

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE040219\
 Data File : BE099270.D
 Acq On : 2 Apr 2019 12:00
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 02 14:07:36 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 14:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3037	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	11423	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	7580	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	23819	0.40	ng	0.00
27) Chrysene-d12	21.37	240	35951	0.40	ng	0.00
34) Perylene-d12	23.86	264	39822	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	785	0.09	ng	0.00
5) Phenol-d6	6.98	99	1035	0.07	ng	0.01
8) Nitrobenzene-d5	8.96	82	629	0.07	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1802	0.08	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	290	0.11	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	2803	0.09	ng	0.00
25) Fluoranthene-d10	19.22	212	29364	0.10	ng	0.00
29) Terphenyl-d14	19.82	244	6075	0.08	ng	0.00

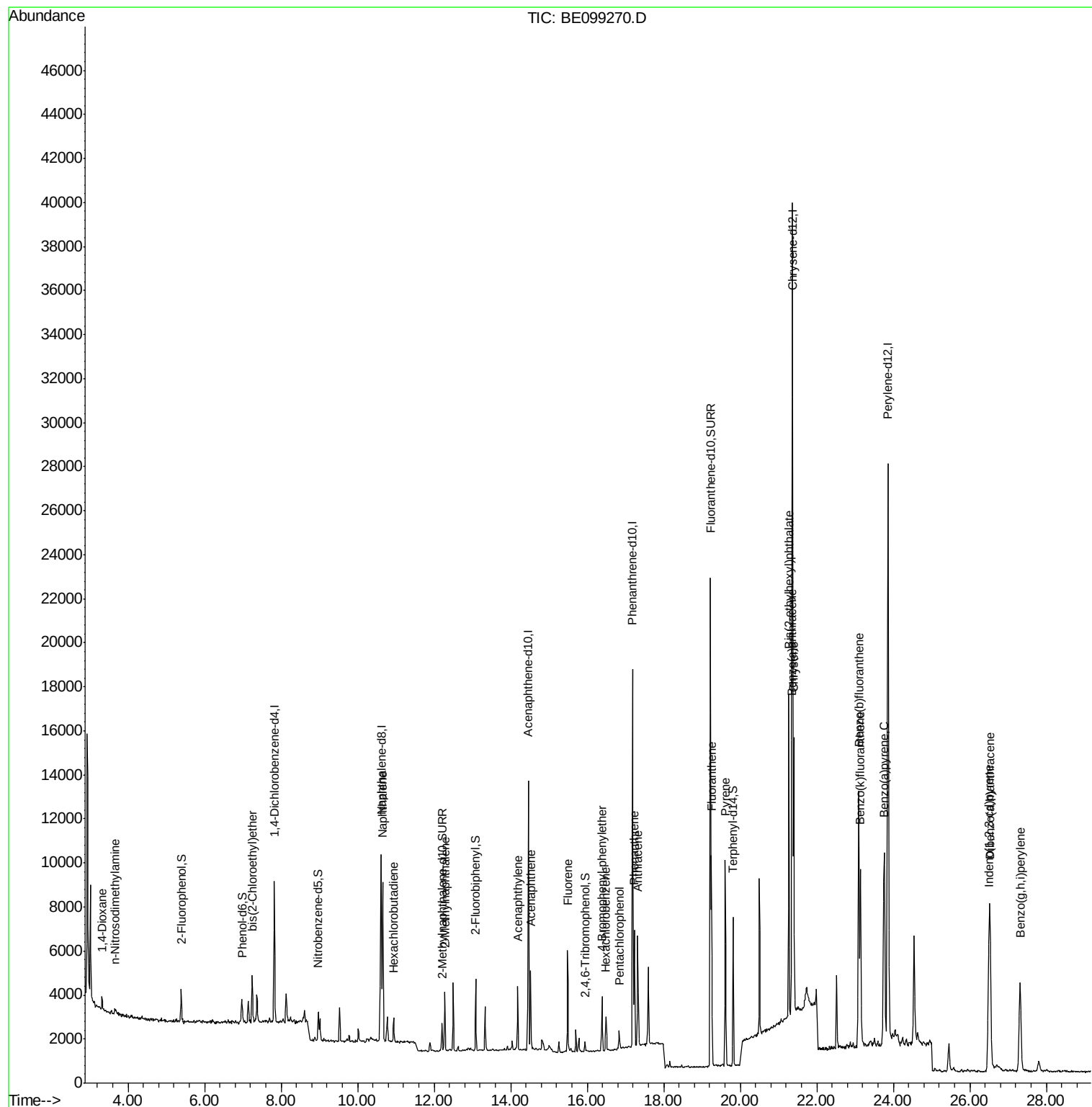
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	659	0.165	ng	88
3) n-Nitrosodimethylamine	3.65	42	204	0.091	ng	# 95
6) bis(2-Chloroethyl)ether	7.24	93	965	0.089	ng	# 98
9) Naphthalene	10.65	128	11661	0.087	ng	# 98
10) Hexachlorobutadiene	10.94	225	801	0.112	ng	94
12) 2-Methylnaphthalene	12.28	142	1914	0.079	ng	97
16) Acenaphthylene	14.18	152	3329	0.086	ng	98
17) Acenaphthene	14.53	154	1962	0.085	ng	98
18) Fluorene	15.49	166	2810	0.086	ng	95
20) 4-Bromophenyl-phenylether	16.38	248	1254	0.082	ng	95
21) Hexachlorobenzene	16.49	284	1168	0.079	ng	97
22) Pentachlorophenol	16.84	266	451	0.230	ng	91
23) Phenanthrene	17.23	178	5814	0.083	ng	98
24) Anthracene	17.32	178	5308	0.084	ng	99
26) Fluoranthene	19.25	202	8392	0.094	ng	99
28) Pyrene	19.61	202	8729	0.073	ng	100
30) Benzo(a)anthracene	21.34	228	10775	0.091	ng	100
31) Chrysene	21.40	228	10438	0.082	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	15829	0.112	ng	100
33) Indeno(1,2,3-cd)pyrene	26.50	276	12317	0.103	ng	# 95
35) Benzo(b)fluoranthene	23.09	252	11813	0.090	ng	# 46
36) Benzo(k)fluoranthene	23.14	252	10574	0.076	ng	# 87
37) Benzo(a)pyrene	23.75	252	11203	0.092	ng	# 72
38) Dibenzo(a,h)anthracene	26.53	278	9985	0.092	ng	# 81
39) Benzo(g,h,i)perylene	27.32	276	10258	0.094	ng	96

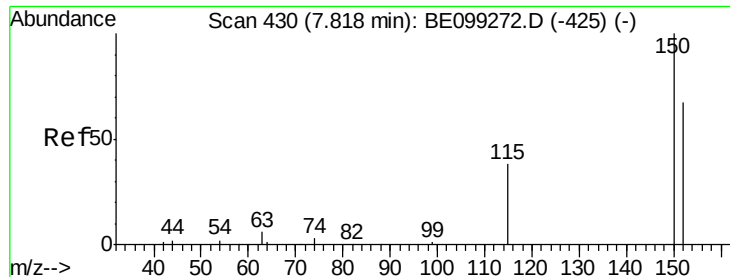
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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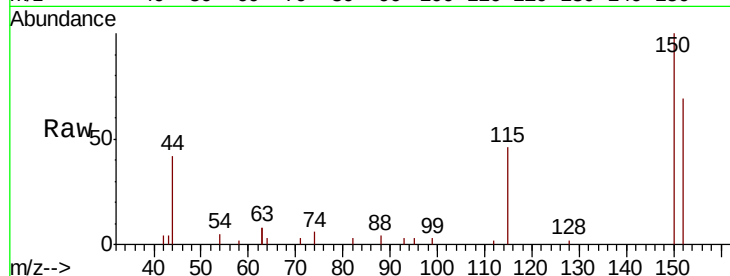


#1

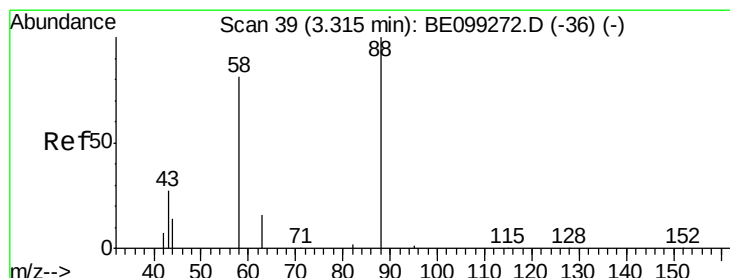
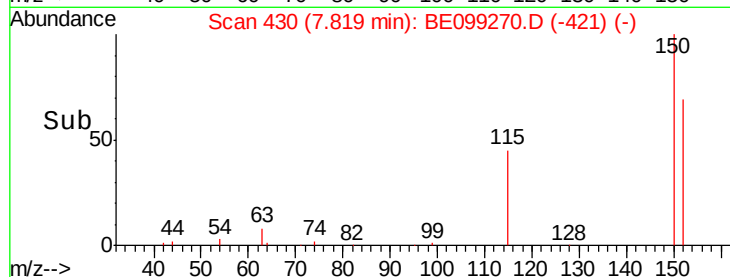
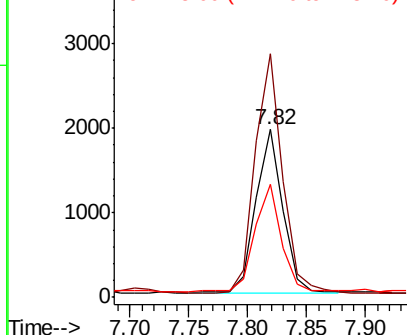
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3037
Ion Ratio Lower Upper
152 100
150 145.2 118.6 178.0
115 67.3 47.6 71.4



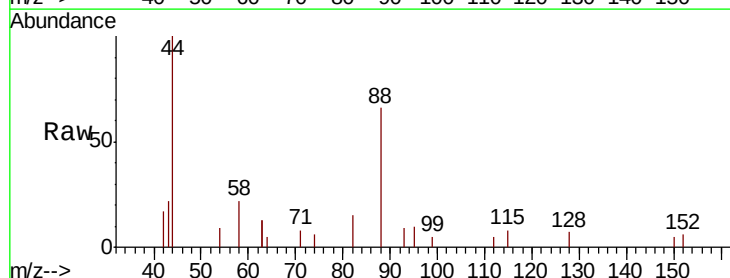
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



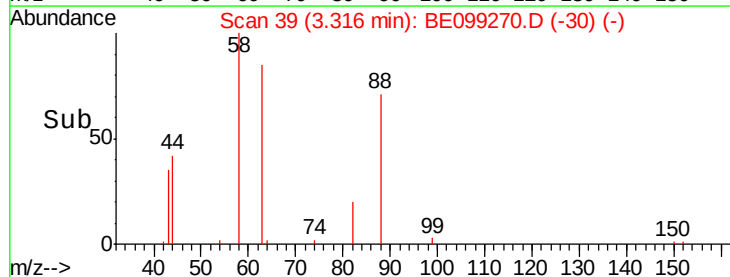
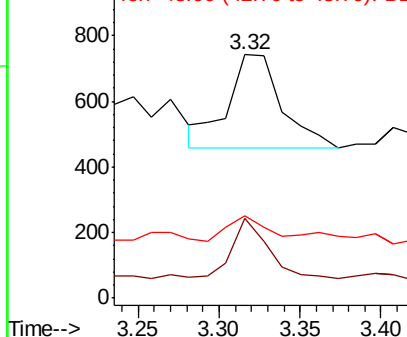
#2

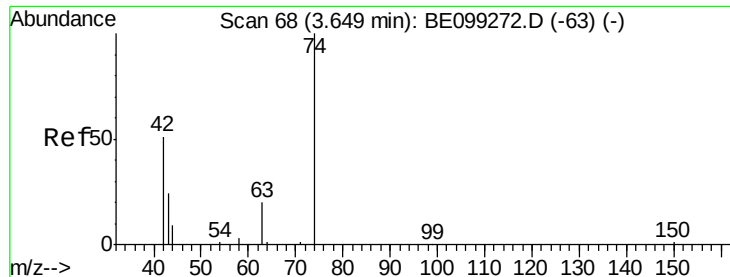
1,4-Dioxane
Concen: 0.165 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion: 88 Resp: 659
Ion Ratio Lower Upper
88 100
58 43.7 43.0 64.4
43 21.2 14.8 22.2



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: 0.091 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

Instrument :

BNA_E

ClientSampleId :

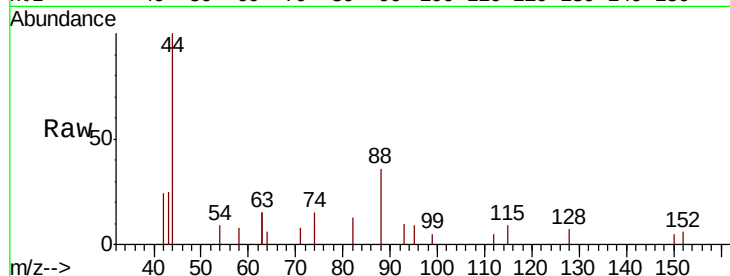
Tot Ion: 42 Resp: 204

Ion Ratio Lower Upper

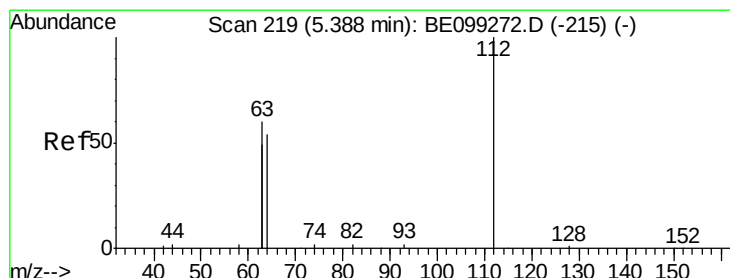
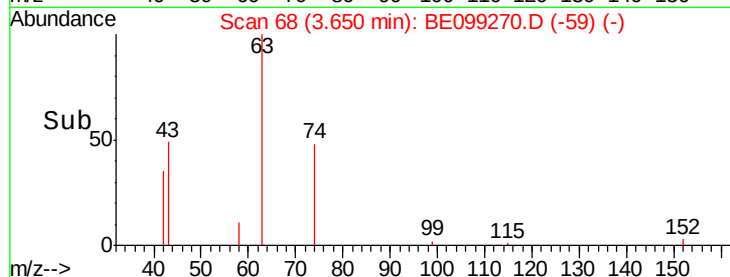
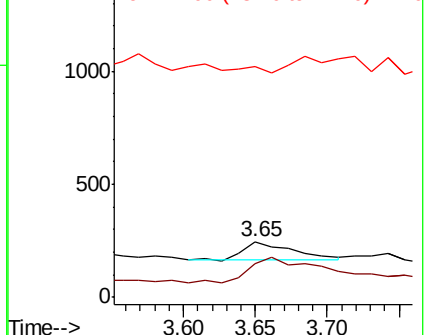
42 100

74 174.0 133.8 200.8

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: 0.087 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

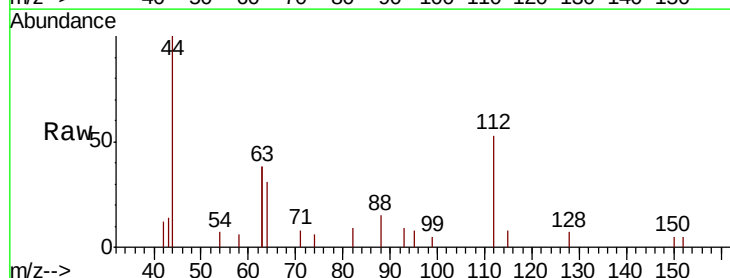
Tgt Ion: 112 Resp: 785

Ion Ratio Lower Upper

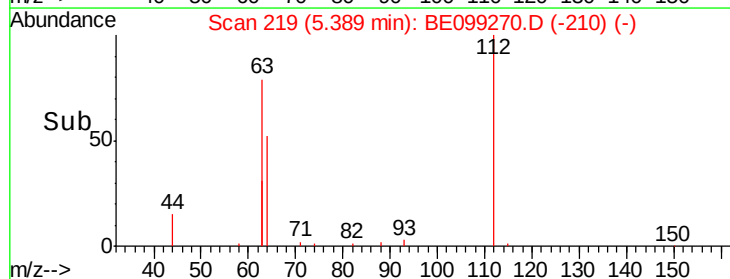
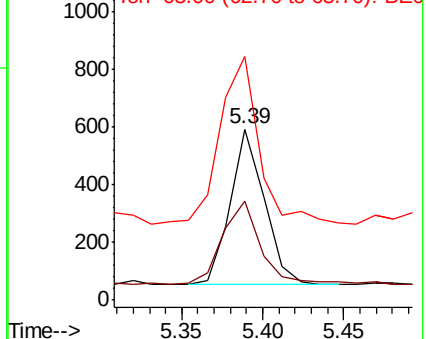
112 100

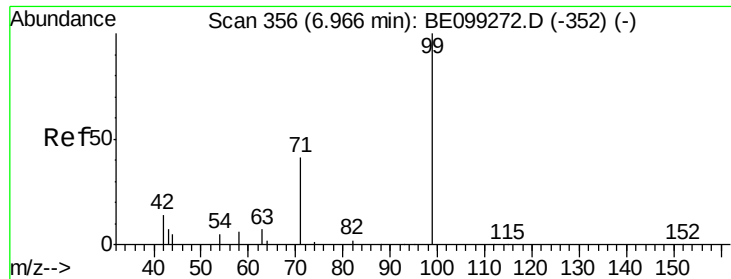
64 60.6 45.1 67.7

63 125.2 94.4 141.6



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: 0.075 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

Instrument :

BNA_E

ClientSampleId :

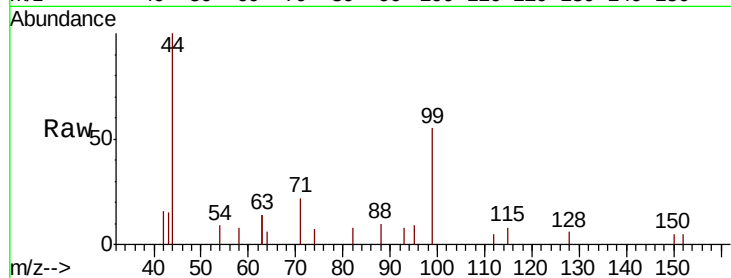
Tot Ion: 99 Resp: 1035

Ion Ratio Lower Upper

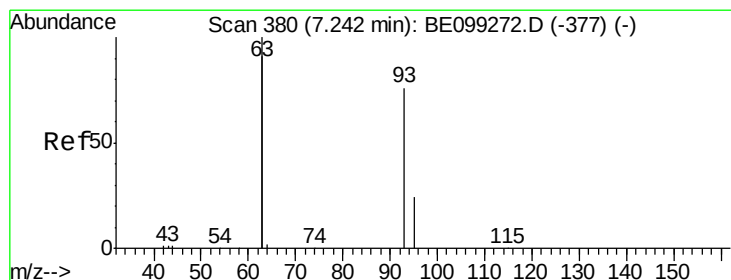
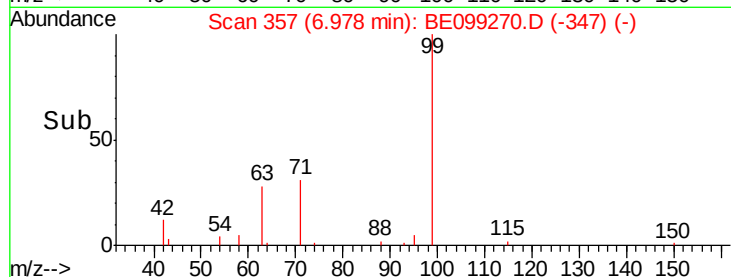
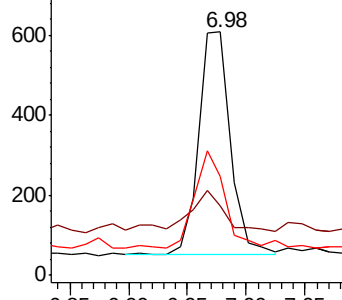
99 100

42 19.0 12.2 18.4#

71 45.6 30.1 45.1#



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: 0.089 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

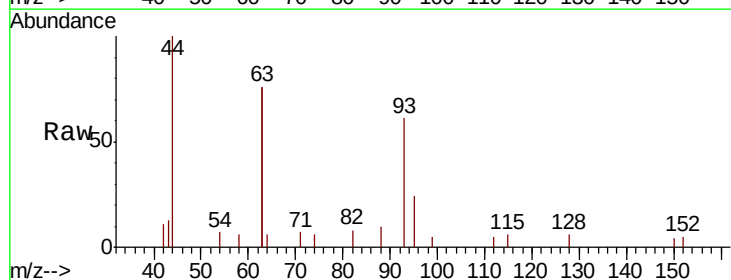
Tgt Ion: 93 Resp: 965

Ion Ratio Lower Upper

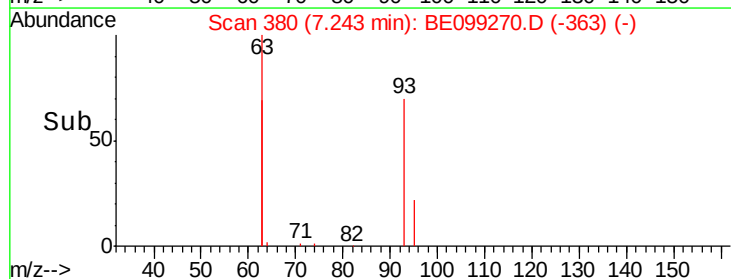
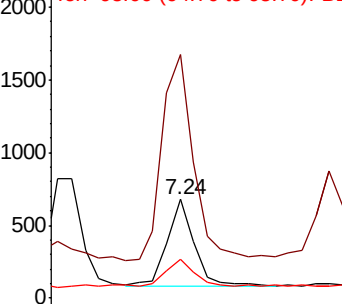
93 100

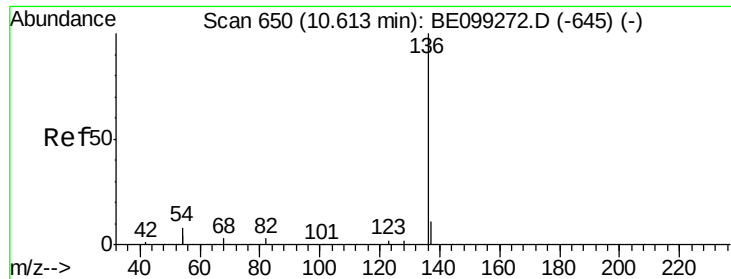
63 273.1 219.4 329.2

95 44.1 28.2 42.2#



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. 0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 11423

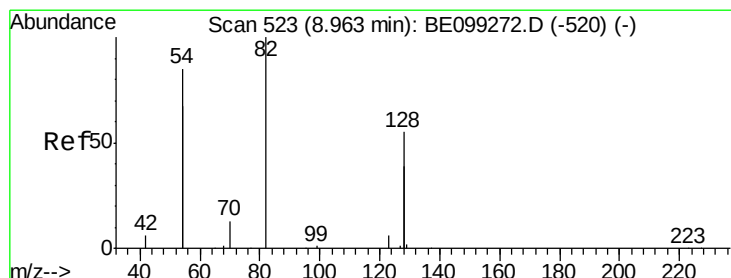
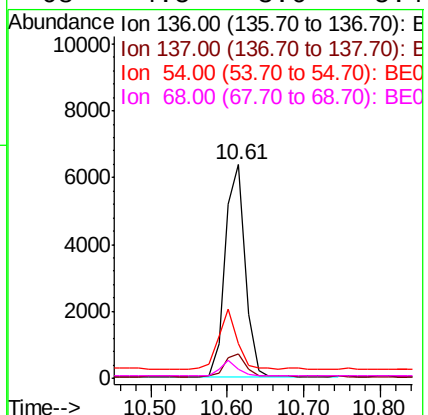
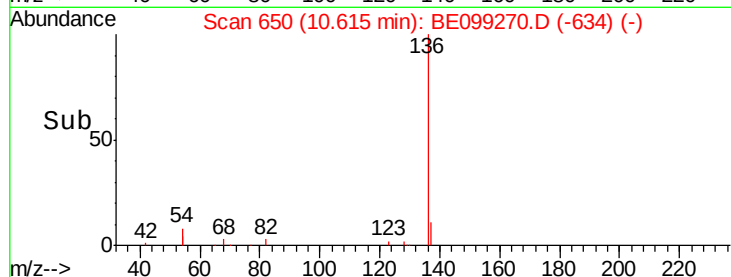
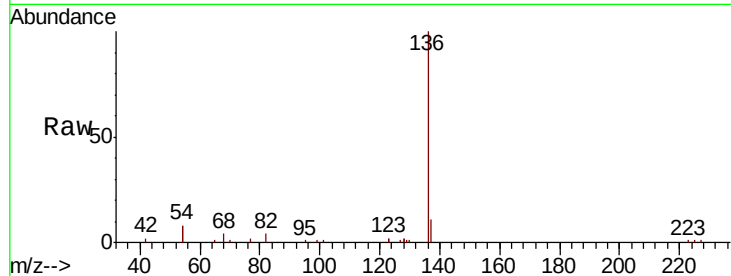
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 16.0 12.9 19.3

68 4.5 3.6 5.4



#8

Nitrobenzene-d5

Concen: 0.067 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

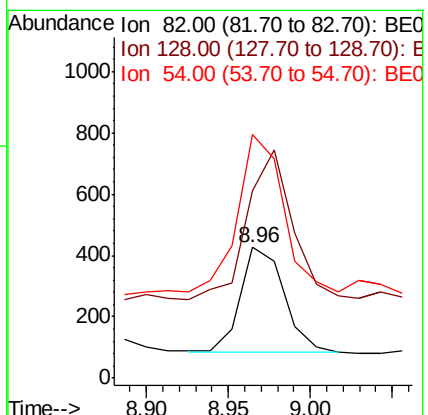
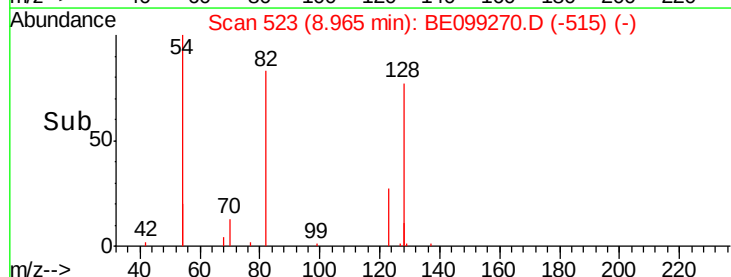
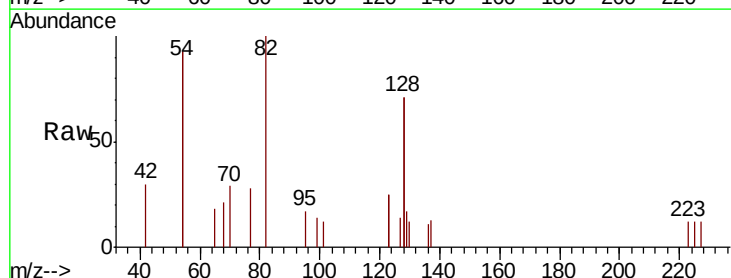
Tgt Ion: 82 Resp: 629

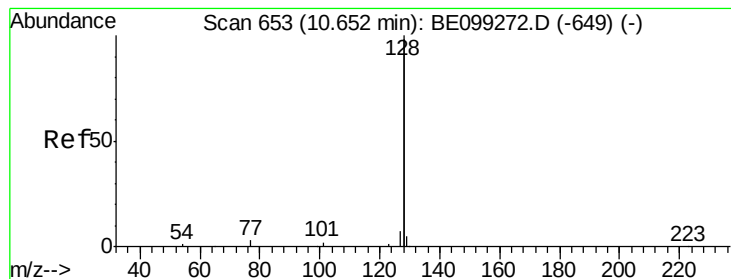
Ion Ratio Lower Upper

82 100

128 142.9 83.2 124.8#

54 185.9 129.3 193.9





#9

Naphthalene

Concen: 0.087 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

Instrument :

BNA_E

ClientSampleId :

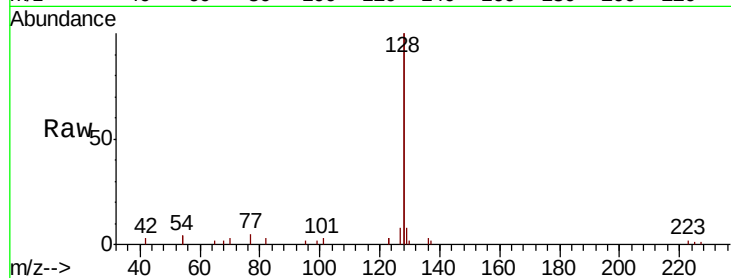
Tot Ion:128 Resp: 11661

Ion Ratio Lower Upper

128 100

129 3.8 2.2 3.4#

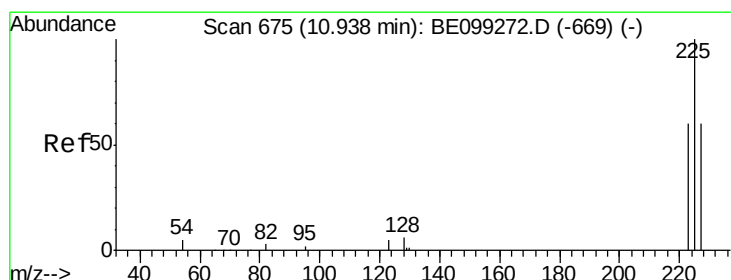
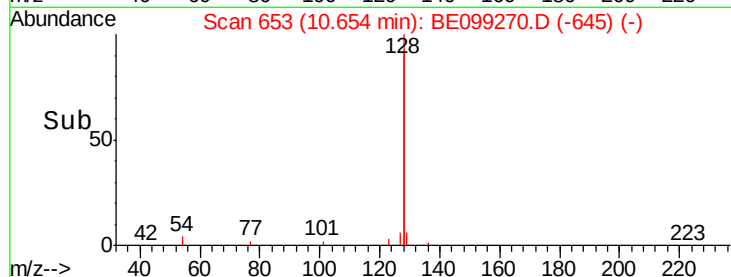
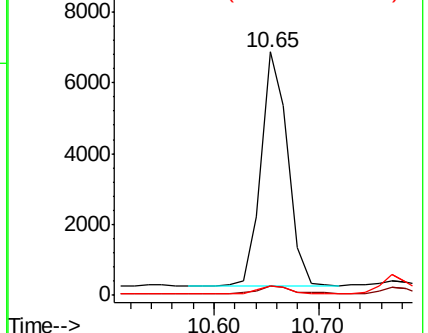
127 4.0 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.112 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

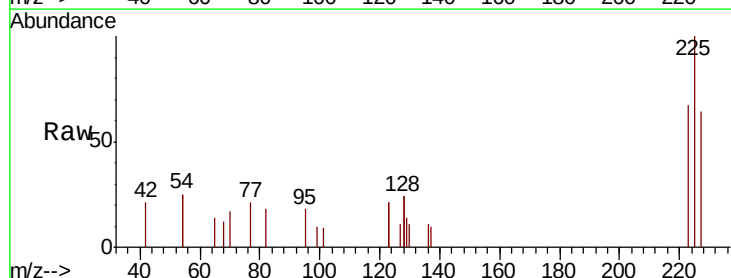
Tgt Ion:225 Resp: 801

Ion Ratio Lower Upper

225 100

223 57.7 50.1 75.1

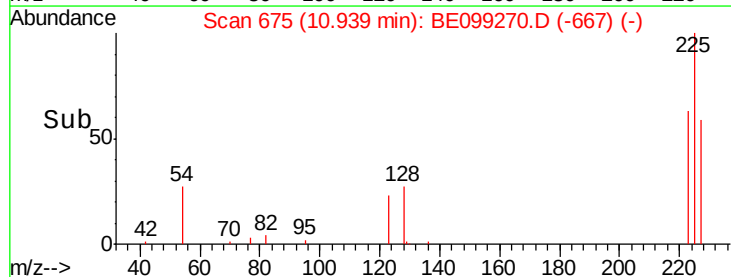
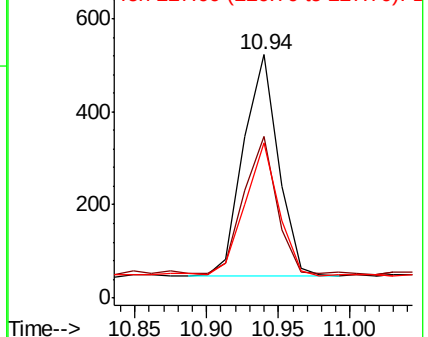
227 58.3 50.6 75.8

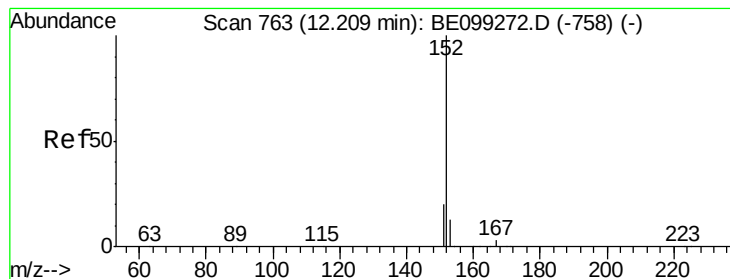


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

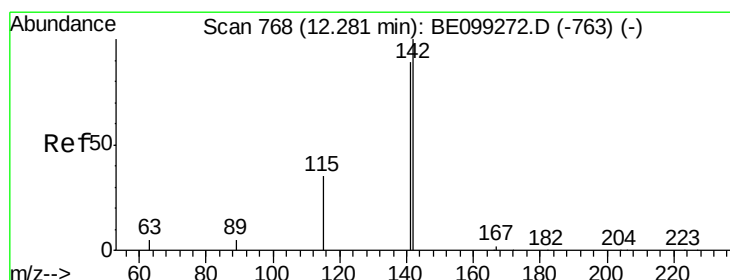
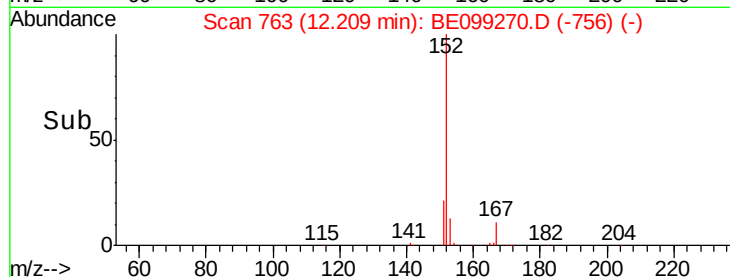
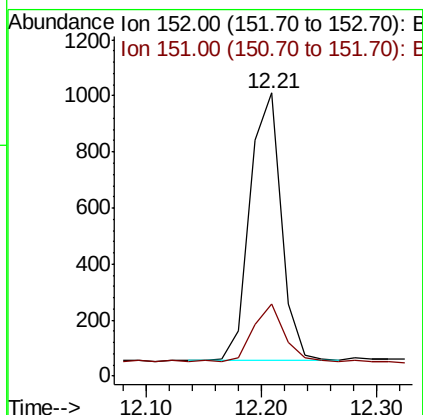
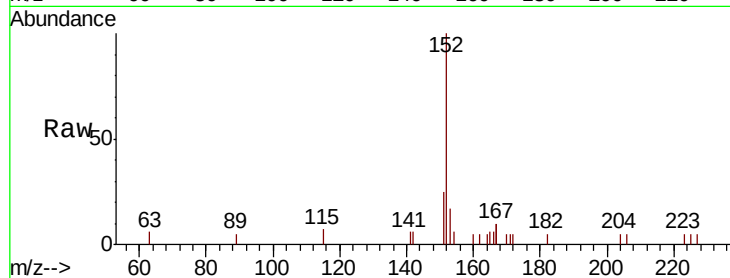




#11
 2-Methylnaphthalene-d10
 Concen: 0.082 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE099270.D
 Acq: 2 Apr 2019 12:00

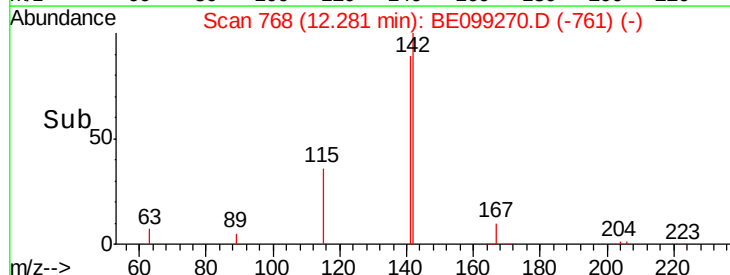
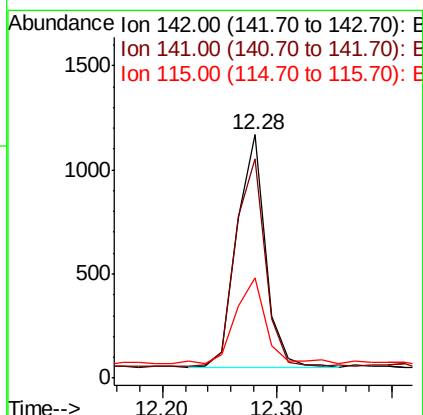
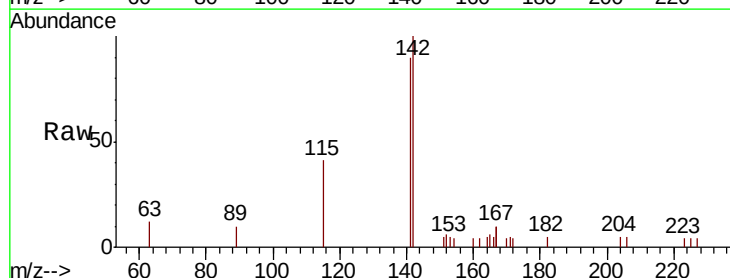
Instrument :
 BNA_E
 ClientSampled :

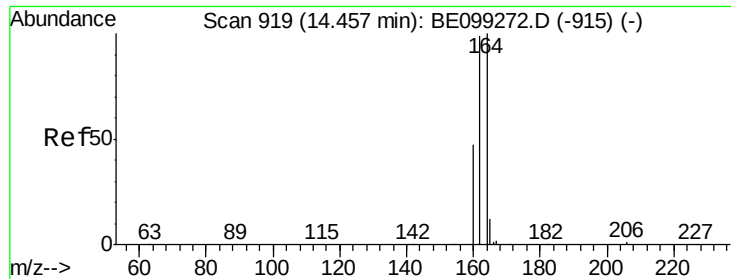
Tot Ion:152 Resp: 1802
 Ion Ratio Lower Upper
 152 100
 151 20.9 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.079 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE099270.D
 Acq: 2 Apr 2019 12:00

Tgt Ion:142 Resp: 1914
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.1 106.7
 115 41.0 29.0 43.6

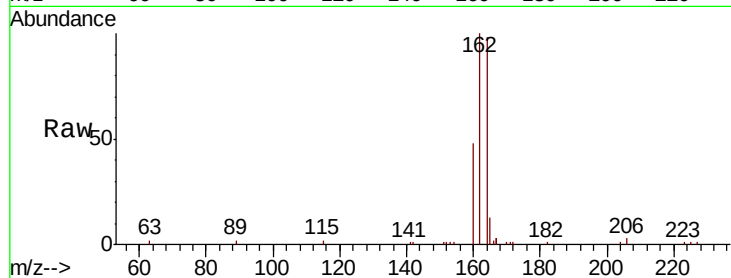




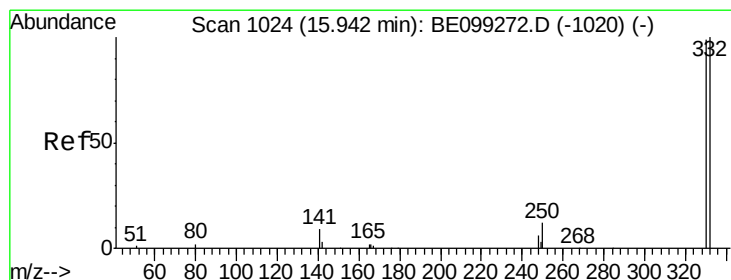
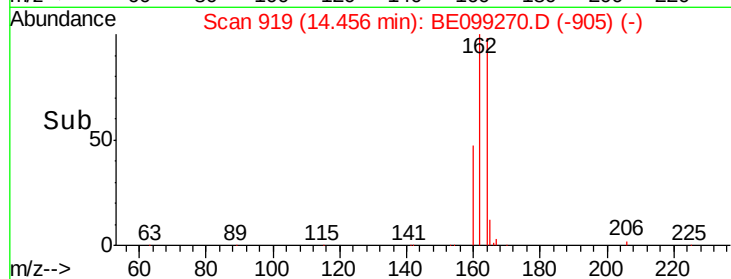
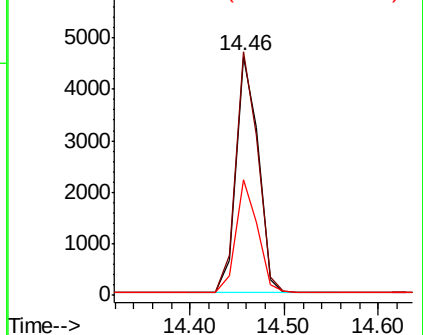
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 7580
Ion Ratio Lower Upper
164 100
162 102.0 78.8 118.2
160 48.5 37.6 56.4

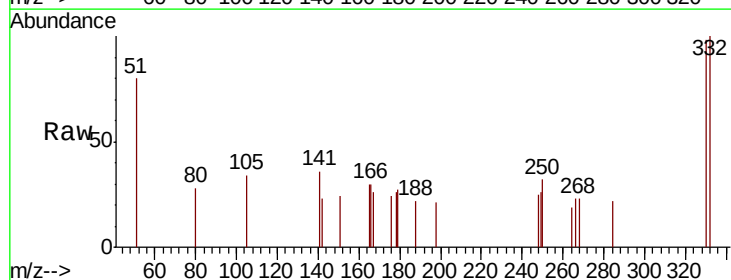


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

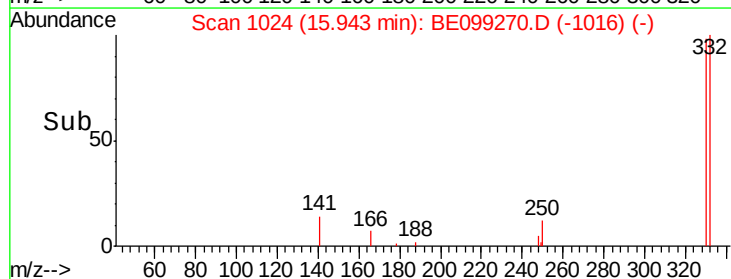
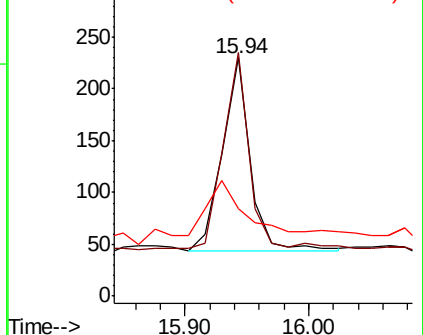


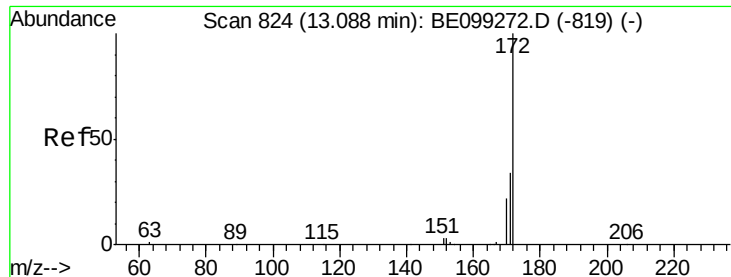
#14
2,4,6-Tribromophenol
Concen: 0.108 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:330 Resp: 290
Ion Ratio Lower Upper
330 100
332 94.1 82.6 123.8
141 62.8 27.6 41.4#



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

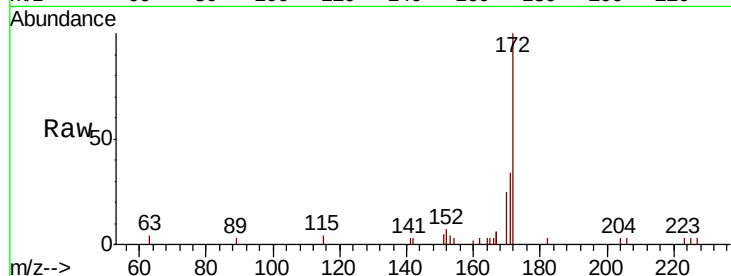




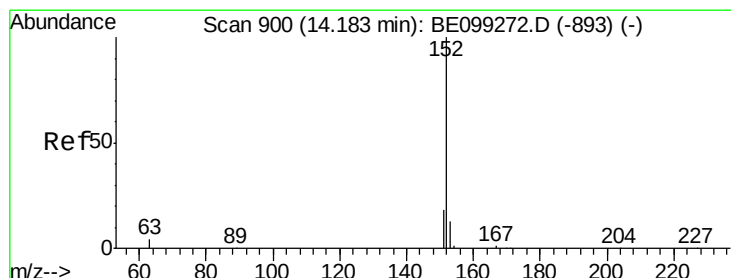
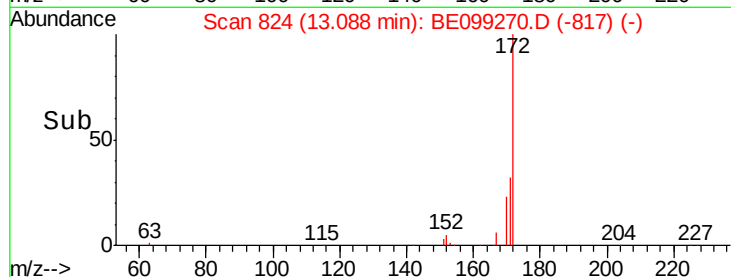
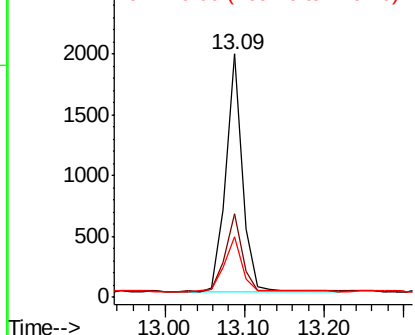
#15
2-Fluorobiphenyl
Concen: 0.091 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 2803
Ion Ratio Lower Upper
172 100
171 34.2 27.5 41.3
170 24.7 18.2 27.2

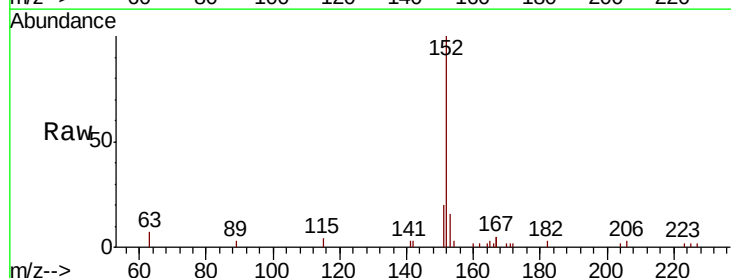


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

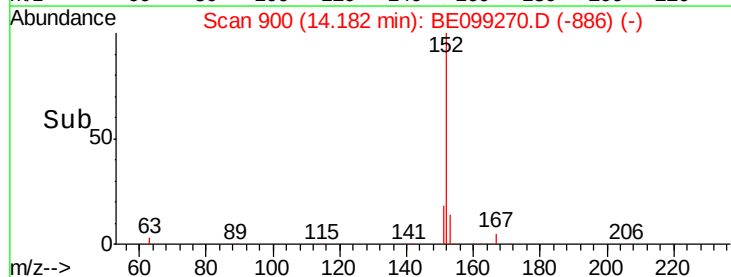
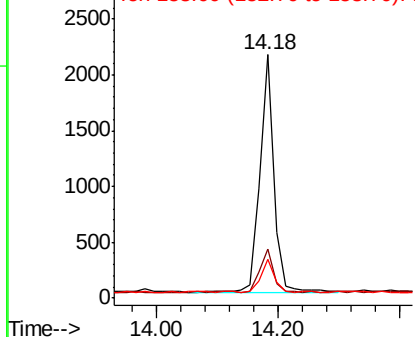


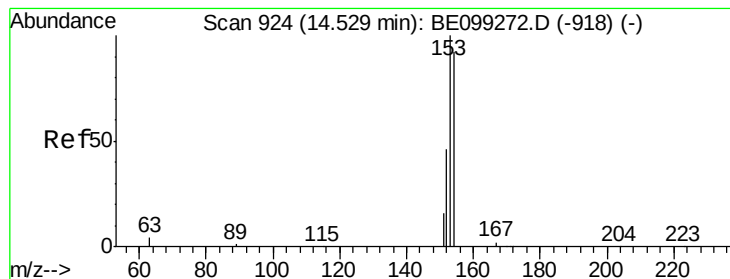
#16
Acenaphthylene
Concen: 0.086 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:152 Resp: 3329
Ion Ratio Lower Upper
152 100
151 17.6 14.9 22.3
153 13.3 10.0 15.0



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





#17

Acenaphthene

Concen: 0.085 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

Instrument :

BNA_E

ClientSampleId :

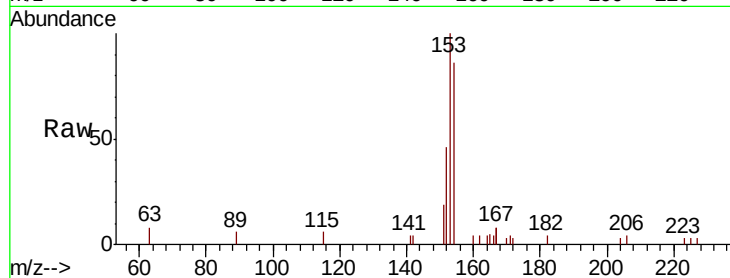
Tot Ion:154 Resp: 1962

Ion Ratio Lower Upper

154 100

153 117.7 92.8 139.2

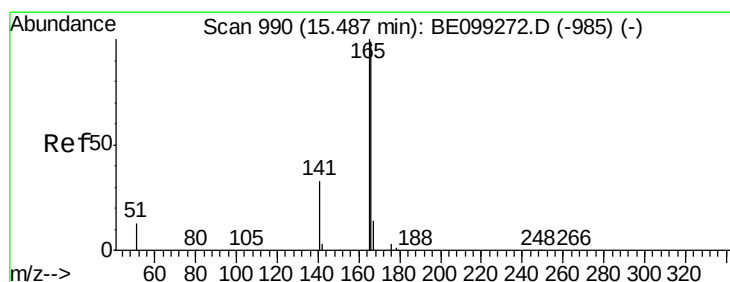
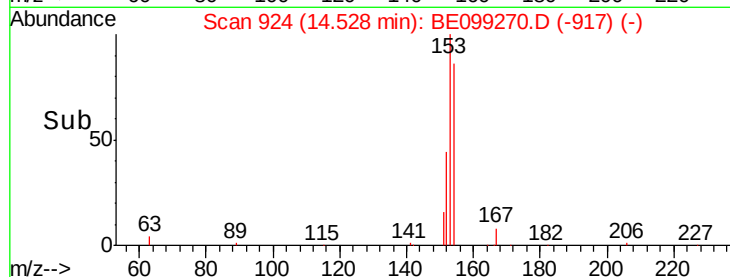
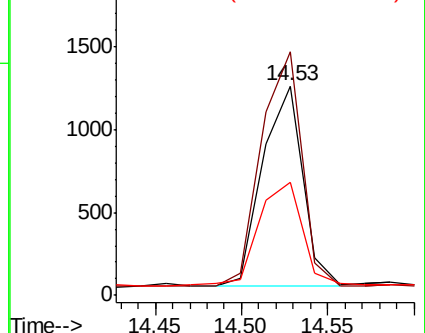
152 58.0 44.3 66.5



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: 0.086 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

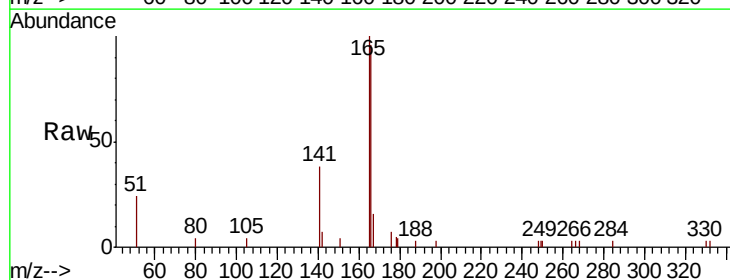
Tgt Ion:166 Resp: 2810

Ion Ratio Lower Upper

166 100

165 103.0 77.9 116.9

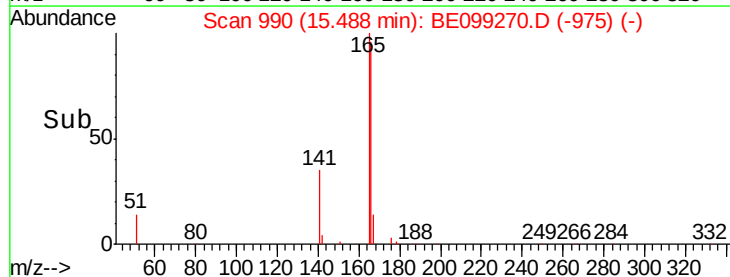
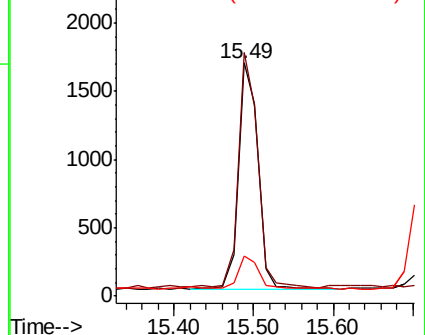
167 14.8 10.9 16.3

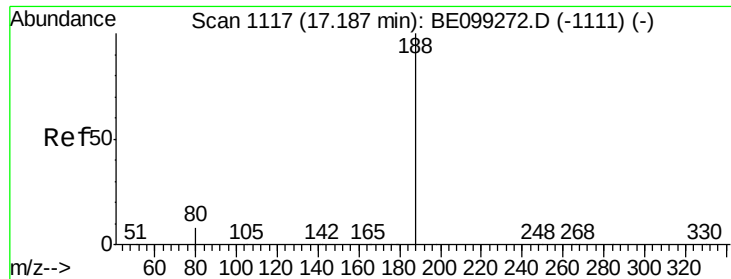


Abundance Ion 166.00 (165.70 to 166.70): E

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. 0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

Instrument :

BNA_E

ClientSampleId :

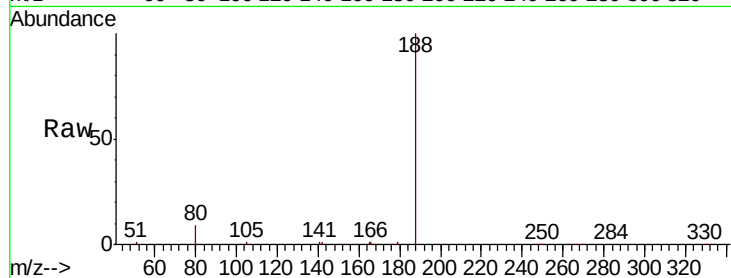
Tot Ion:188 Resp: 23819

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

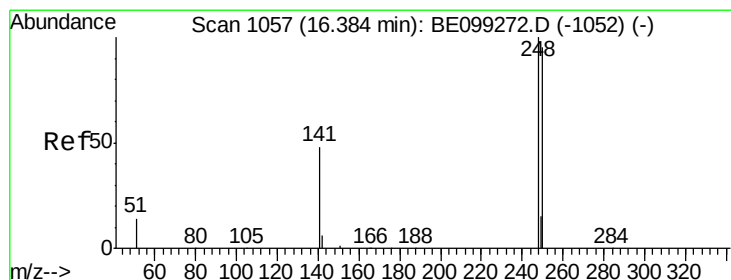
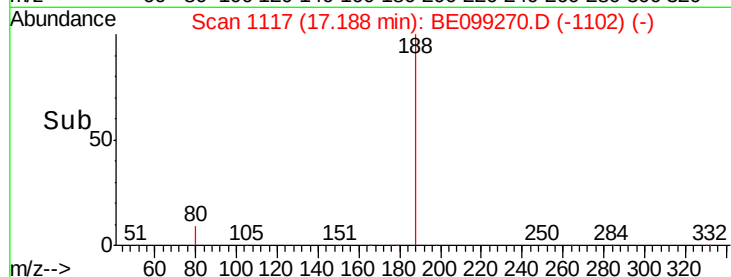
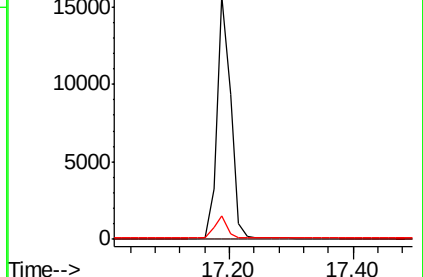
80 9.5 6.6 10.0



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: 0.082 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

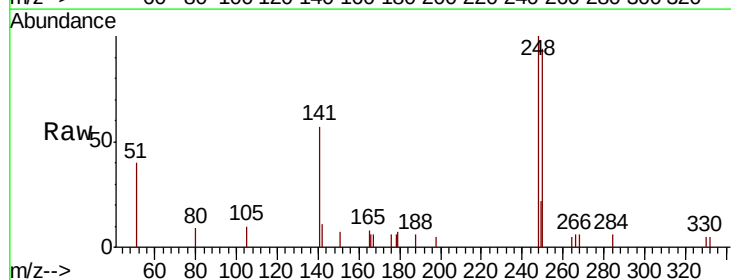
Tgt Ion:248 Resp: 1254

Ion Ratio Lower Upper

248 100

250 94.0 75.9 113.9

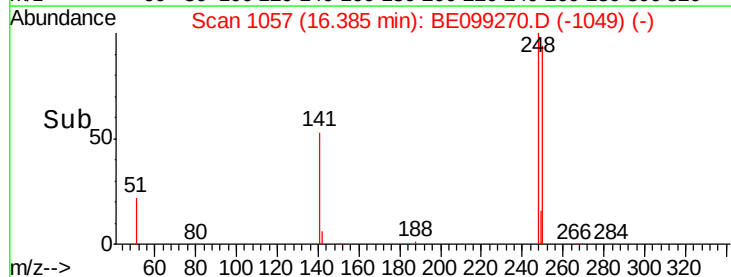
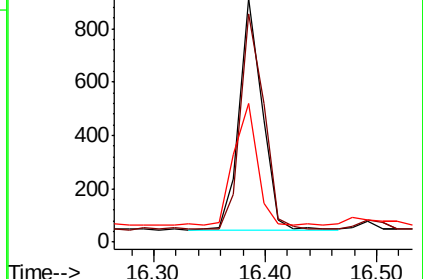
141 57.0 39.0 58.6

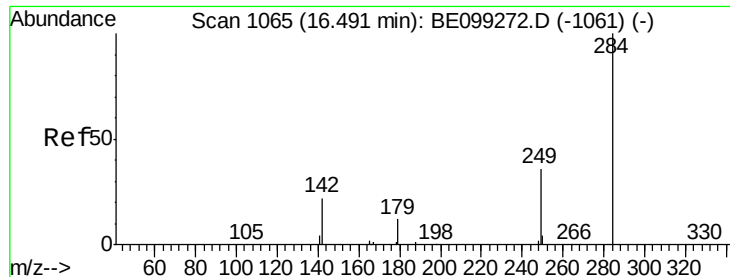


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

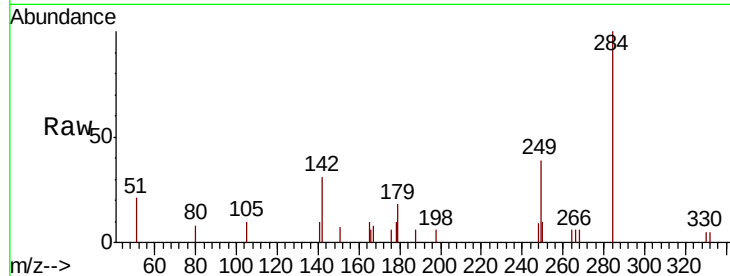




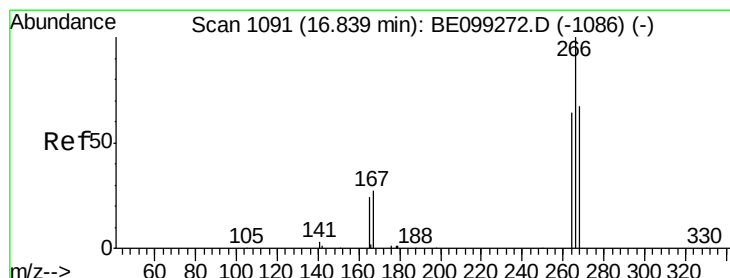
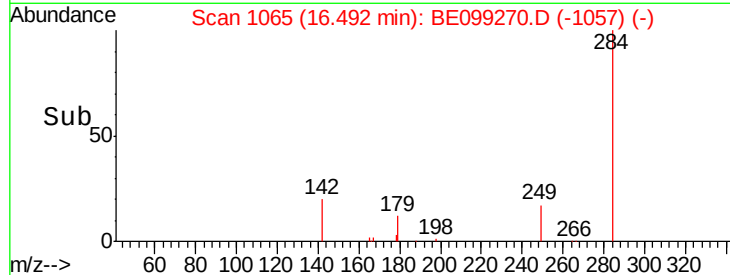
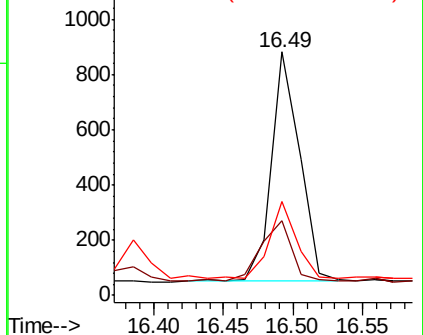
#21
Hexachlorobenzene
Concen: 0.079 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 1168
Ion Ratio Lower Upper
284 100
142 28.4 21.0 31.6
249 32.4 27.0 40.6

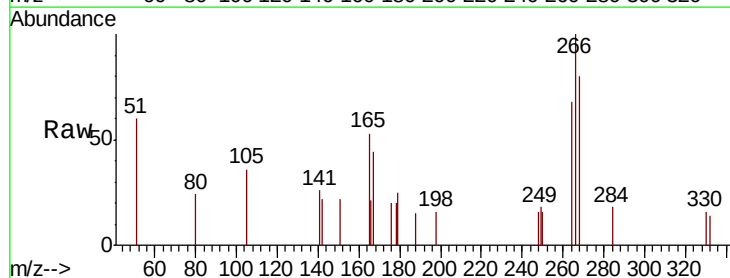


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

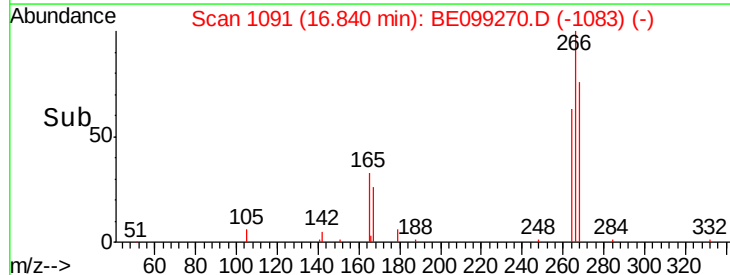
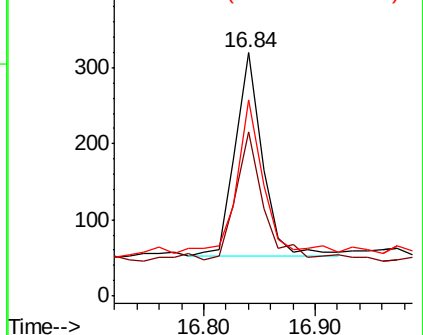


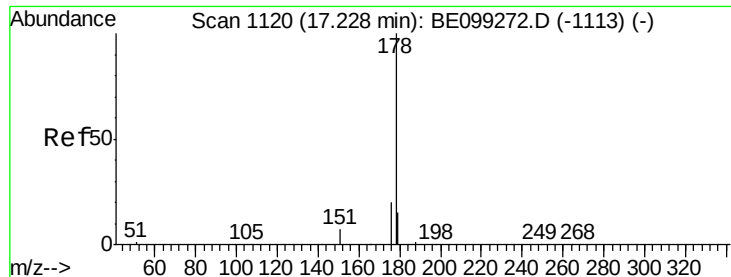
#22
Pentachlorophenol
Concen: 0.230 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099270.D
Acq: 2 Apr 2019 12:00

Tgt Ion:266 Resp: 451
Ion Ratio Lower Upper
266 100
264 67.5 51.8 77.8
268 80.3 54.7 82.1



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: 0.083 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

Instrument :

BNA_E

ClientSampleId :

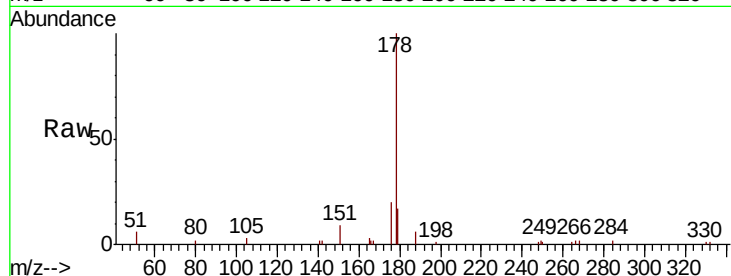
Tot Ion:178 Resp: 5814

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

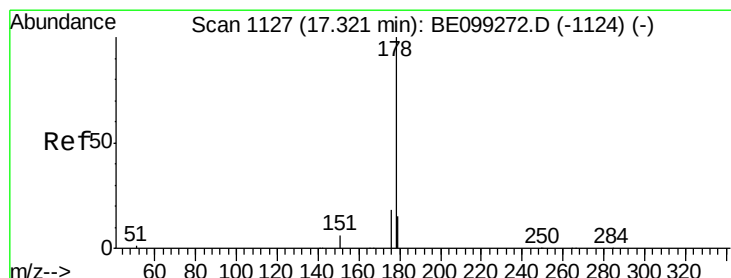
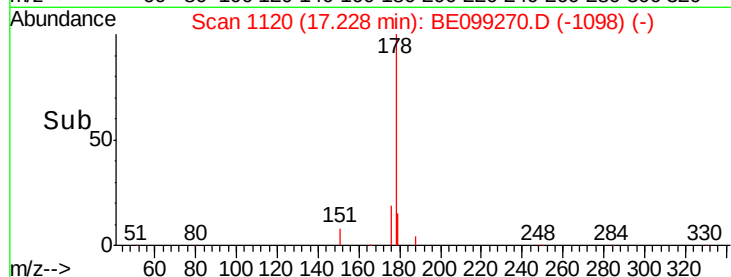
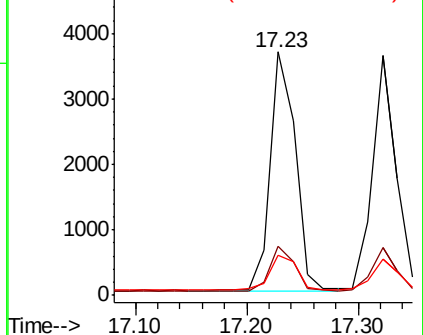
179 16.4 12.3 18.5



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: 0.084 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

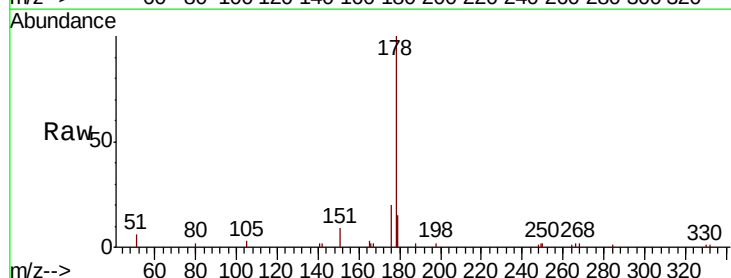
Tgt Ion:178 Resp: 5308

Ion Ratio Lower Upper

178 100

176 19.1 14.7 22.1

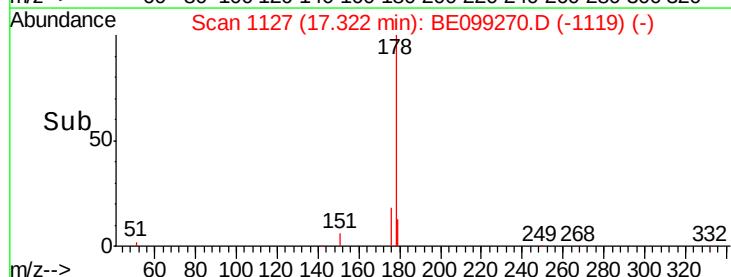
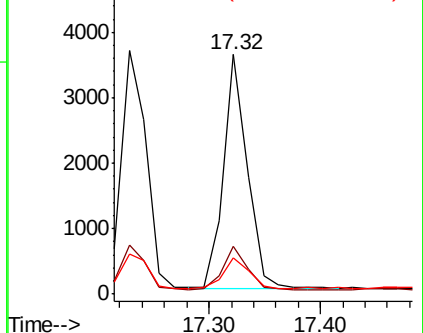
179 14.9 12.3 18.5

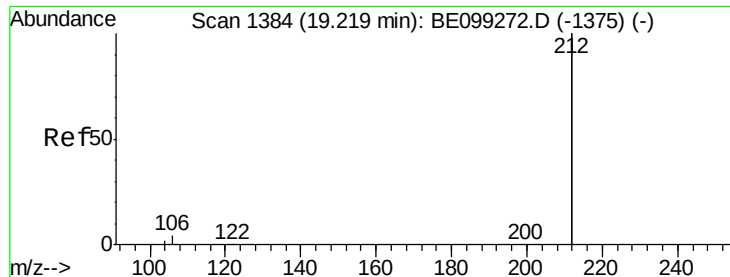


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.102 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

Instrument :

BNA_E

ClientSampled :

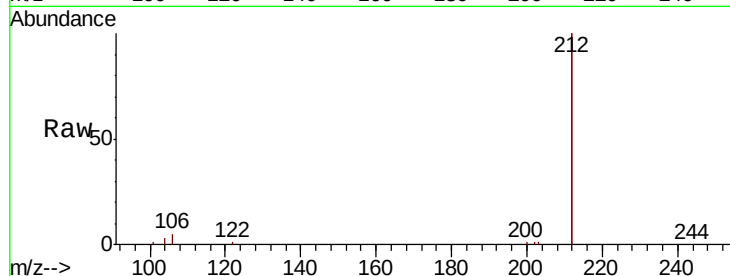
Tot Ion:212 Resp: 29364

Ion Ratio Lower Upper

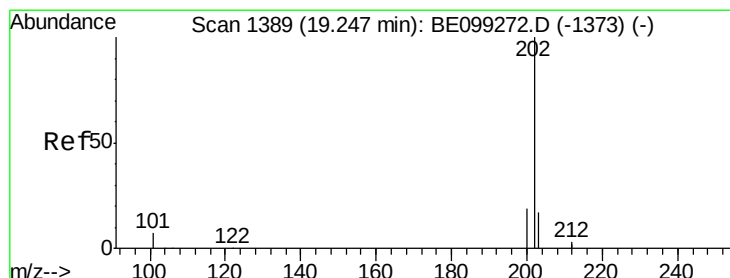
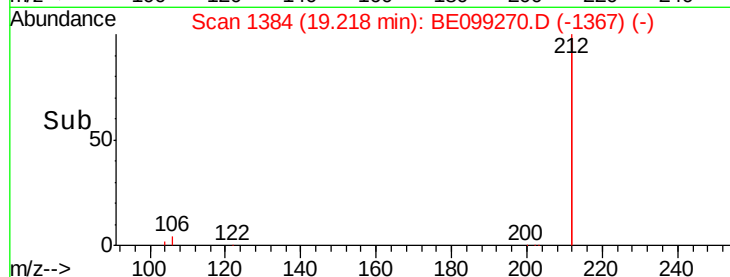
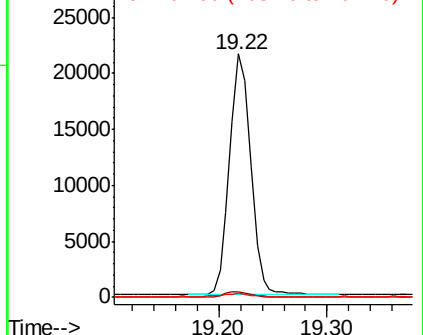
212 100

106 2.1 1.7 2.5

104 1.3 1.0 1.4



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: 0.094 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

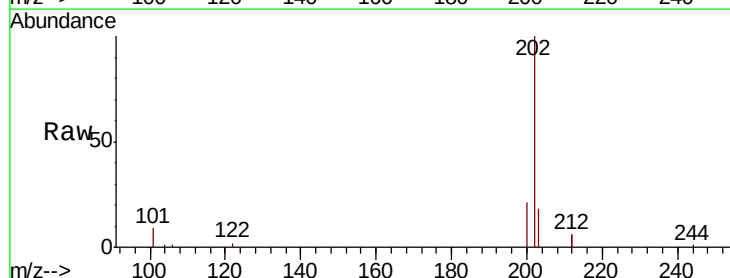
Tgt Ion:202 Resp: 8392

Ion Ratio Lower Upper

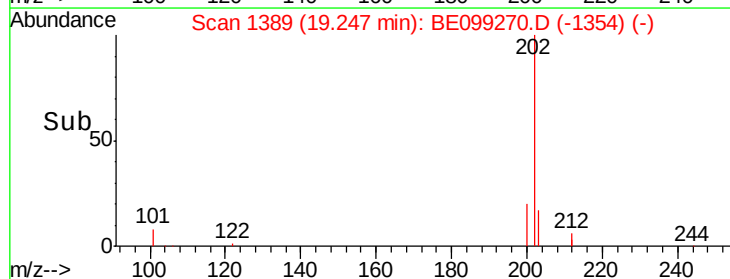
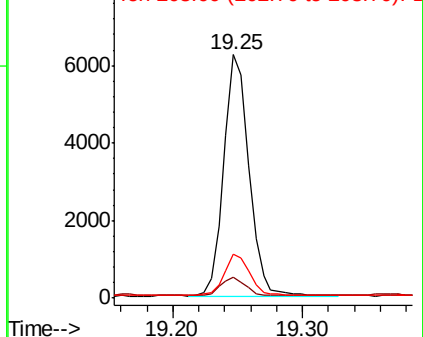
202 100

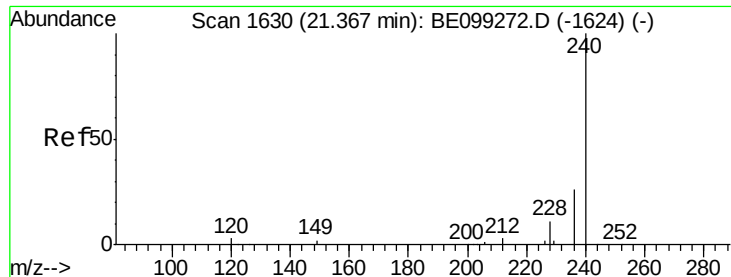
101 7.8 6.2 9.4

203 16.7 13.9 20.9



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. -0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

Instrument :

BNA_E

ClientSampleId :

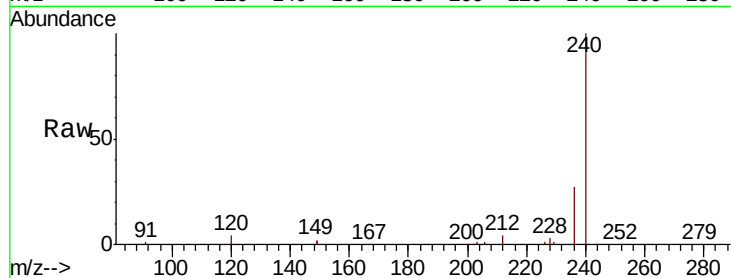
Tot Ion:240 Resp: 35951

Ion Ratio Lower Upper

240 100

120 3.8 2.7 4.1

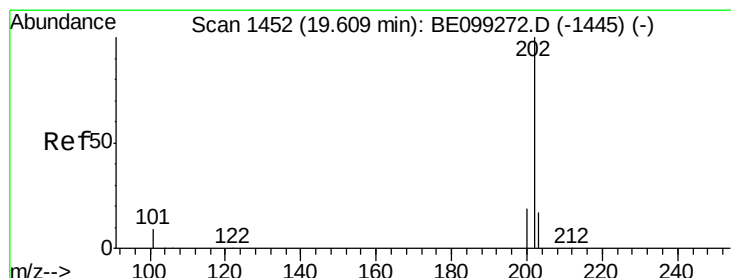
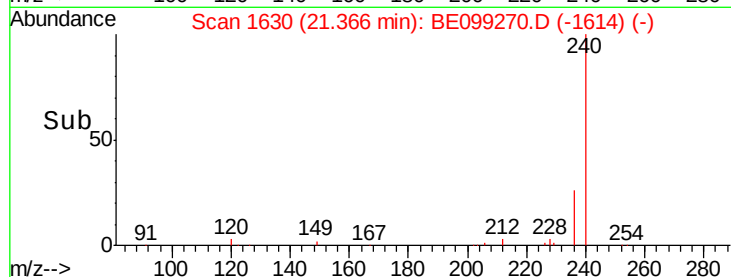
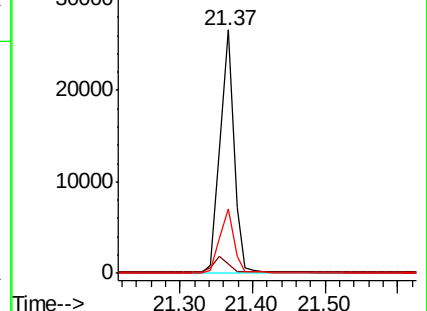
236 26.7 20.7 31.1



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: 0.073 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

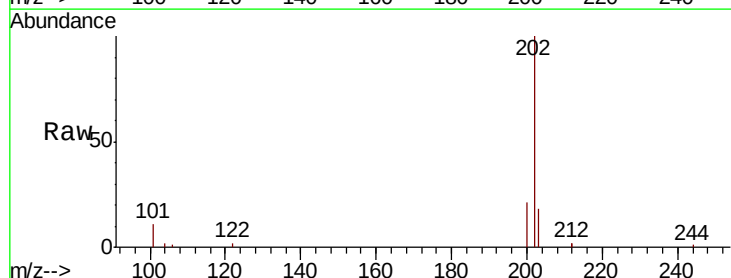
Tgt Ion:202 Resp: 8729

Ion Ratio Lower Upper

202 100

200 19.5 15.7 23.5

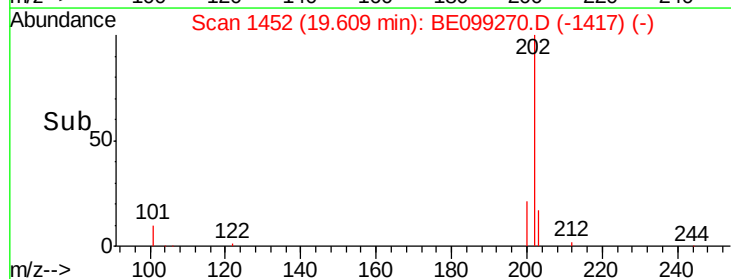
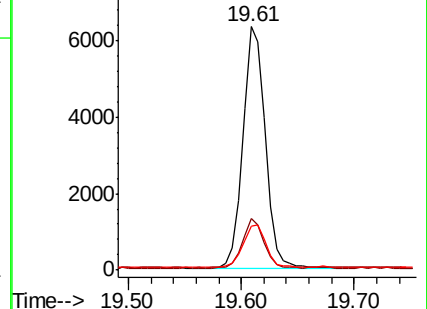
203 17.7 13.9 20.9

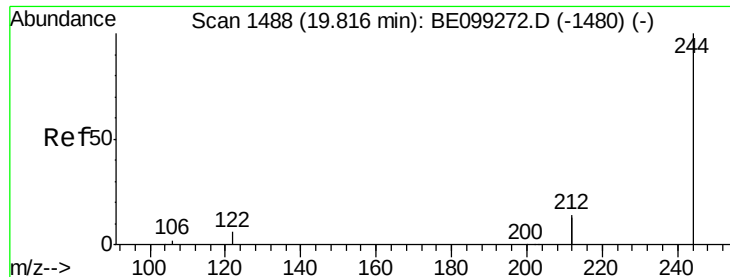


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.078 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

Instrument :

BNA_E

ClientSampleId :

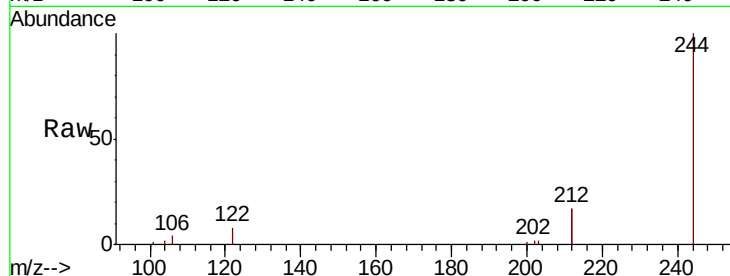
Tot Ion:244 Resp: 6075

Ion Ratio Lower Upper

244 100

212 33.5 22.6 33.8

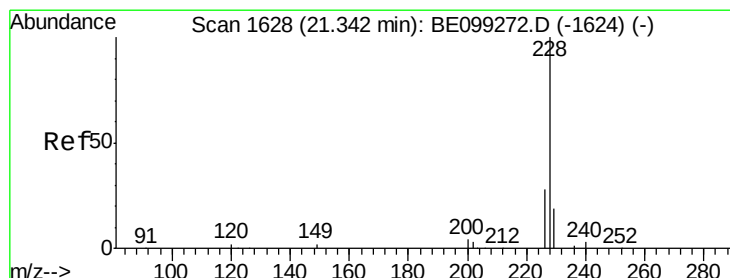
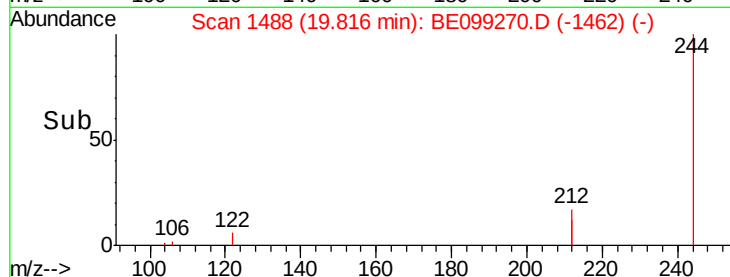
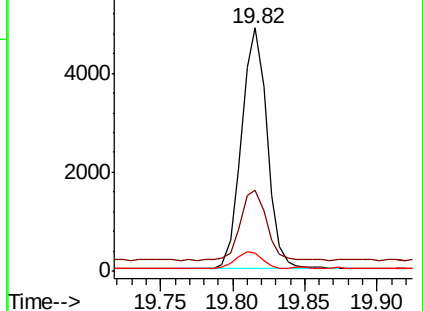
122 7.5 4.6 7.0#



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: 0.091 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

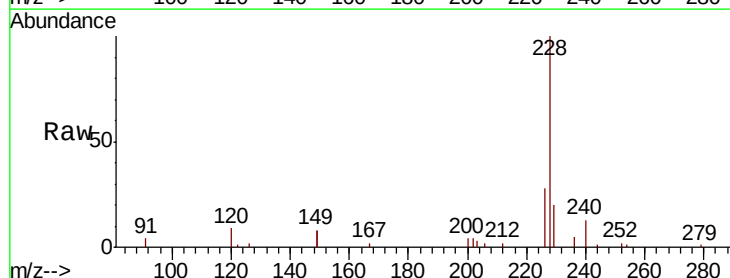
Tgt Ion:228 Resp: 10775

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

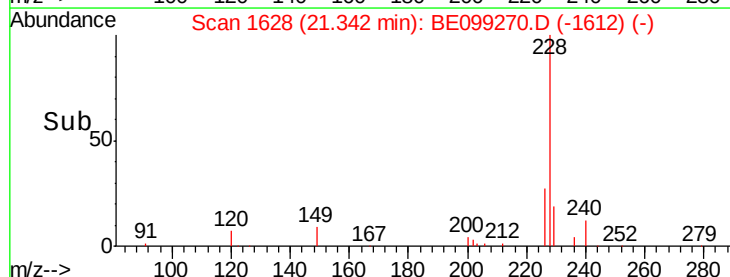
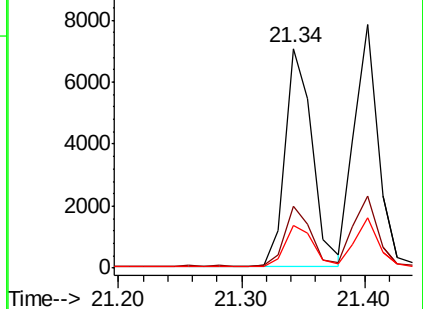
229 19.6 15.4 23.0

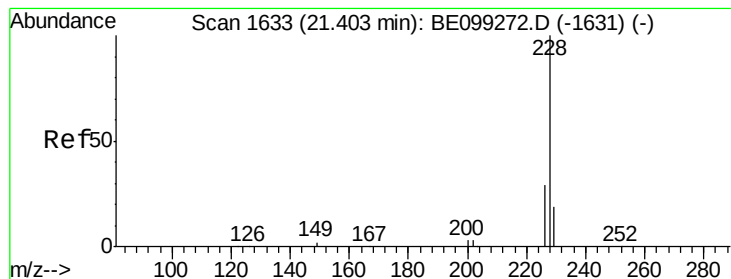


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.082 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

Instrument :

BNA_E

ClientSampled :

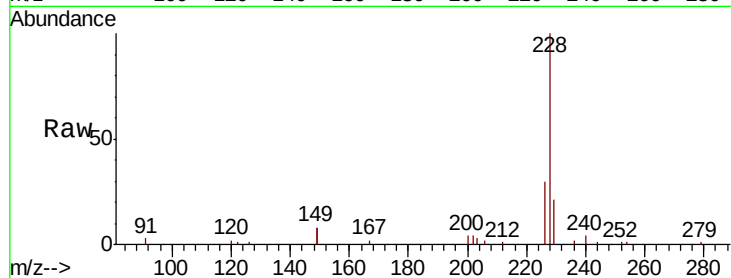
Tot Ion:228 Resp: 10438

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

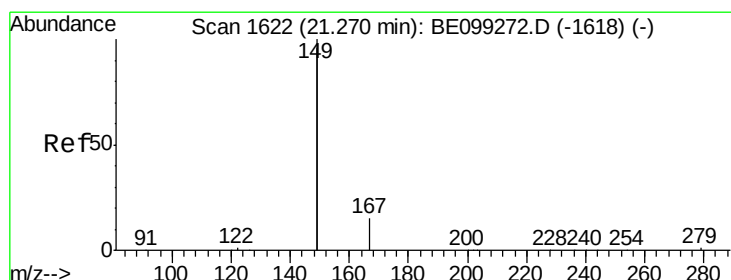
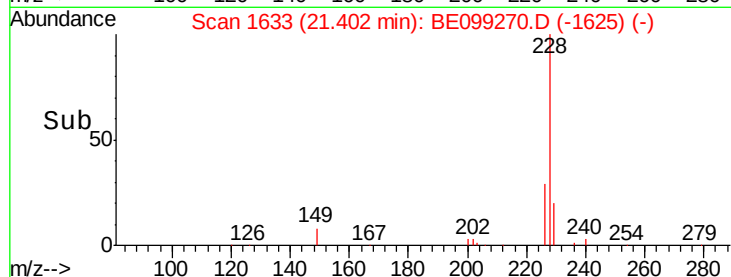
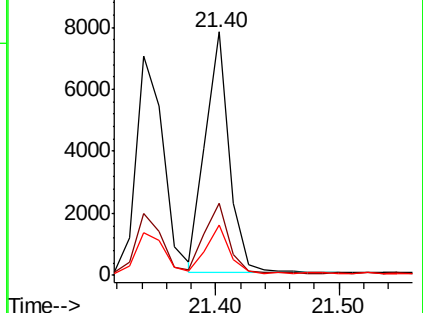
229 20.8 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.112 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

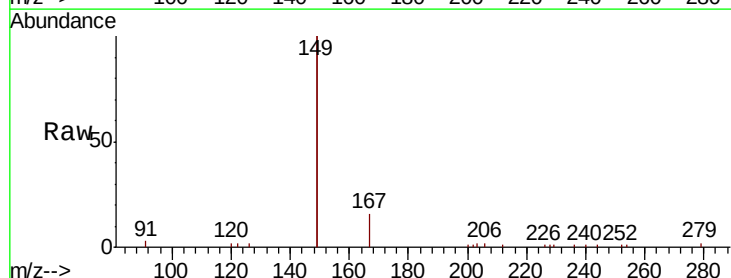
Tgt Ion:149 Resp: 15829

Ion Ratio Lower Upper

149 100

167 7.7 6.1 9.1

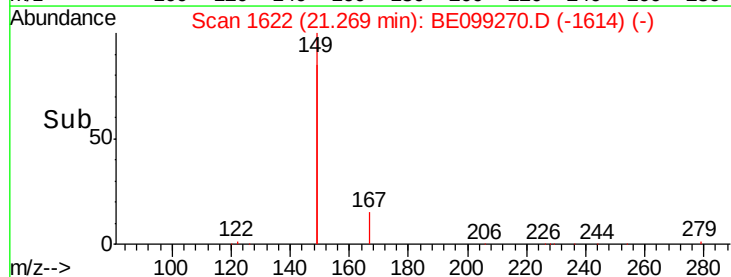
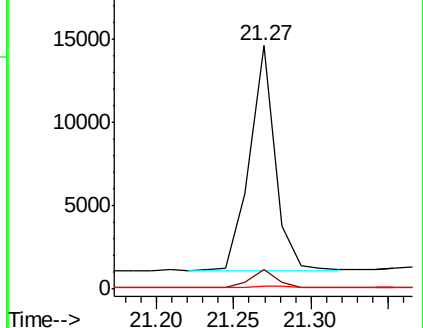
279 1.4 1.0 1.4

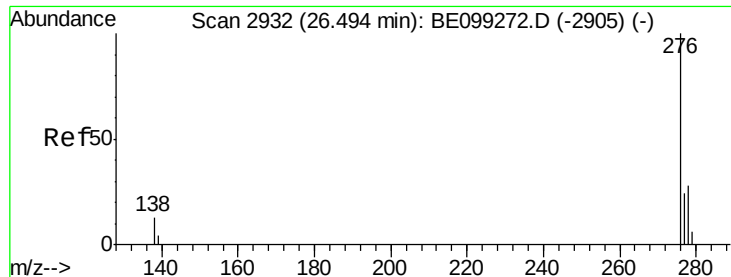


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.103 ng

RT: 26.50 min Scan# 2932

Delta R.T. 0.00 min

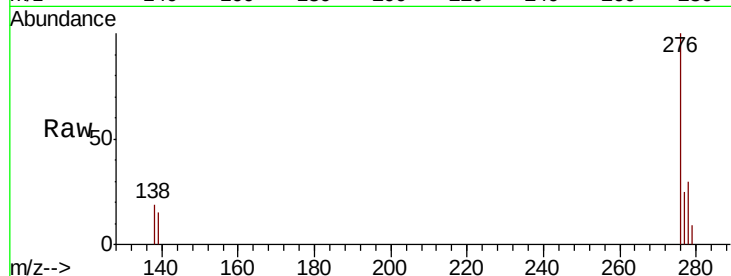
Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

Instrument :

BNA_E

ClientSampleId :



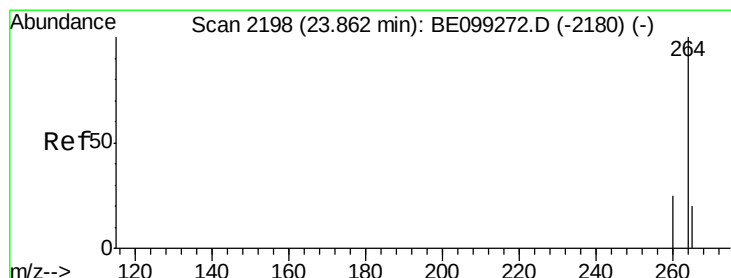
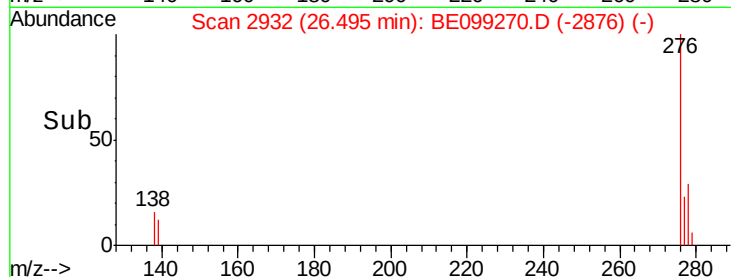
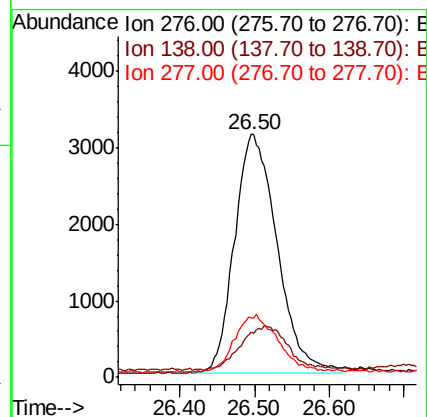
Tot Ion:276 Resp: 12317

Ion Ratio Lower Upper

276 100

138 20.3 12.6 18.8#

277 24.5 19.4 29.2



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

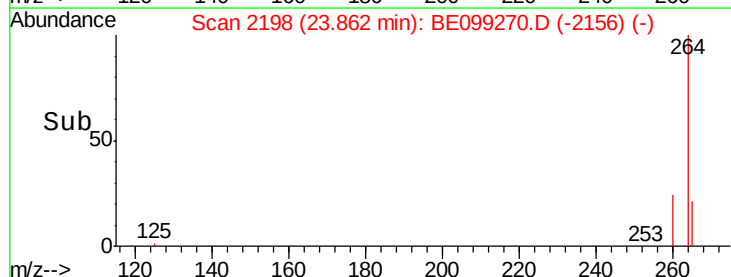
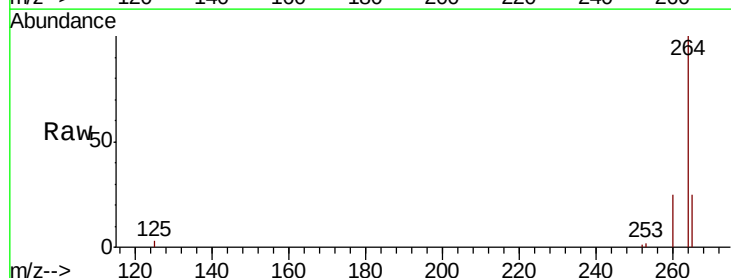
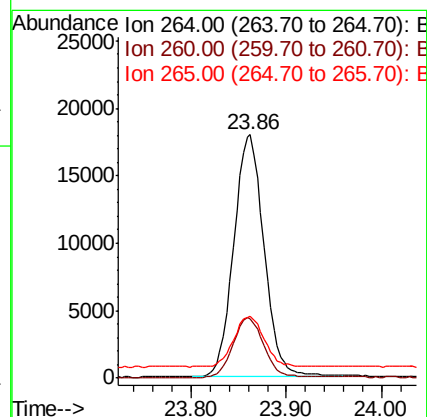
Tgt Ion:264 Resp: 39822

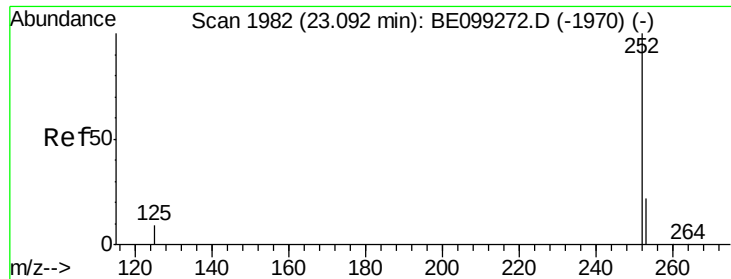
Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

265 25.4 19.3 28.9





#35

Benzo(b)fluoranthene

Concen: 0.090 ng

RT: 23.09 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

Instrument :

BNA_E

ClientSampleId :

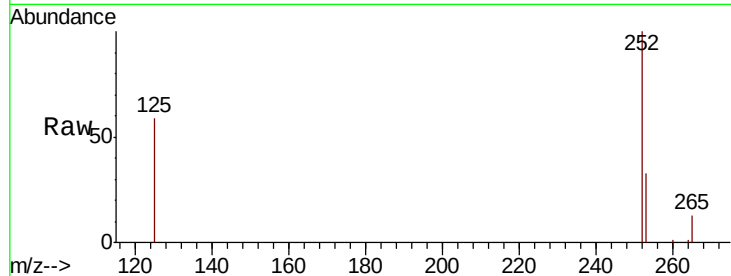
Tot Ion:252 Resp: 11813

Ion Ratio Lower Upper

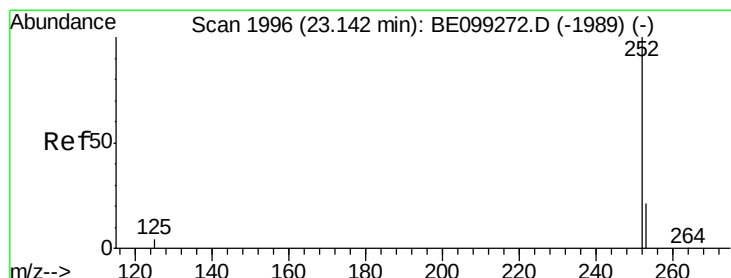
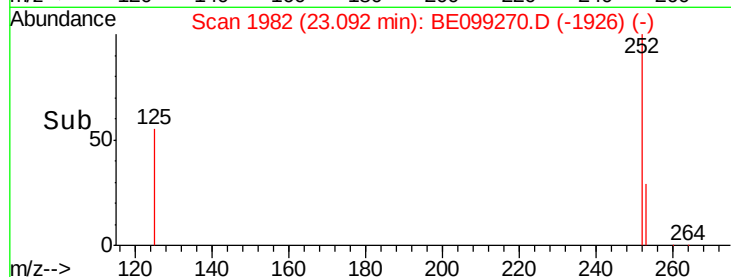
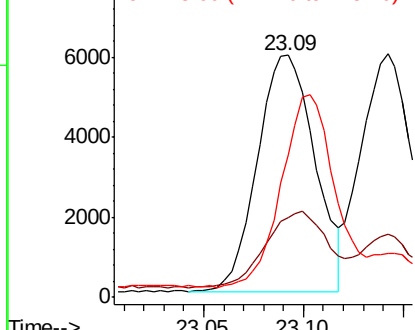
252 100

253 33.1 18.6 27.8#

125 59.0 7.4 11.2#



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



#36

Benzo(k)fluoranthene

Concen: 0.076 ng

RT: 23.14 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

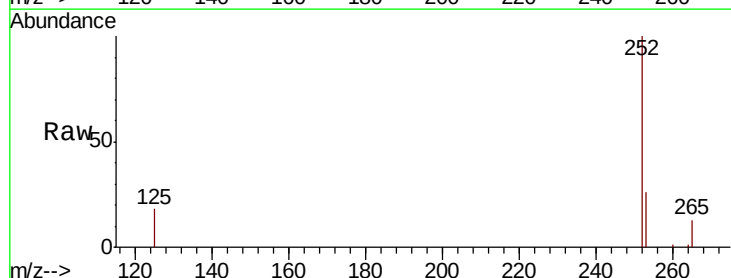
Tgt Ion:252 Resp: 10574

Ion Ratio Lower Upper

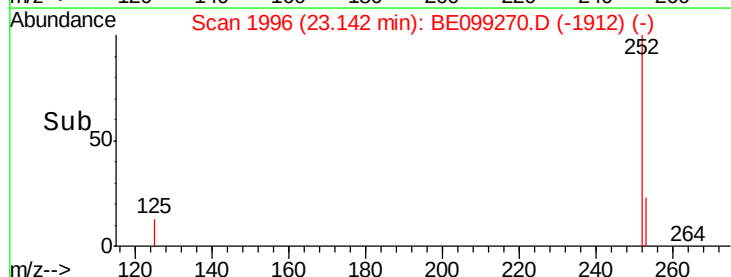
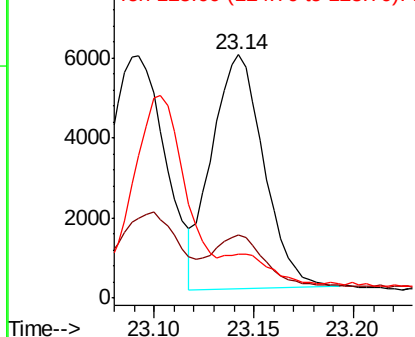
252 100

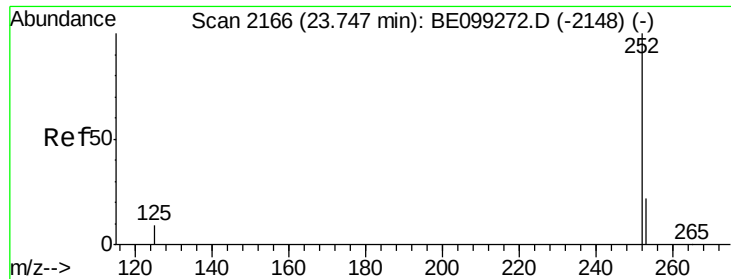
253 26.1 17.9 26.9

125 18.0 5.8 8.6#



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





#37

Benzo(a)pyrene

Concen: 0.092 ng

RT: 23.75 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

Instrument :

BNA_E

ClientSampleId :

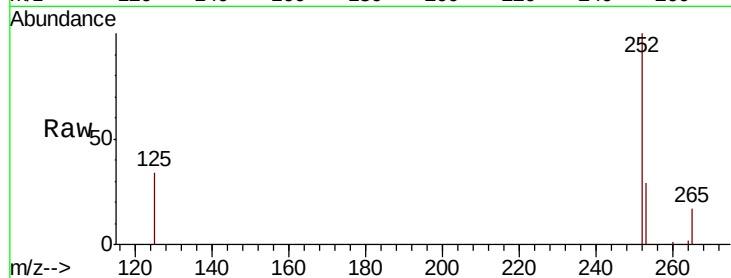
Tot Ion:252 Resp: 11203

Ion Ratio Lower Upper

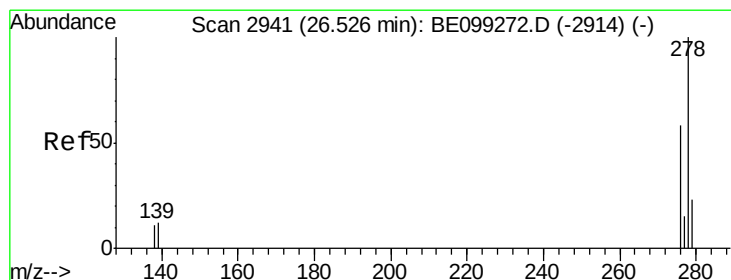
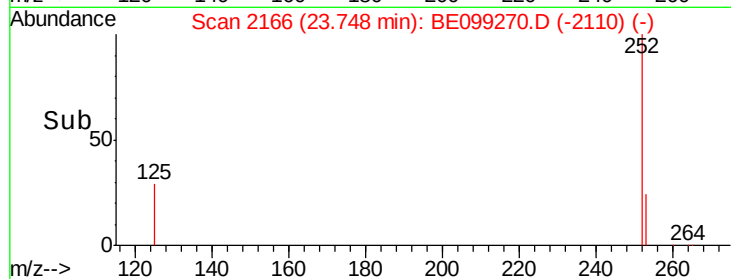
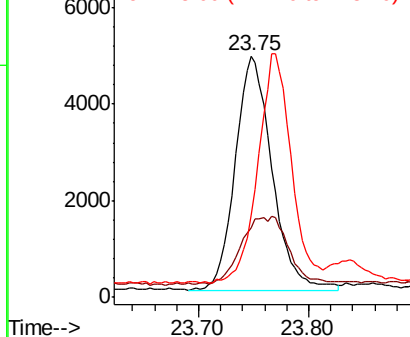
252 100

253 28.7 18.4 27.6#

125 34.3 7.8 11.8#



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: 0.092 ng

RT: 26.53 min Scan# 2941

Delta R.T. 0.00 min

Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

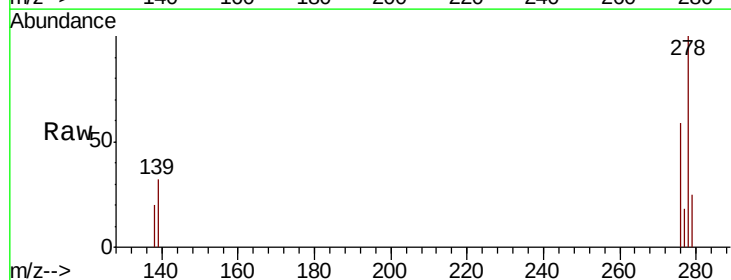
Tgt Ion:278 Resp: 9985

Ion Ratio Lower Upper

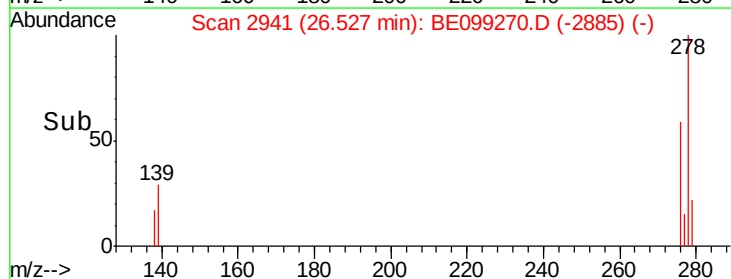
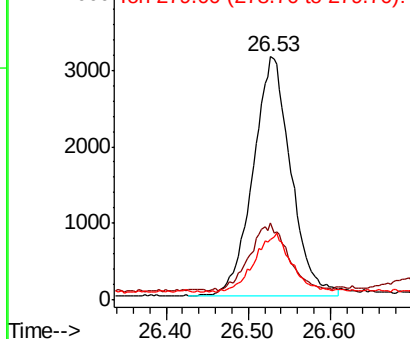
278 100

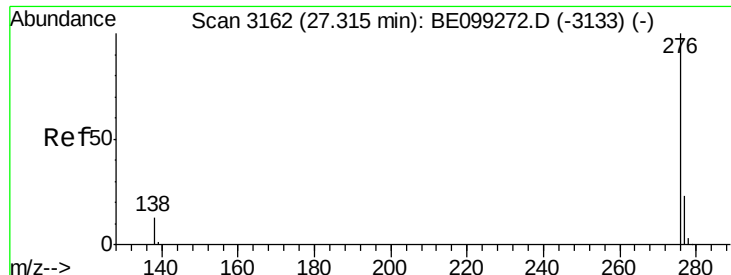
139 31.8 10.2 15.2#

279 24.9 19.0 28.4



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(a,h,i)perylene

Concen: 0.094 ng

RT: 27.32 min Scan# 3162

Delta R.T. 0.00 min

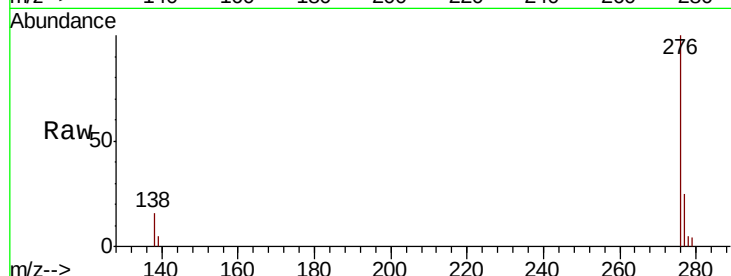
Lab File: BE099270.D

Acq: 2 Apr 2019 12:00

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 10258

Ion Ratio Lower Upper

276 100

277 25.0 18.9 28.3

138 16.0 11.2 16.8

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

