

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032219\
 Data File : BE099077.D
 Acq On : 22 Mar 2019 12:05
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 22 13:37:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 22 13:31:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3830	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	15189	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	10098	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	29581	0.40	ng	0.00
27) Chrysene-d12	21.39	240	36958	0.40	ng	0.00
34) Perylene-d12	23.90	264	36960	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	4059	0.35	ng	0.00
5) Phenol-d6	6.99	99	5747	0.36	ng	0.00
8) Nitrobenzene-d5	8.99	82	2119	0.13	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	9599	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	921	0.18	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	14707	0.35	ng	0.00
25) Fluoranthene-d10	19.24	212	136710	0.29	ng	0.00
29) Terphenyl-d14	19.84	244	27507	0.31	ng	0.00

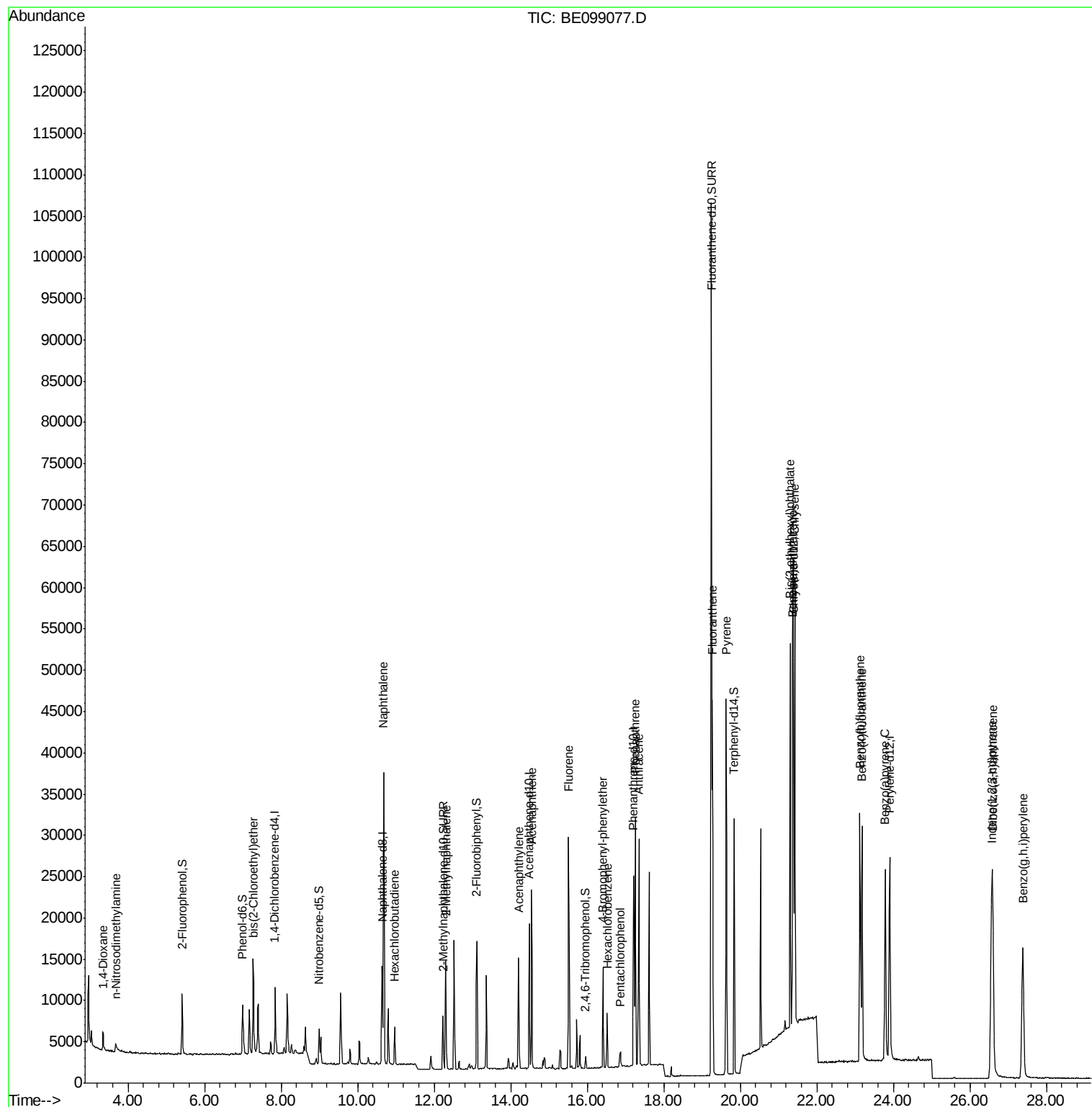
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	2017	0.267	ng	90
3) n-Nitrosodimethylamine	3.68	42	997	0.103	ng	# 100
6) bis(2-Chloroethyl)ether	7.28	93	4769	0.382	ng	100
9) Naphthalene	10.68	128	63342	0.364	ng	100
10) Hexachlorobutadiene	10.97	225	3152	0.274	ng	100
12) 2-Methylnaphthalene	12.31	142	10589	0.375	ng	100
16) Acenaphthylene	14.21	152	18240	0.351	ng	100
17) Acenaphthene	14.54	154	10930	0.355	ng	99
18) Fluorene	15.51	166	16051	0.361	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	5571	0.347	ng	100
21) Hexachlorobenzene	16.52	284	5113	0.268	ng	100
22) Pentachlorophenol	16.87	266	1236	0.319	ng	100
23) Phenanthrene	17.25	178	29675	0.353	ng	100
24) Anthracene	17.35	178	27622	0.384	ng	100
26) Fluoranthene	19.28	202	41212	0.347	ng	100
28) Pyrene	19.63	202	42389	0.375	ng	100
30) Benzo(a)anthracene	21.37	228	44195	0.383	ng	100
31) Chrysene	21.43	228	43690	0.354	ng	100
32) Bis(2-ethylhexyl)phthalate	21.31	149	47755	0.195	ng	100
33) Indeno(1,2,3-cd)pyrene	26.56	276	47100	0.362	ng	100
35) Benzo(b)fluoranthene	23.13	252	42350	0.348	ng	100
36) Benzo(k)fluoranthene	23.18	252	41910	0.329	ng	100
37) Benzo(a)pyrene	23.79	252	38903	0.334	ng	100
38) Dibenzo(a,h)anthracene	26.60	278	37792	0.343	ng	100
39) Benzo(g,h,i)perylene	27.39	276	39389	0.342	ng	100

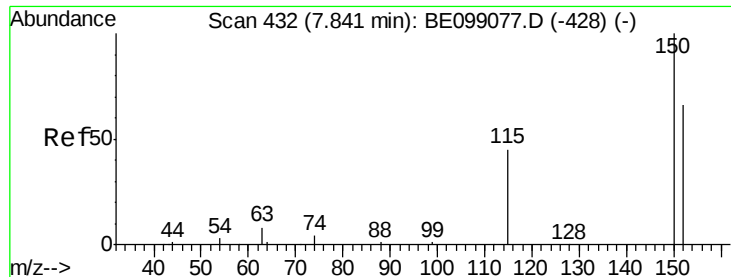
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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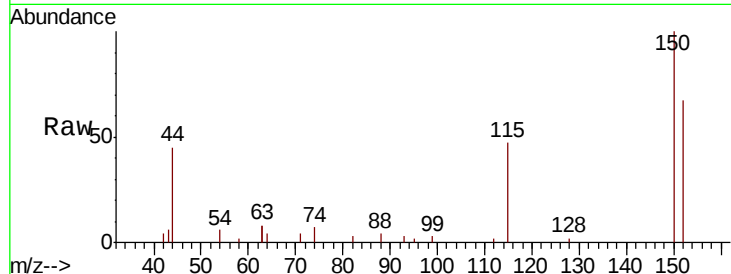




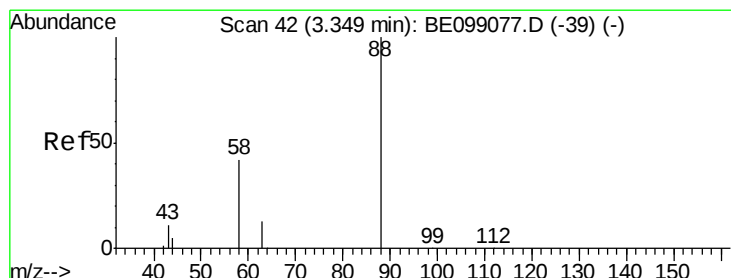
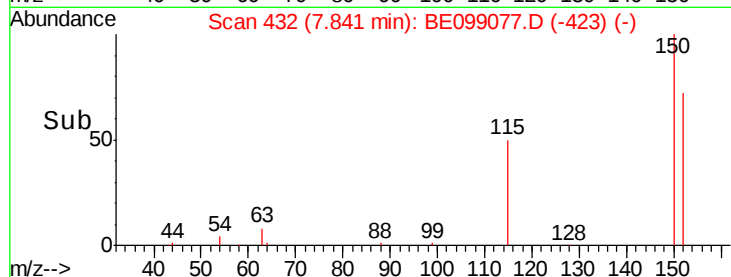
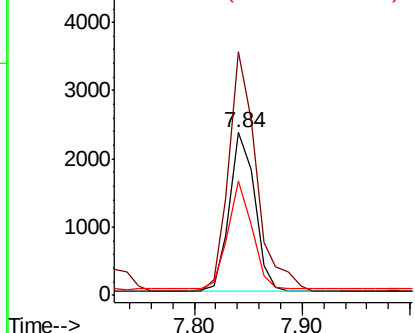
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.84 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BE099077.D
 Acq: 22 Mar 2019 12:05

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:152 Resp: 3830
 Ion Ratio Lower Upper
 152 100
 150 149.6 119.7 179.5
 115 70.6 56.5 84.7

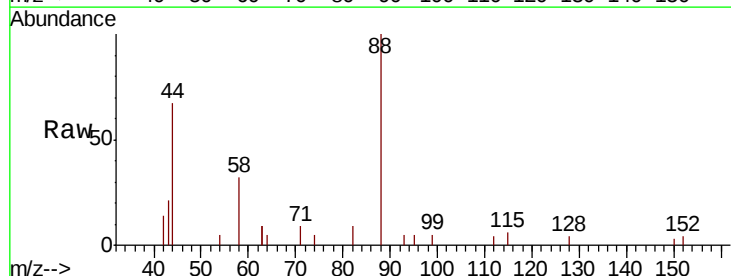


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

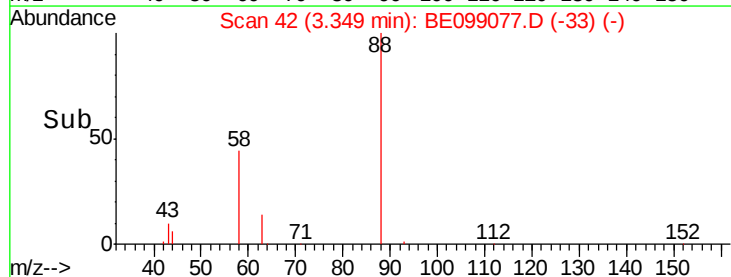
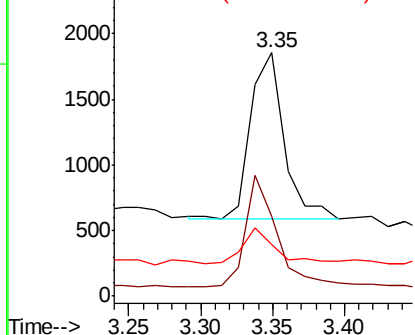


#2
 1,4-Dioxane
 Concen: 0.267 ng
 RT: 3.35 min Scan# 42
 Delta R.T. 0.00 min
 Lab File: BE099077.D
 Acq: 22 Mar 2019 12:05

Tgt Ion: 88 Resp: 2017
 Ion Ratio Lower Upper
 88 100
 58 64.8 45.5 68.3
 43 21.9 14.9 22.3



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



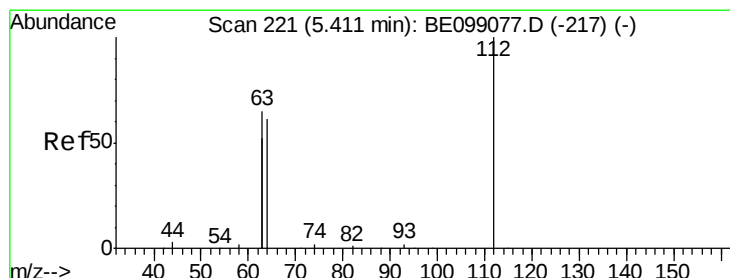
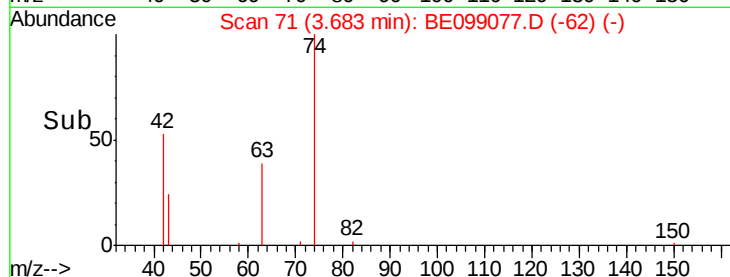
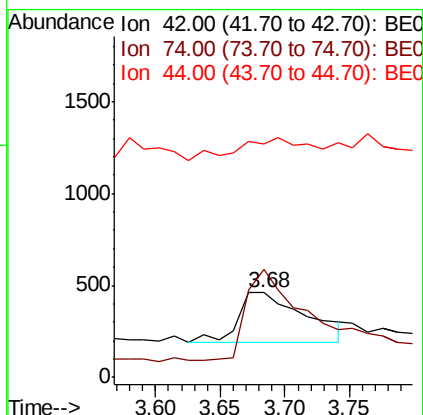
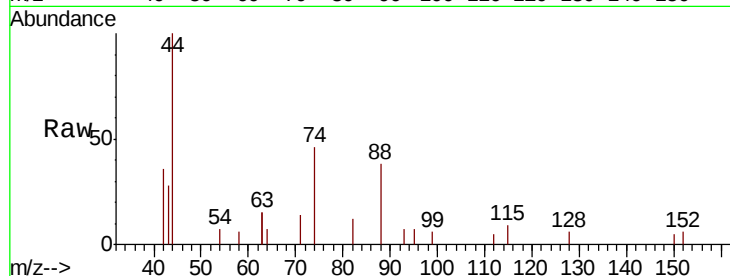


#3

n-Nitrosodimethylamine
 Concen: 0.103 ng
 RT: 3.68 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: BE099077.D
 Acq: 22 Mar 2019 12:05

Instrument :
 BNA_E
 ClientSampleId :

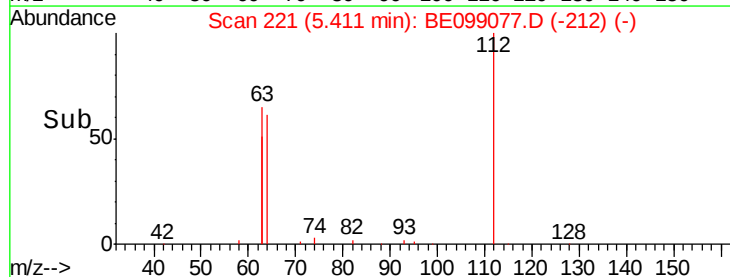
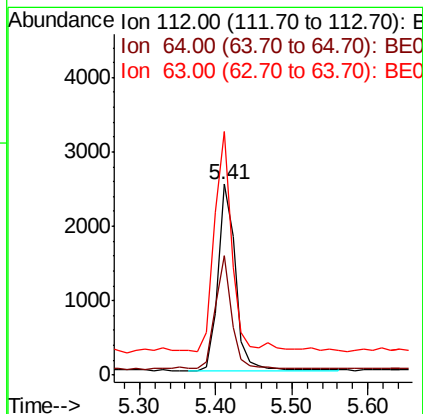
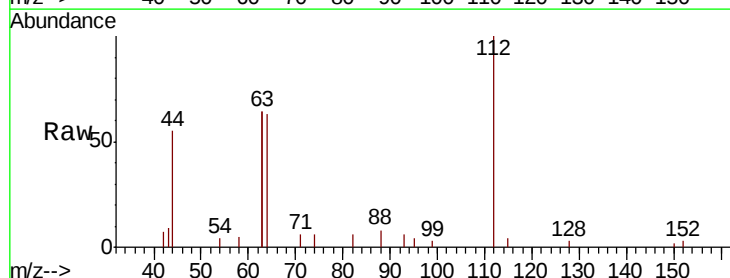
Tot Ion	42	Resp	997
Ion Ratio	Lower	Upper	
42	100		
74	153.4	0.0	0.0#
44	48.1	0.0	0.0#

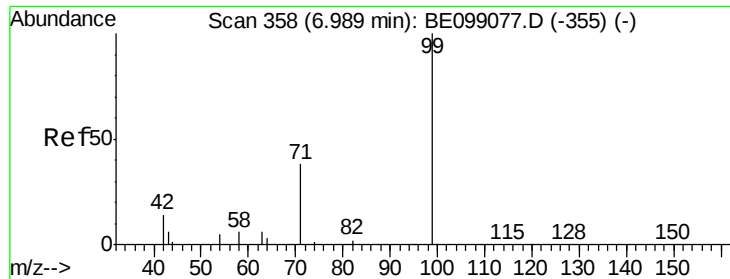


#4

2-Fluorophenol
 Concen: 0.355 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: BE099077.D
 Acq: 22 Mar 2019 12:05

Tgt Ion	112	Resp	4059
Ion Ratio	Lower	Upper	
112	100		
64	56.0	44.8	67.2
63	110.2	88.2	132.2





#5

Phenol-d6

Concen: 0.355 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

Instrument :

BNA_E

ClientSampleId :

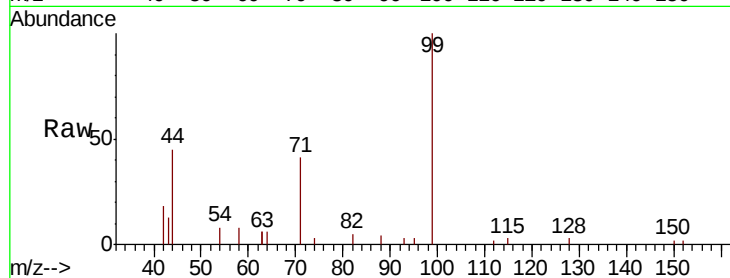
Tot Ion: 99 Resp: 5747

Ion Ratio Lower Upper

99 100

42 15.6 11.8 17.8

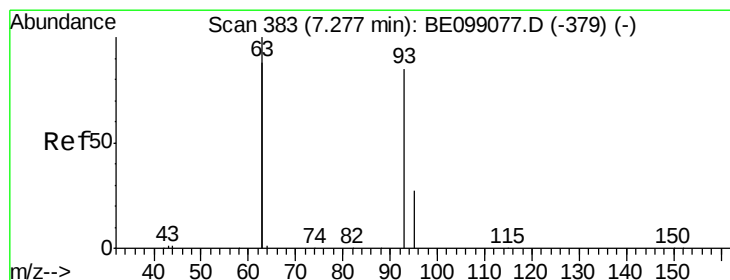
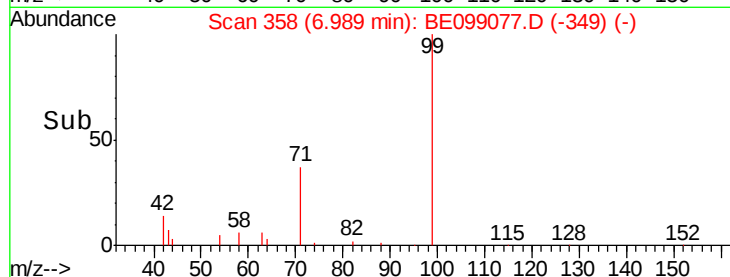
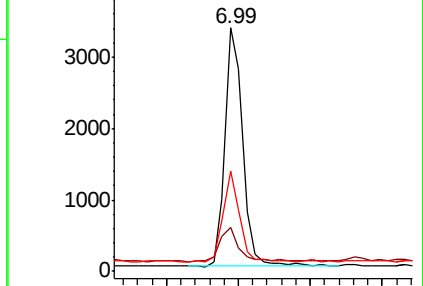
71 36.3 27.4 41.2



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: 0.382 ng

RT: 7.28 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

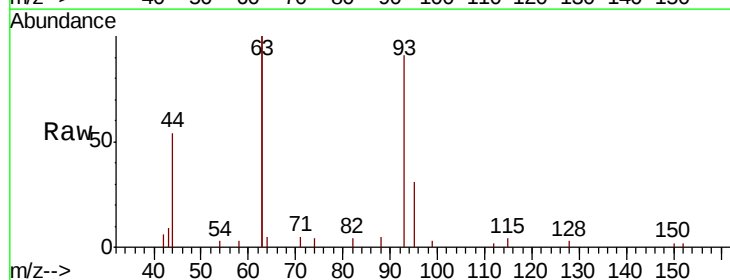
Tgt Ion: 93 Resp: 4769

Ion Ratio Lower Upper

93 100

63 288.3 230.3 345.5

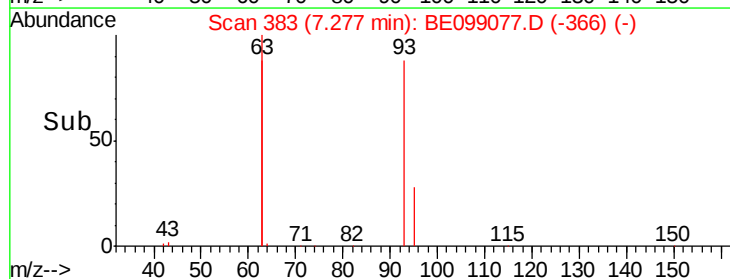
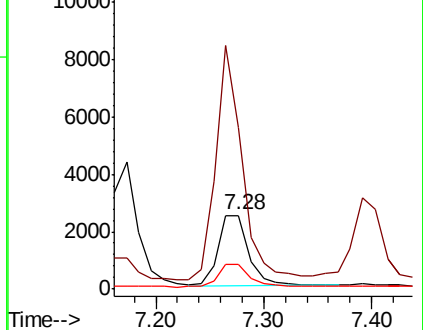
95 34.4 27.4 41.2

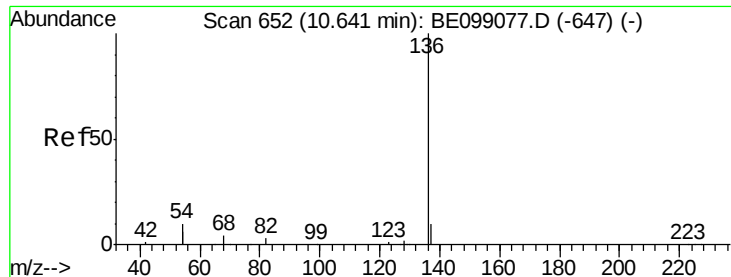


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.64 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 15189

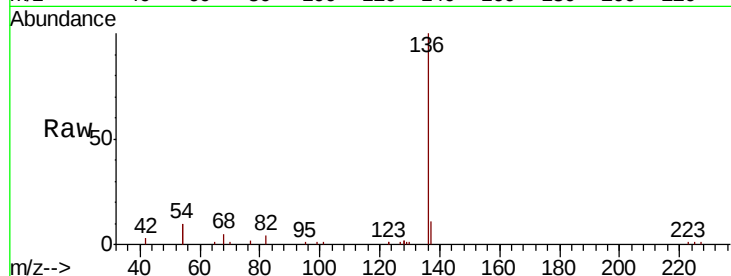
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 19.6 15.7 23.5

68 5.4 4.3 6.5

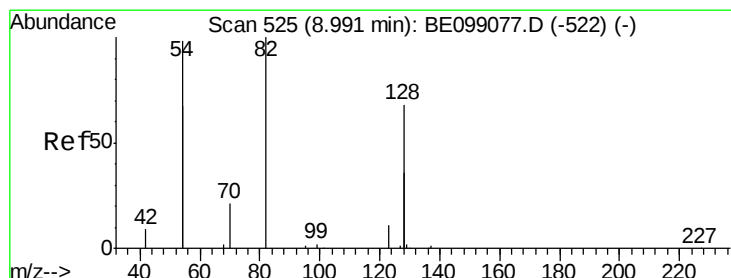
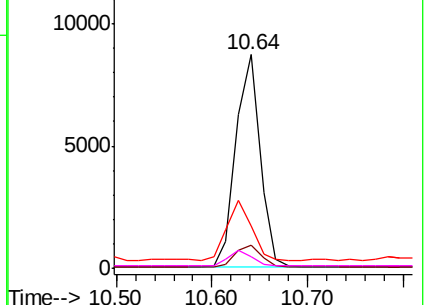
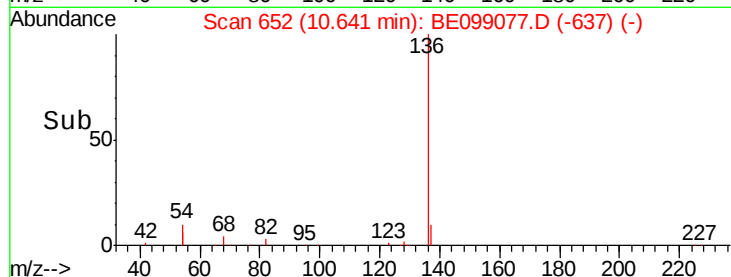


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.133 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

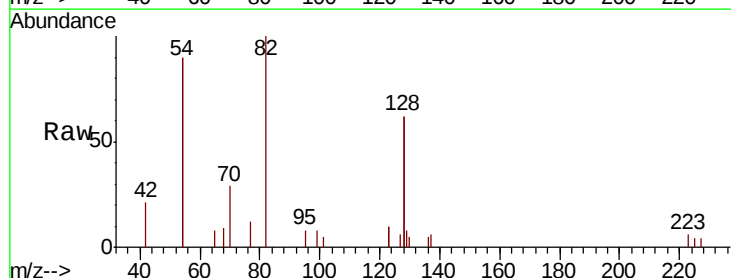
Tgt Ion: 82 Resp: 2119

Ion Ratio Lower Upper

82 100

128 123.5 98.8 148.2

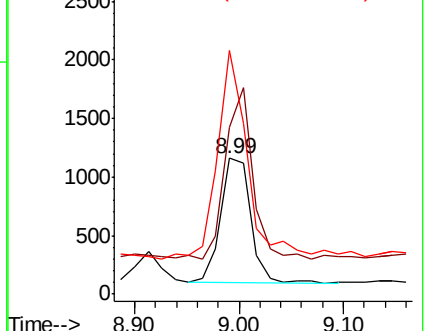
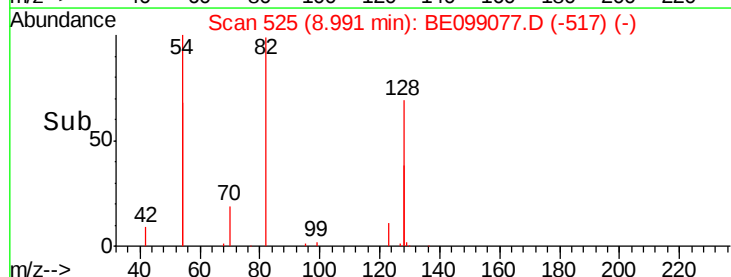
54 179.6 143.7 215.5

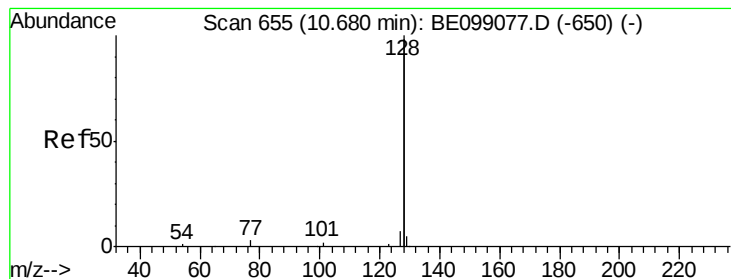


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.364 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

Instrument :

BNA_E

ClientSampleId :

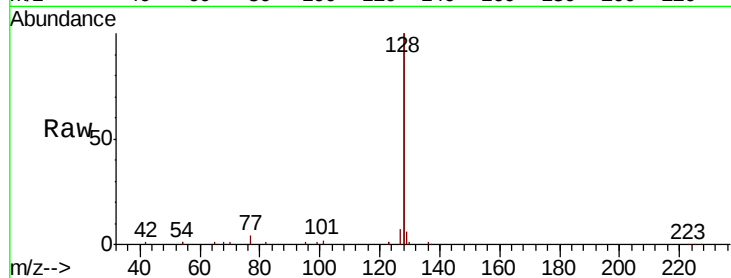
Tot Ion:128 Resp: 63342

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

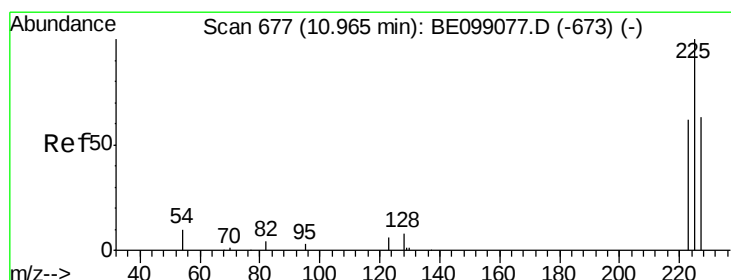
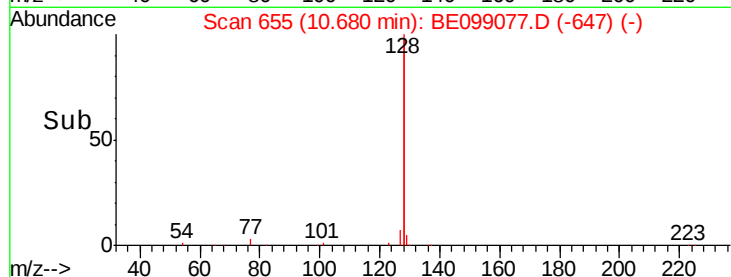
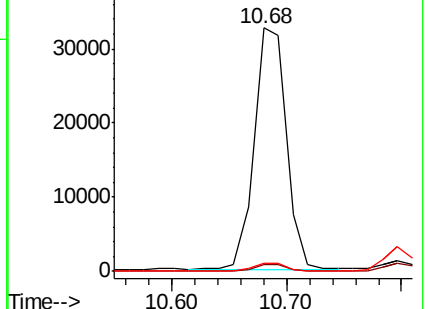
127 3.5 2.8 4.2



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: 0.274 ng

RT: 10.97 min Scan# 677

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

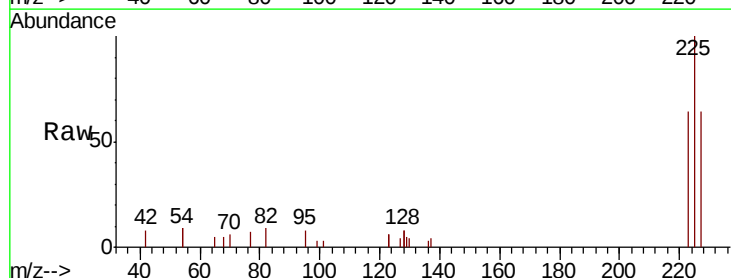
Tgt Ion:225 Resp: 3152

Ion Ratio Lower Upper

225 100

223 63.9 51.1 76.7

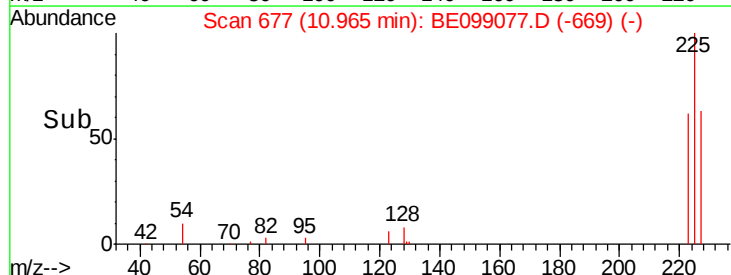
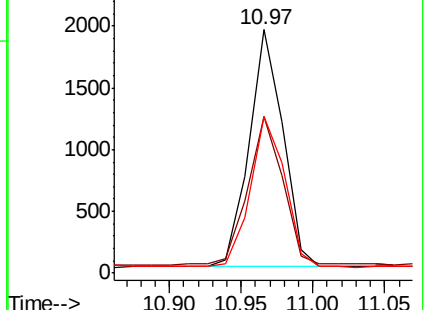
227 64.3 51.4 77.2

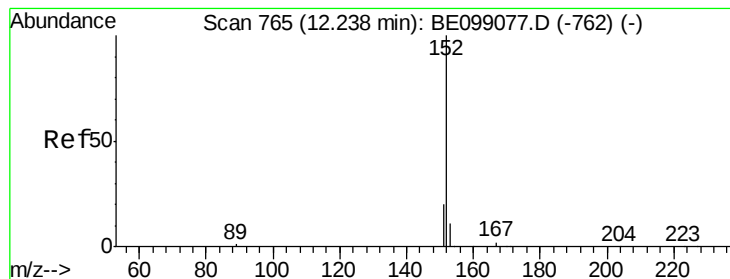


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.342 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

Instrument :

BNA_E

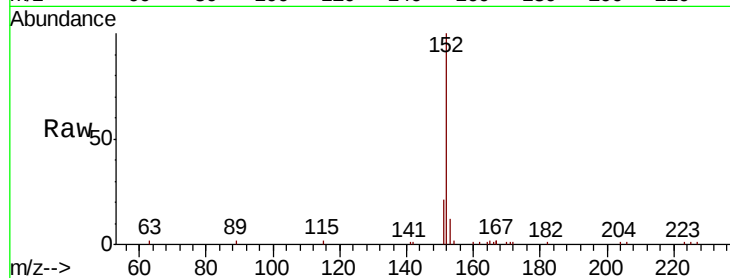
ClientSampled :

Tot Ion:152 Resp: 9599

Ion Ratio Lower Upper

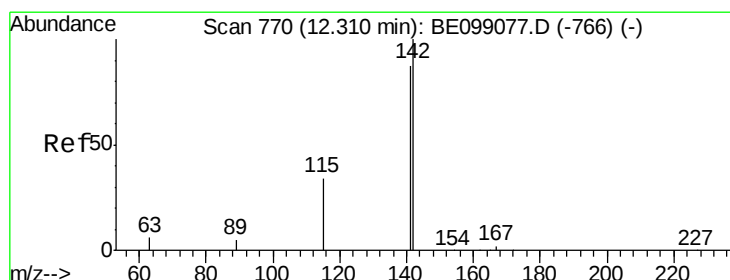
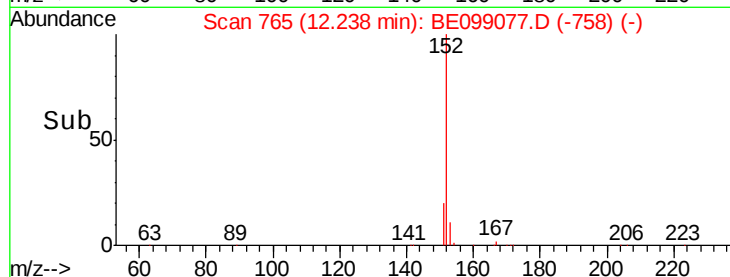
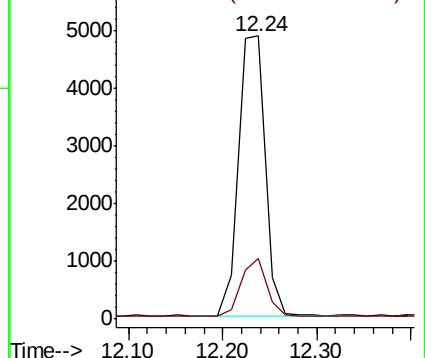
152 100

151 19.8 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.375 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

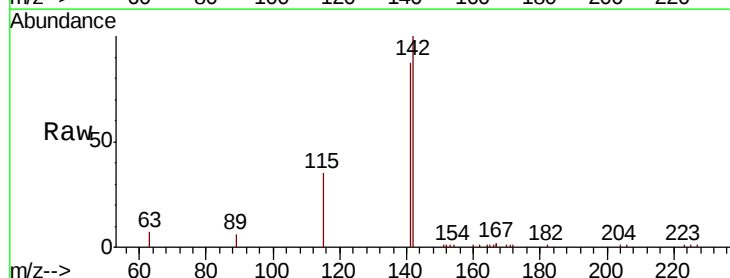
Tgt Ion:142 Resp: 10589

Ion Ratio Lower Upper

142 100

141 87.1 69.7 104.5

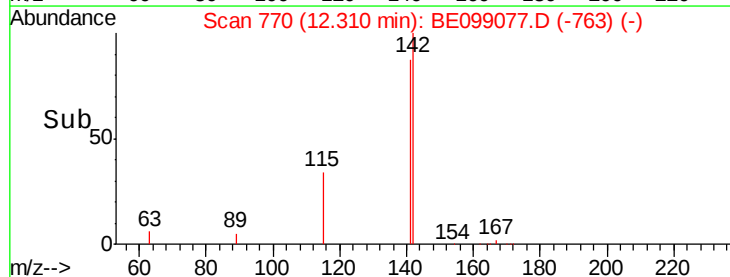
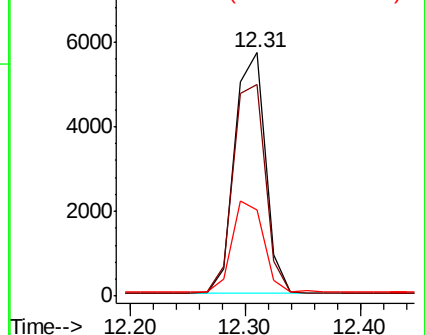
115 35.3 28.2 42.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

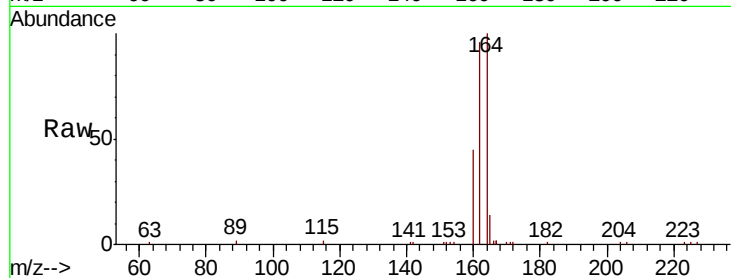




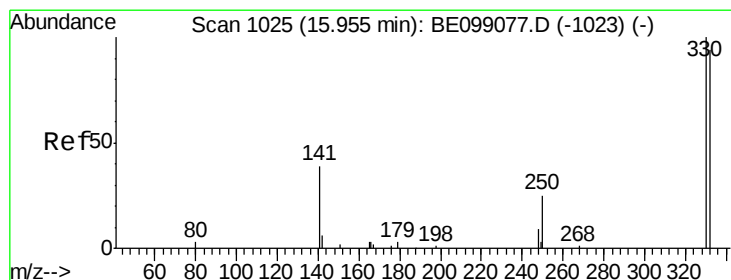
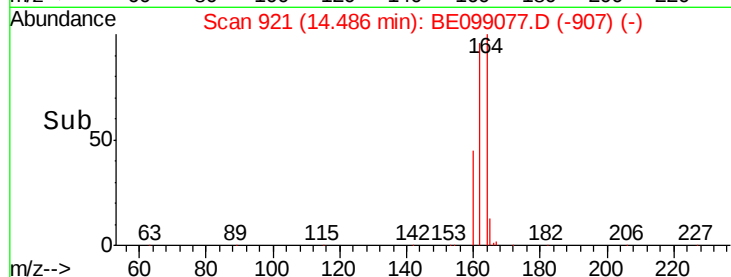
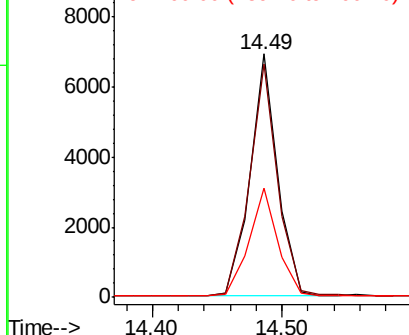
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 10098
Ion Ratio Lower Upper
164 100
162 96.0 76.8 115.2
160 45.1 36.1 54.1

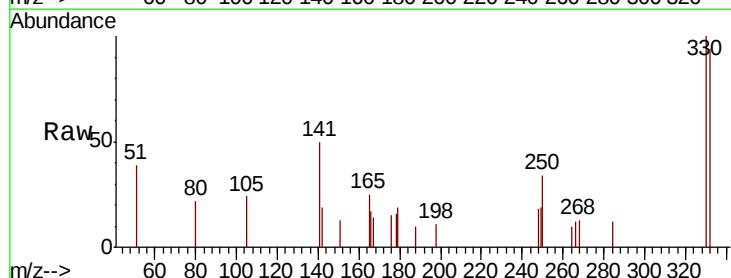


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

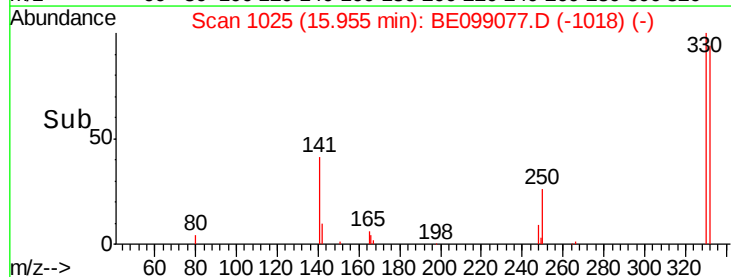
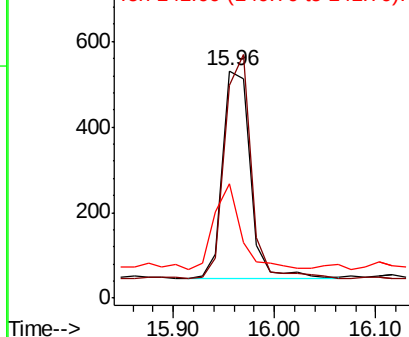


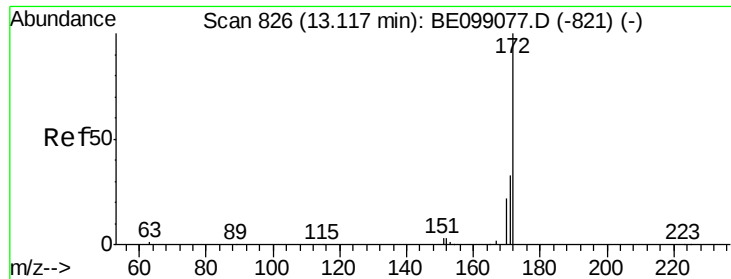
#14
2,4,6-Tribromophenol
Concen: 0.181 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion:330 Resp: 921
Ion Ratio Lower Upper
330 100
332 103.5 83.0 124.4
141 39.4 30.7 46.1



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

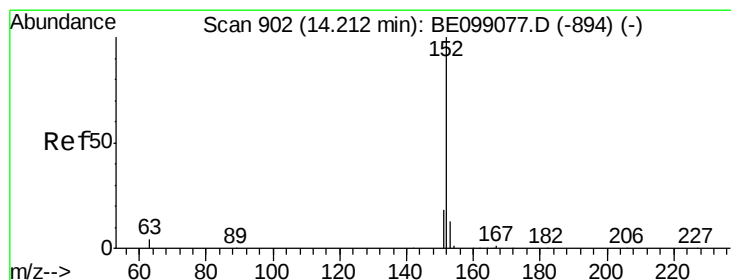
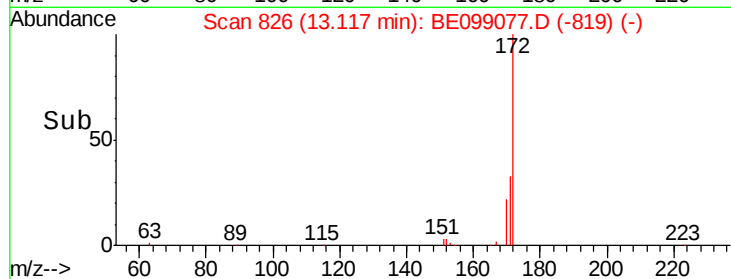
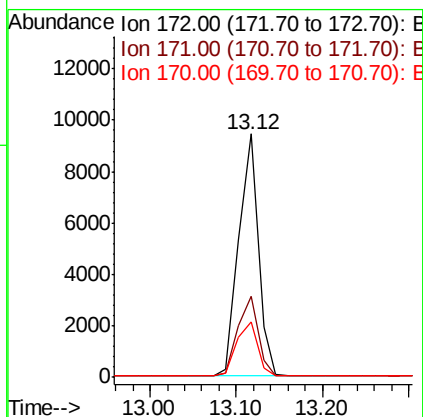
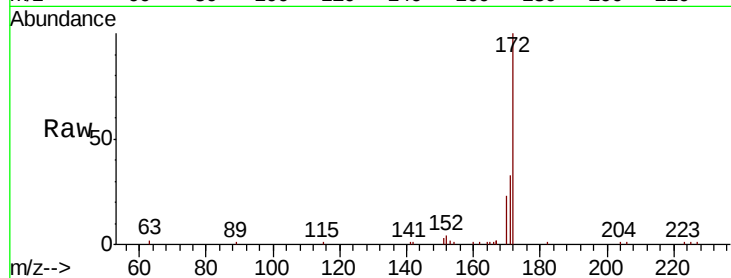




#15
 2-Fluorobiphenyl
 Concen: 0.352 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BE099077.D
 Acq: 22 Mar 2019 12:05

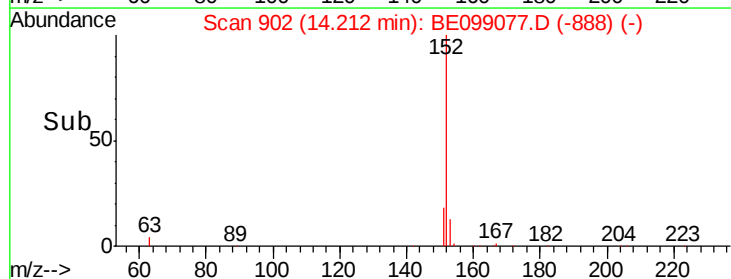
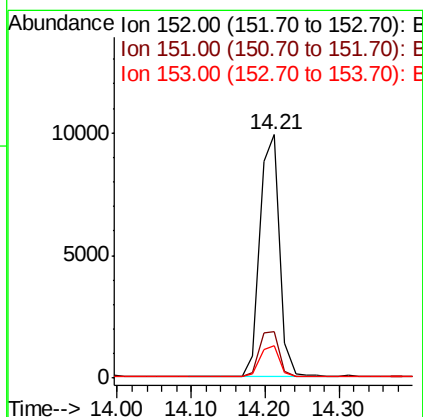
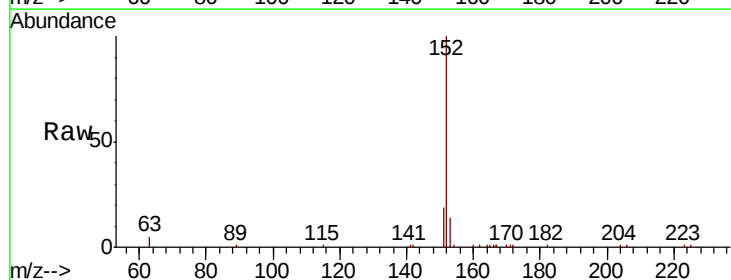
Instrument :
 BNA_E
 ClientSampleId :

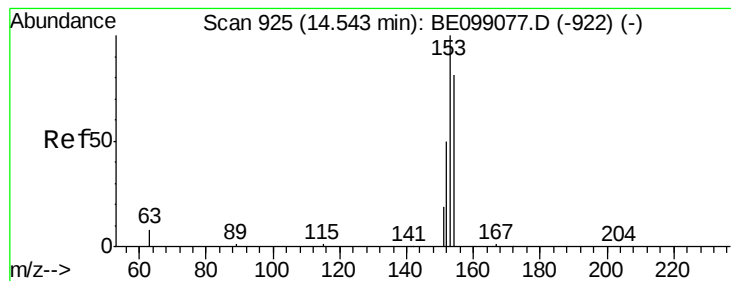
Tot Ion:172 Resp: 14707
 Ion Ratio Lower Upper
 172 100
 171 33.4 26.7 40.1
 170 22.6 18.1 27.1



#16
 Acenaphthylene
 Concen: 0.351 ng
 RT: 14.21 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BE099077.D
 Acq: 22 Mar 2019 12:05

Tgt Ion:152 Resp: 18240
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.7 23.5
 153 12.8 10.2 15.4





#17

Acenaphthene

Concen: 0.355 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

Instrument :

BNA_E

ClientSampled :

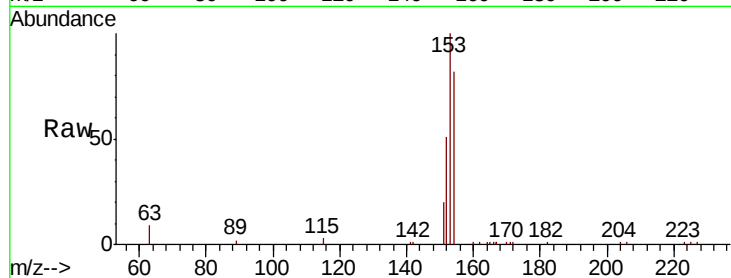
Tot Ion:154 Resp: 10930

Ion Ratio Lower Upper

154 100

153 117.7 94.9 142.3

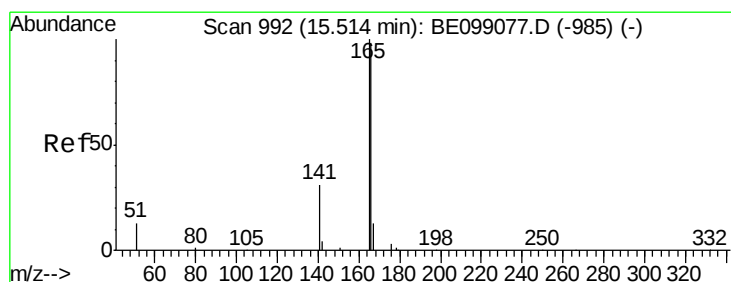
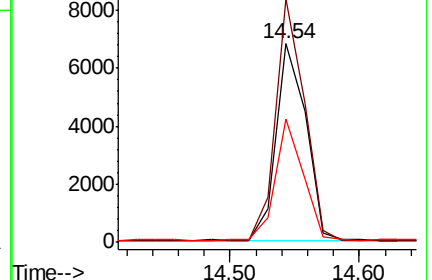
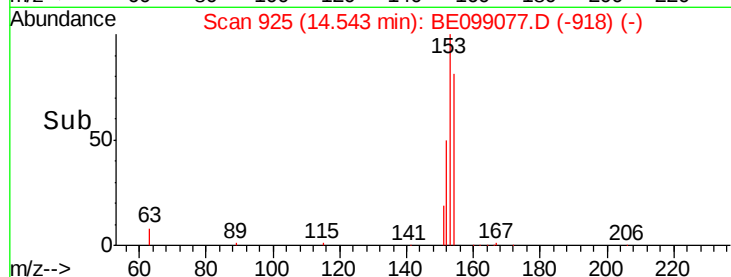
152 56.9 45.8 68.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.361 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

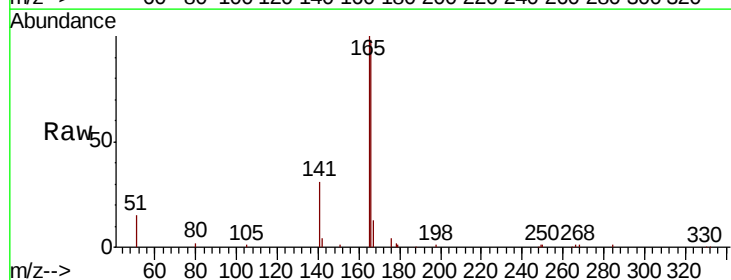
Tgt Ion:166 Resp: 16051

Ion Ratio Lower Upper

166 100

165 99.3 79.4 119.2

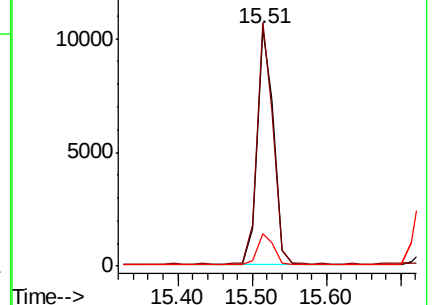
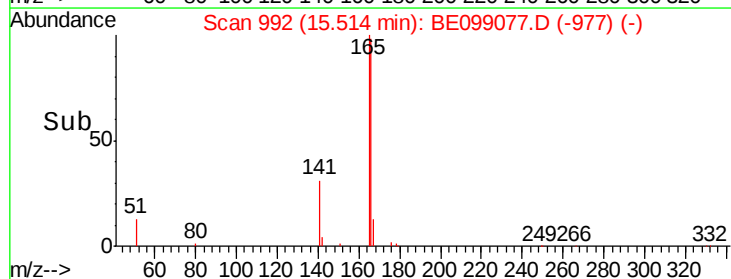
167 13.5 10.8 16.2

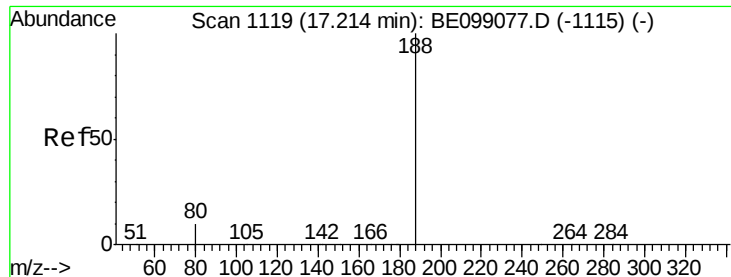


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

Instrument :

BNA_E

ClientSampled :

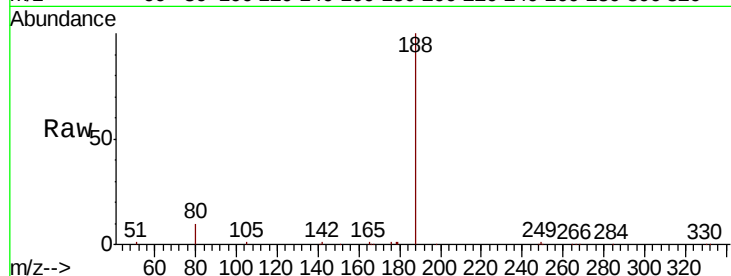
Tot Ion:188 Resp: 29581

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

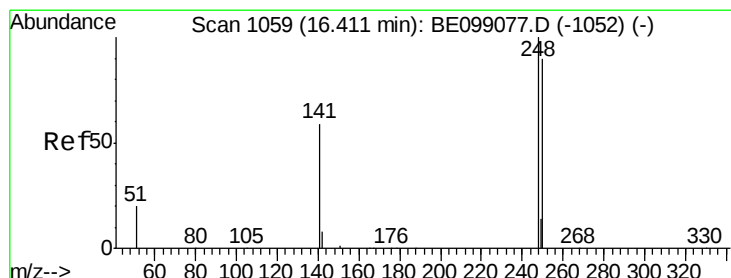
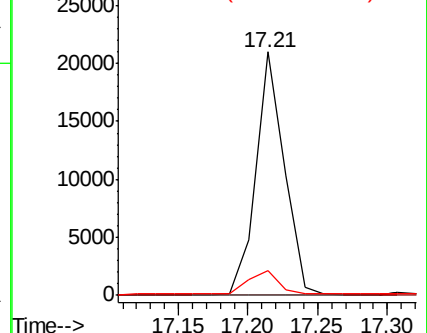
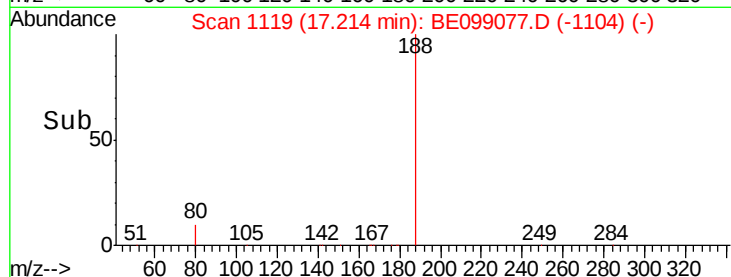
80 10.1 8.1 12.1



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: 0.347 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

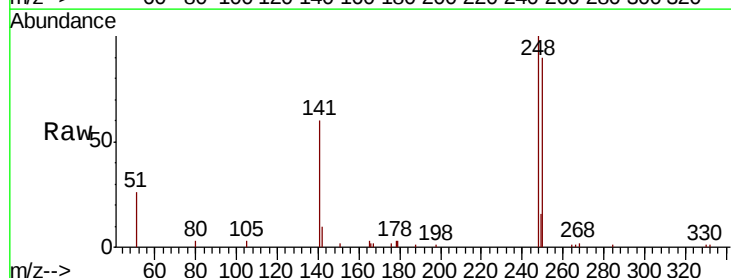
Tgt Ion:248 Resp: 5571

Ion Ratio Lower Upper

248 100

250 90.0 72.0 108.0

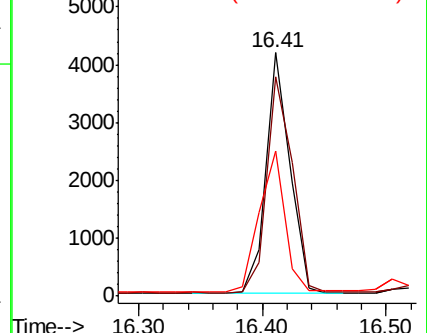
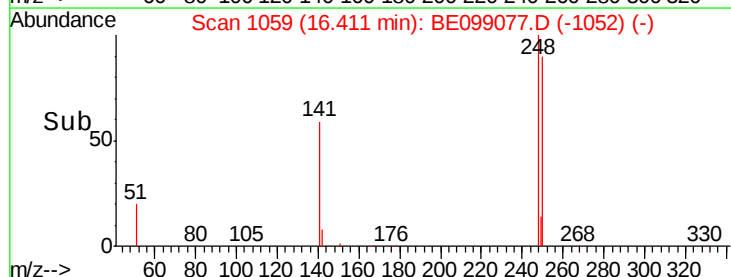
141 59.8 47.8 71.8

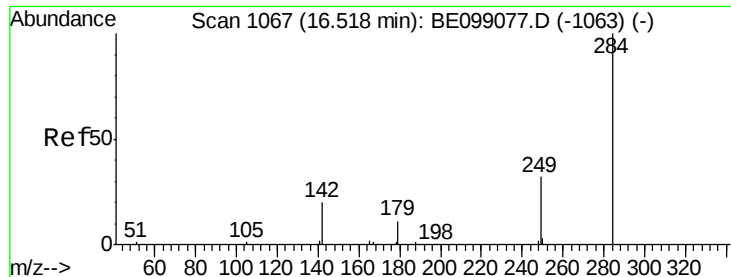


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.268 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

Instrument :

BNA_E

ClientSampleId :

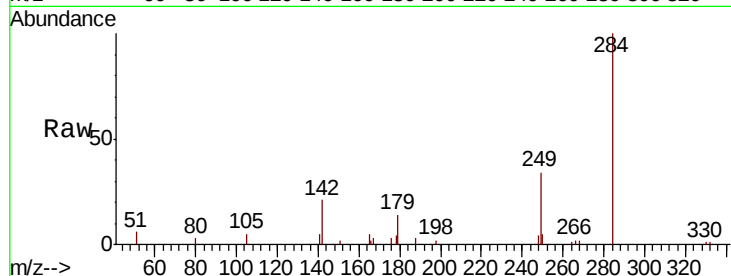
Tot Ion:284 Resp: 5113

Ion Ratio Lower Upper

284 100

142 35.6 28.5 42.7

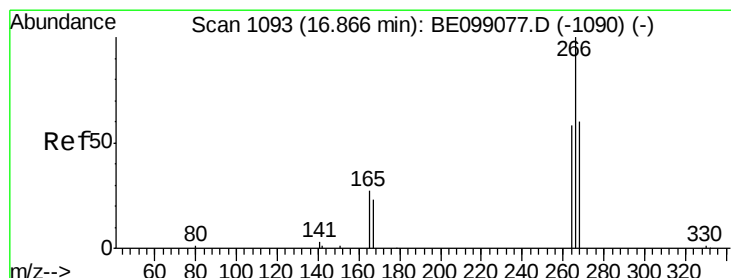
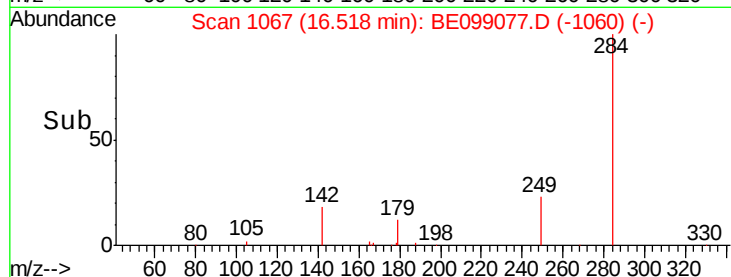
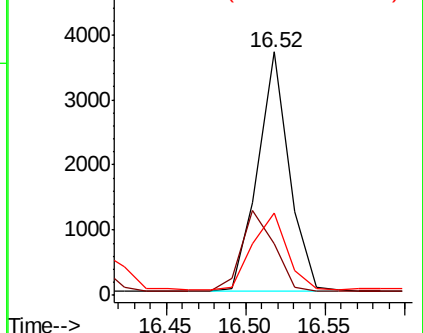
249 35.3 28.2 42.4



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: 0.319 ng

RT: 16.87 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

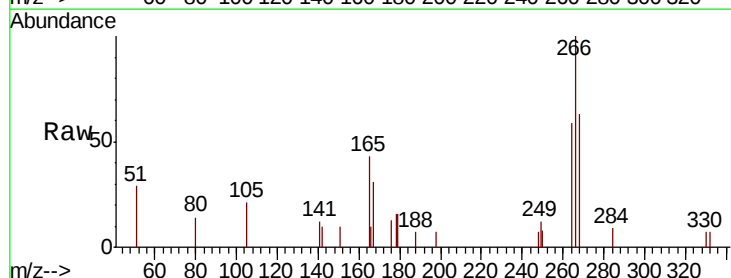
Tgt Ion:266 Resp: 1236

Ion Ratio Lower Upper

266 100

264 59.2 47.4 71.0

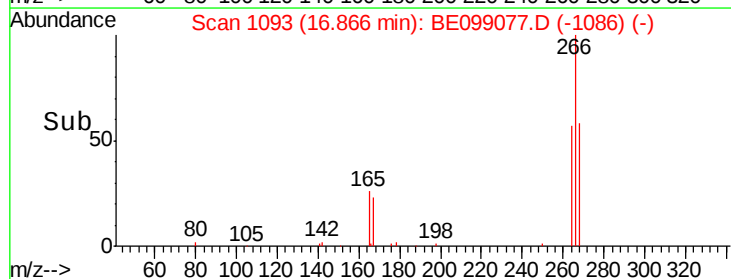
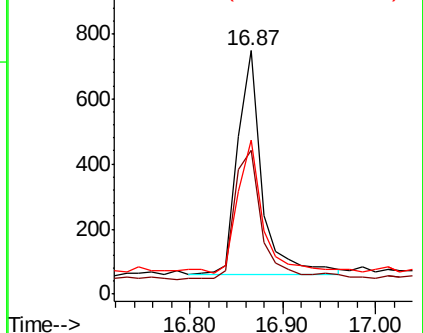
268 63.4 50.7 76.1

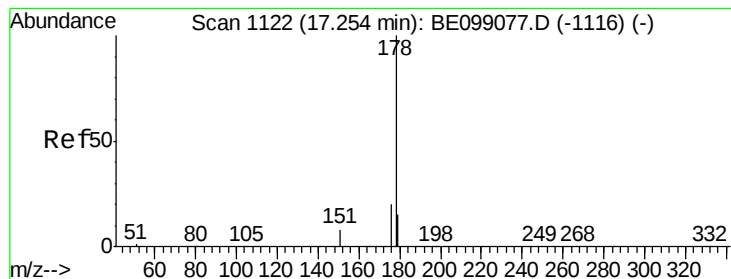


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.353 ng

RT: 17.25 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

Instrument :

BNA_E

ClientSampleId :

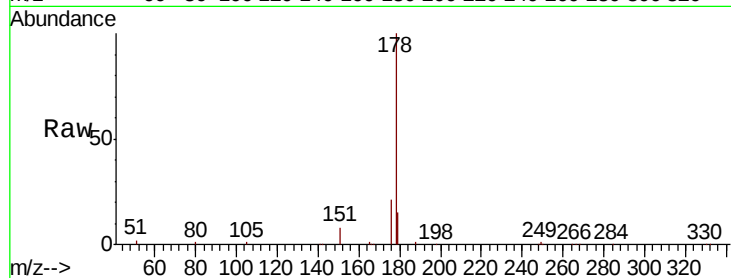
Tot Ion:178 Resp: 29675

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

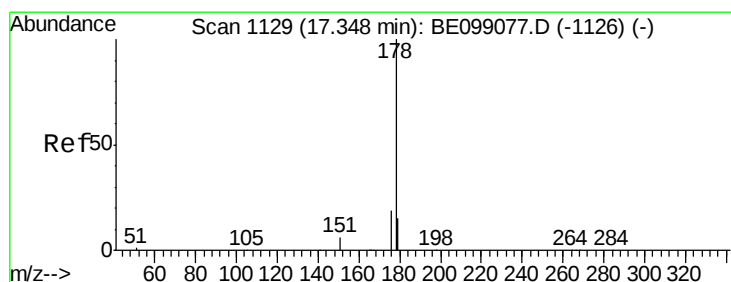
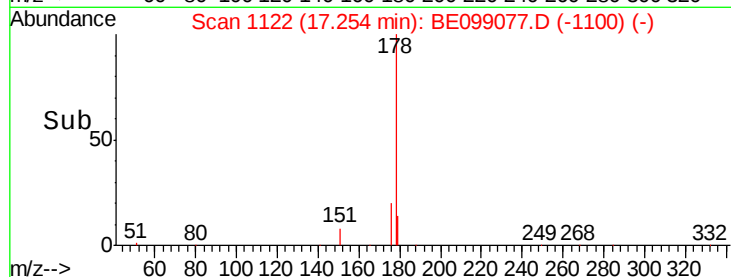
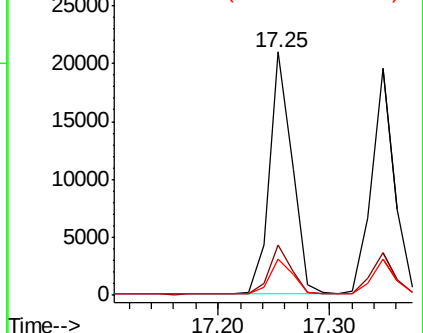
179 15.1 12.1 18.1



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: 0.384 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

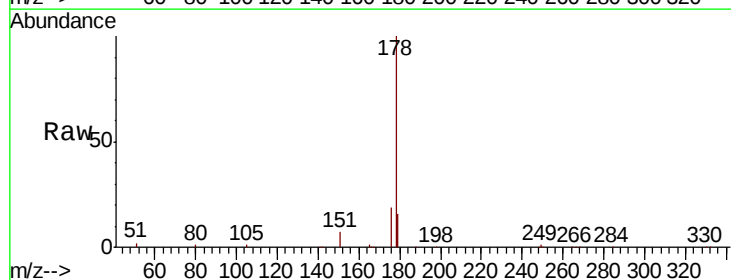
Tgt Ion:178 Resp: 27622

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

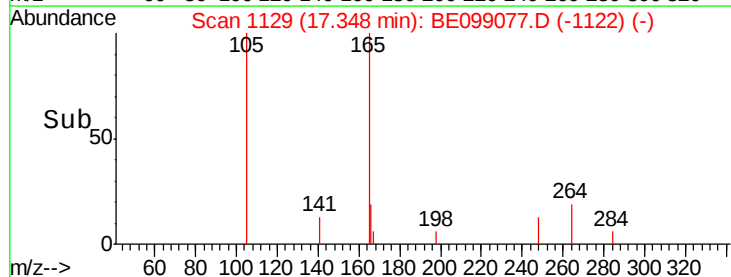
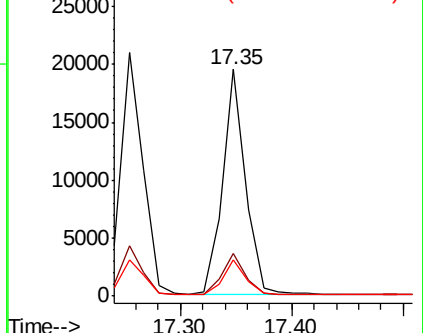
179 15.5 12.4 18.6

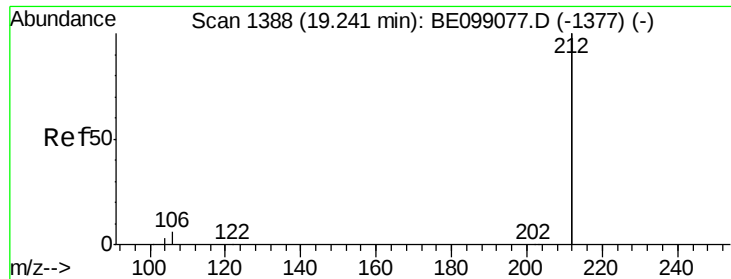


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

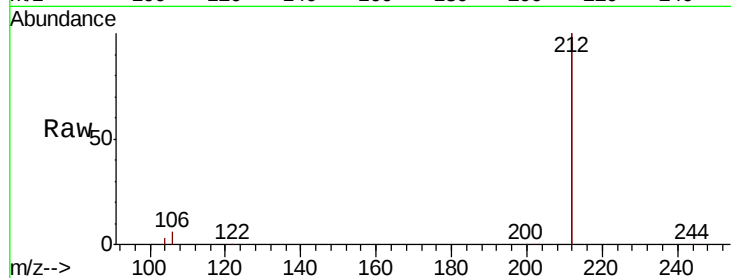




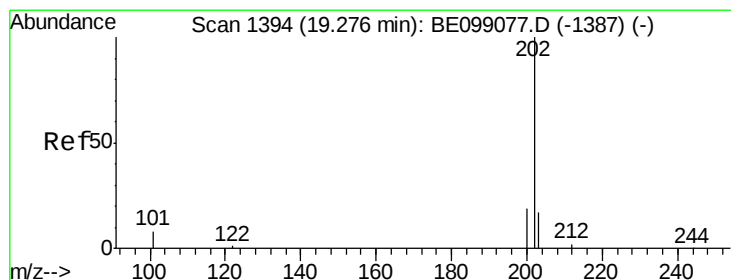
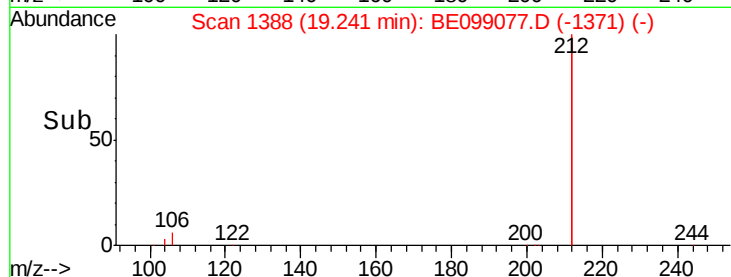
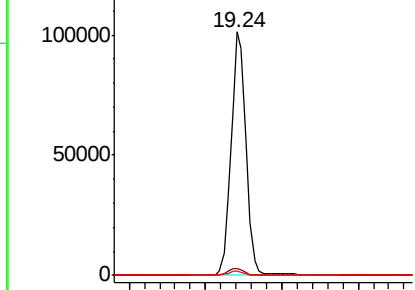
#25
 Fluoranthene-d10
 Concen: 0.290 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BE099077.D
 Acq: 22 Mar 2019 12:05

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 136710
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.2 3.4
 104 1.6 1.3 1.9

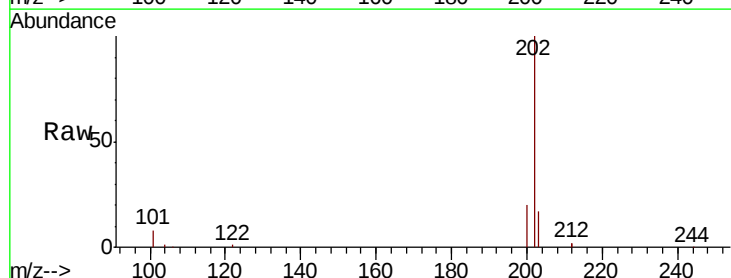


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

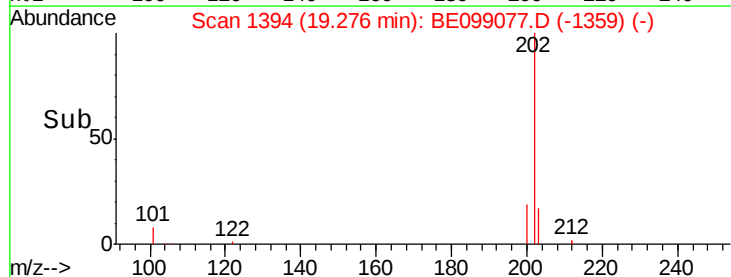
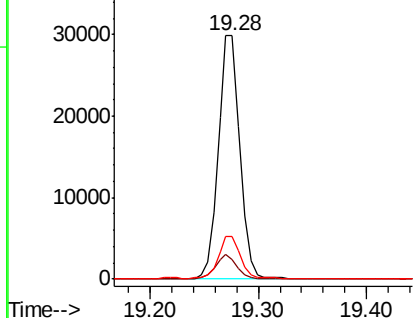


#26
 Fluoranthene
 Concen: 0.347 ng
 RT: 19.28 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BE099077.D
 Acq: 22 Mar 2019 12:05

Tgt Ion:202 Resp: 41212
 Ion Ratio Lower Upper
 202 100
 101 9.4 7.5 11.3
 203 17.1 13.7 20.5



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

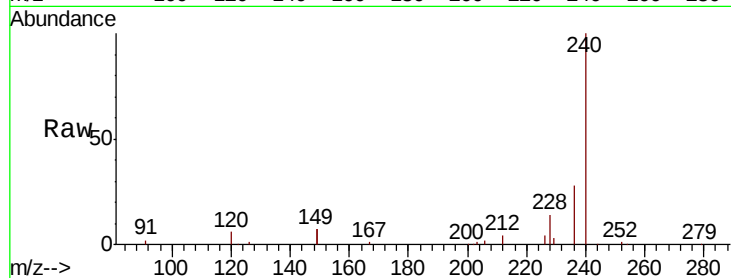




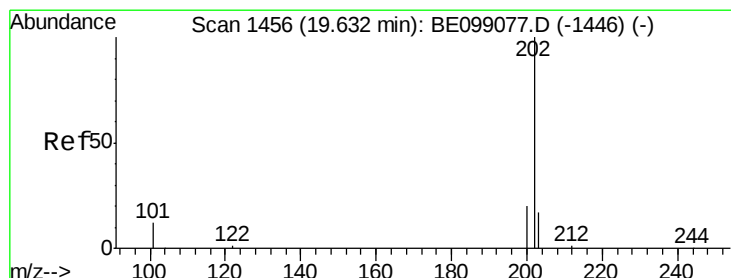
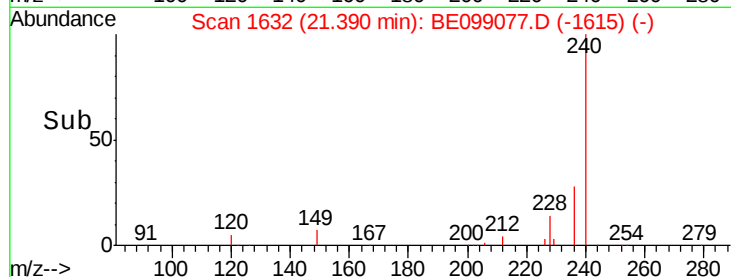
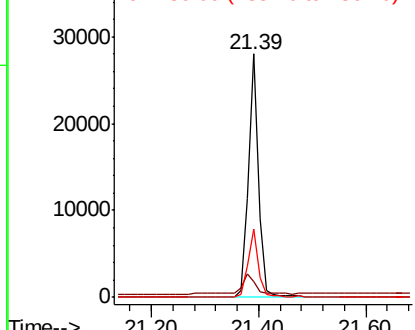
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BE099077.D
 Acq: 22 Mar 2019 12:05

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 36958
 Ion Ratio Lower Upper
 240 100
 120 6.3 5.0 7.6
 236 27.8 22.2 33.4

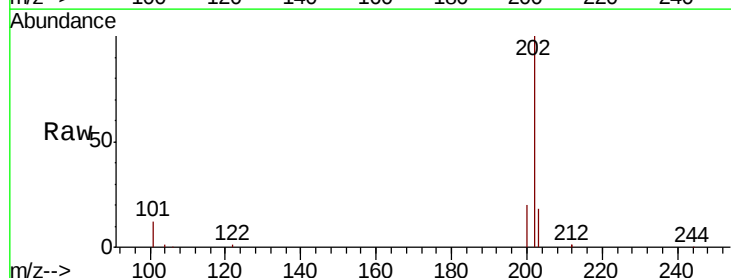


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

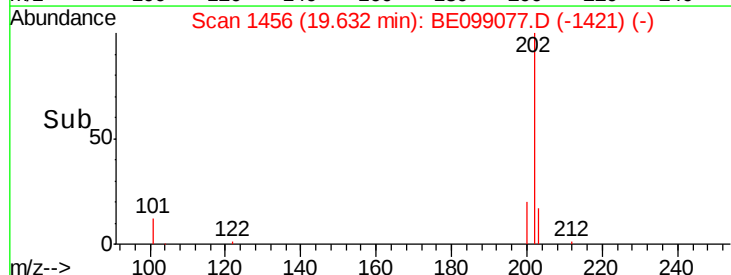
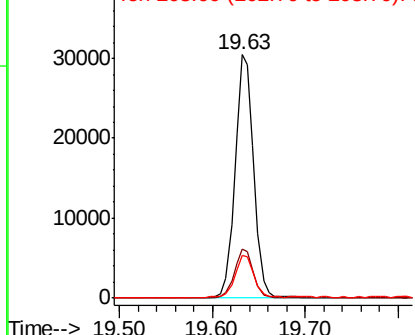


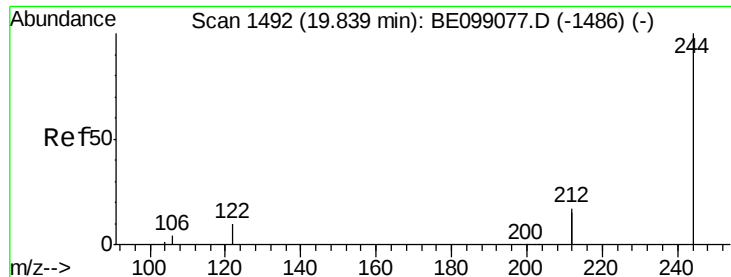
#28
 Pyrene
 Concen: 0.375 ng
 RT: 19.63 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BE099077.D
 Acq: 22 Mar 2019 12:05

Tgt Ion:202 Resp: 42389
 Ion Ratio Lower Upper
 202 100
 200 20.1 16.1 24.1
 203 17.5 14.0 21.0



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: 0.306 ng

RT: 19.84 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

Instrument :

BNA_E

ClientSampled :

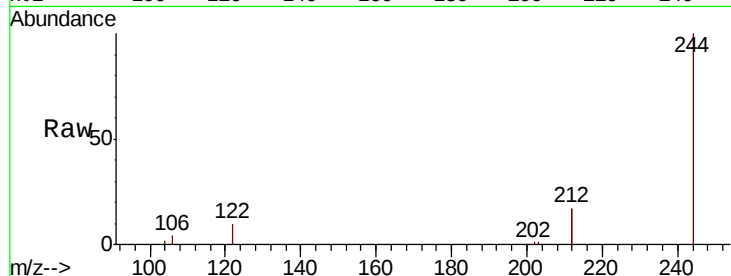
Tot Ion:244 Resp: 27507

Ion Ratio Lower Upper

244 100

212 33.6 26.9 40.3

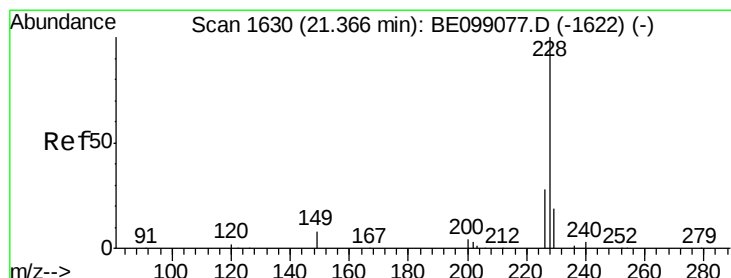
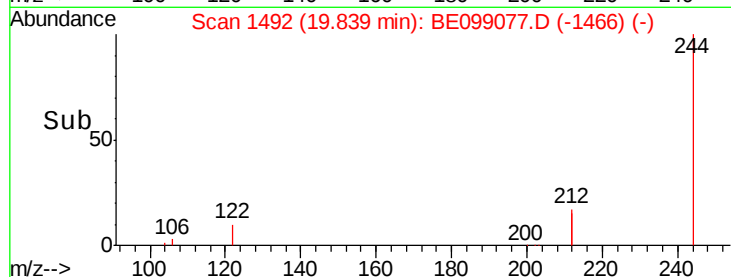
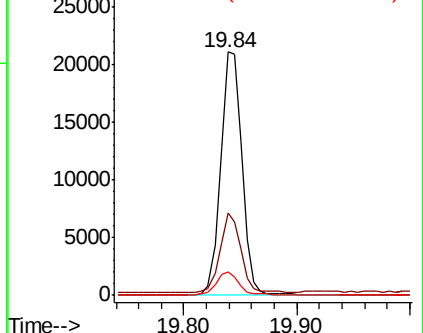
122 9.8 7.8 11.8



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: 0.383 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

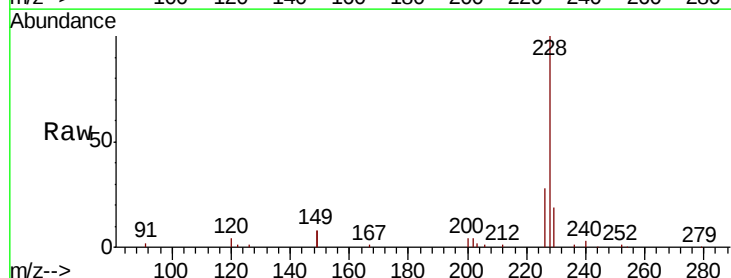
Tgt Ion:228 Resp: 44195

Ion Ratio Lower Upper

228 100

226 28.0 22.4 33.6

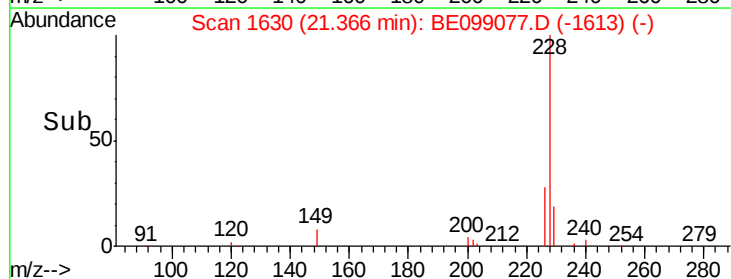
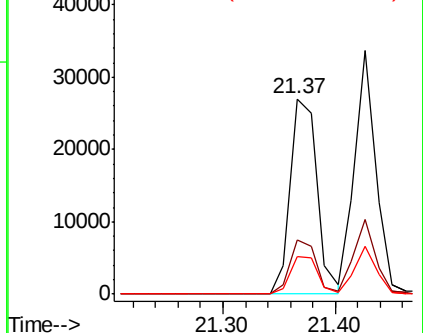
229 19.5 15.6 23.4

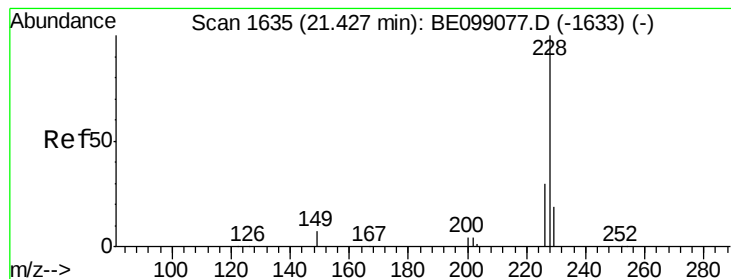


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.354 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

Instrument :

BNA_E

ClientSampleId :

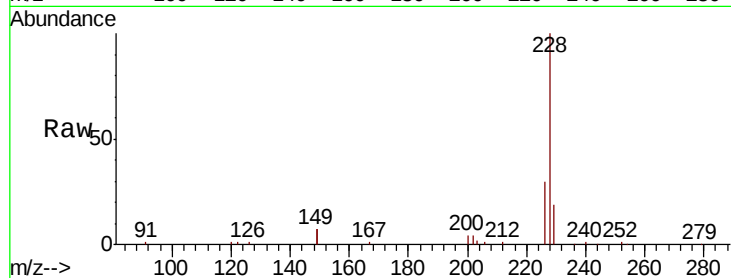
Tot Ion:228 Resp: 43690

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

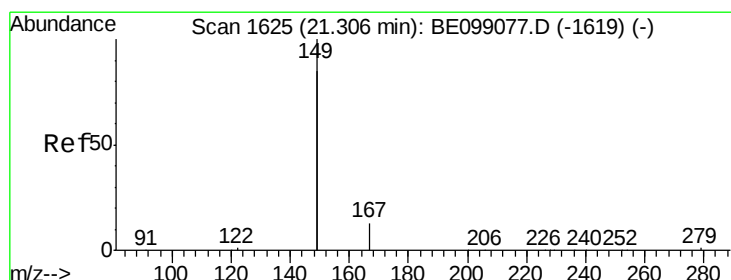
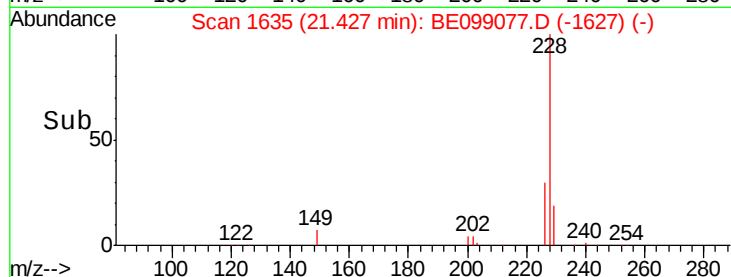
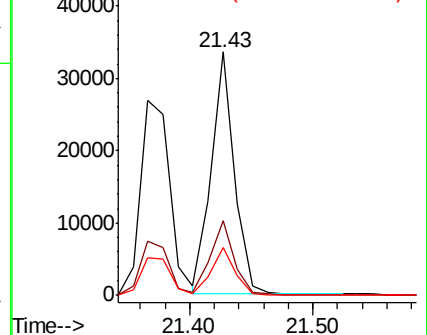
229 19.4 15.5 23.3



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: 0.195 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

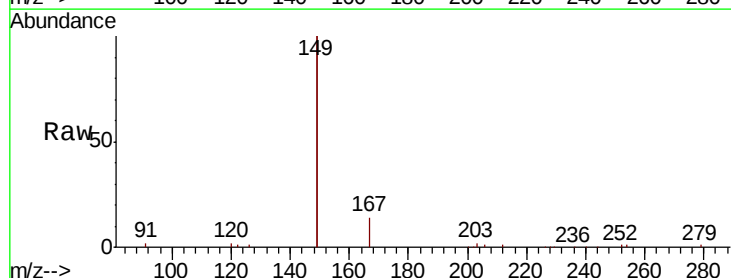
Tgt Ion:149 Resp: 47755

Ion Ratio Lower Upper

149 100

167 7.1 5.7 8.5

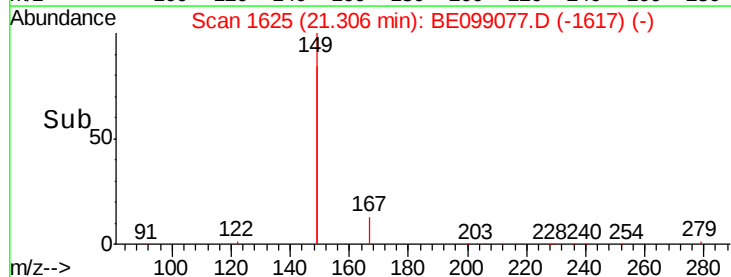
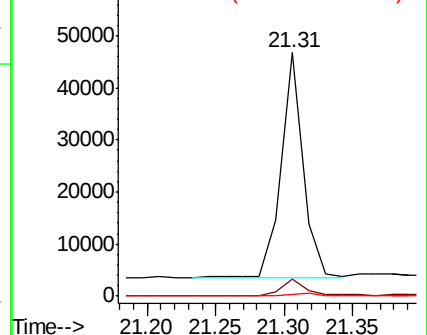
279 1.0 0.8 1.2

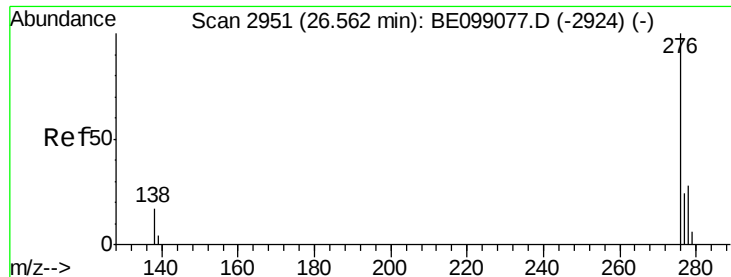


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

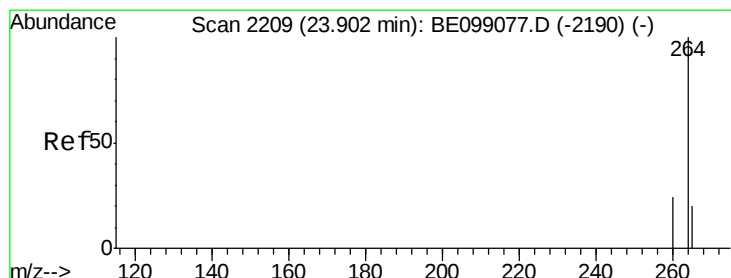
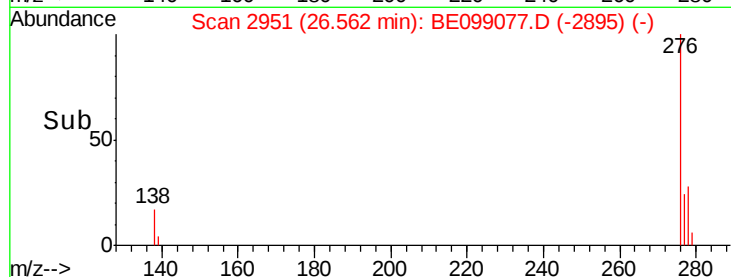
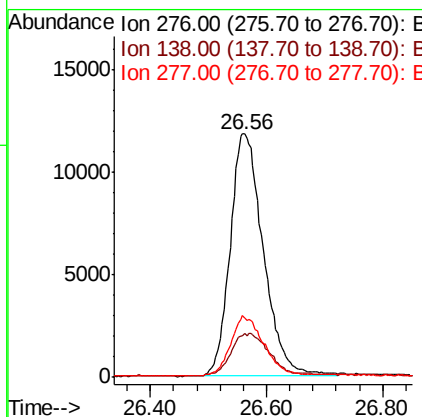
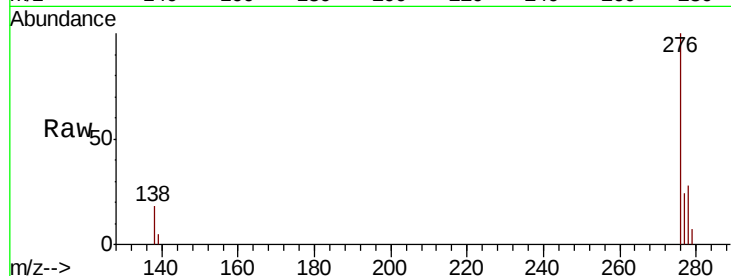




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.362 ng
 RT: 26.56 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: BE099077.D
 Acq: 22 Mar 2019 12:05

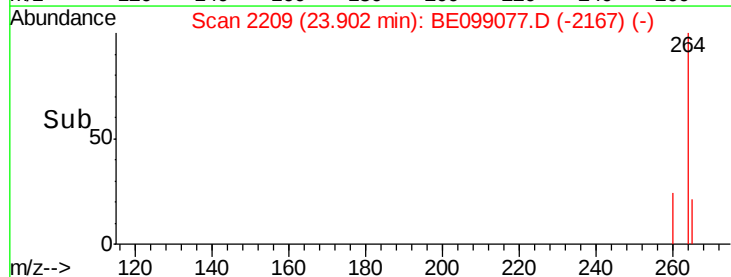
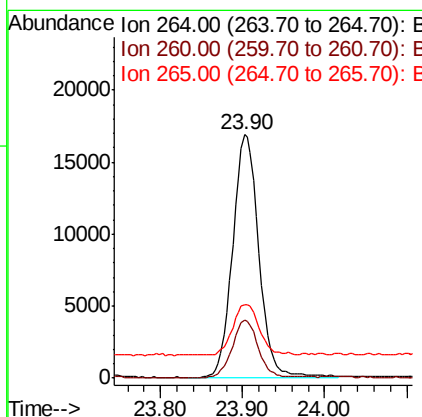
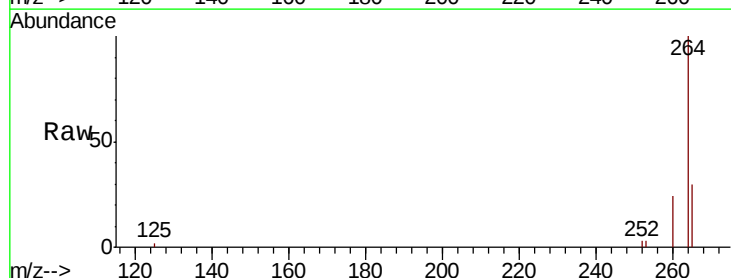
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 47100
 Ion Ratio Lower Upper
 276 100
 138 19.7 15.8 23.8
 277 24.2 19.4 29.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: BE099077.D
 Acq: 22 Mar 2019 12:05

Tgt Ion:264 Resp: 36960
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 30.1 24.1 36.1





#35

Benzo(b)fluoranthene

Concen: 0.348 ng

RT: 23.13 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

Instrument :

BNA_E

ClientSampleId :

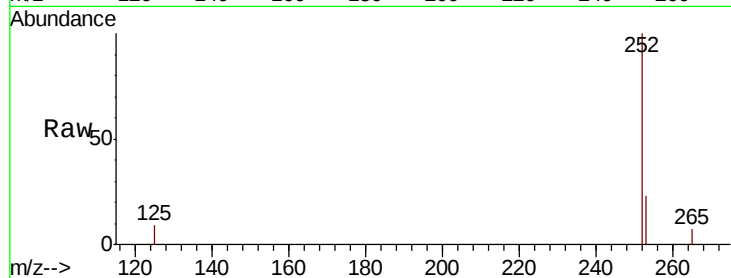
Tot Ion:252 Resp: 42350

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

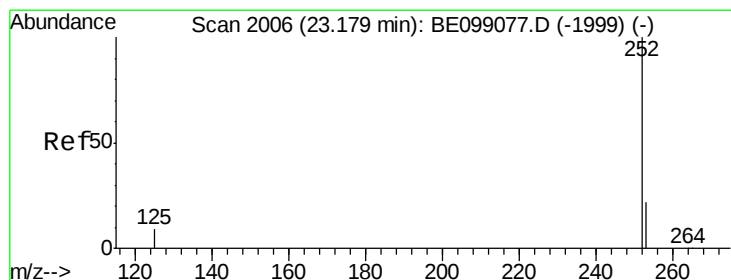
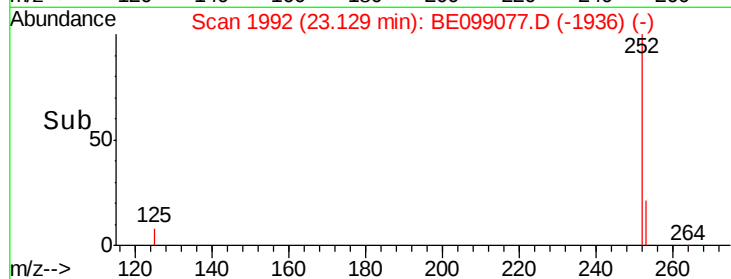
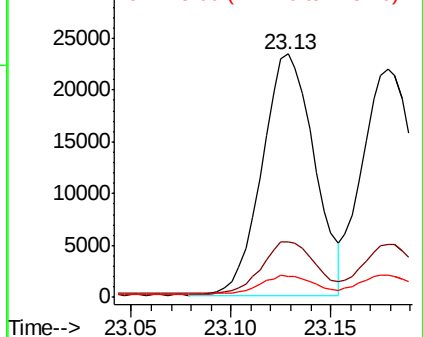
125 8.7 7.0 10.4



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: 0.329 ng

RT: 23.18 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

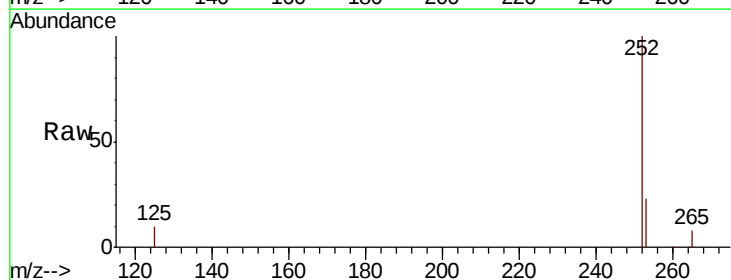
Tgt Ion:252 Resp: 41910

Ion Ratio Lower Upper

252 100

253 23.3 18.6 28.0

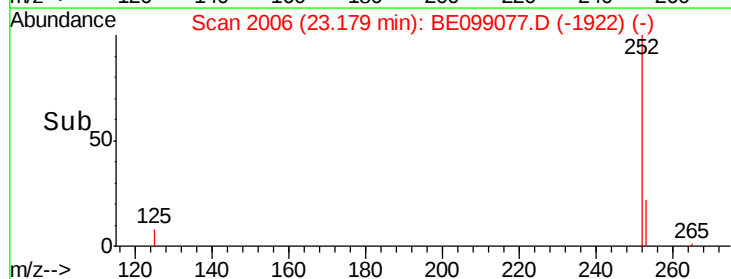
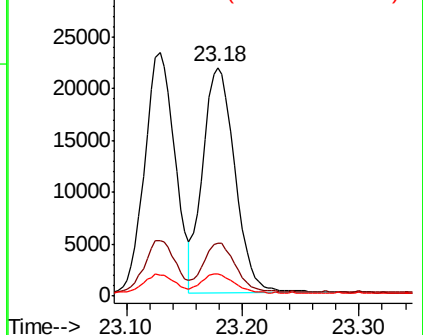
125 9.7 7.8 11.6



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: 0.334 ng

RT: 23.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

Instrument :

BNA_E

ClientSampleId :

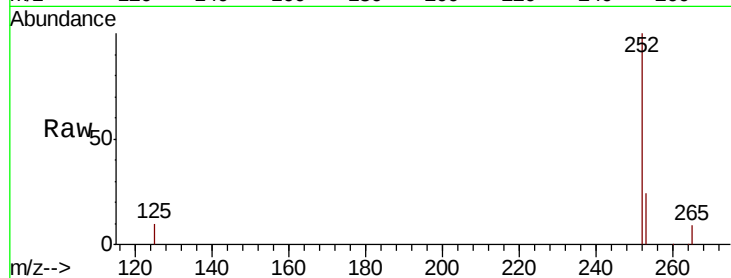
Tot Ion:252 Resp: 38903

Ion Ratio Lower Upper

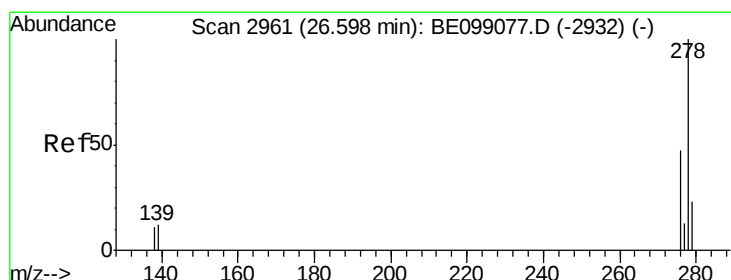
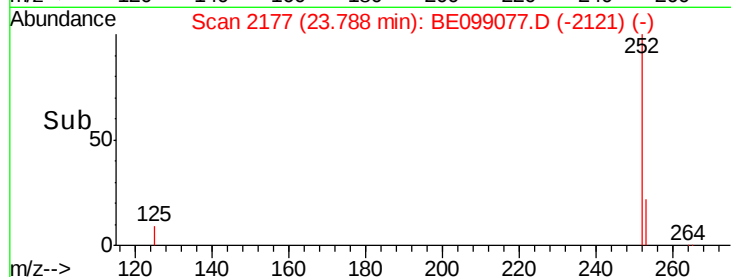
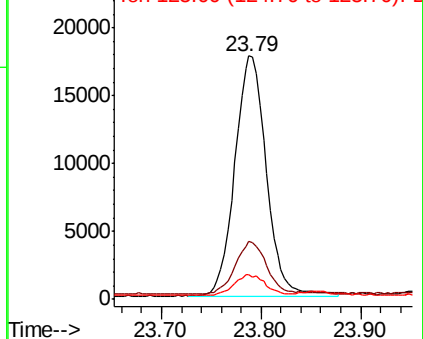
252 100

253 24.1 19.3 28.9

125 10.4 8.3 12.5



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: 0.343 ng

RT: 26.60 min Scan# 2961

Delta R.T. 0.00 min

Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

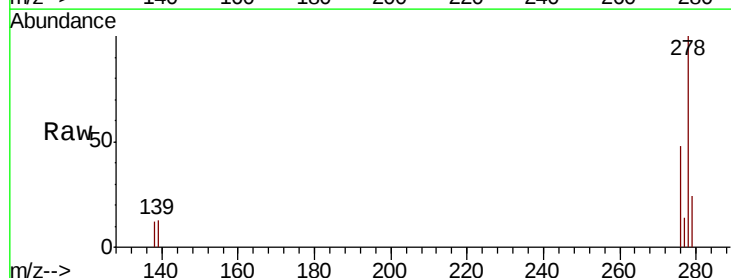
Tgt Ion:278 Resp: 37792

Ion Ratio Lower Upper

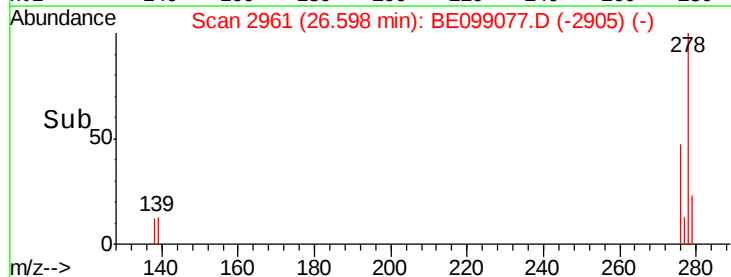
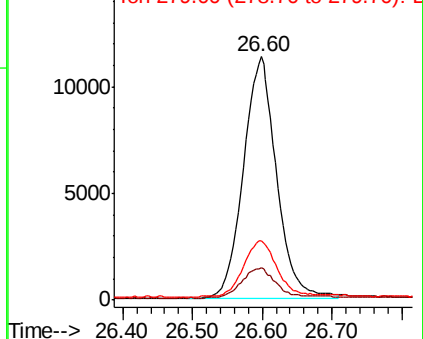
278 100

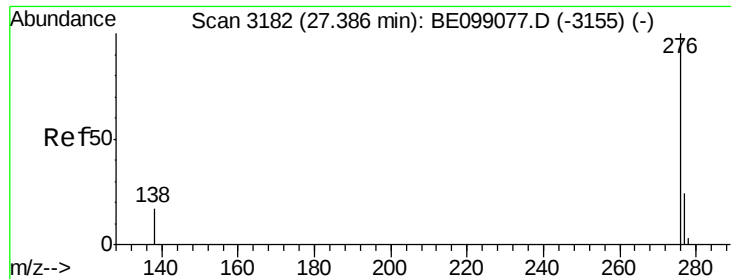
139 13.3 10.6 16.0

279 24.3 19.4 29.2



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: 0.342 ng

RT: 27.39 min Scan# 3182

Delta R.T. 0.00 min

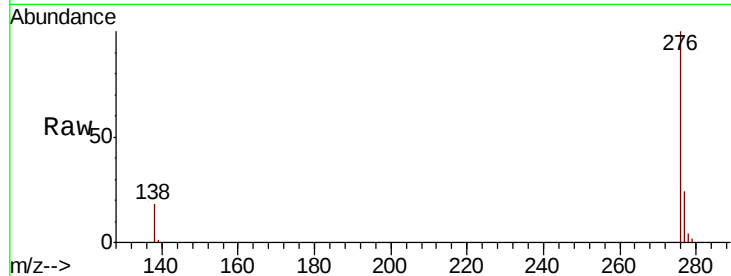
Lab File: BE099077.D

Acq: 22 Mar 2019 12:05

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 39389

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.2

138 18.2 14.6 21.8

Abundance

Ion 276.00 (275.70 to 276.70): E

15000

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

