

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041219\
 Data File : BE099309.D
 Acq On : 12 Apr 2019 14:01
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 12 17:56:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 12 17:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	4031	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	15596	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	10820	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	33097	0.40	ng	0.00
27) Chrysene-d12	21.37	240	45442	0.40	ng	0.00
34) Perylene-d12	23.86	264	46203	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	3938	0.37	ng	0.00
5) Phenol-d6	6.97	99	5827	0.40	ng	0.00
8) Nitrobenzene-d5	8.96	82	4201	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	11492	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1552	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	18467	0.43	ng	0.00
25) Fluoranthene-d10	19.22	212	175506	0.40	ng	0.00
29) Terphenyl-d14	19.82	244	36041	0.43	ng	0.00

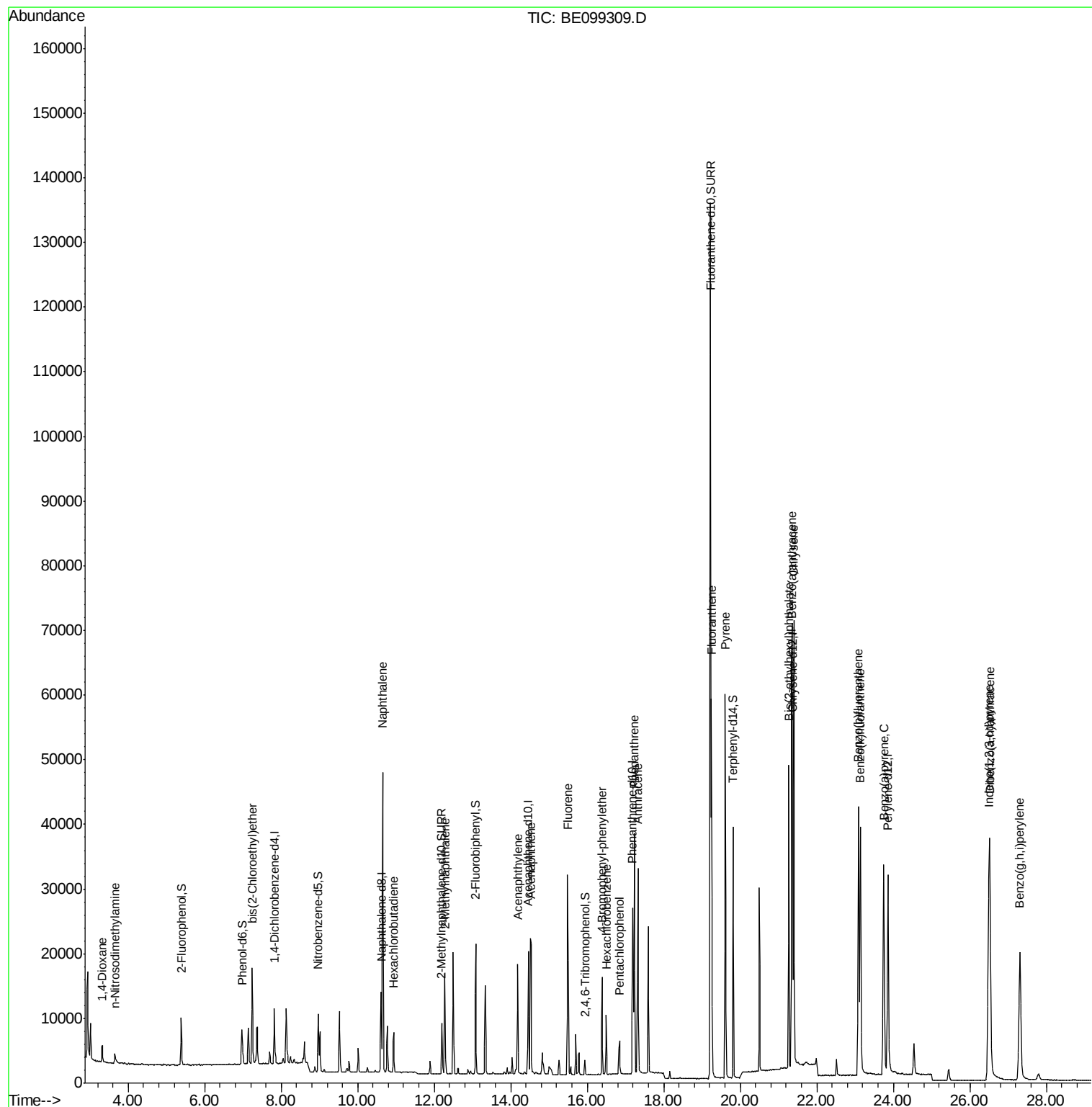
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	2290	0.417	ng	100
3) n-Nitrosodimethylamine	3.65	42	1138	0.351	ng	# 87
6) bis(2-Chloroethyl)ether	7.24	93	5851	0.443	ng	100
9) Naphthalene	10.65	128	71864	0.424	ng	100
10) Hexachlorobutadiene	10.94	225	4590	0.416	ng	100
12) 2-Methylnaphthalene	12.28	142	12645	0.438	ng	100
16) Acenaphthylene	14.18	152	19745	0.385	ng	100
17) Acenaphthene	14.53	154	12795	0.423	ng	99
18) Fluorene	15.49	166	18247	0.418	ng	100
20) 4-Bromophenyl-phenylether	16.39	248	7370	0.392	ng	100
21) Hexachlorobenzene	16.49	284	7092	0.397	ng	100
22) Pentachlorophenol	16.84	266	2937	0.395	ng	100
23) Phenanthrene	17.23	178	36669	0.428	ng	100
24) Anthracene	17.32	178	32442	0.402	ng	100
26) Fluoranthene	19.25	202	52218	0.413	ng	100
28) Pyrene	19.61	202	53650	0.447	ng	100
30) Benzo(a)anthracene	21.34	228	57409	0.401	ng	100
31) Chrysene	21.40	228	59039	0.421	ng	100
32) Bis(2-ethylhexyl)phthalate	21.27	149	48616	0.267	ng	100
33) Indeno(1,2,3-cd)pyrene	26.49	276	63967	0.399	ng	100
35) Benzo(b)fluoranthene	23.09	252	57232	0.415	ng	100
36) Benzo(k)fluoranthene	23.14	252	58299	0.435	ng	100
37) Benzo(a)pyrene	23.74	252	53455	0.412	ng	100
38) Dibenzo(a,h)anthracene	26.52	278	52746	0.409	ng	100
39) Benzo(g,h,i)perylene	27.31	276	53130	0.414	ng	100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041219\
Data File : BE099309.D
Acq On : 12 Apr 2019 14:01
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 12 17:55:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 17:51:18 2019
Response via : Initial Calibration



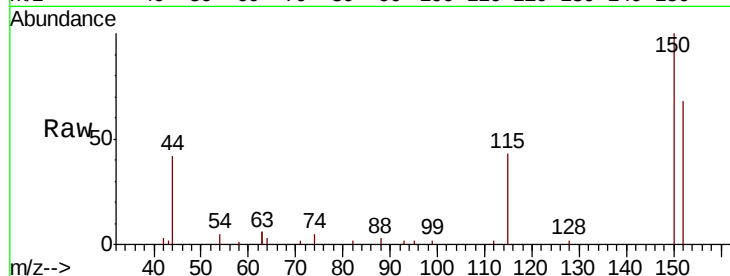


#1

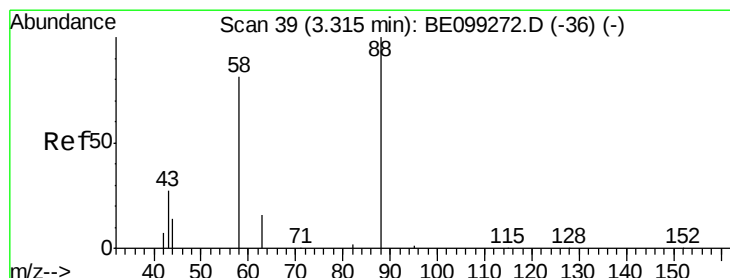
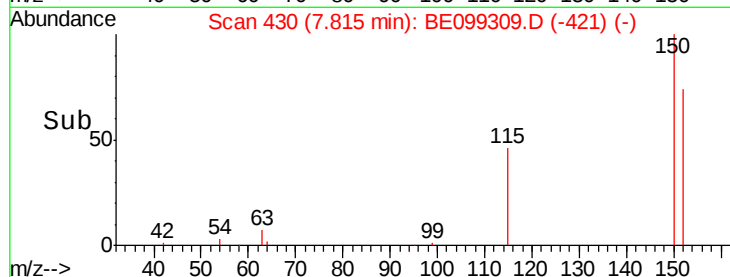
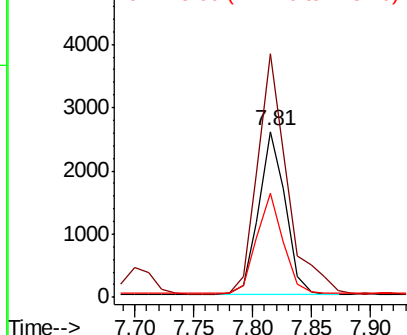
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099309.D
Acq: 12 Apr 2019 14:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4031
Ion Ratio Lower Upper
152 100
150 146.6 117.3 175.9
115 62.8 50.2 75.4



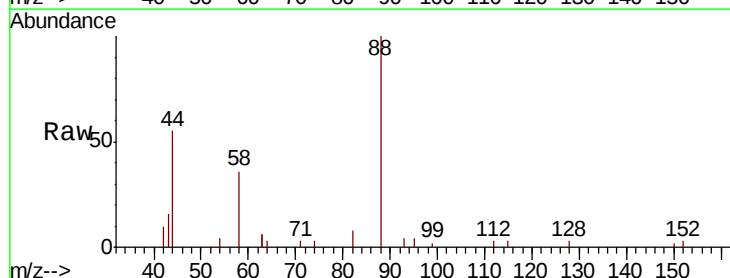
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



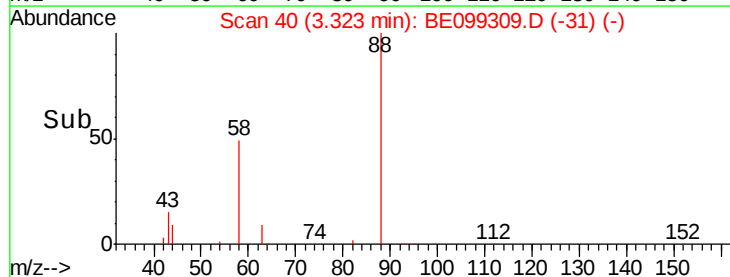
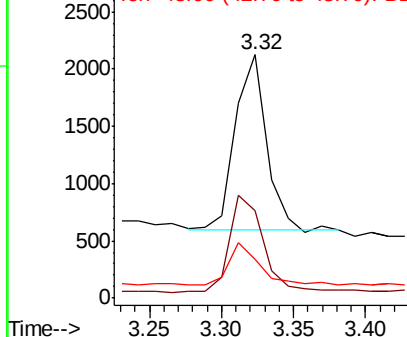
#2

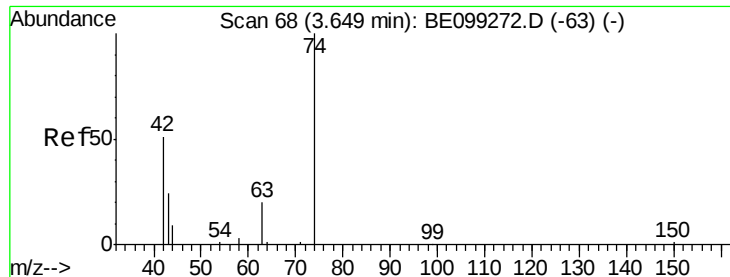
1,4-Dioxane
Concen: 0.417 ng
RT: 3.32 min Scan# 40
Delta R.T. 0.00 min
Lab File: BE099309.D
Acq: 12 Apr 2019 14:01

Tgt Ion: 88 Resp: 2290
Ion Ratio Lower Upper
88 100
58 60.0 48.0 72.0
43 23.2 18.6 27.8



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: 0.351 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

Instrument :

BNA_E

ClientSampleId :

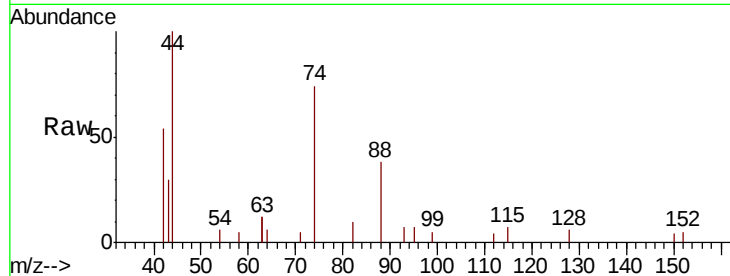
Tot Ion: 42 Resp: 1138

Ion Ratio Lower Upper

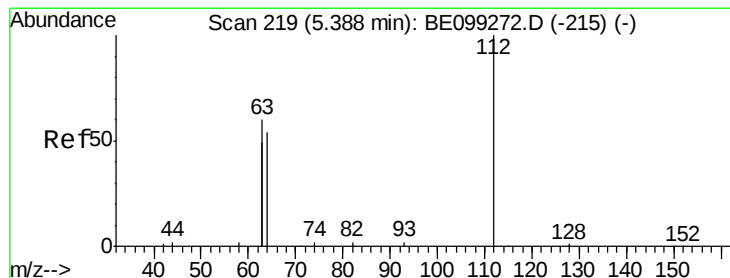
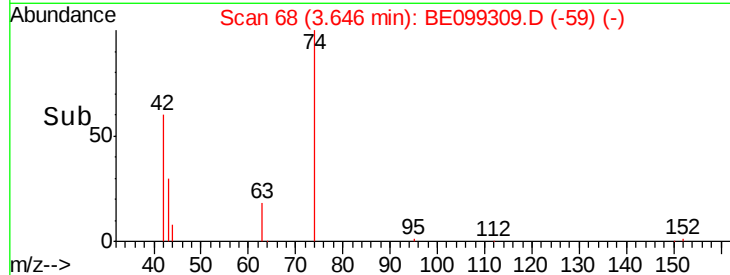
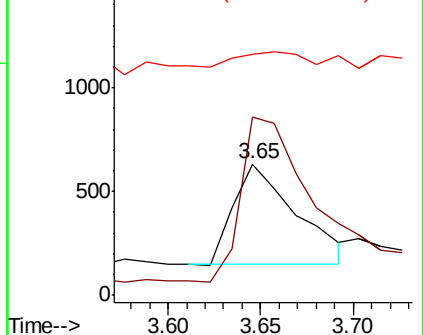
42 100

74 191.2 138.7 208.1

44 25.8 15.4 23.0#



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: 0.368 ng

RT: 5.38 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

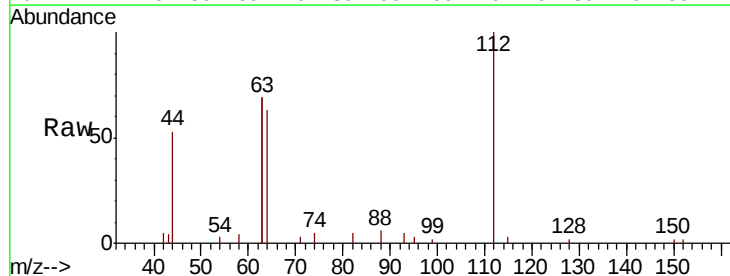
Tgt Ion: 112 Resp: 3938

Ion Ratio Lower Upper

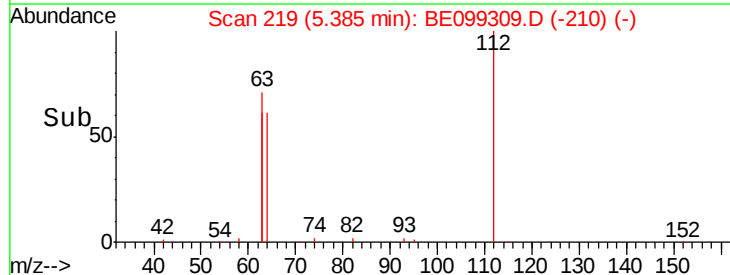
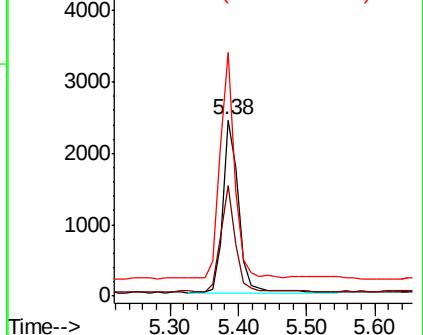
112 100

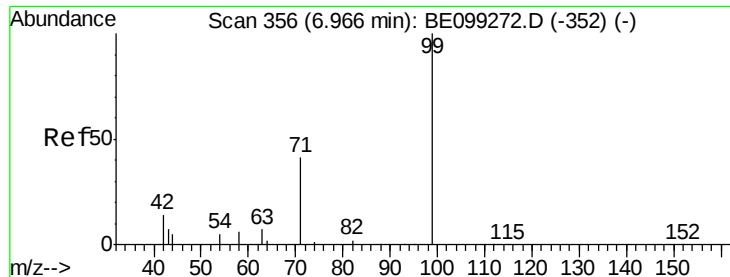
64 56.7 45.4 68.0

63 121.6 97.3 145.9



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: 0.396 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

Instrument :

BNA_E

ClientSampleId :

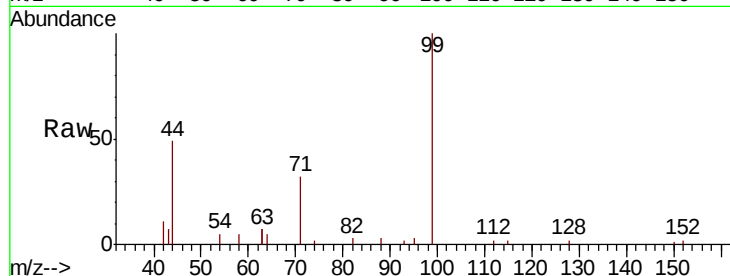
Tot Ion: 99 Resp: 5827

Ion Ratio Lower Upper

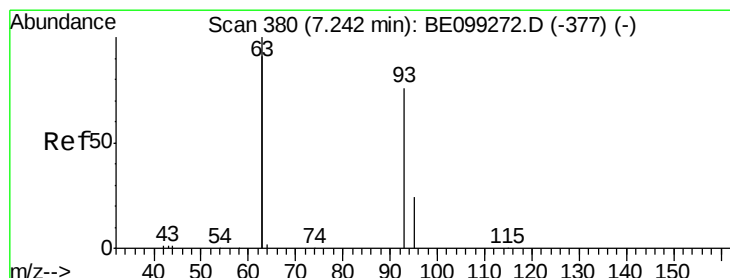
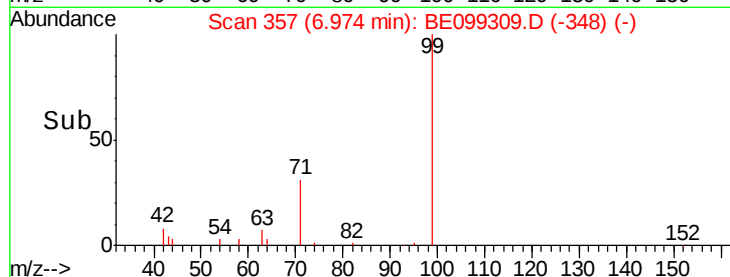
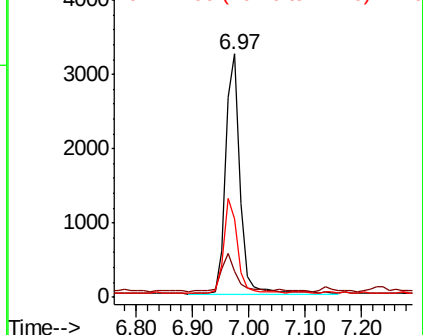
99 100

42 16.7 13.4 20.0

71 38.0 30.4 45.6



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: 0.443 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

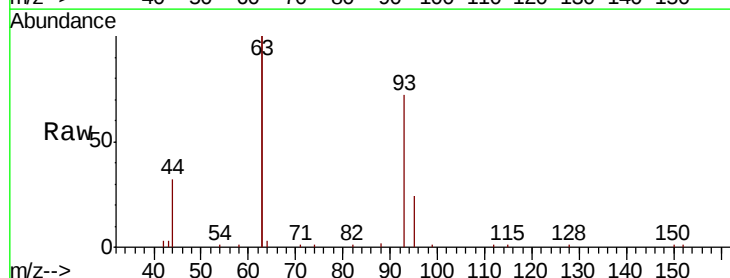
Tgt Ion: 93 Resp: 5851

Ion Ratio Lower Upper

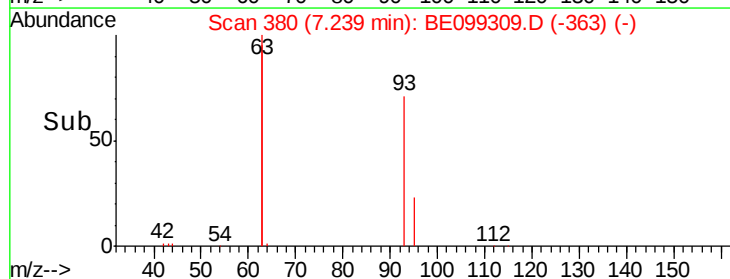
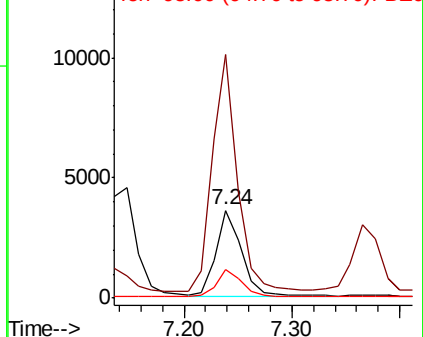
93 100

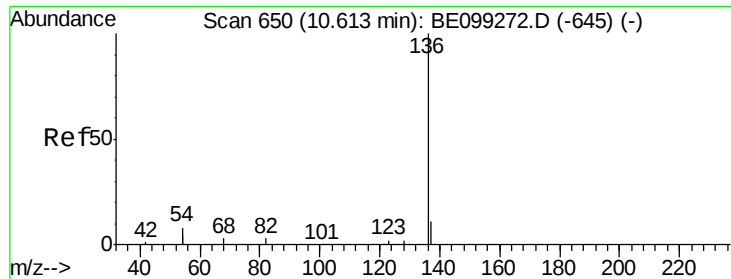
63 271.3 217.0 325.6

95 32.1 25.7 38.5



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 15596

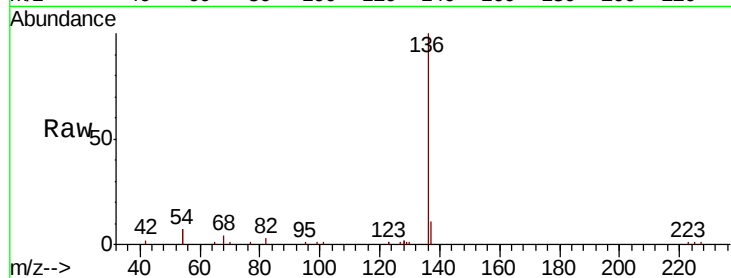
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 14.2 11.4 17.0

68 4.0 3.2 4.8

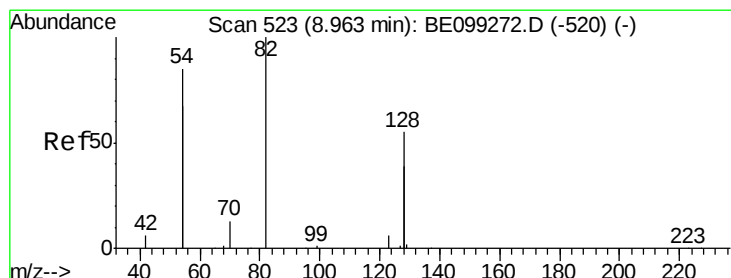
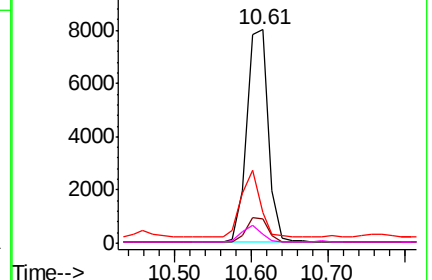
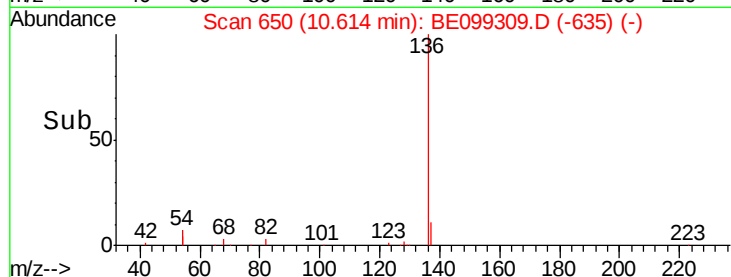


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.392 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

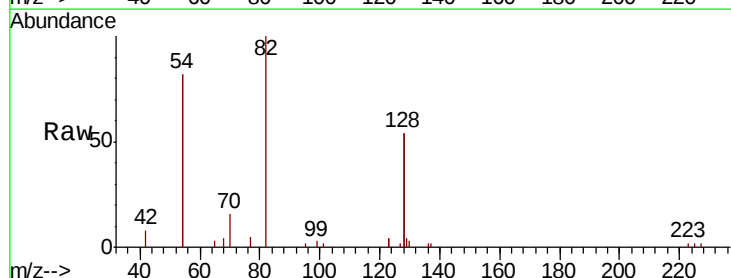
Tgt Ion: 82 Resp: 4201

Ion Ratio Lower Upper

82 100

128 108.3 86.6 130.0

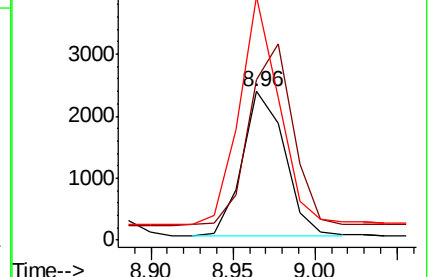
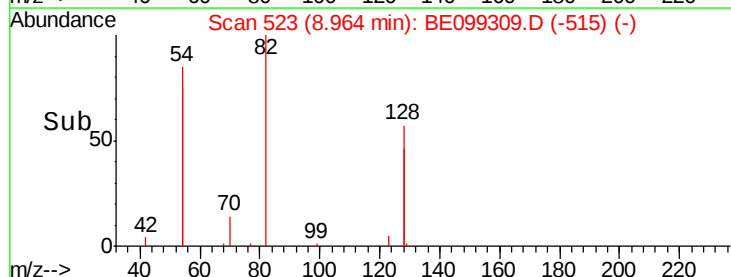
54 163.9 131.1 196.7

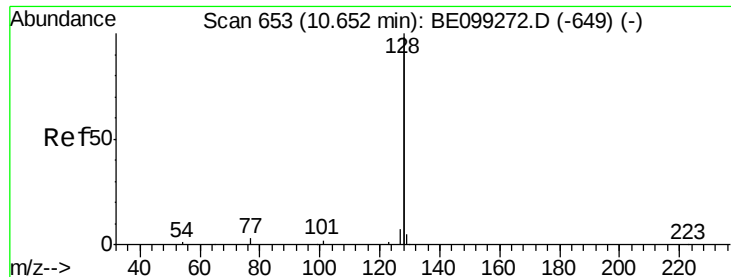


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.424 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

Instrument :

BNA_E

ClientSampleId :

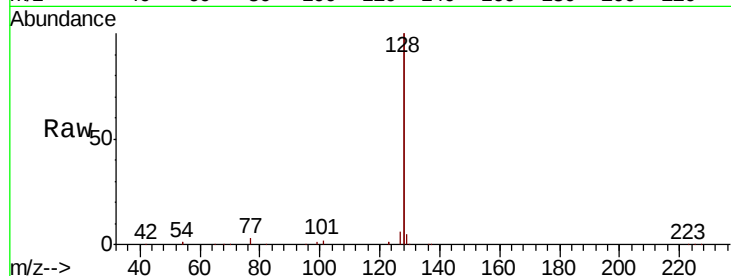
Tot Ion:128 Resp: 71864

Ion Ratio Lower Upper

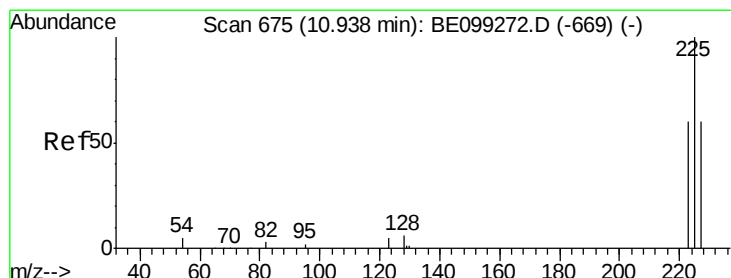
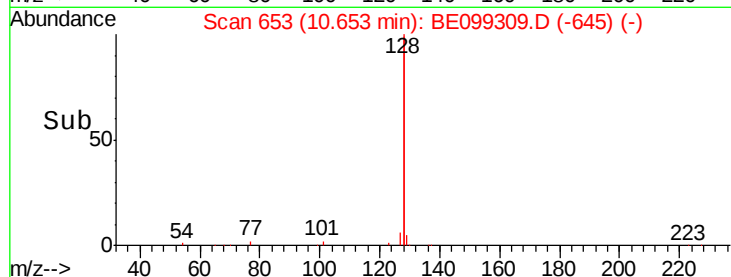
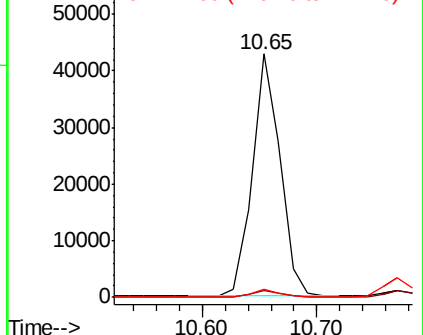
128 100

129 2.7 2.2 3.2

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: 0.416 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

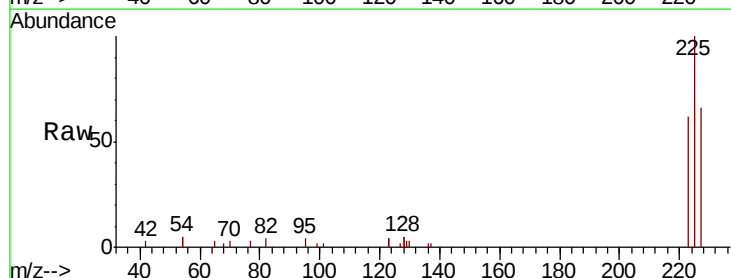
Tgt Ion:225 Resp: 4590

Ion Ratio Lower Upper

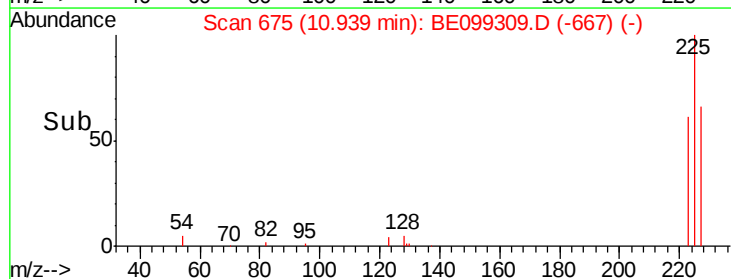
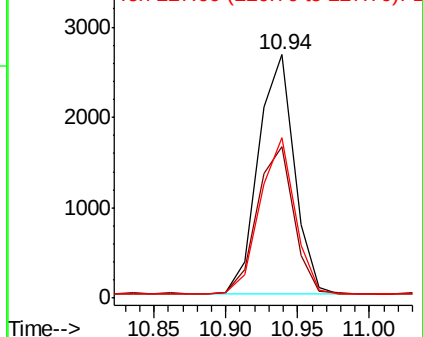
225 100

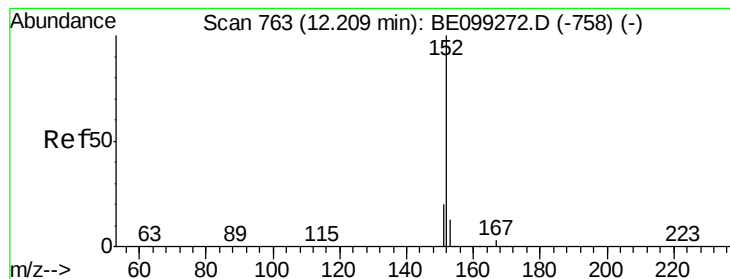
223 63.2 50.6 75.8

227 64.3 51.4 77.2



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

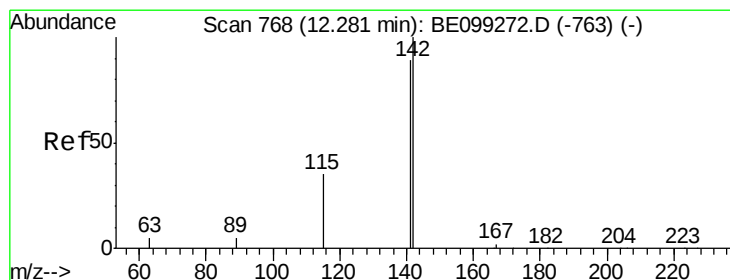
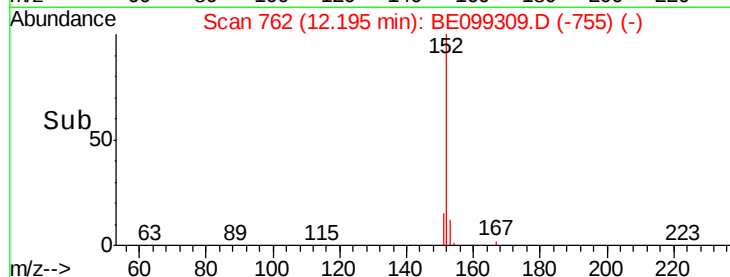
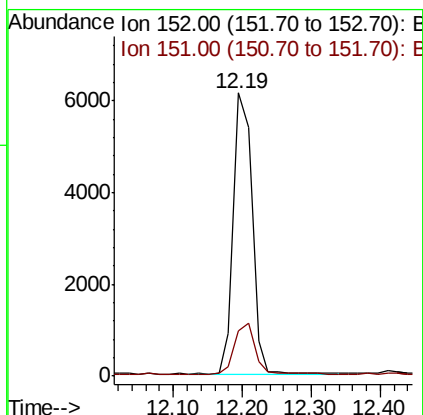
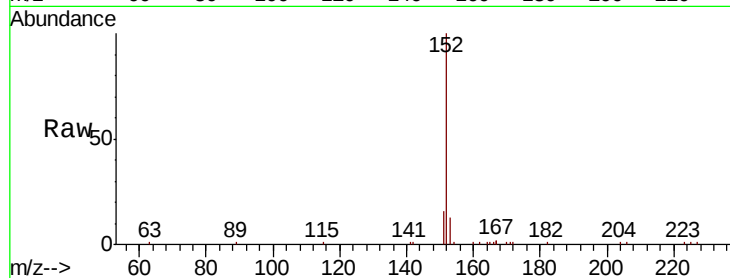




#11
 2-Methylnaphthalene-d10
 Concen: 0.422 ng
 RT: 12.19 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE099309.D
 Acq: 12 Apr 2019 14:01

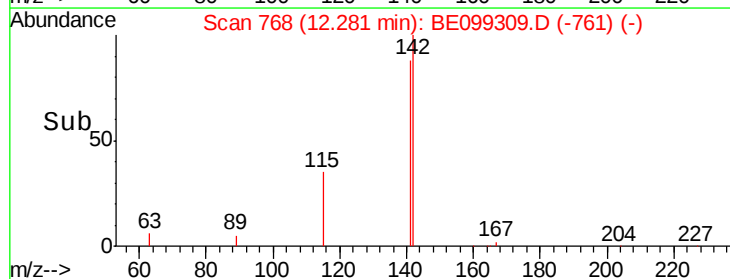
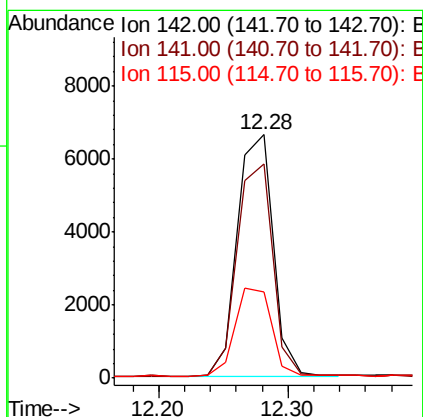
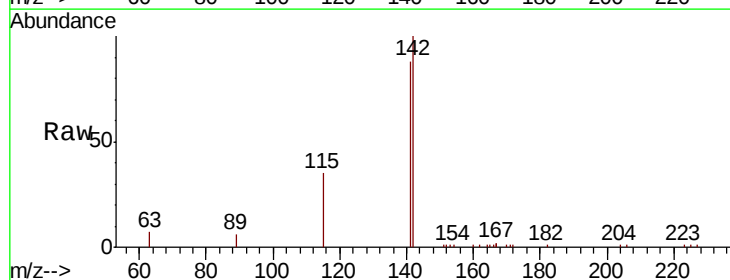
Instrument :
 BNA_E
 ClientSampleId :

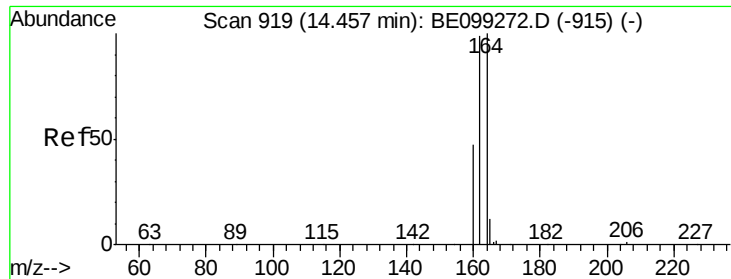
Tot Ion:152 Resp: 11492
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.438 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE099309.D
 Acq: 12 Apr 2019 14:01

Tgt Ion:142 Resp: 12645
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.4 105.6
 115 35.3 28.2 42.4

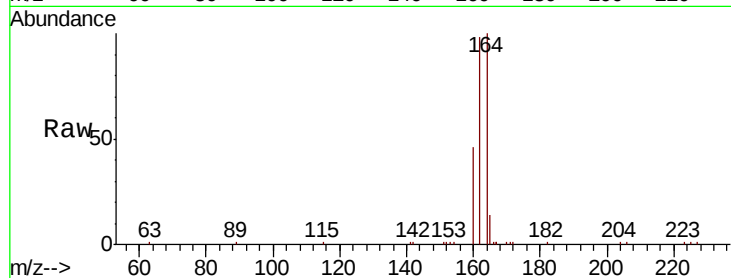




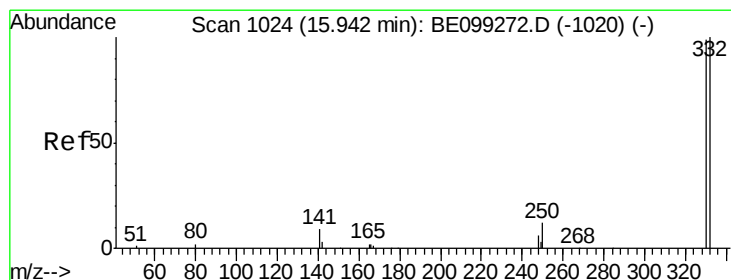
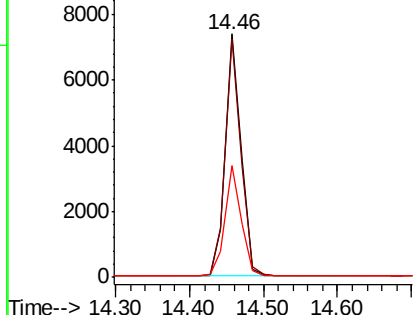
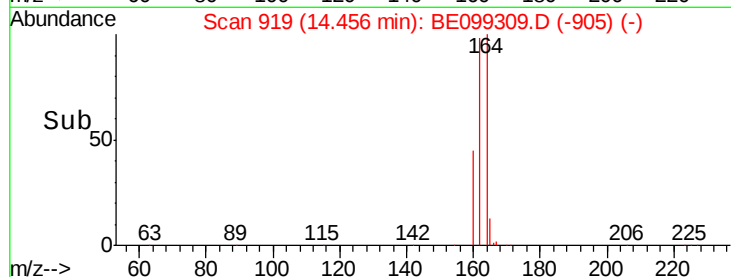
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE099309.D
 Acq: 12 Apr 2019 14:01

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 10820
 Ion Ratio Lower Upper
 164 100
 162 97.9 78.3 117.5
 160 45.7 36.6 54.8

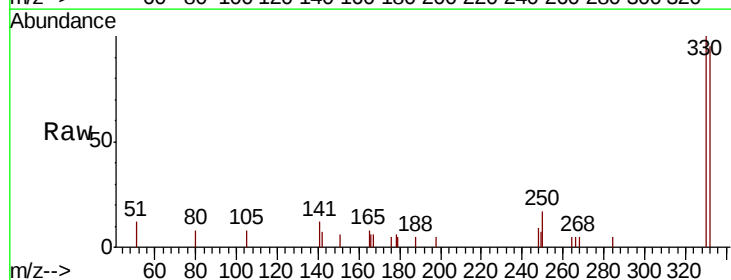


Abundance Ion 164.00 (163.70 to 164.70): E
 10000
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

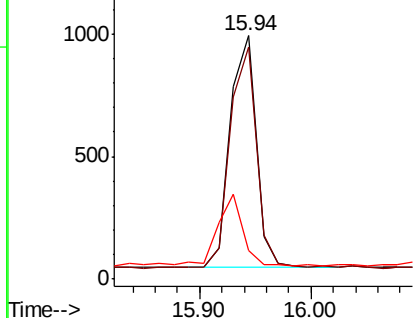
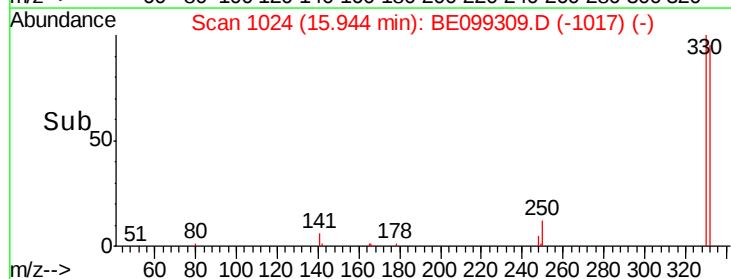


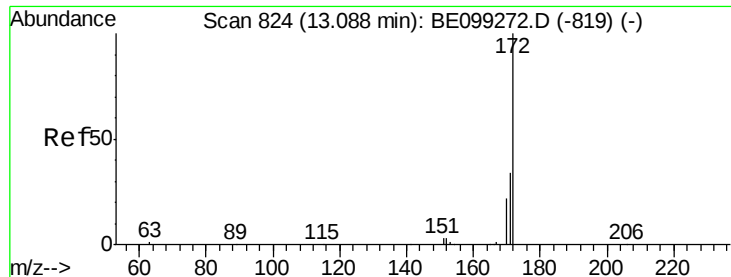
#14
 2,4,6-Tribromophenol
 Concen: 0.311 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE099309.D
 Acq: 12 Apr 2019 14:01

Tgt Ion:330 Resp: 1552
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 30.2 25.0 37.4



Abundance Ion 330.00 (329.70 to 330.70): E
 1000
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

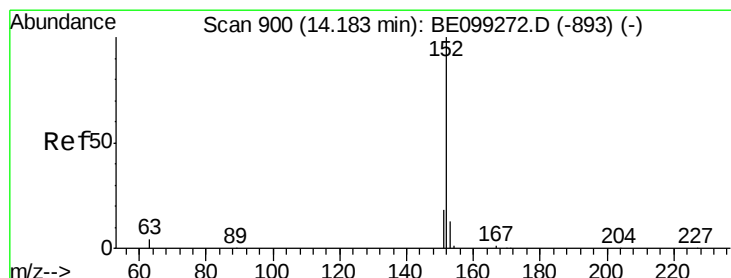
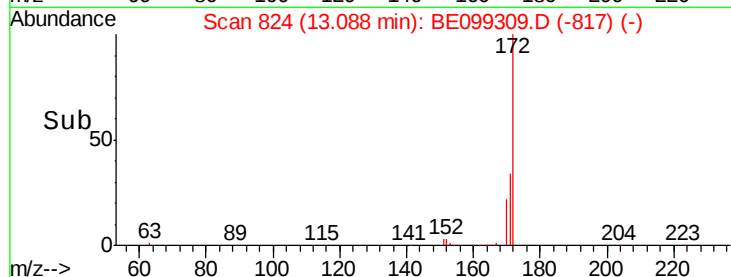
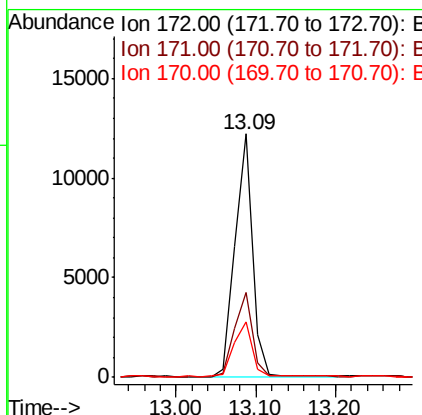
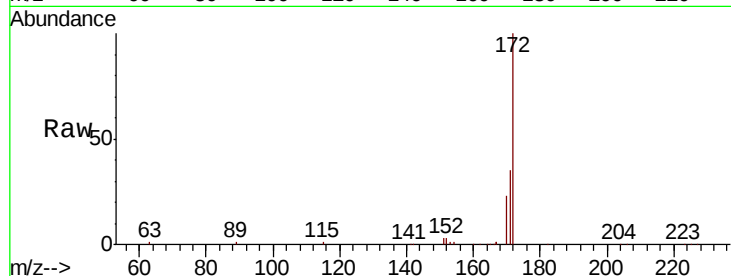




#15
2-Fluorobiphenyl
Concen: 0.434 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099309.D
Acq: 12 Apr 2019 14:01

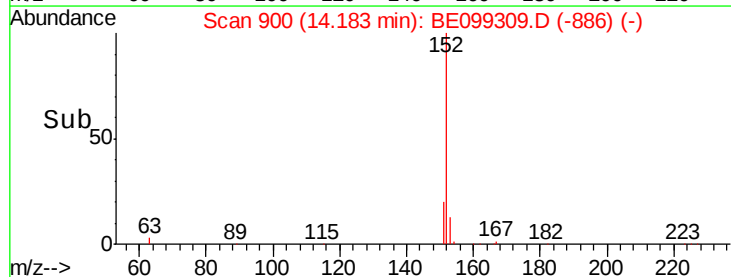
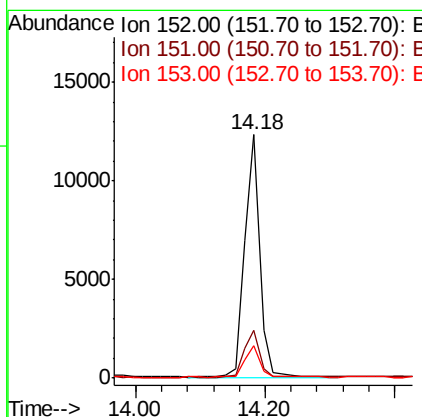
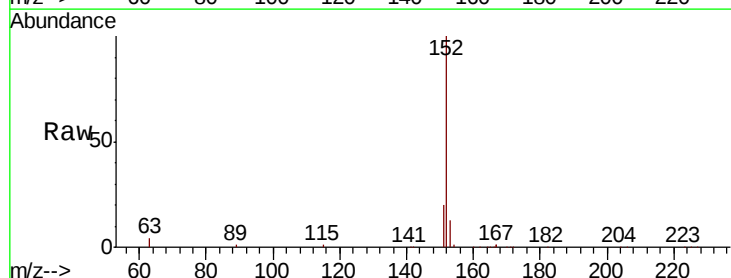
Instrument :
BNA_E
ClientSampleId :

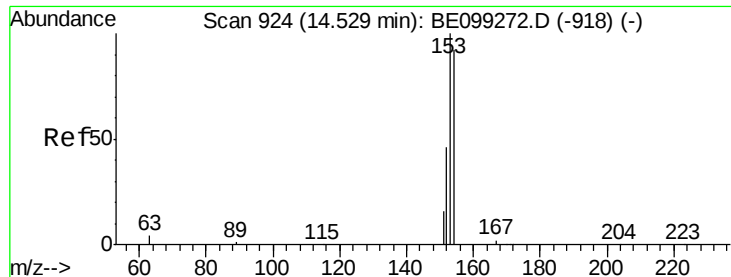
Tot Ion:172 Resp: 18467
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 22.7 18.2 27.2



#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099309.D
Acq: 12 Apr 2019 14:01

Tgt Ion:152 Resp: 19745
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.0 10.4 15.6

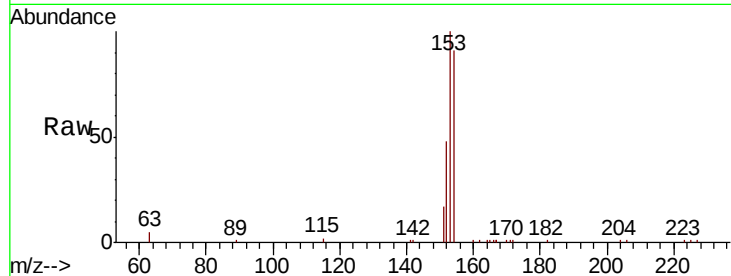




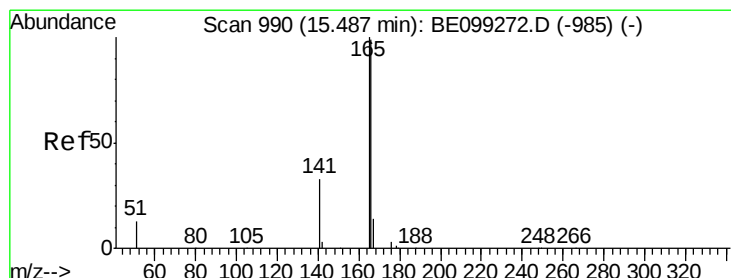
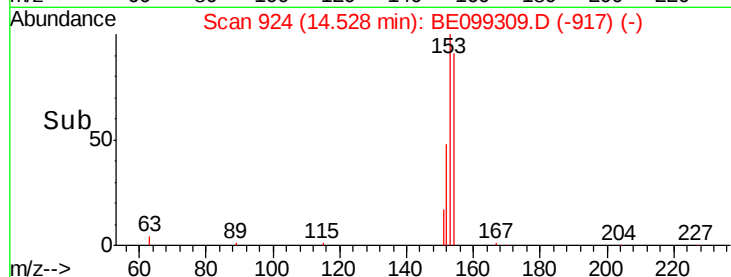
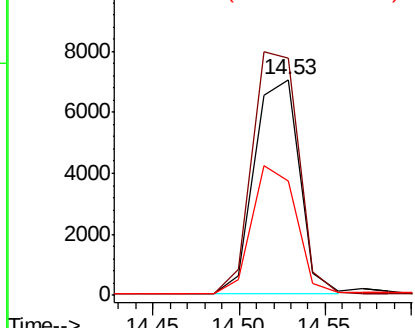
#17
Acenaphthene
Concen: 0.423 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099309.D
Acq: 12 Apr 2019 14:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 12795
Ion Ratio Lower Upper
154 100
153 116.2 92.3 138.5
152 58.4 46.3 69.5

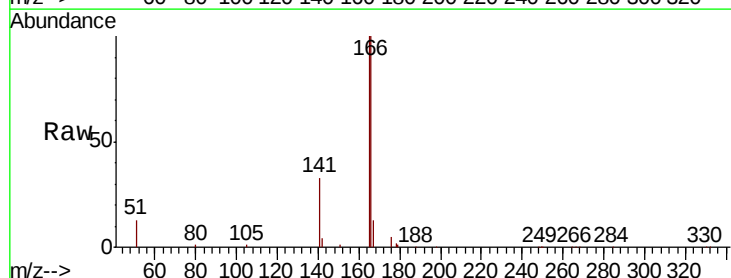


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

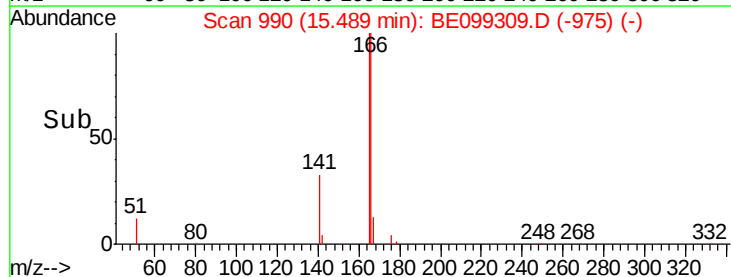
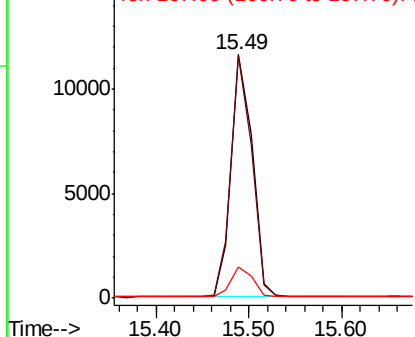


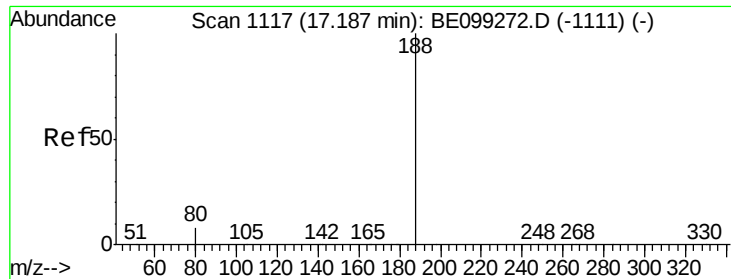
#18
Fluorene
Concen: 0.418 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099309.D
Acq: 12 Apr 2019 14:01

Tgt Ion:166 Resp: 18247
Ion Ratio Lower Upper
166 100
165 98.5 78.8 118.2
167 13.1 10.5 15.7



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: BE099309.D

Acq: 12 Apr 2019 14:01

Instrument :

BNA_E

ClientSampleId :

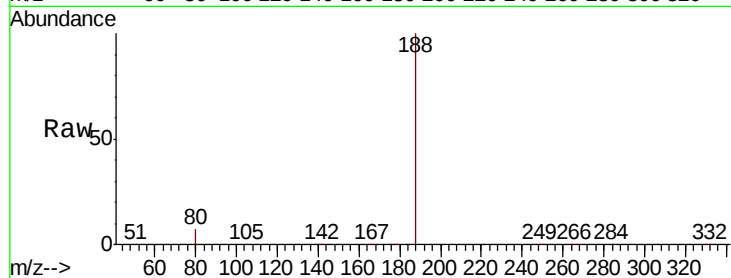
Tot Ion:188 Resp: 33097

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

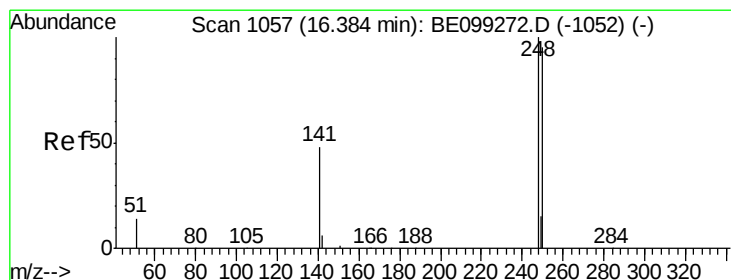
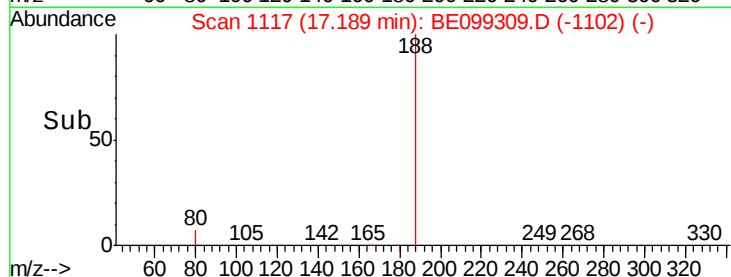
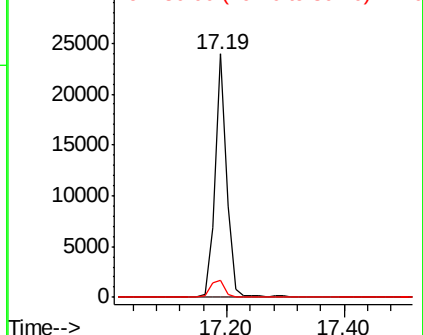
80 7.1 5.7 8.5



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: 0.392 ng

RT: 16.39 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

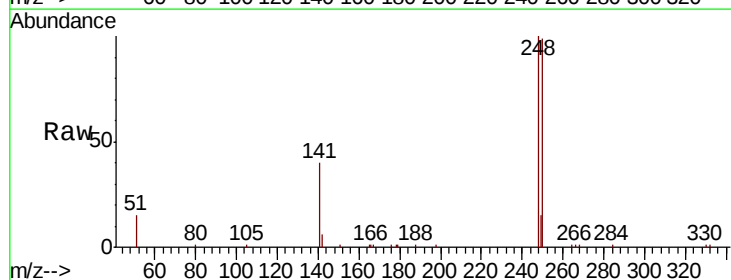
Tgt Ion:248 Resp: 7370

Ion Ratio Lower Upper

248 100

250 98.7 79.0 118.4

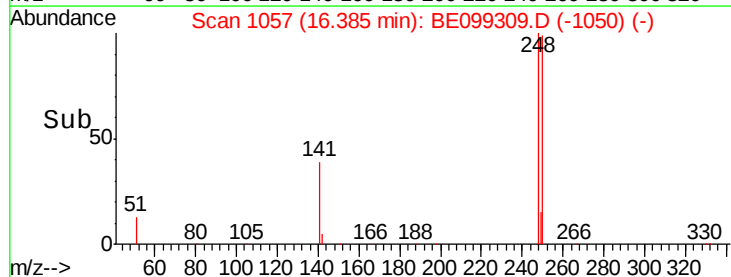
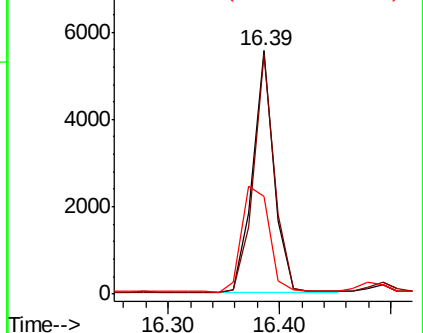
141 40.1 32.1 48.1

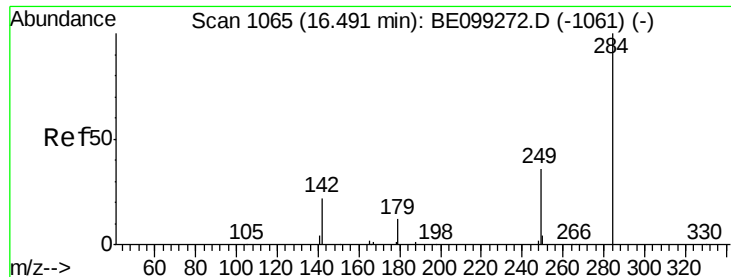


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.397 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

Instrument :

BNA_E

ClientSampleId :

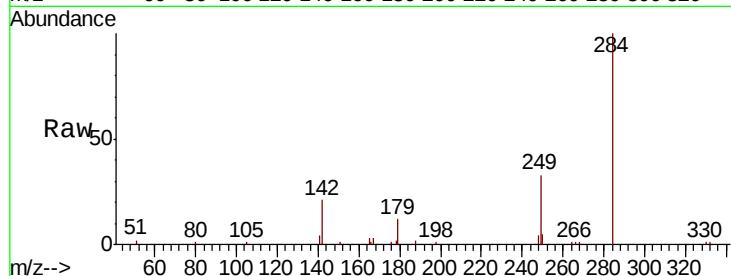
Tot Ion:284 Resp: 7092

Ion Ratio Lower Upper

284 100

142 29.0 23.2 34.8

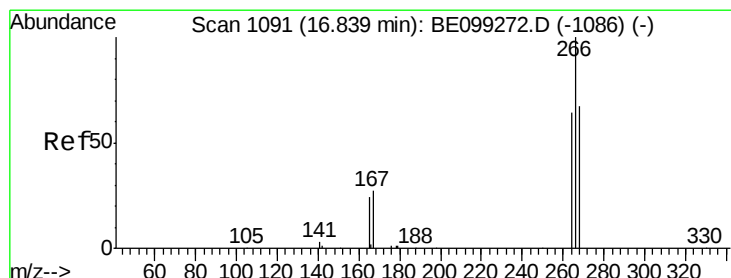
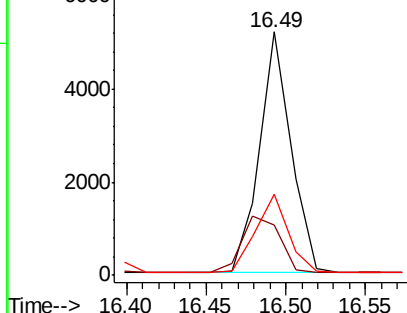
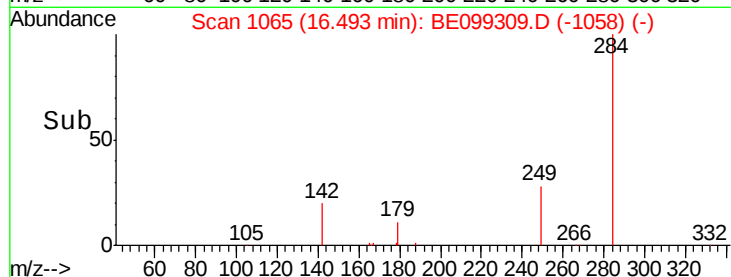
249 33.7 27.0 40.4



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: 0.395 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

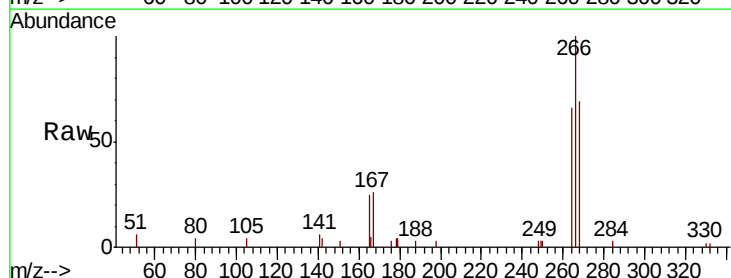
Tgt Ion:266 Resp: 2937

Ion Ratio Lower Upper

266 100

264 65.6 52.5 78.7

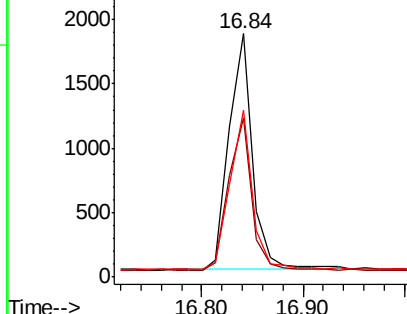
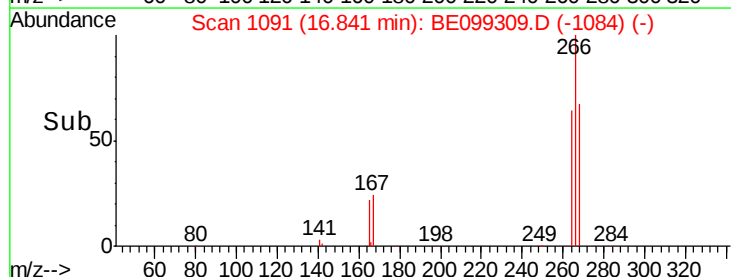
268 68.6 54.9 82.3

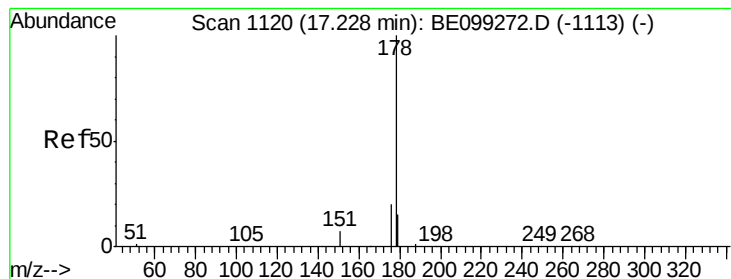


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.428 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

Instrument :

BNA_E

ClientSampleId :

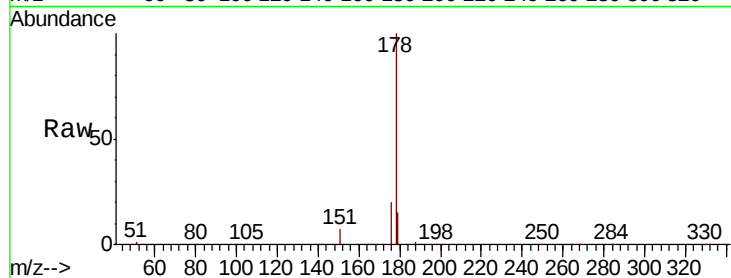
Tot Ion:178 Resp: 36669

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

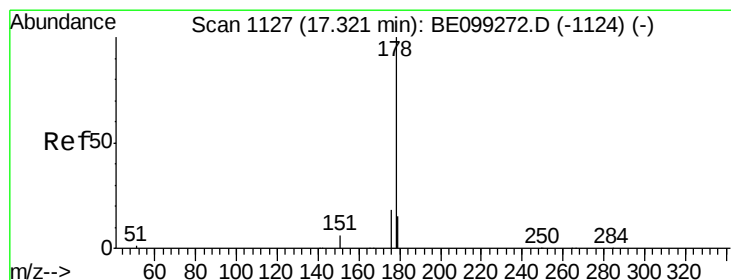
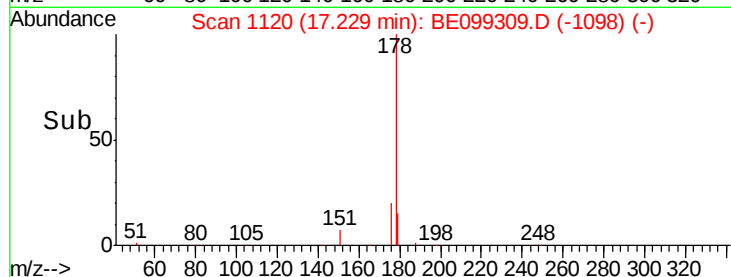
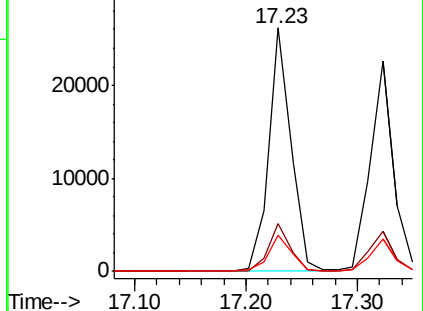
179 15.1 12.1 18.1



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: 0.402 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

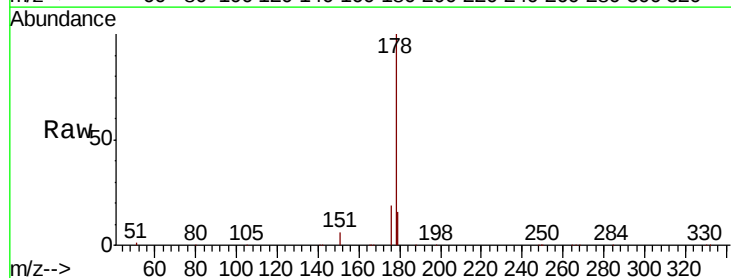
Tgt Ion:178 Resp: 32442

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

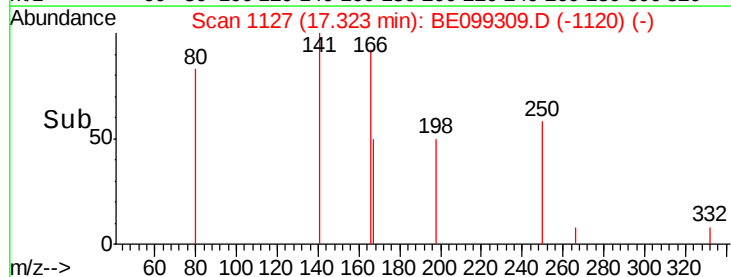
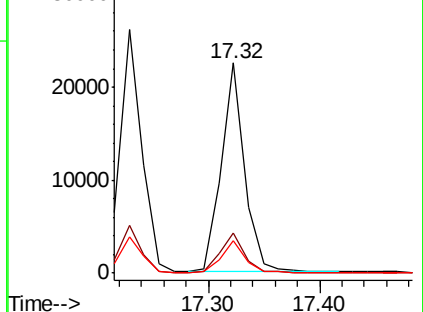
179 15.2 12.2 18.2

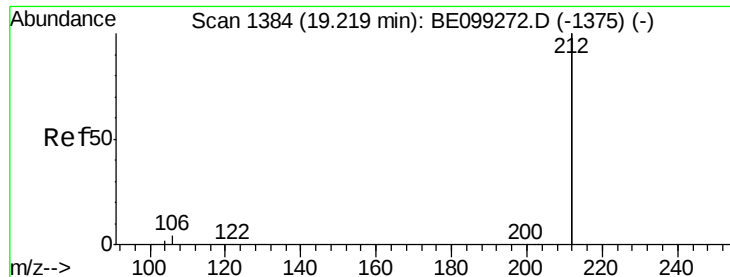


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.402 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

Instrument :

BNA_E

ClientSampleId :

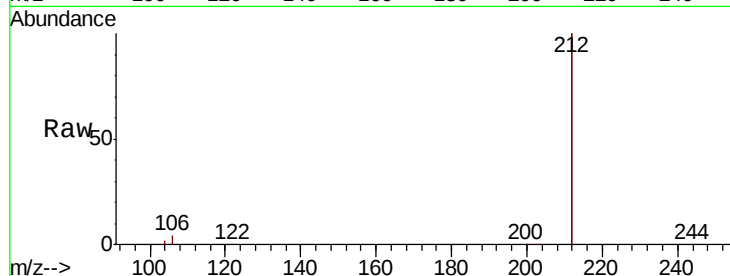
Tot Ion:212 Resp: 175506

Ion Ratio Lower Upper

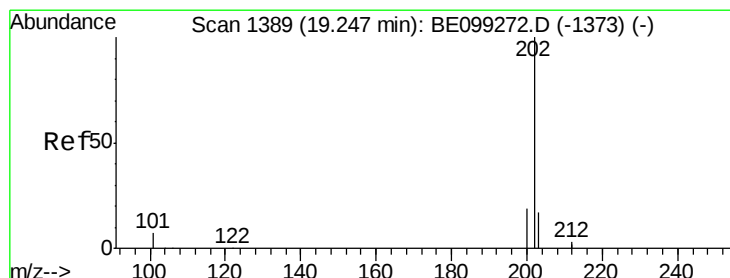
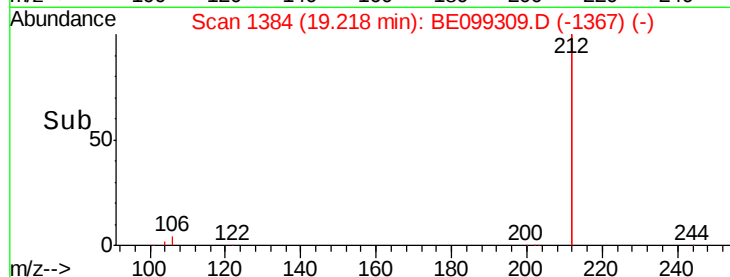
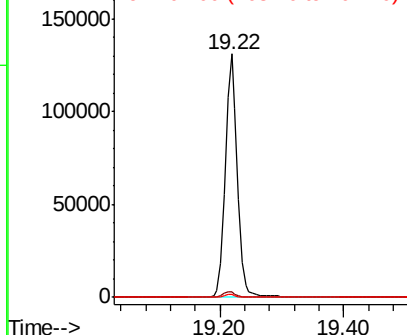
212 100

106 2.2 1.8 2.6

104 1.3 1.0 1.6



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: 0.413 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

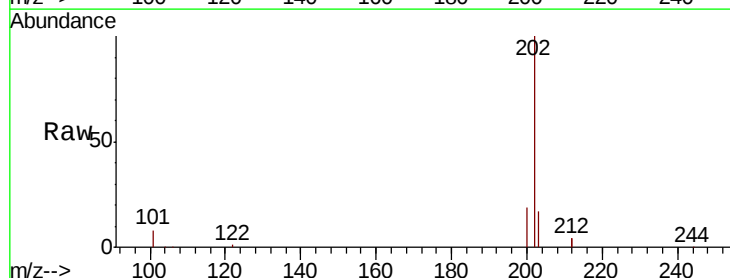
Tgt Ion:202 Resp: 52218

Ion Ratio Lower Upper

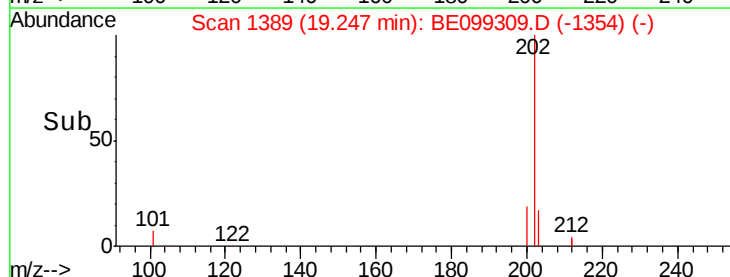
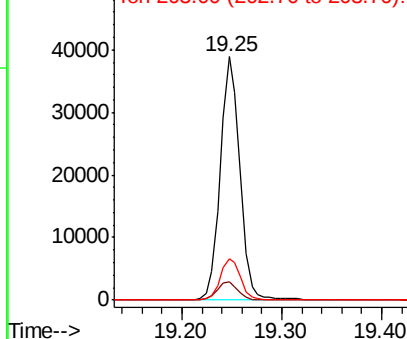
202 100

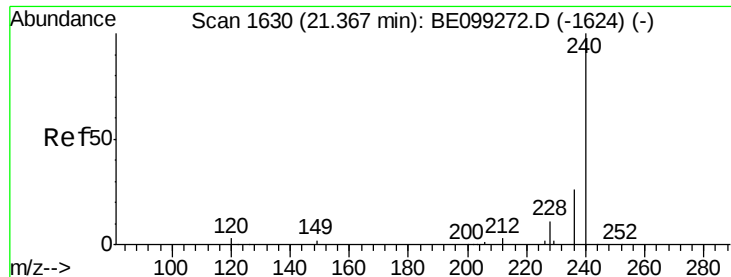
101 8.0 6.4 9.6

203 17.2 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. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

Instrument :

BNA_E

ClientSampleId :

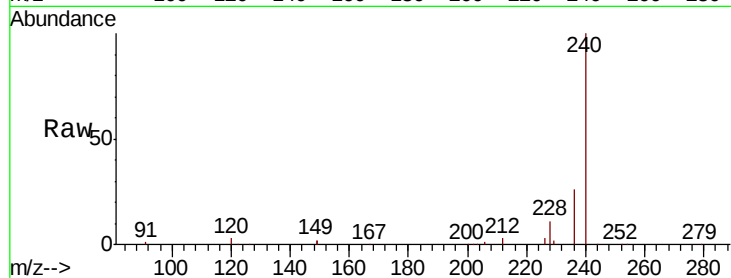
Tot Ion:240 Resp: 45442

Ion Ratio Lower Upper

240 100

120 3.0 2.4 3.6

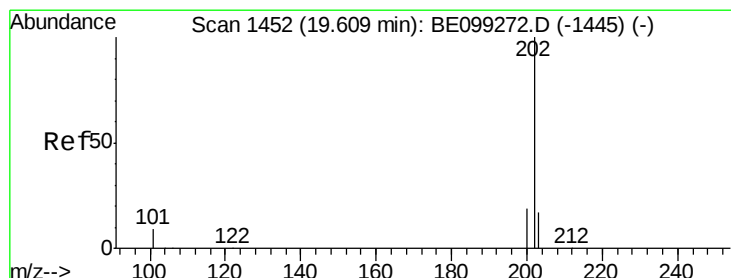
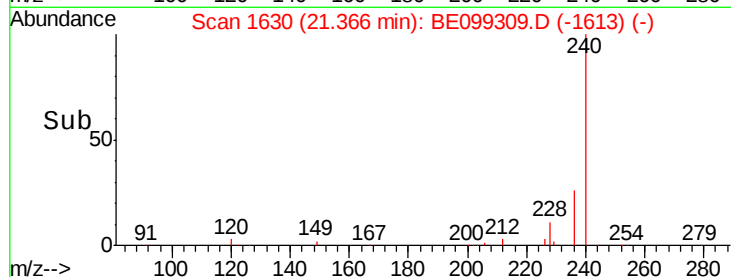
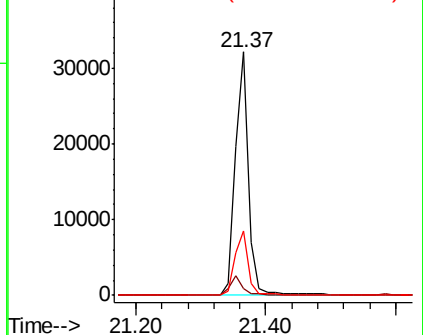
236 26.2 21.0 31.4



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: 0.447 ng

RT: 19.61 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

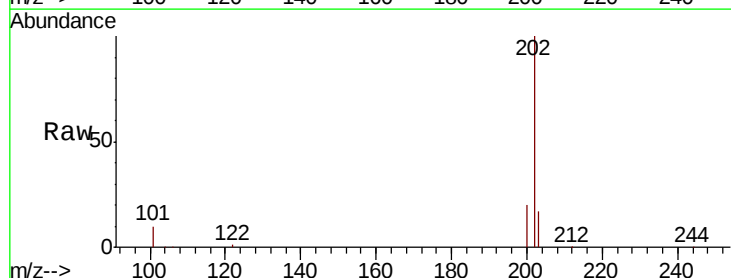
Tgt Ion:202 Resp: 53650

Ion Ratio Lower Upper

202 100

200 19.6 15.7 23.5

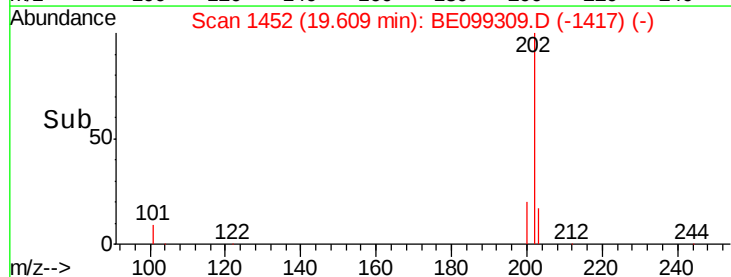
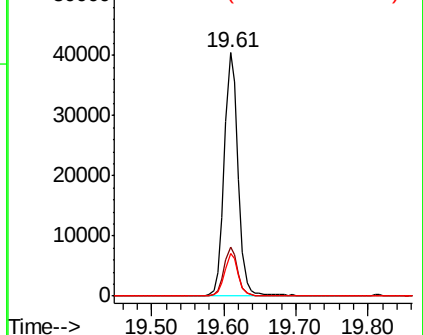
203 17.1 13.7 20.5

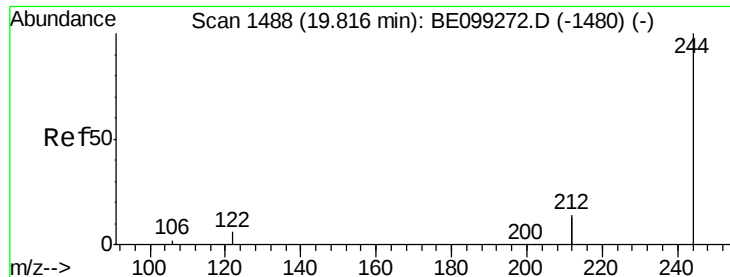


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.435 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

Instrument :

BNA_E

ClientSampleId :

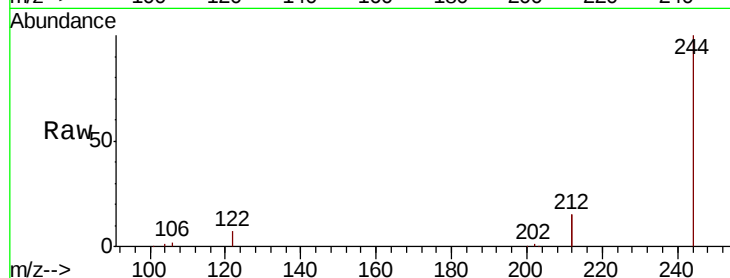
Tot Ion:244 Resp: 36041

Ion Ratio Lower Upper

244 100

212 30.0 24.0 36.0

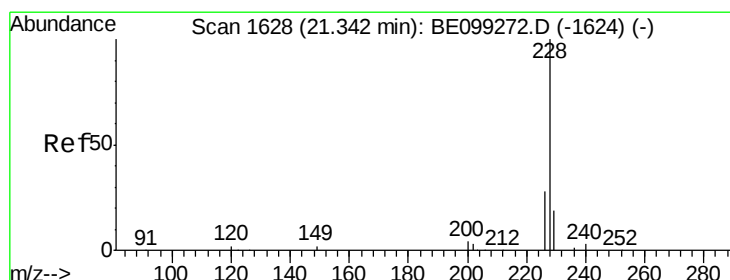
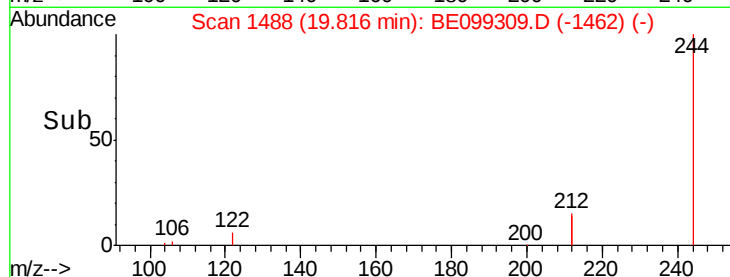
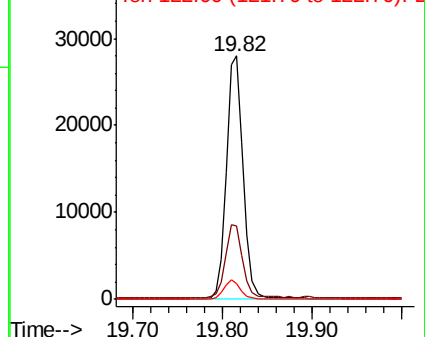
122 6.5 5.2 7.8



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: 0.401 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

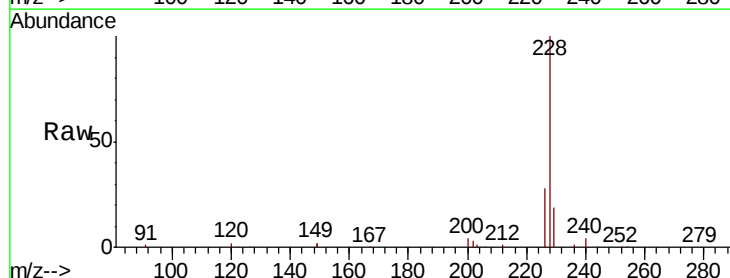
Tgt Ion:228 Resp: 57409

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

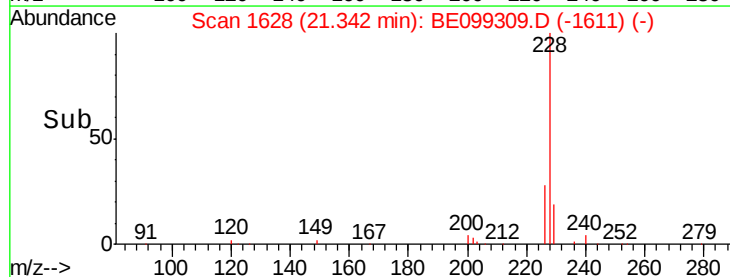
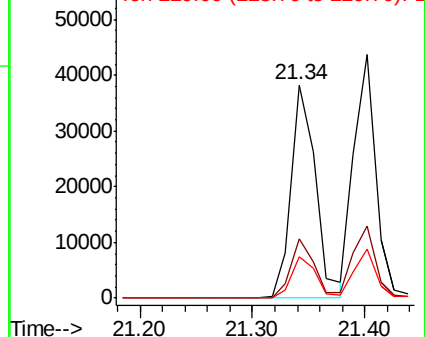
229 19.5 15.6 23.4

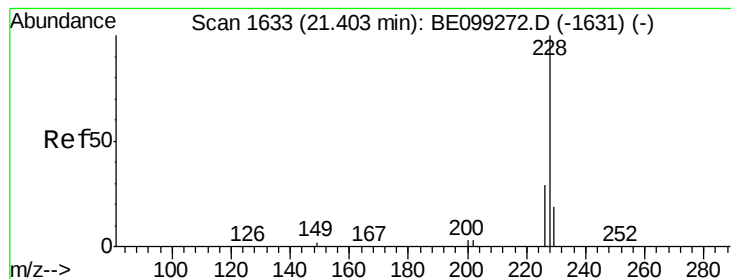


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.421 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

Instrument :

BNA_E

ClientSampleId :

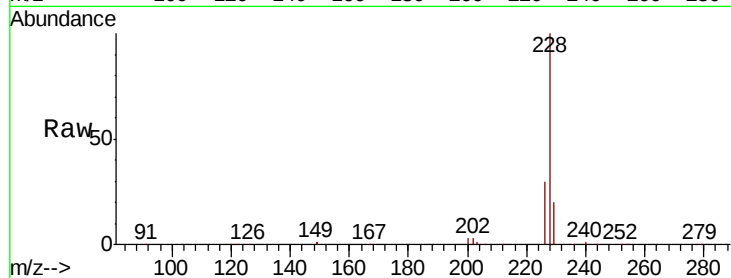
Tot Ion:228 Resp: 59039

Ion Ratio Lower Upper

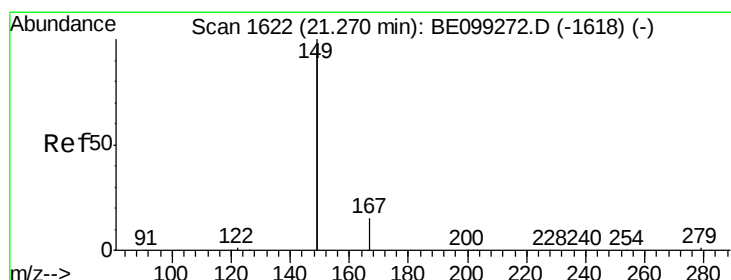
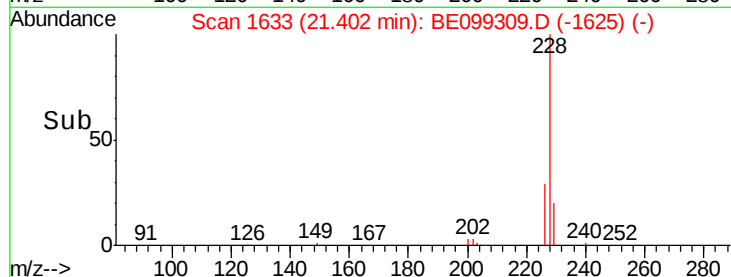
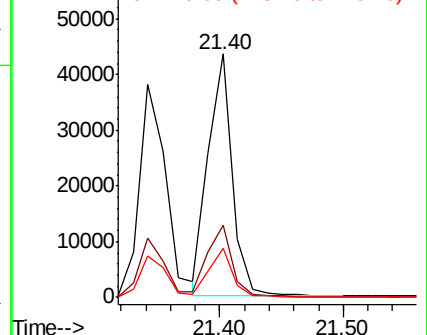
228 100

226 29.5 23.6 35.4

229 20.0 16.0 24.0



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: 0.267 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

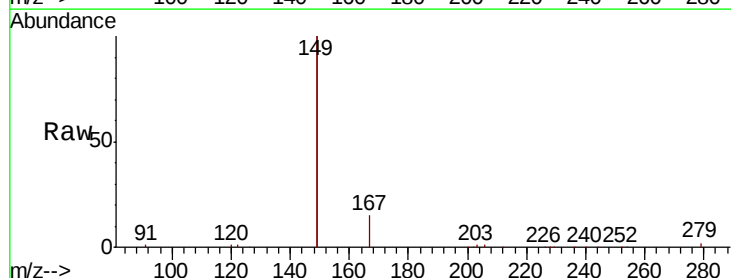
Tgt Ion:149 Resp: 48616

Ion Ratio Lower Upper

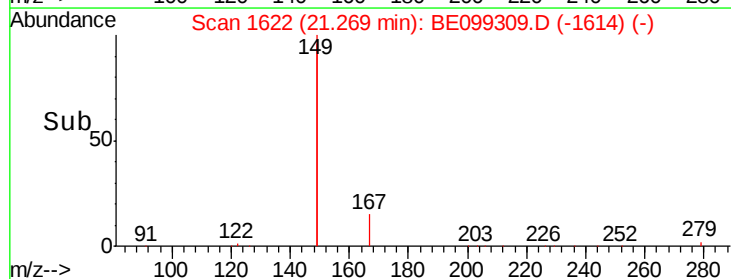
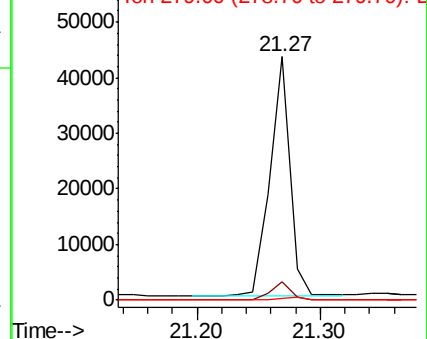
149 100

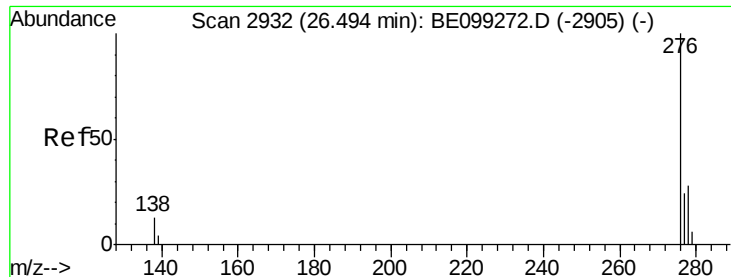
167 7.6 6.1 9.1

279 1.2 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

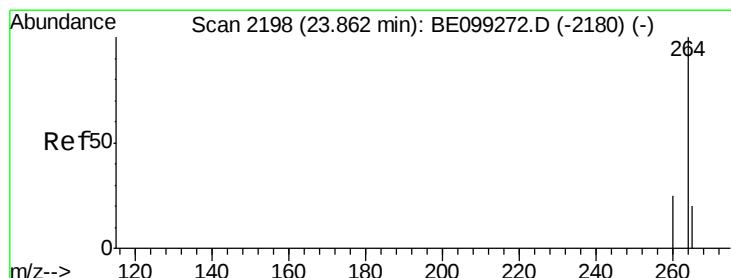
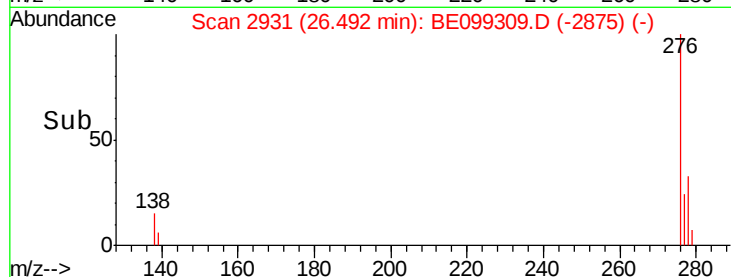
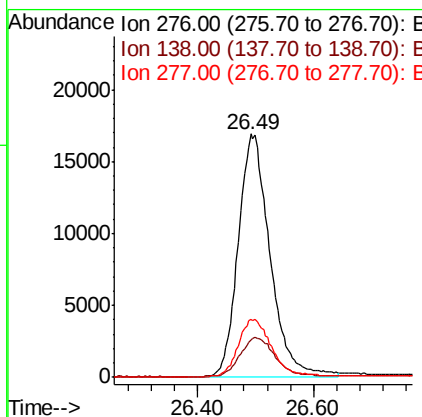
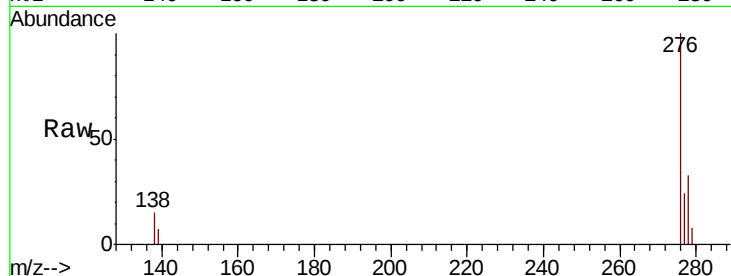




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng
RT: 26.49 min Scan# 2931
Delta R.T. 0.00 min
Lab File: BE099309.D
Acq: 12 Apr 2019 14:01

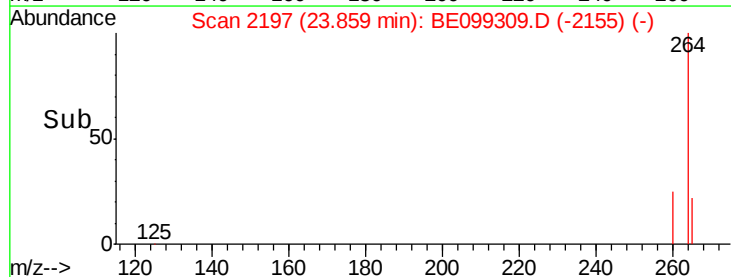
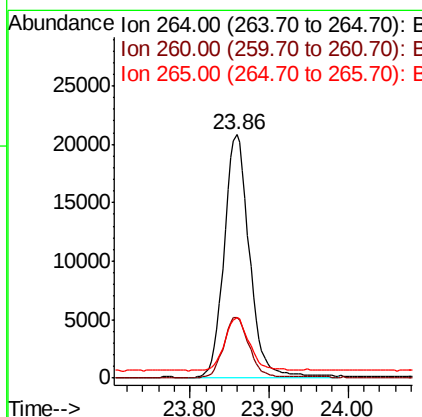
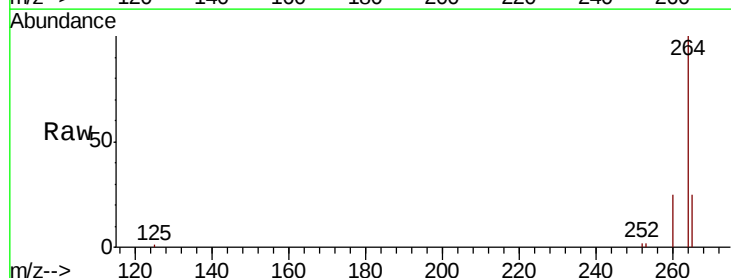
Instrument :
BNA_E
ClientSampleId :

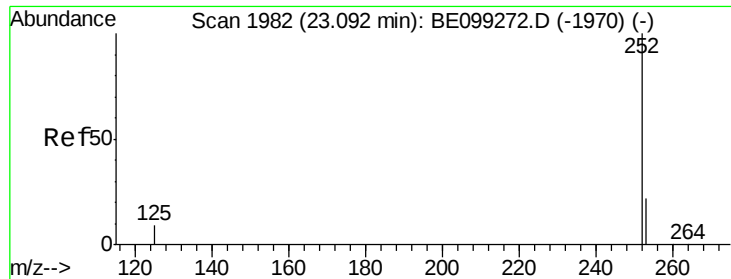
Tot Ion:276 Resp: 63967
Ion Ratio Lower Upper
276 100
138 17.6 14.1 21.1
277 24.6 19.7 29.5



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BE099309.D
Acq: 12 Apr 2019 14:01

Tgt Ion:264 Resp: 46203
Ion Ratio Lower Upper
264 100
260 24.9 19.9 29.9
265 24.7 19.8 29.6

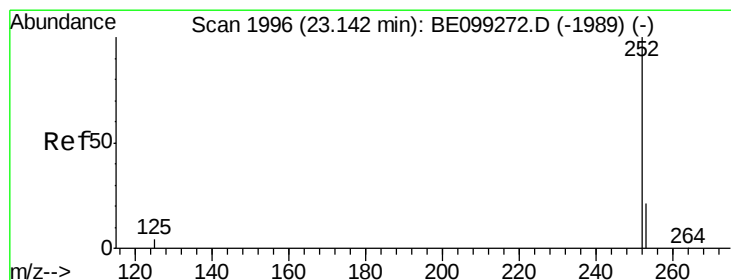
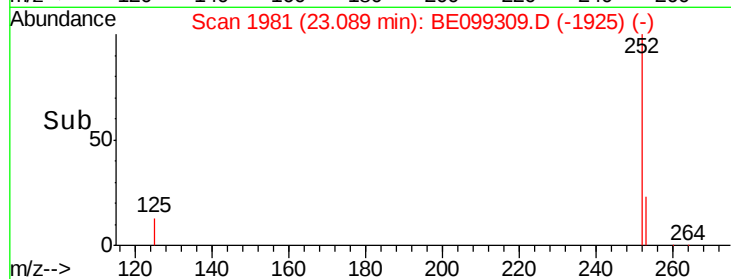
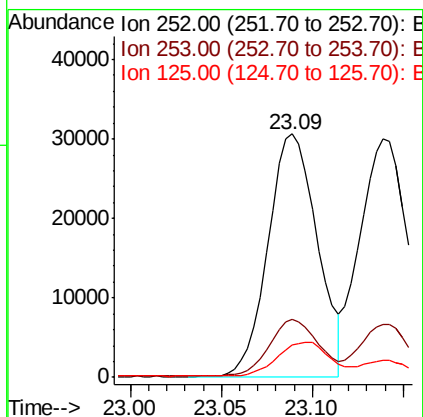
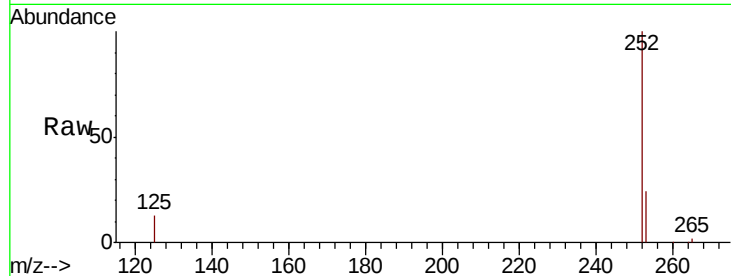




#35
Benzo(b)fluoranthene
Concen: 0.415 ng
RT: 23.09 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BE099309.D
Acq: 12 Apr 2019 14:01

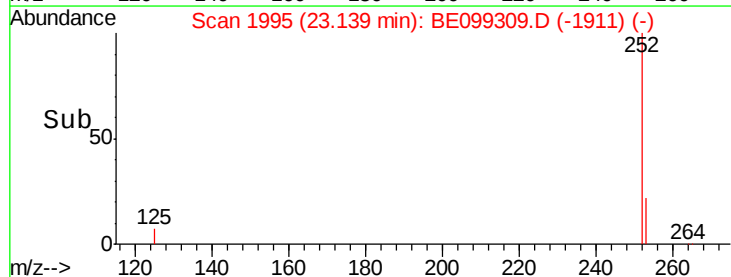
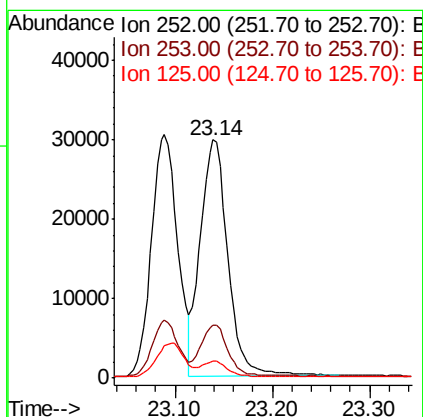
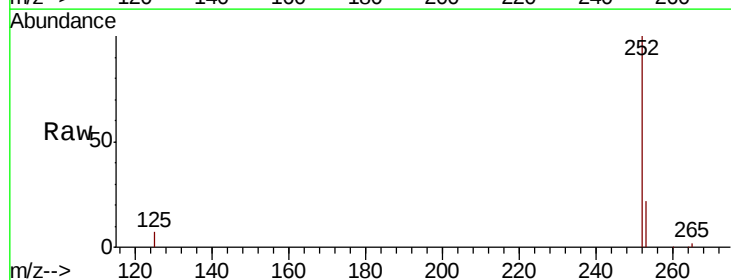
Instrument :
BNA_E
ClientSampleId :

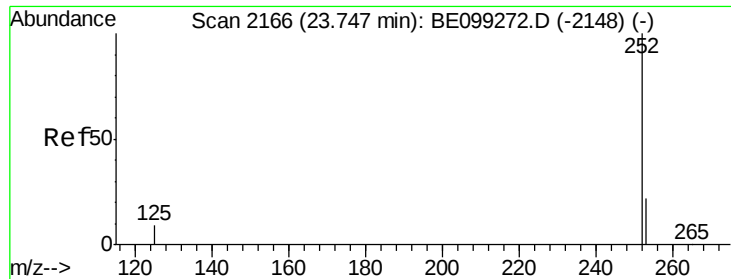
Tot Ion:252 Resp: 57232
Ion Ratio Lower Upper
252 100
253 23.8 19.0 28.6
125 13.1 10.5 15.7



#36
Benzo(k)fluoranthene
Concen: 0.435 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BE099309.D
Acq: 12 Apr 2019 14:01

Tgt Ion:252 Resp: 58299
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 7.1 5.7 8.5

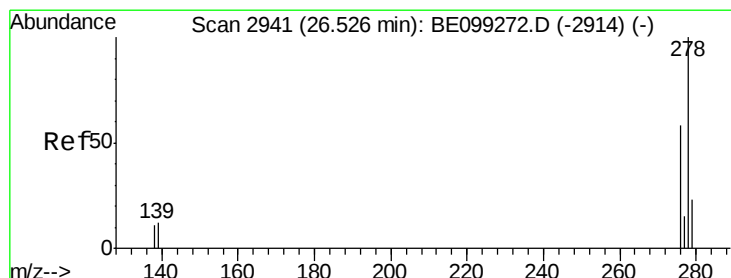
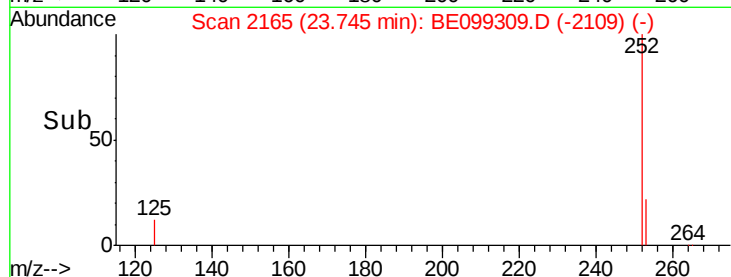
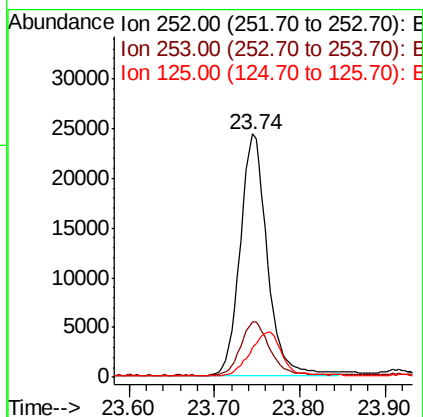
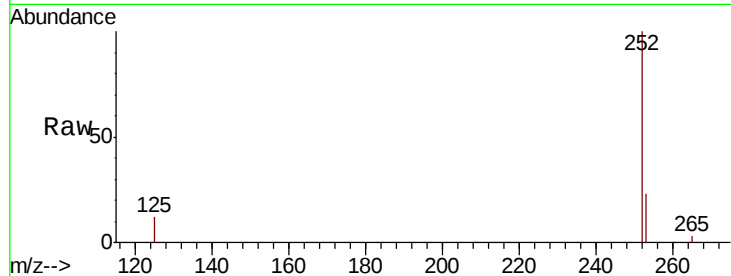




#37
Benzo(a)pyrene
Concen: 0.412 ng
RT: 23.74 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BE099309.D
Acq: 12 Apr 2019 14:01

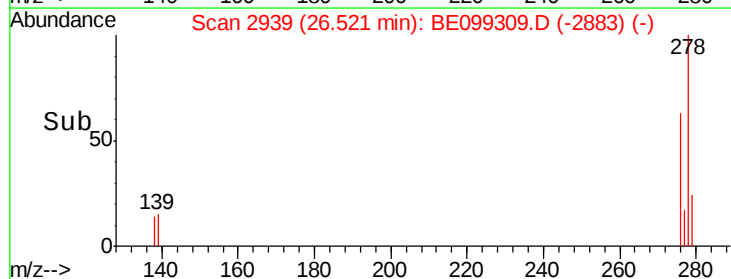
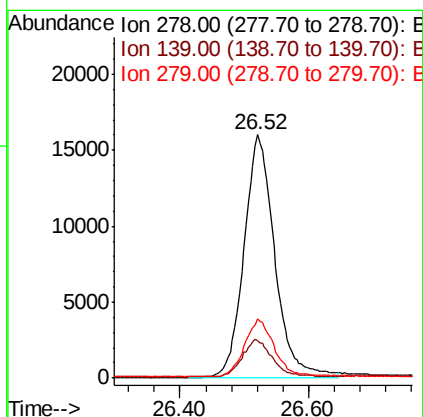
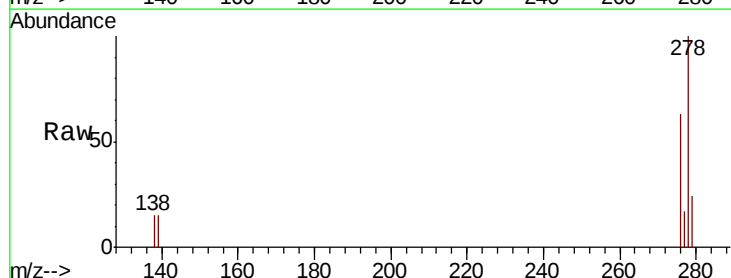
Instrument :
BNA_E
ClientSampleId :

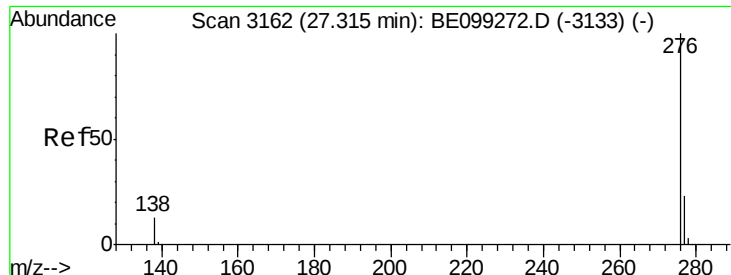
Tot Ion:252 Resp: 53455
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 12.2 9.8 14.6



#38
Dibenzo(a,h)anthracene
Concen: 0.409 ng
RT: 26.52 min Scan# 2939
Delta R.T. 0.00 min
Lab File: BE099309.D
Acq: 12 Apr 2019 14:01

Tgt Ion:278 Resp: 52746
Ion Ratio Lower Upper
278 100
139 15.2 12.2 18.2
279 24.3 19.4 29.2





#39

Benzo(a,h,i)perylene

Concen: 0.414 ng

RT: 27.31 min Scan# 3160

Delta R.T. 0.00 min

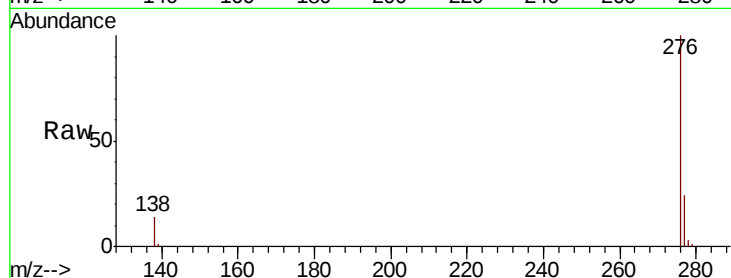
Lab File: BE099309.D

Acq: 12 Apr 2019 14:01

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 53130

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.2

138 14.3 11.4 17.2

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

