

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
 Data File : BE099590.D
 Acq On : 9 May 2019 14:22
 Operator : JU/SJ
 Sample : K2551-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 09 15:23:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 09 13:32:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	6886	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	6790	0.40	ng	0.01
13) Acenaphthene-d10	14.50	164	4603	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12657	0.40	ng	0.00
27) Chrysene-d12	21.44	240	15716	0.40	ng	0.01
34) Perylene-d12	23.98	264	18572	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	603855	32.05	ng	0.00
5) Phenol-d6	7.00	99	895779	36.21	ng	0.02
8) Nitrobenzene-d5	8.99	82	620740	97.42	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	8	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	478814	175.40	ng	0.01
15) 2-Fluorobiphenyl	13.13	172	1464901	82.10	ng	0.02
25) Fluoranthene-d10	19.28	212	51	0.00	ng	0.00
29) Terphenyl-d14	19.88	244	3094958	110.81	ng	0.01

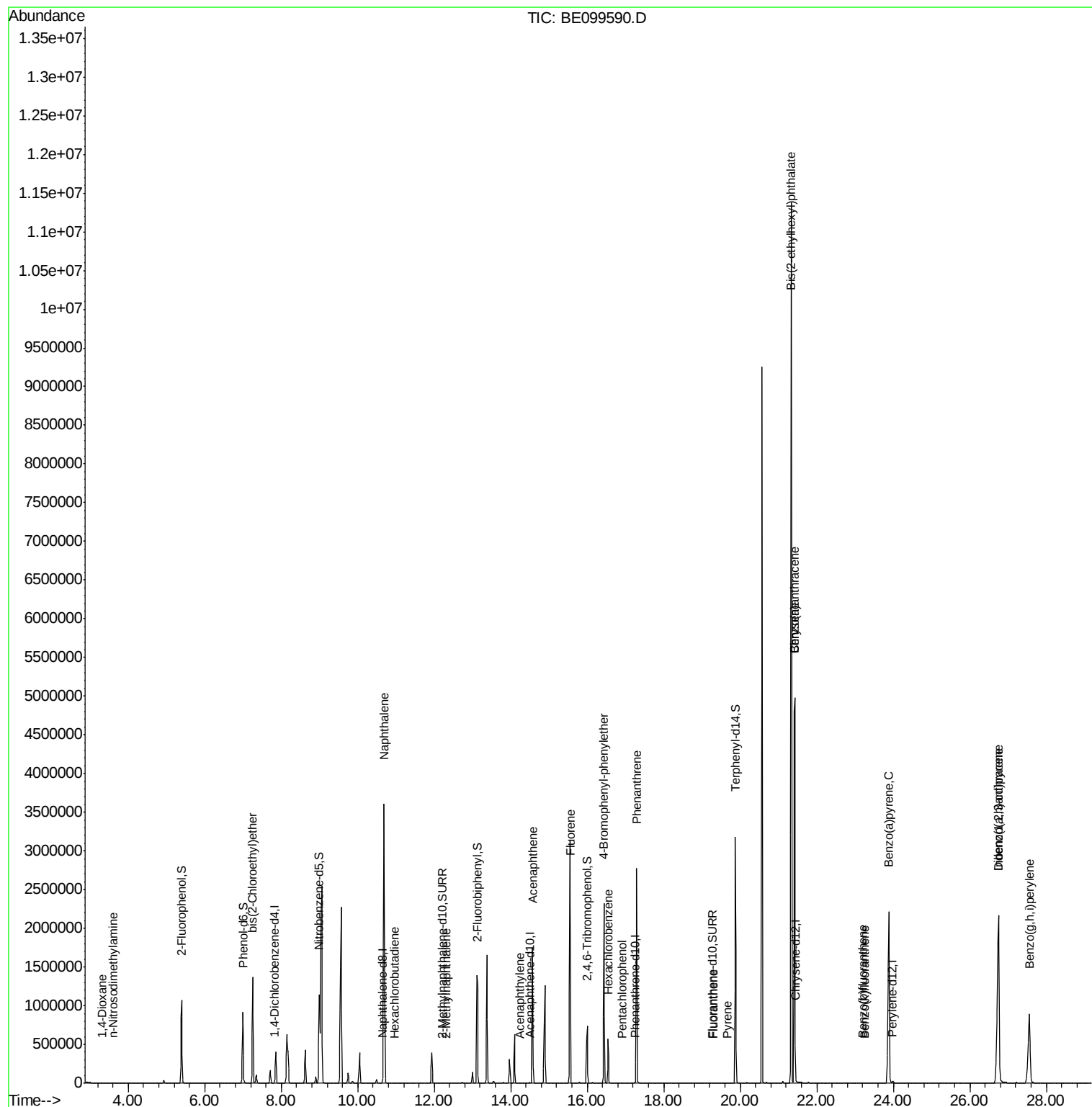
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	39	0.004	ng	# 1
3) n-Nitrosodimethylamine	3.60	42	49	0.008	ng	# 1
6) bis(2-Chloroethyl)ether	7.25	93	527099	25.632	ng	98
9) Naphthalene	10.69	128	6296083	87.017	ng	100
10) Hexachlorobutadiene	10.95	225	16	0.003	ng	# 19
12) 2-Methylnaphthalene	12.31	142	266	0.023	ng	# 81
16) Acenaphthylene	14.23	152	346	0.016	ng	# 82
17) Acenaphthene	14.57	154	961544	77.275	ng	99
18) Fluorene	15.55	166	2026103	114.121	ng	100
20) 4-Bromophenyl-phenylether	16.44	248	1183498	163.910	ng	94
21) Hexachlorobenzene	16.54	284	498391	68.752	ng	98
22) Pentachlorophenol	16.92	266	97	0.273	ng	# 63
23) Phenanthrene	17.29	178	2954713	94.052	ng	97
26) Fluoranthene	19.30	202	1584	0.034	ng	95
28) Pyrene	19.67	202	1894	0.046	ng	# 92
30) Benzo(a)anthracene	21.43	228	5464490	113.874	ng	# 95
31) Chrysene	21.43	228	4619370	96.286	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.33	149	16613202	240.879	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.75	276	1113872	18.605	ng	# 87
35) Benzo(b)fluoranthene	23.19	252	2537	0.049	ng	# 1
36) Benzo(k)fluoranthene	23.24	252	1042	0.020	ng	# 7
37) Benzo(a)pyrene	23.88	252	4129901	83.089	ng	# 97
38) Dibenzo(a,h)anthracene	26.75	278	4506628	86.732	ng	# 97
39) Benzo(g,h,i)perylene	27.55	276	2442426	46.438	ng	97

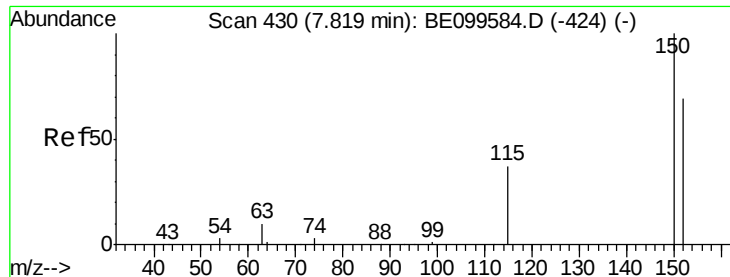
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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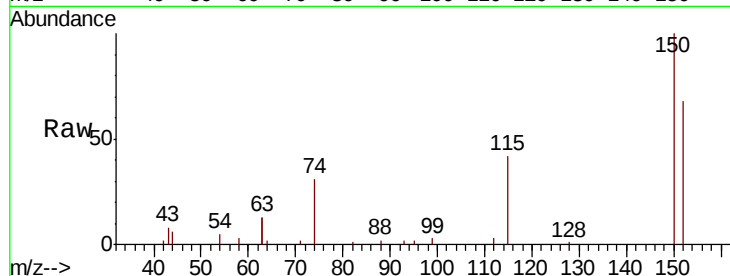


#1

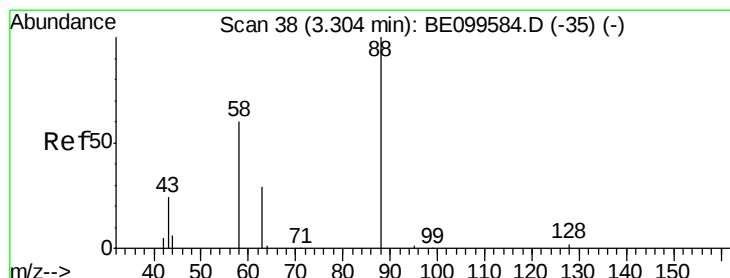
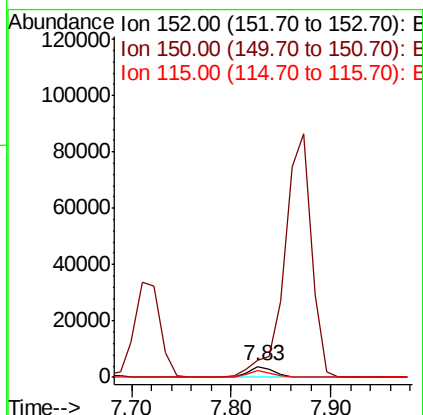
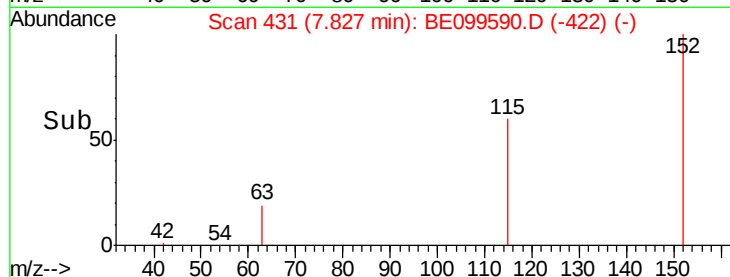
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.01 min
Lab File: BE099590.D
Acq: 9 May 2019 14:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 6886
Ion Ratio Lower Upper
152 100
150 147.5 114.2 171.4
115 61.8 45.4 68.0



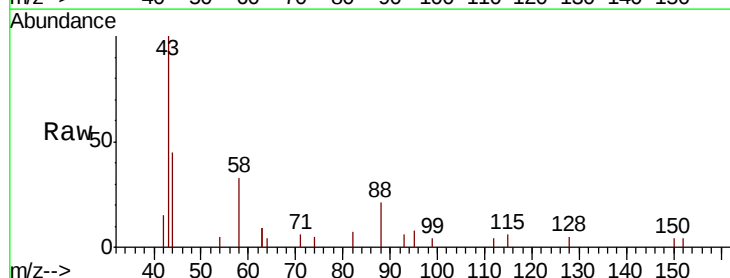
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



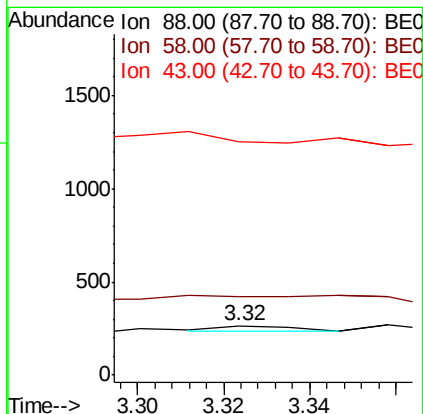
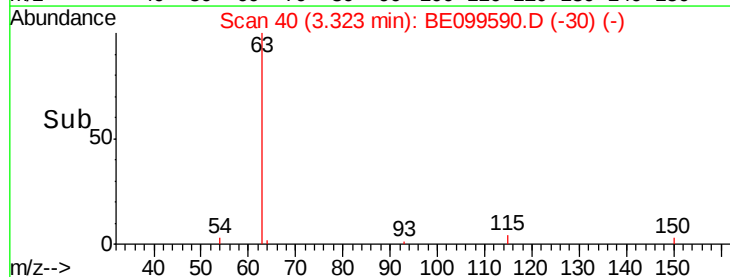
#2

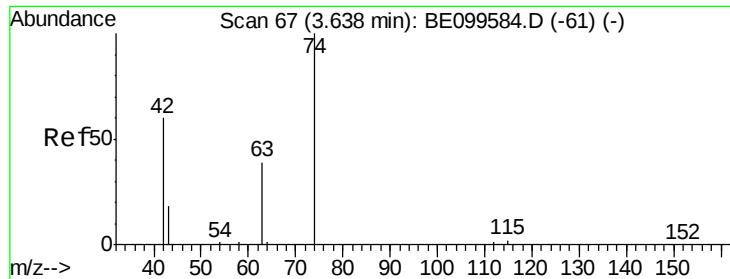
1,4-Dioxane
Concen: 0.004 ng
RT: 3.32 min Scan# 40
Delta R.T. 0.02 min
Lab File: BE099590.D
Acq: 9 May 2019 14:22

Tgt Ion: 88 Resp: 39
Ion Ratio Lower Upper
88 100
58 192.3 41.3 61.9#
43 0.0 21.0 31.6#



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



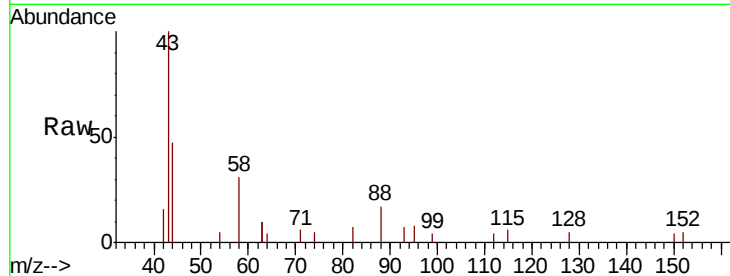


#3

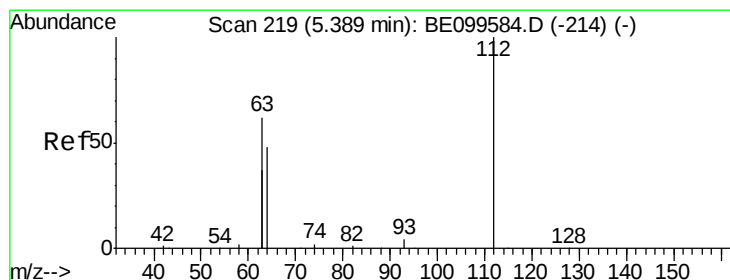
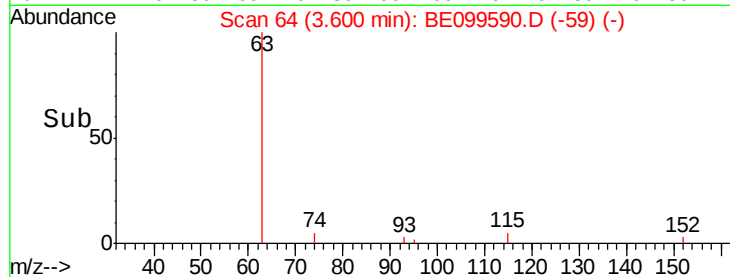
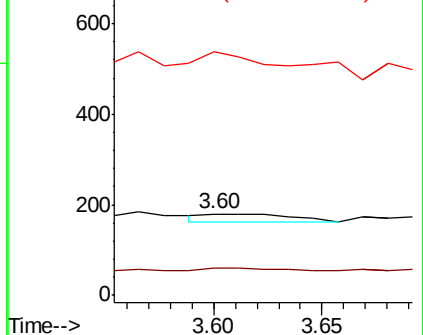
n-Nitrosodimethylamine
 Concen: 0.008 ng
 RT: 3.60 min Scan# 64
 Delta R.T. -0.04 min
 Lab File: BE099590.D
 Acq: 9 May 2019 14:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 42 Resp: 49
 Ion Ratio Lower Upper
 42 100
 74 24.5 136.9 205.3#
 44 344.9 7.1 10.7#



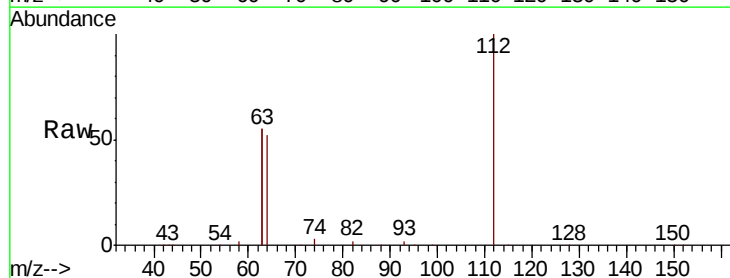
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



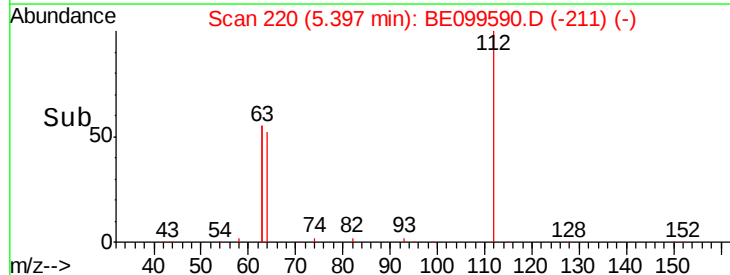
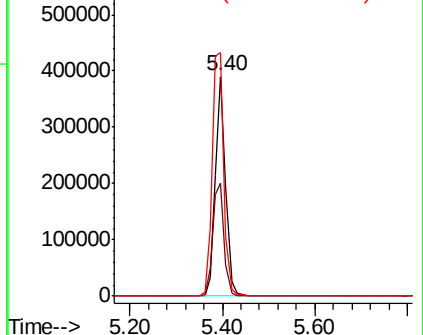
#4

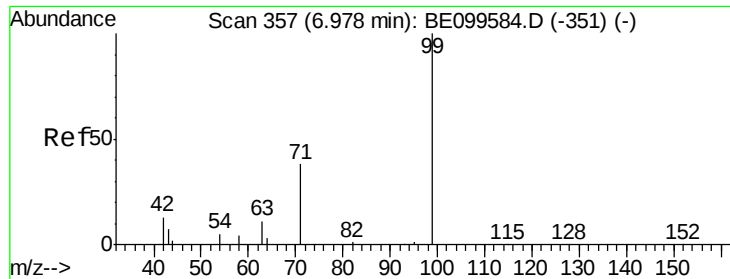
2-Fluorophenol
 Concen: 32.051 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BE099590.D
 Acq: 9 May 2019 14:22

Tgt Ion: 112 Resp: 603855
 Ion Ratio Lower Upper
 112 100
 64 57.1 46.2 69.4
 63 127.9 100.2 150.4



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: 36.206 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.02 min

Lab File: BE099590.D

Acq: 9 May 2019 14:22

Instrument :

BNA_G

ClientSampleId :

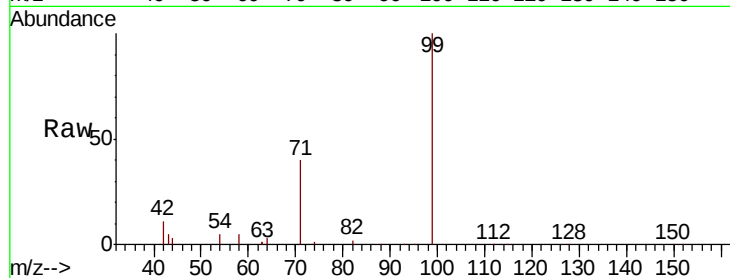
Tot Ion: 99 Resp: 895779

Ion Ratio Lower Upper

99 100

42 15.5 13.8 20.8

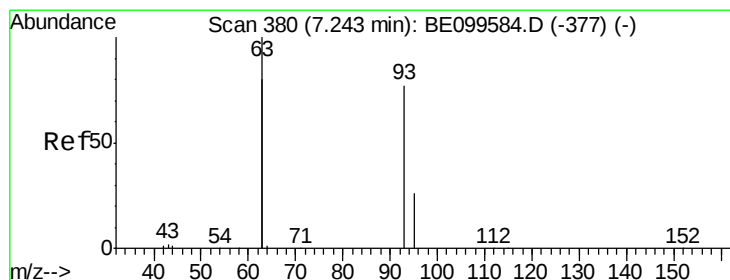
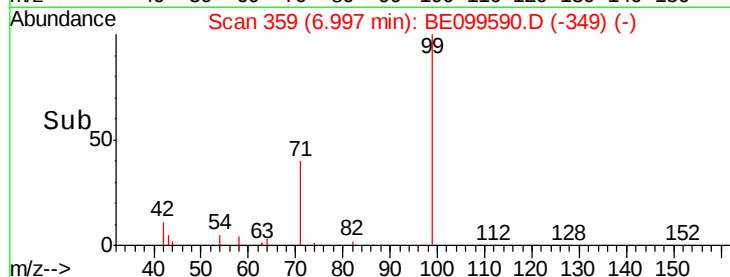
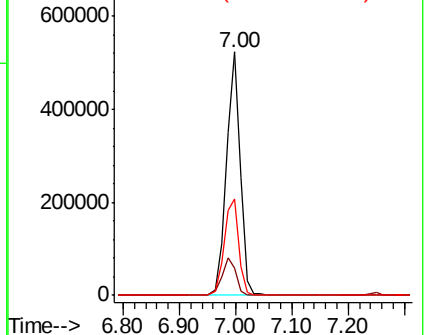
71 42.1 32.2 48.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 25.632 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.01 min

Lab File: BE099590.D

Acq: 9 May 2019 14:22

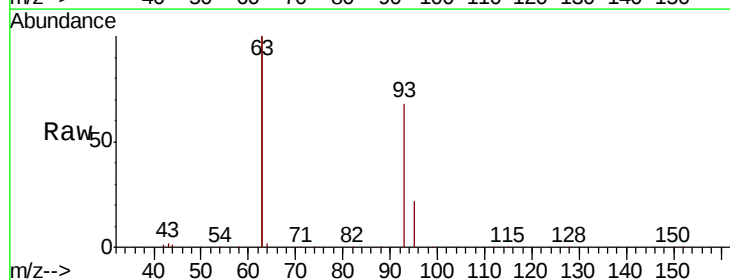
Tgt Ion: 93 Resp: 527099

Ion Ratio Lower Upper

93 100

63 269.9 213.4 320.0

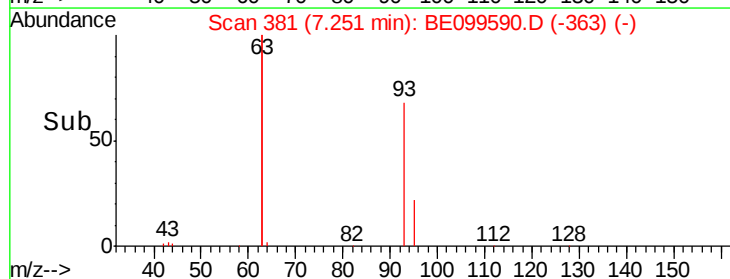
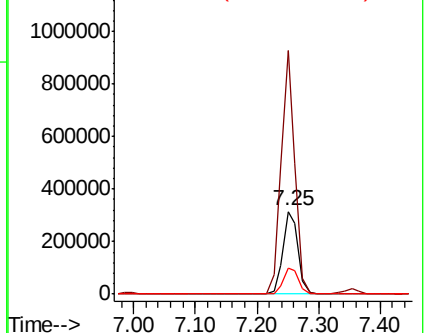
95 32.6 24.9 37.3

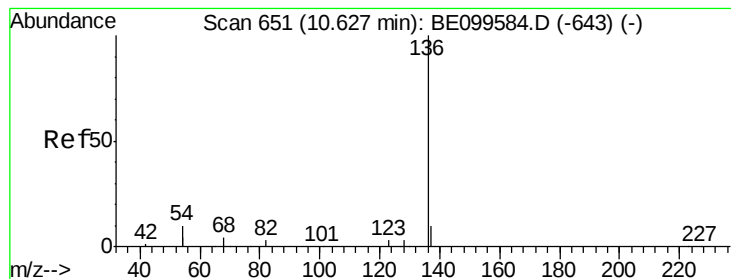


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.64 min Scan# 653

Delta R.T. 0.01 min

Lab File: BE099590.D

Acq: 9 May 2019 14:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 6790

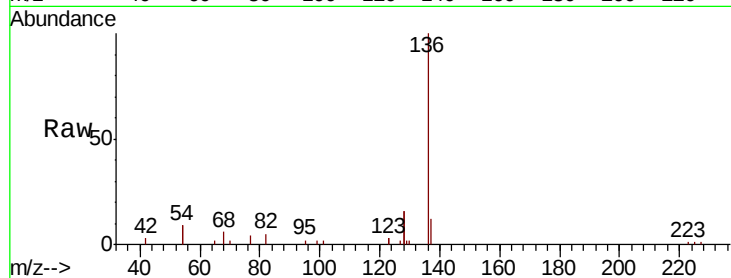
Ion Ratio Lower Upper

136 100

137 12.1 9.1 13.7

54 18.6 16.5 24.7

68 5.5 4.5 6.7

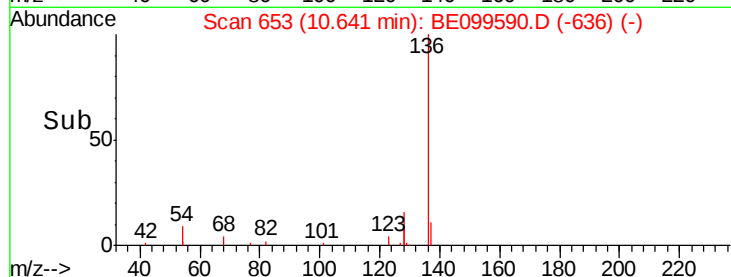


Abundance Ion 136.00 (135.70 to 136.70): E

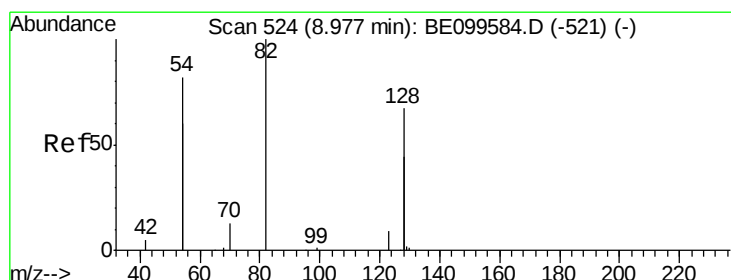
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 97.422 ng

RT: 8.99 min Scan# 526

Delta R.T. 0.01 min

Lab File: BE099590.D

Acq: 9 May 2019 14:22

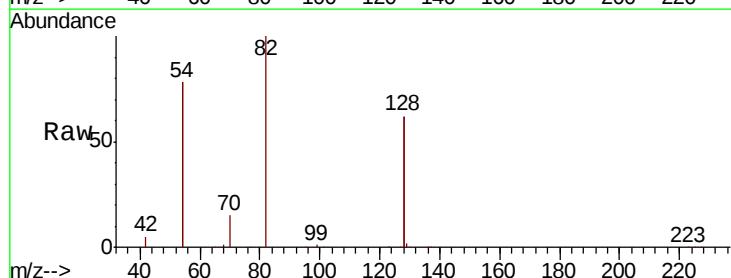
Tgt Ion: 82 Resp: 620740

Ion Ratio Lower Upper

82 100

128 123.8 101.5 152.3

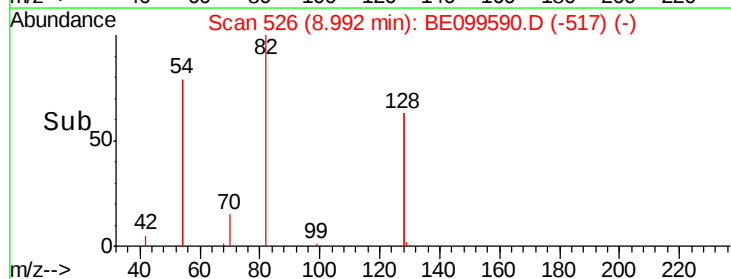
54 156.0 123.8 185.6



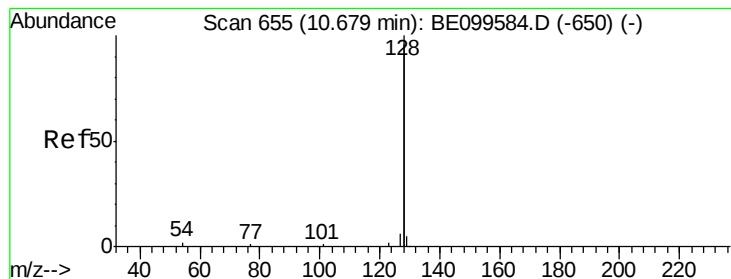
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 87.017 ng

RT: 10.69 min Scan# 657

Delta R.T. 0.01 min

Lab File: BE099590.D

Acq: 9 May 2019 14:22

Instrument :

BNA_G

ClientSampleId :

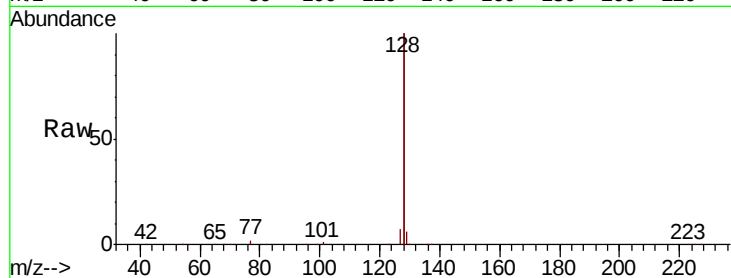
Tot Ion:128 Resp: 6296083

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

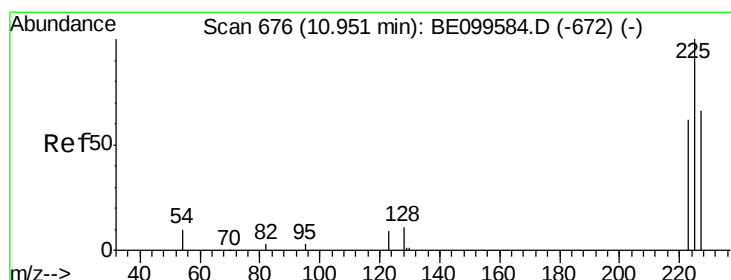
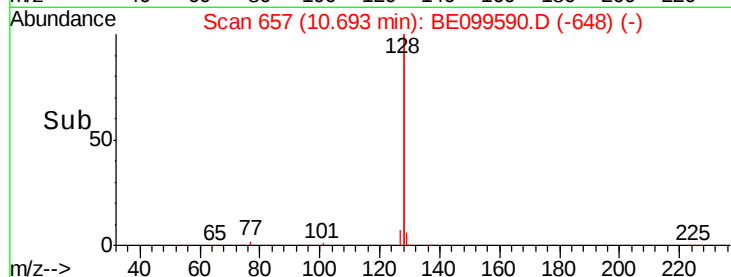
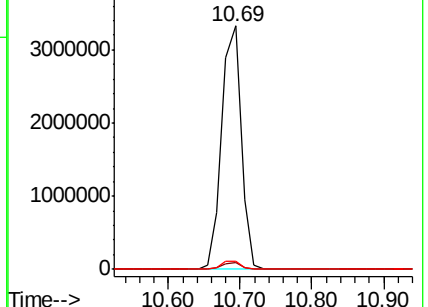
127 3.3 2.8 4.2



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: 0.003 ng

RT: 10.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: BE099590.D

Acq: 9 May 2019 14:22

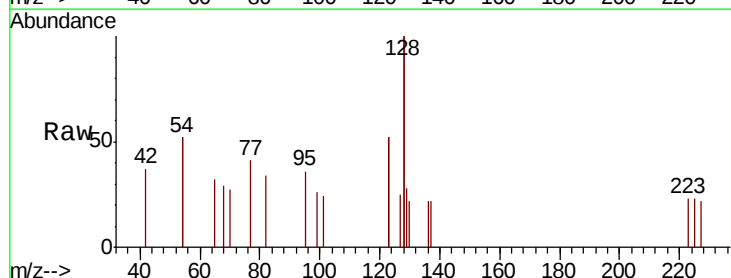
Tgt Ion:225 Resp: 16

Ion Ratio Lower Upper

225 100

223 0.0 49.6 74.4#

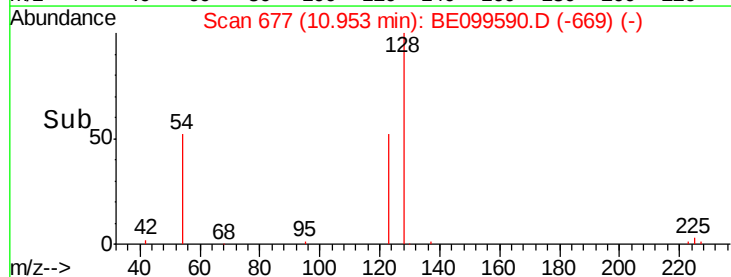
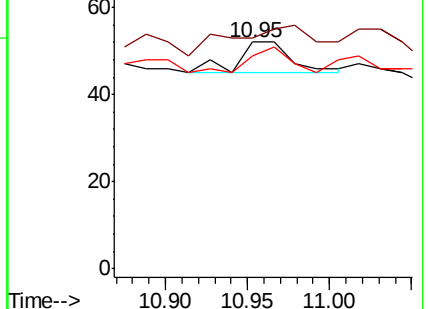
227 0.0 50.1 75.1#

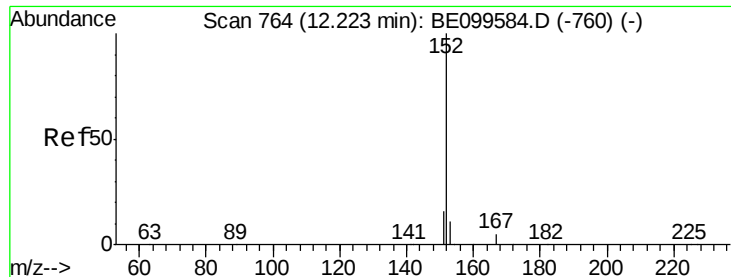


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

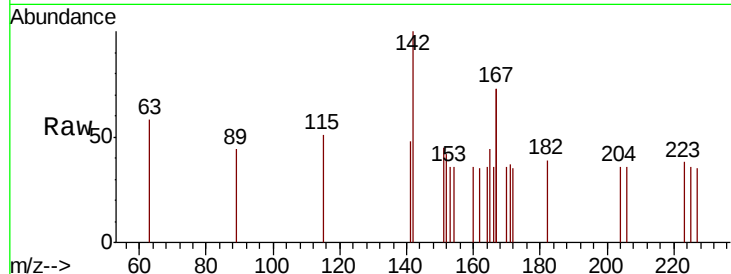




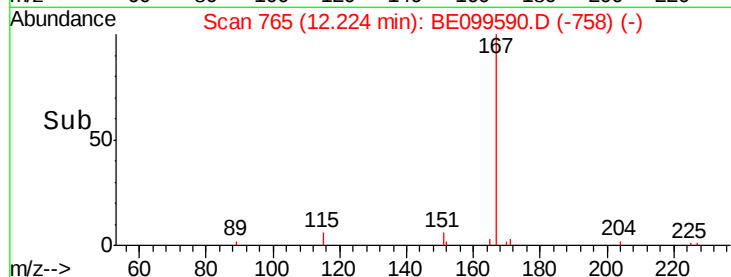
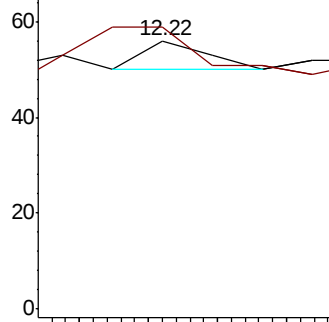
#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.22 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE099590.D
Acq: 9 May 2019 14:22

Instrument :
BNA_G
ClientSampleId :

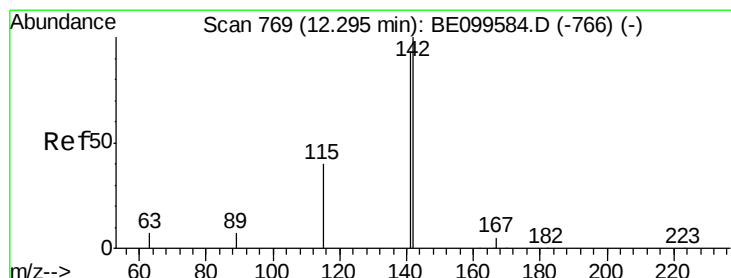
Tot Ion:152 Resp: 8
Ion Ratio Lower Upper
152 100
151 300.0 16.2 24.2#



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

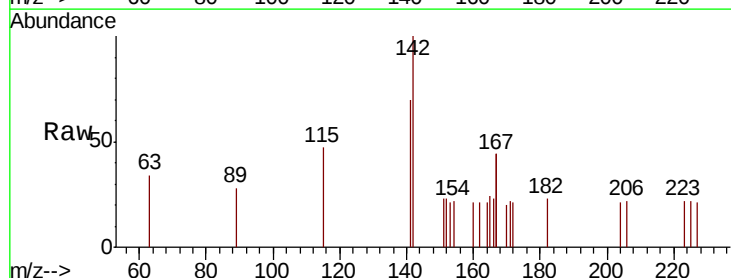


Time-->

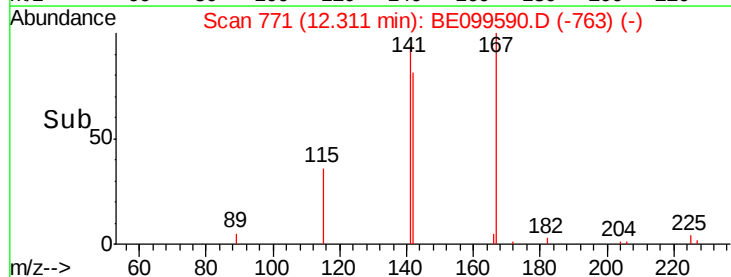
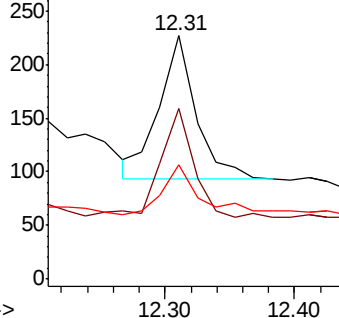


#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 12.31 min Scan# 771
Delta R.T. 0.02 min
Lab File: BE099590.D
Acq: 9 May 2019 14:22

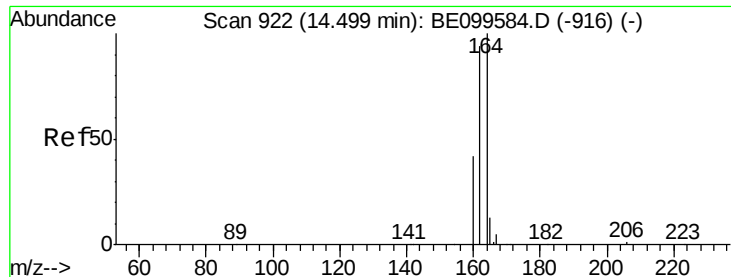
Tgt Ion:142 Resp: 266
Ion Ratio Lower Upper
142 100
141 70.0 75.0 112.4#
115 46.7 33.7 50.5



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



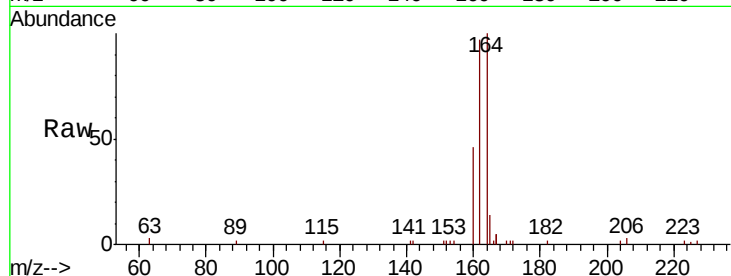
Time-->



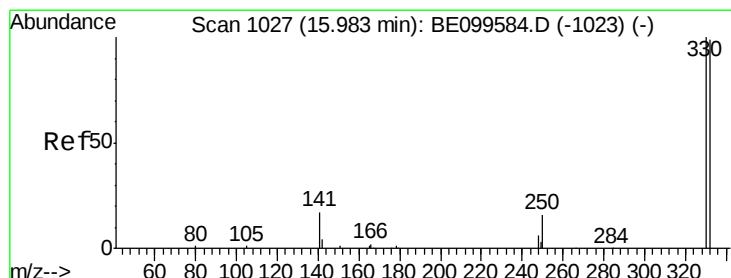
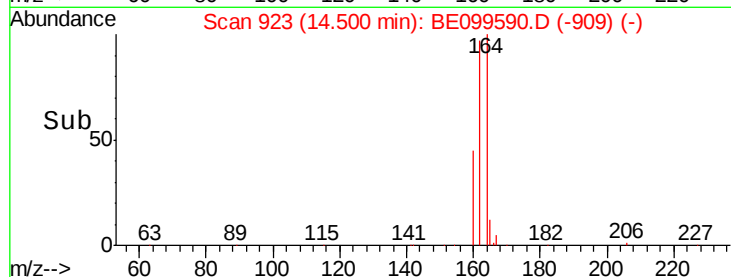
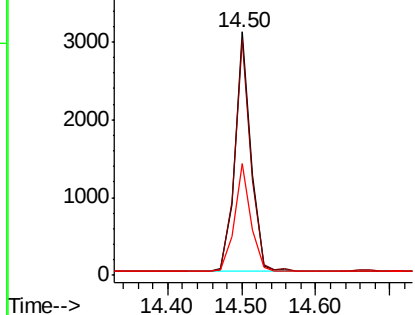
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE099590.D
Acq: 9 May 2019 14:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 4603
Ion Ratio Lower Upper
164 100
162 97.2 75.3 112.9
160 45.8 34.7 52.1

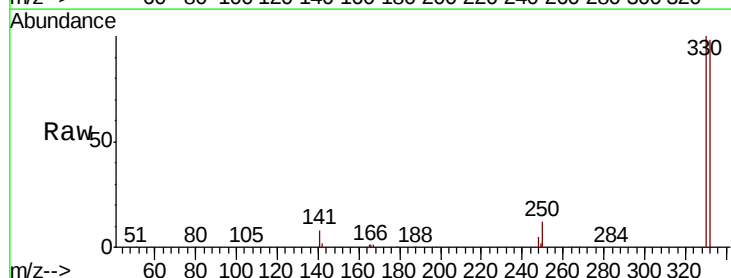


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

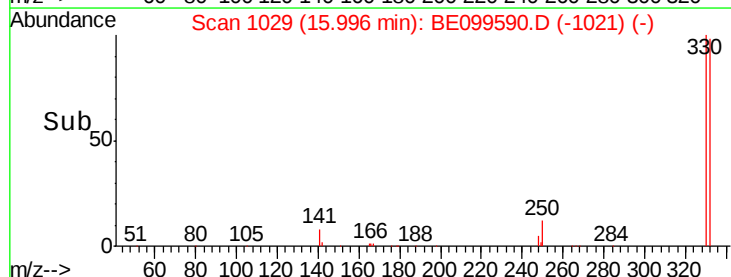
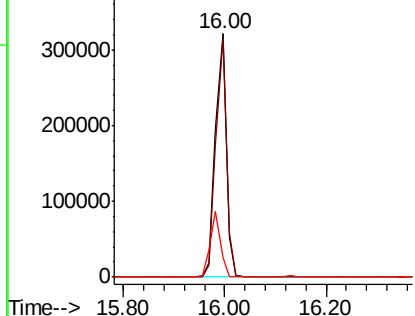


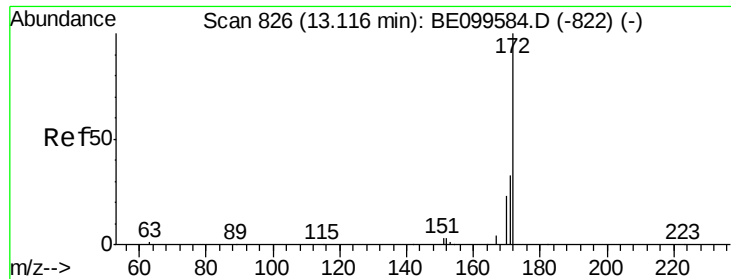
#14
2,4,6-Tribromophenol
Concen: 175.400 ng
RT: 16.00 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BE099590.D
Acq: 9 May 2019 14:22

Tgt Ion:330 Resp: 478814
Ion Ratio Lower Upper
330 100
332 95.9 78.7 118.1
141 25.9 22.3 33.5



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

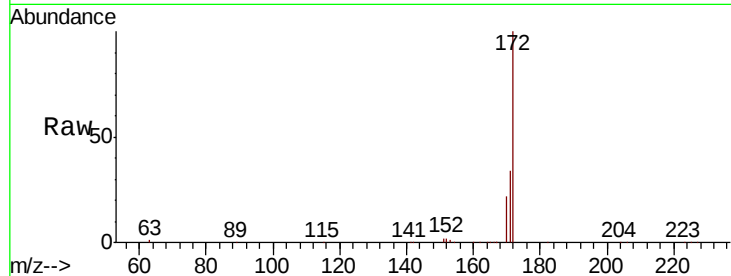




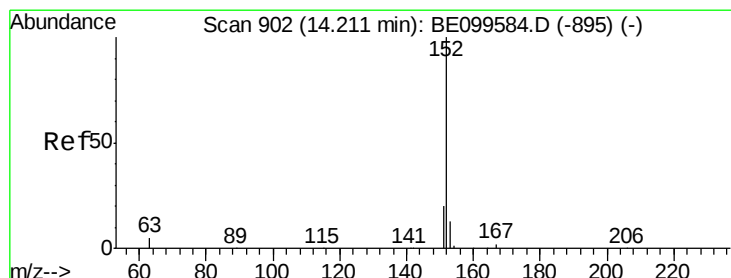
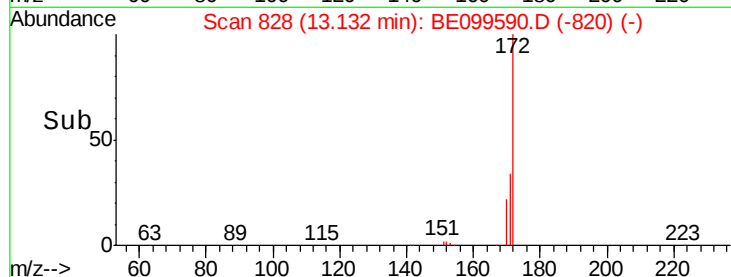
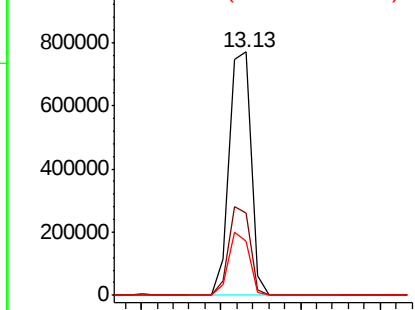
#15
2-Fluorobiphenyl
Concen: 82.097 ng
RT: 13.13 min Scan# 828
Delta R.T. 0.02 min
Lab File: BE099590.D
Acq: 9 May 2019 14:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1464901
Ion Ratio Lower Upper
172 100
171 34.0 27.5 41.3
170 22.2 19.1 28.7

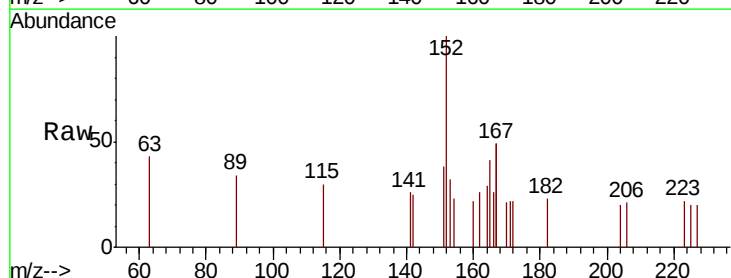


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

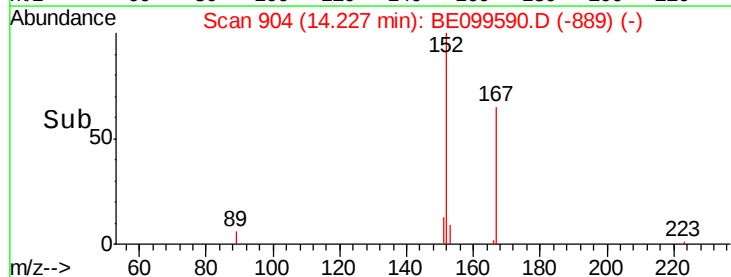
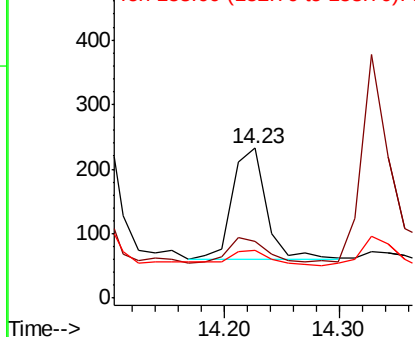


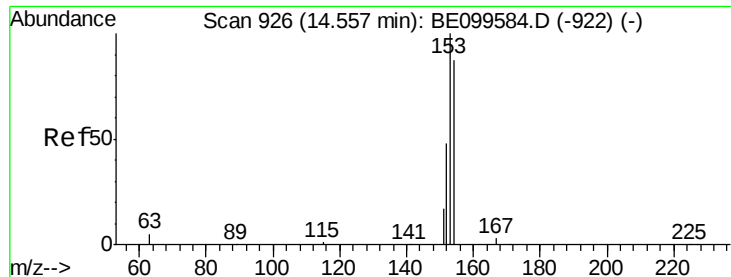
#16
Acenaphthylene
Concen: 0.016 ng
RT: 14.23 min Scan# 904
Delta R.T. 0.02 min
Lab File: BE099590.D
Acq: 9 May 2019 14:22

Tgt Ion:152 Resp: 346
Ion Ratio Lower Upper
152 100
151 27.5 15.5 23.3#
153 20.5 10.2 15.4#



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: 77.275 ng

RT: 14.57 min Scan# 928

Delta R.T. 0.02 min

Lab File: BE099590.D

Acq: 9 May 2019 14:22

Instrument :

BNA_G

ClientSampleId :

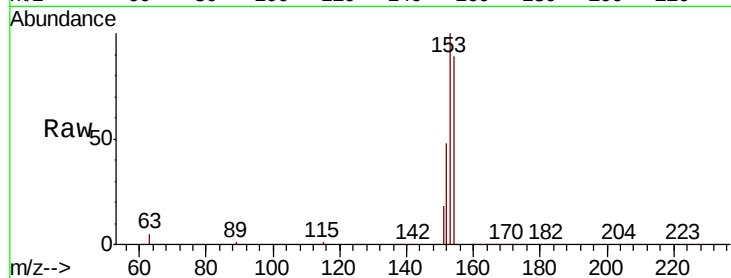
Tot Ion:154 Resp: 961544

Ion Ratio Lower Upper

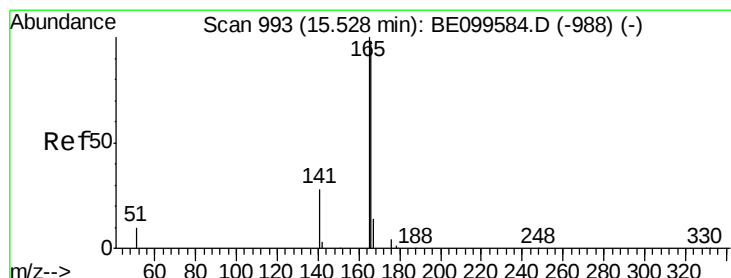
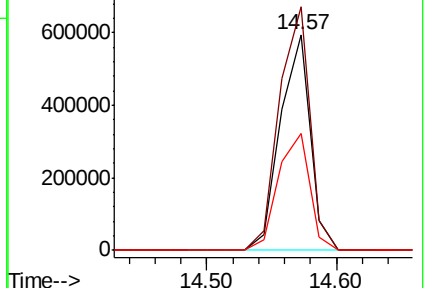
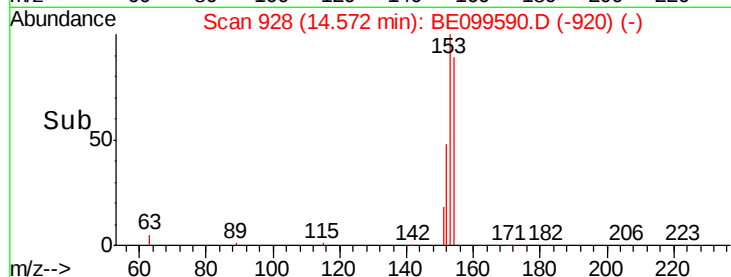
154 100

153 115.5 92.9 139.3

152 56.7 46.3 69.5



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: 114.121 ng

RT: 15.55 min Scan# 996

Delta R.T. 0.03 min

Lab File: BE099590.D

Acq: 9 May 2019 14:22

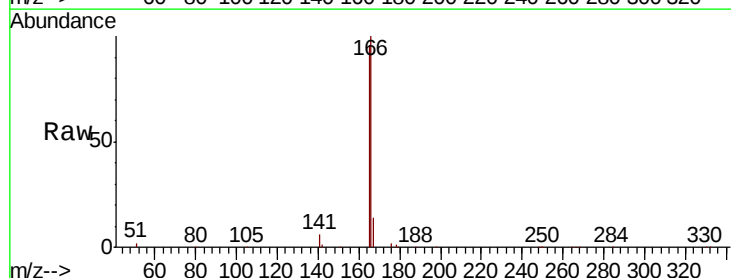
Tgt Ion:166 Resp: 2026103

Ion Ratio Lower Upper

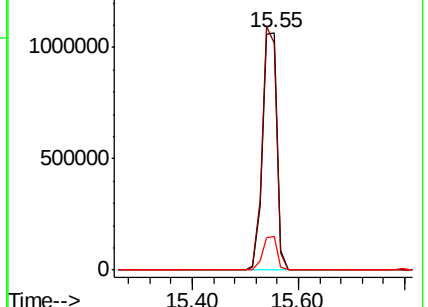
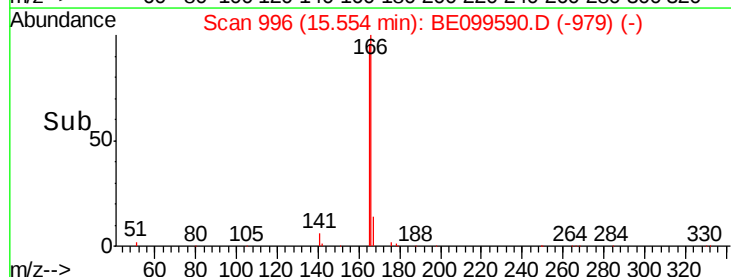
166 100

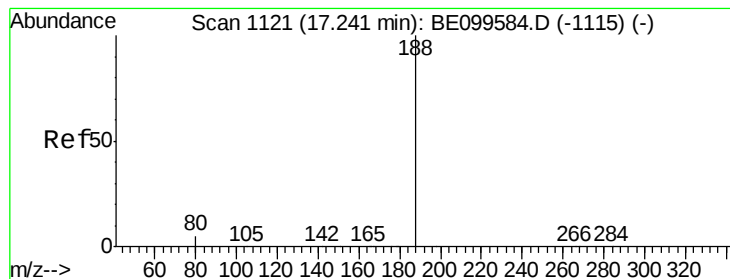
165 100.2 80.5 120.7

167 13.9 11.6 17.4



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: 17.24 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099590.D

Acq: 9 May 2019 14:22

Instrument :

BNA_G

ClientSampleId :

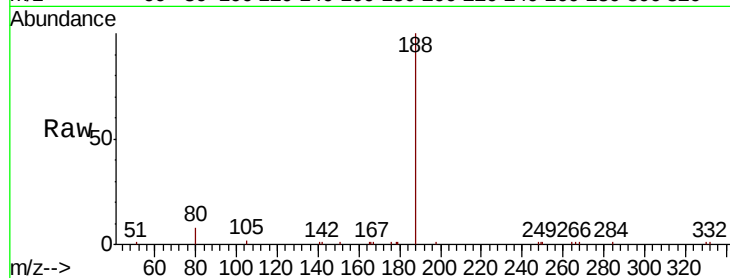
Tot Ion:188 Resp: 12657

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

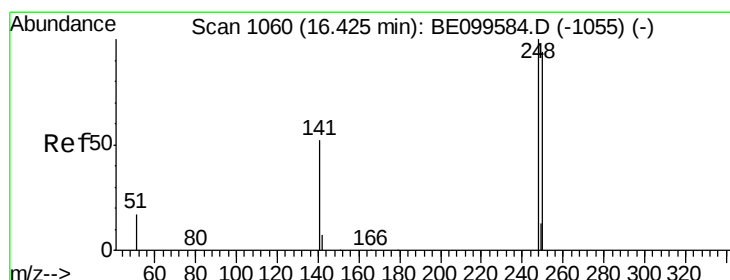
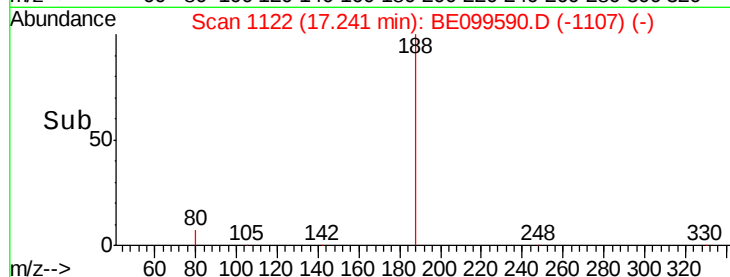
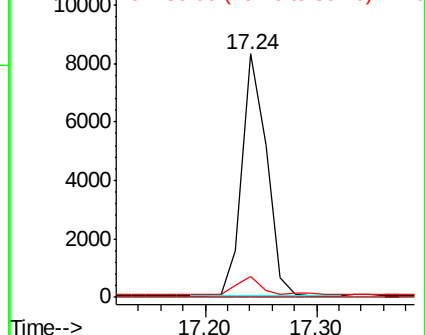
80 8.4 4.4 6.6#



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: 163.910 ng

RT: 16.44 min Scan# 1062

Delta R.T. 0.01 min

Lab File: BE099590.D

Acq: 9 May 2019 14:22

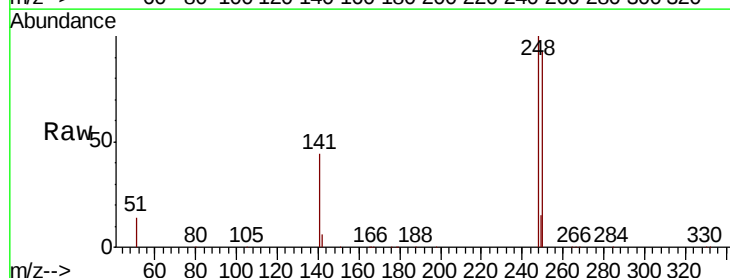
Tgt Ion:248 Resp: 1183498

Ion Ratio Lower Upper

248 100

250 92.7 75.7 113.5

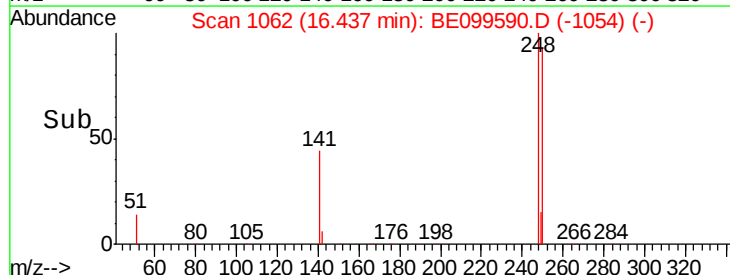
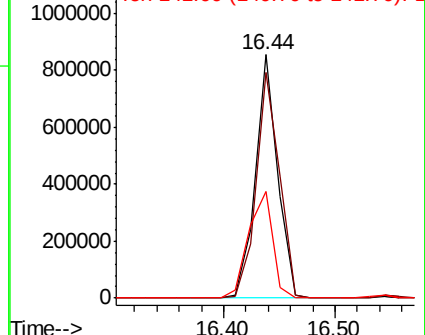
141 43.8 42.9 64.3

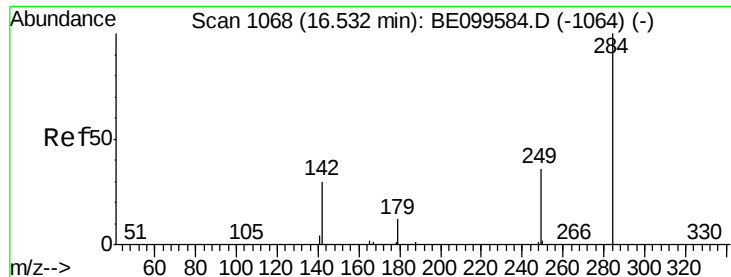


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

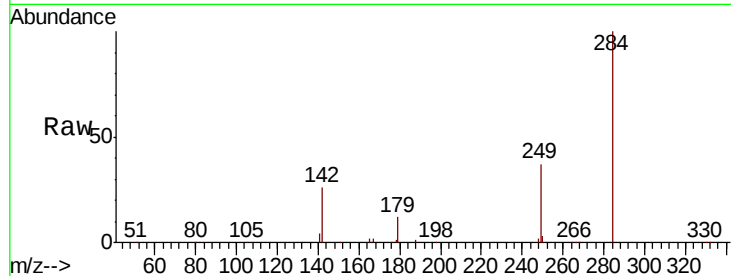




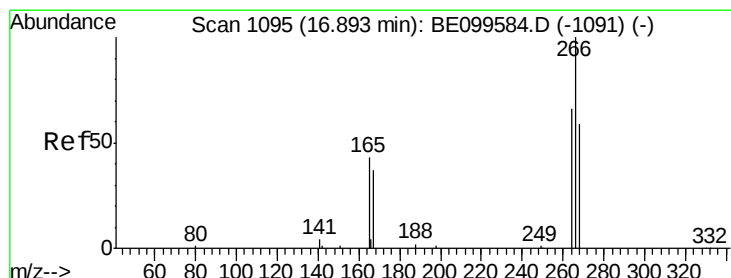
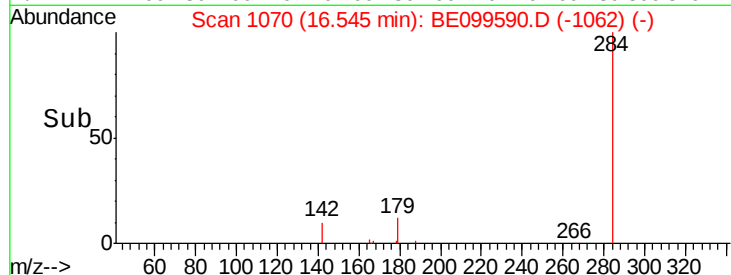
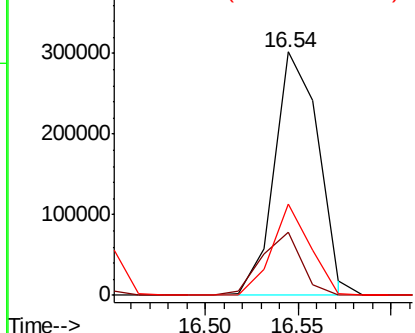
#21
Hexachlorobenzene
Concen: 68.752 ng
RT: 16.54 min Scan# 1070
Delta R.T. 0.01 min
Lab File: BE099590.D
Acq: 9 May 2019 14:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	24.0	20.6	30.8
249	32.8	25.8	38.6

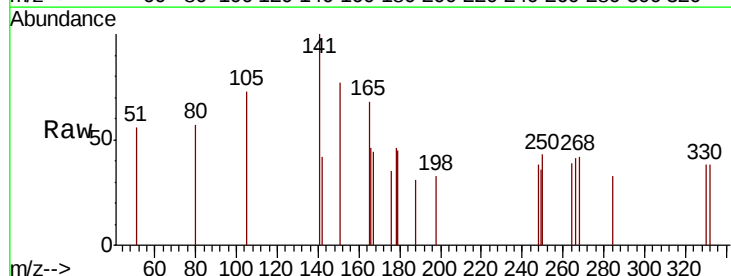


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

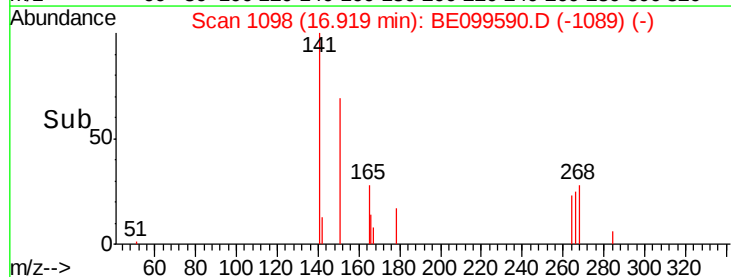
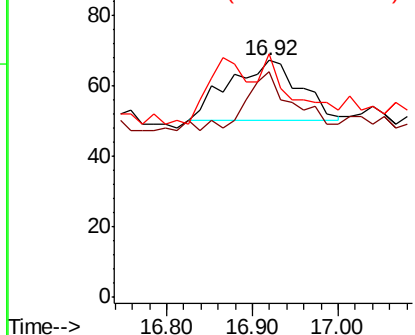


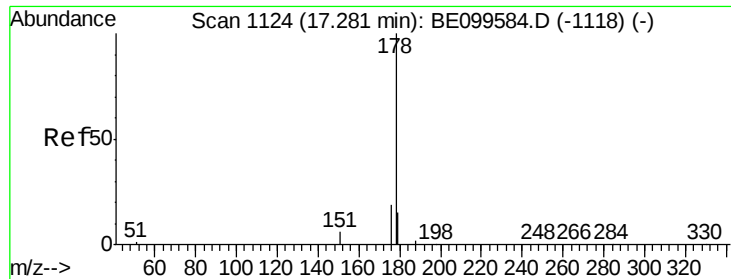
#22
Pentachlorophenol
Concen: 0.273 ng
RT: 16.92 min Scan# 1098
Delta R.T. 0.03 min
Lab File: BE099590.D
Acq: 9 May 2019 14:22

Tgt Ion	Ratio	Lower	Upper
266	100		
264	95.5	57.3	85.9#
268	103.0	53.5	80.3#



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: 94.052 ng

RT: 17.29 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BE099590.D

Acq: 9 May 2019 14:22

Instrument :

BNA_G

ClientSampleId :

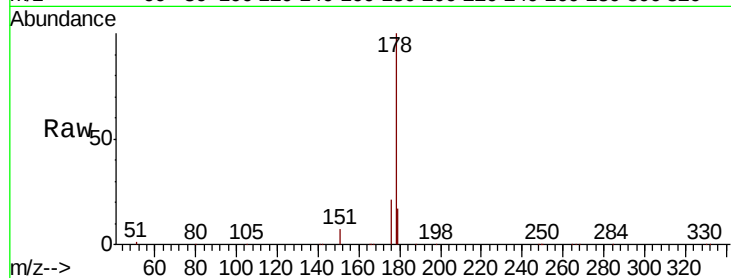
Tot Ion:178 Resp: 2954713

Ion Ratio Lower Upper

178 100

176 21.0 15.8 23.6

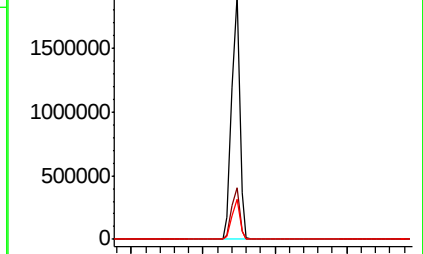
179 16.2 12.2 18.2



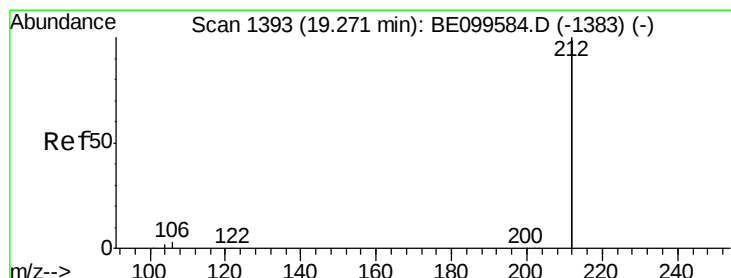
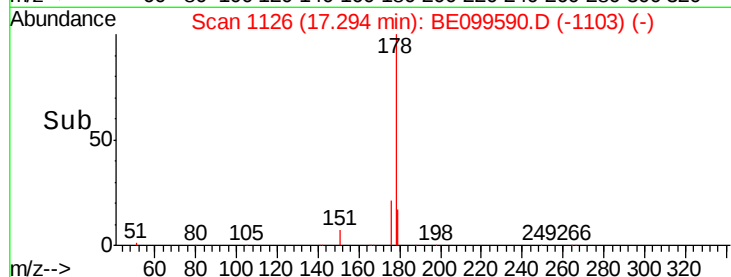
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.01 min

Lab File: BE099590.D

Acq: 9 May 2019 14:22

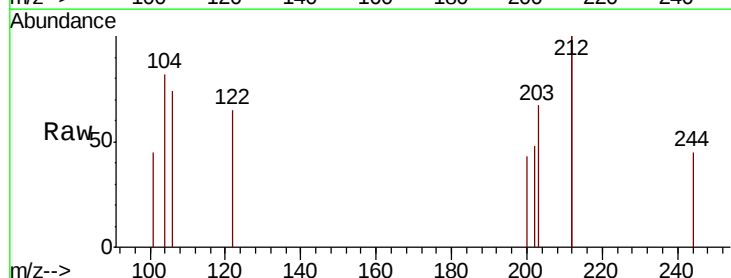
Tgt Ion:212 Resp: 51

Ion Ratio Lower Upper

212 100

106 29.4 1.4 2.2#

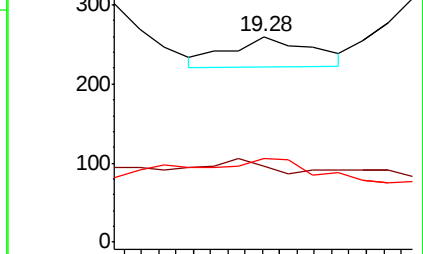
104 111.8 0.9 1.3#



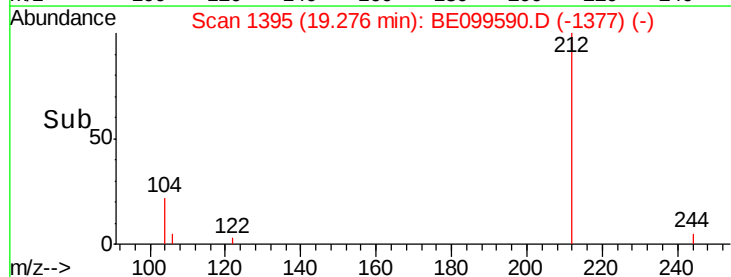
Abundance Ion 212.00 (211.70 to 212.70): E

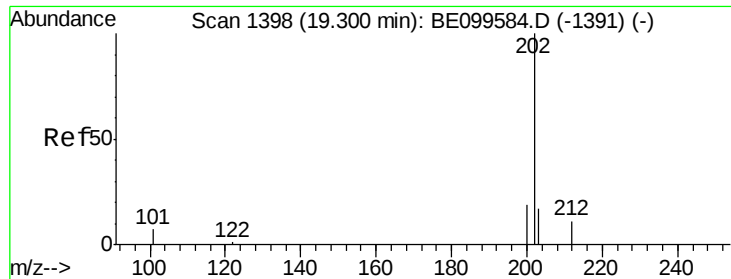
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

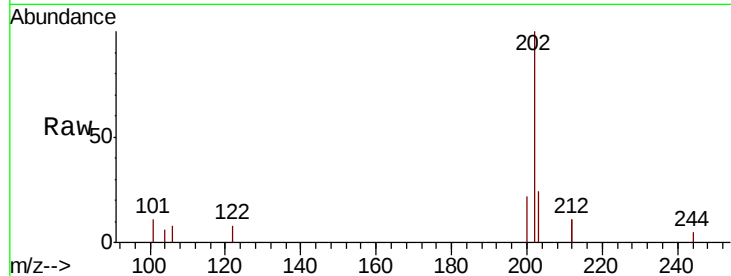




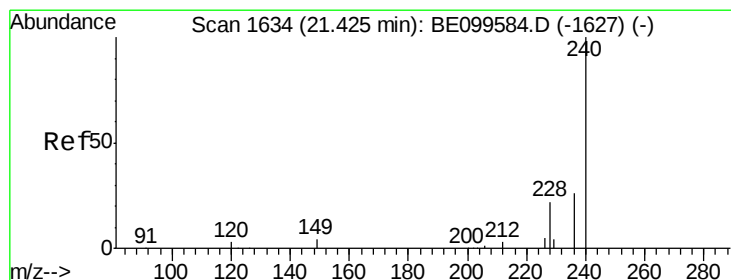
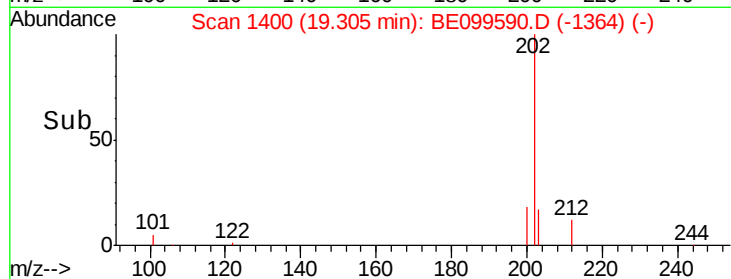
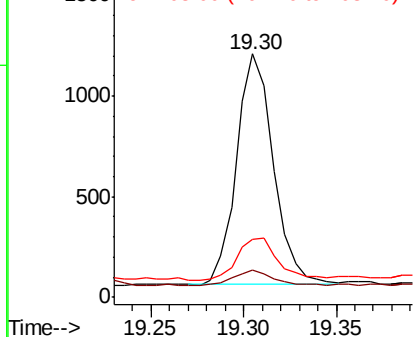
#26
 Fluoranthene
 Concen: 0.034 ng
 RT: 19.30 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BE099590.D
 Acq: 9 May 2019 14:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:202 Resp: 1584
 Ion Ratio Lower Upper
 202 100
 101 7.1 5.4 8.2
 203 20.1 13.7 20.5

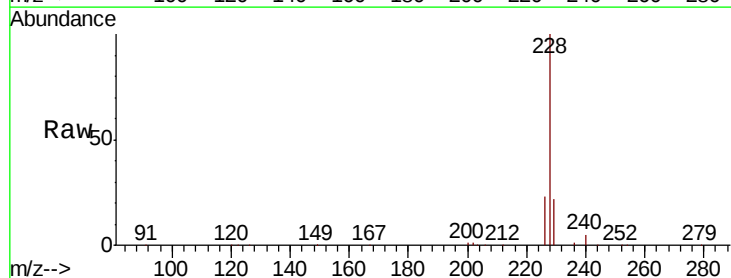


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

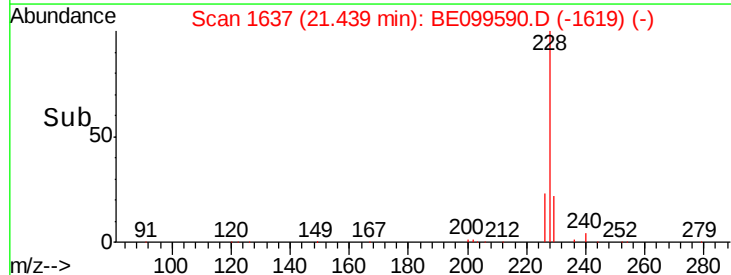
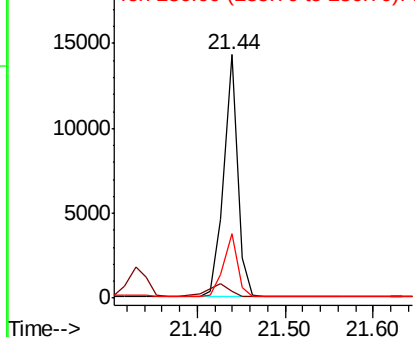


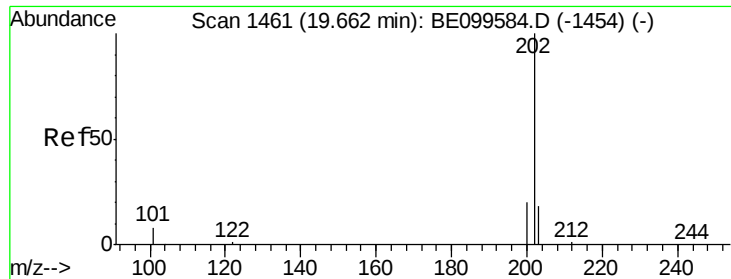
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.44 min Scan# 1637
 Delta R.T. 0.01 min
 Lab File: BE099590.D
 Acq: 9 May 2019 14:22

Tgt Ion:240 Resp: 15716
 Ion Ratio Lower Upper
 240 100
 120 2.7 3.2 4.8#
 236 26.6 21.0 31.6



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

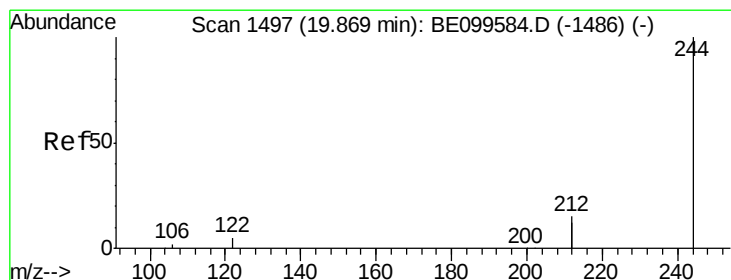
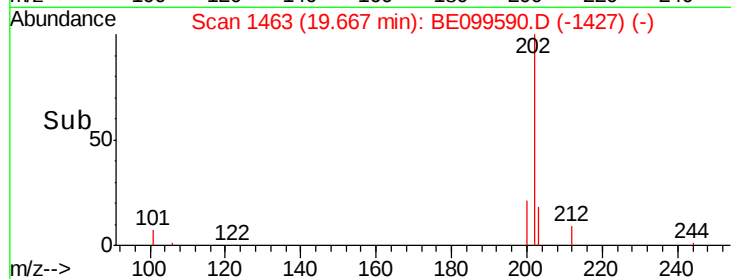
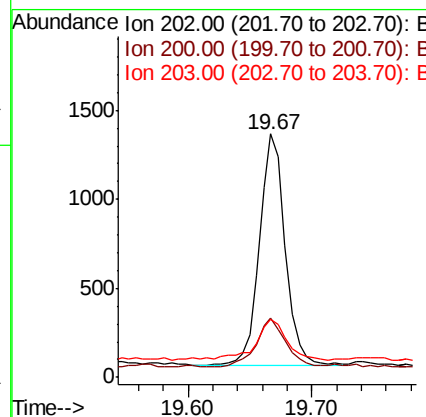
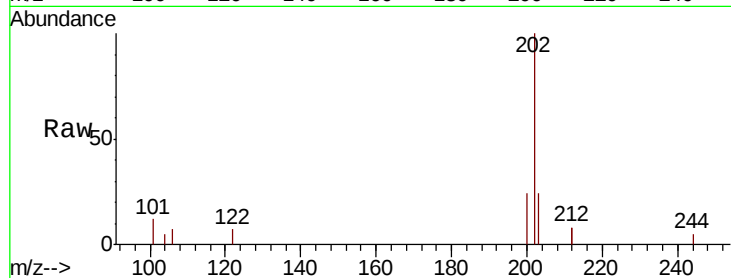




#28
Pvrene
Concen: 0.046 ng
RT: 19.67 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BE099590.D
Acq: 9 May 2019 14:22

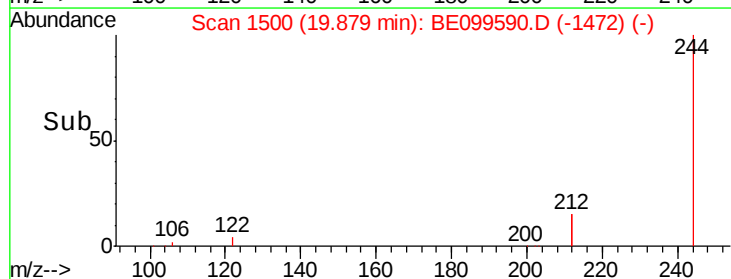
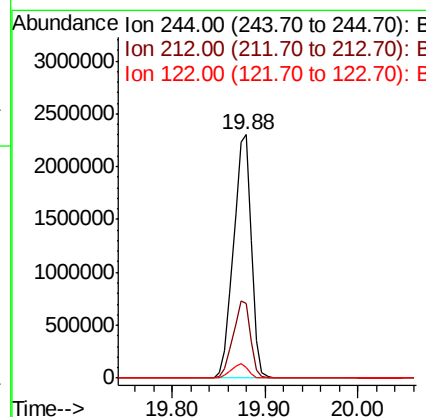
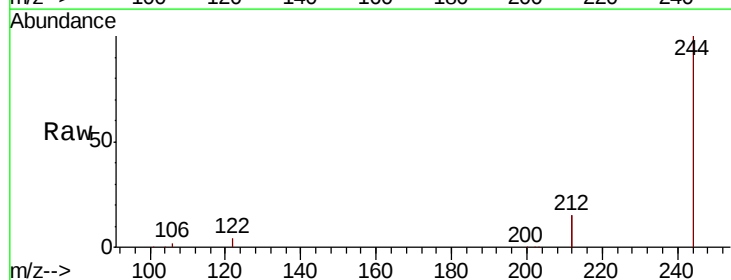
Instrument :
BNA_G
ClientSampleId :

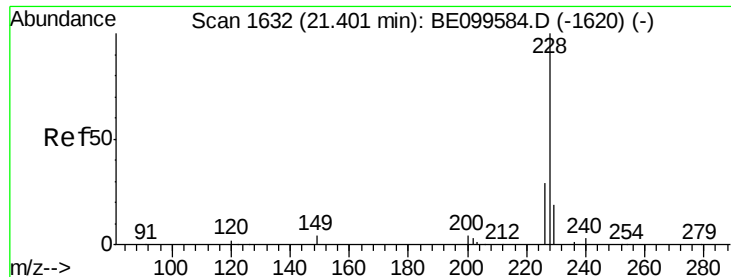
Tot Ion:202 Resp: 1894
Ion Ratio Lower Upper
202 100
200 24.1 15.9 23.9#
203 20.4 14.1 21.1



#29
Terphenyl-d14
Concen: 110.806 ng
RT: 19.88 min Scan# 1500
Delta R.T. 0.01 min
Lab File: BE099590.D
Acq: 9 May 2019 14:22

Tgt Ion:244 Resp: 3094958
Ion Ratio Lower Upper
244 100
212 30.5 24.4 36.6
122 4.5 4.6 6.8#





#30

Benzo(a)anthracene

Concen: 113.874 ng

RT: 21.43 min Scan# 1636

Delta R.T. 0.03 min

Lab File: BE099590.D

Acq: 9 May 2019 14:22

Instrument :

BNA_G

ClientSampleId :

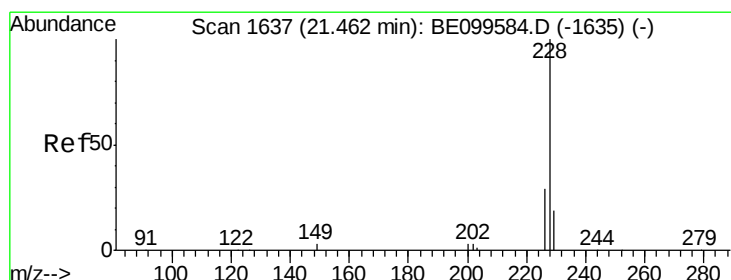
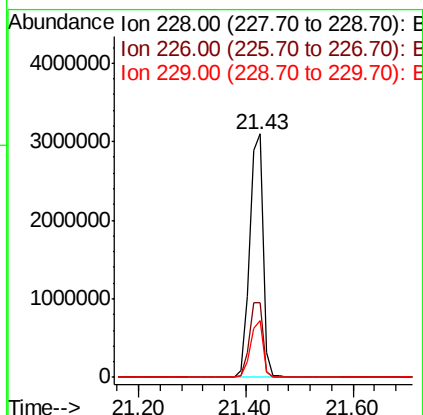
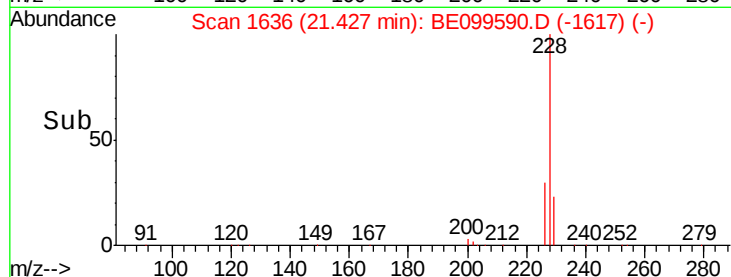
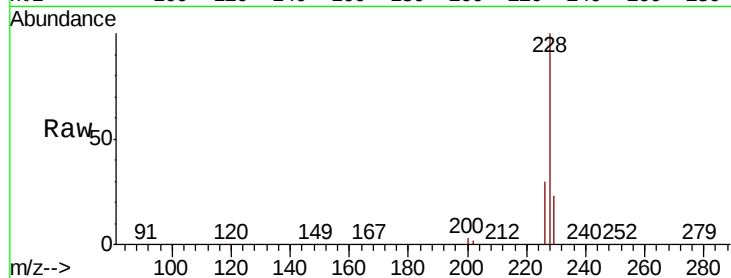
Tot Ion:228 Resp: 5464490

Ion Ratio Lower Upper

228 100

226 30.4 23.3 34.9

229 23.5 15.5 23.3#



#31

Chrysene

Concen: 96.286 ng

RT: 21.43 min Scan# 1636

Delta R.T. -0.03 min

Lab File: BE099590.D

Acq: 9 May 2019 14:22

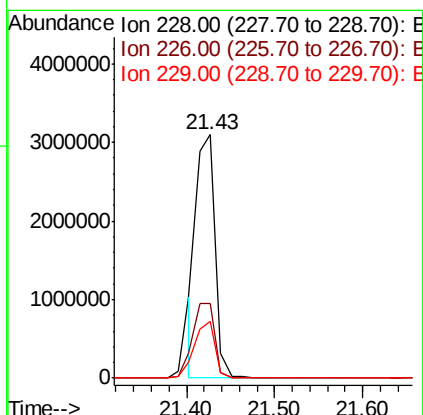
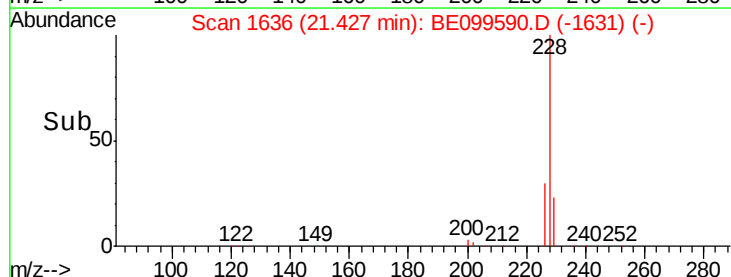
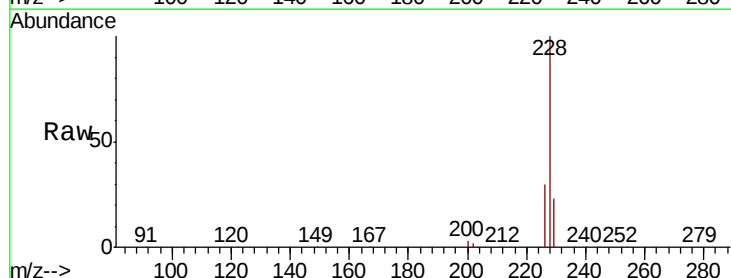
Tgt Ion:228 Resp: 4619370

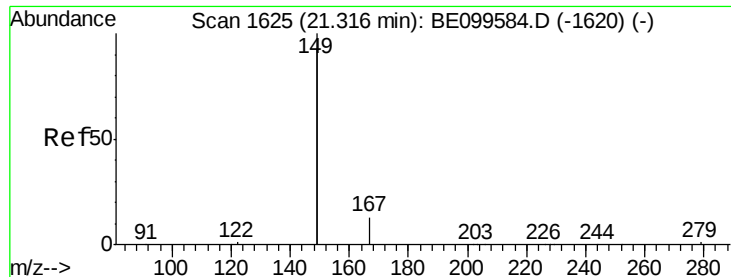
Ion Ratio Lower Upper

228 100

226 30.4 23.2 34.8

229 23.5 15.6 23.4#





#32

Bis(2-ethylhexyl)phthalate

Concen: 240.879 ng

RT: 21.33 min Scan# 1628

Delta R.T. 0.01 min

Lab File: BE099590.D

Acq: 9 May 2019 14:22

Instrument :

BNA_G

ClientSampleId :

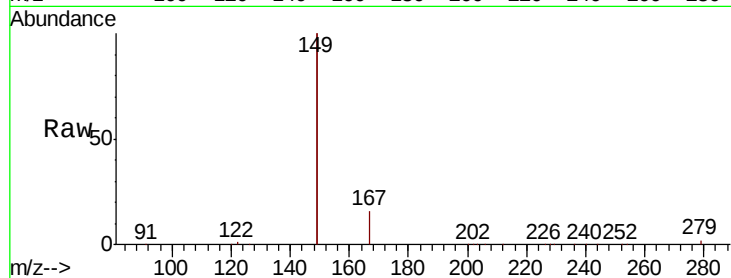
Tot Ion:149 Resp:16613202

Ion Ratio Lower Upper

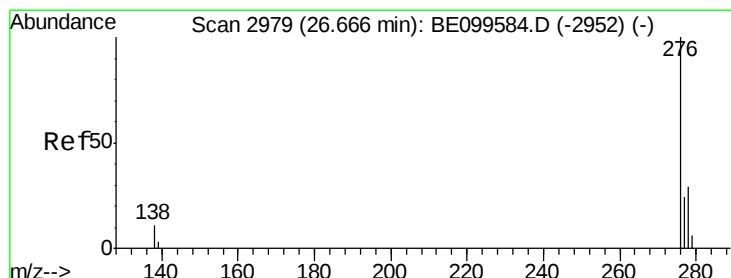
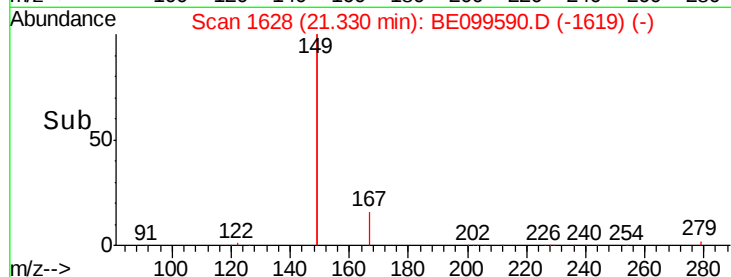
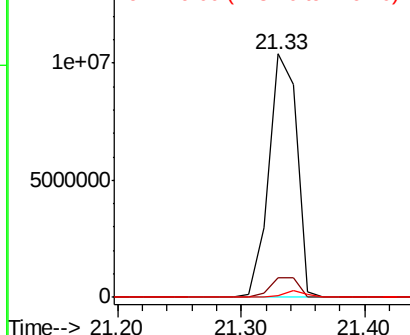
149 100

167 8.2 6.0 9.0

279 2.0 1.1 1.7#



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: 18.605 ng

RT: 26.75 min Scan# 3004

Delta R.T. 0.08 min

Lab File: BE099590.D

Acq: 9 May 2019 14:22

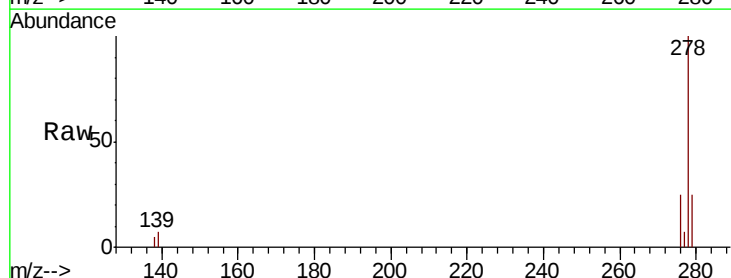
Tgt Ion:276 Resp: 1113872

Ion Ratio Lower Upper

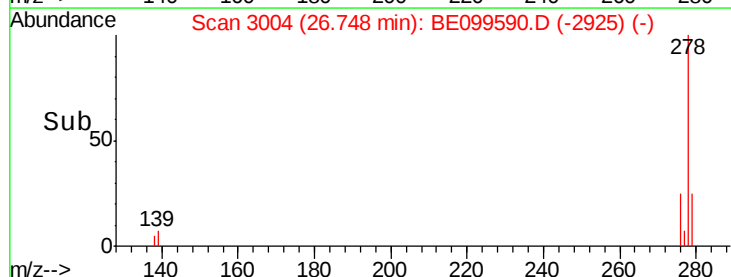
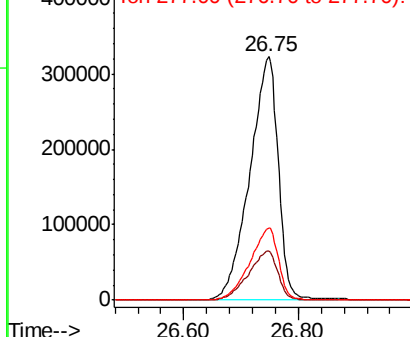
276 100

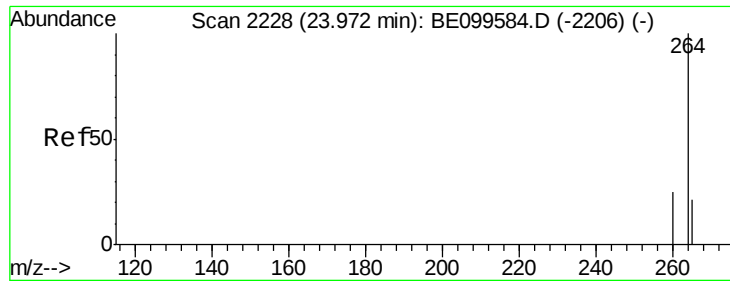
138 20.8 10.2 15.2#

277 29.7 19.8 29.8



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

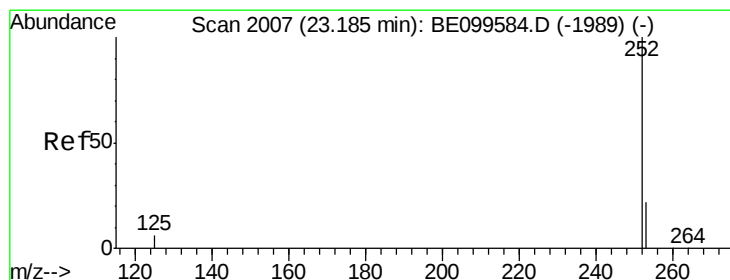
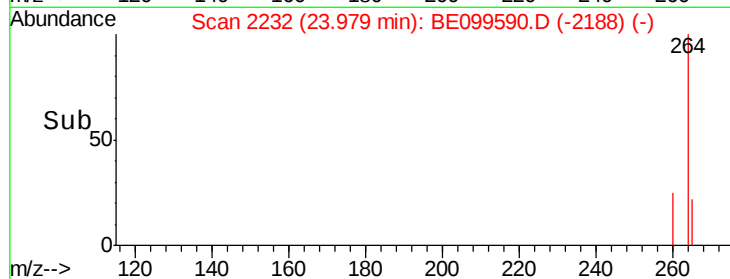
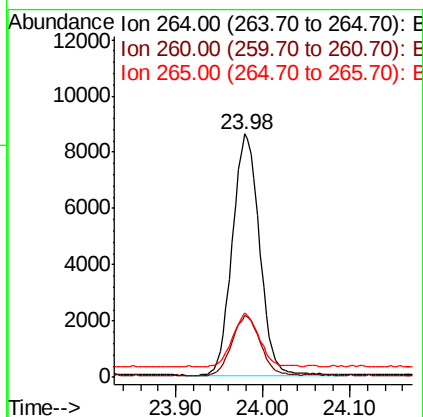
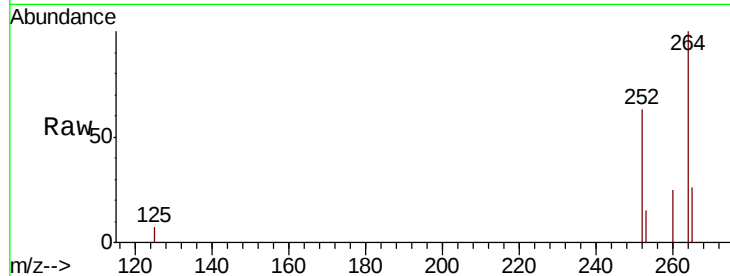




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BE099590.D
Acq: 9 May 2019 14:22

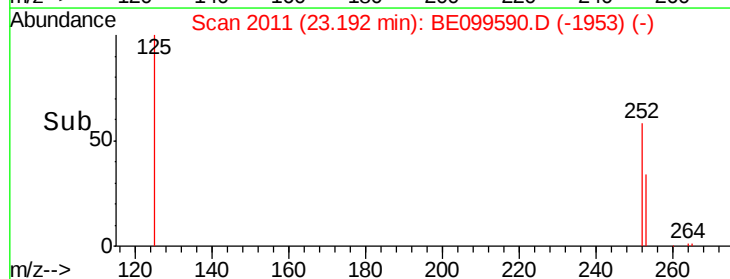
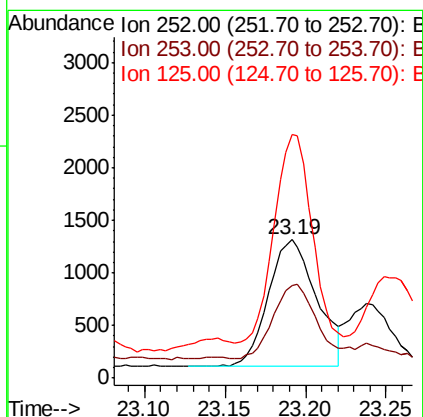
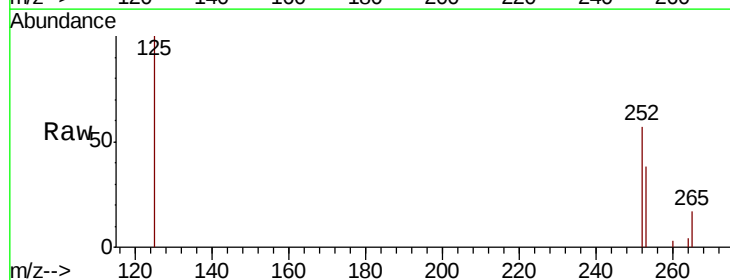
Instrument :
BNA_G
ClientSampleId :

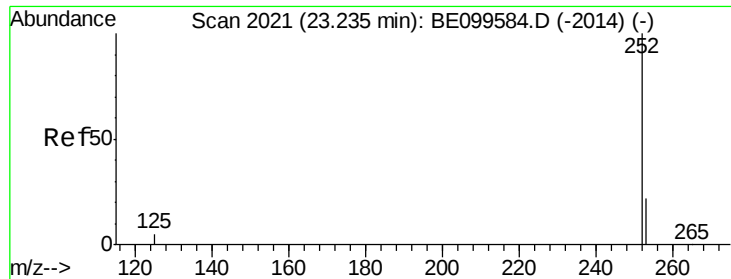
Tot Ion:264 Resp: 18572
Ion Ratio Lower Upper
264 100
260 25.2 20.3 30.5
265 26.4 20.9 31.3



#35
Benzo(b)fluoranthene
Concen: 0.049 ng
RT: 23.19 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BE099590.D
Acq: 9 May 2019 14:22

Tgt Ion:252 Resp: 2537
Ion Ratio Lower Upper
252 100
253 67.0 18.6 28.0#
125 176.2 6.0 9.0#

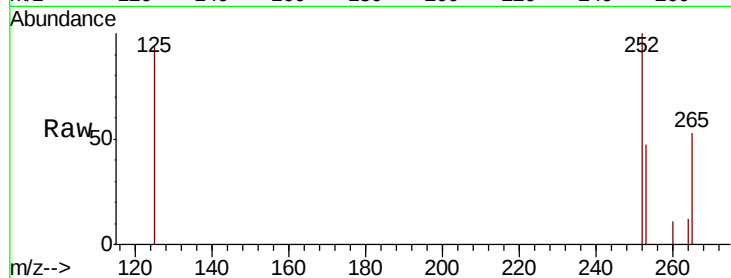




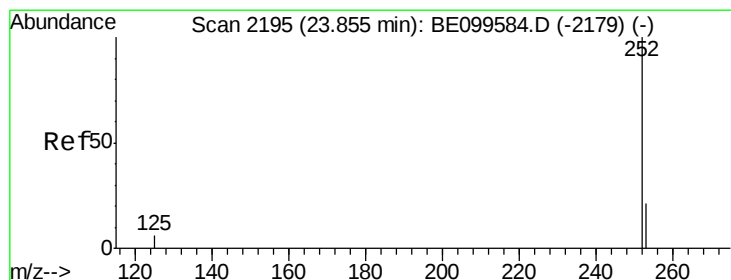
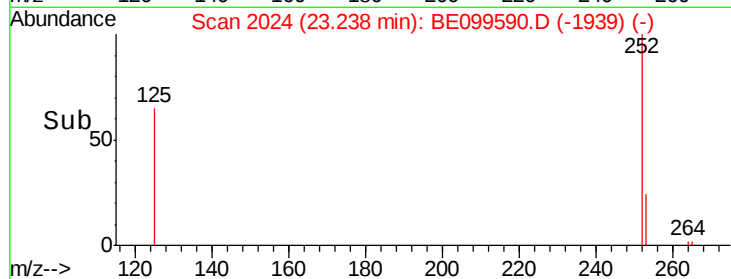
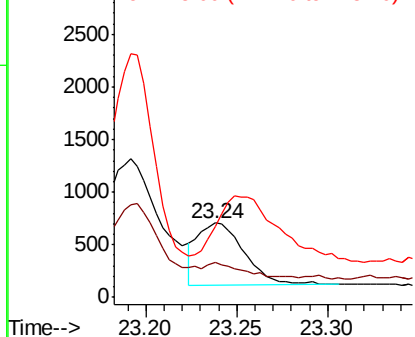
#36
Benzo(k)fluoranthene
Concen: 0.020 ng
RT: 23.24 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BE099590.D
Acq: 9 May 2019 14:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 1042
Ion Ratio Lower Upper
252 100
253 46.5 18.7 28.1#
125 94.5 5.1 7.7#

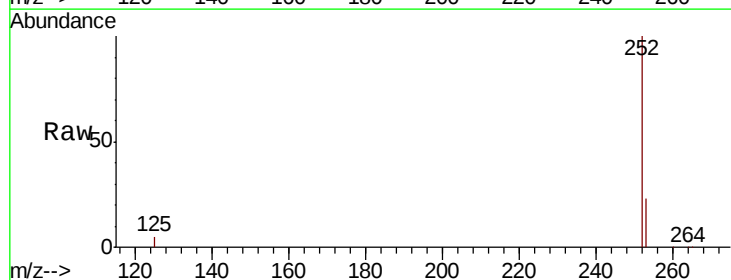


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

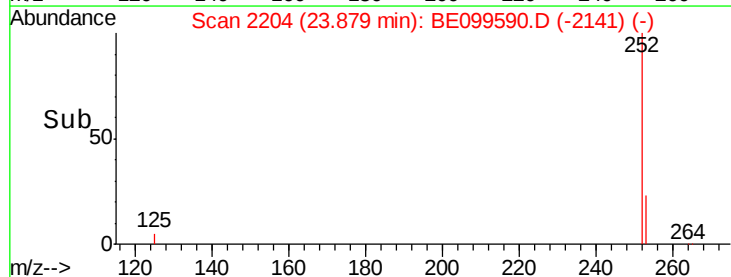
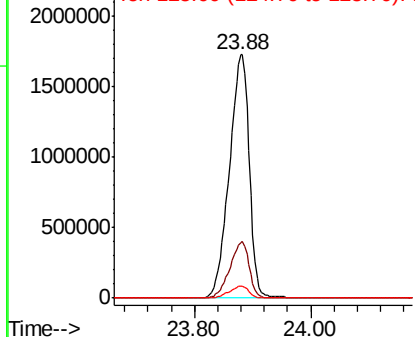


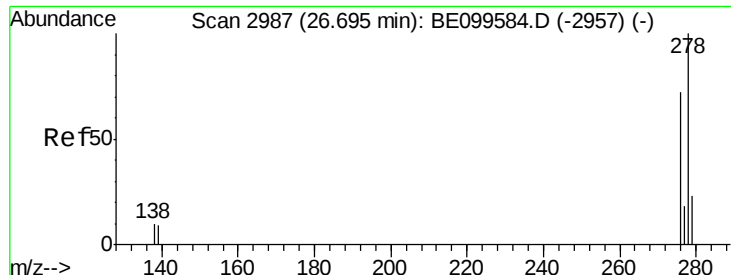
#37
Benzo(a)pyrene
Concen: 83.089 ng
RT: 23.88 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BE099590.D
Acq: 9 May 2019 14:22

Tgt Ion:252 Resp: 4129901
Ion Ratio Lower Upper
252 100
253 22.9 18.6 27.8
125 5.0 6.4 9.6#



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



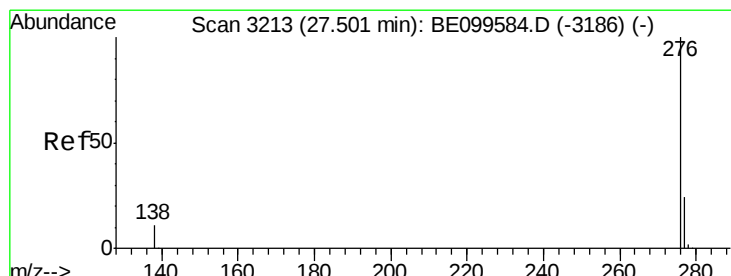
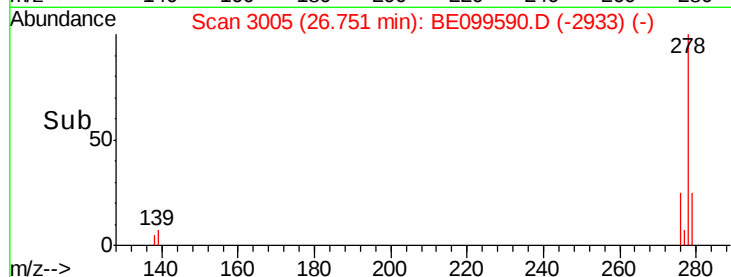
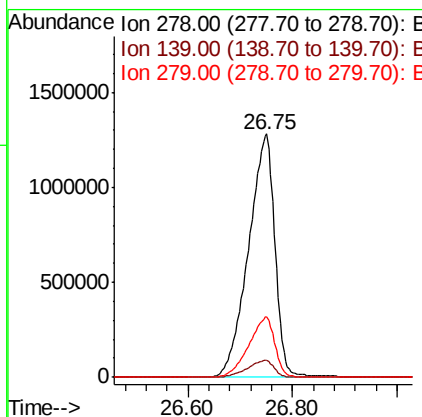
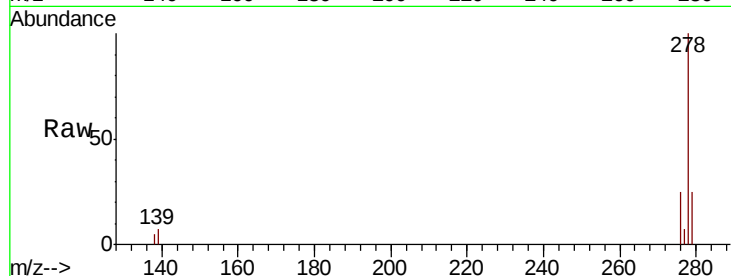


#38
Dibenzo(a,h)anthracene
Concen: 86.732 ng
RT: 26.75 min Scan# 3005
Delta R.T. 0.06 min
Lab File: BE099590.D
Acq: 9 May 2019 14:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 4506628

Ion	Ratio	Lower	Upper
278	100		
139	6.9	8.3	12.5#
279	24.8	19.4	29.2



#39
Benzo(g,h,i)perylene
Concen: 46.438 ng
RT: 27.55 min Scan# 3230
Delta R.T. 0.05 min
Lab File: BE099590.D
Acq: 9 May 2019 14:22

Tgt Ion:276 Resp: 2442426

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.6
138	9.7	9.4	14.2

