

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041819\
 Data File : BE099331.D
 Acq On : 18 Apr 2019 9:51
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Apr 18 14:01:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:54:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3900	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	14284	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	9771	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	28644	0.40	ng	0.00
27) Chrysene-d12	21.37	240	31861	0.40	ng	0.00
34) Perylene-d12	23.86	264	31074	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1770	0.17	ng	0.00
5) Phenol-d6	6.98	99	2444	0.17	ng	0.00
8) Nitrobenzene-d5	8.96	82	2027	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	4875	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	584	0.13	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	7601	0.20	ng	0.00
25) Fluoranthene-d10	19.22	212	63905	0.17	ng	0.00
29) Terphenyl-d14	19.82	244	12389	0.21	ng	0.00

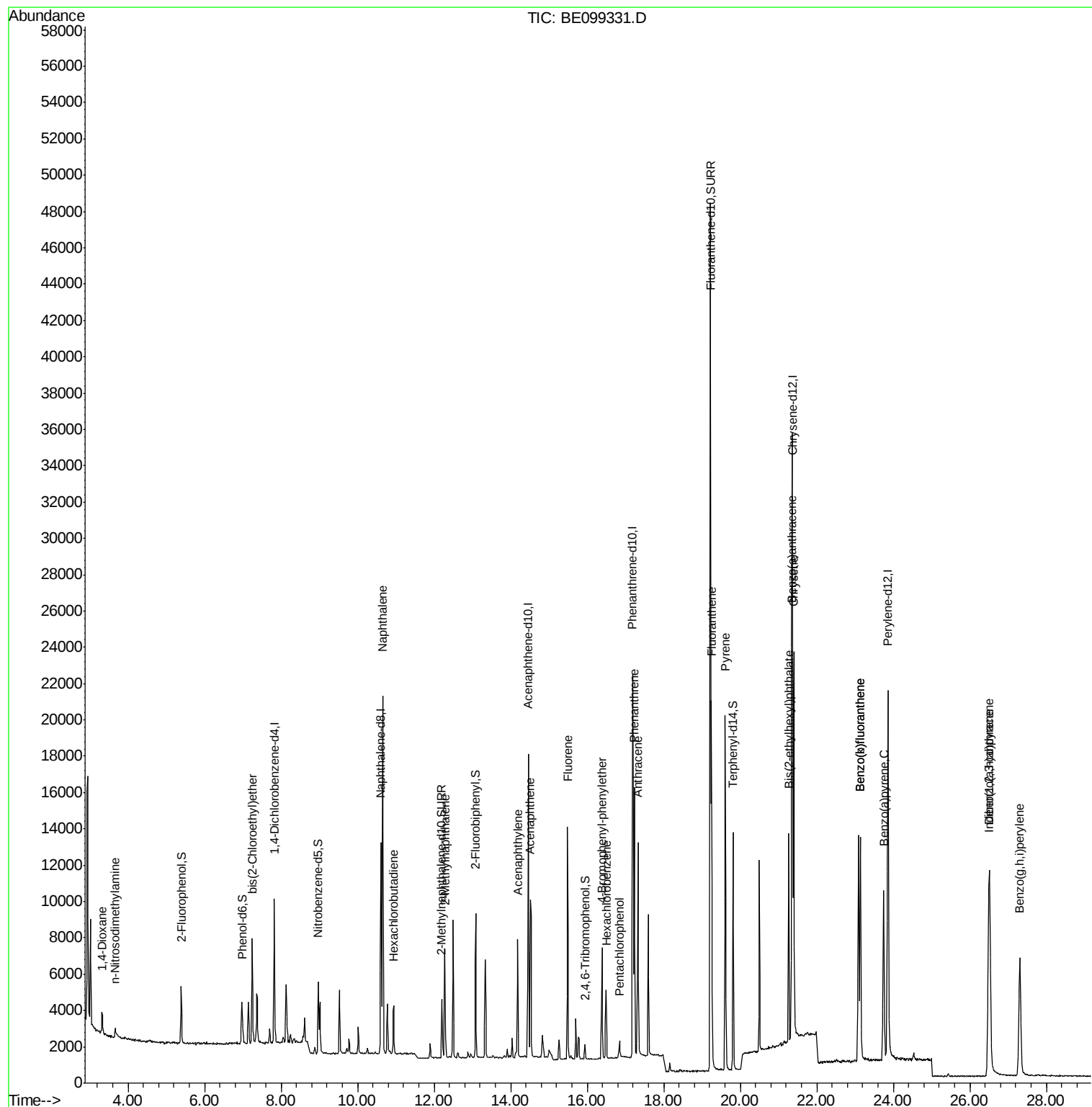
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.33	88	1154	0.217	ng	92
3) n-Nitrosodimethylamine	3.66	42	399	0.127	ng	# 92
6) bis(2-Chloroethyl)ether	7.24	93	2396	0.188	ng	100
9) Naphthalene	10.65	128	30658	0.197	ng	100
10) Hexachlorobutadiene	10.94	225	1984	0.197	ng	97
12) 2-Methylnaphthalene	12.28	142	5057	0.191	ng	93
16) Acenaphthylene	14.18	152	8040	0.174	ng	100
17) Acenaphthene	14.51	154	5207	0.191	ng	98
18) Fluorene	15.49	166	7358	0.186	ng	100
20) 4-Bromophenyl-phenylether	16.39	248	2945	0.181	ng	94
21) Hexachlorobenzene	16.49	284	2915	0.188	ng	97
22) Pentachlorophenol	16.84	266	532	0.083	ng	95
23) Phenanthrene	17.23	178	14591	0.197	ng	98
24) Anthracene	17.32	178	12090	0.173	ng	98
26) Fluoranthene	19.25	202	18203	0.166	ng	99
28) Pyrene	19.61	202	18820	0.224	ng	100
30) Benzo(a)anthracene	21.34	228	18342	0.183	ng	99
31) Chrysene	21.40	228	19806	0.201	ng	100
32) Bis(2-ethylhexyl)phthalate	21.27	149	14519	0.114	ng	99
33) Indeno(1,2,3-cd)pyrene	26.50	276	19718	0.175	ng	99
35) Benzo(b)fluoranthene	23.14	252	17494	0.189	ng	97
36) Benzo(k)fluoranthene	23.14	252	17494	0.194	ng	99
37) Benzo(a)pyrene	23.75	252	15667	0.180	ng	96
38) Dibenzo(a,h)anthracene	26.52	278	16184	0.187	ng	99
39) Benzo(g,h,i)perylene	27.30	276	16475	0.191	ng	98

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

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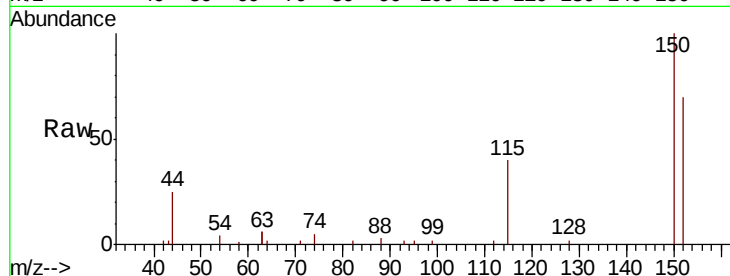


#1

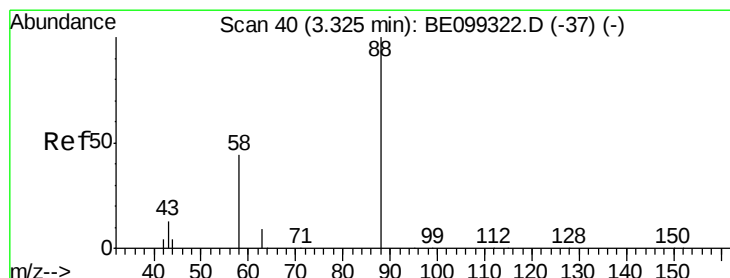
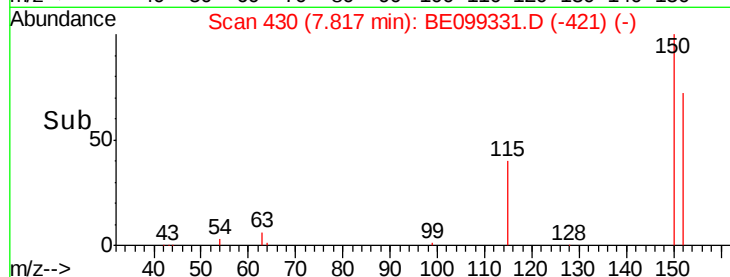
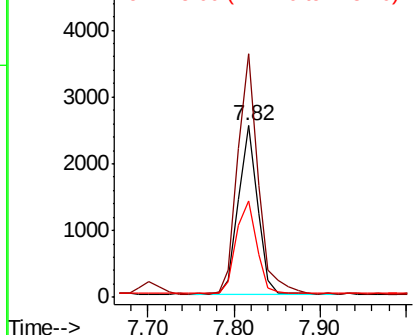
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099331.D
Acq: 18 Apr 2019 9:51

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:152 Resp: 3900
Ion Ratio Lower Upper
152 100
150 142.0 119.5 179.3
115 56.1 47.5 71.3



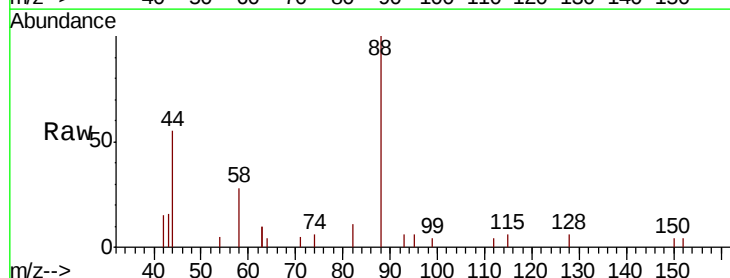
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



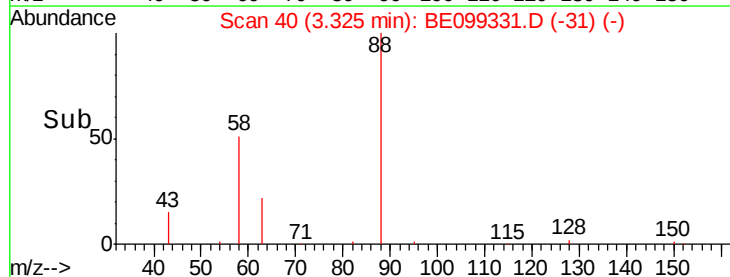
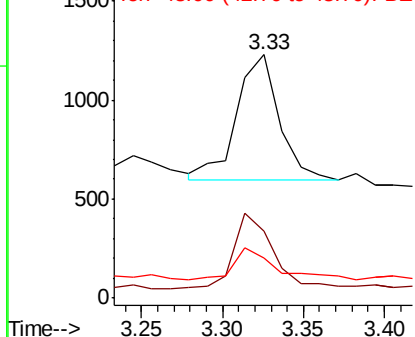
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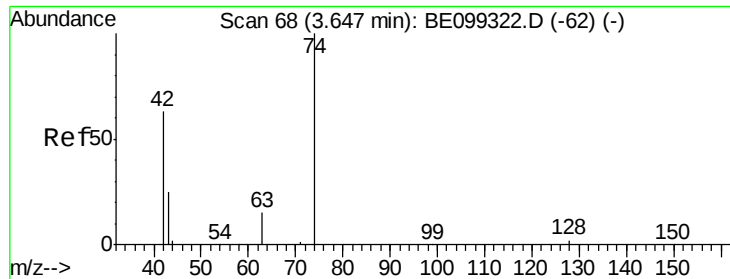
1,4-Dioxane
Concen: 0.217 ng
RT: 3.33 min Scan# 40
Delta R.T. 0.00 min
Lab File: BE099331.D
Acq: 18 Apr 2019 9:51

Tgt Ion: 88 Resp: 1154
Ion Ratio Lower Upper
88 100
58 54.8 49.1 73.7
43 24.9 17.9 26.9



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: 0.127 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

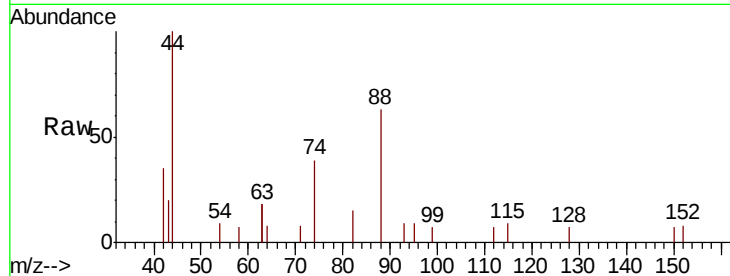
Tot Ion: 42 Resp: 399

Ion Ratio Lower Upper

42 100

74 175.7 145.8 218.8

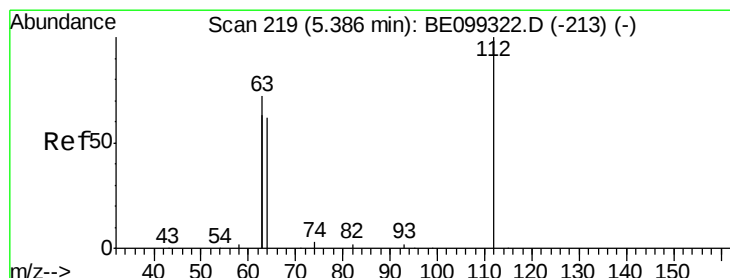
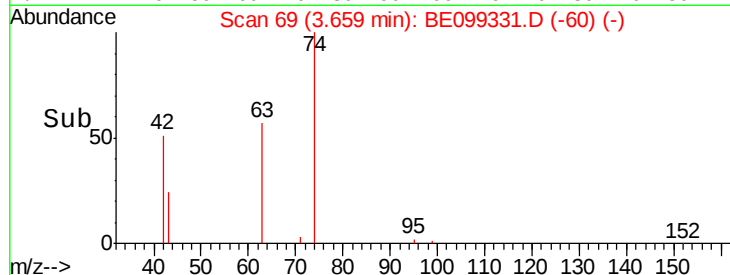
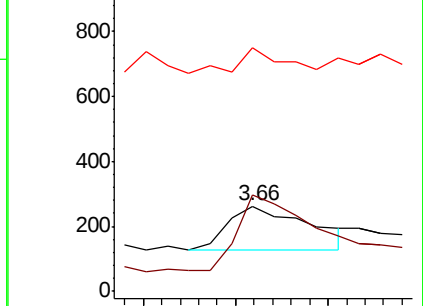
44 33.3 9.0 13.4#



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: 0.171 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

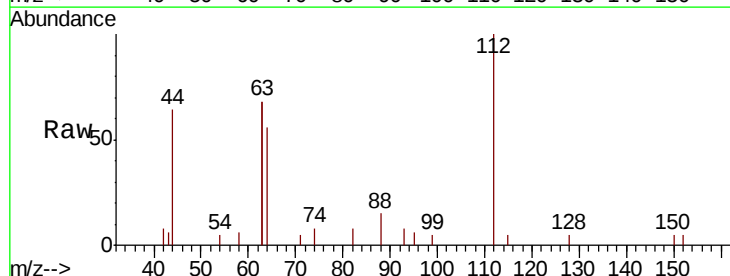
Tgt Ion: 112 Resp: 1770

Ion Ratio Lower Upper

112 100

64 57.1 44.9 67.3

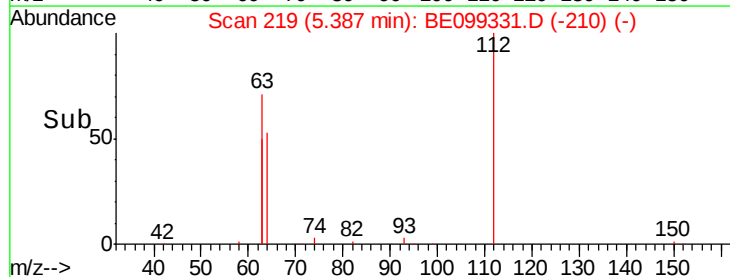
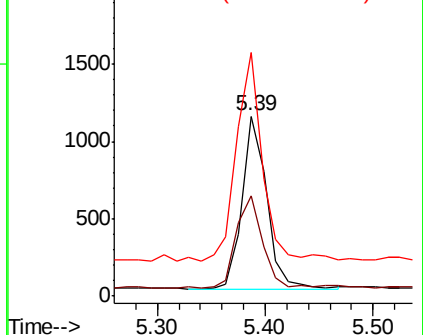
63 125.6 97.4 146.0

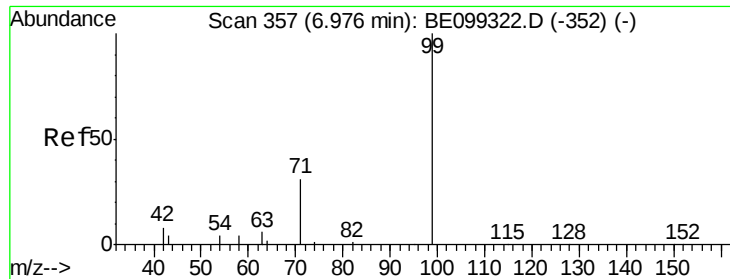


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.172 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

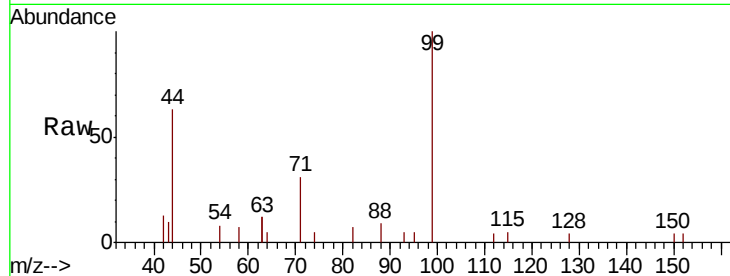
Tot Ion: 99 Resp: 2444

Ion Ratio Lower Upper

99 100

42 16.7 11.7 17.5

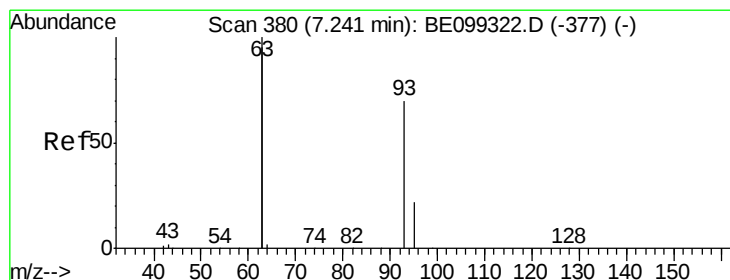
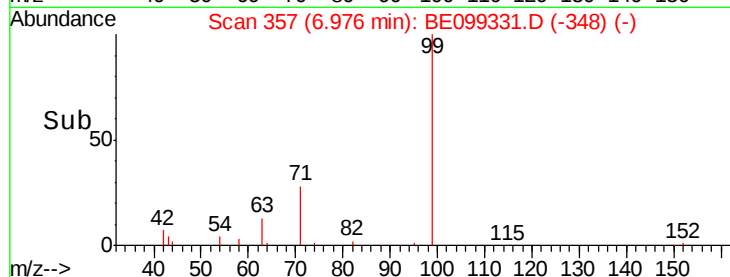
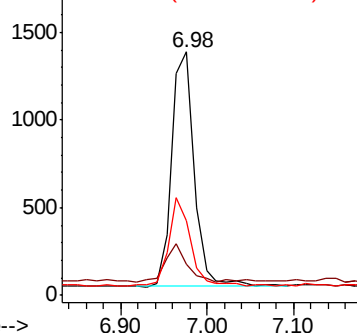
71 35.7 29.6 44.4



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: 0.188 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

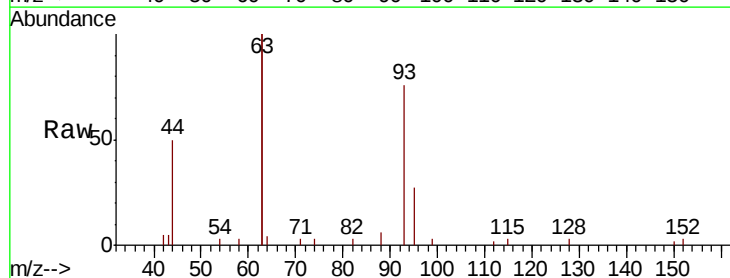
Tgt Ion: 93 Resp: 2396

Ion Ratio Lower Upper

93 100

63 270.9 216.6 324.8

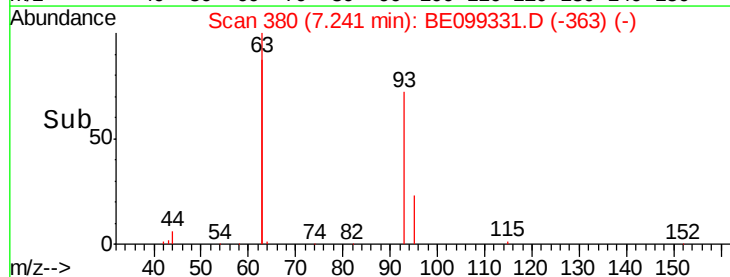
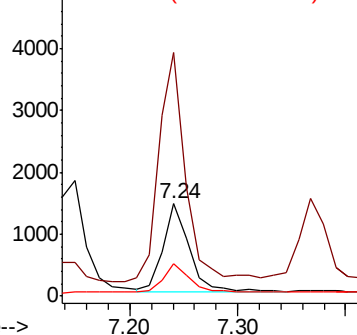
95 32.4 25.8 38.6

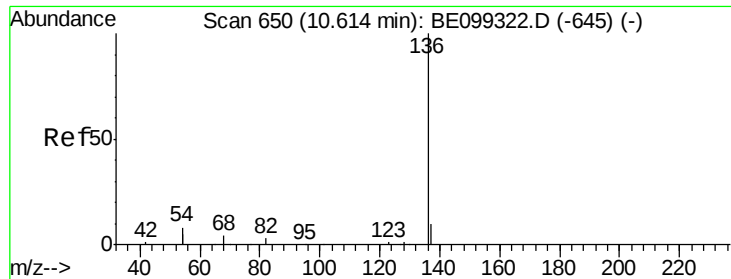


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 14284

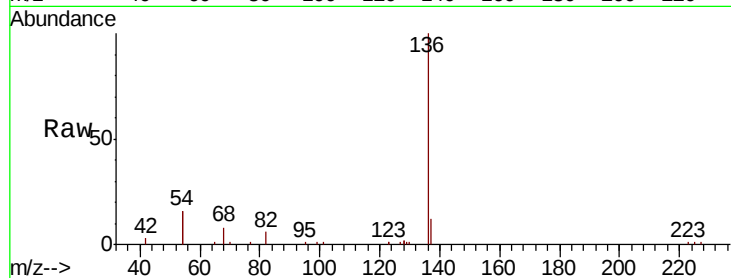
Ion Ratio Lower Upper

136 100

137 12.2 8.7 13.1

54 32.8 23.8 35.8

68 8.3 6.4 9.6

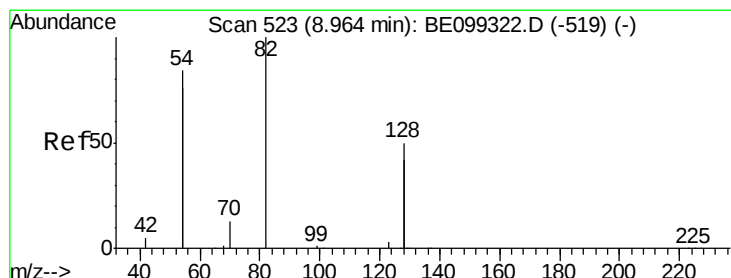
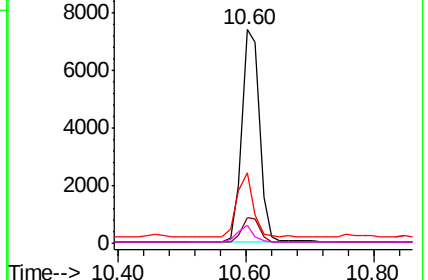
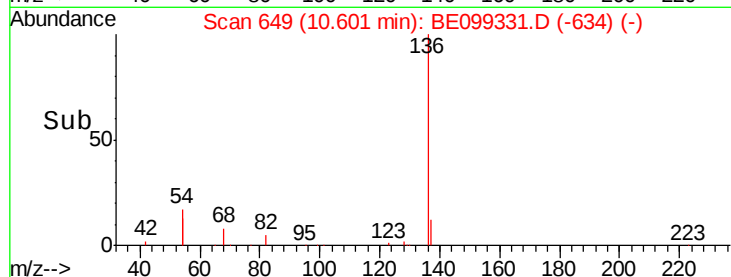


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.207 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

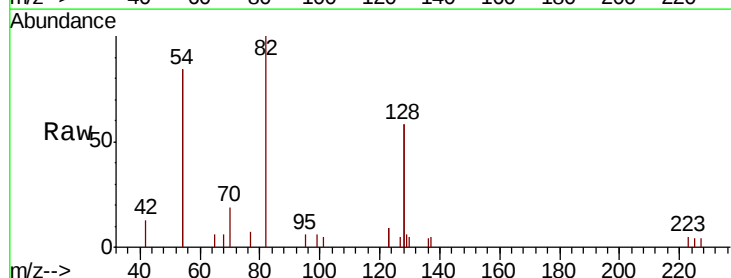
Tgt Ion: 82 Resp: 2027

Ion Ratio Lower Upper

82 100

128 116.2 91.7 137.5

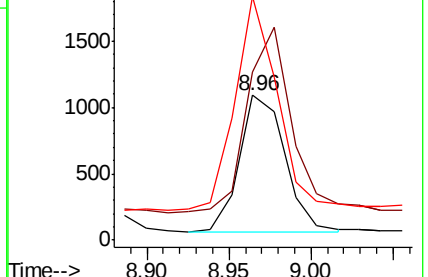
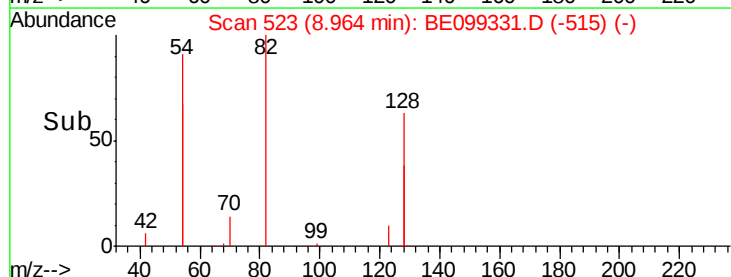
54 168.0 122.8 184.2

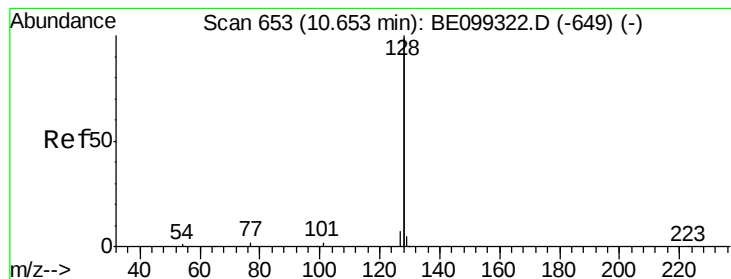


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.197 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

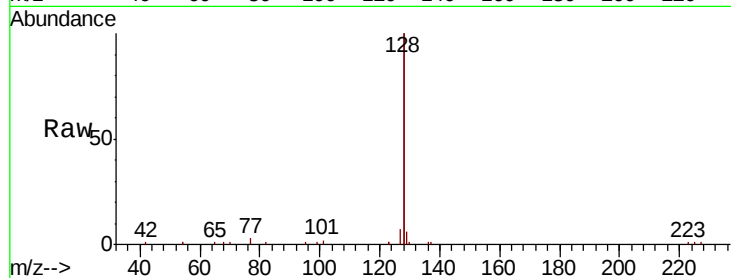
Tot Ion:128 Resp: 30658

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

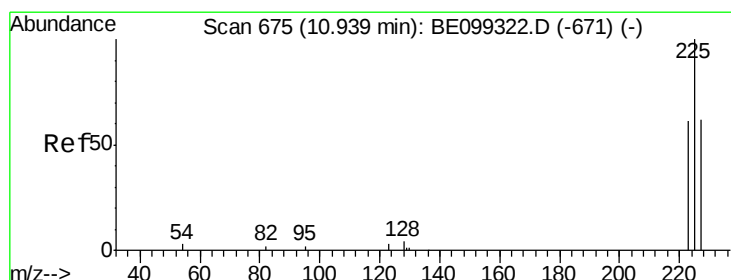
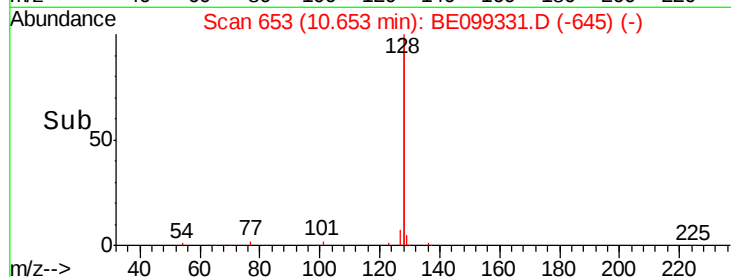
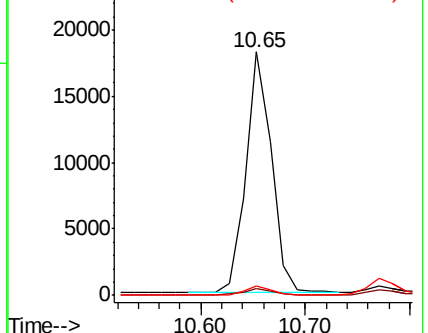
127 3.7 2.8 4.2



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: 0.197 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

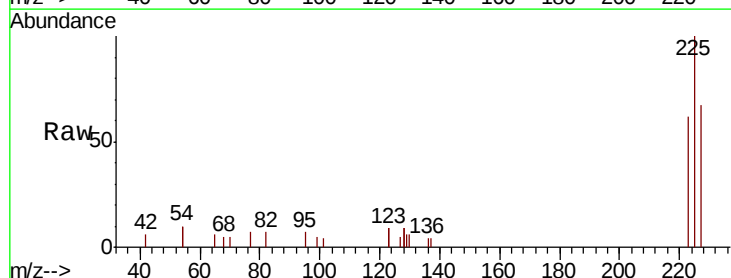
Tgt Ion:225 Resp: 1984

Ion Ratio Lower Upper

225 100

223 65.3 50.3 75.5

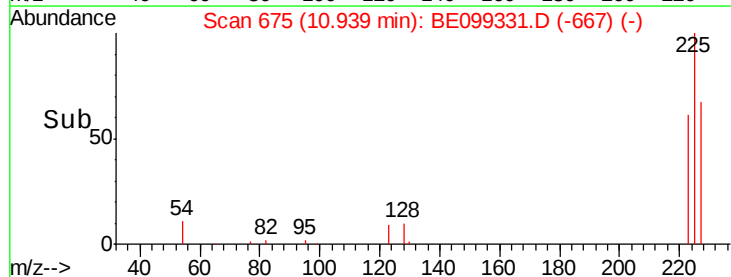
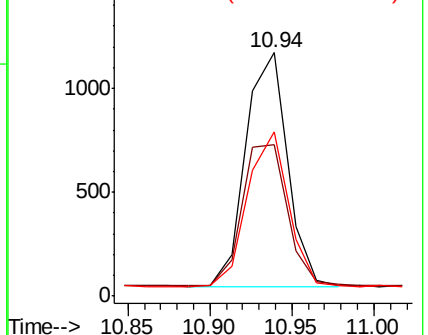
227 64.7 49.4 74.0

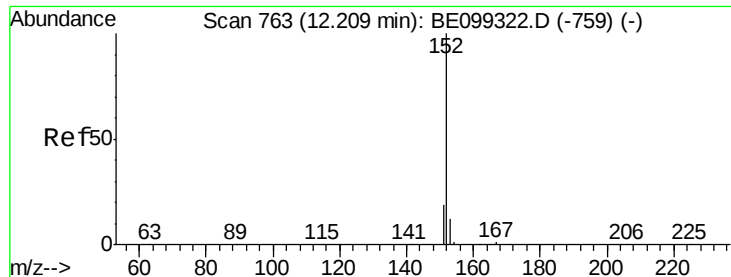


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

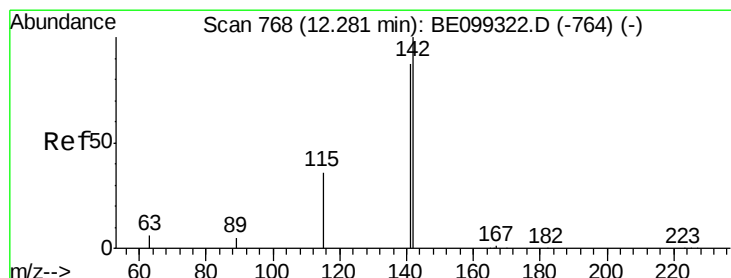
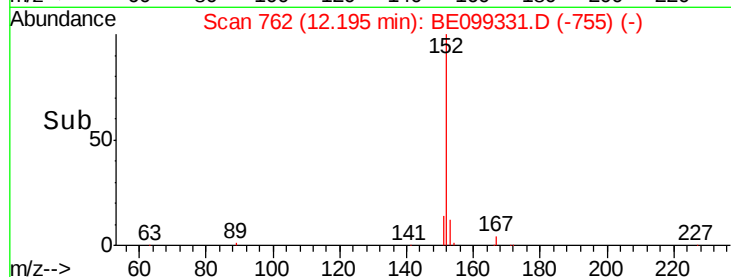
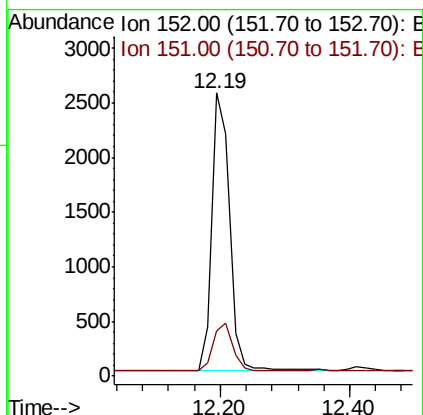
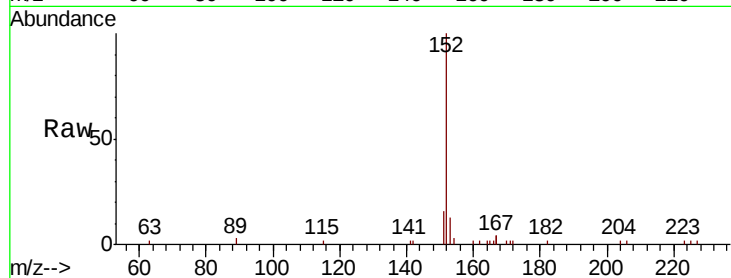




#11
 2-Methylnaphthalene-d10
 Concen: 0.196 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099331.D
 Acq: 18 Apr 2019 9:51

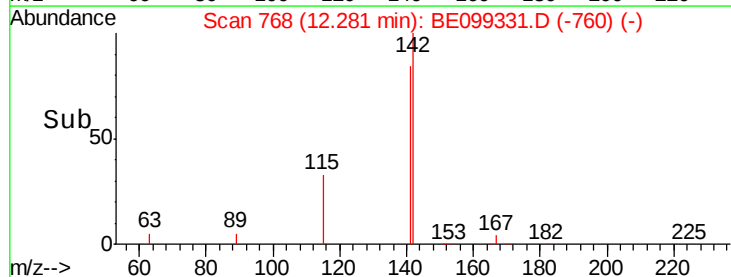
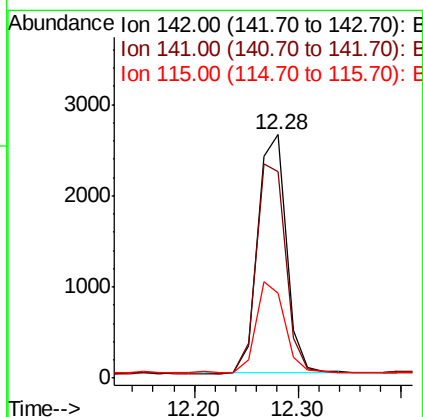
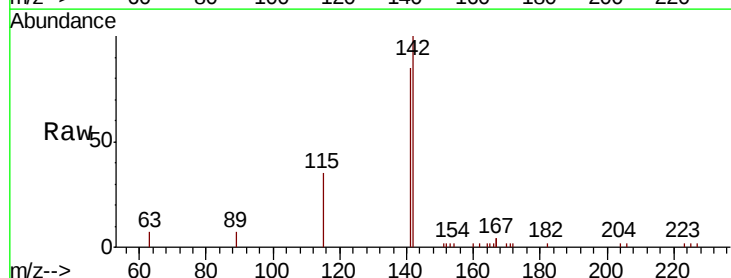
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

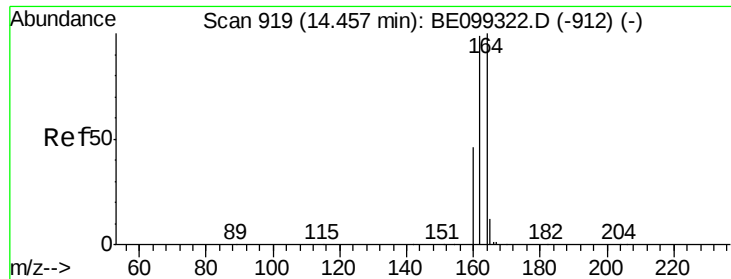
Tot Ion:152 Resp: 4875
 Ion Ratio Lower Upper
 152 100
 151 18.9 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.191 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BE099331.D
 Acq: 18 Apr 2019 9:51

Tgt Ion:142 Resp: 5057
 Ion Ratio Lower Upper
 142 100
 141 84.6 72.0 108.0
 115 34.8 33.4 50.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

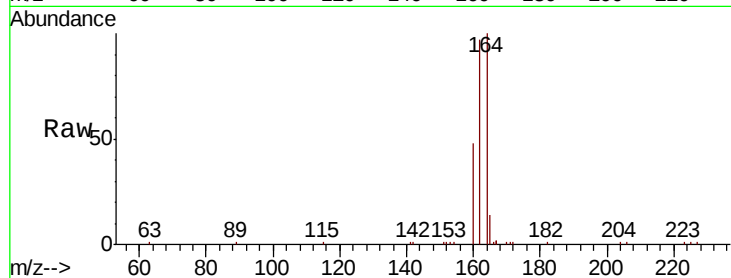
Tot Ion:164 Resp: 9771

Ion Ratio Lower Upper

164 100

162 96.8 77.8 116.6

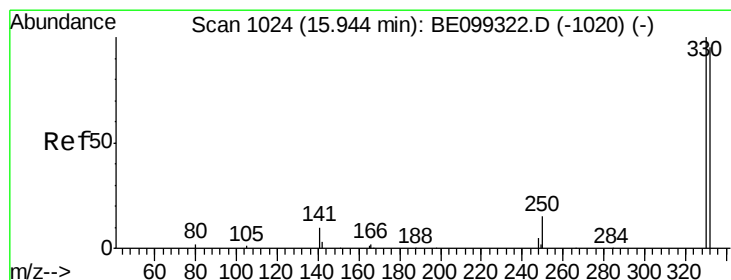
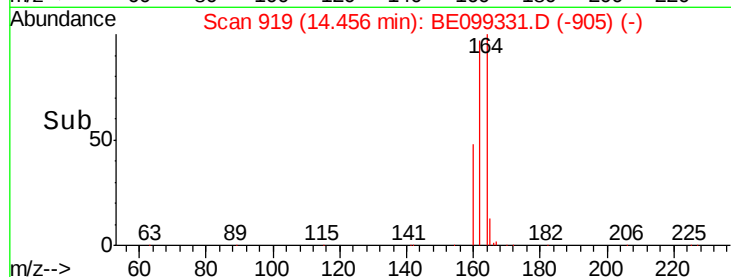
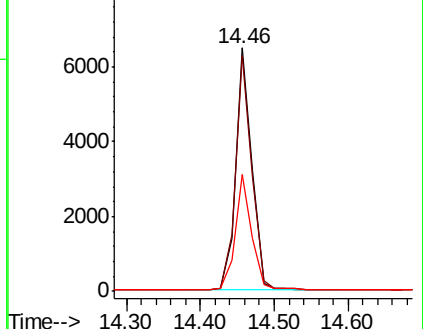
160 48.0 37.1 55.7



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: 0.130 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

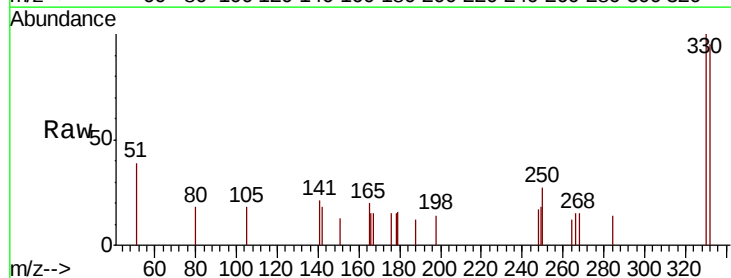
Tgt Ion:330 Resp: 584

Ion Ratio Lower Upper

330 100

332 90.9 82.5 123.7

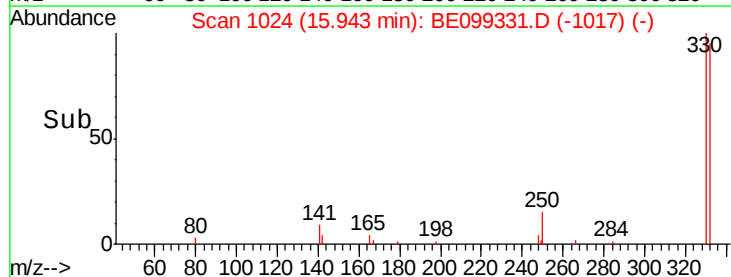
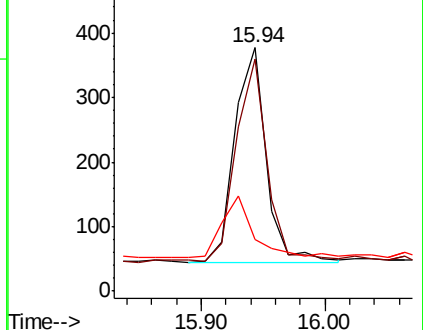
141 30.3 24.9 37.3

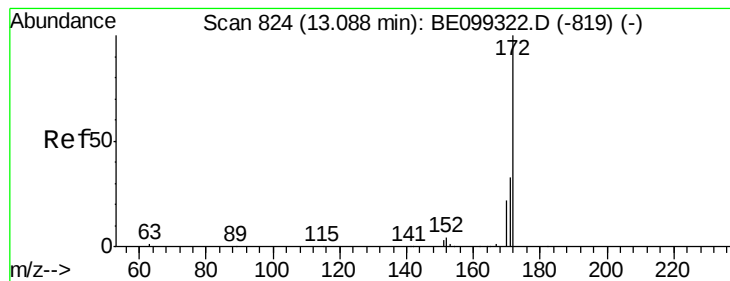


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.198 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

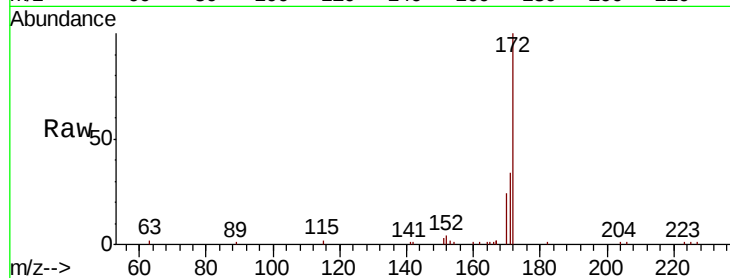
Tot Ion:172 Resp: 7601

Ion Ratio Lower Upper

172 100

171 33.9 26.2 39.2

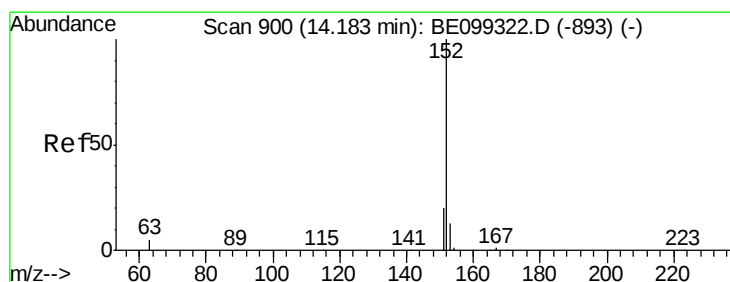
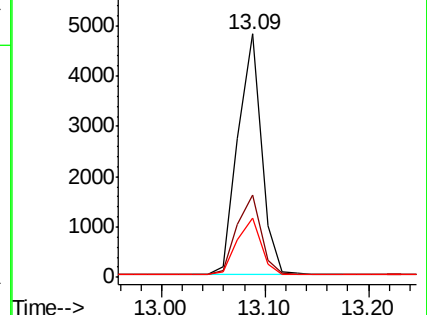
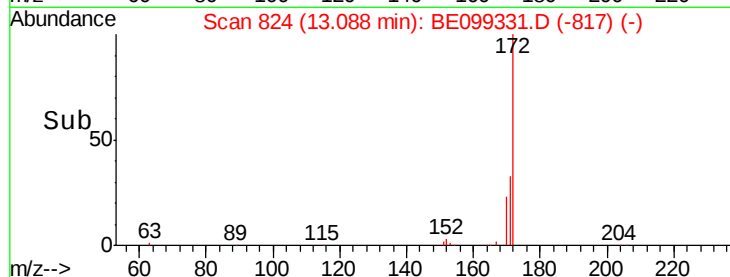
170 24.2 18.1 27.1



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: 0.174 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

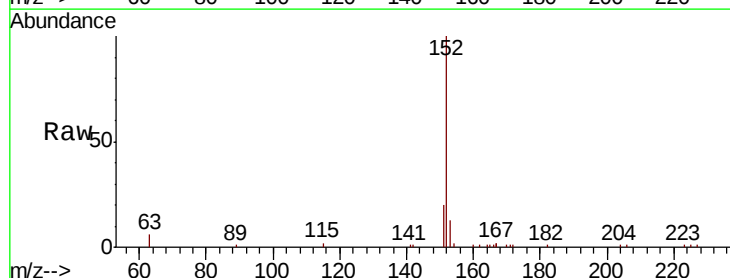
Tgt Ion:152 Resp: 8040

Ion Ratio Lower Upper

152 100

151 19.4 15.5 23.3

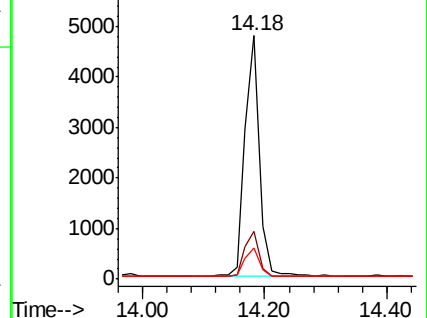
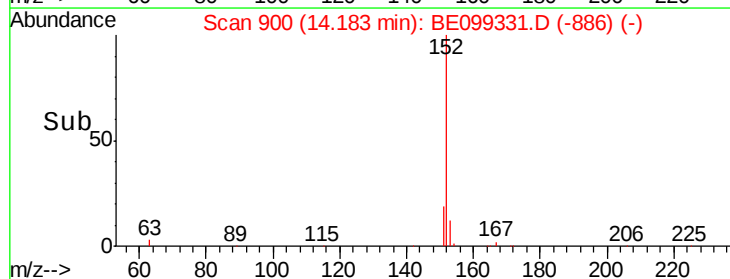
153 13.0 10.2 15.4

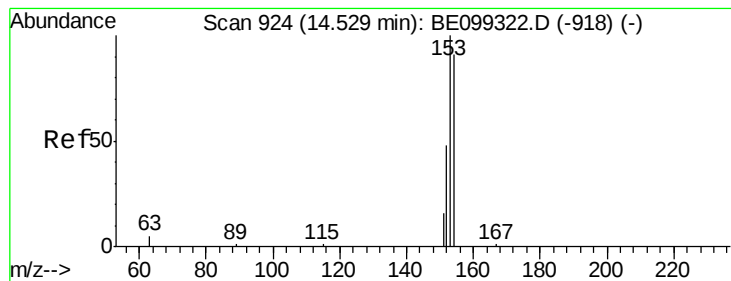


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.191 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

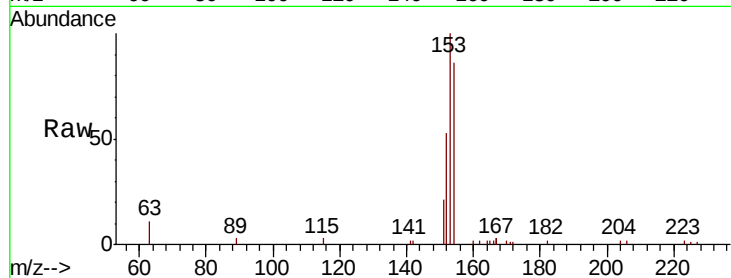
Tot Ion:154 Resp: 5207

Ion Ratio Lower Upper

154 100

153 115.4 94.7 142.1

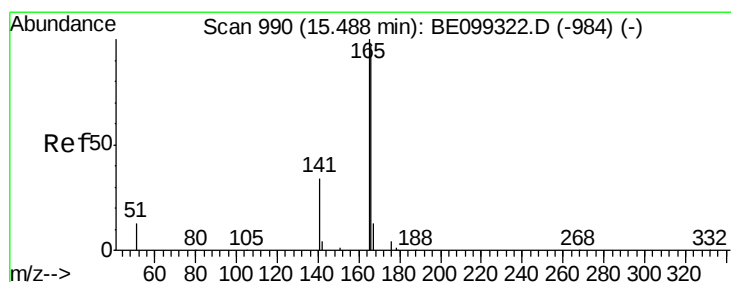
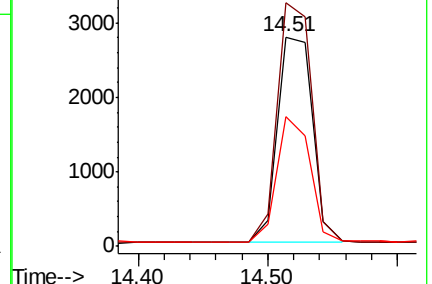
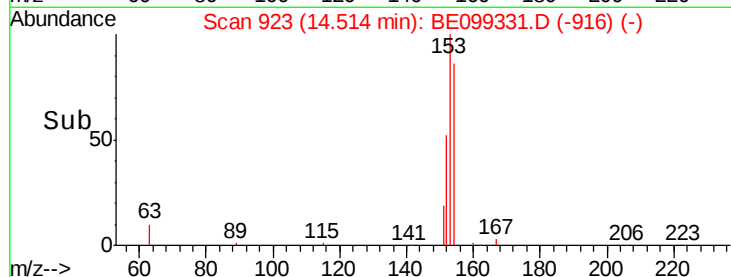
152 58.7 46.4 69.6



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: 0.186 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

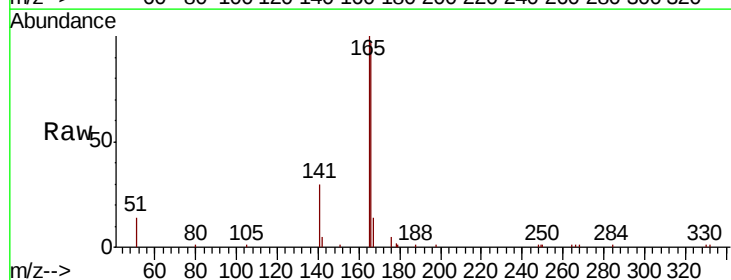
Tgt Ion:166 Resp: 7358

Ion Ratio Lower Upper

166 100

165 99.2 79.7 119.5

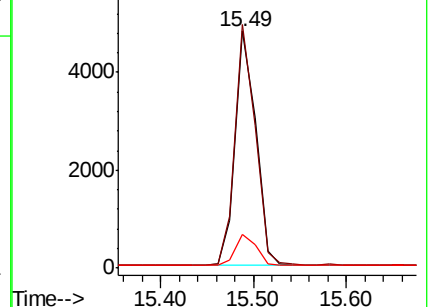
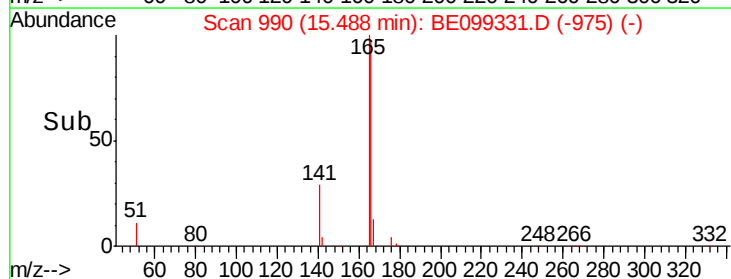
167 13.5 11.0 16.4

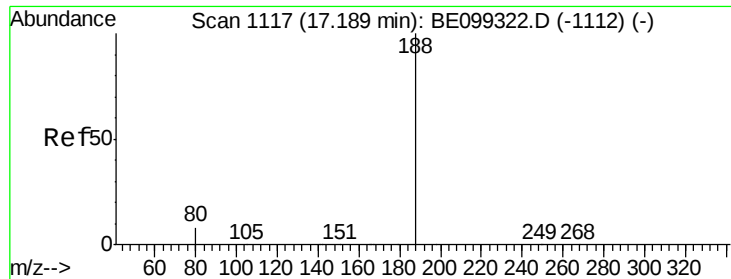


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

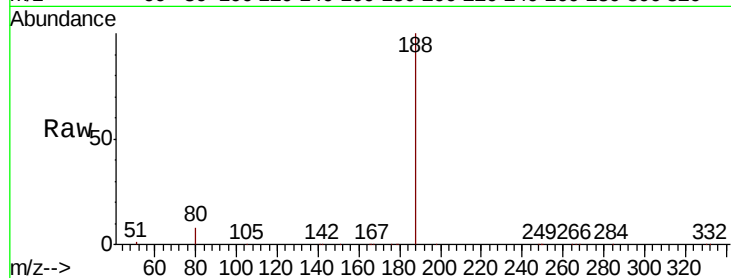
Tot Ion:188 Resp: 28644

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

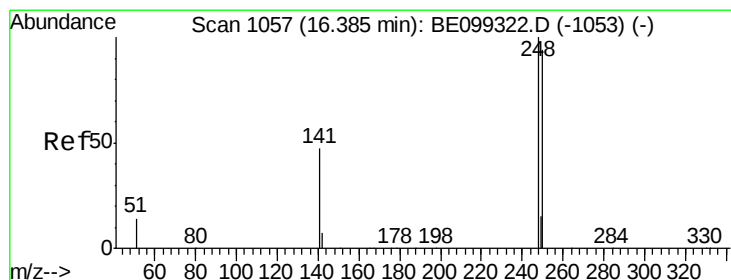
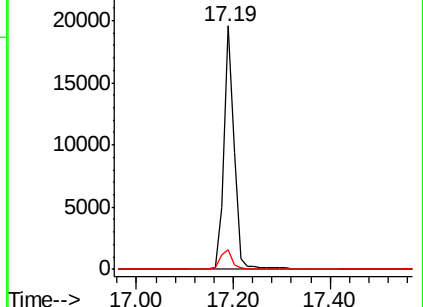
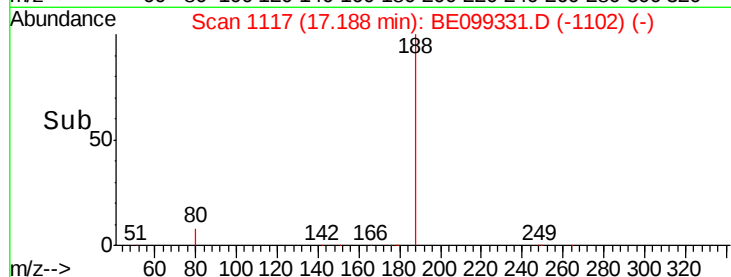
80 7.9 6.2 9.4



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: 0.181 ng

RT: 16.39 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

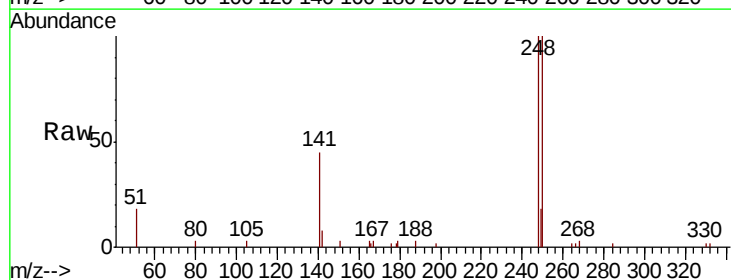
Tgt Ion:248 Resp: 2945

Ion Ratio Lower Upper

248 100

250 99.9 77.0 115.6

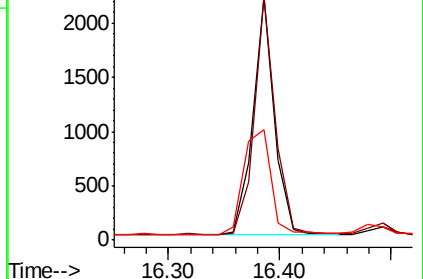
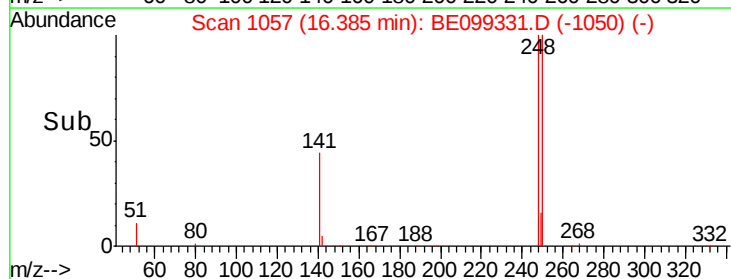
141 45.2 31.1 46.7

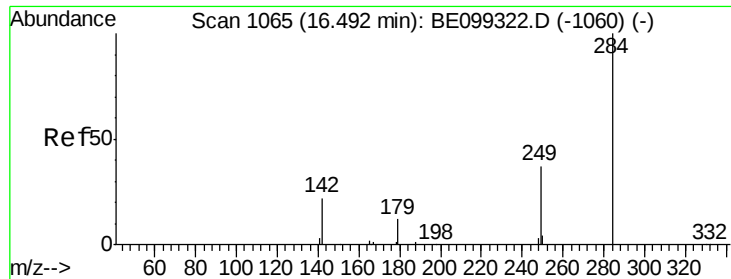


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

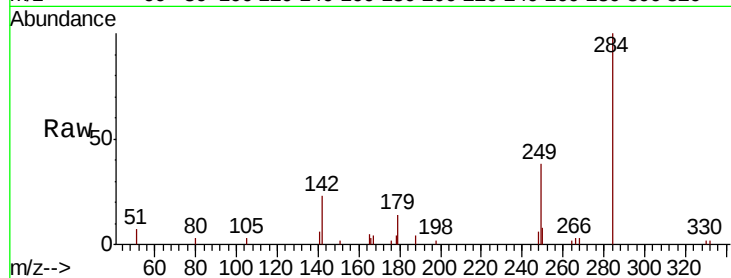




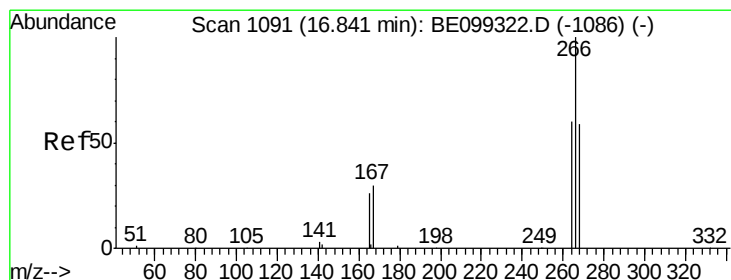
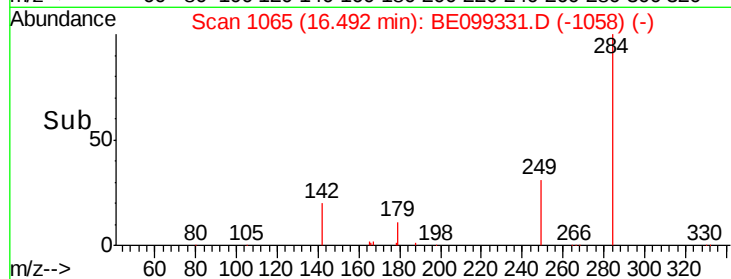
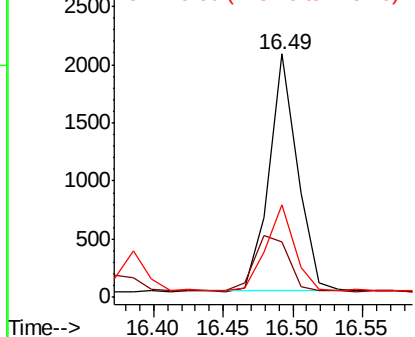
#21
Hexachlorobenzene
Concen: 0.188 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099331.D
Acq: 18 Apr 2019 9:51

Instrument :
BNA_E
ClientSampled :
SSTDIC0.2

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.9	21.8	32.6
249	35.3	26.2	39.4

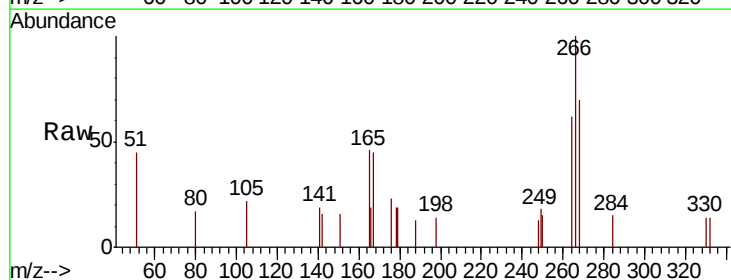


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

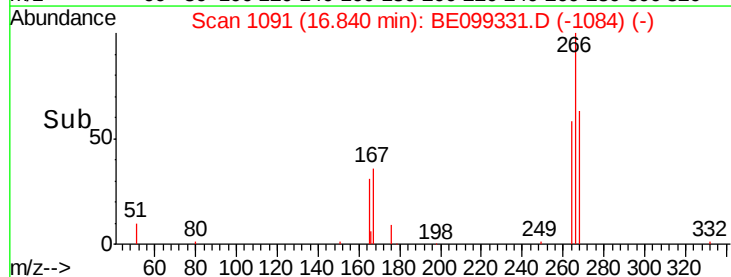
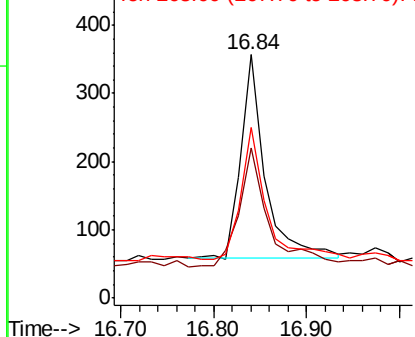


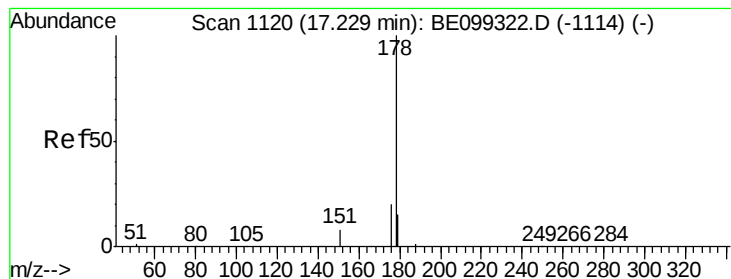
#22
Pentachlorophenol
Concen: 0.083 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE099331.D
Acq: 18 Apr 2019 9:51

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.6	54.5	81.7
268	70.0	54.3	81.5



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: 0.197 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

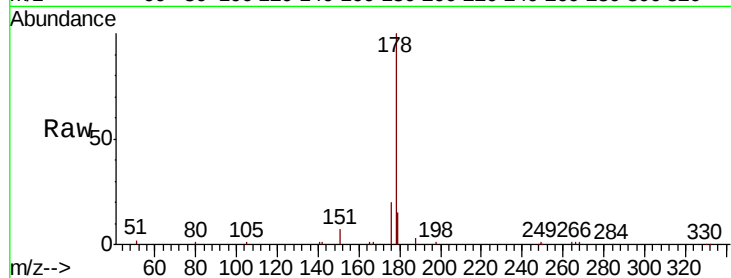
Tot Ion:178 Resp: 14591

Ion Ratio Lower Upper

178 100

176 20.1 15.3 22.9

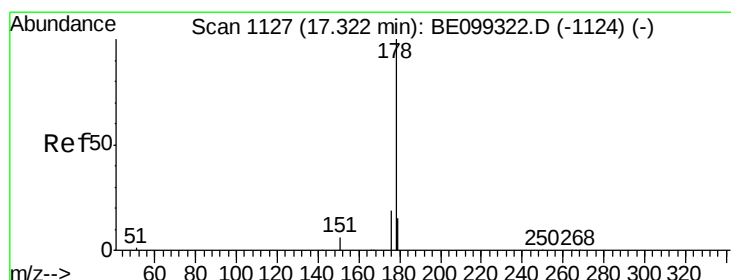
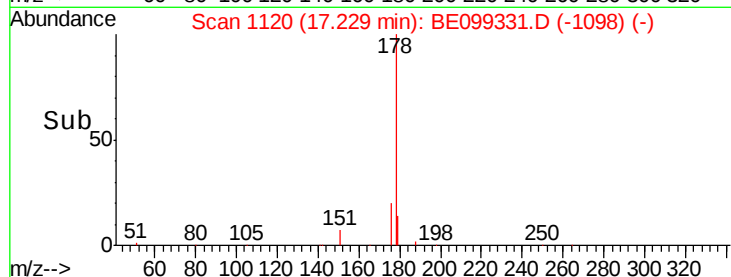
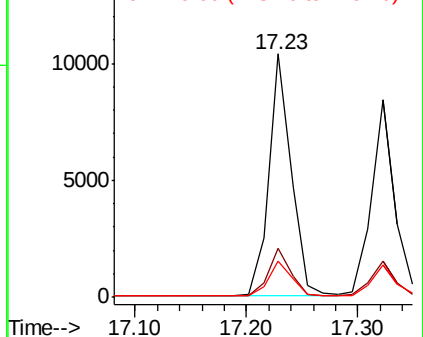
179 15.1 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.173 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

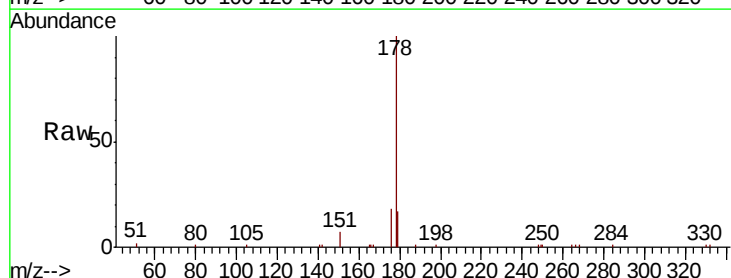
Tgt Ion:178 Resp: 12090

Ion Ratio Lower Upper

178 100

176 18.3 15.1 22.7

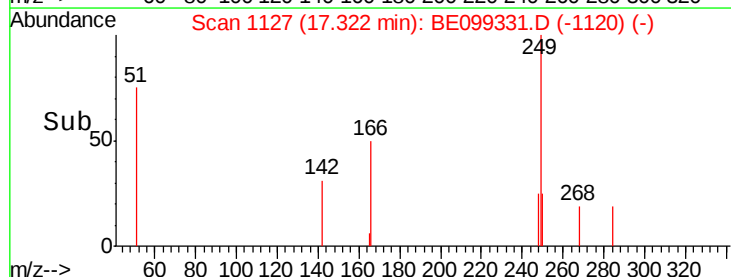
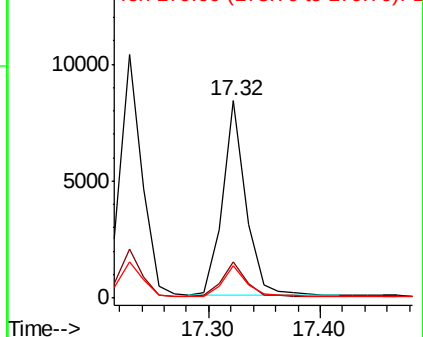
179 16.3 11.9 17.9

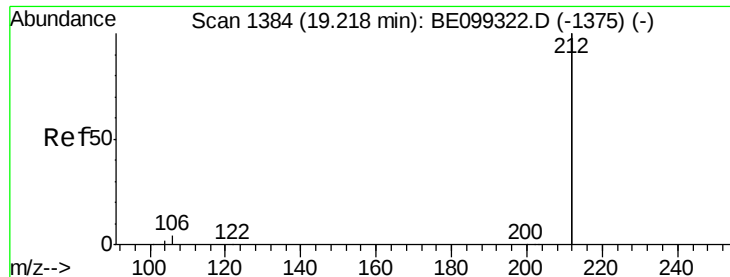


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.169 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

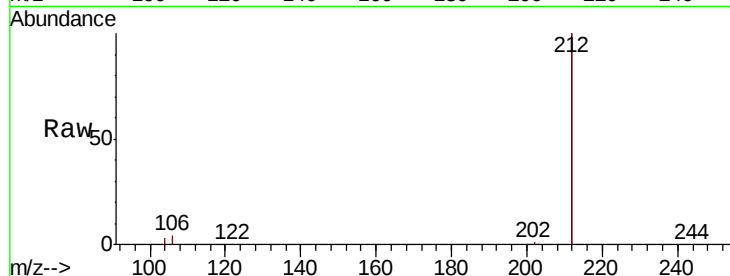
Tot Ion:212 Resp: 63905

Ion Ratio Lower Upper

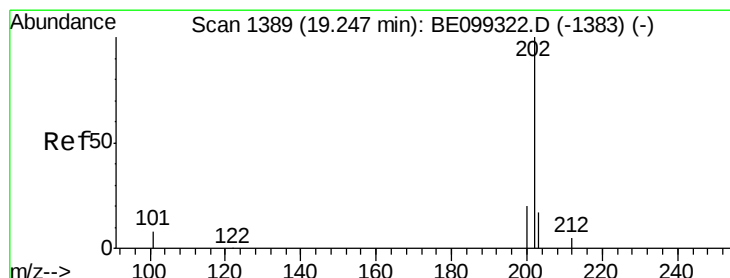
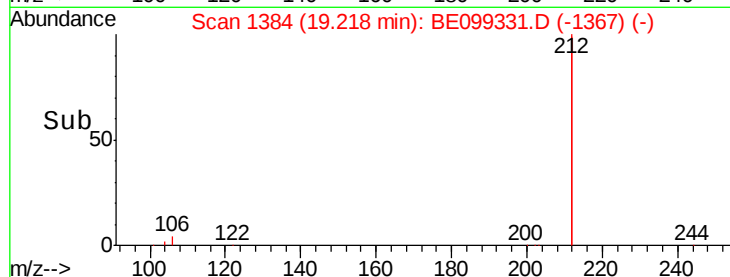
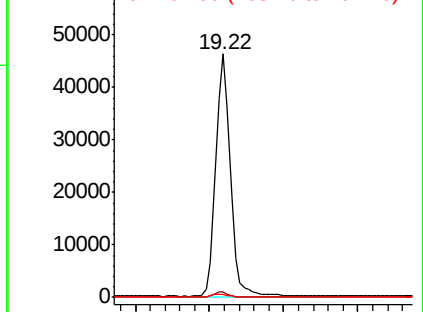
212 100

106 2.2 1.8 2.6

104 1.2 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: 0.166 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

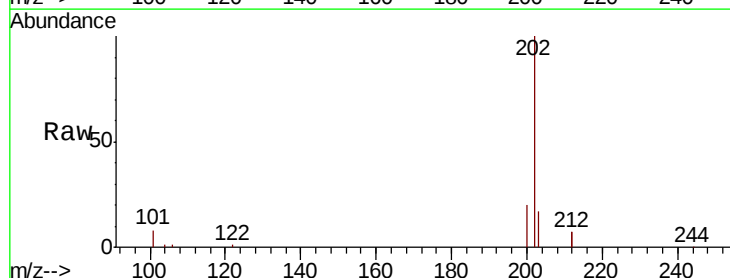
Tgt Ion:202 Resp: 18203

Ion Ratio Lower Upper

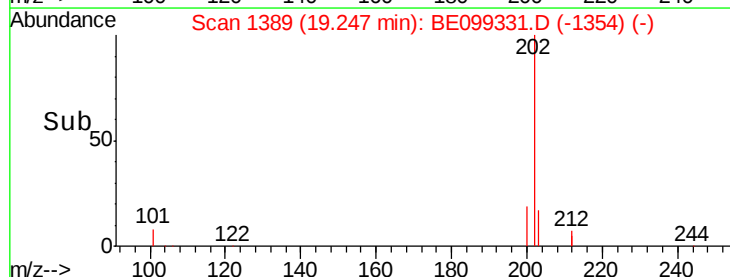
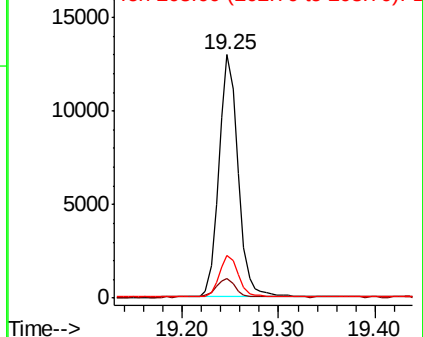
202 100

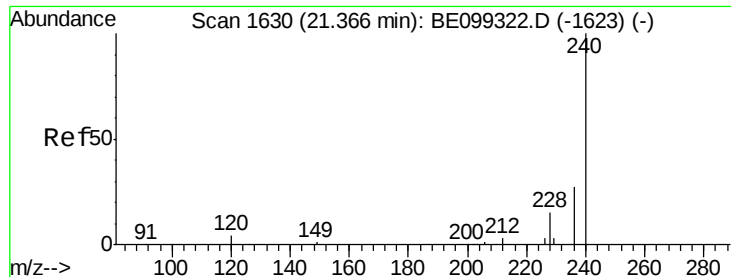
101 8.2 6.4 9.6

203 17.3 13.5 20.3



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

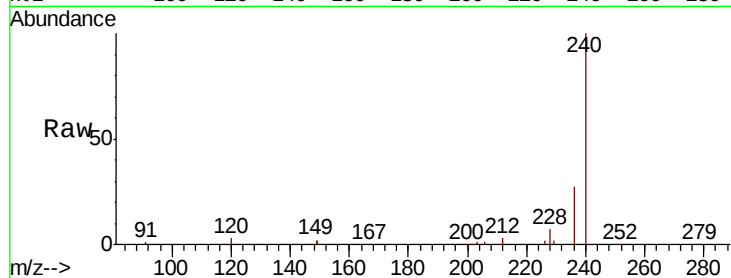




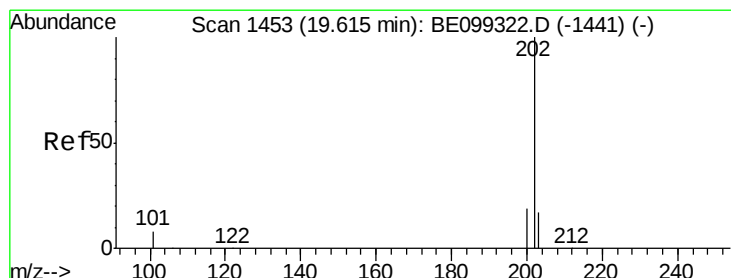
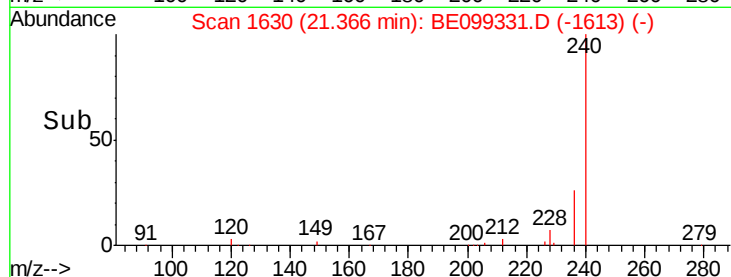
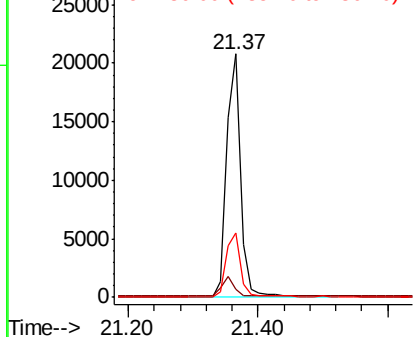
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099331.D
Acq: 18 Apr 2019 9:51

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:240 Resp: 31861
Ion Ratio Lower Upper
240 100
120 3.1 2.2 3.2
236 26.7 20.2 30.4

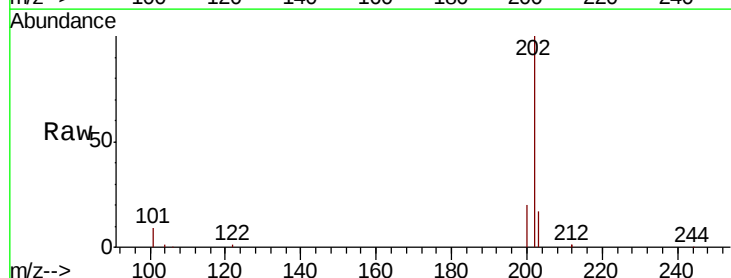


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

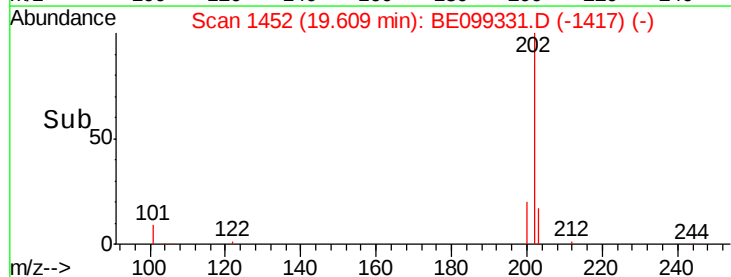
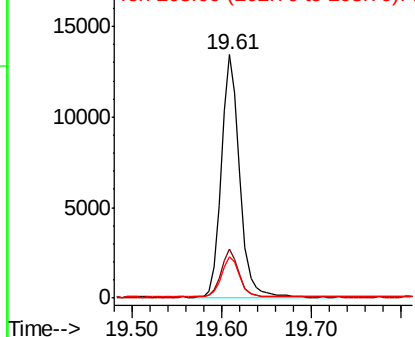


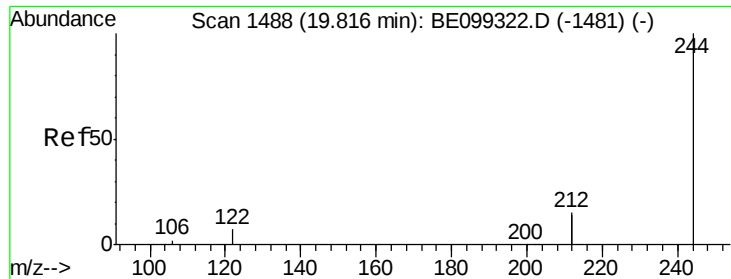
#28
Pyrene
Concen: 0.224 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BE099331.D
Acq: 18 Apr 2019 9:51

Tgt Ion:202 Resp: 18820
Ion Ratio Lower Upper
202 100
200 19.4 15.7 23.5
203 17.1 13.7 20.5



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: 0.213 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

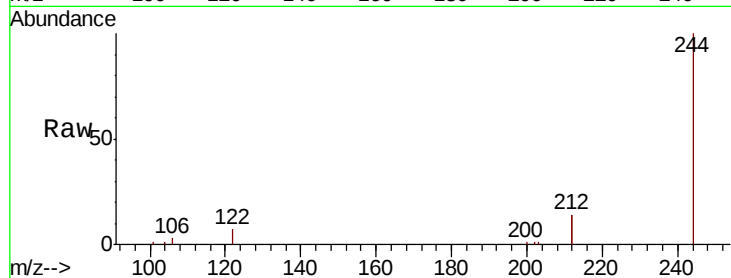
Tot Ion:244 Resp: 12389

Ion Ratio Lower Upper

244 100

212 28.0 22.6 33.8

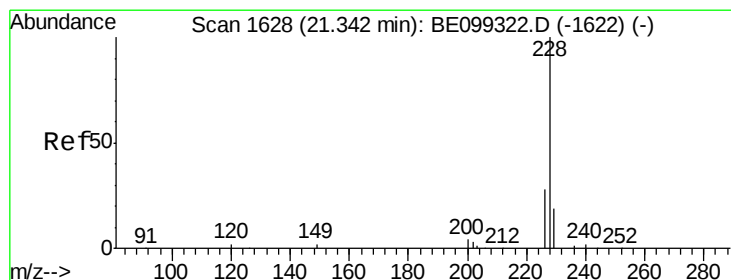
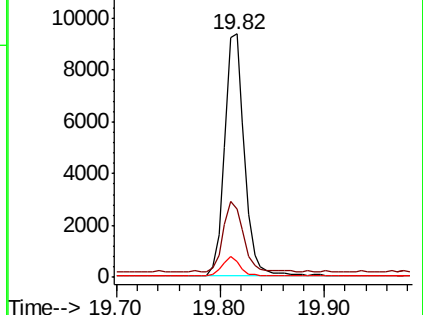
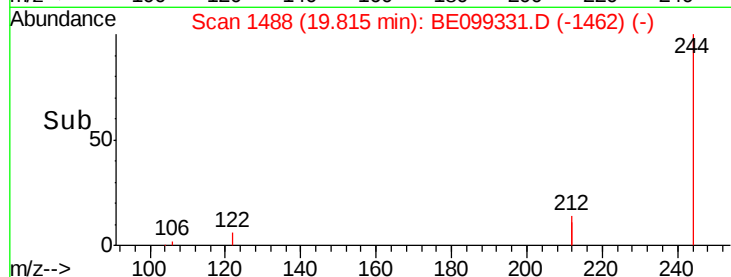
122 6.6 4.6 7.0



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: 0.183 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

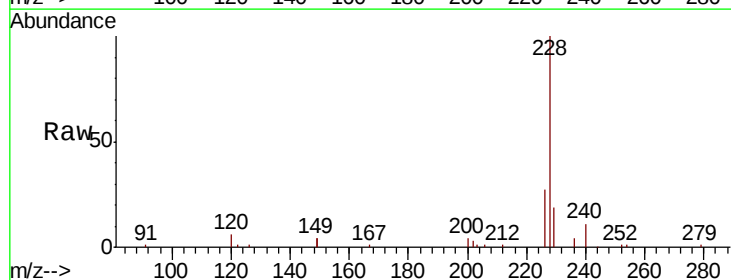
Tgt Ion:228 Resp: 18342

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

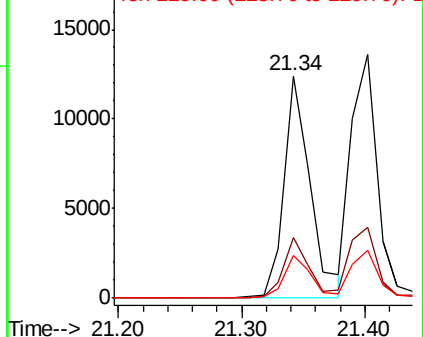
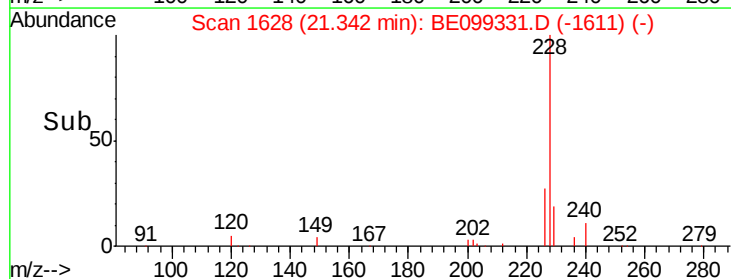
229 19.3 15.8 23.8

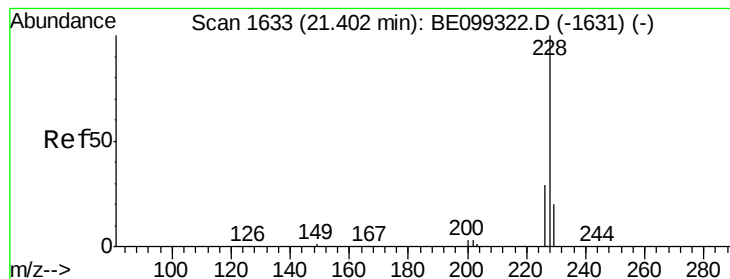


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.201 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

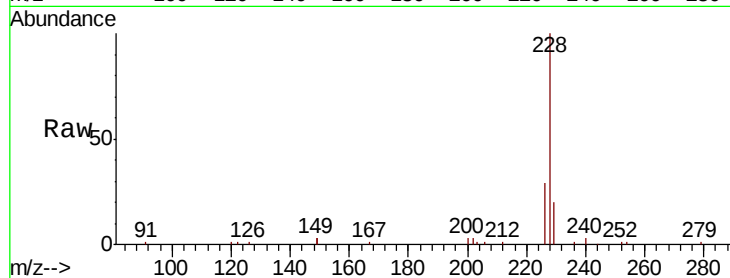
Tot Ion:228 Resp: 19806

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.2

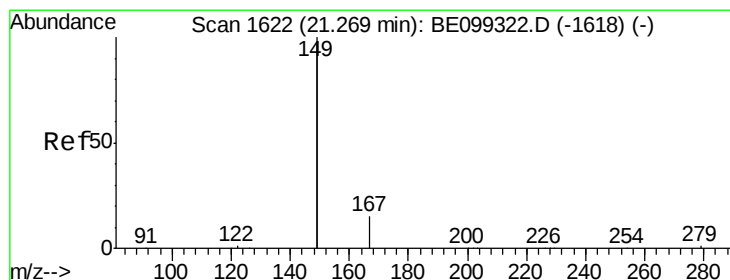
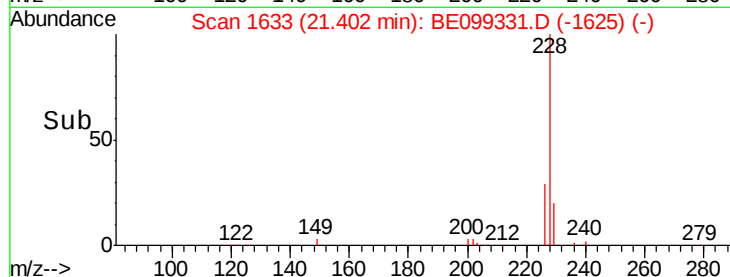
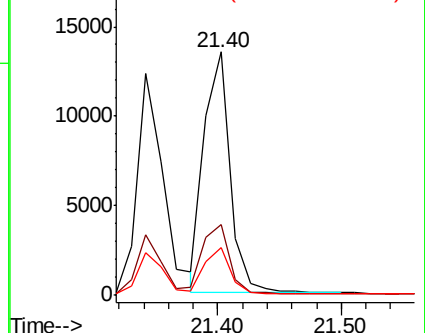
229 19.9 16.2 24.2



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: 0.114 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

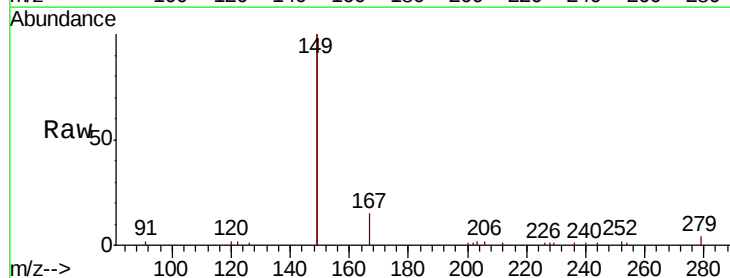
Tgt Ion:149 Resp: 14519

Ion Ratio Lower Upper

149 100

167 7.0 6.0 9.0

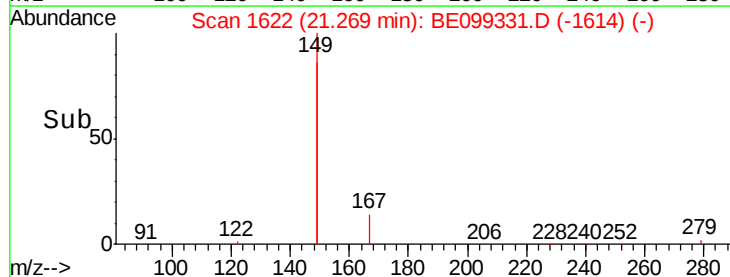
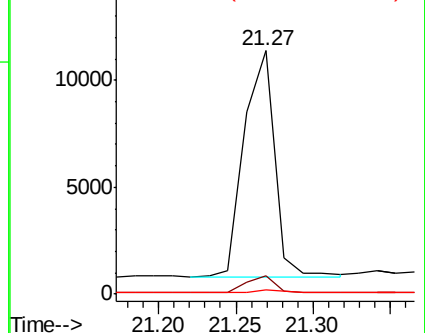
279 1.4 1.1 1.7

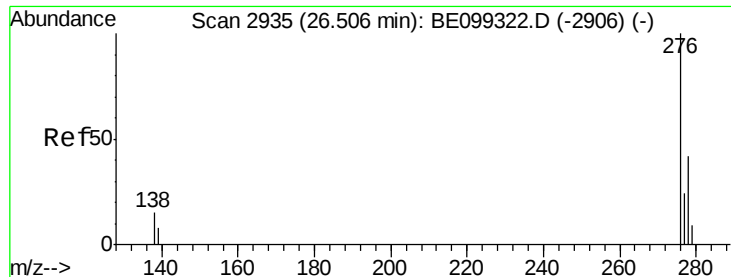


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.175 ng

RT: 26.50 min Scan# 2932

Delta R.T. 0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

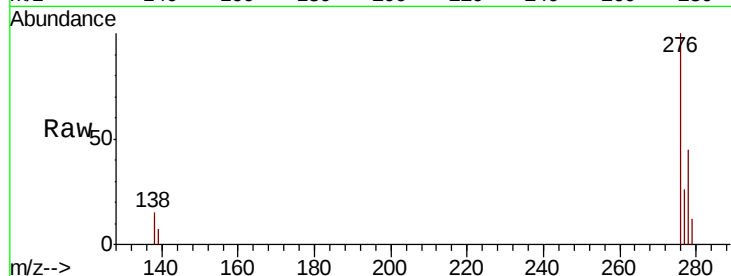
Tot Ion:276 Resp: 19718

Ion Ratio Lower Upper

276 100

138 15.4 12.7 19.1

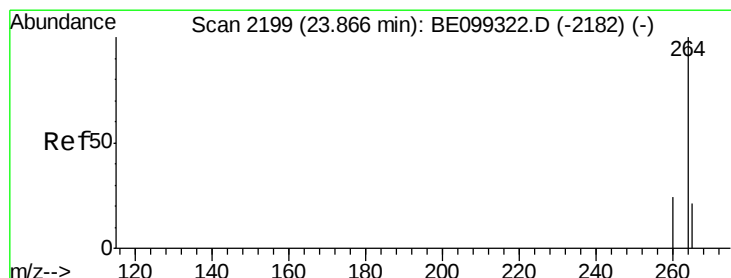
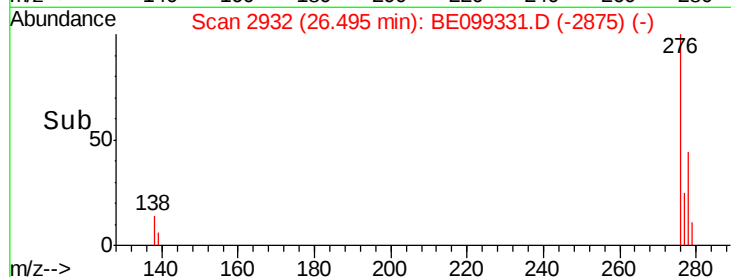
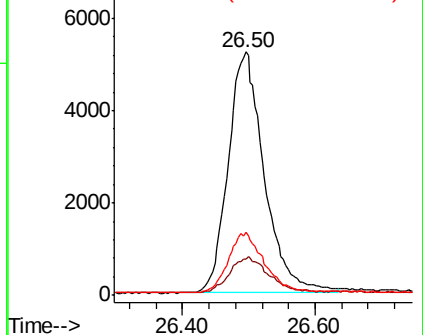
277 24.5 19.6 29.4



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# 2197

Delta R.T. 0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

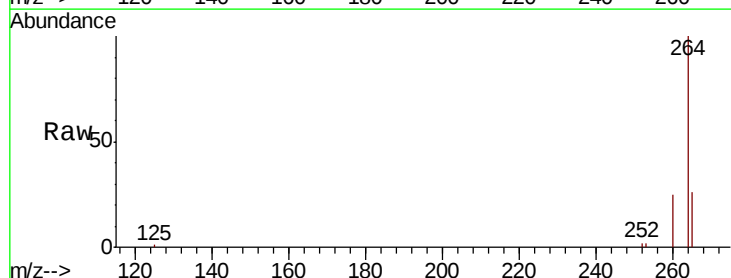
Tgt Ion:264 Resp: 31074

Ion Ratio Lower Upper

264 100

260 25.1 20.1 30.1

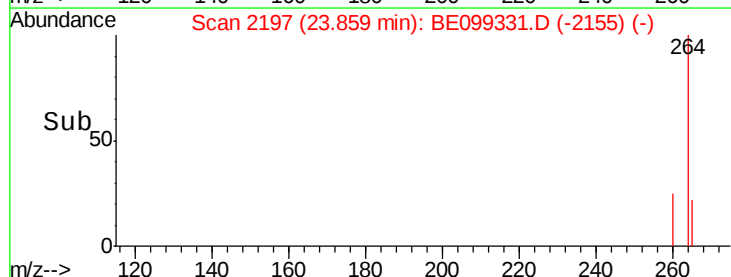
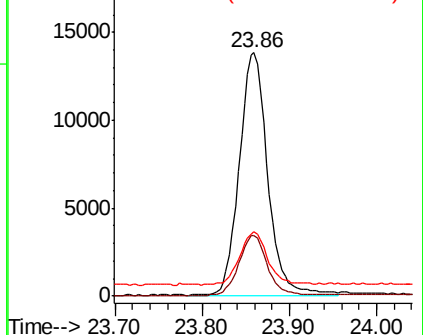
265 26.5 19.9 29.9

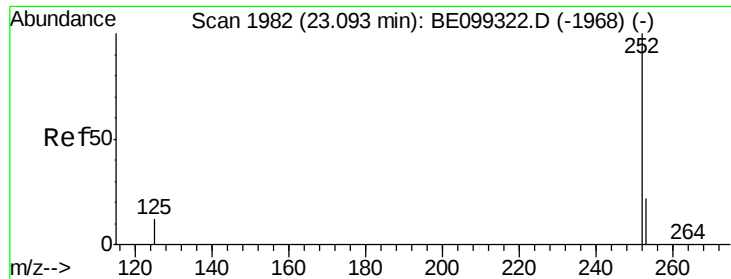


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

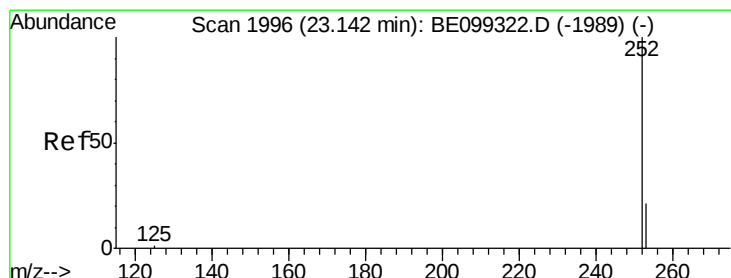
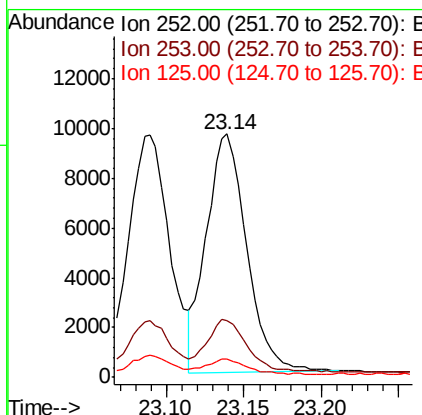
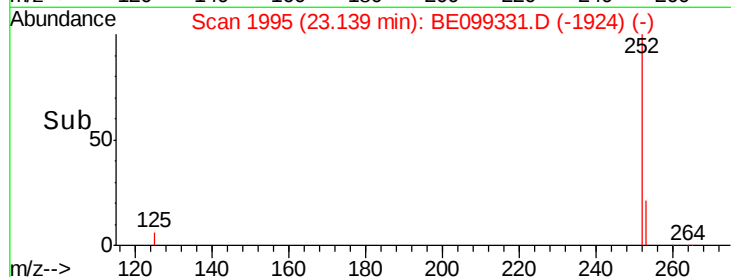
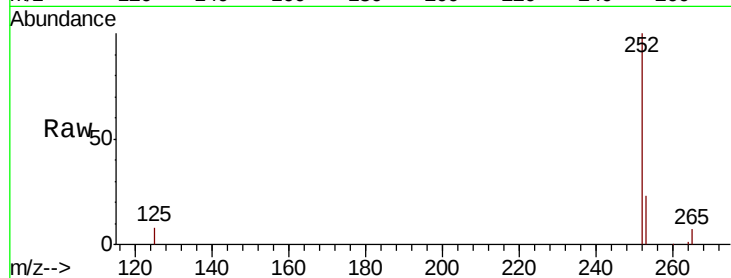




#35
Benzo(b)fluoranthene
Concen: 0.189 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.05 min
Lab File: BE099331.D
Acq: 18 Apr 2019 9:51

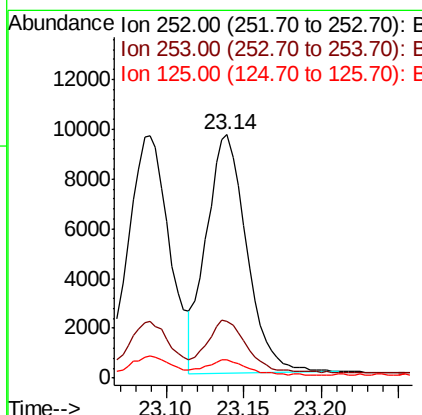
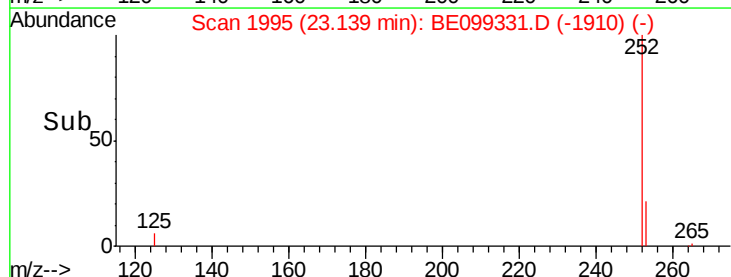
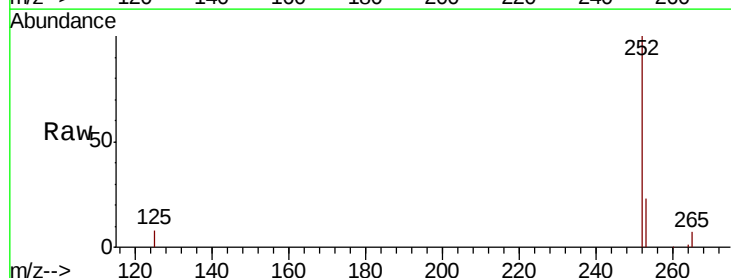
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

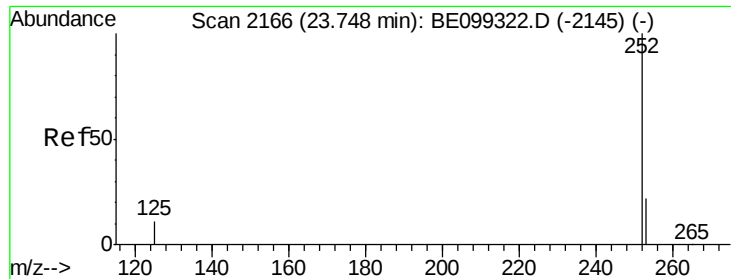
Tot Ion:252 Resp: 17494
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 7.6 5.8 8.6



#36
Benzo(k)fluoranthene
Concen: 0.194 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BE099331.D
Acq: 18 Apr 2019 9:51

Tgt Ion:252 Resp: 17494
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 7.6 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.180 ng

RT: 23.75 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

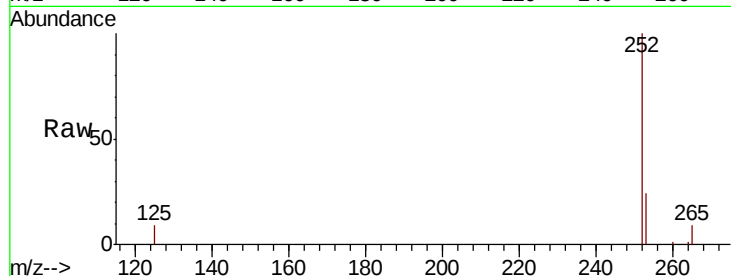
Tot Ion:252 Resp: 15667

Ion Ratio Lower Upper

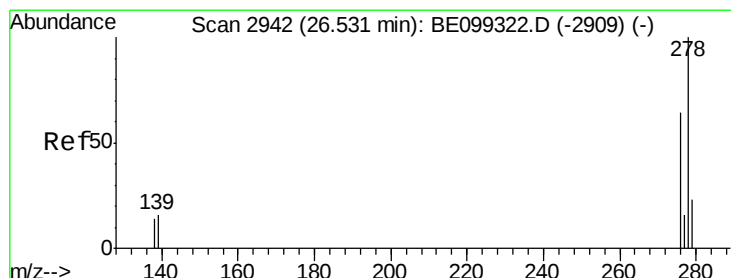
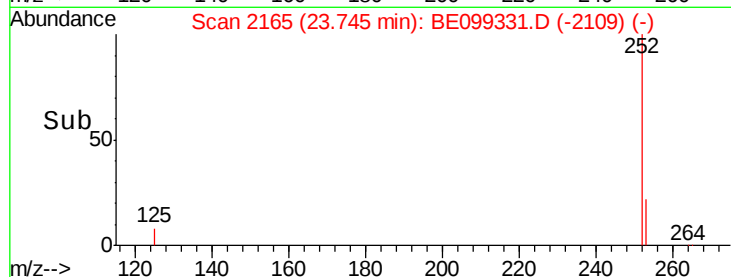
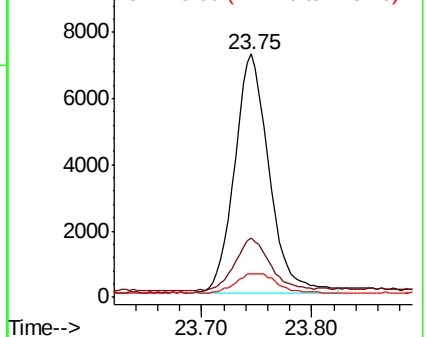
252 100

253 24.2 17.6 26.4

125 9.5 6.5 9.7



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



#38

Dibenzo(a,h)anthracene

Concen: 0.187 ng

RT: 26.52 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

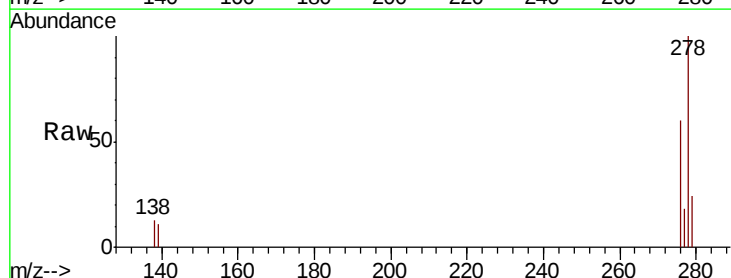
Tgt Ion:278 Resp: 16184

Ion Ratio Lower Upper

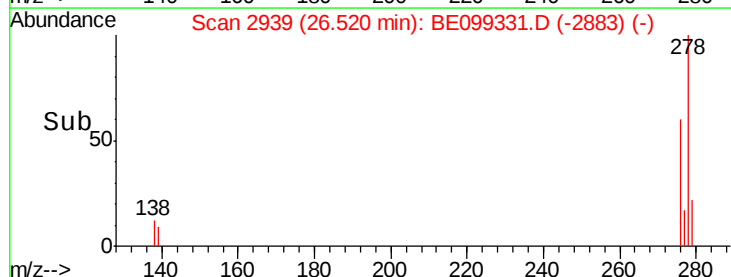
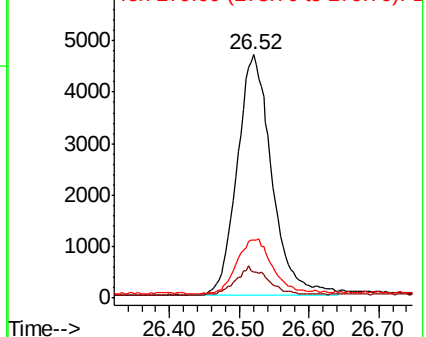
278 100

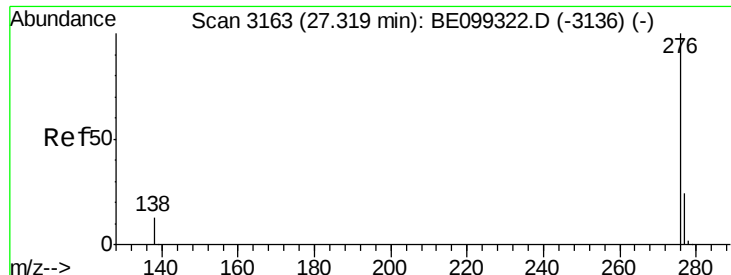
139 10.8 8.5 12.7

279 23.9 19.8 29.8



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: 0.191 ng

RT: 27.30 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BE099331.D

Acq: 18 Apr 2019 9:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

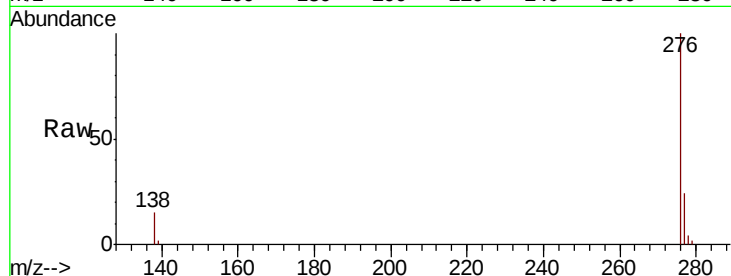
Tot Ion: 276 Resp: 16475

Ion Ratio Lower Upper

276 100

277 24.0 20.0 30.0

138 15.0 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

