

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE040219\
 Data File : BE099272.D
 Acq On : 2 Apr 2019 13:15
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Apr 02 14:08:02 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	3270	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	12528	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	8630	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	25750	0.40	ng	0.00
27) Chrysene-d12	21.37	240	39738	0.40	ng	0.00
34) Perylene-d12	23.86	264	42895	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3631	0.37	ng	0.00
5) Phenol-d6	6.97	99	4835	0.32	ng	0.00
8) Nitrobenzene-d5	8.96	82	3302	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	8609	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1425	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	13581	0.39	ng	0.00
25) Fluoranthene-d10	19.22	212	137657	0.44	ng	0.00
29) Terphenyl-d14	19.82	244	28766	0.33	ng	0.00

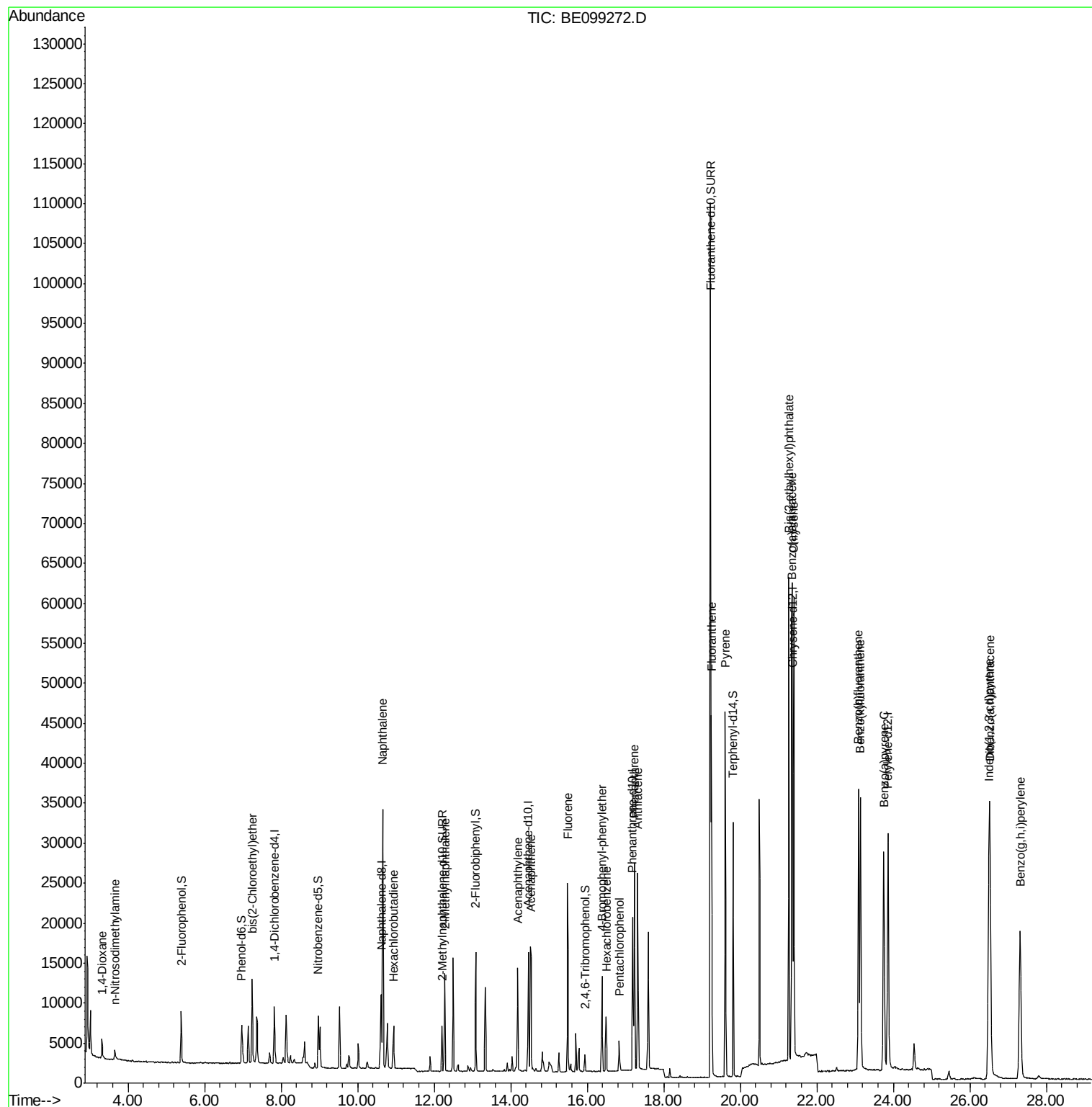
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.31	88	1777	0.412	ng	88
3) n-Nitrosodimethylamine	3.65	42	1016	0.421	ng	# 99
6) bis(2-Chloroethyl)ether	7.24	93	4288	0.366	ng	100
9) Naphthalene	10.65	128	54856	0.371	ng	100
10) Hexachlorobutadiene	10.94	225	3571	0.454	ng	100
12) 2-Methylnaphthalene	12.28	142	9195	0.348	ng	100
16) Acenaphthylene	14.18	152	15791	0.359	ng	100
17) Acenaphthene	14.53	154	9437	0.359	ng	99
18) Fluorene	15.49	166	13992	0.378	ng	100
20) 4-Bromophenyl-phenylether	16.38	248	5715	0.344	ng	100
21) Hexachlorobenzene	16.49	284	5498	0.342	ng	100
22) Pentachlorophenol	16.84	266	2016	0.953	ng	100
23) Phenanthrene	17.23	178	27002	0.357	ng	100
24) Anthracene	17.32	178	25030	0.366	ng	100
26) Fluoranthene	19.25	202	39588	0.410	ng	100
28) Pyrene	19.61	202	41185	0.312	ng	100
30) Benzo(a)anthracene	21.34	228	50121	0.382	ng	100
31) Chrysene	21.40	228	49459	0.353	ng	100
32) Bis(2-ethylhexyl)phthalate	21.27	149	61578	0.394	ng	100
33) Indeno(1,2,3-cd)pyrene	26.49	276	57700	0.435	ng	100
35) Benzo(b)fluoranthene	23.09	252	49480	0.351	ng	100
36) Benzo(k)fluoranthene	23.14	252	48675	0.326	ng	100
37) Benzo(a)pyrene	23.75	252	46631	0.354	ng	100
38) Dibenzo(a,h)anthracene	26.53	278	47026	0.402	ng	100
39) Benzo(g,h,i)perylene	27.31	276	46626	0.397	ng	100

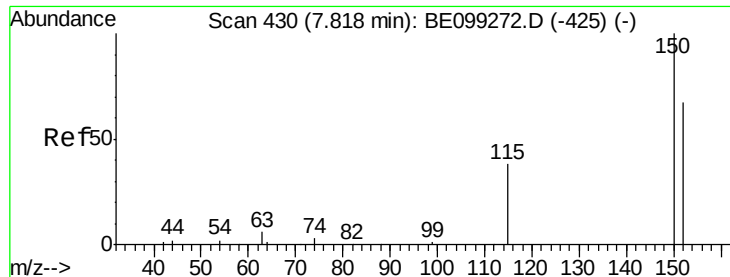
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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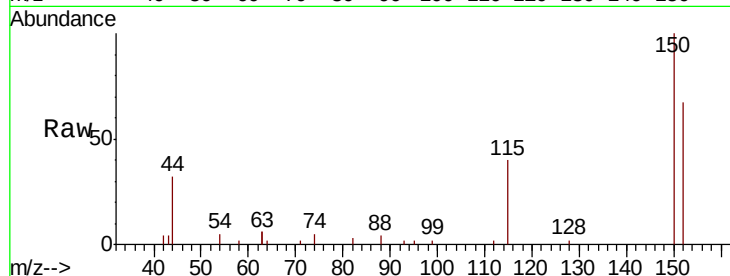


#1

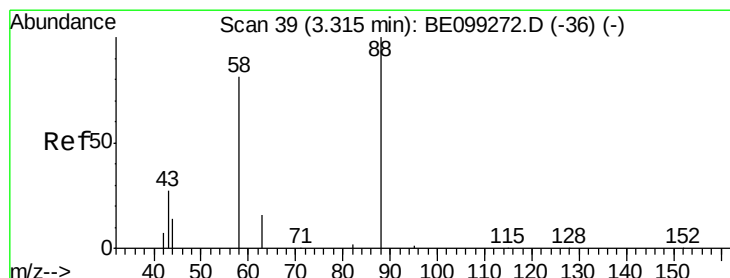
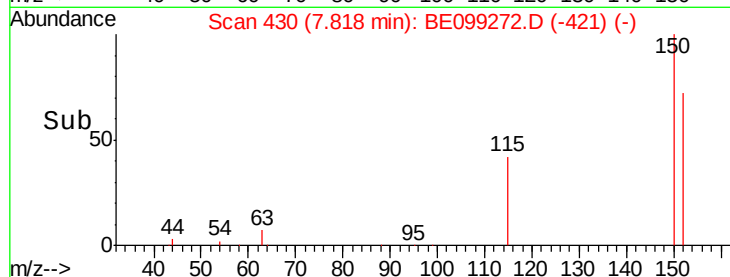
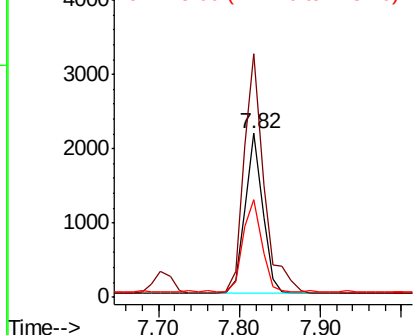
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 3270
Ion Ratio Lower Upper
152 100
150 148.3 118.6 178.0
115 59.5 47.6 71.4



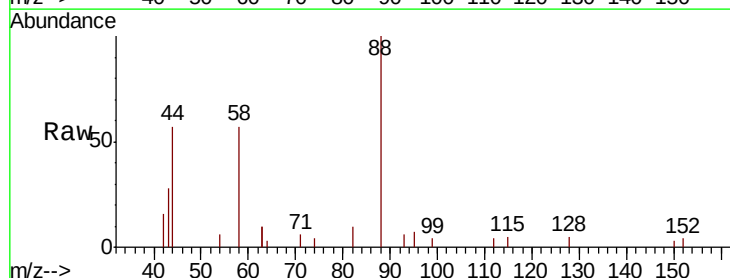
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



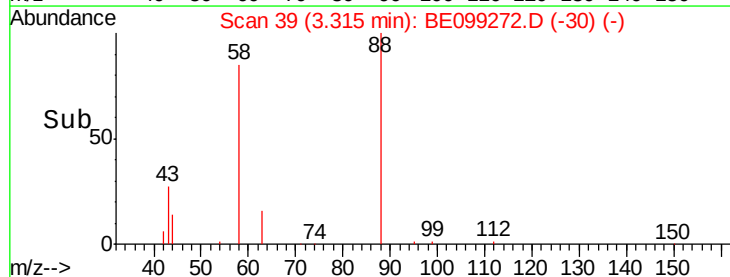
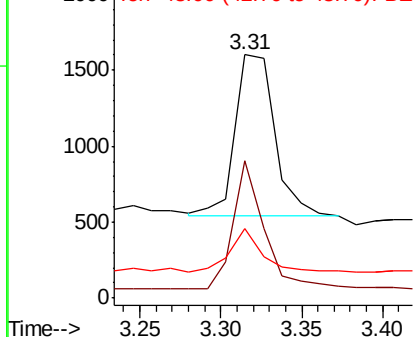
#2

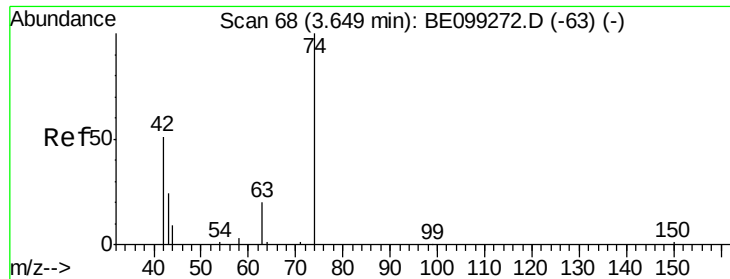
1,4-Dioxane
Concen: 0.412 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion: 88 Resp: 1777
Ion Ratio Lower Upper
88 100
58 63.7 43.0 64.4
43 21.5 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



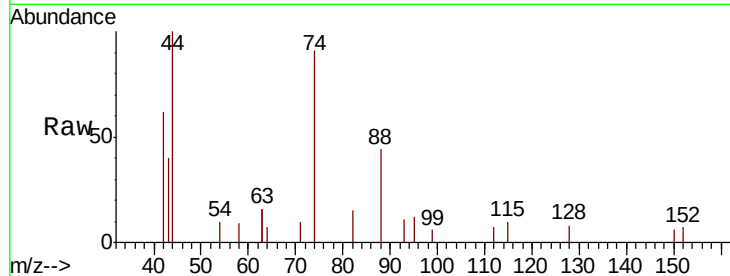


#3

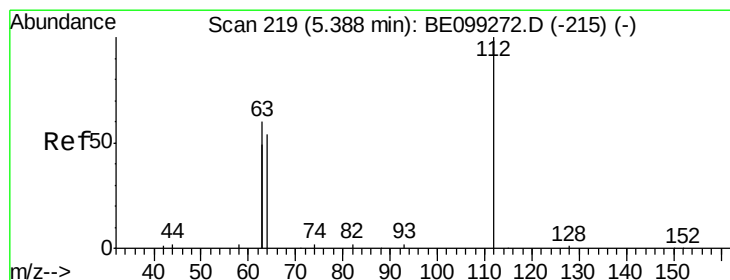
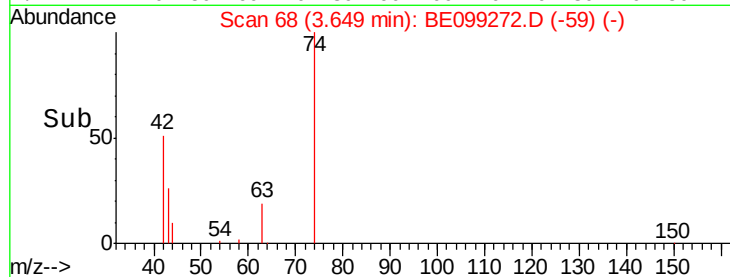
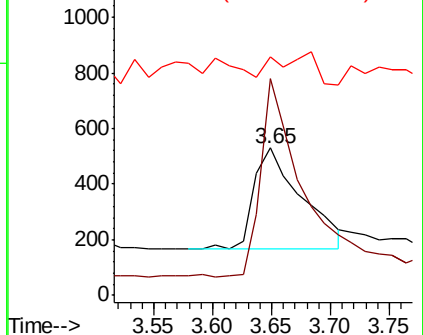
n-Nitrosodimethylamine
 Concen: 0.421 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: BE099272.D
 Acq: 2 Apr 2019 13:15

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion: 42 Resp: 1016
 Ion Ratio Lower Upper
 42 100
 74 165.7 133.8 200.8
 44 0.0 0.0 0.0



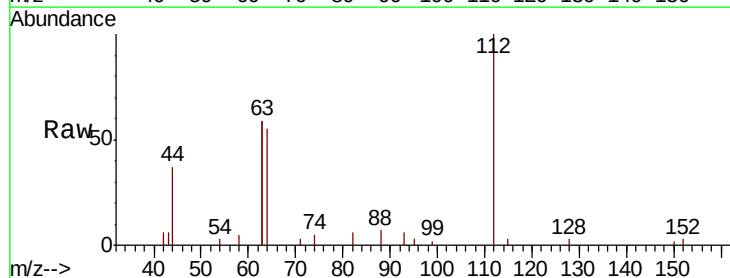
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



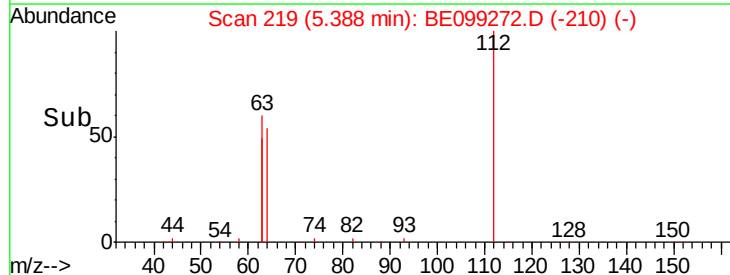
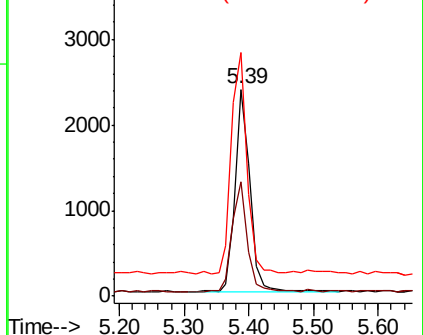
#4

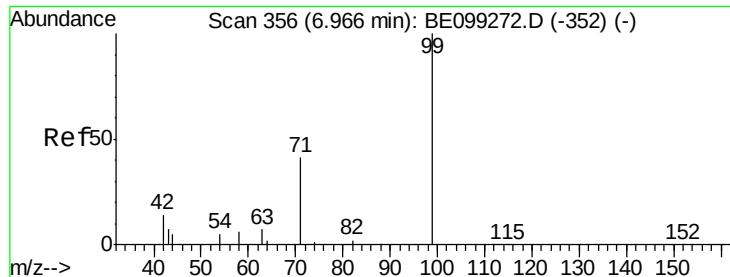
2-Fluorophenol
 Concen: 0.372 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE099272.D
 Acq: 2 Apr 2019 13:15

Tgt Ion: 112 Resp: 3631
 Ion Ratio Lower Upper
 112 100
 64 56.3 45.1 67.7
 63 117.8 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: 0.324 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

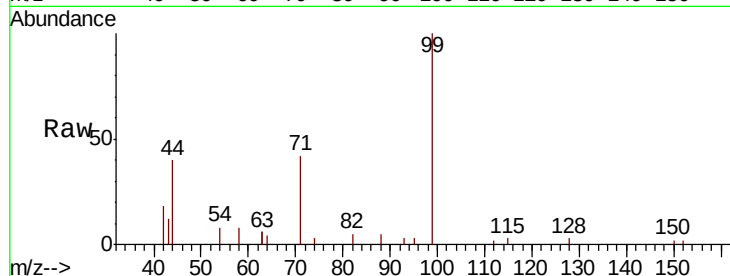
Tot Ion: 99 Resp: 4835

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.4

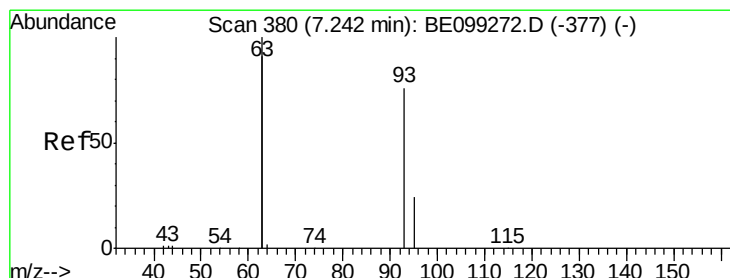
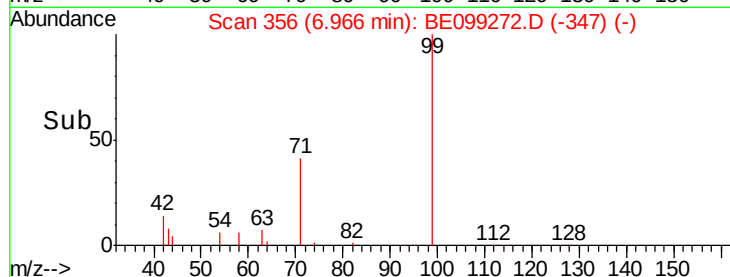
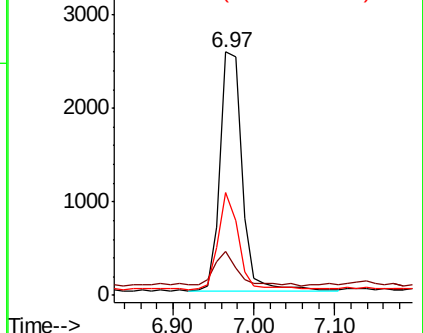
71 37.6 30.1 45.1



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: 0.366 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

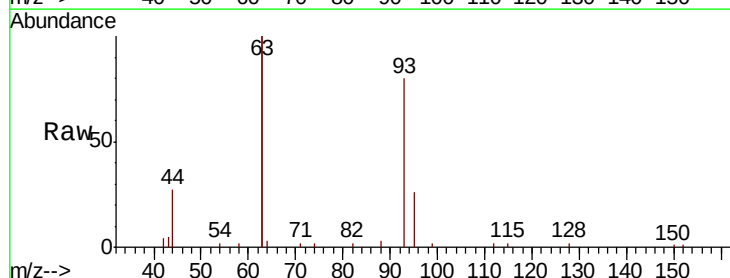
Tgt Ion: 93 Resp: 4288

Ion Ratio Lower Upper

93 100

63 274.3 219.4 329.2

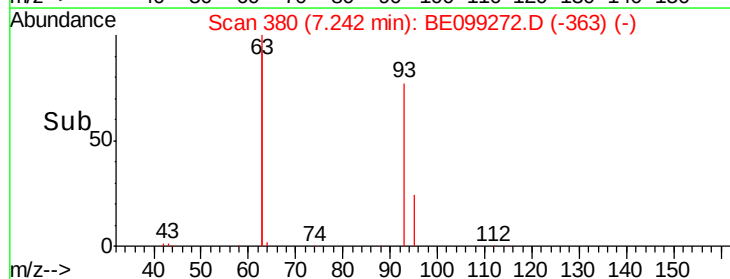
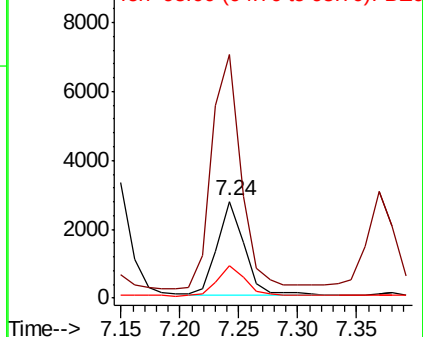
95 35.2 28.2 42.2

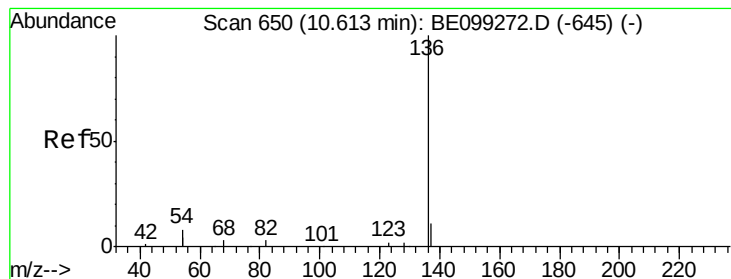


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099272.D

Acq: 2 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 12528

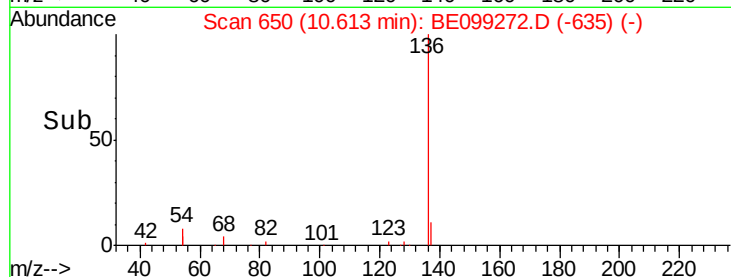
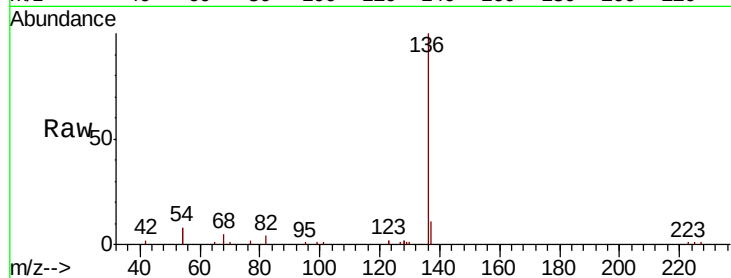
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 16.1 12.9 19.3

68 4.5 3.6 5.4

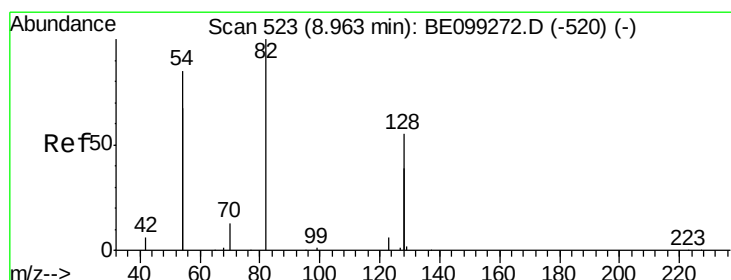
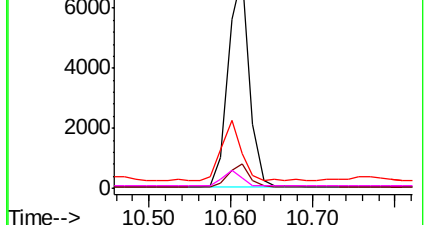


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.323 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

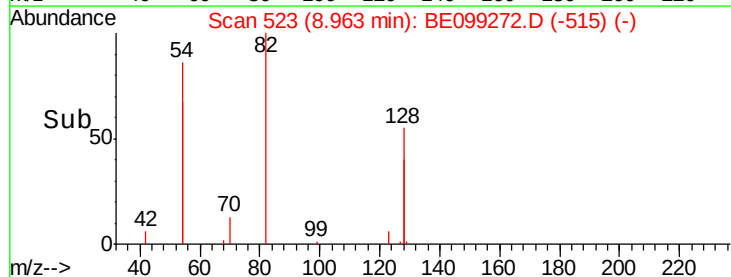
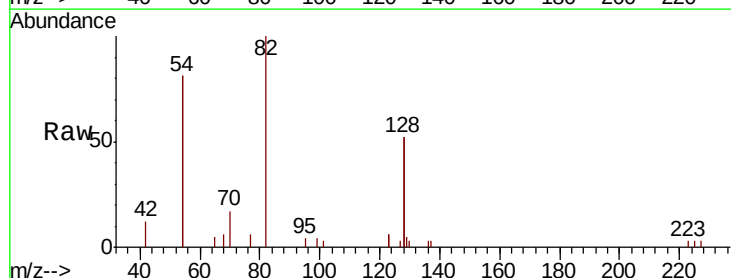
Tgt Ion: 82 Resp: 3302

Ion Ratio Lower Upper

82 100

128 104.0 83.2 124.8

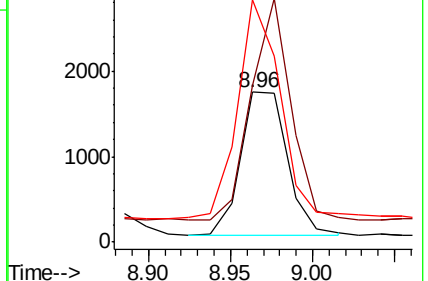
54 161.6 129.3 193.9

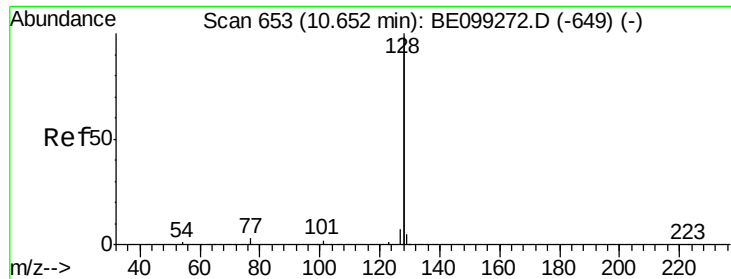


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

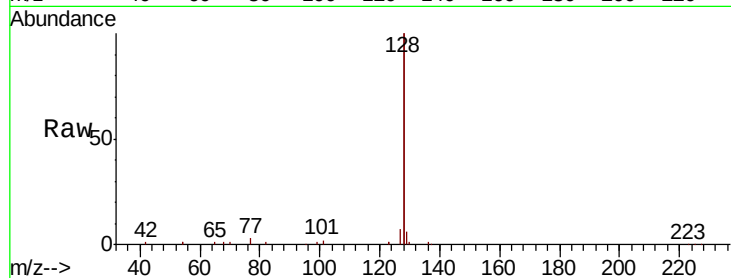




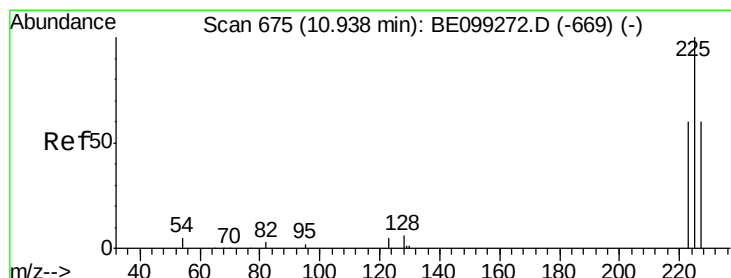
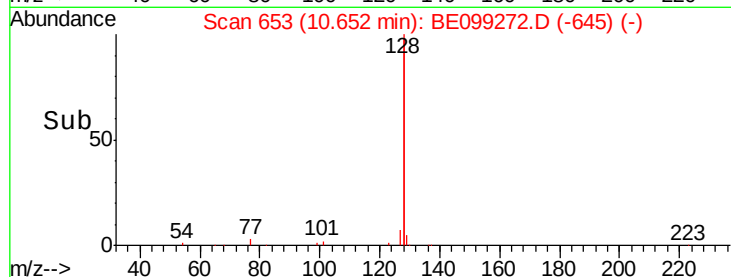
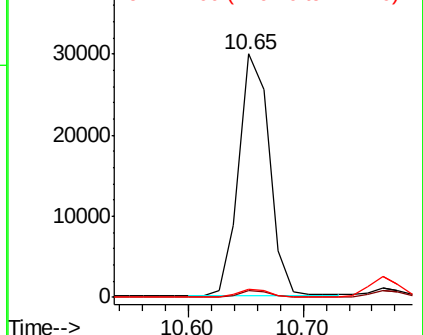
#9
Naphthalene
Concen: 0.371 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:128 Resp: 54856
Ion Ratio Lower Upper
128 100
129 2.8 2.2 3.4
127 3.4 2.7 4.1

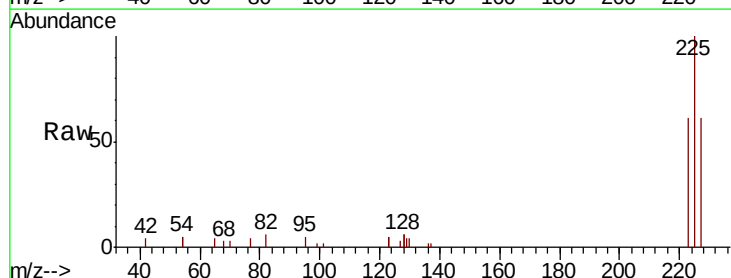


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

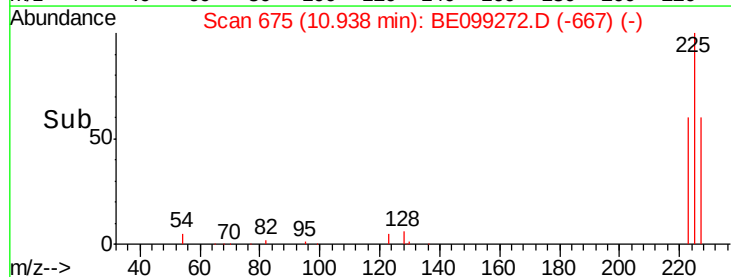
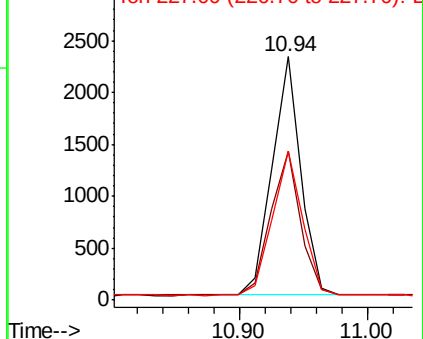


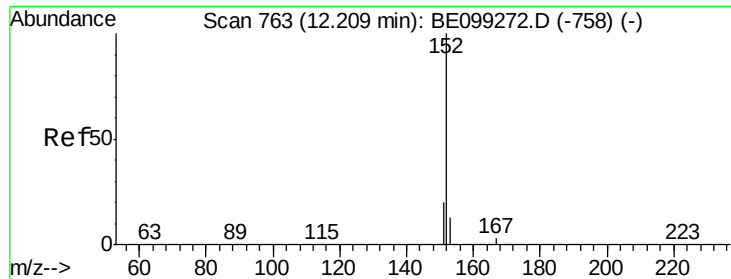
#10
Hexachlorobutadiene
Concen: 0.454 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:225 Resp: 3571
Ion Ratio Lower Upper
225 100
223 62.6 50.1 75.1
227 63.2 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

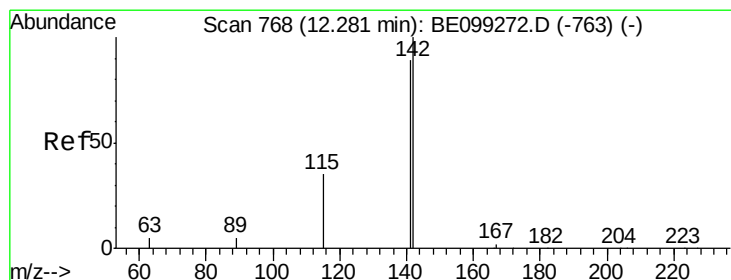
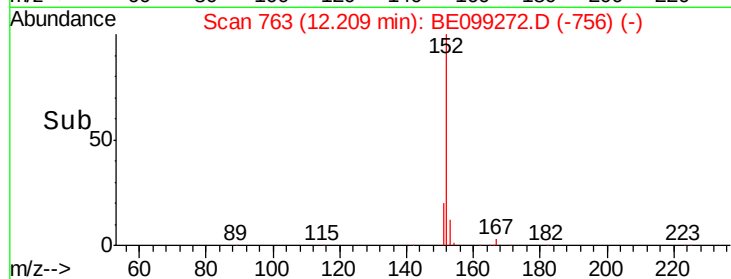
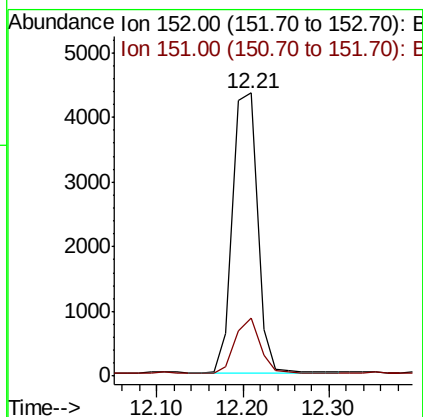
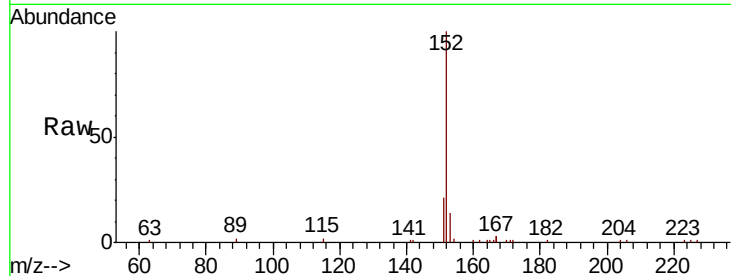




#11
 2-Methylnaphthalene-d10
 Concen: 0.357 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE099272.D
 Acq: 2 Apr 2019 13:15

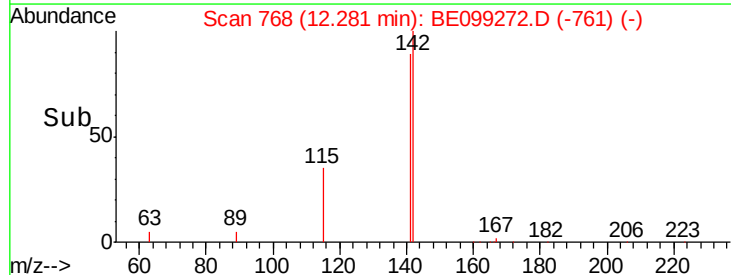
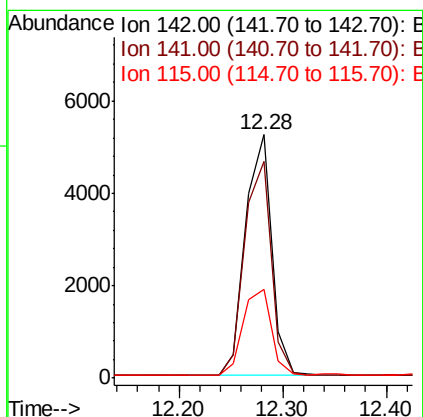
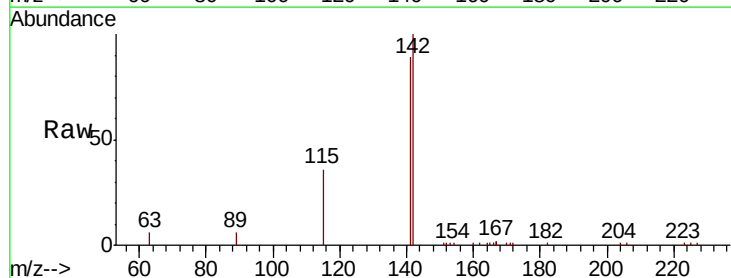
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

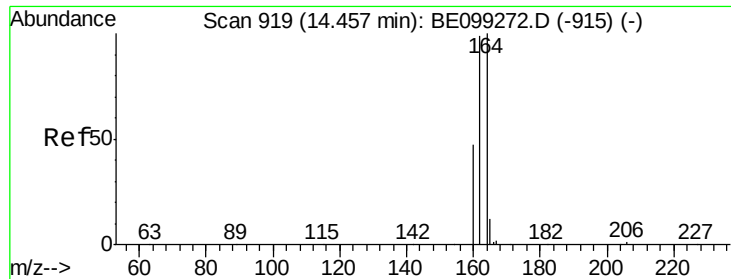
Tot Ion:152 Resp: 8609
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.348 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE099272.D
 Acq: 2 Apr 2019 13:15

Tgt Ion:142 Resp: 9195
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.1 106.7
 115 36.3 29.0 43.6

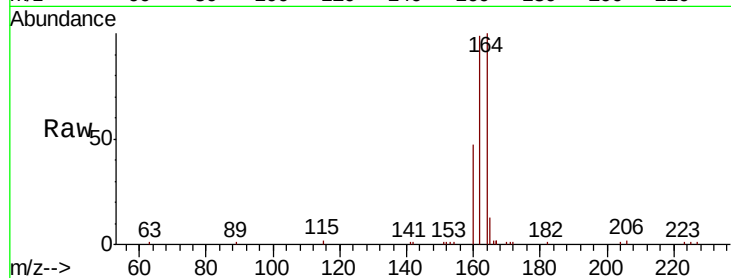




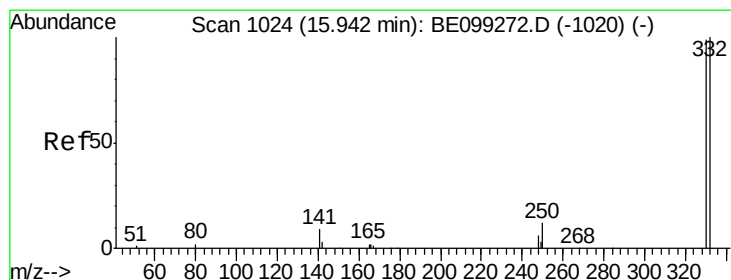
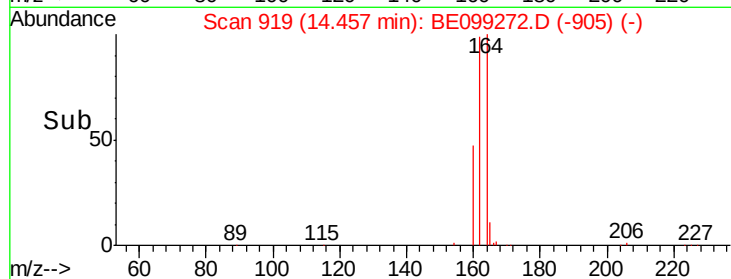
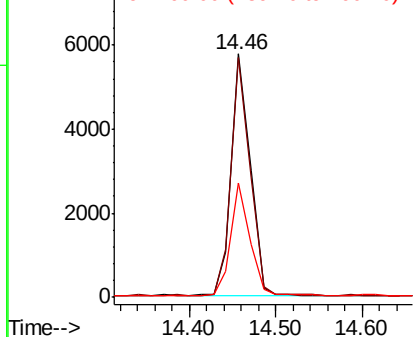
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE099272.D
 Acq: 2 Apr 2019 13:15

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion:164 Resp: 8630
 Ion Ratio Lower Upper
 164 100
 162 98.5 78.8 118.2
 160 47.0 37.6 56.4

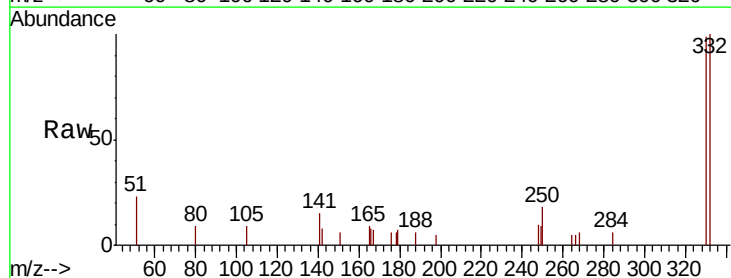


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

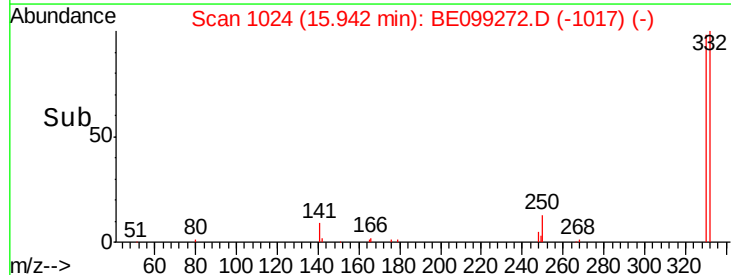
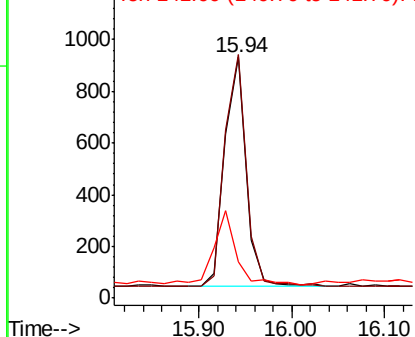


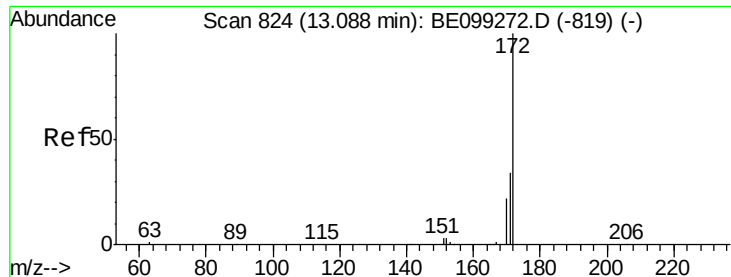
#14
 2,4,6-Tribromophenol
 Concen: 0.467 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE099272.D
 Acq: 2 Apr 2019 13:15

Tgt Ion:330 Resp: 1425
 Ion Ratio Lower Upper
 330 100
 332 101.8 82.6 123.8
 141 33.1 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

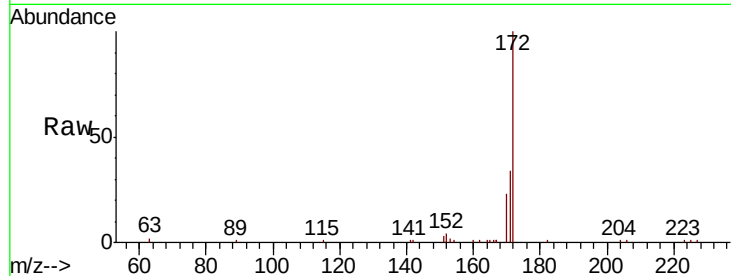




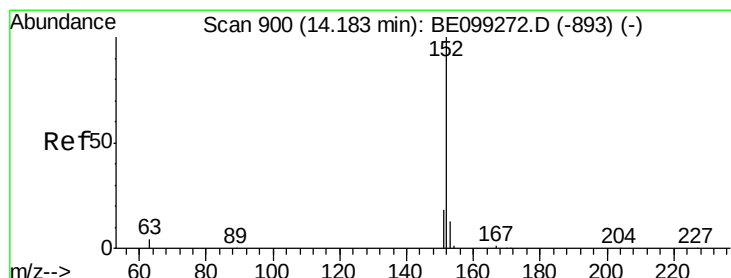
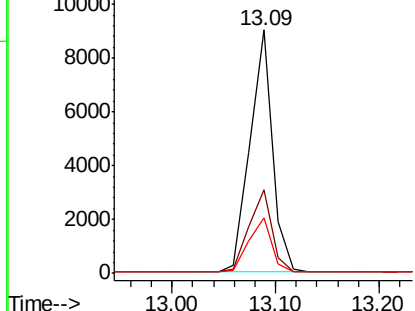
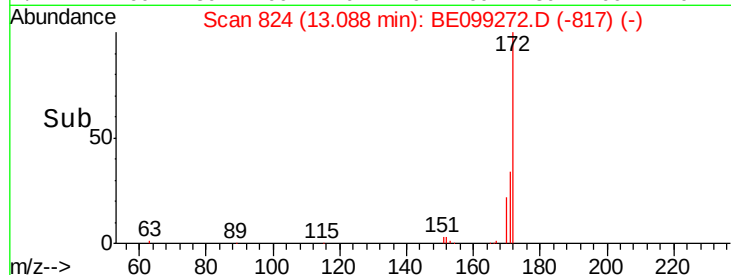
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:172 Resp: 13581
Ion Ratio Lower Upper
172 100
171 34.4 27.5 41.3
170 22.7 18.2 27.2

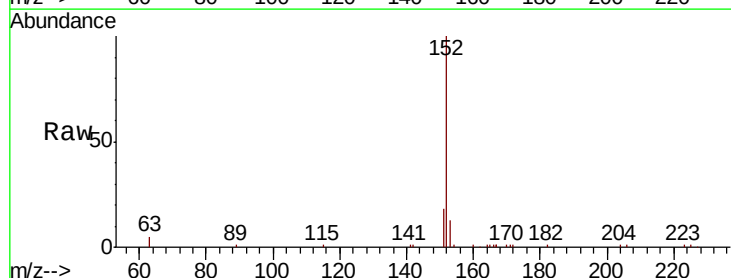


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

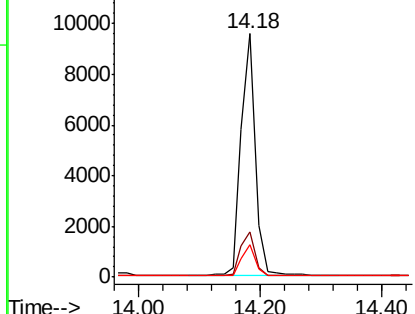
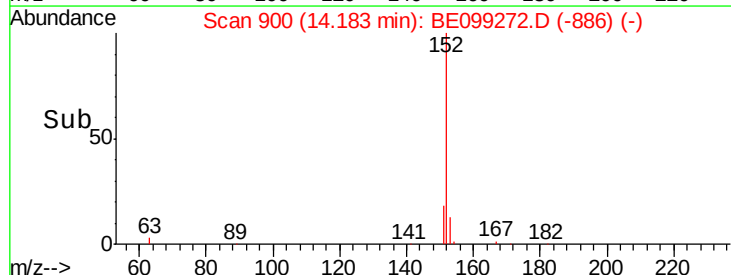


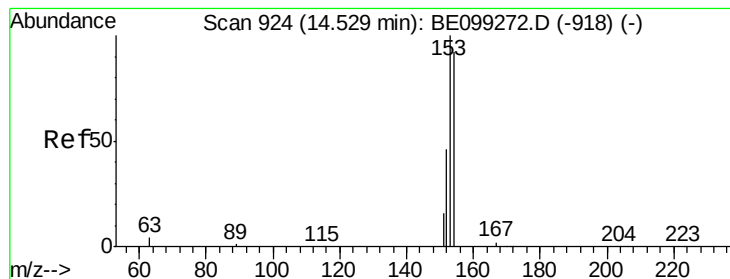
#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:152 Resp: 15791
Ion Ratio Lower Upper
152 100
151 18.6 14.9 22.3
153 12.5 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: 0.359 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

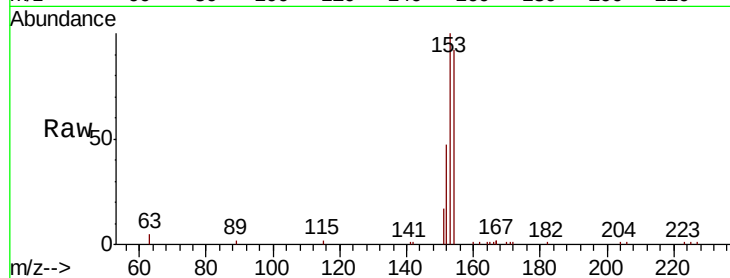
Tot Ion:154 Resp: 9437

Ion Ratio Lower Upper

154 100

153 116.8 92.8 139.2

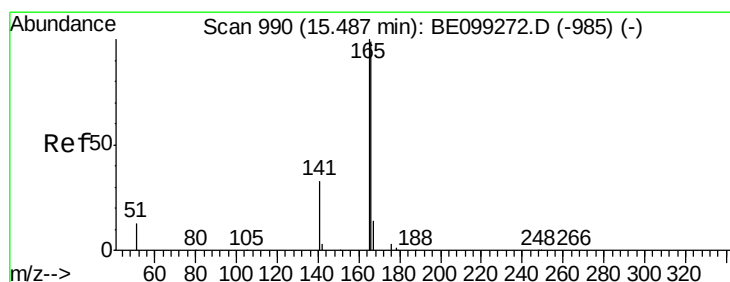
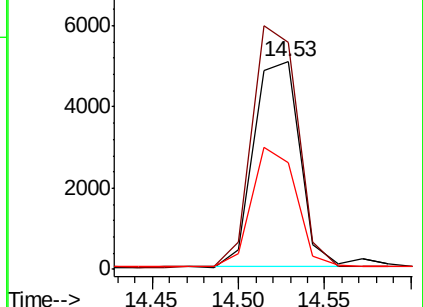
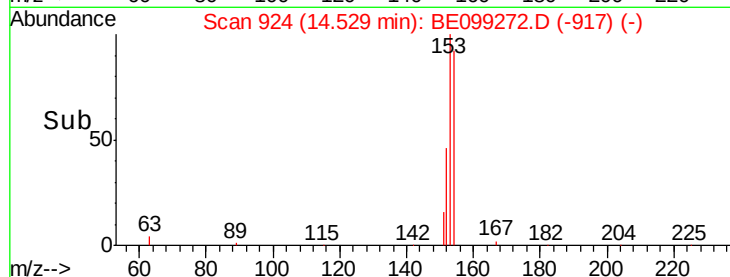
152 55.9 44.3 66.5



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: 0.378 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

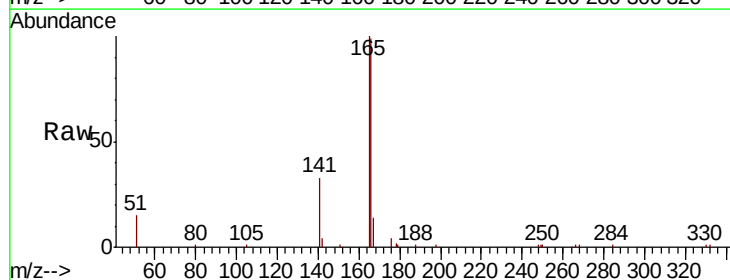
Tgt Ion:166 Resp: 13992

Ion Ratio Lower Upper

166 100

165 97.4 77.9 116.9

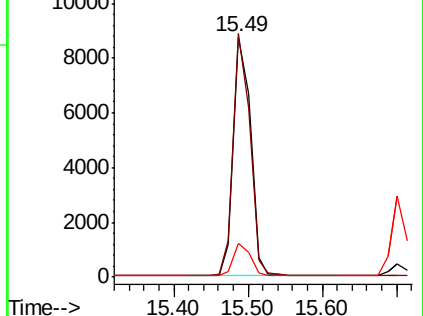
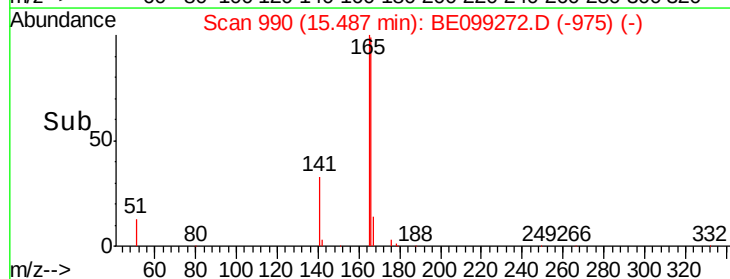
167 13.6 10.9 16.3

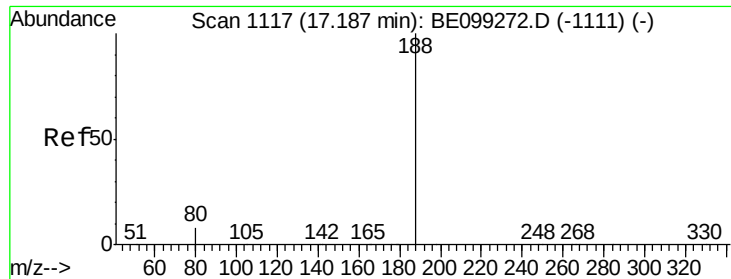


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099272.D

Acq: 2 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

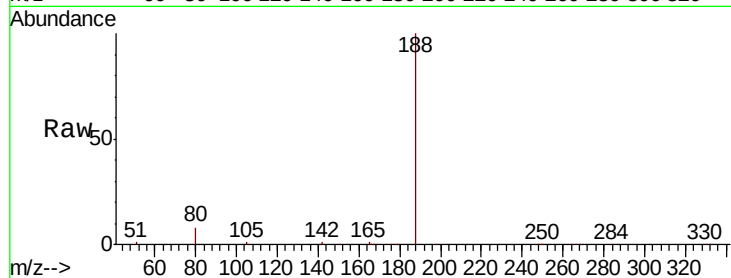
Tot Ion:188 Resp: 25750

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

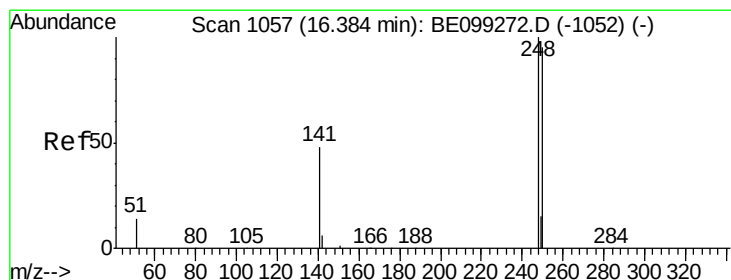
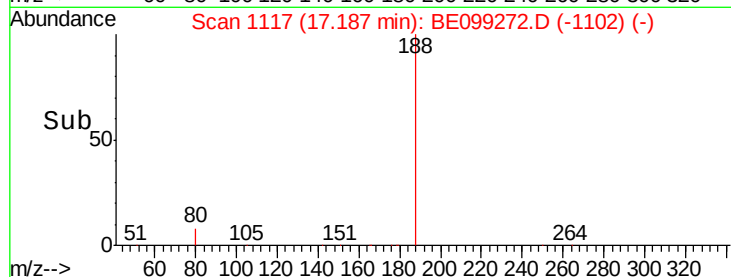
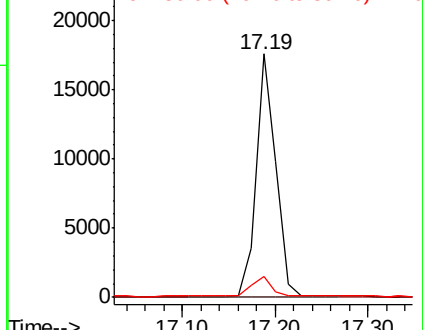
80 8.3 6.6 10.0



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: 0.344 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

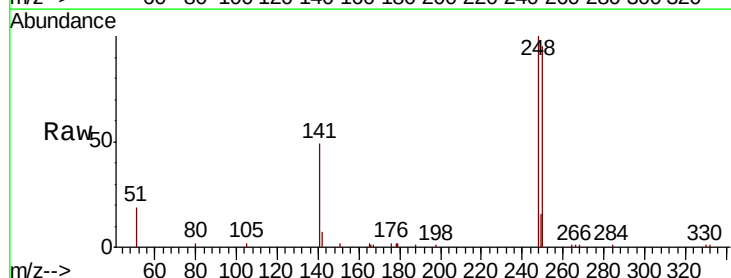
Tgt Ion:248 Resp: 5715

Ion Ratio Lower Upper

248 100

250 94.9 75.9 113.9

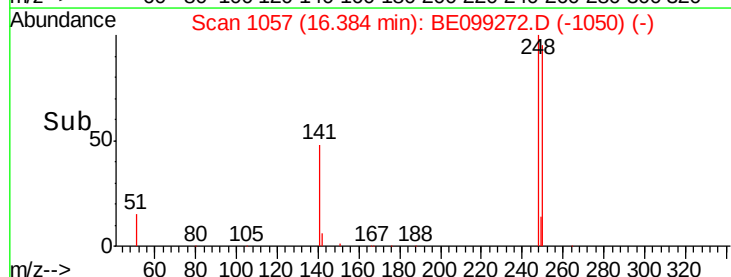
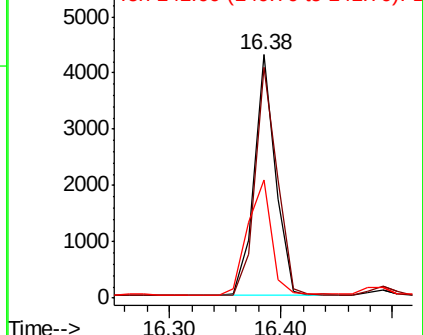
141 48.8 39.0 58.6

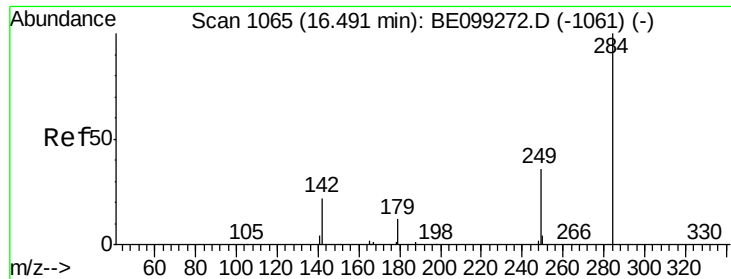


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

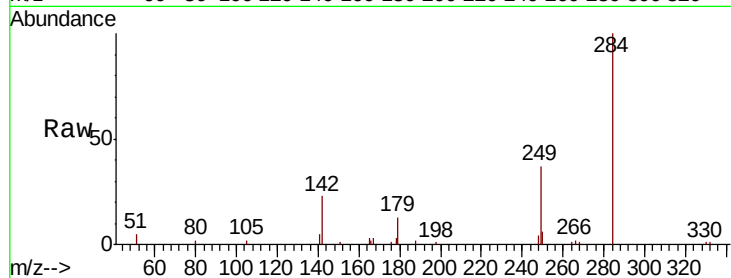




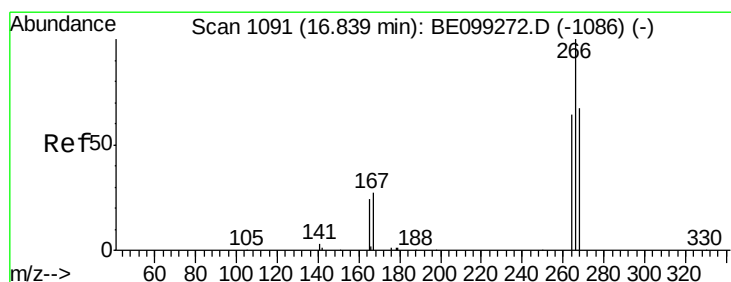
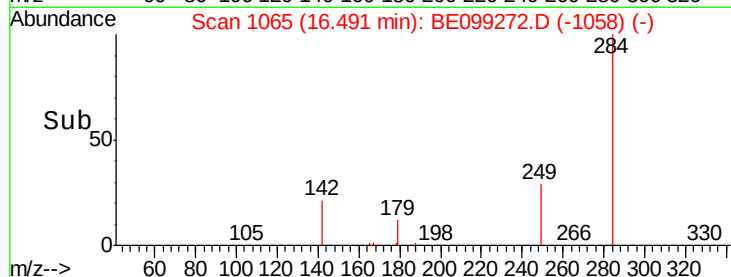
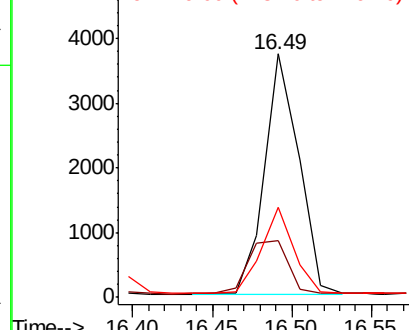
#21
Hexachlorobenzene
Concen: 0.342 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:284 Resp: 5498
Ion Ratio Lower Upper
284 100
142 26.2 21.0 31.6
249 33.9 27.0 40.6

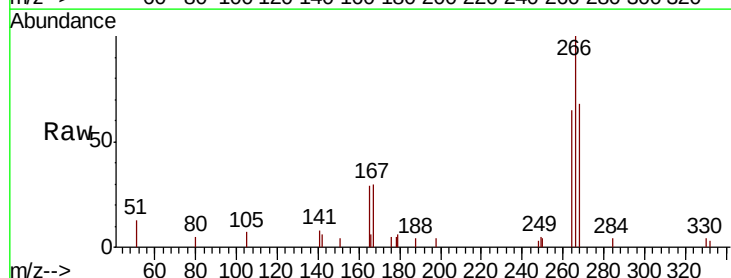


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

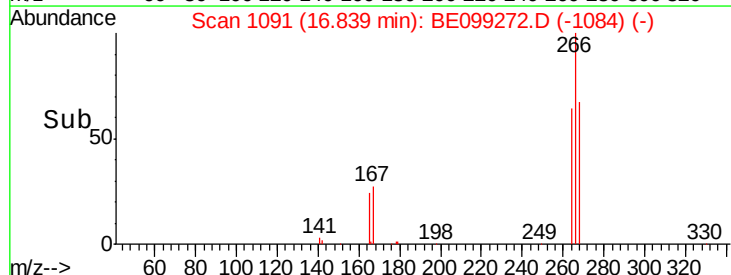
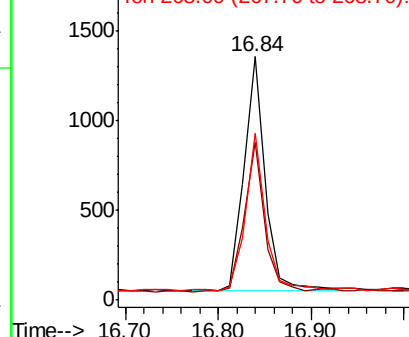


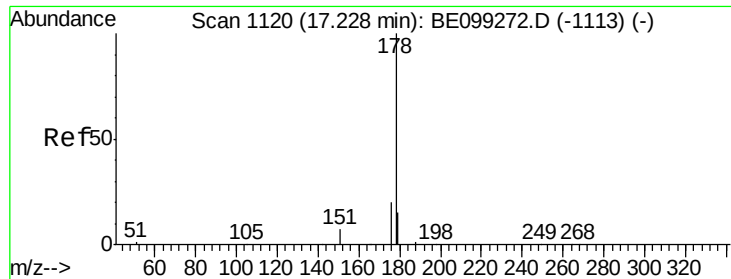
#22
Pentachlorophenol
Concen: 0.953 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:266 Resp: 2016
Ion Ratio Lower Upper
266 100
264 64.8 51.8 77.8
268 68.4 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: 0.357 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

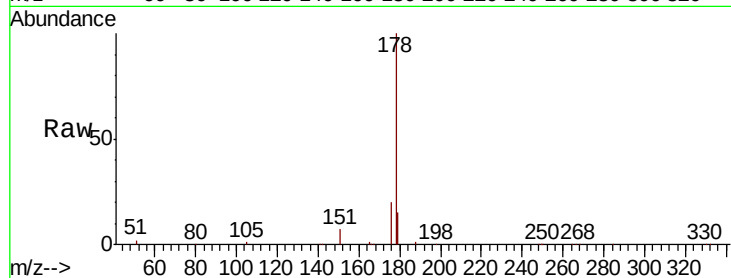
Tot Ion:178 Resp: 27002

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

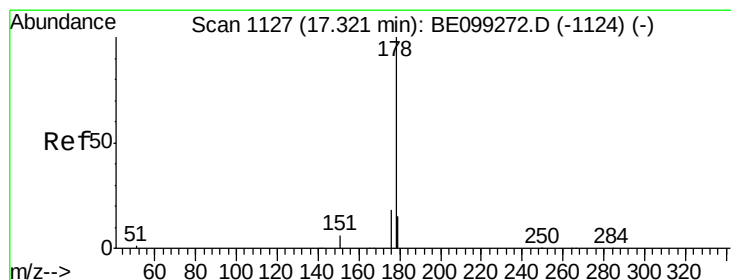
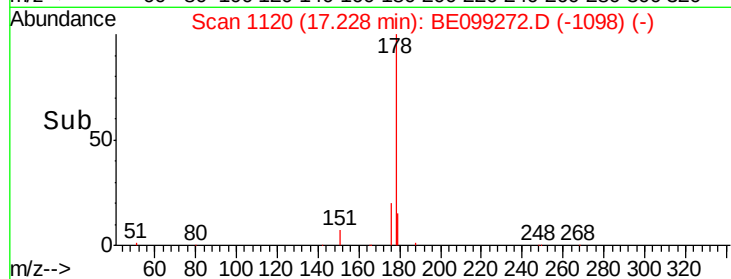
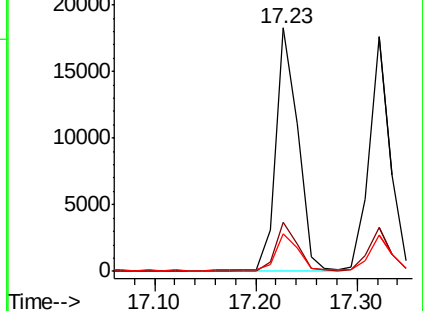
179 15.4 12.3 18.5



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: 0.366 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

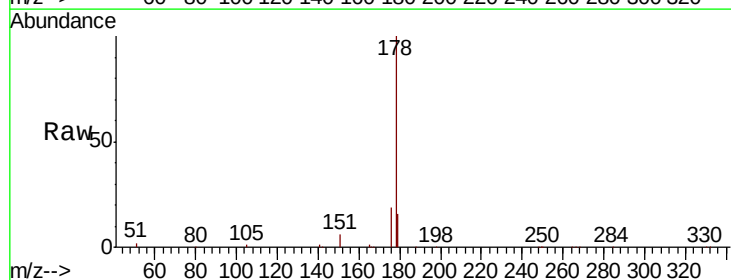
Tgt Ion:178 Resp: 25030

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

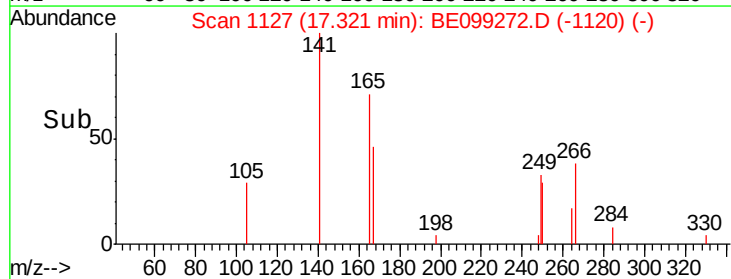
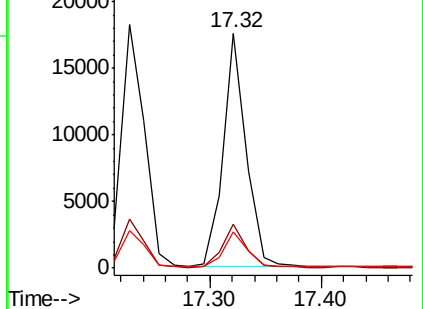
179 15.5 12.3 18.5

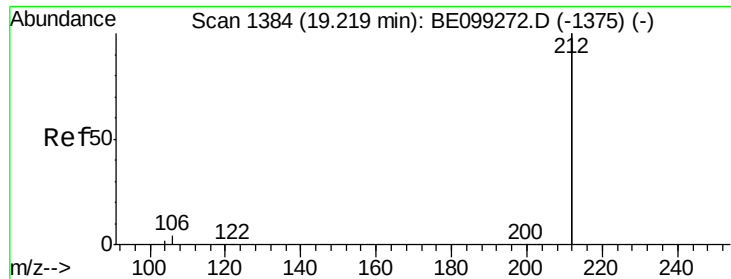


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.441 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

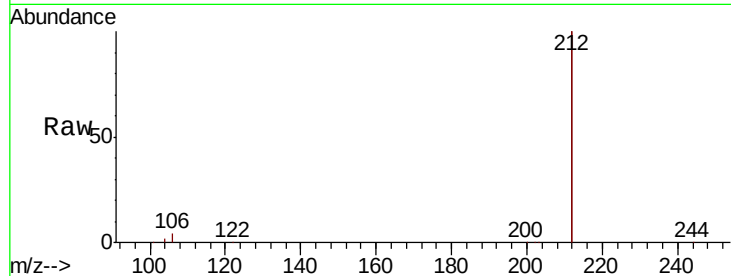
Tot Ion:212 Resp: 137657

Ion Ratio Lower Upper

212 100

106 2.1 1.7 2.5

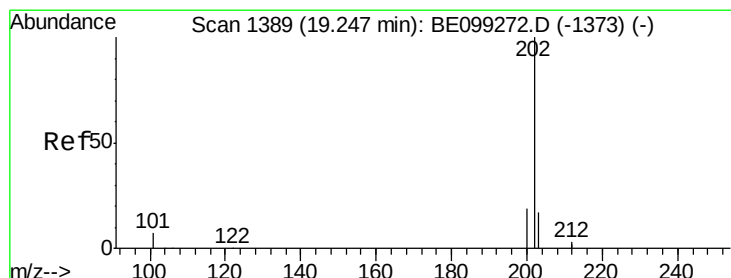
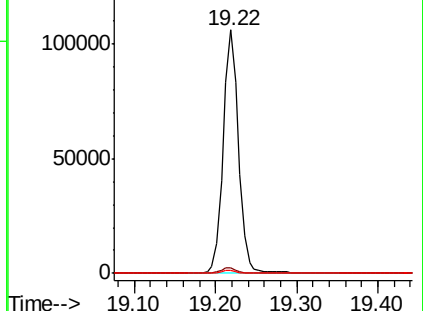
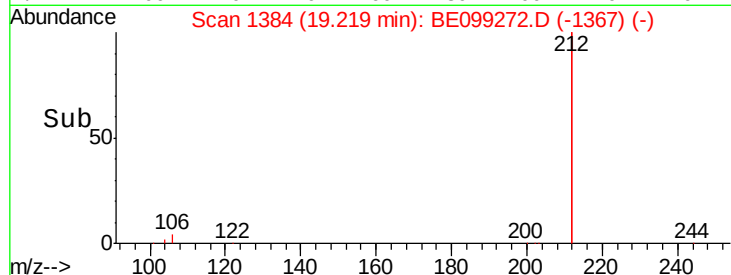
104 1.2 1.0 1.4



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: 0.410 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

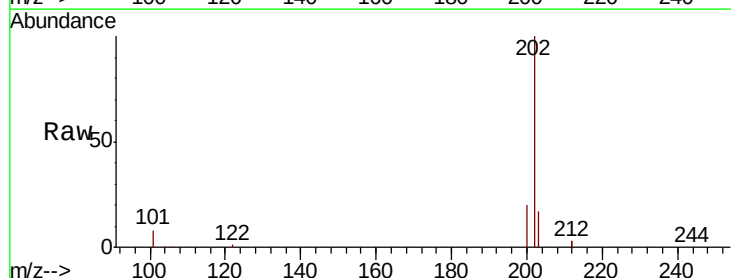
Tgt Ion:202 Resp: 39588

Ion Ratio Lower Upper

202 100

101 7.8 6.2 9.4

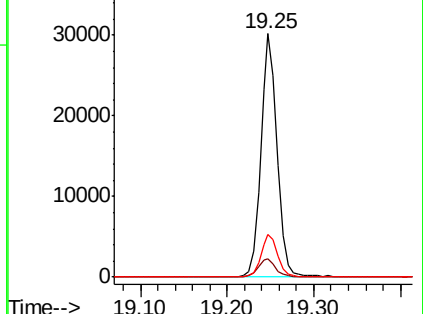
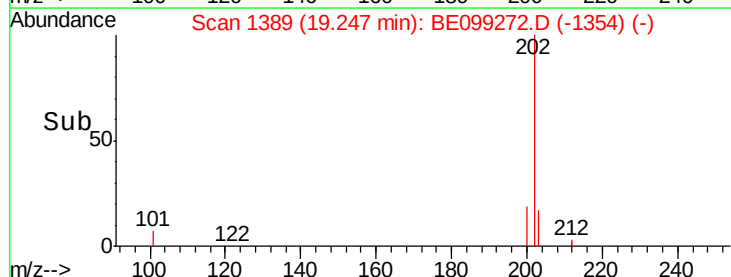
203 17.4 13.9 20.9

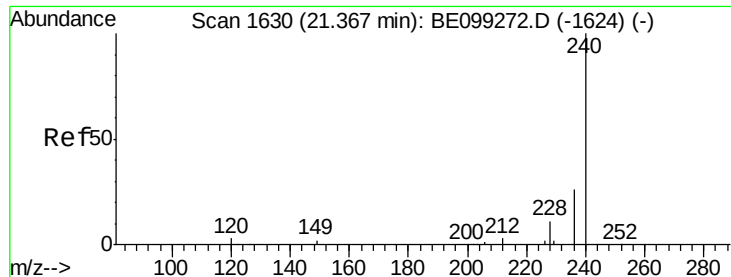


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE099272.D

Acq: 2 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

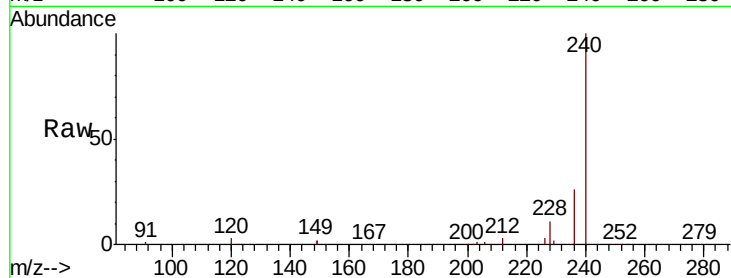
Tot Ion:240 Resp: 39738

Ion Ratio Lower Upper

240 100

120 3.4 2.7 4.1

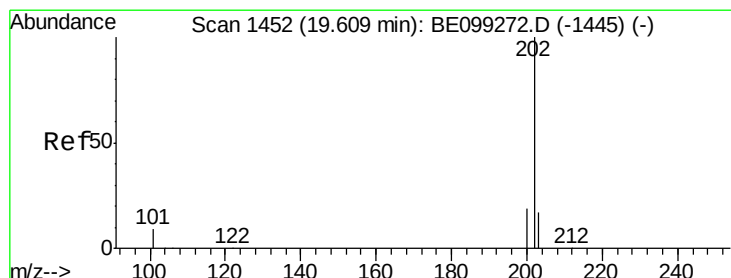
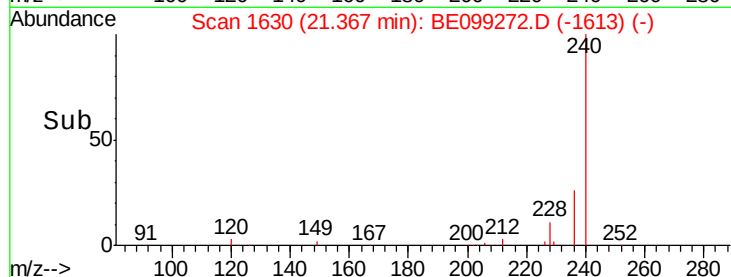
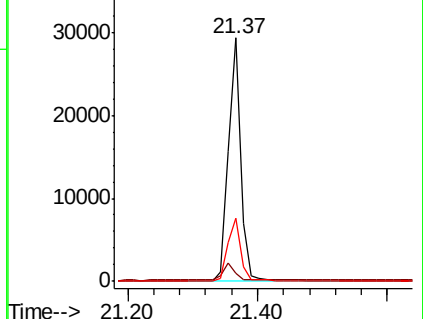
236 25.9 20.7 31.1



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: 0.312 ng

RT: 19.61 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

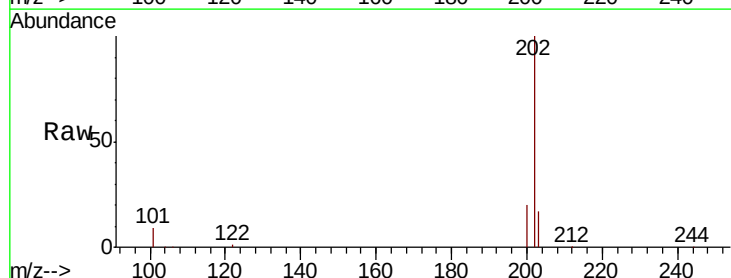
Tgt Ion:202 Resp: 41185

Ion Ratio Lower Upper

202 100

200 19.6 15.7 23.5

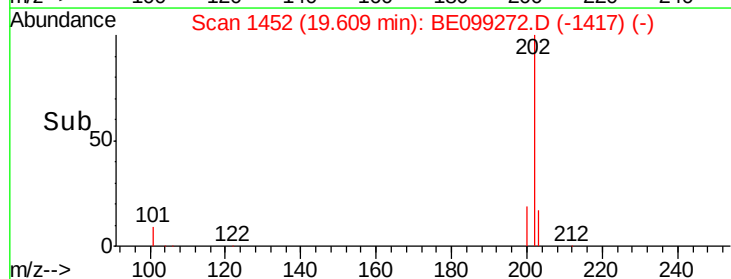
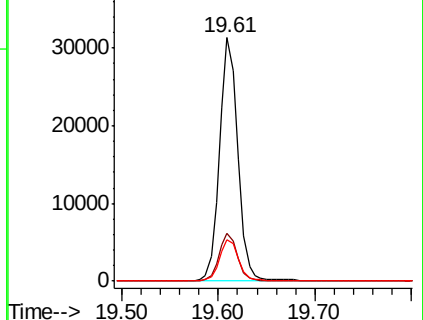
203 17.4 13.9 20.9

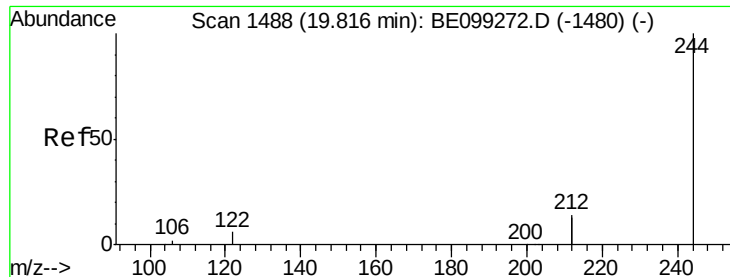


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.333 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

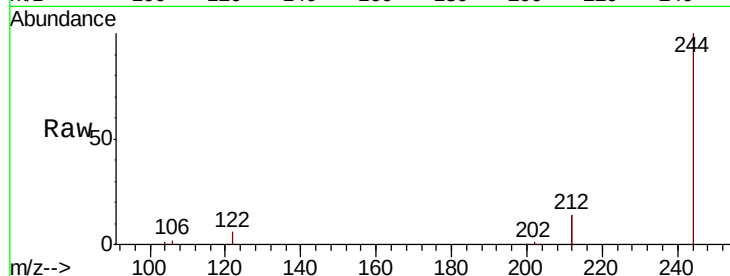
Tot Ion:244 Resp: 28766

Ion Ratio Lower Upper

244 100

212 28.2 22.6 33.8

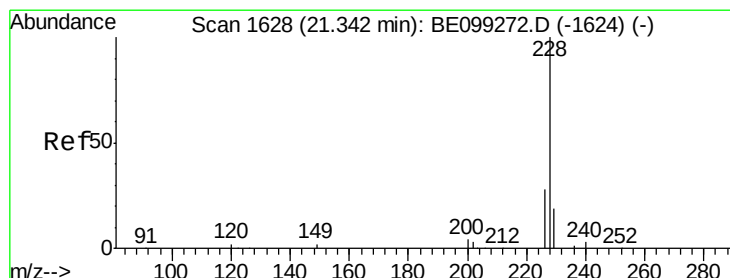
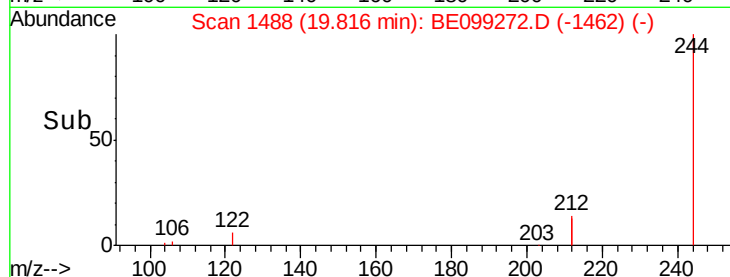
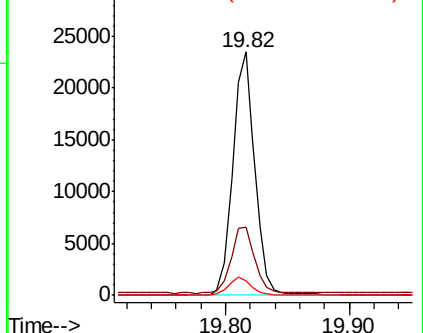
122 5.8 4.6 7.0



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: 0.382 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

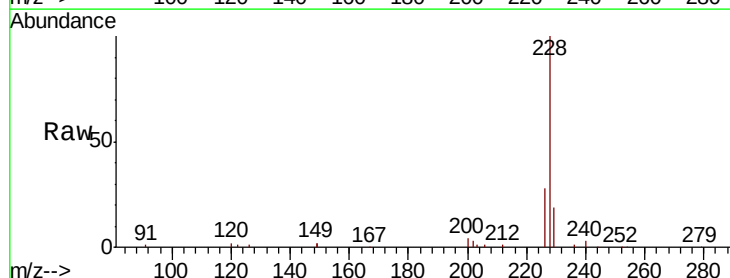
Tgt Ion:228 Resp: 50121

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

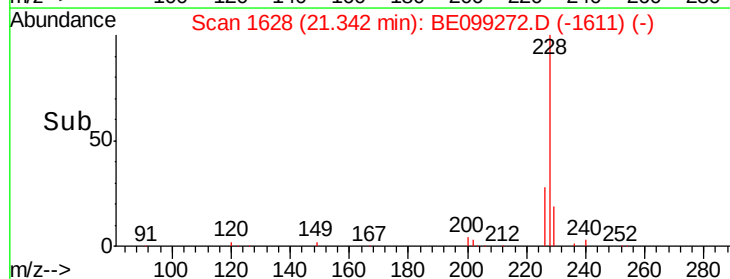
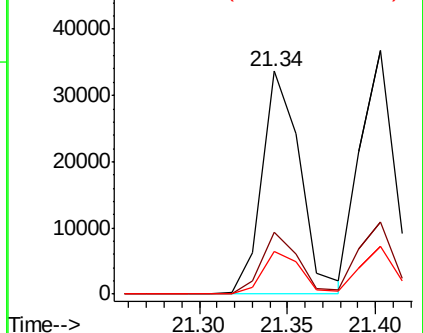
229 19.2 15.4 23.0

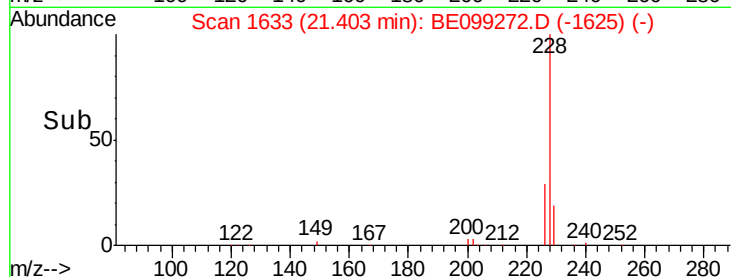
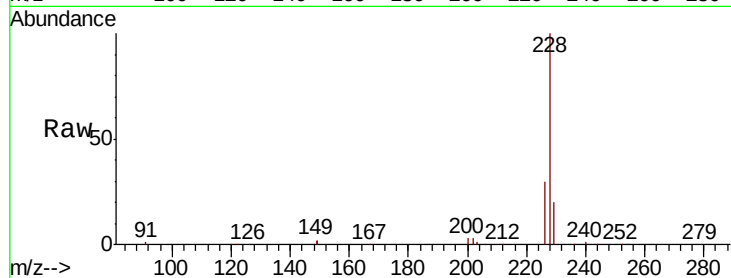
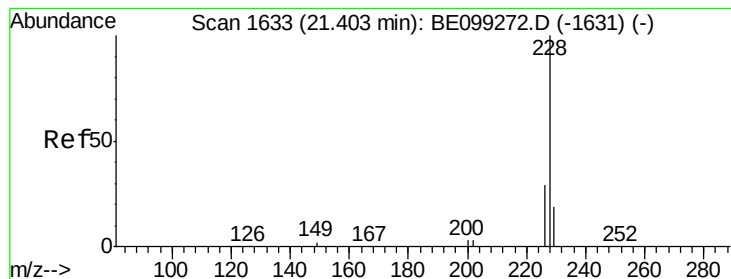


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.353 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

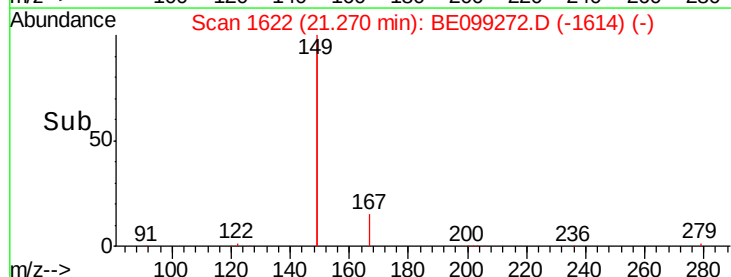
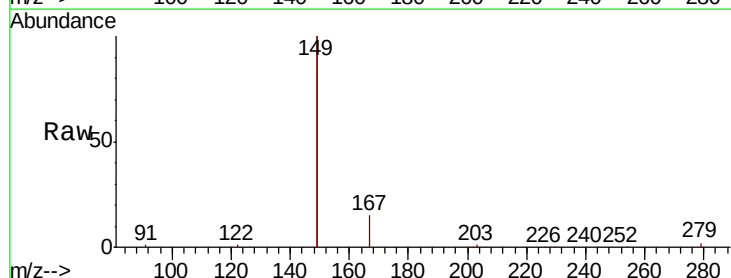
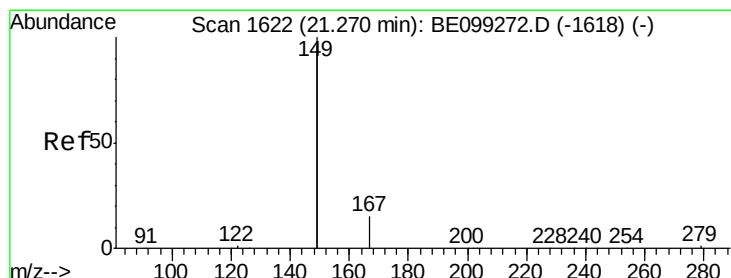
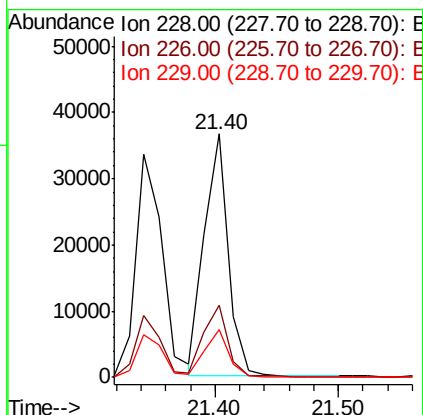
Tot Ion:228 Resp: 49459

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

229 19.5 15.6 23.4



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.394 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

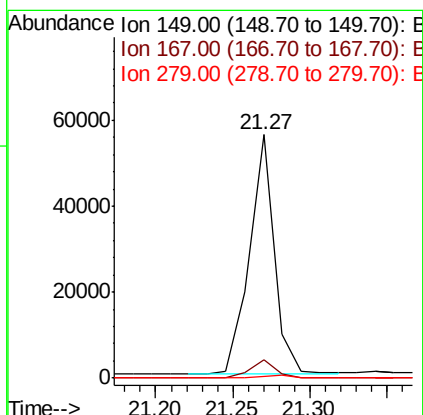
Tgt Ion:149 Resp: 61578

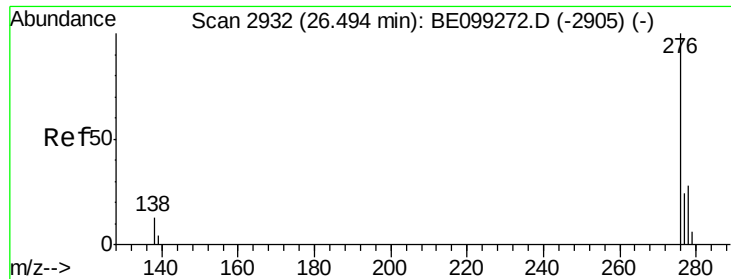
Ion Ratio Lower Upper

149 100

167 7.6 6.1 9.1

279 1.2 1.0 1.4

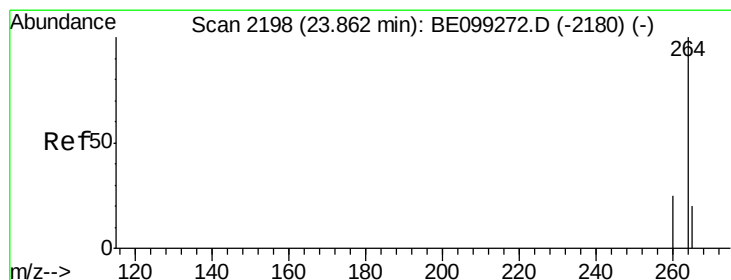
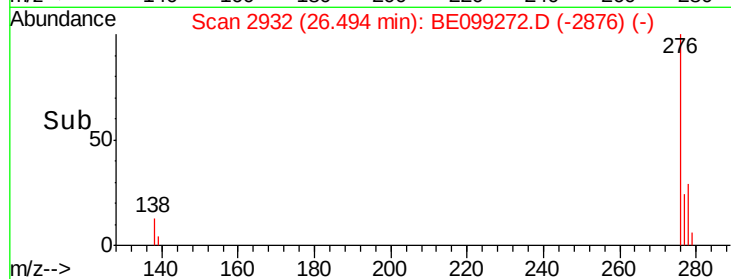
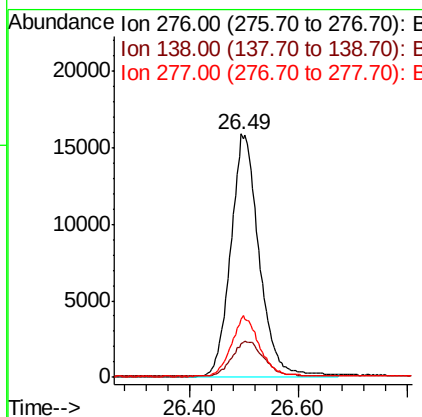
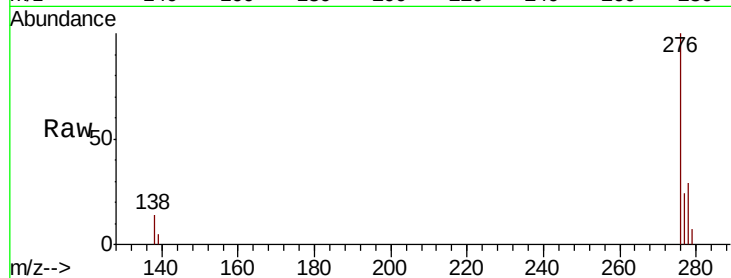




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.435 ng
 RT: 26.49 min Scan# 2932
 Delta R.T. 0.00 min
 Lab File: BE099272.D
 Acq: 2 Apr 2019 13:15

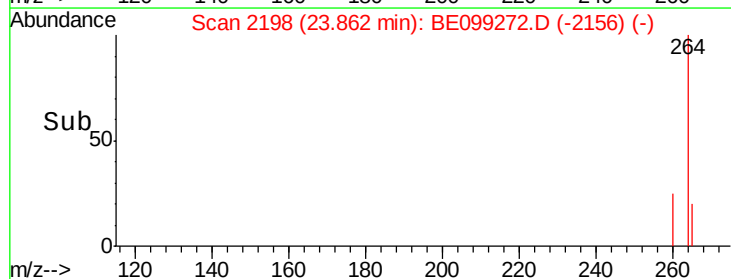
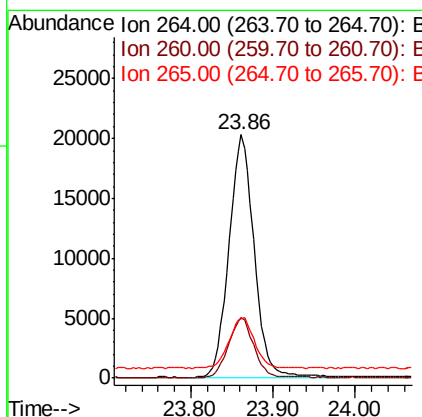
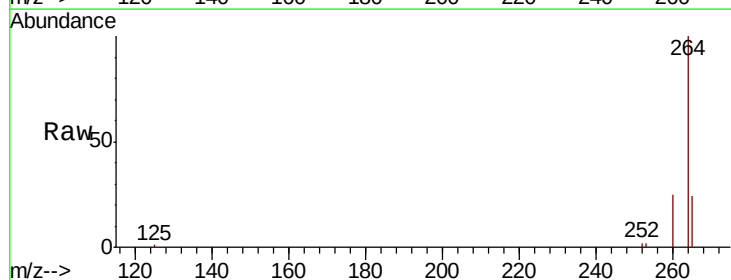
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

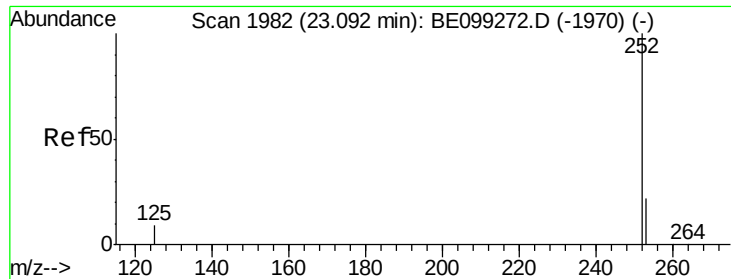
Tot Ion:276 Resp: 57700
 Ion Ratio Lower Upper
 276 100
 138 15.7 12.6 18.8
 277 24.3 19.4 29.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: BE099272.D
 Acq: 2 Apr 2019 13:15

Tgt Ion:264 Resp: 42895
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.8 29.8
 265 24.1 19.3 28.9





#35

Benzo(b)fluoranthene

Concen: 0.351 ng

RT: 23.09 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

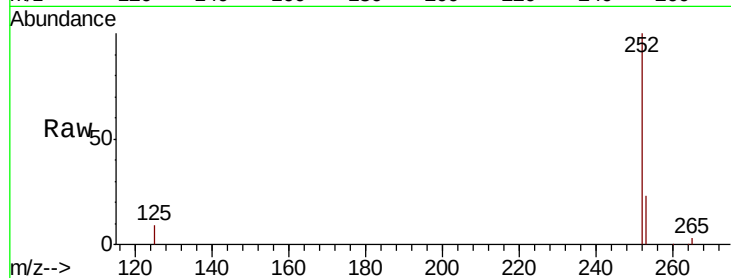
Tot Ion:252 Resp: 49480

Ion Ratio Lower Upper

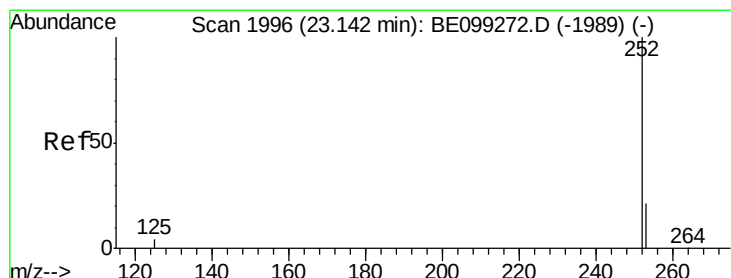
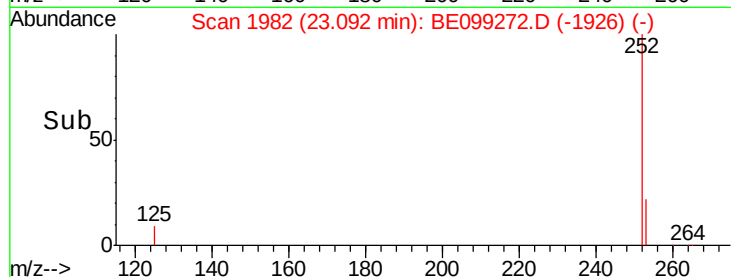
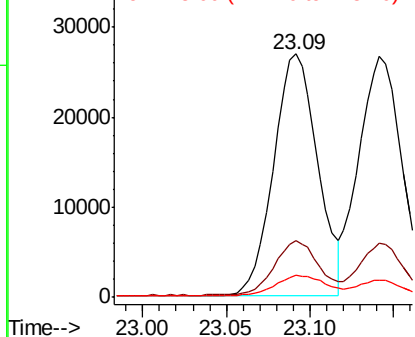
252 100

253 23.2 18.6 27.8

125 9.3 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: 0.326 ng

RT: 23.14 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

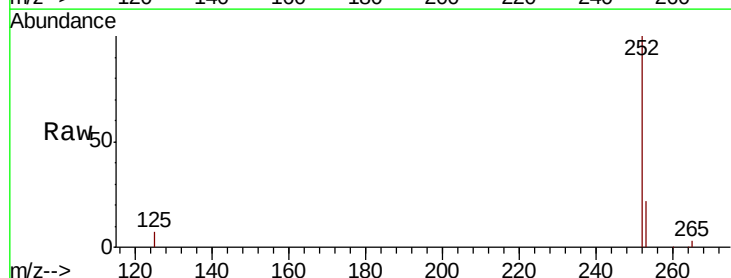
Tgt Ion:252 Resp: 48675

Ion Ratio Lower Upper

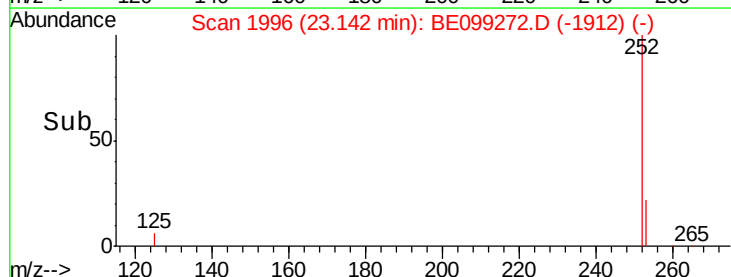
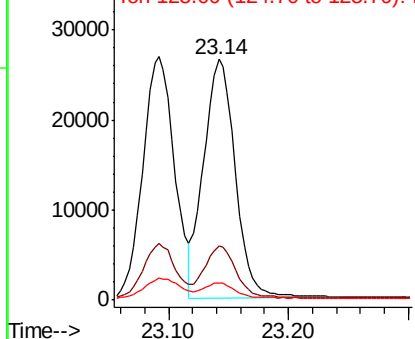
252 100

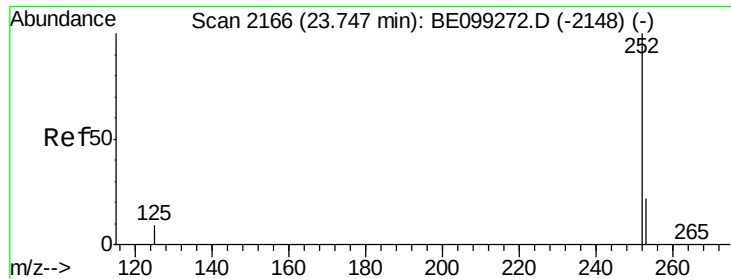
253 22.4 17.9 26.9

125 7.2 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: 0.354 ng

RT: 23.75 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

Instrument :

BNA_E

ClientSampled :

SSTDICCC0.4

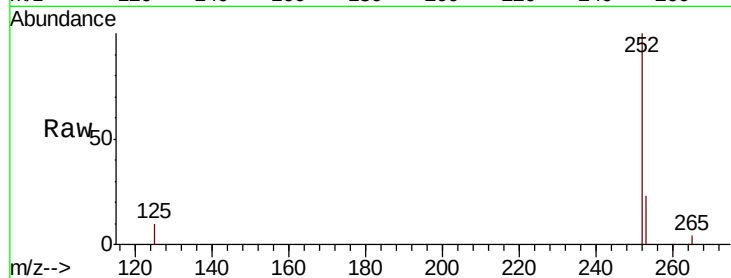
Tot Ion:252 Resp: 46631

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

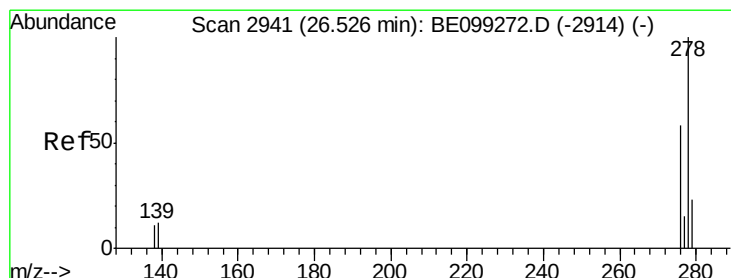
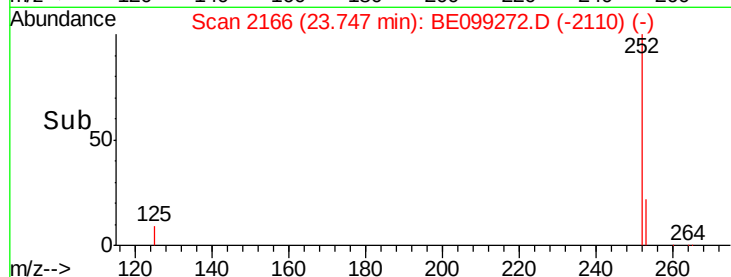
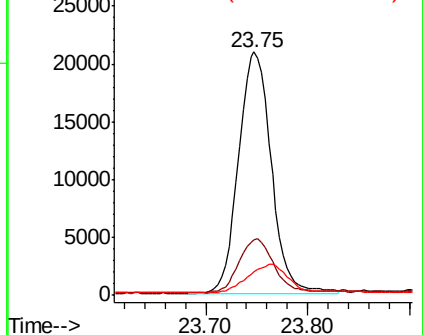
125 9.8 7.8 11.8



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: 0.402 ng

RT: 26.53 min Scan# 2941

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

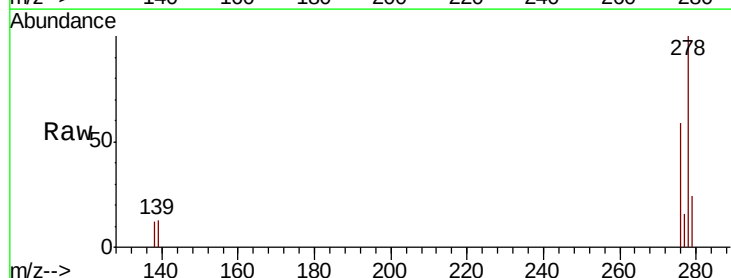
Tgt Ion:278 Resp: 47026

Ion Ratio Lower Upper

278 100

139 12.7 10.2 15.2

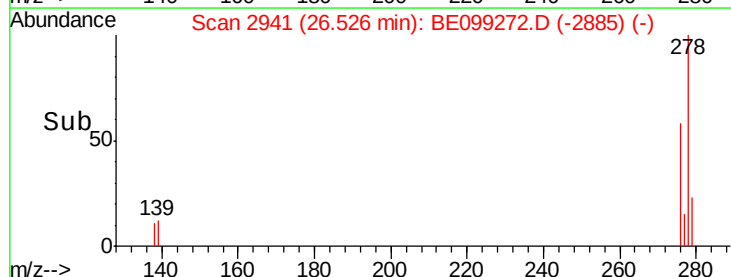
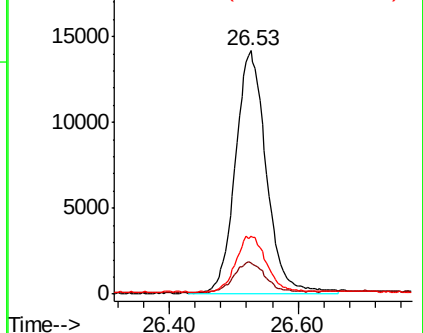
279 23.7 19.0 28.4

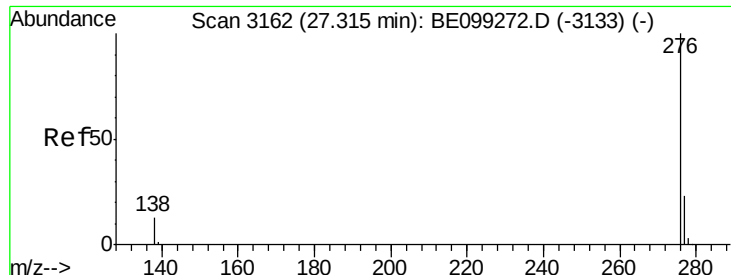


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.397 ng

RT: 27.31 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BE099272.D

Acq: 2 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

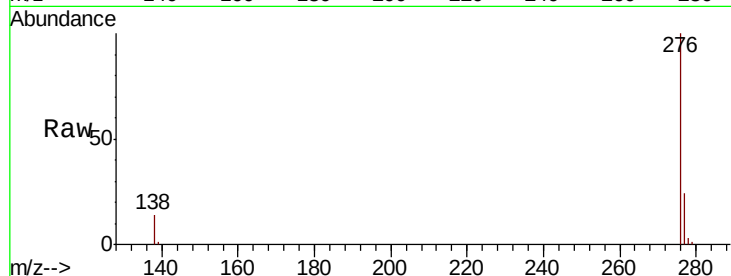
Tot Ion: 276 Resp: 46626

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 14.0 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

