

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040419\
 Data File : BE099294.D
 Acq On : 4 Apr 2019 17:35
 Operator : JU/SJ
 Sample : PB118607BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118607BS

Quant Time: Apr 05 04:25:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 17:16:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4206	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	14292	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	8218	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	22271	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	25472	0.40	ng	-0.02
34) Perylene-d12	23.86	264	30432	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	2676	0.24	ng	-0.02
5) Phenol-d6	6.98	99	3605	0.23	ng	-0.01
8) Nitrobenzene-d5	8.98	82	2583	0.26	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	8333	0.33	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	629	0.17	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	9206	0.28	ng	-0.01
25) Fluoranthene-d10	19.22	212	66173	0.23	ng	-0.02
29) Terphenyl-d14	19.82	244	11172	0.24	ng	-0.02

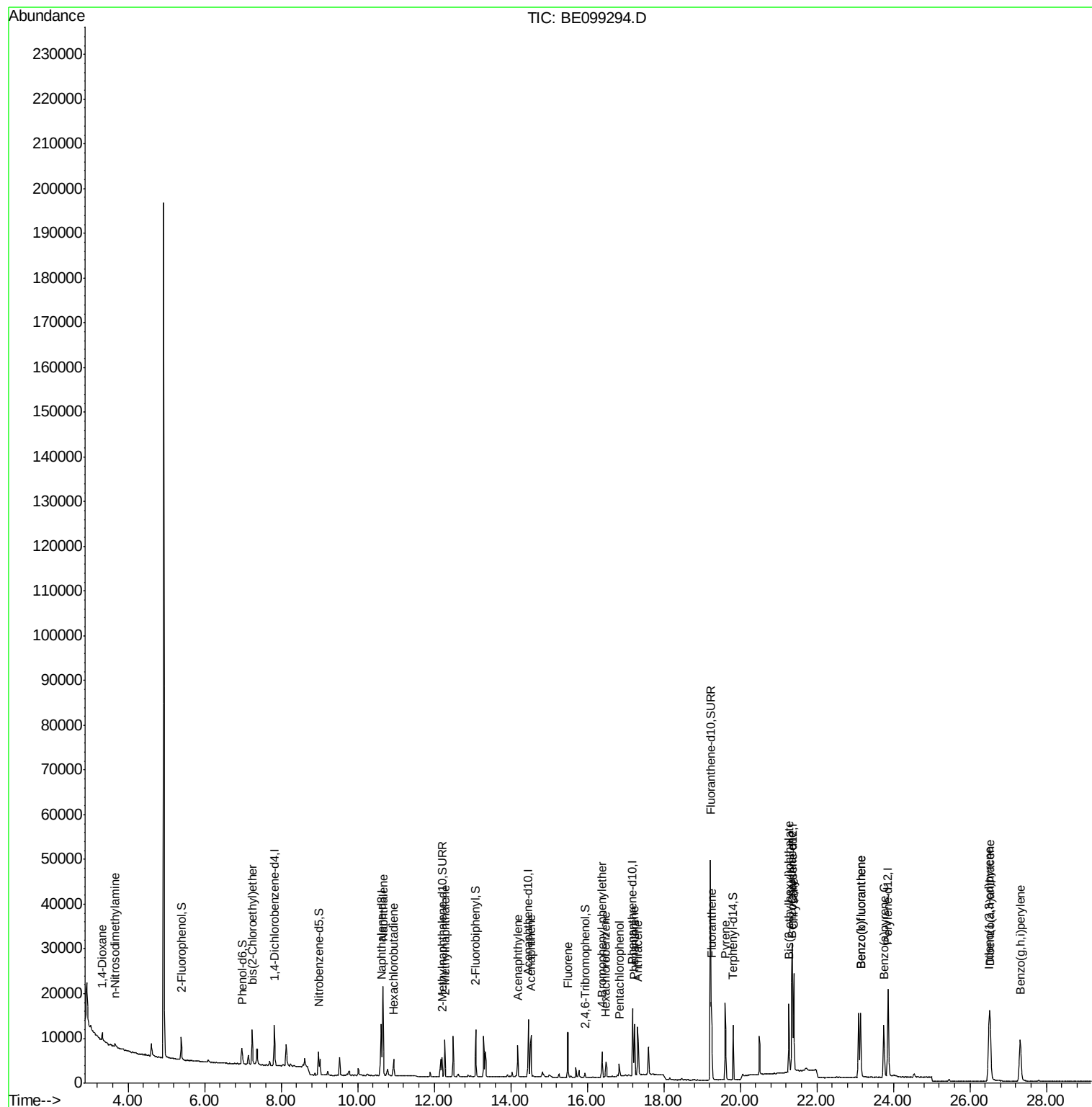
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	1150	0.201	ng	# 76
3) n-Nitrosodimethylamine	3.65	42	716	0.212	ng	# 91
6) bis(2-Chloroethyl)ether	7.24	93	3072	0.223	ng	96
9) Naphthalene	10.67	128	36402	0.234	ng	100
10) Hexachlorobutadiene	10.94	225	2328	0.231	ng	96
12) 2-Methylnaphthalene	12.28	142	5875	0.222	ng	96
16) Acenaphthylene	14.18	152	8136	0.209	ng	100
17) Acenaphthene	14.53	154	5313	0.231	ng	98
18) Fluorene	15.50	166	7120	0.215	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	2907	0.230	ng	# 74
21) Hexachlorobenzene	16.49	284	2809	0.233	ng	97
22) Pentachlorophenol	16.84	266	1398	0.280	ng	92
23) Phenanthrene	17.23	178	13721	0.238	ng	99
24) Anthracene	17.32	178	12484	0.230	ng	99
26) Fluoranthene	19.25	202	16789	0.197	ng	99
28) Pyrene	19.62	202	17055	0.254	ng	100
30) Benzo(a)anthracene	21.34	228	18779	0.234	ng	99
31) Chrysene	21.40	228	18649	0.237	ng	97
32) Bis(2-ethylhexyl)phthalate	21.27	149	15195	0.149	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.50	276	26804	0.298	ng	98
35) Benzo(b)fluoranthene	23.14	252	21123	0.233	ng	97
36) Benzo(k)fluoranthene	23.14	252	21123	0.239	ng	97
37) Benzo(a)pyrene	23.75	252	19870	0.233	ng	98
38) Dibenzo(a,h)anthracene	26.53	278	22990	0.271	ng	98
39) Benzo(g,h,i)perylene	27.31	276	23434	0.277	ng	99

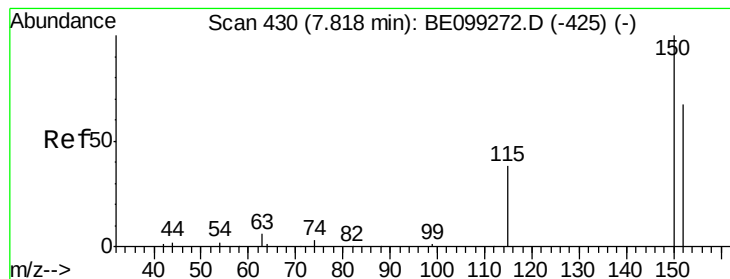
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.02 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampleId :

PB118607BS

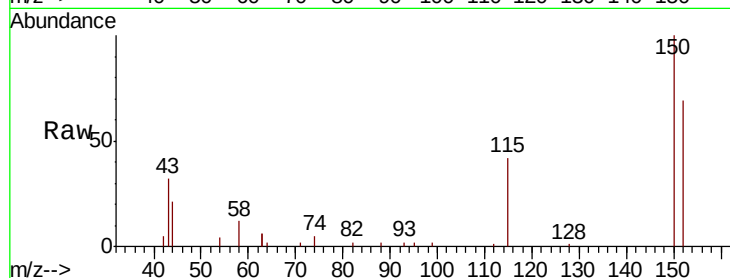
Tgt Ion:152 Resp: 4206

Ion Ratio Lower Upper

152 100

150 145.0 112.8 169.2

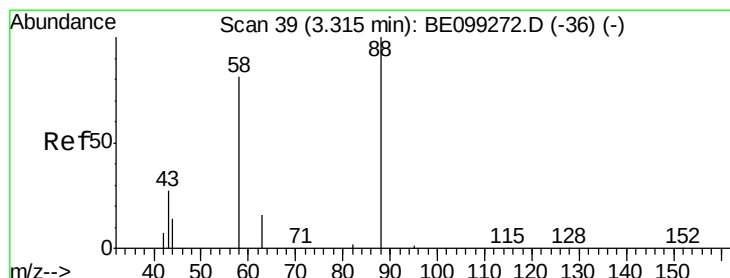
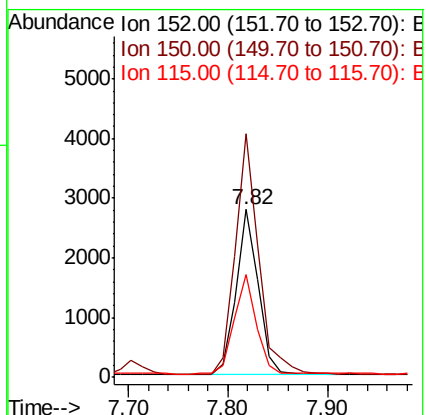
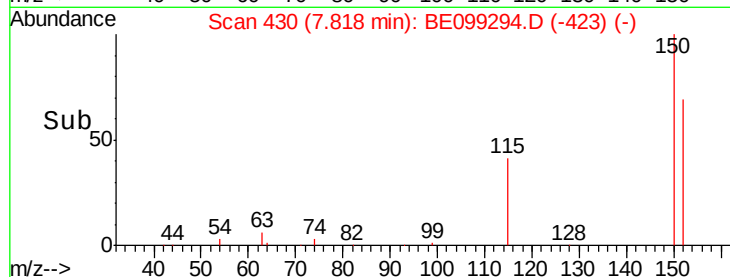
115 61.2 45.1 67.7



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: 0.201 ng

RT: 3.33 min Scan# 40

Delta R.T. -0.01 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

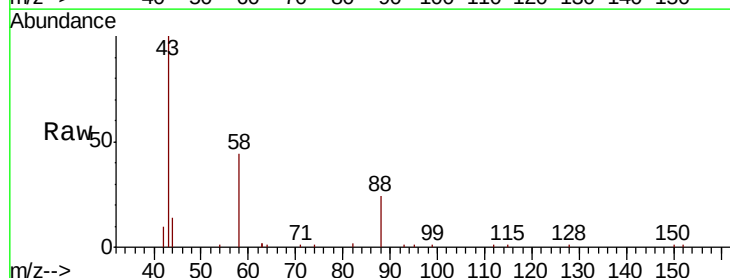
Tgt Ion: 88 Resp: 1150

Ion Ratio Lower Upper

88 100

58 72.7 47.4 71.0#

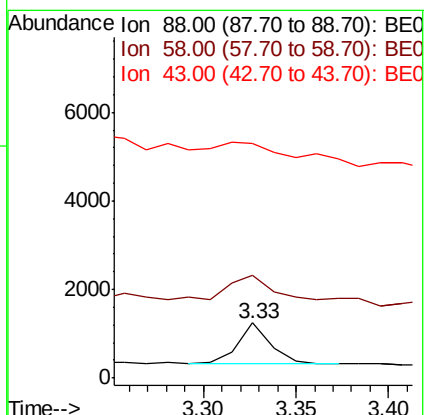
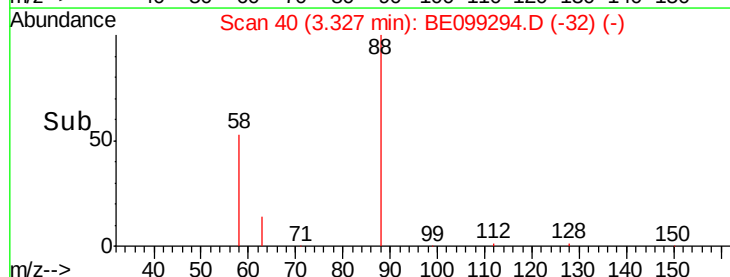
43 0.0 15.6 23.4#

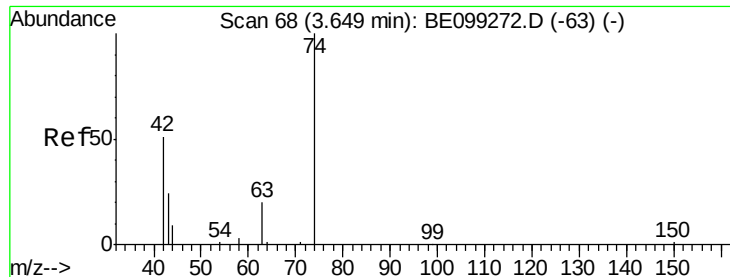


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.212 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.02 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampleId :

PB118607BS

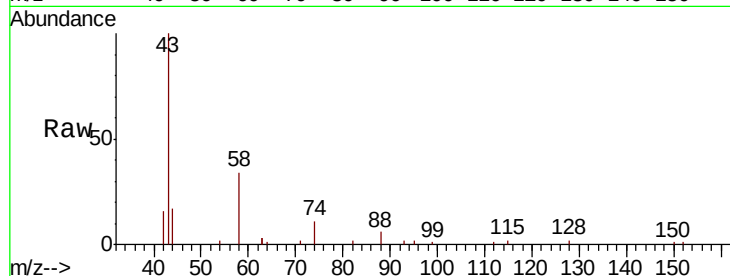
Tgt Ion: 42 Resp: 716

Ion Ratio Lower Upper

42 100

74 180.4 138.6 207.8

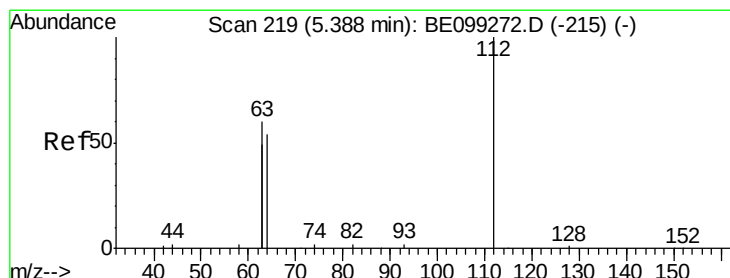
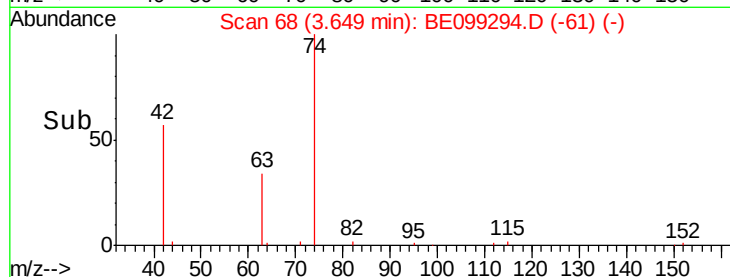
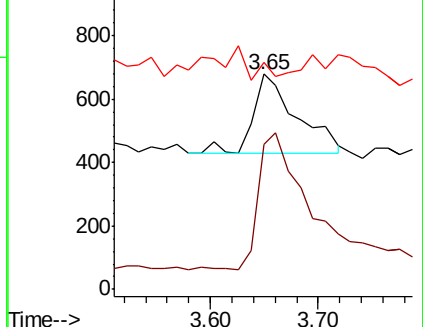
44 0.0 15.0 22.6#



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: 0.239 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.02 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

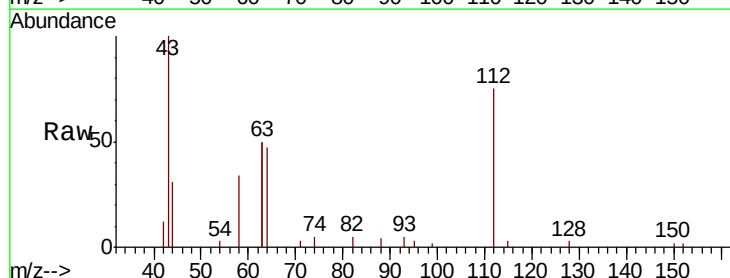
Tgt Ion: 112 Resp: 2676

Ion Ratio Lower Upper

112 100

64 58.4 46.2 69.2

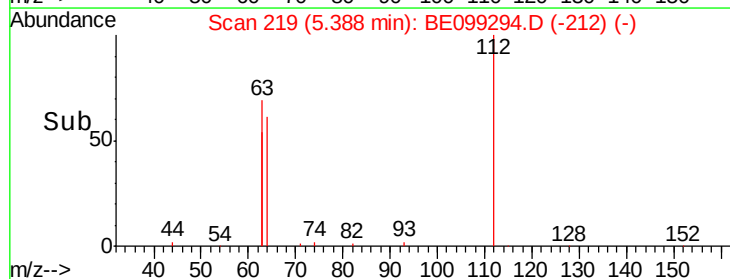
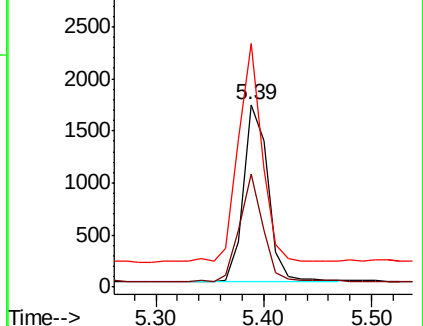
63 117.7 89.9 134.9

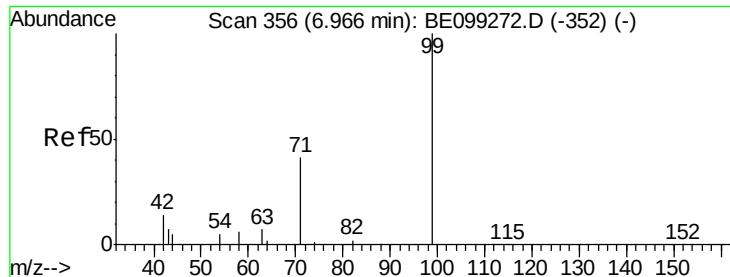


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.235 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampled :

PB118607BS

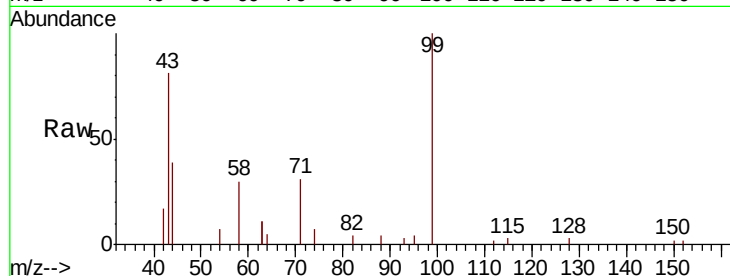
Tgt Ion: 99 Resp: 3605

Ion Ratio Lower Upper

99 100

42 18.1 12.4 18.6

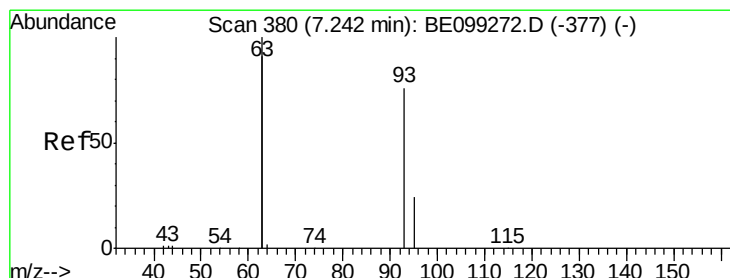
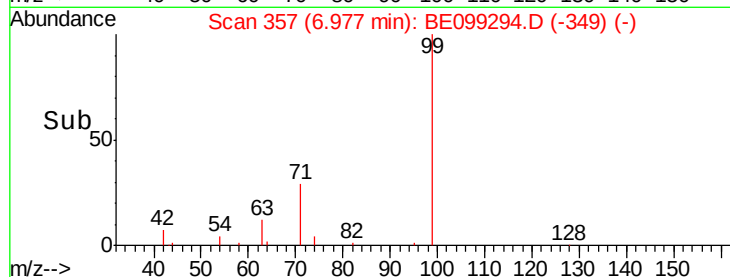
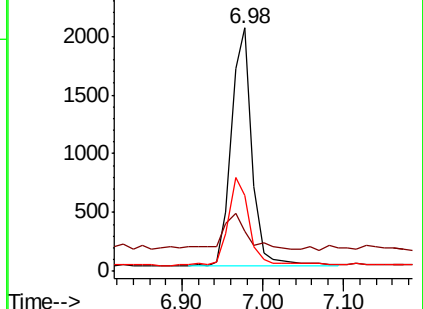
71 36.1 28.4 42.6



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: 0.223 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.02 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

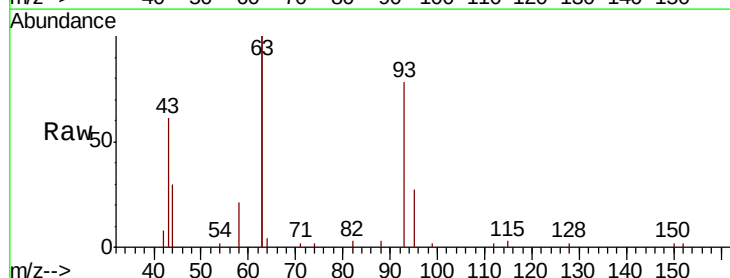
Tgt Ion: 93 Resp: 3072

Ion Ratio Lower Upper

93 100

63 267.7 221.4 332.0

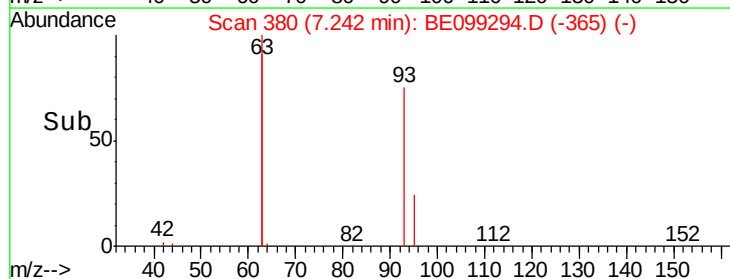
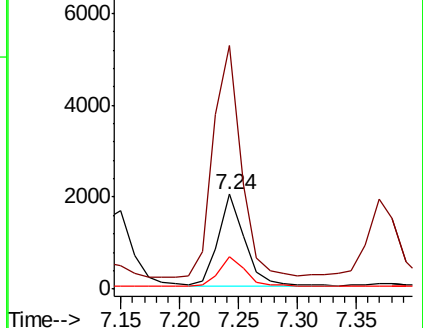
95 33.1 25.8 38.8

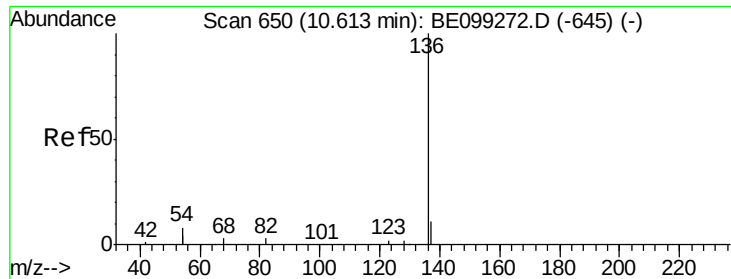


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampleId :

PB118607BS

Tgt Ion:136 Resp: 14292

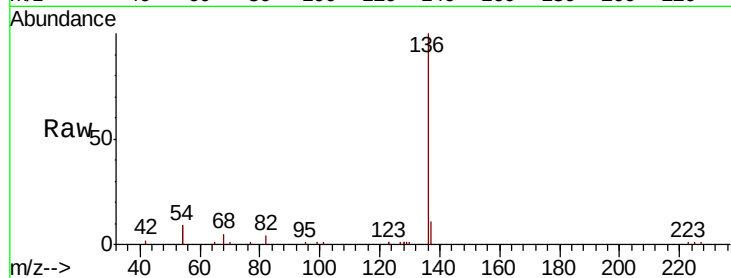
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 17.2 18.7 28.1#

68 4.8 5.2 7.8#

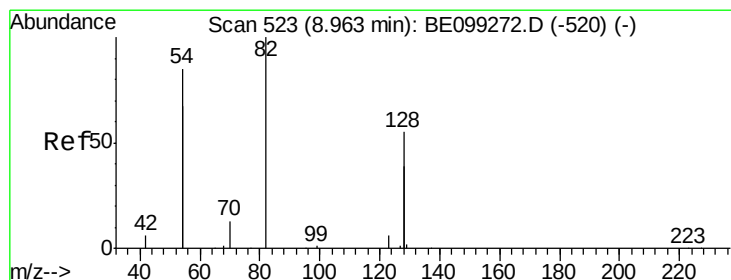
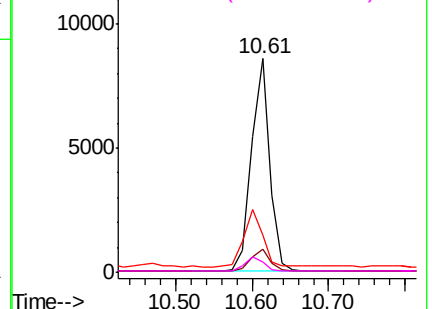
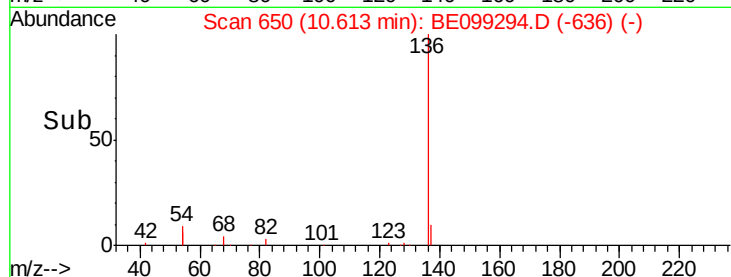


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.263 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

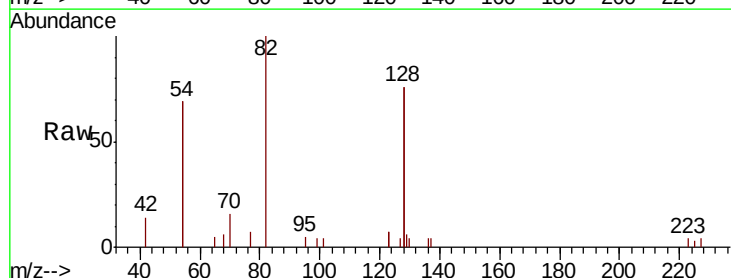
Tgt Ion: 82 Resp: 2583

Ion Ratio Lower Upper

82 100

128 151.1 107.5 161.3

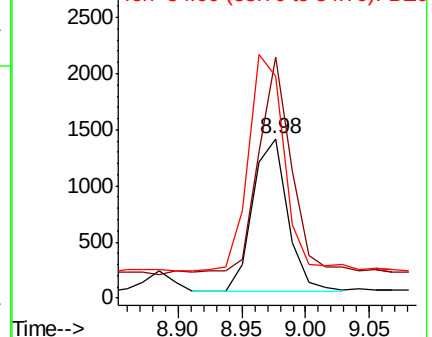
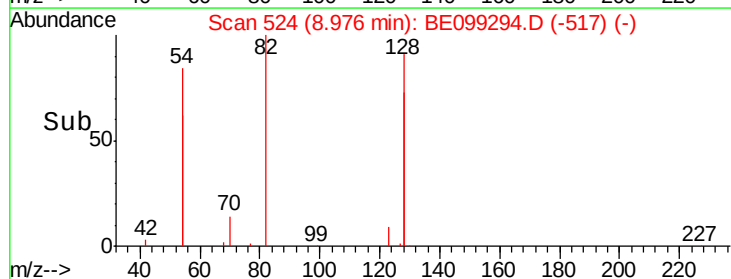
54 138.8 106.3 159.5

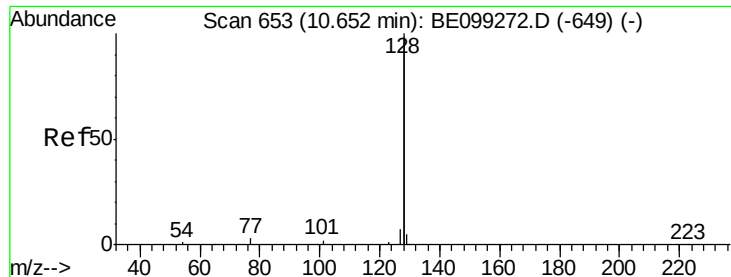


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.234 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.01 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampleId :

PB118607BS

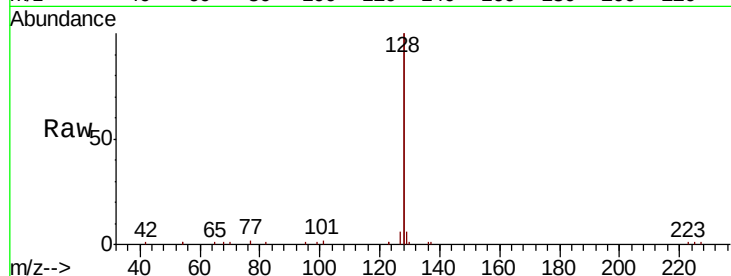
Tgt Ion:128 Resp: 36402

Ion Ratio Lower Upper

128 100

129 3.2 2.3 3.5

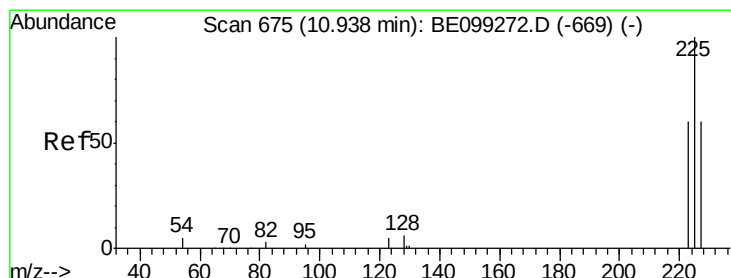
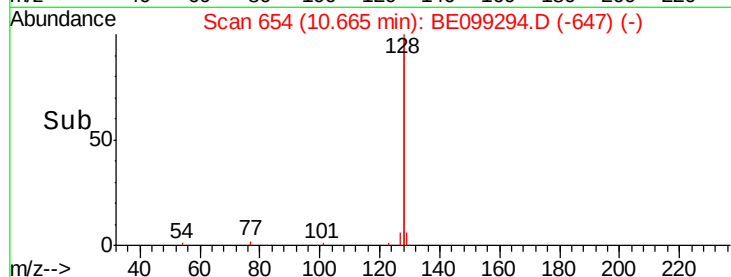
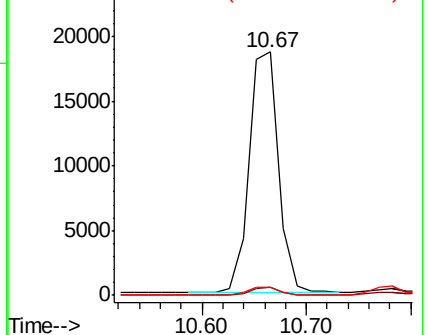
127 3.2 2.6 3.8



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: 0.231 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.01 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

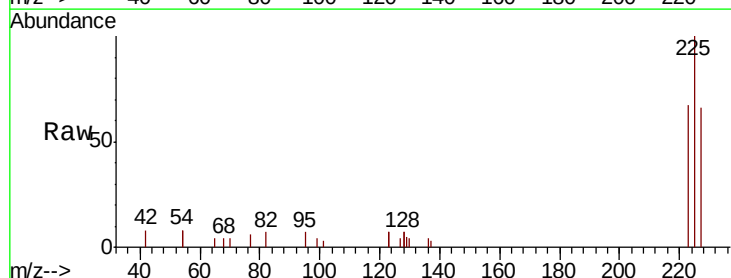
Tgt Ion:225 Resp: 2328

Ion Ratio Lower Upper

225 100

223 65.0 51.3 76.9

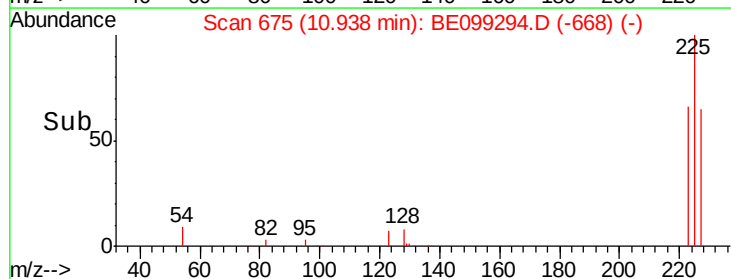
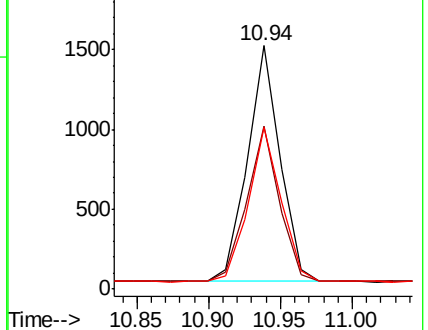
227 65.6 48.6 73.0

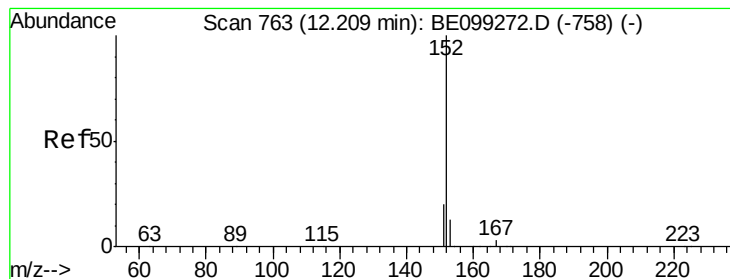


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.334 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampleId :

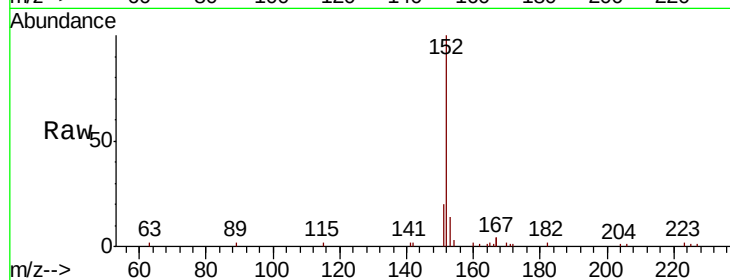
PB118607BS

Tgt Ion:152 Resp: 8333

Ion Ratio Lower Upper

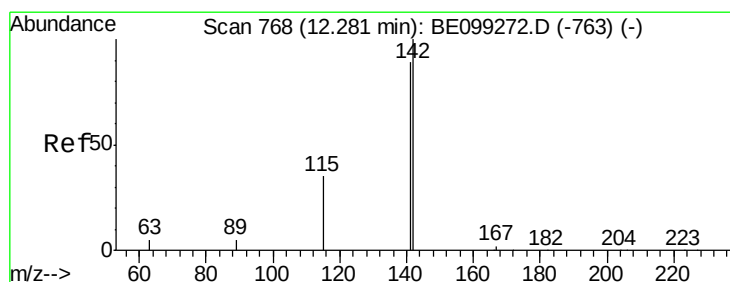
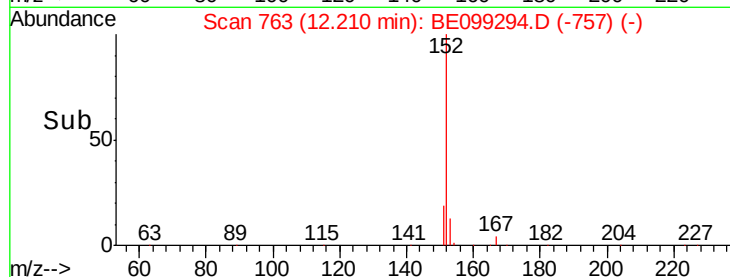
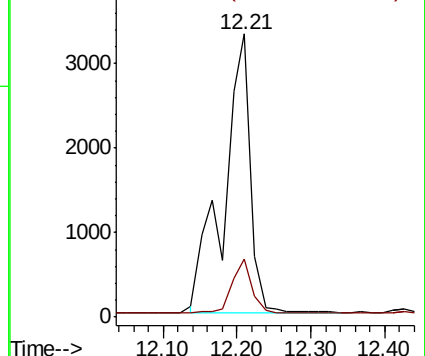
152 100

151 14.4 15.0 22.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.222 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

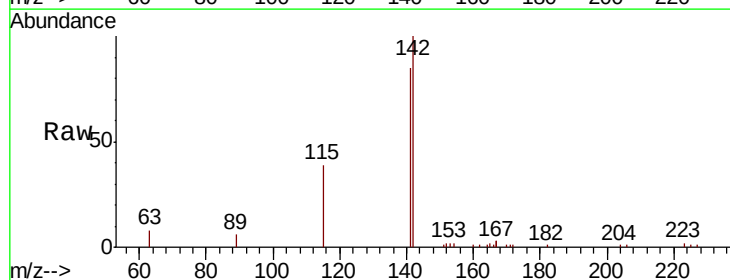
Tgt Ion:142 Resp: 5875

Ion Ratio Lower Upper

142 100

141 84.9 71.3 106.9

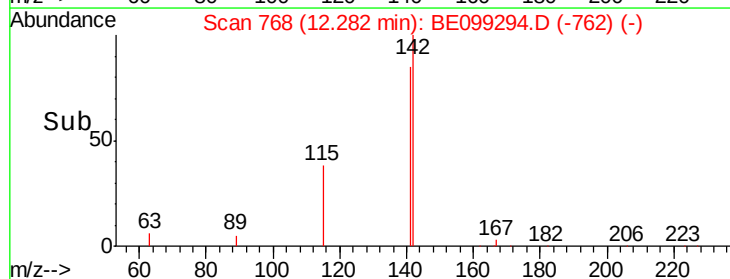
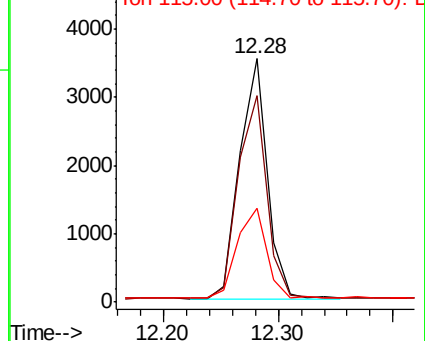
115 38.7 30.4 45.6

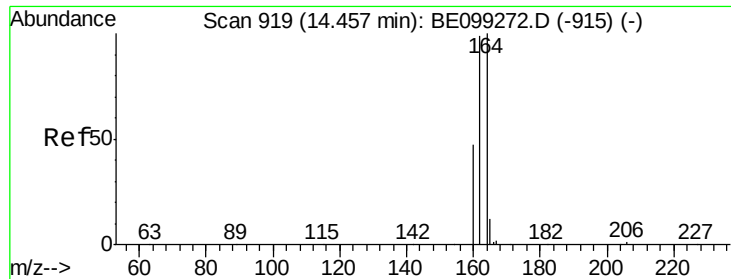


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

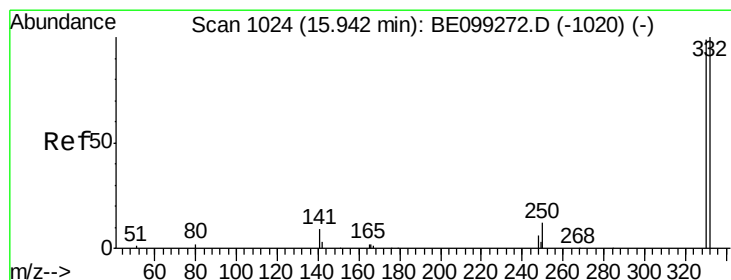
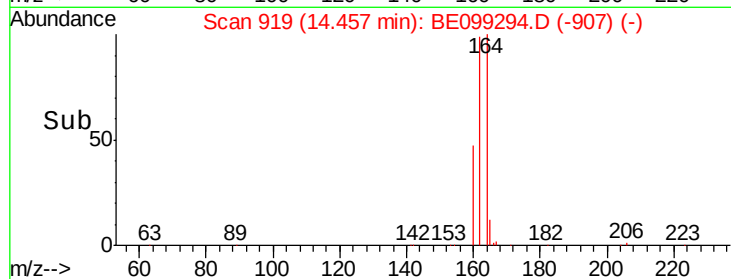
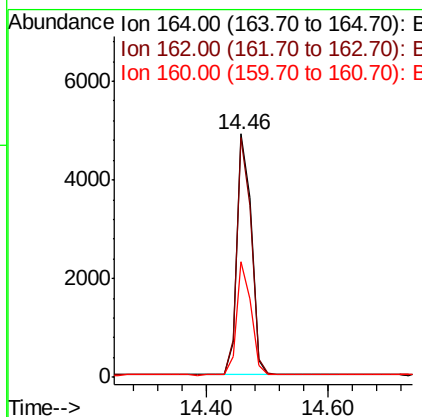
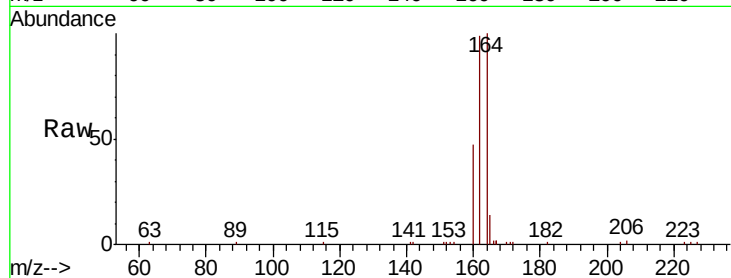




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BE099294.D
 Acq: 4 Apr 2019 17:35

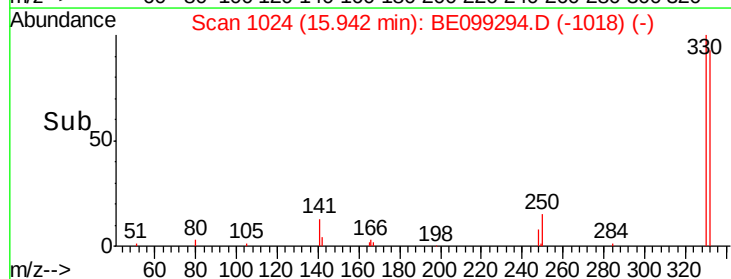
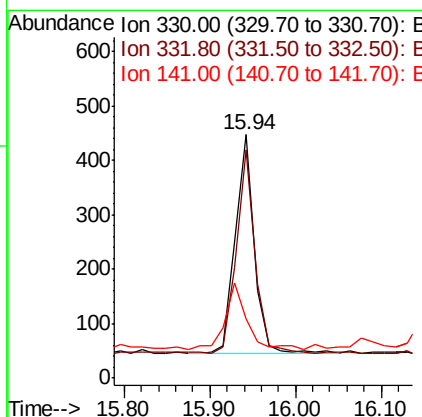
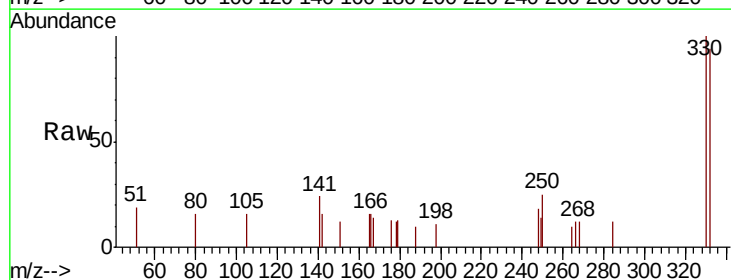
Instrument :
 BNA_E
 ClientSampleId :
 PB118607BS

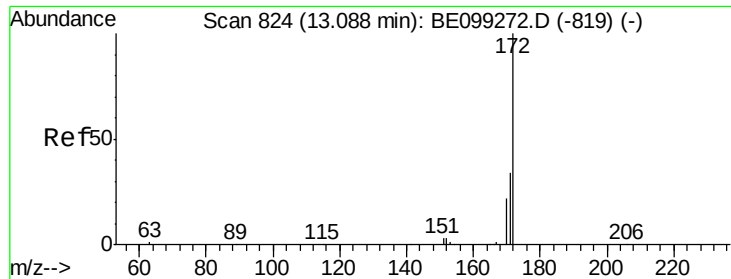
Tgt Ion:164 Resp: 8218
 Ion Ratio Lower Upper
 164 100
 162 98.7 79.2 118.8
 160 47.4 36.7 55.1



#14
 2,4,6-Tribromophenol
 Concen: 0.166 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BE099294.D
 Acq: 4 Apr 2019 17:35

Tgt Ion:330 Resp: 629
 Ion Ratio Lower Upper
 330 100
 332 89.2 71.3 106.9
 141 30.5 21.7 32.5

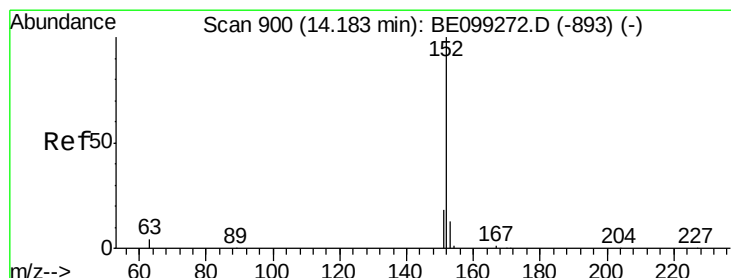
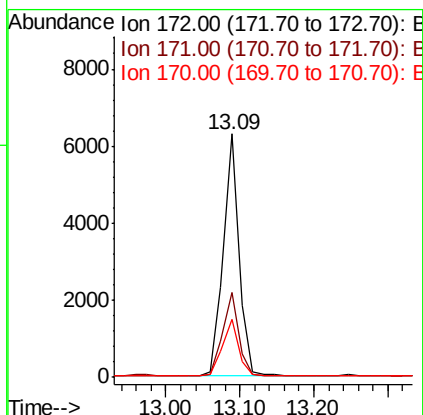
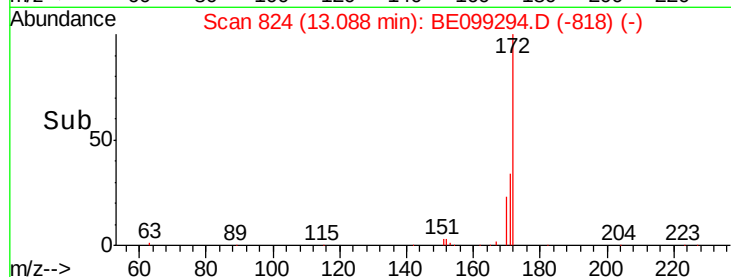
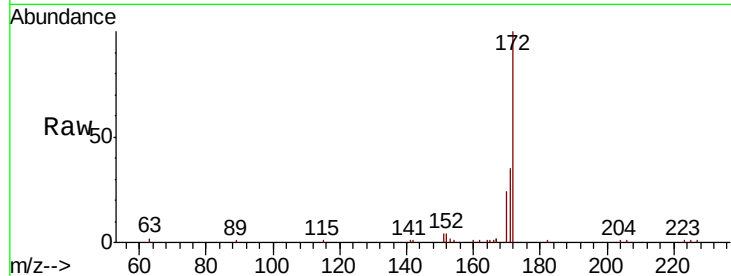




#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

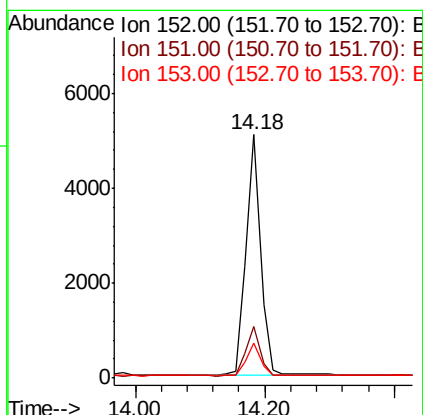
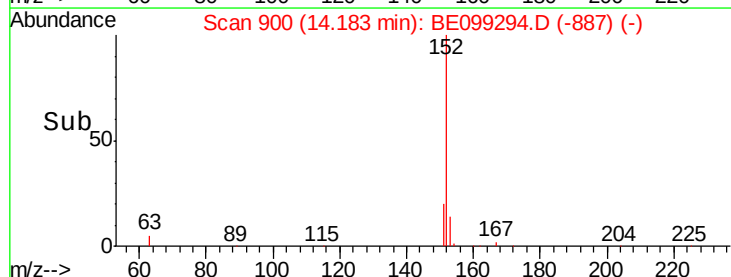
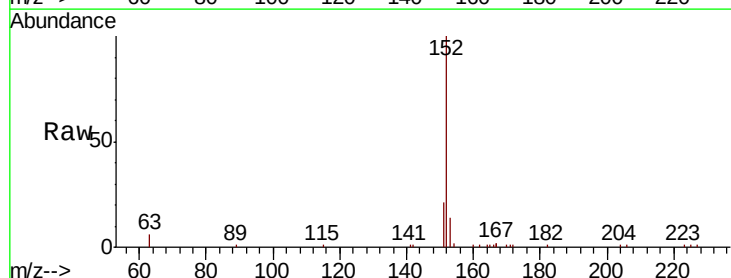
Instrument :
BNA_E
ClientSampleId :
PB118607BS

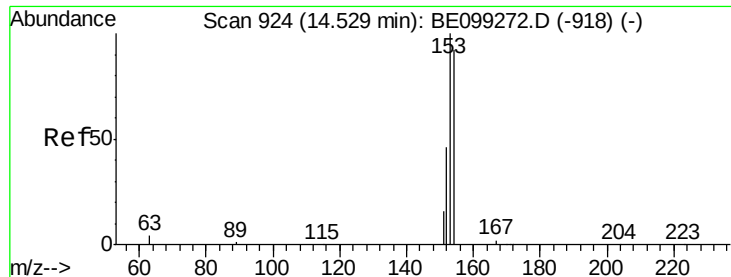
Tgt Ion:172 Resp: 9206
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.0
170 24.1 19.1 28.7



#16
Acenaphthylene
Concen: 0.209 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Tgt Ion:152 Resp: 8136
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.5 10.6 15.8

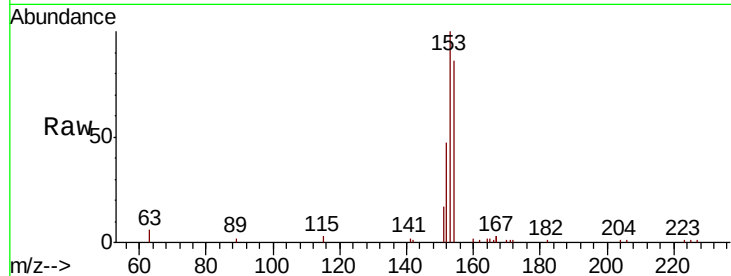




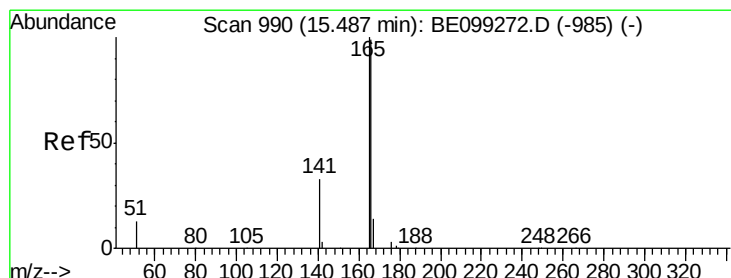
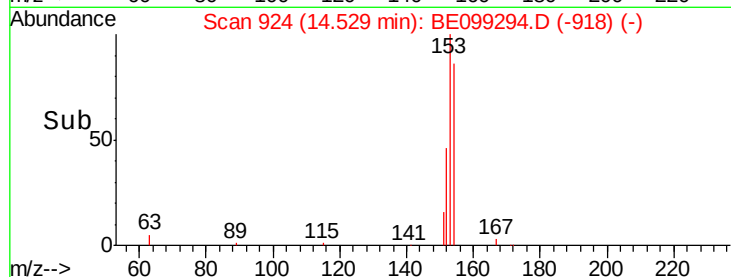
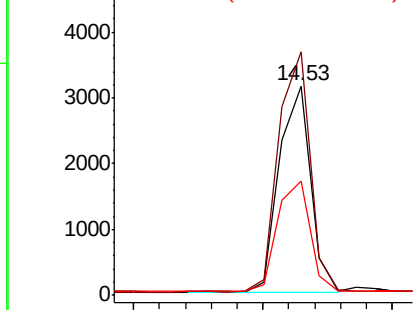
#17
Acenaphthene
Concen: 0.231 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Instrument :
BNA_E
ClientSampleId :
PB118607BS

Tgt Ion:154 Resp: 5313
Ion Ratio Lower Upper
154 100
153 117.5 93.4 140.0
152 55.7 46.6 69.8

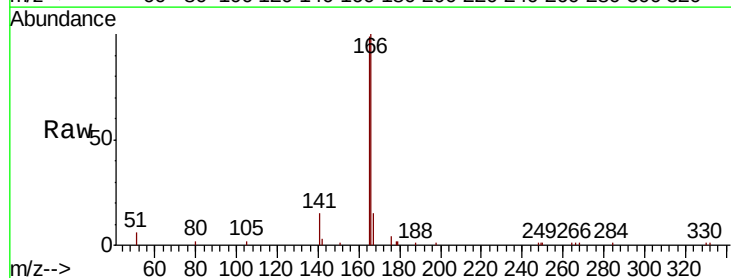


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

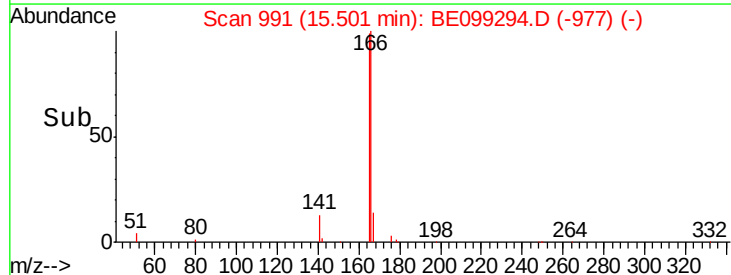
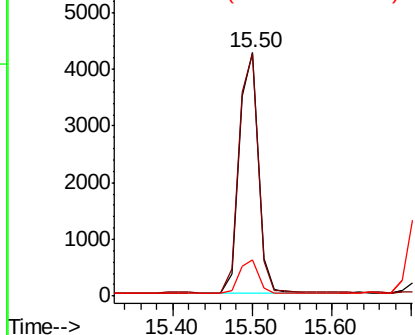


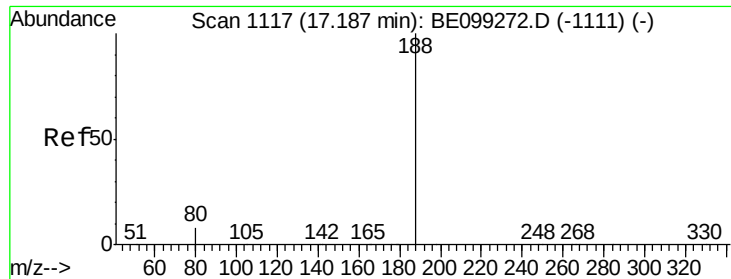
#18
Fluorene
Concen: 0.215 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Tgt Ion:166 Resp: 7120
Ion Ratio Lower Upper
166 100
165 100.1 78.9 118.3
167 13.8 10.9 16.3



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: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampleId :

PB118607BS

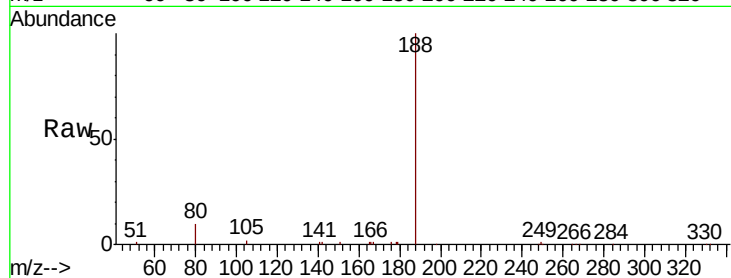
Tgt Ion:188 Resp: 22271

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

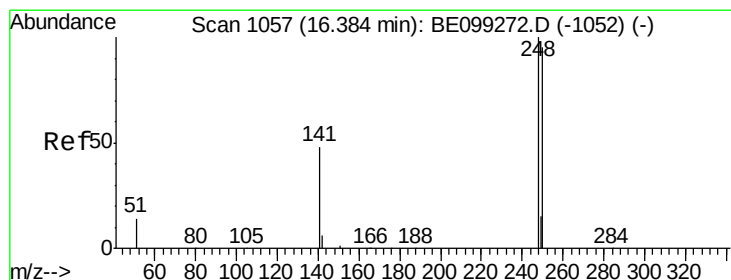
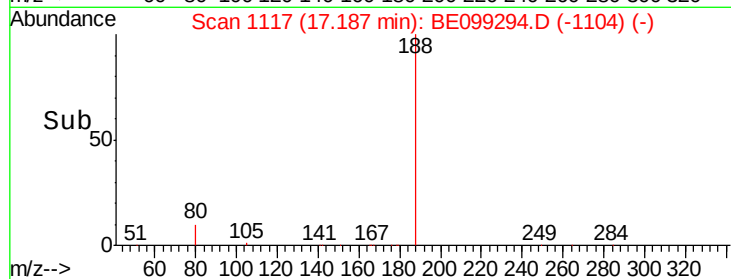
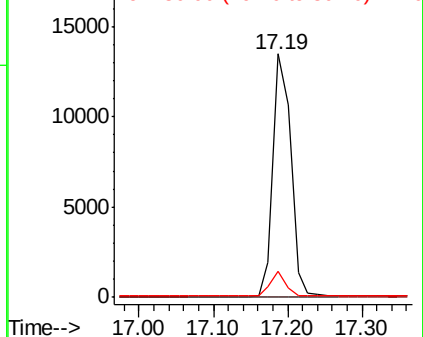
80 10.5 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.230 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

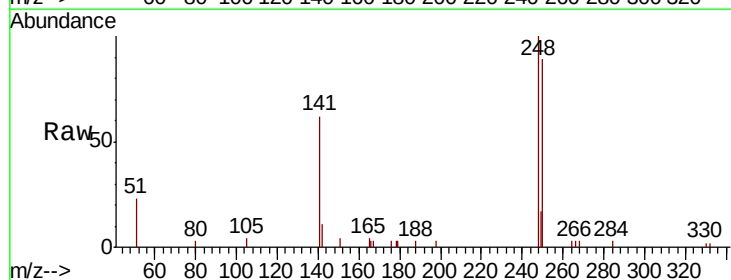
Tgt Ion:248 Resp: 2907

Ion Ratio Lower Upper

248 100

250 89.3 84.2 126.2

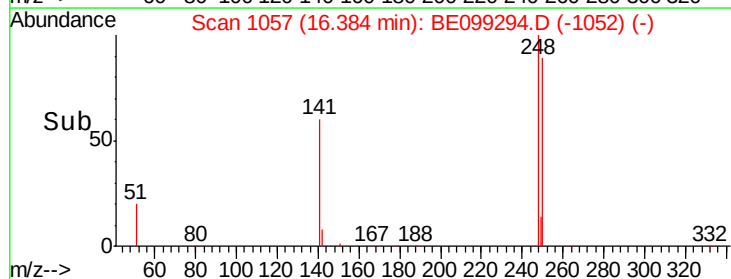
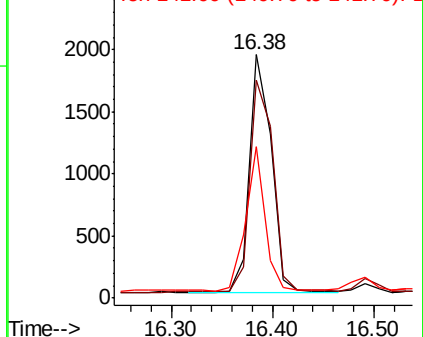
141 62.0 21.8 32.6#

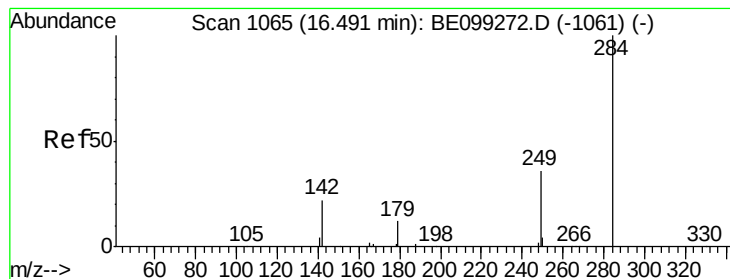


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.233 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampleId :

PB118607BS

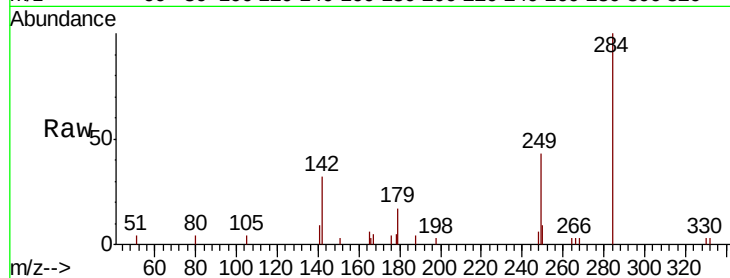
Tgt Ion:284 Resp: 2809

Ion Ratio Lower Upper

284 100

142 27.1 22.7 34.1

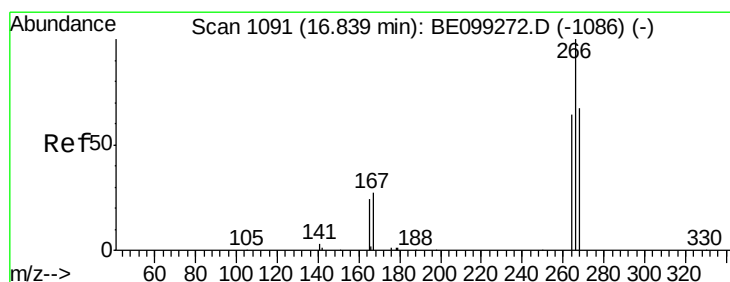
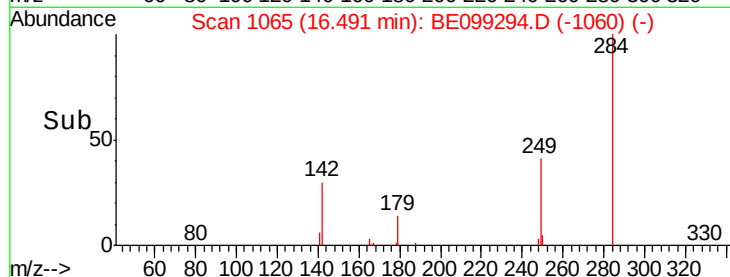
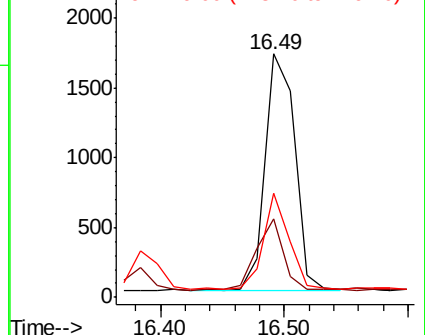
249 35.2 26.9 40.3



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: 0.280 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

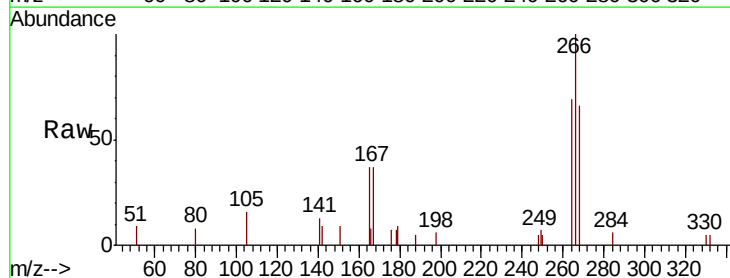
Tgt Ion:266 Resp: 1398

Ion Ratio Lower Upper

266 100

264 69.4 54.4 81.6

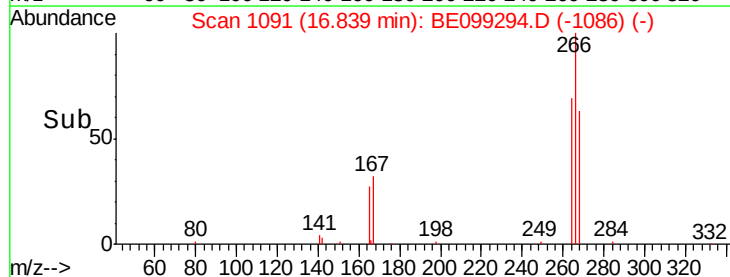
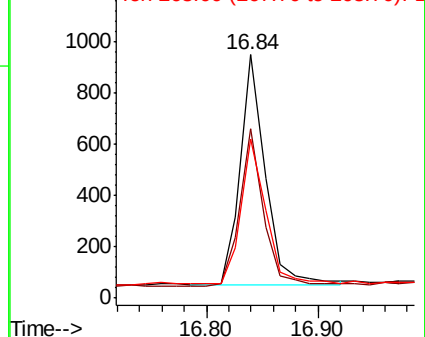
268 65.6 61.3 91.9

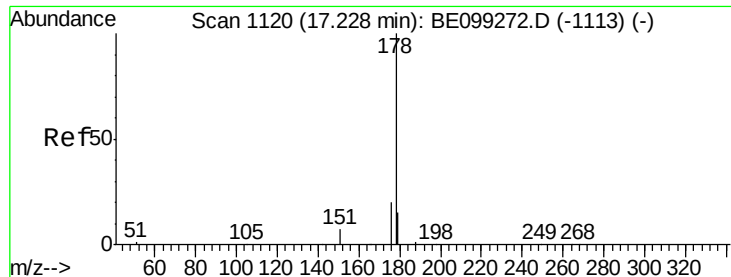


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.238 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampleId :

PB118607BS

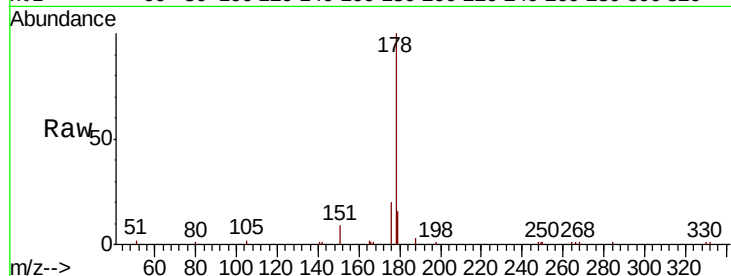
Tgt Ion:178 Resp: 13721

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

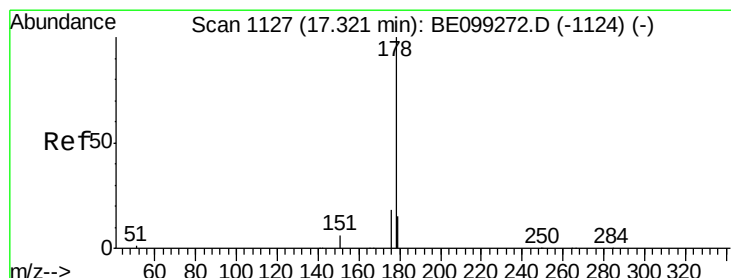
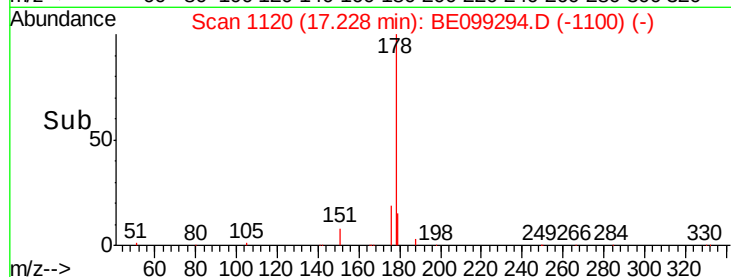
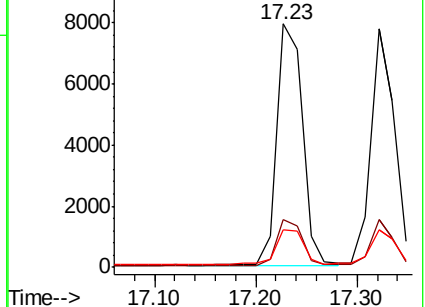
179 15.7 12.3 18.5



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



#24

Anthracene

Concen: 0.230 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

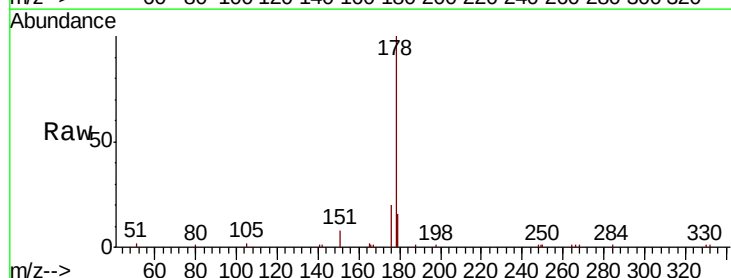
Tgt Ion:178 Resp: 12484

Ion Ratio Lower Upper

178 100

176 18.3 15.1 22.7

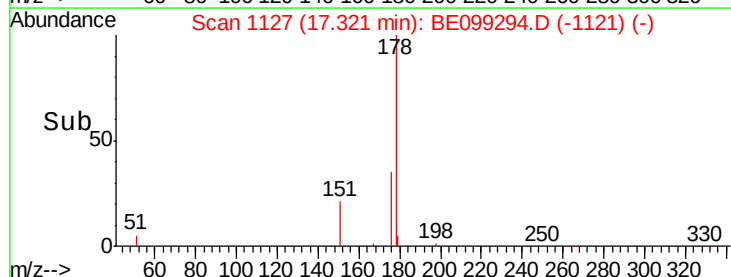
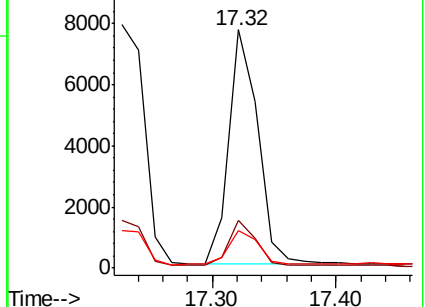
179 15.4 12.4 18.6

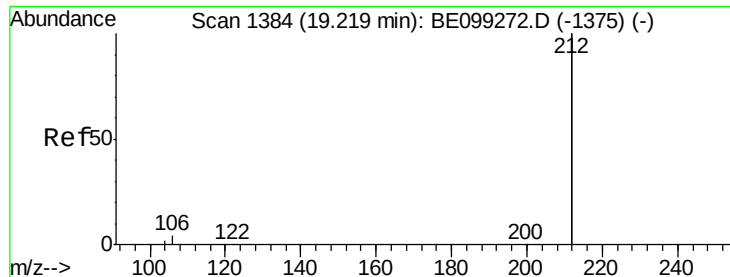


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.225 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampleId :

PB118607BS

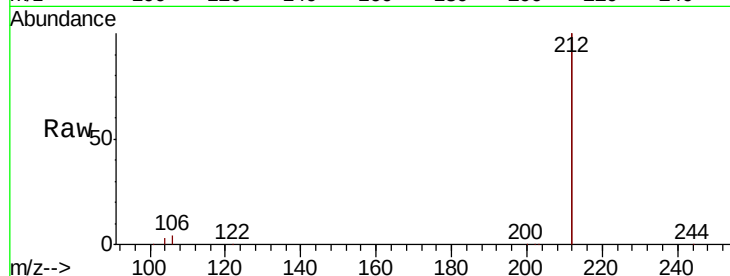
Tgt Ion:212 Resp: 66173

Ion Ratio Lower Upper

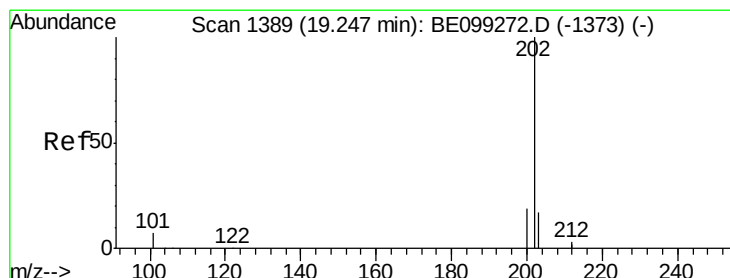
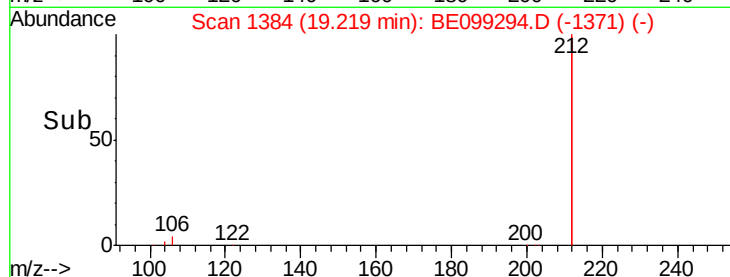
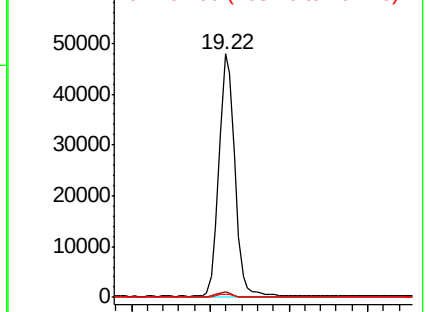
212 100

106 2.1 1.8 2.8

104 1.3 1.1 1.7



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: 0.197 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

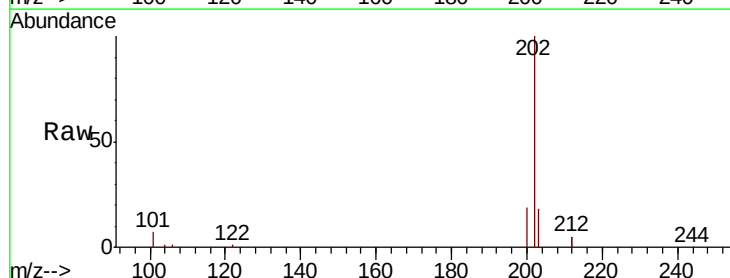
Tgt Ion:202 Resp: 16789

Ion Ratio Lower Upper

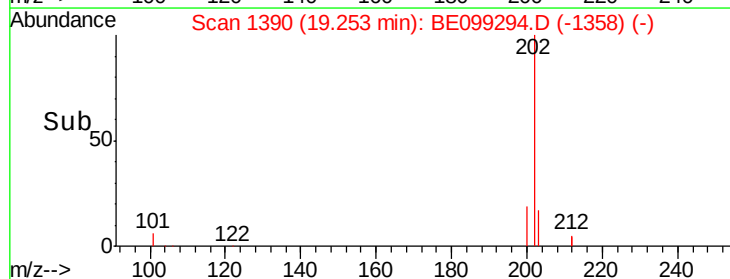
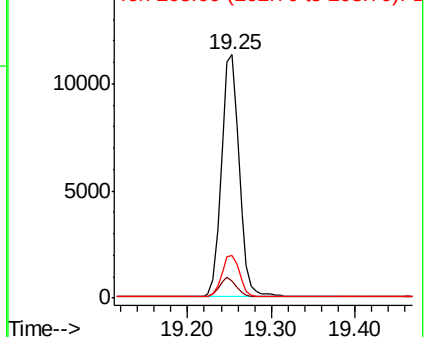
202 100

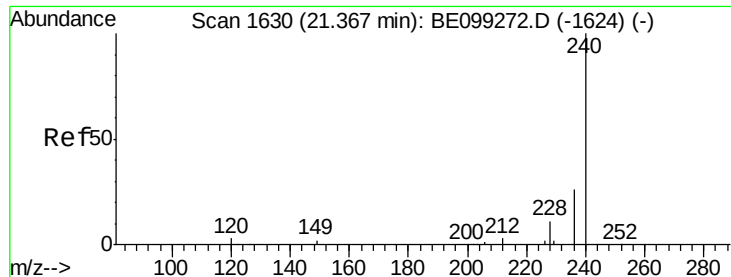
101 7.8 7.0 10.4

203 17.1 13.8 20.6



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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampleId :

PB118607BS

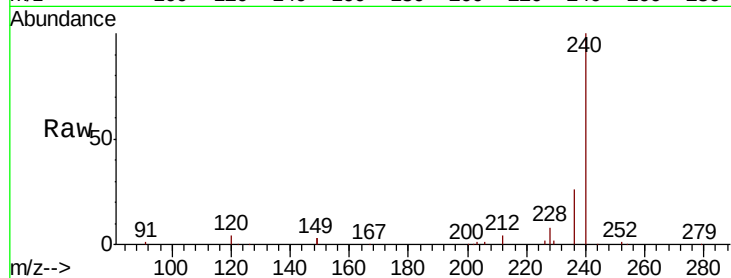
Tgt Ion:240 Resp: 25472

Ion Ratio Lower Upper

240 100

120 3.9 2.6 3.8#

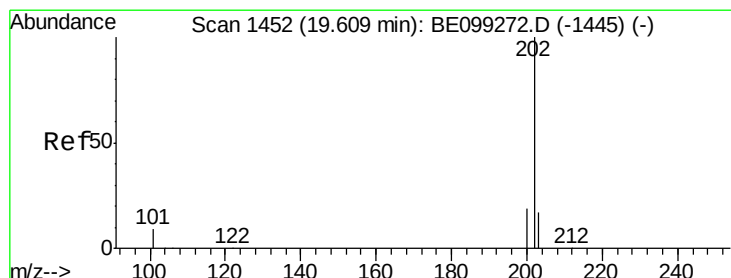
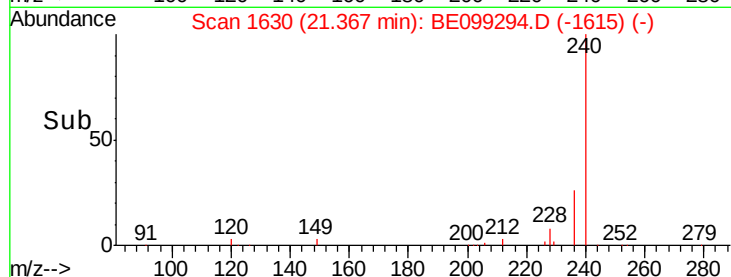
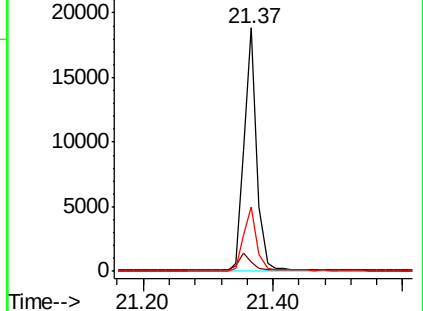
236 26.4 20.9 31.3



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: 0.254 ng

RT: 19.62 min Scan# 1453

Delta R.T. -0.02 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

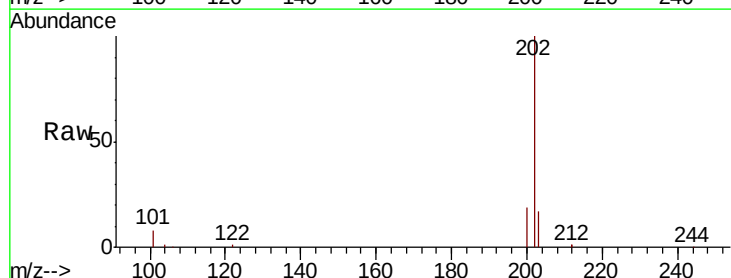
Tgt Ion:202 Resp: 17055

Ion Ratio Lower Upper

202 100

200 19.4 15.8 23.8

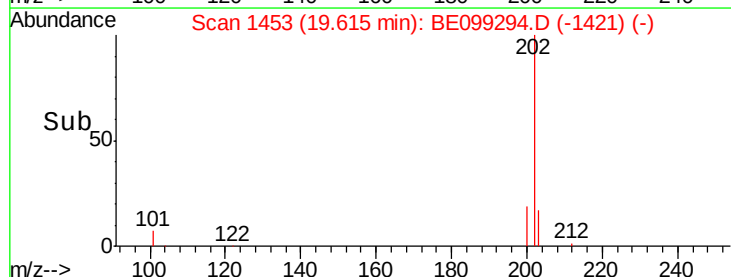
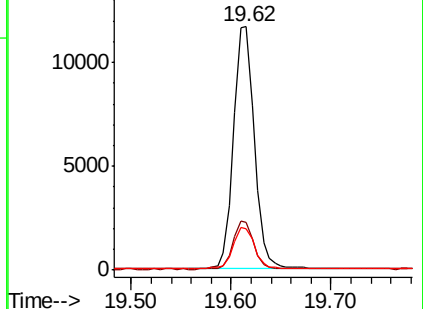
203 17.6 14.1 21.1

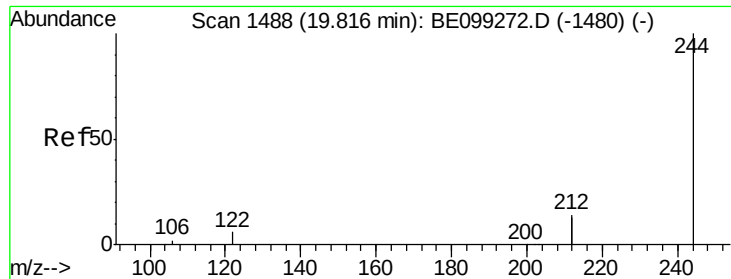


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.240 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampleId :

PB118607BS

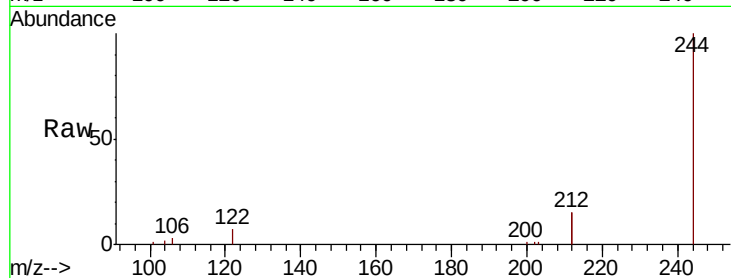
Tgt Ion:244 Resp: 11172

Ion Ratio Lower Upper

244 100

212 29.6 22.7 34.1

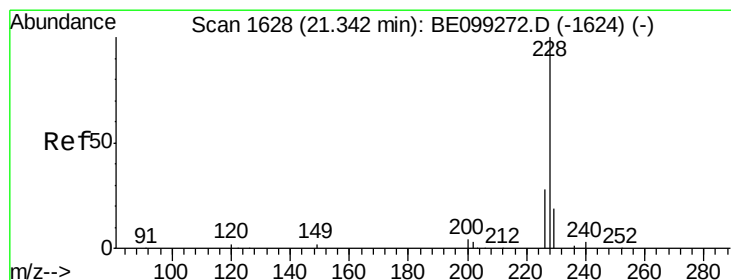
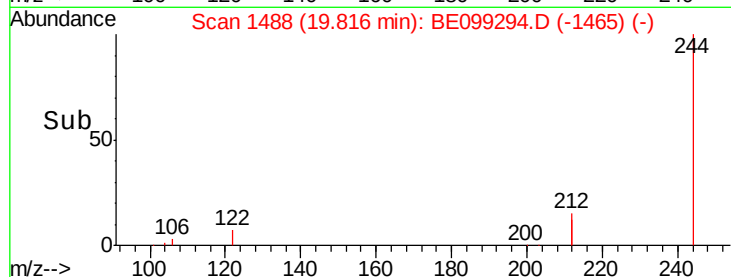
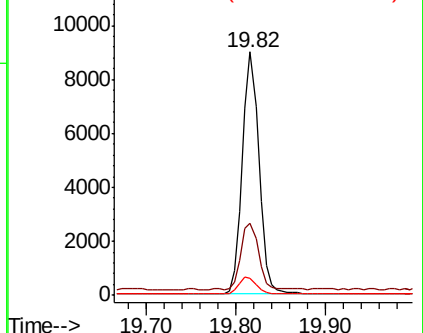
122 7.1 5.8 8.6



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: 0.234 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

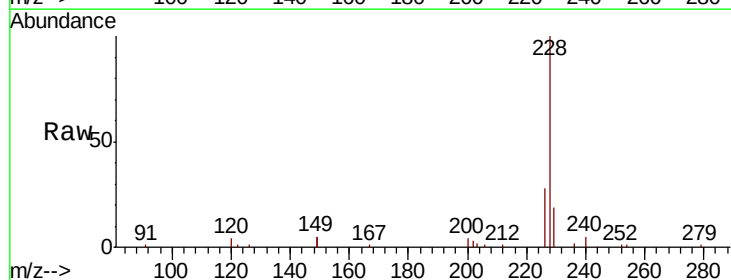
Tgt Ion:228 Resp: 18779

Ion Ratio Lower Upper

228 100

226 27.7 21.7 32.5

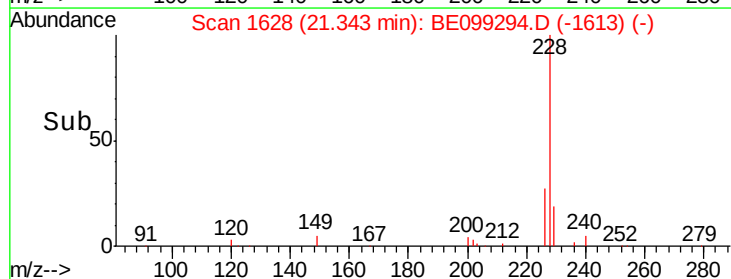
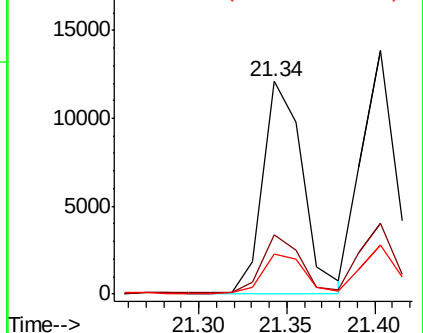
229 19.0 15.9 23.9

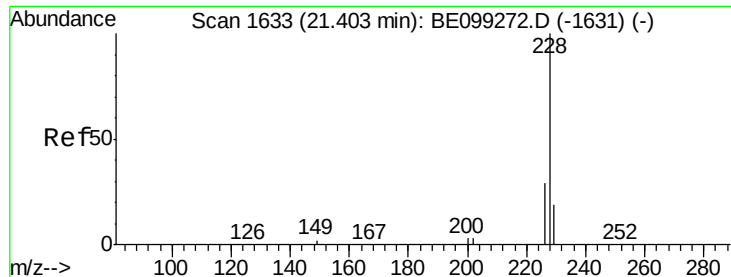


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.237 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampleId :

PB118607BS

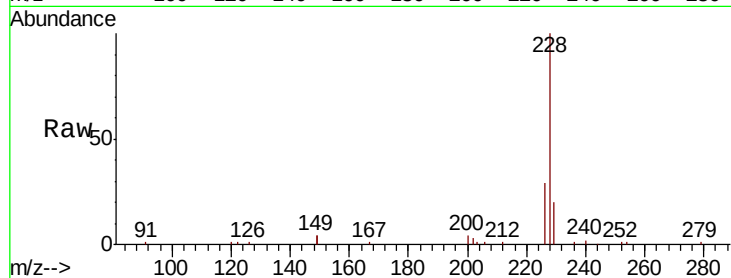
Tgt Ion:228 Resp: 18649

Ion Ratio Lower Upper

228 100

226 28.9 24.8 37.2

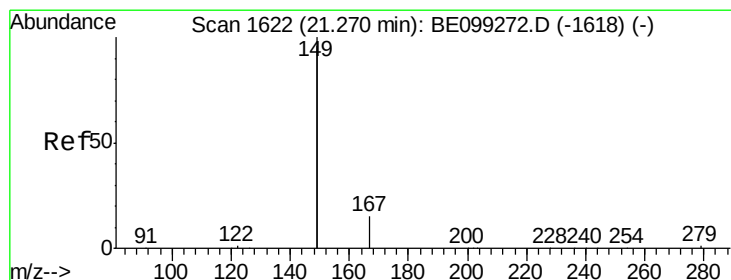
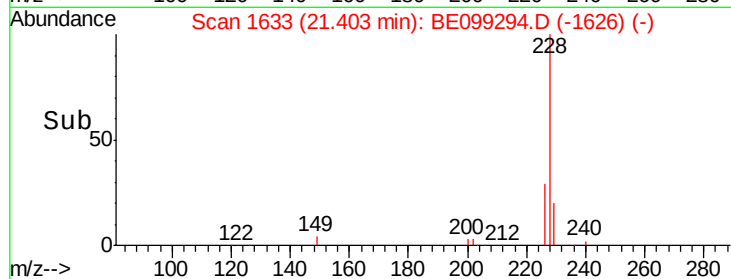
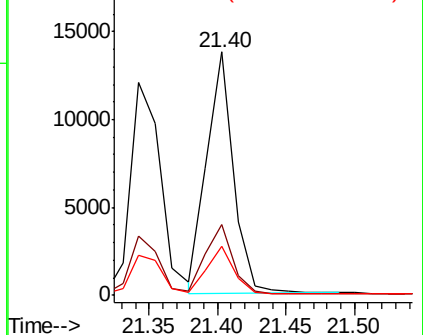
229 20.0 15.4 23.0



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: 0.149 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

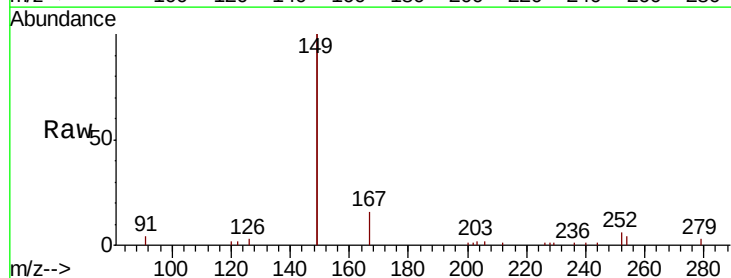
Tgt Ion:149 Resp: 15195

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

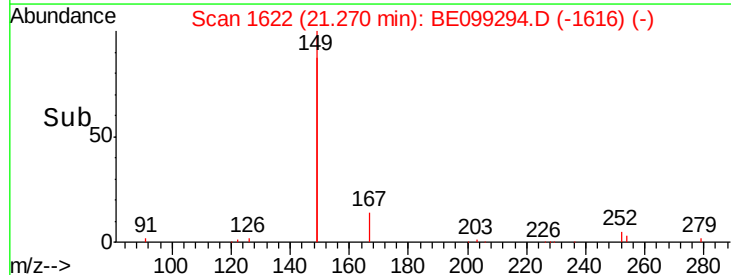
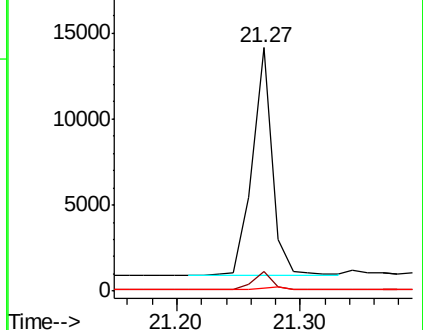
279 1.6 1.0 1.6#

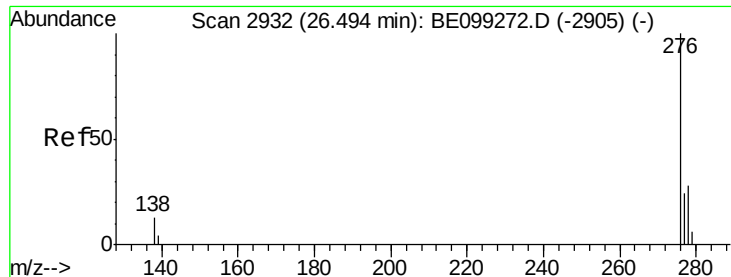


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.298 ng

RT: 26.50 min Scan# 2933

Delta R.T. -0.06 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampleId :

PB118607BS

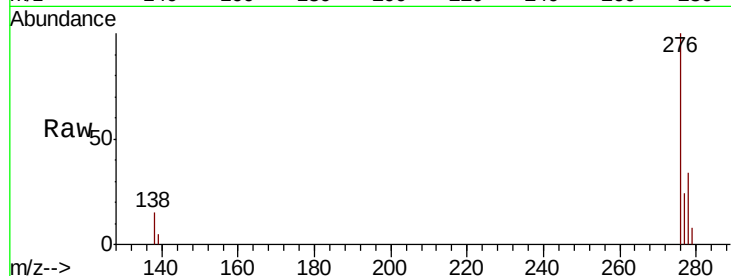
Tgt Ion:276 Resp: 26804

Ion Ratio Lower Upper

276 100

138 16.1 12.9 19.3

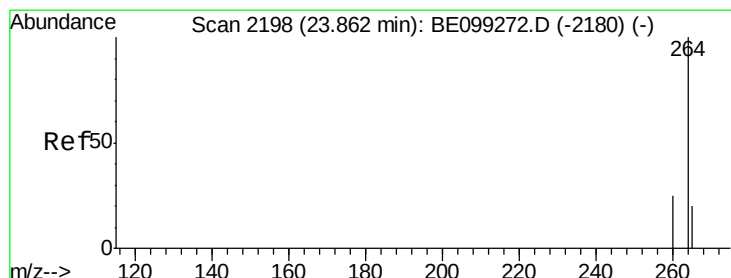
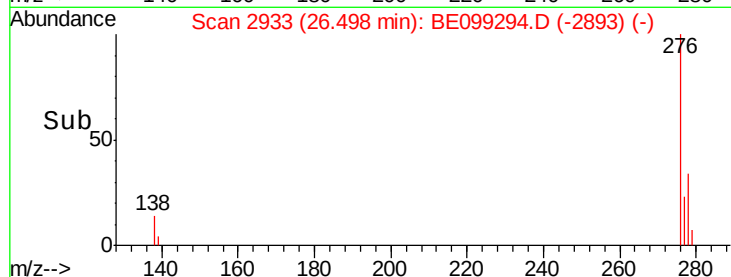
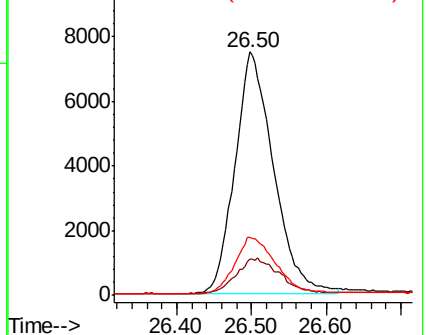
277 24.4 18.3 27.5



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: 23.86 min Scan# 2198

Delta R.T. -0.03 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

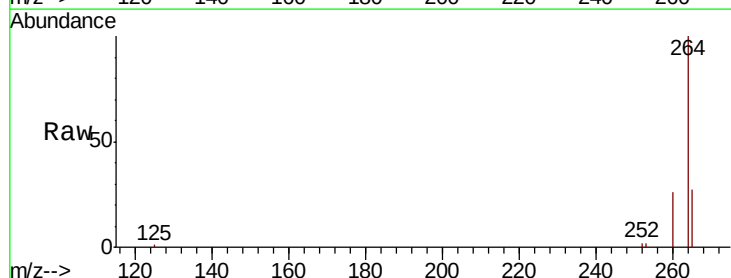
Tgt Ion:264 Resp: 30432

Ion Ratio Lower Upper

264 100

260 25.6 18.2 27.2

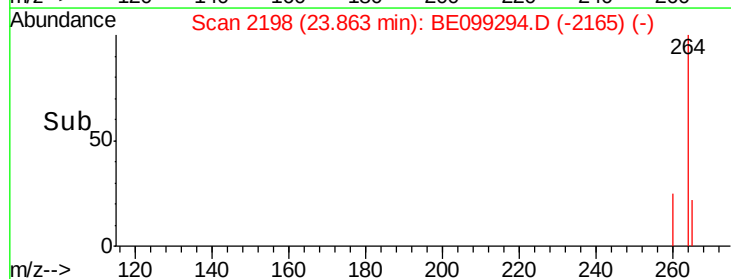
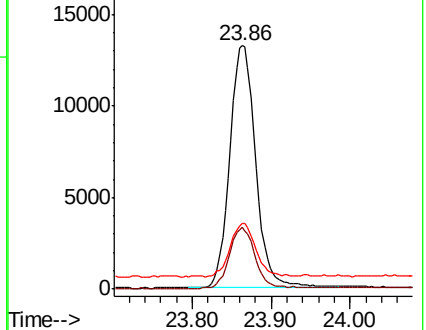
265 26.7 21.8 32.8

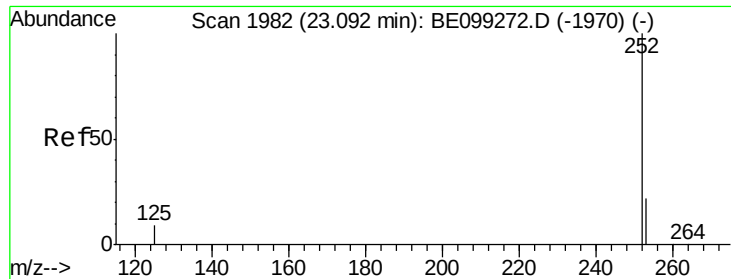


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.233 ng

RT: 23.14 min Scan# 1996

Delta R.T. 0.02 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampleId :

PB118607BS

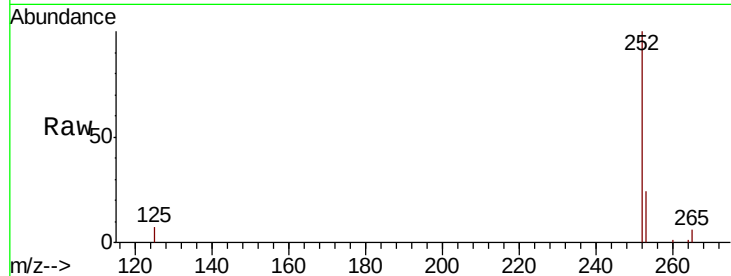
Tgt Ion:252 Resp: 21123

Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.8

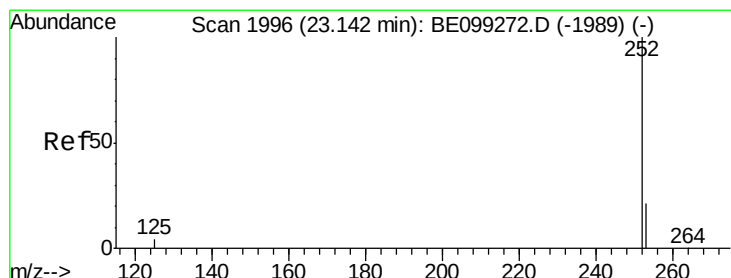
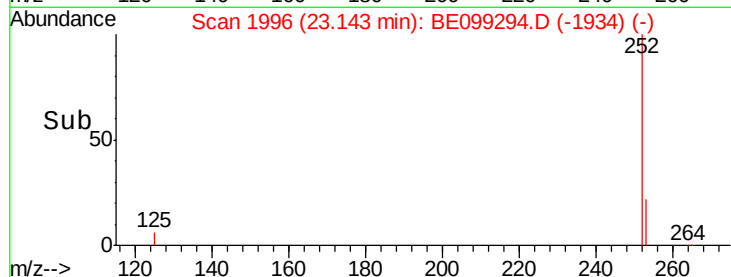
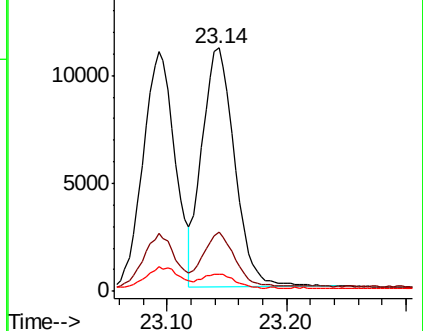
125 7.2 6.1 9.1



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: 0.239 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.03 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

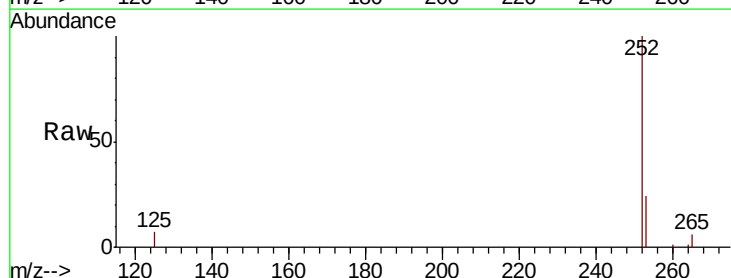
Tgt Ion:252 Resp: 21123

Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.6

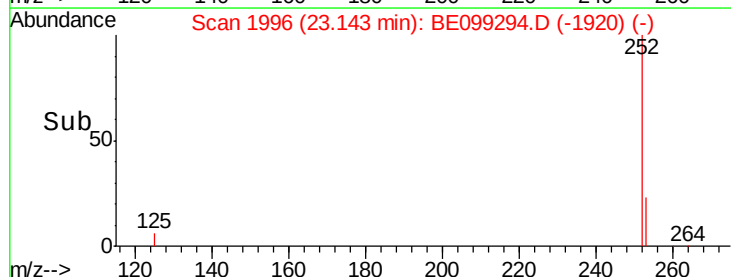
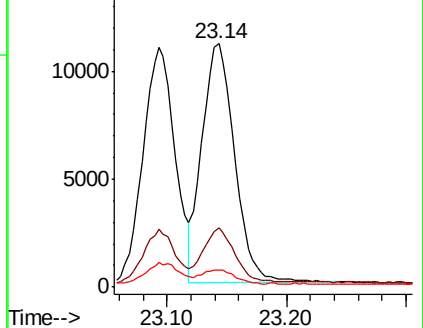
125 7.2 5.9 8.9

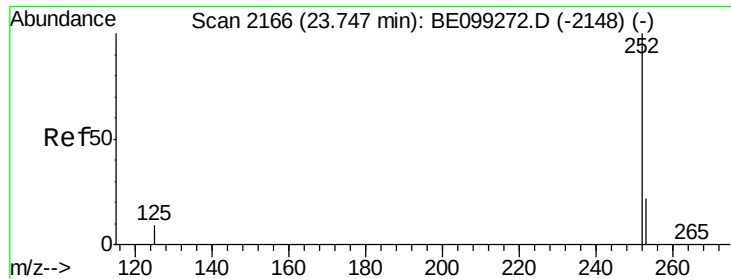


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.233 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.03 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampleId :

PB118607BS

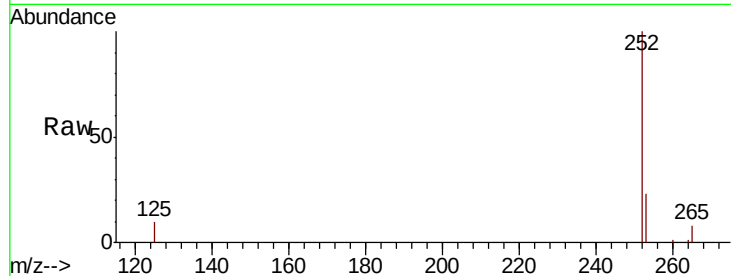
Tgt Ion:252 Resp: 19870

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

125 9.8 6.8 10.2

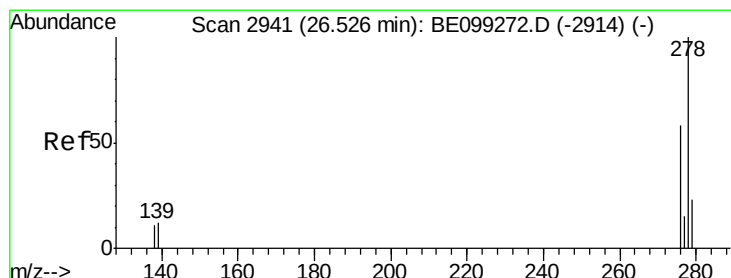
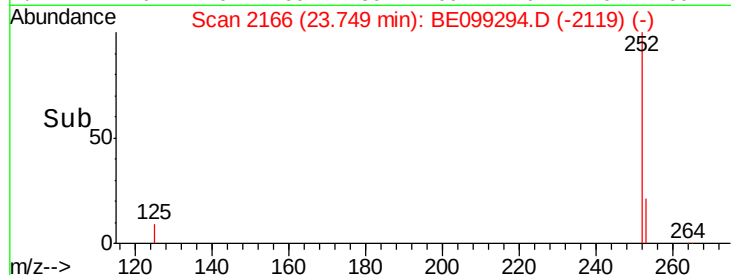
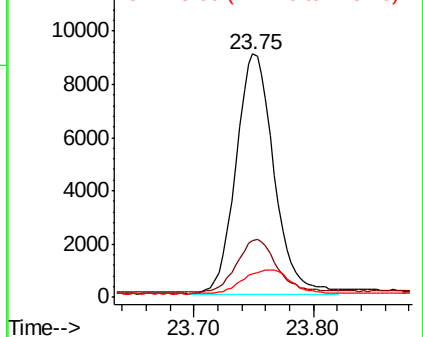


Abundance

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: 0.271 ng

RT: 26.53 min Scan# 2942

Delta R.T. -0.06 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

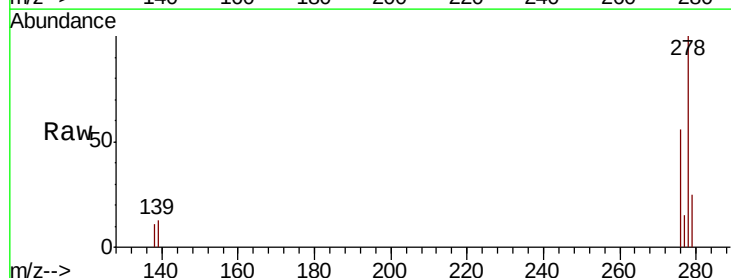
Tgt Ion:278 Resp: 22990

Ion Ratio Lower Upper

278 100

139 12.6 9.5 14.3

279 24.7 19.1 28.7

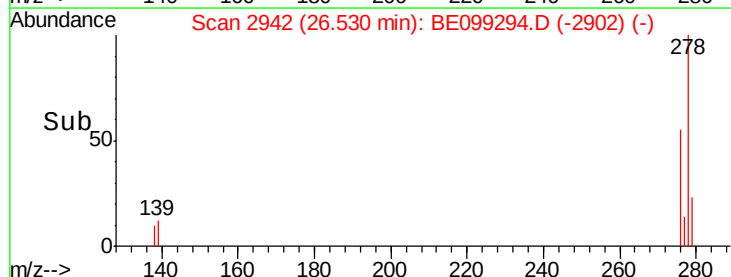
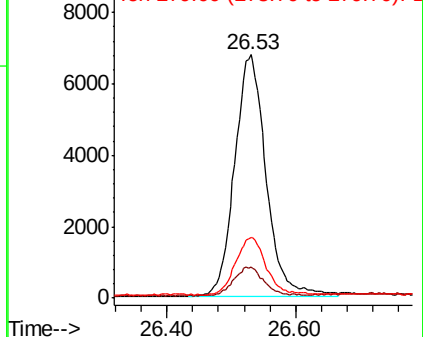


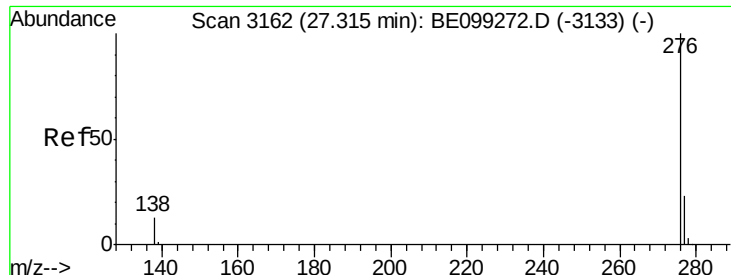
Abundance

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: 0.277 ng

RT: 27.31 min Scan# 3162

Delta R.T. -0.06 min

Lab File: BE099294.D

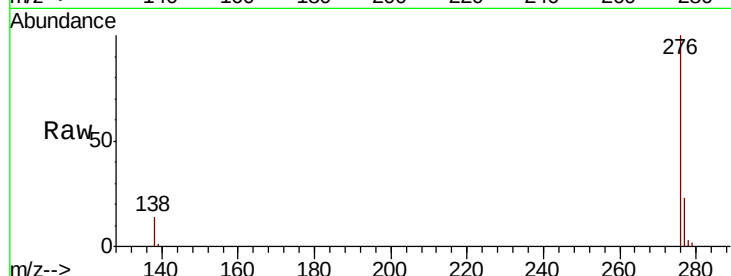
Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampleId :

PB118607BS



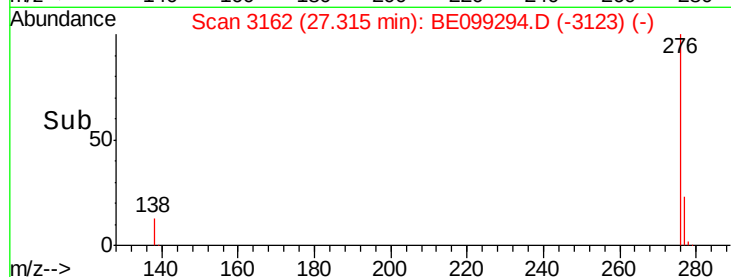
Tgt Ion: 276 Resp: 23434

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 14.3 11.1 16.7



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

