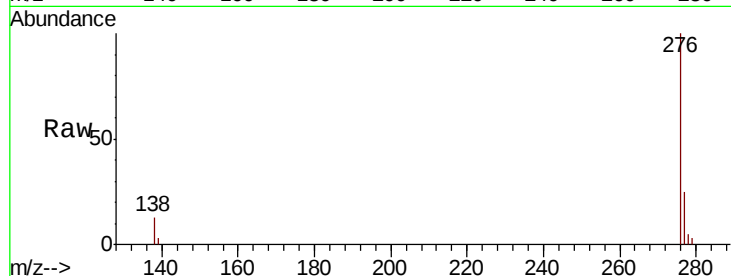
Tgt Ion: 276 Resp: 11669

Ion Ratio Lower Upper

276 100

277 24.6 19.5 29.3

138 13.1 9.5 14.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

