

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032219\
 Data File : BE099075.D
 Acq On : 22 Mar 2019 10:47
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 22 13:36:38 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	7.86	152	3301	0.40	ng	0.02
7) Naphthalene-d8	10.65	136	12227	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	8203	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	25136	0.40	ng	0.00
27) Chrysene-d12	21.39	240	32683	0.40	ng	0.00
34) Perylene-d12	23.91	264	33700	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.42	112	1047	0.11	ng	0.00
5) Phenol-d6	7.01	99	1501	0.11	ng	0.02
8) Nitrobenzene-d5	9.00	82	505	0.04	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	2275	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	237	0.06	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	3578	0.11	ng	0.00
25) Fluoranthene-d10	19.25	212	35298	0.09	ng	0.00
29) Terphenyl-d14	19.84	244	7257	0.09	ng	0.00

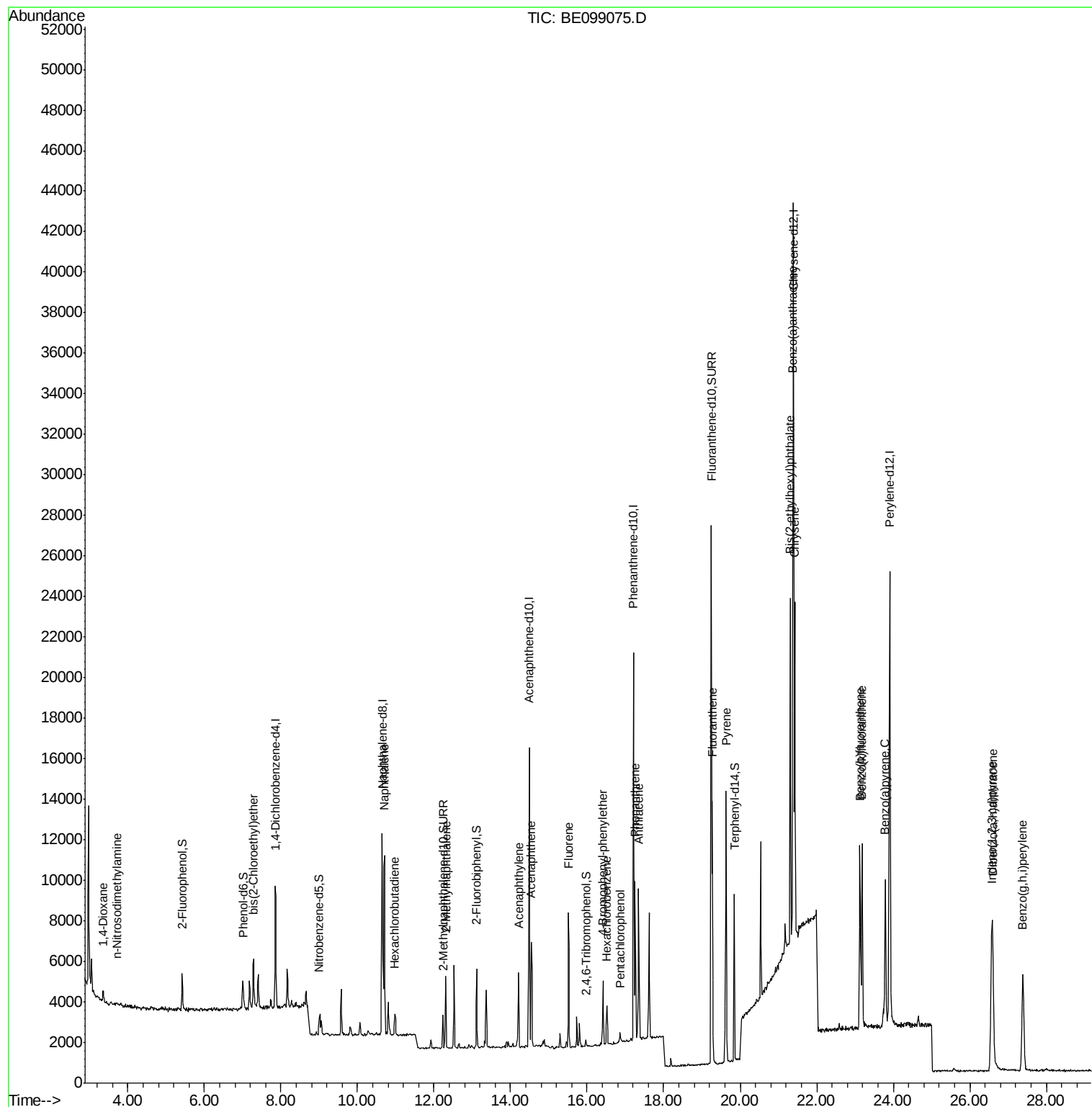
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	664	0.102	ng	89
3) n-Nitrosodimethylamine	3.73	42	187	0.023	ng	# 100
6) bis(2-Chloroethyl)ether	7.28	93	1110	0.103	ng	# 87
9) Naphthalene	10.70	128	15892	0.113	ng	99
10) Hexachlorobutadiene	10.98	225	782	0.084	ng	94
12) 2-Methylnaphthalene	12.31	142	2637	0.116	ng	94
16) Acenaphthylene	14.21	152	4656	0.110	ng	99
17) Acenaphthene	14.54	154	2861	0.114	ng	96
18) Fluorene	15.51	166	4094	0.113	ng	98
20) 4-Bromophenyl-phenylether	16.41	248	1496	0.110	ng	# 92
21) Hexachlorobenzene	16.52	284	1415	0.087	ng	95
22) Pentachlorophenol	16.87	266	392	0.119	ng	90
23) Phenanthrene	17.25	178	8142	0.114	ng	99
24) Anthracene	17.35	178	7383	0.121	ng	97
26) Fluoranthene	19.28	202	11627	0.115	ng	99
28) Pyrene	19.64	202	12270	0.123	ng	100
30) Benzo(a)anthracene	21.38	228	13039	0.128	ng	97
31) Chrysene	21.43	228	12933	0.119	ng	97
32) Bis(2-ethylhexyl)phthalate	21.31	149	19630	0.090	ng	98
33) Indeno(1,2,3-cd)pyrene	26.57	276	13649	0.118	ng	100
35) Benzo(b)fluoranthene	23.13	252	12856	0.116	ng	# 90
36) Benzo(k)fluoranthene	23.18	252	12379	0.107	ng	# 89
37) Benzo(a)pyrene	23.79	252	11821	0.111	ng	# 91
38) Dibenzo(a,h)anthracene	26.60	278	11022	0.110	ng	# 93
39) Benzo(g,h,i)perylene	27.39	276	11686	0.111	ng	97

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

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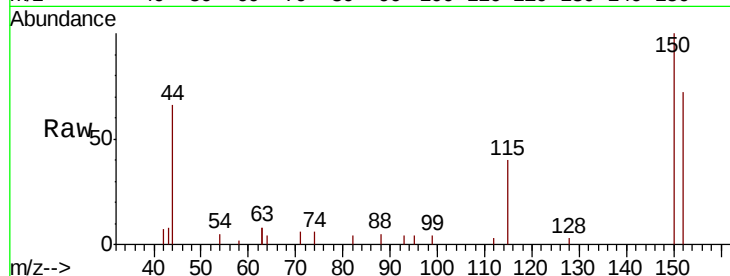


#1

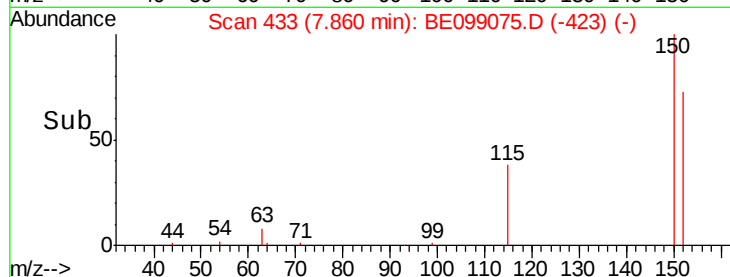
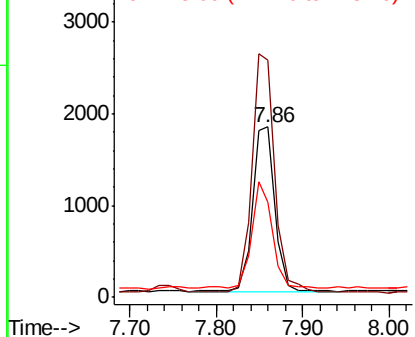
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 433
Delta R.T. 0.02 min
Lab File: BE099075.D
Acq: 22 Mar 2019 10:47

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3301
Ion Ratio Lower Upper
152 100
150 139.5 119.7 179.5
115 55.7 56.5 84.7#



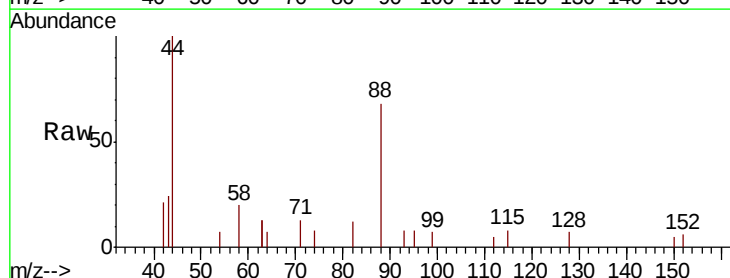
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



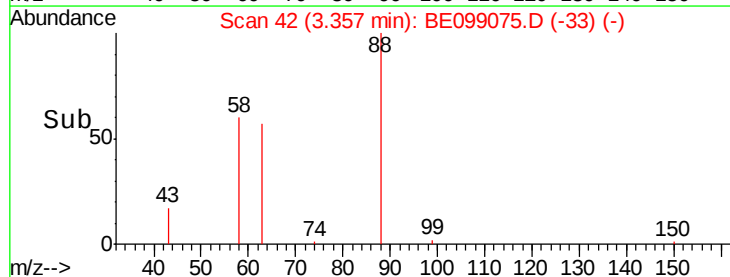
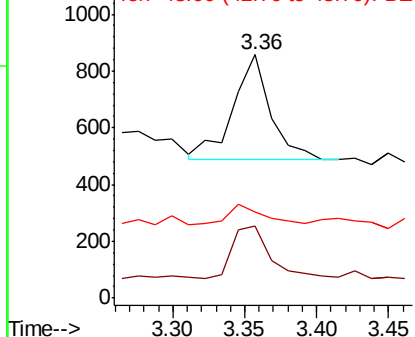
#2

1,4-Dioxane
Concen: 0.102 ng
RT: 3.36 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE099075.D
Acq: 22 Mar 2019 10:47

Tgt Ion: 88 Resp: 664
Ion Ratio Lower Upper
88 100
58 46.7 45.5 68.3
43 19.3 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



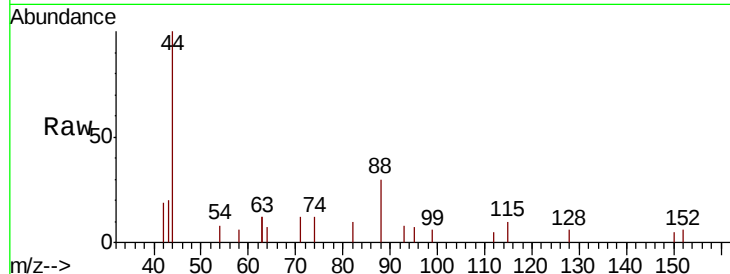


#3

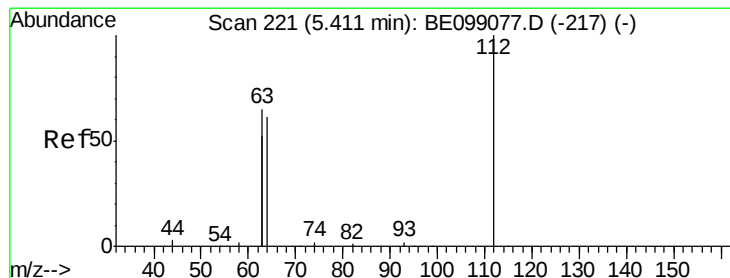
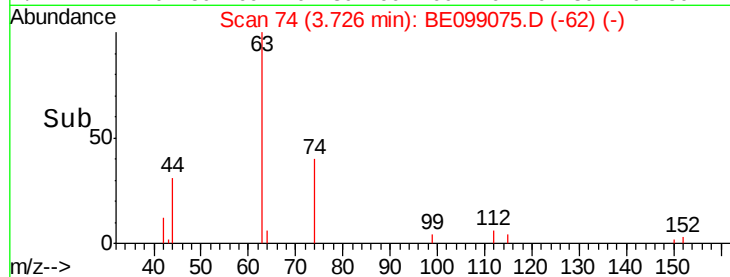
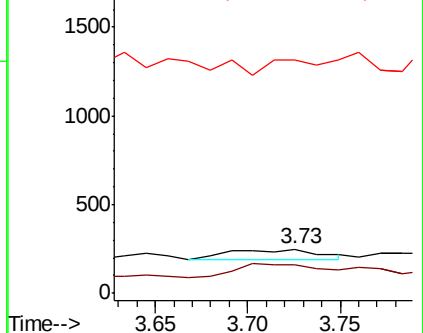
n-Nitrosodimethylamine
 Concen: 0.023 ng
 RT: 3.73 min Scan# 74
 Delta R.T. 0.04 min
 Lab File: BE099075.D
 Acq: 22 Mar 2019 10:47

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0



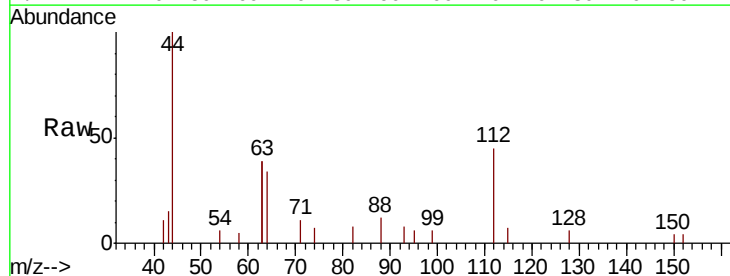
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



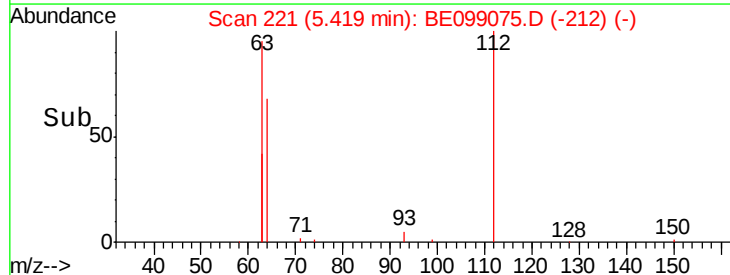
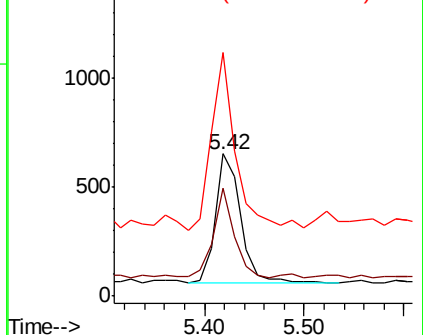
#4

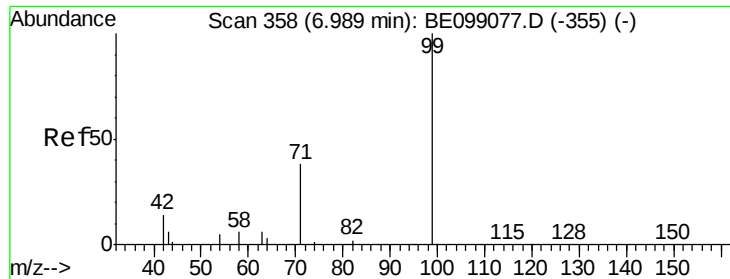
2-Fluorophenol
 Concen: 0.106 ng
 RT: 5.42 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: BE099075.D
 Acq: 22 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	44.8	67.2
63	130.6	88.2	132.2



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: 0.108 ng

RT: 7.01 min Scan# 359

Delta R.T. 0.02 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

Instrument :

BNA_E

ClientSampled :

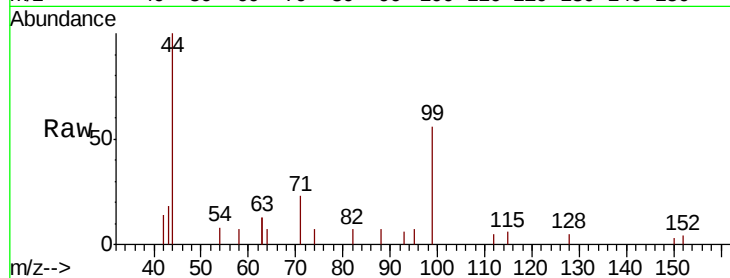
Tot Ion: 99 Resp: 1501

Ion Ratio Lower Upper

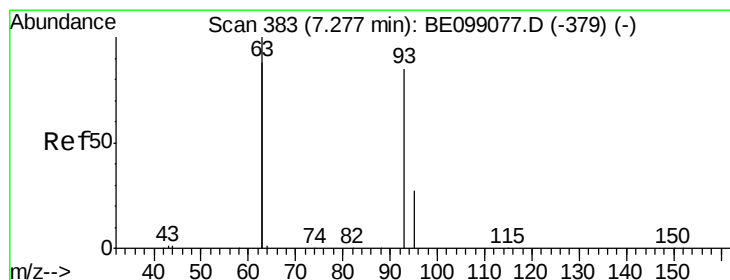
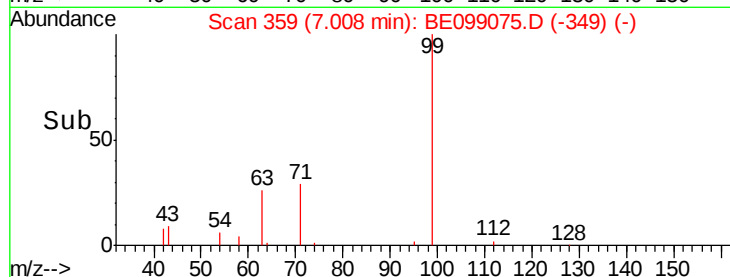
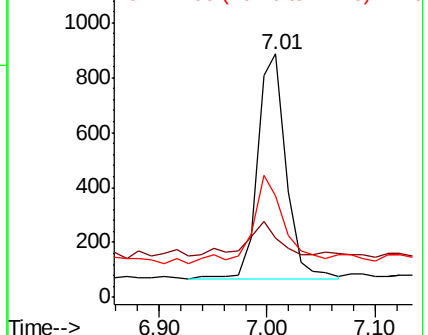
99 100

42 16.2 11.8 17.8

71 44.2 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: 0.103 ng

RT: 7.28 min Scan# 383

Delta R.T. 0.01 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

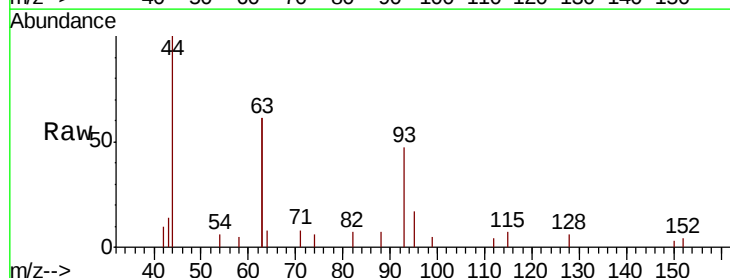
Tgt Ion: 93 Resp: 1110

Ion Ratio Lower Upper

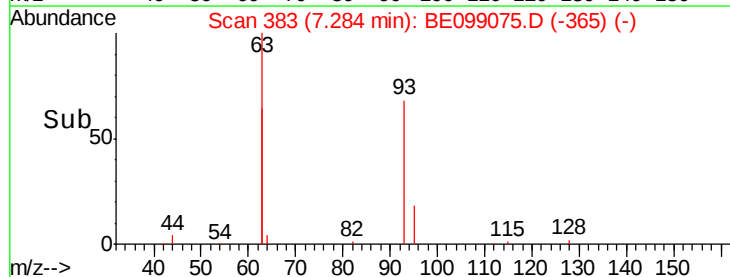
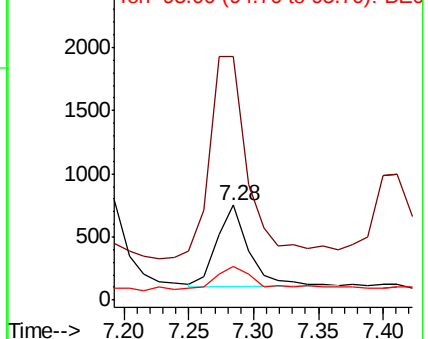
93 100

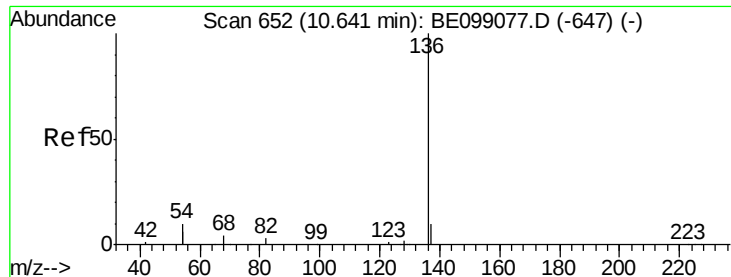
63 310.8 230.3 345.5

95 45.0 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: 10.65 min Scan# 652

Delta R.T. 0.01 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 12227

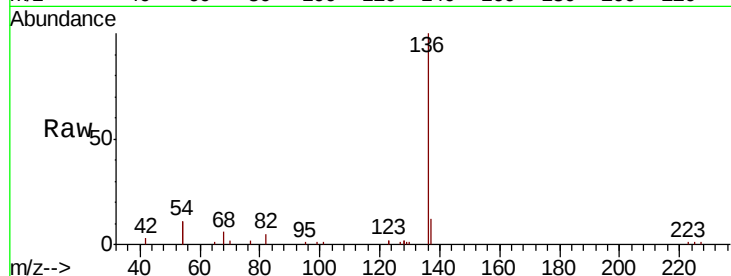
Ion Ratio Lower Upper

136 100

137 12.0 8.8 13.2

54 21.0 15.7 23.5

68 6.2 4.3 6.5

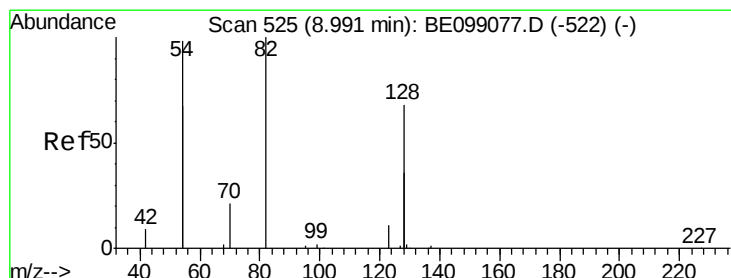
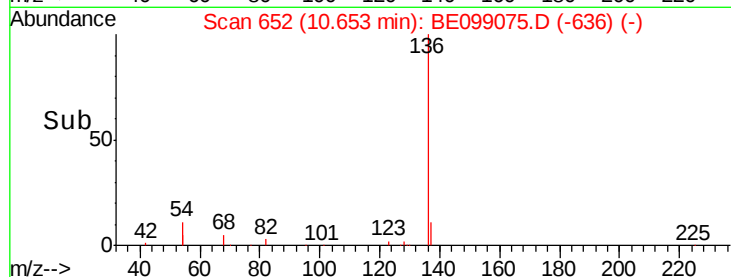
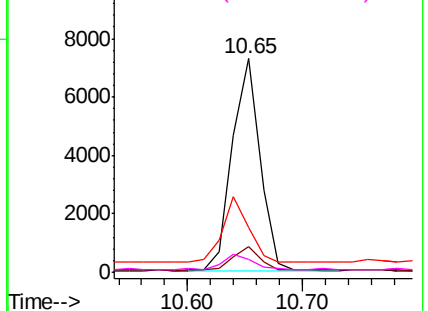


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.039 ng

RT: 9.00 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

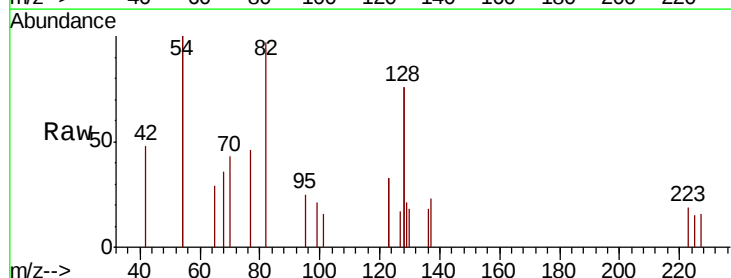
Tgt Ion: 82 Resp: 505

Ion Ratio Lower Upper

82 100

128 157.1 98.8 148.2#

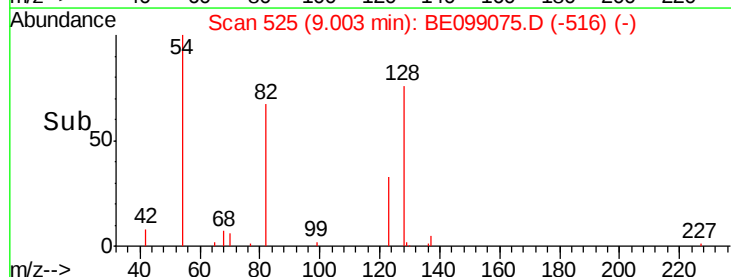
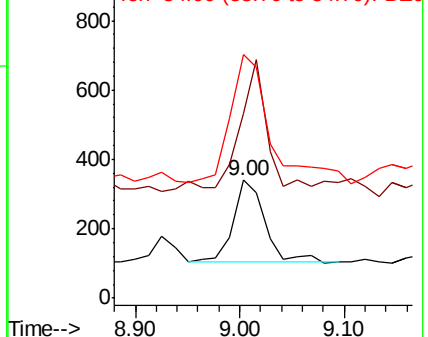
54 206.5 143.7 215.5

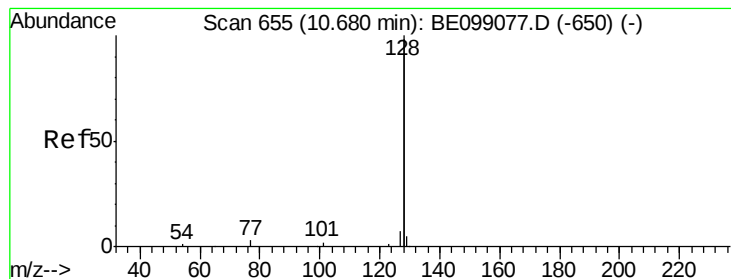


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.113 ng

RT: 10.70 min Scan# 656

Delta R.T. 0.03 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

Instrument :

BNA_E

ClientSampled :

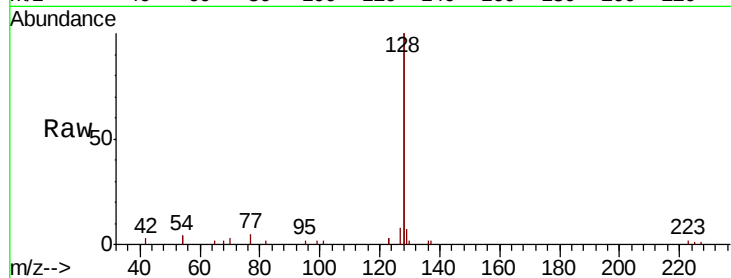
Tot Ion:128 Resp: 15892

Ion Ratio Lower Upper

128 100

129 3.3 2.3 3.5

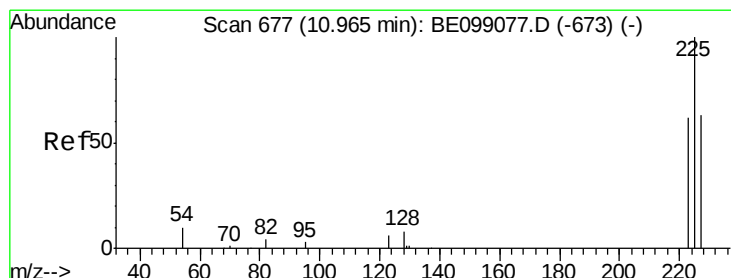
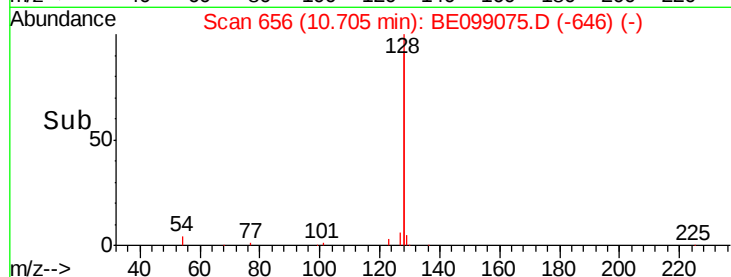
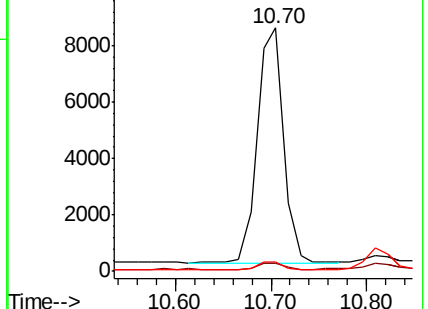
127 3.9 2.8 4.2



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: 0.084 ng

RT: 10.98 min Scan# 677

Delta R.T. 0.01 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

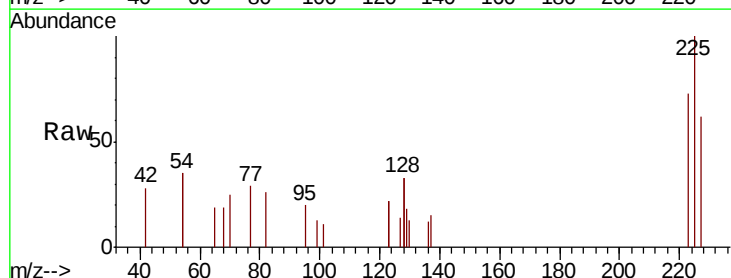
Tgt Ion:225 Resp: 782

Ion Ratio Lower Upper

225 100

223 68.0 51.1 76.7

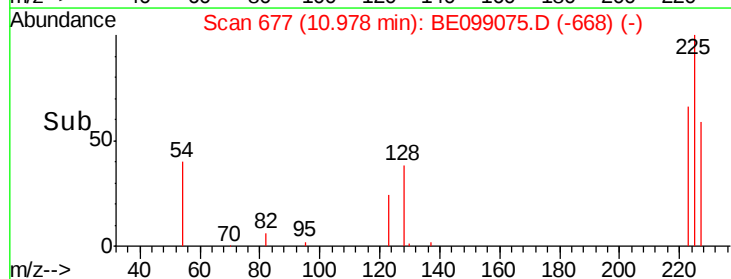
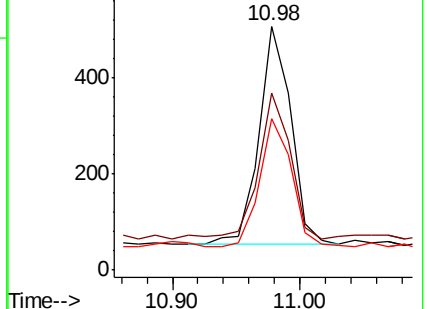
227 59.1 51.4 77.2

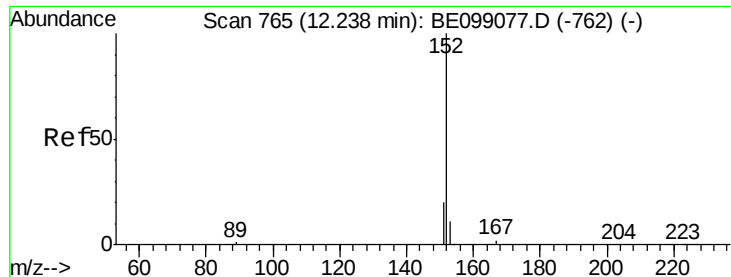


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

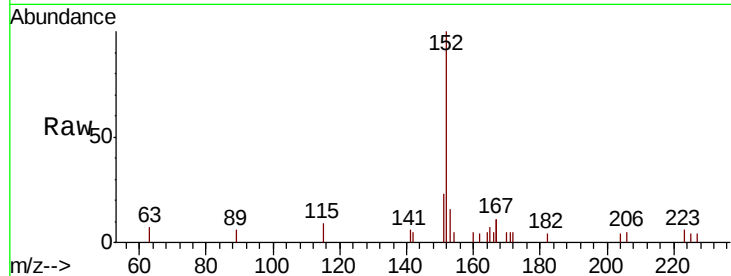




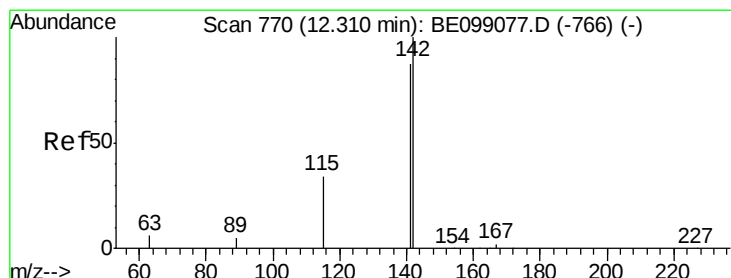
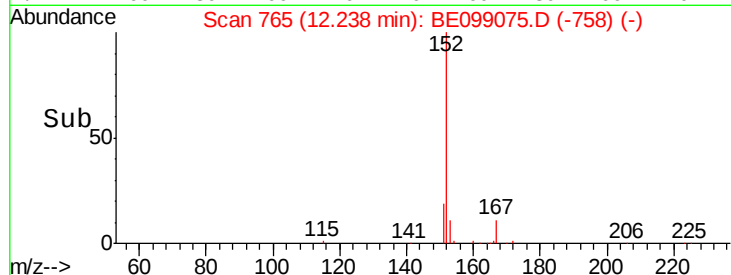
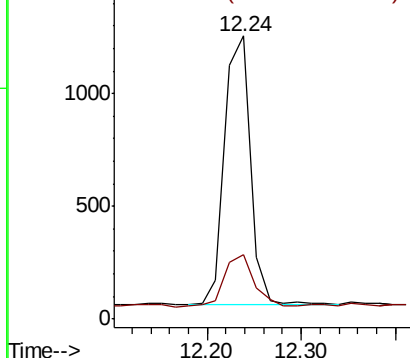
#11
2-Methylnaphthalene-d10
Concen: 0.101 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE099075.D
Acq: 22 Mar 2019 10:47

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2275
Ion Ratio Lower Upper
152 100
151 20.5 15.7 23.5

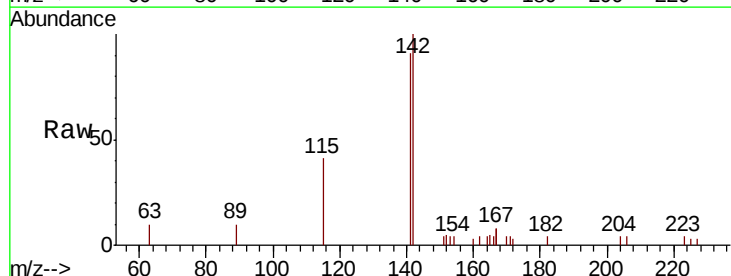


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

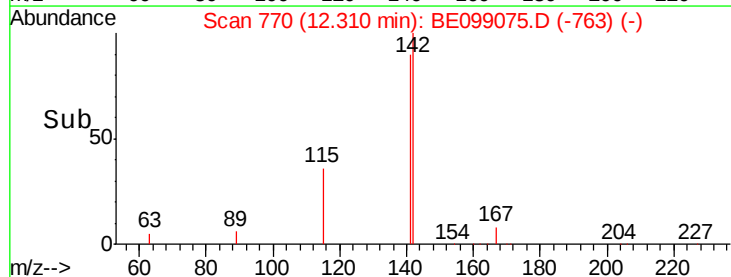
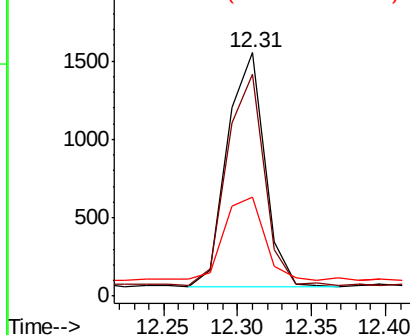


#12
2-Methylnaphthalene
Concen: 0.116 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE099075.D
Acq: 22 Mar 2019 10:47

Tgt Ion:142 Resp: 2637
Ion Ratio Lower Upper
142 100
141 90.9 69.7 104.5
115 40.8 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

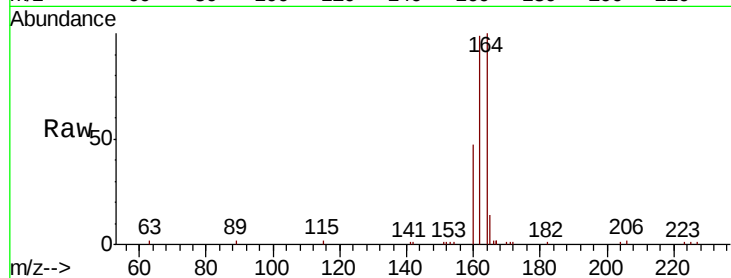




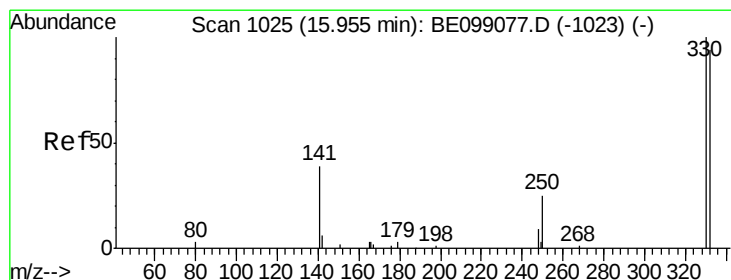
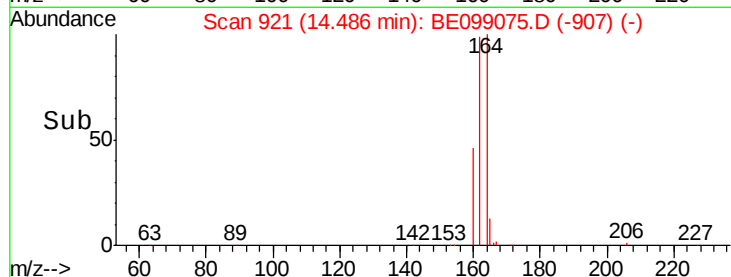
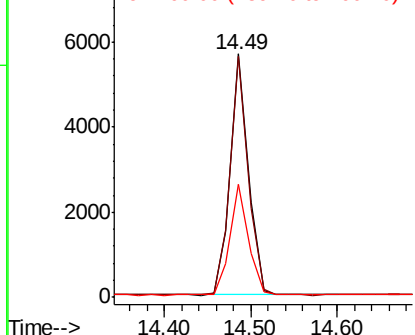
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099075.D
Acq: 22 Mar 2019 10:47

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 8203
Ion Ratio Lower Upper
164 100
162 99.0 76.8 115.2
160 46.5 36.1 54.1

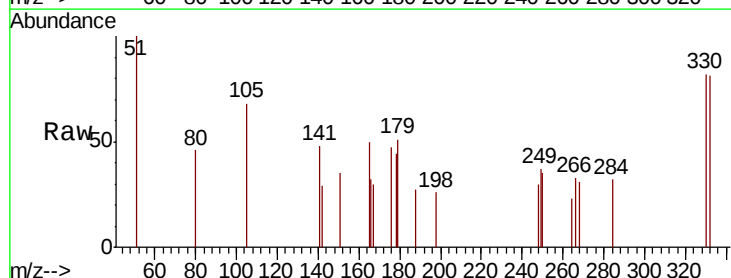


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

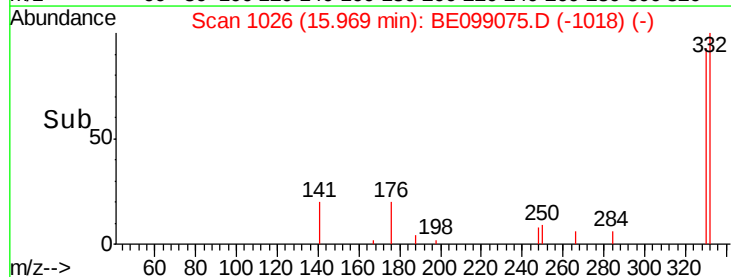
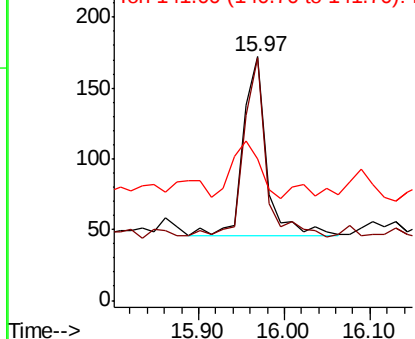


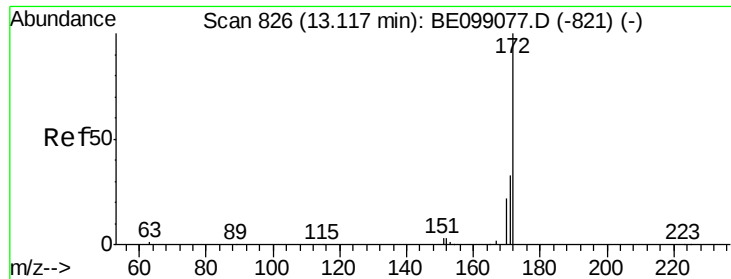
#14
2,4,6-Tribromophenol
Concen: 0.057 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BE099075.D
Acq: 22 Mar 2019 10:47

Tgt Ion:330 Resp: 237
Ion Ratio Lower Upper
330 100
332 94.9 83.0 124.4
141 38.0 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

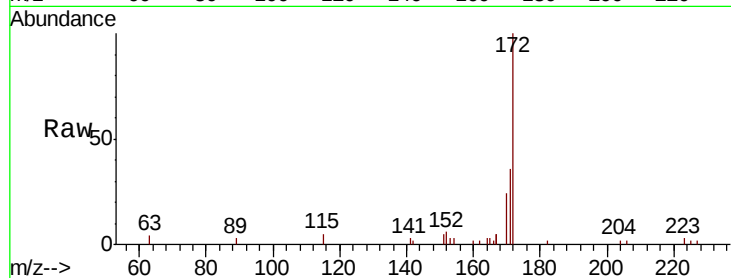




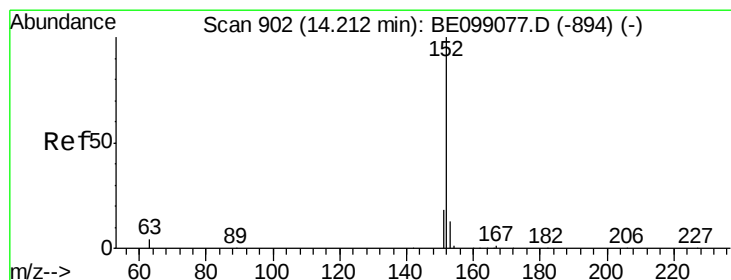
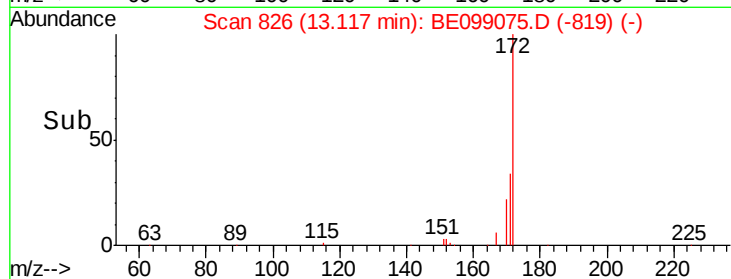
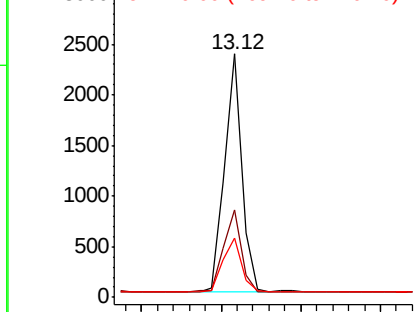
#15
2-Fluorobiphenyl
Concen: 0.105 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099075.D
Acq: 22 Mar 2019 10:47

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3578
Ion Ratio Lower Upper
172 100
171 35.8 26.7 40.1
170 24.3 18.1 27.1

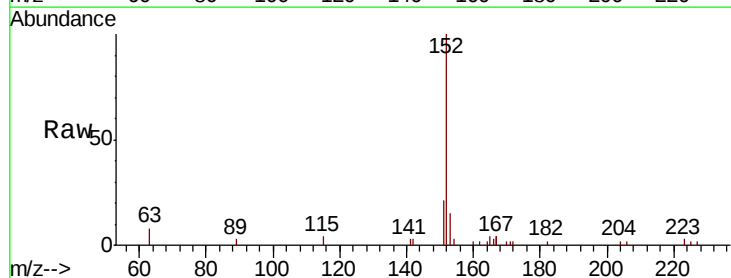


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

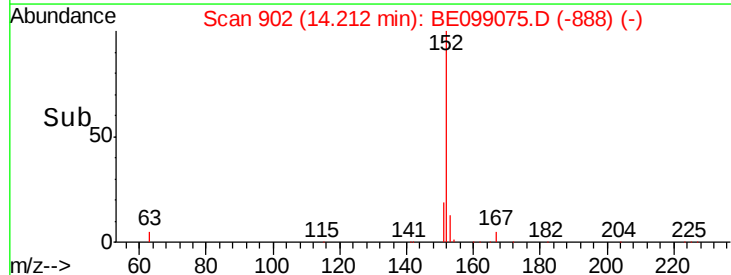
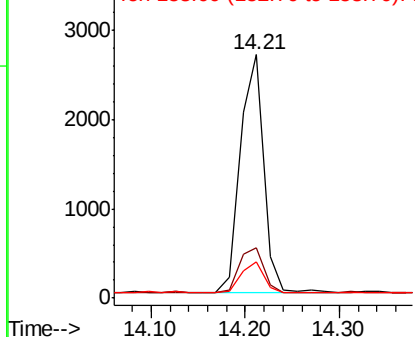


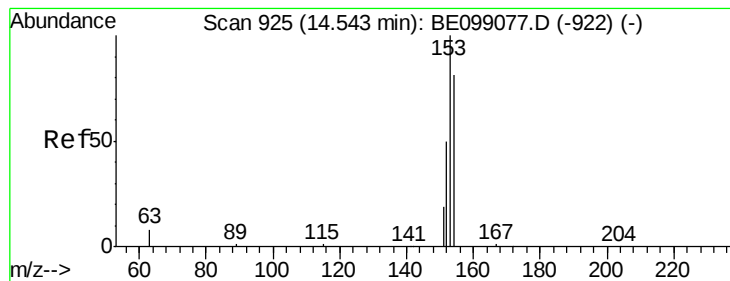
#16
Acenaphthylene
Concen: 0.110 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099075.D
Acq: 22 Mar 2019 10:47

Tgt Ion:152 Resp: 4656
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.2 10.2 15.4



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





#17

Acenaphthene

Concen: 0.114 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

Instrument :

BNA_E

ClientSampleId :

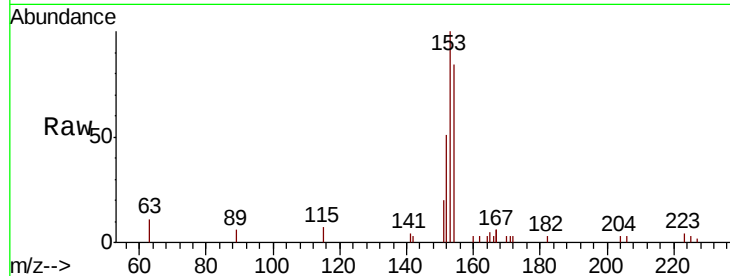
Tot Ion:154 Resp: 2861

Ion Ratio Lower Upper

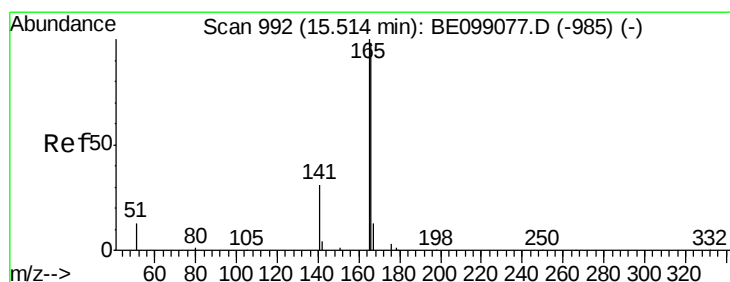
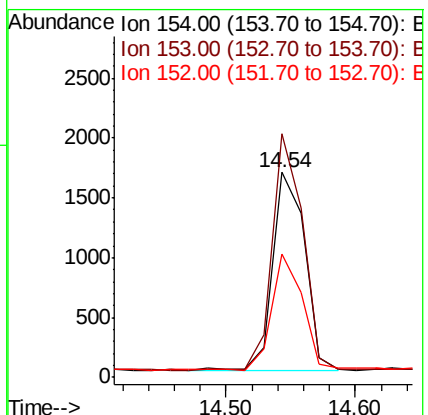
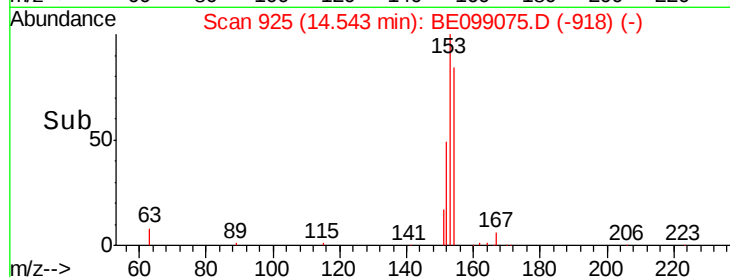
154 100

153 113.8 94.9 142.3

152 54.3 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: 0.113 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

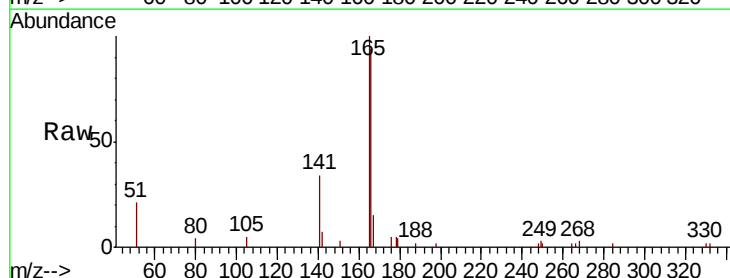
Tgt Ion:166 Resp: 4094

Ion Ratio Lower Upper

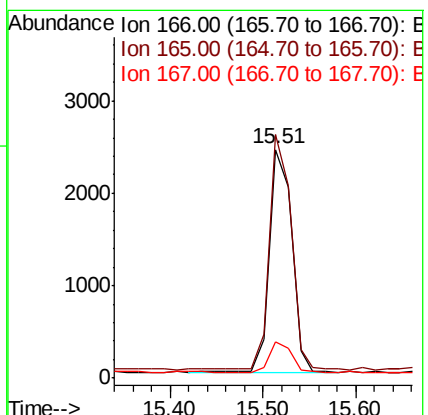
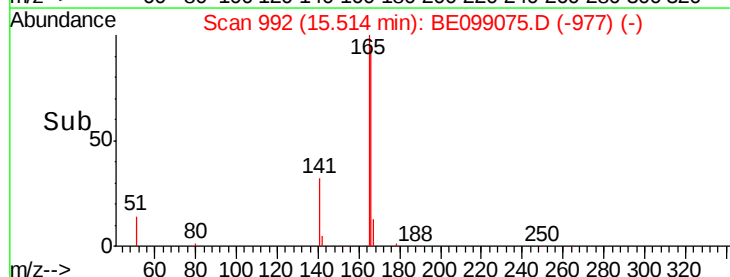
166 100

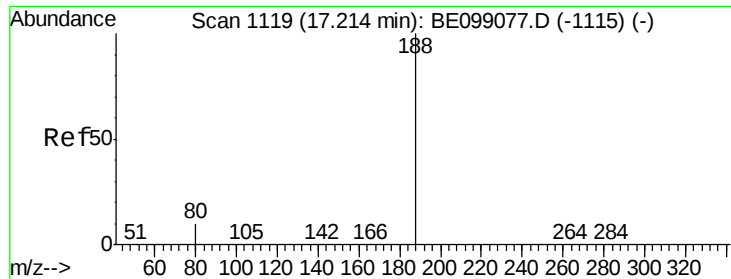
165 101.9 79.4 119.2

167 13.8 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: BE099075.D

Acq: 22 Mar 2019 10:47

Instrument :

BNA_E

ClientSampleId :

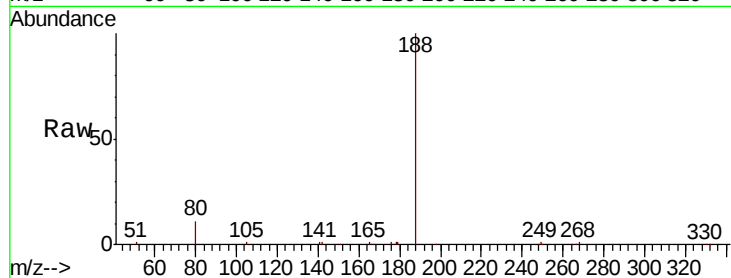
Tot Ion:188 Resp: 25136

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

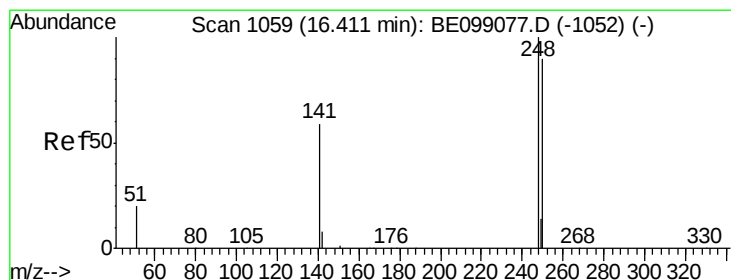
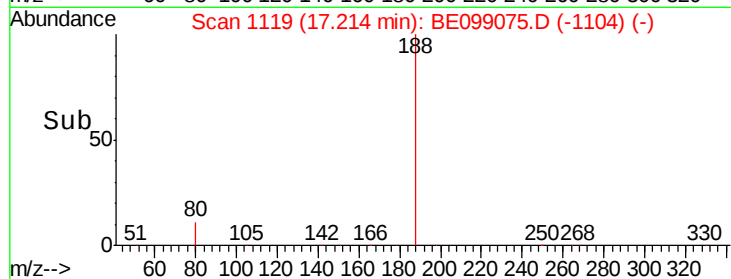
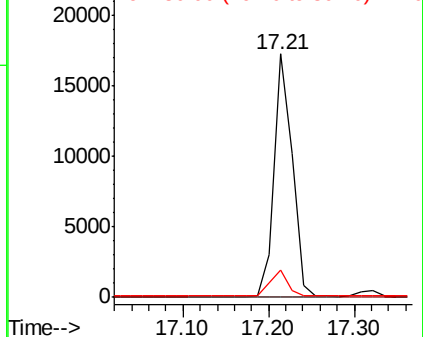
80 11.3 8.1 12.1



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: 0.110 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

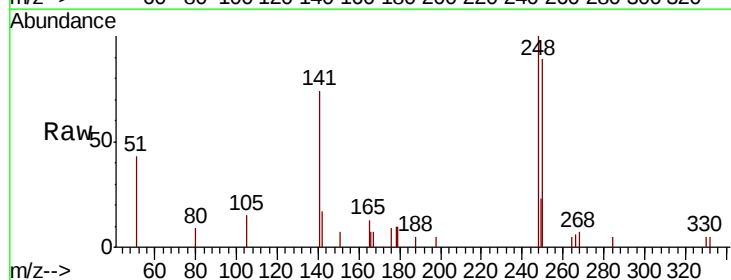
Tgt Ion:248 Resp: 1496

Ion Ratio Lower Upper

248 100

250 88.7 72.0 108.0

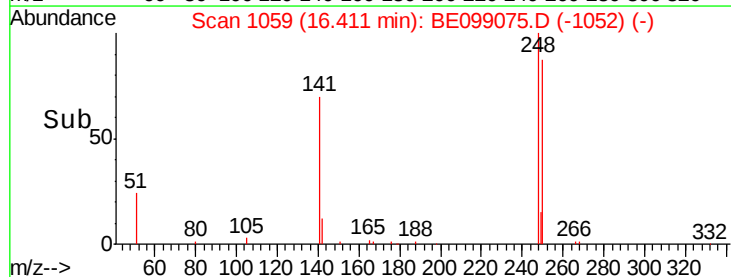
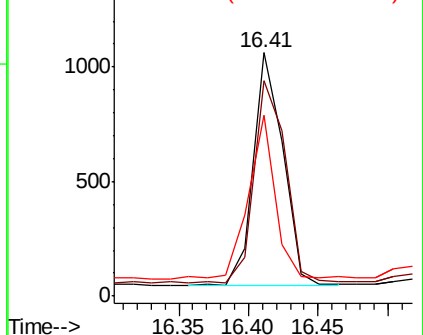
141 74.0 47.8 71.8#

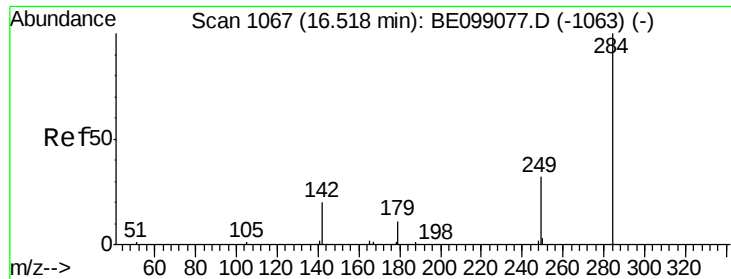


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

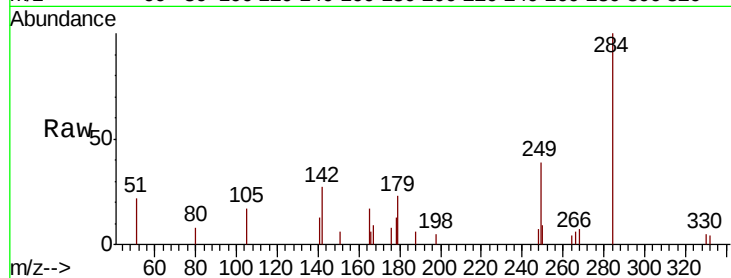




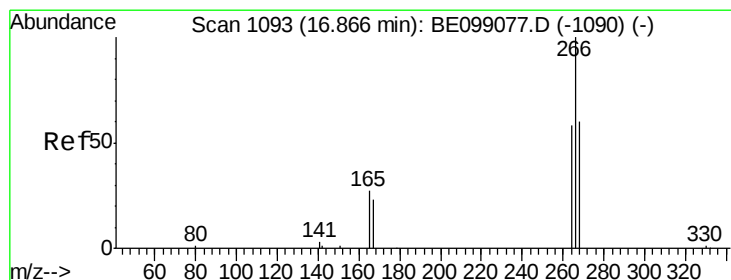
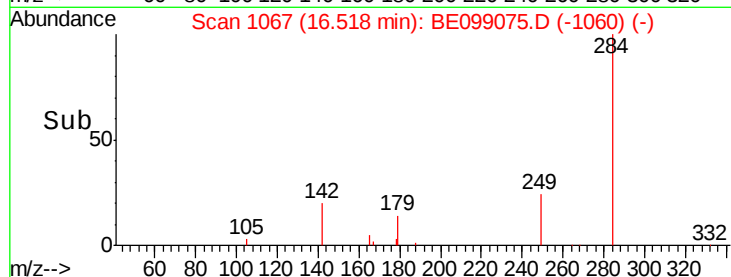
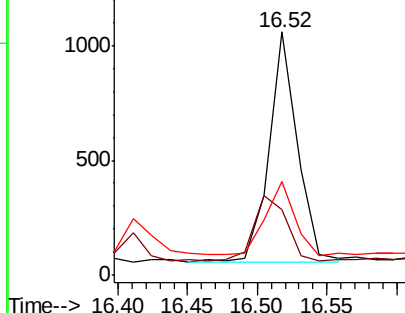
#21
Hexachlorobenzene
Concen: 0.087 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099075.D
Acq: 22 Mar 2019 10:47

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 1415
Ion Ratio Lower Upper
284 100
142 32.5 28.5 42.7
249 32.8 28.2 42.4

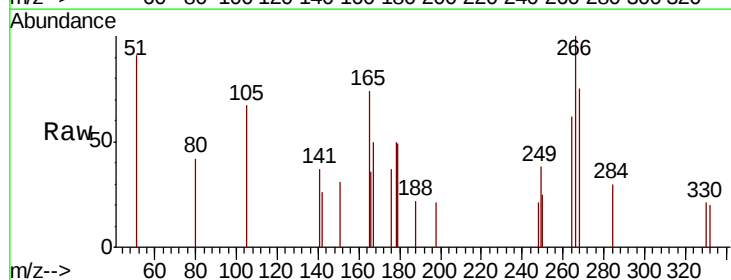


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

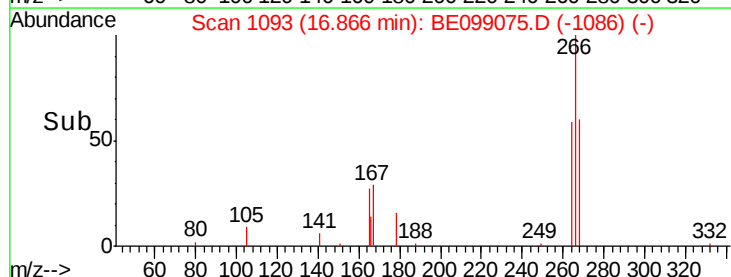
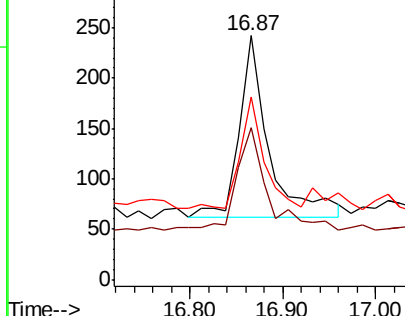


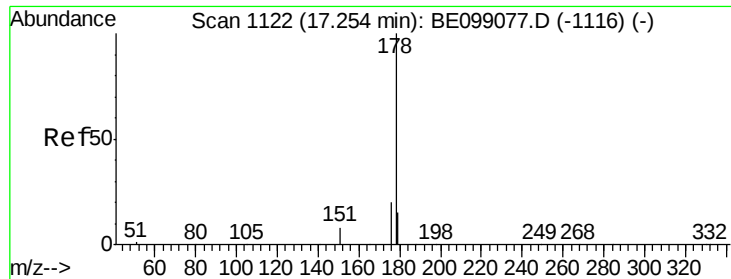
#22
Pentachlorophenol
Concen: 0.119 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE099075.D
Acq: 22 Mar 2019 10:47

Tgt Ion:266 Resp: 392
Ion Ratio Lower Upper
266 100
264 62.4 47.4 71.0
268 74.8 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: 0.114 ng

RT: 17.25 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

Instrument :

BNA_E

ClientSampleId :

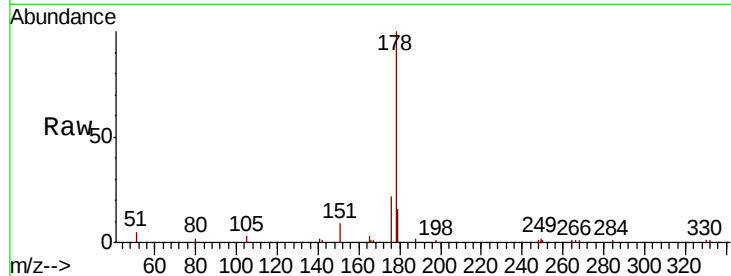
Tot Ion:178 Resp: 8142

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

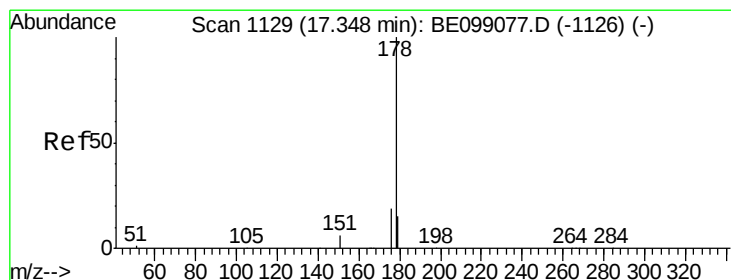
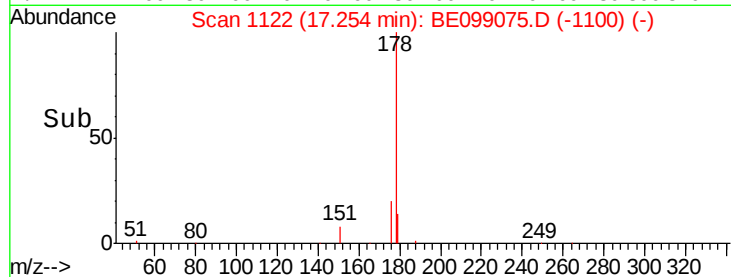
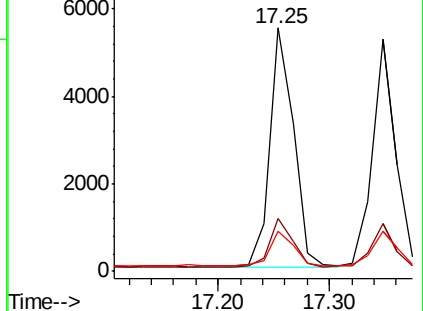
179 14.6 12.1 18.1



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: 0.121 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

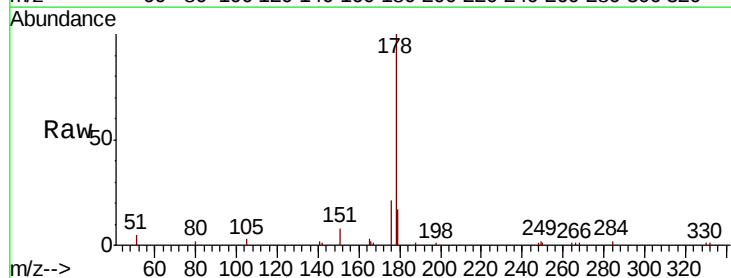
Tgt Ion:178 Resp: 7383

Ion Ratio Lower Upper

178 100

176 20.1 15.0 22.6

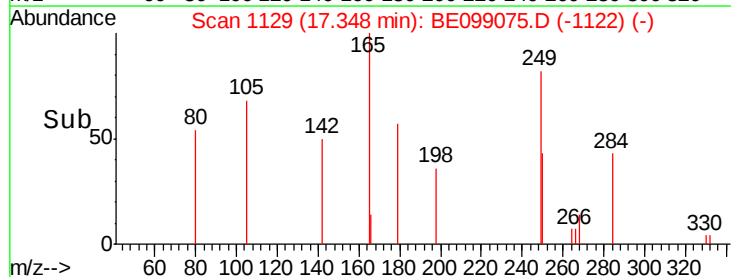
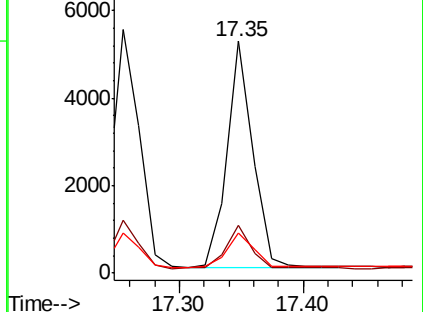
179 16.7 12.4 18.6

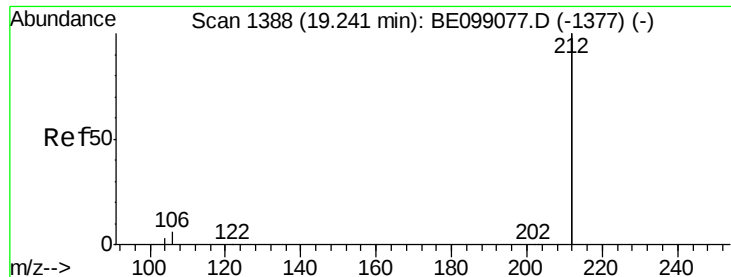


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.088 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

Instrument :

BNA_E

ClientSampleId :

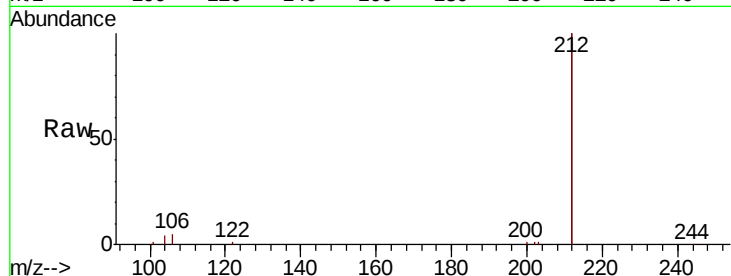
Tot Ion:212 Resp: 35298

Ion Ratio Lower Upper

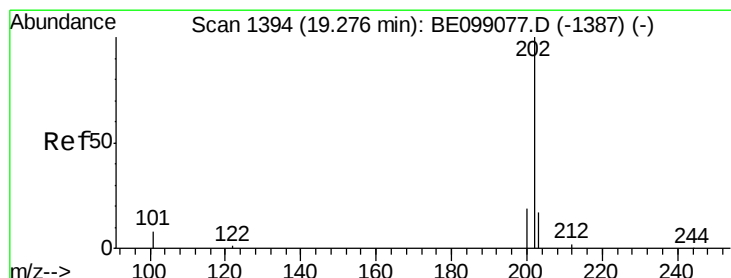
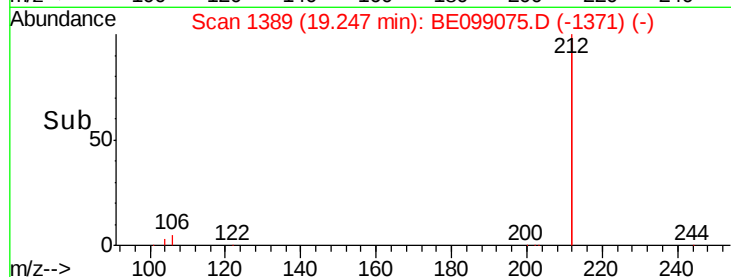
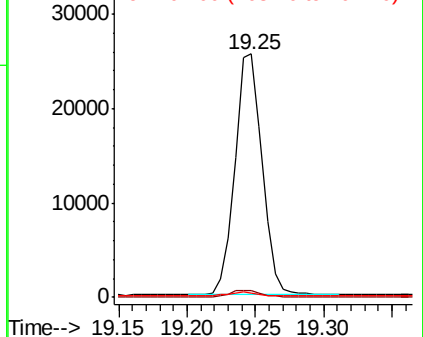
212 100

106 2.8 2.2 3.4

104 1.7 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: 0.115 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

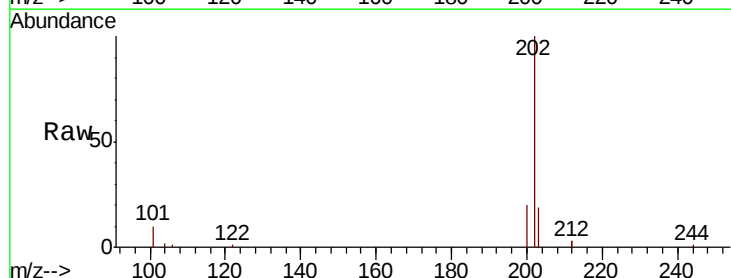
Tgt Ion:202 Resp: 11627

Ion Ratio Lower Upper

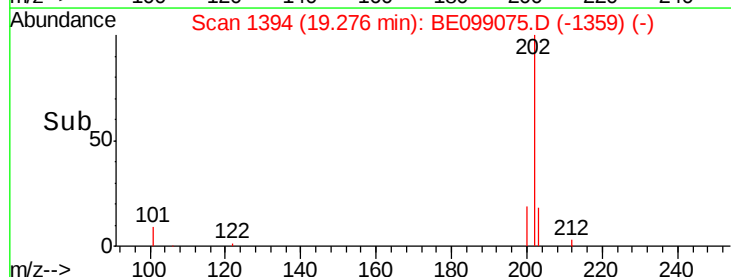
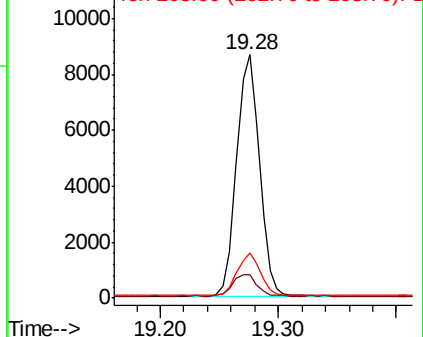
202 100

101 9.6 7.5 11.3

203 17.4 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

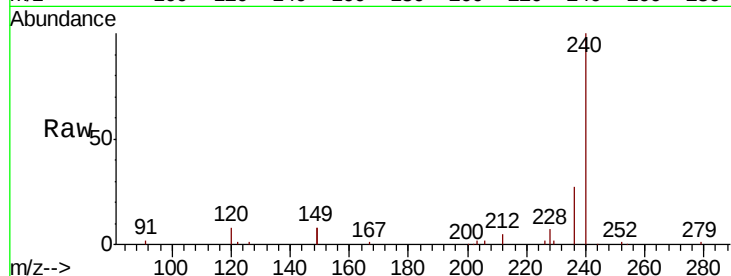




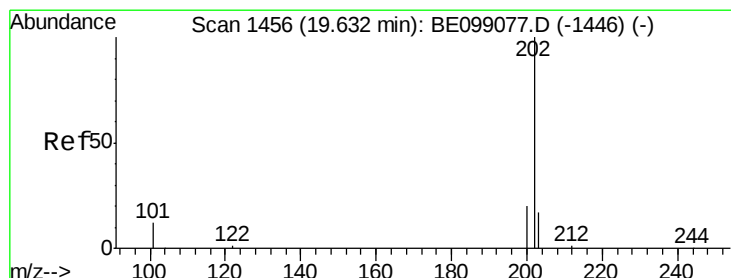
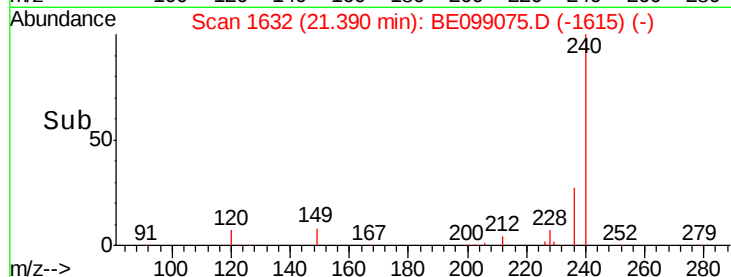
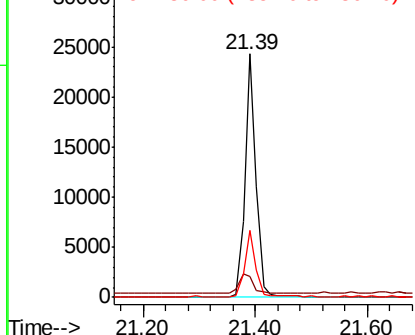
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099075.D
Acq: 22 Mar 2019 10:47

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 32683
Ion Ratio Lower Upper
240 100
120 8.4 5.0 7.6#
236 27.3 22.2 33.4

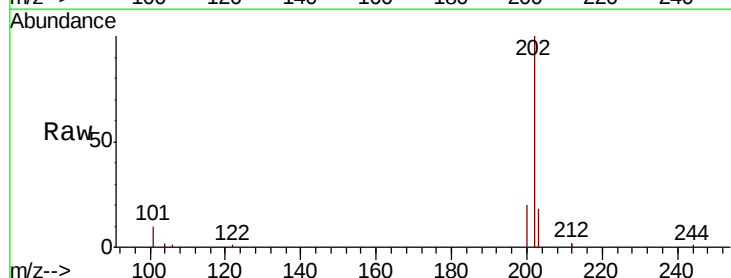


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

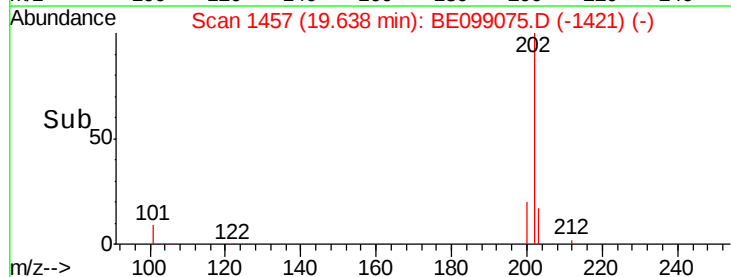
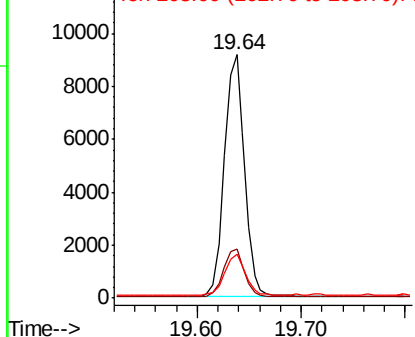


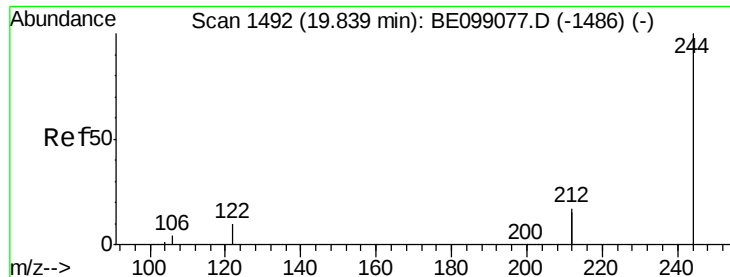
#28
Pyrene
Concen: 0.123 ng
RT: 19.64 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BE099075.D
Acq: 22 Mar 2019 10:47

Tgt Ion:202 Resp: 12270
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.4 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: 0.091 ng

RT: 19.84 min Scan# 1493

Delta R.T. 0.01 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

Instrument :

BNA_E

ClientSampleId :

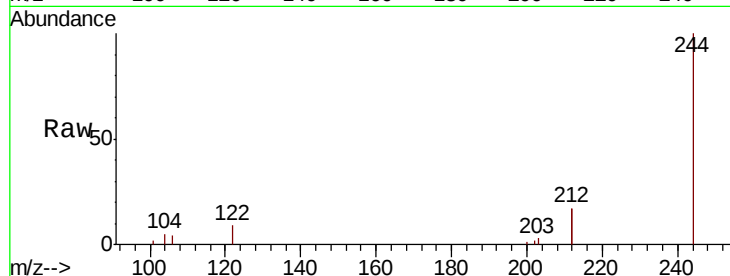
Tot Ion:244 Resp: 7257

Ion Ratio Lower Upper

244 100

212 33.2 26.9 40.3

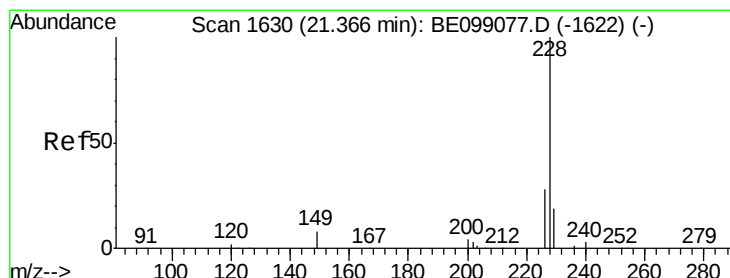
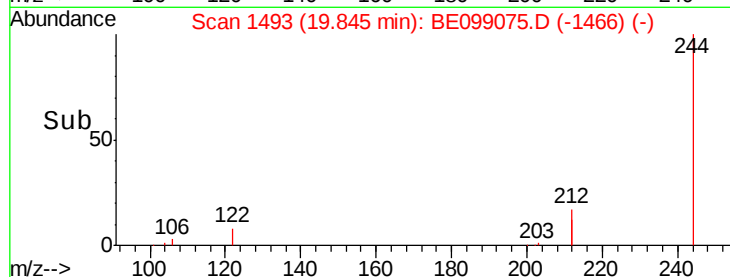
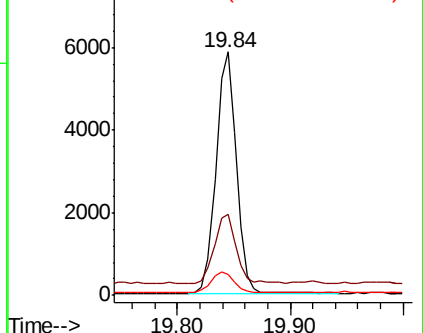
122 8.8 7.8 11.8



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: 0.128 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

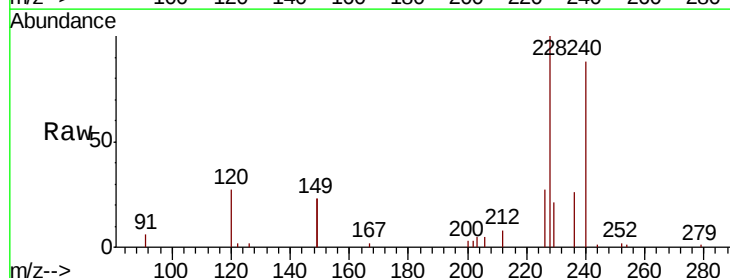
Tgt Ion:228 Resp: 13039

Ion Ratio Lower Upper

228 100

226 26.7 22.4 33.6

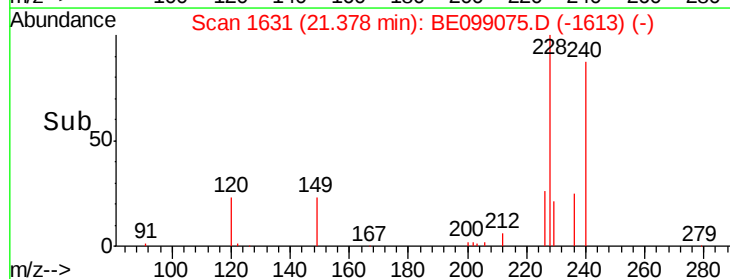
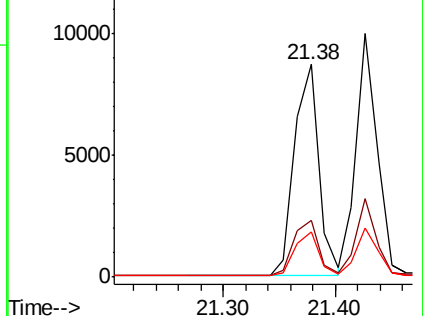
229 21.2 15.6 23.4

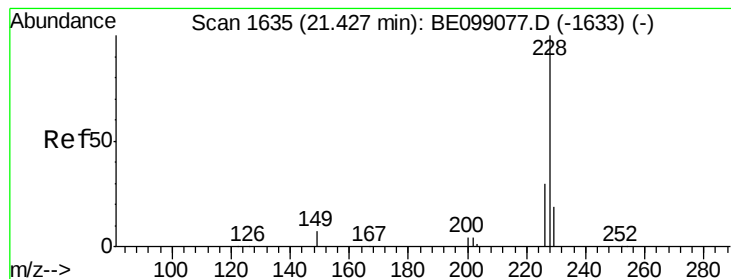


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.119 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

Instrument :

BNA_E

ClientSampled :

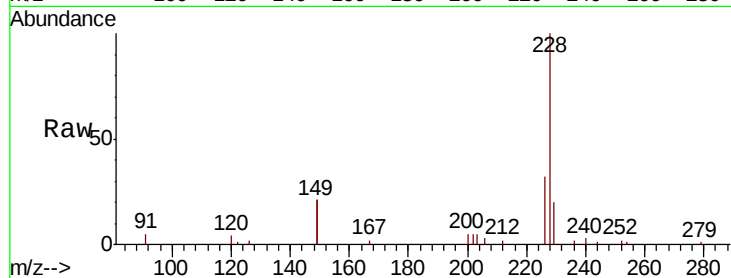
Tot Ion:228 Resp: 12933

Ion Ratio Lower Upper

228 100

226 32.3 24.3 36.5

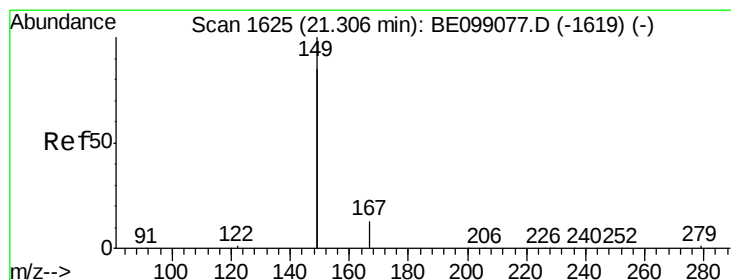
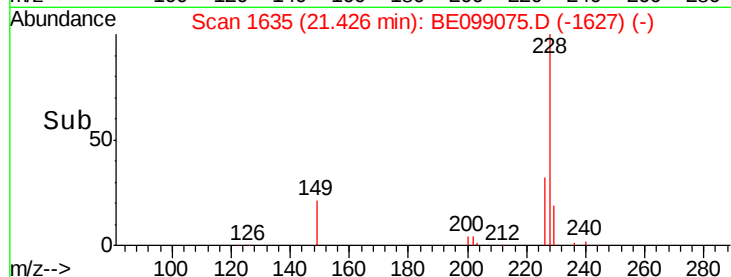
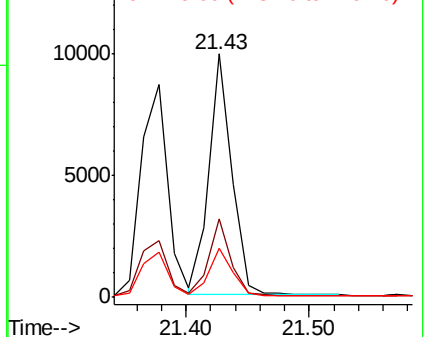
229 20.0 15.5 23.3



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: 0.090 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

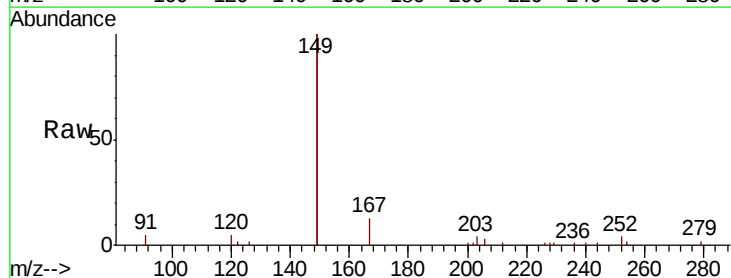
Tgt Ion:149 Resp: 19630

Ion Ratio Lower Upper

149 100

167 6.5 5.7 8.5

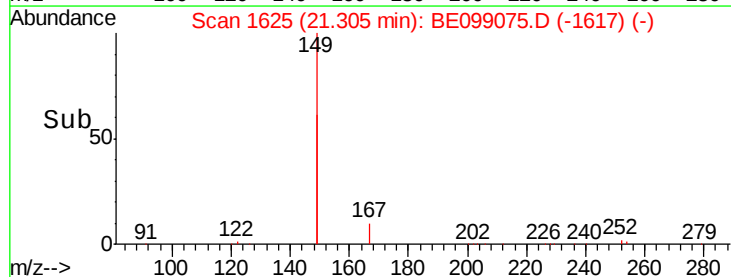
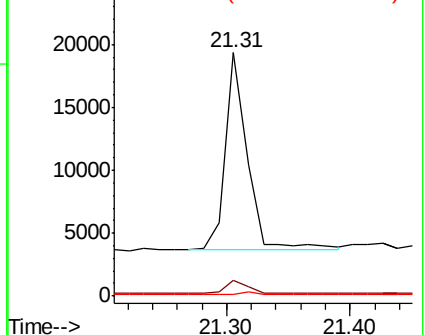
279 1.1 0.8 1.2

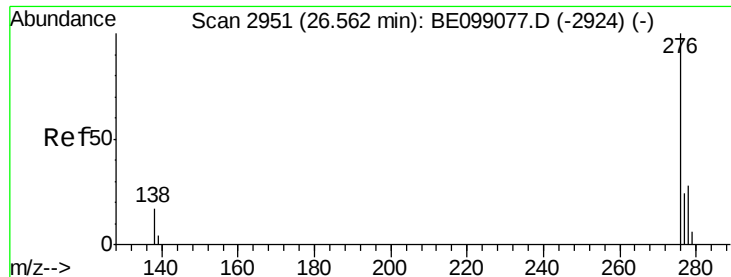


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.118 ng

RT: 26.57 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

Instrument :

BNA_E

ClientSampleId :

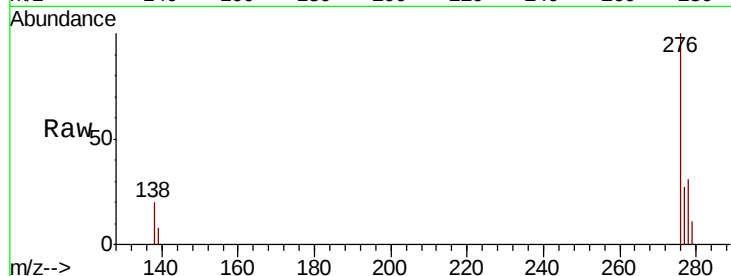
Tot Ion:276 Resp: 13649

Ion Ratio Lower Upper

276 100

138 19.8 15.8 23.8

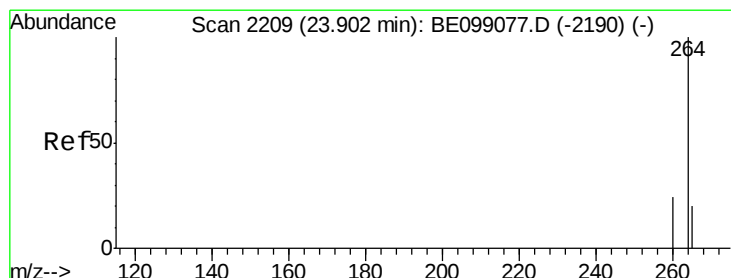
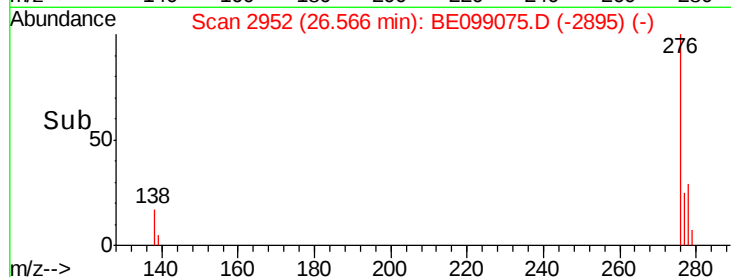
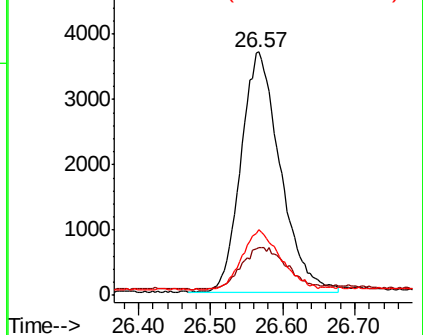
277 24.5 19.4 29.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

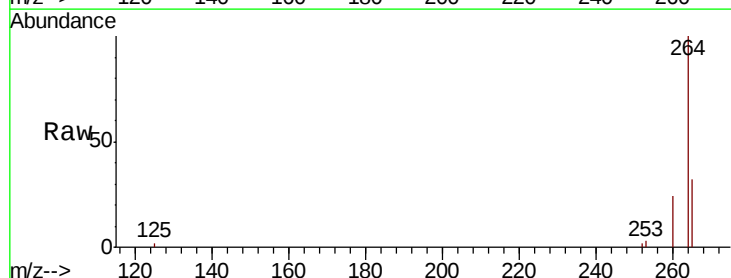
Tgt Ion:264 Resp: 33700

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

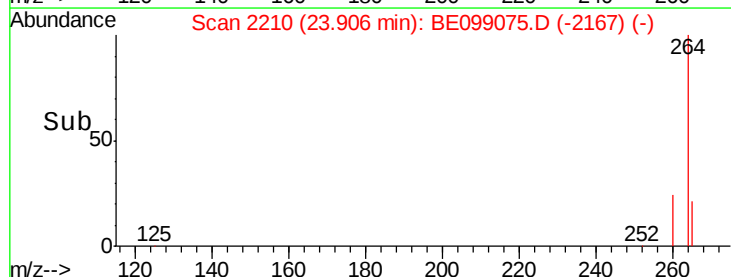
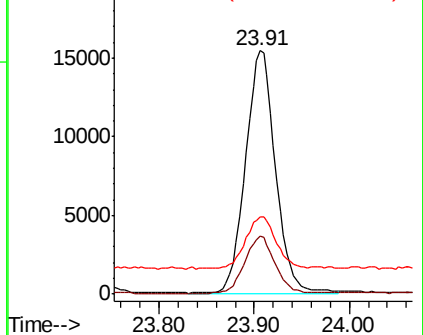
265 31.7 24.1 36.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.116 ng

RT: 23.13 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

Instrument :

BNA_E

ClientSampleId :

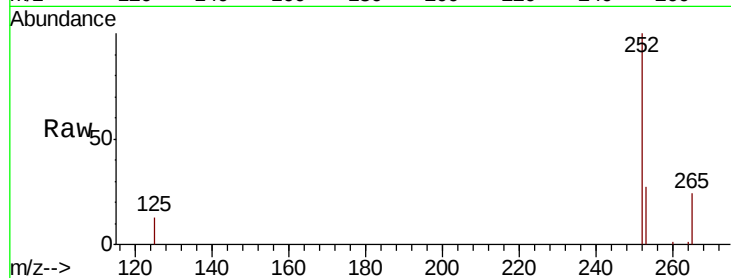
Tot Ion:252 Resp: 12856

Ion Ratio Lower Upper

252 100

253 27.4 18.4 27.6

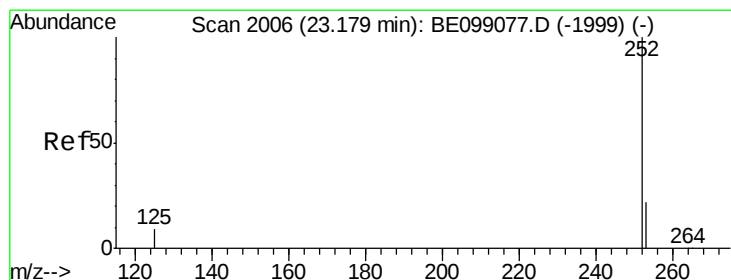
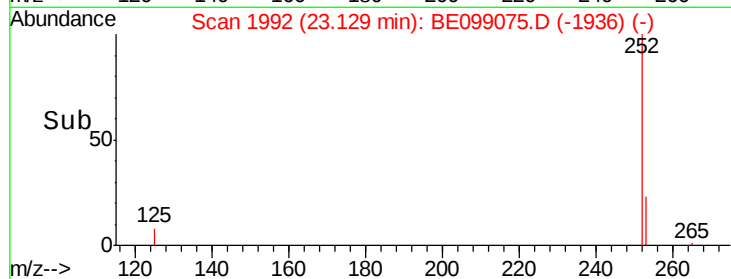
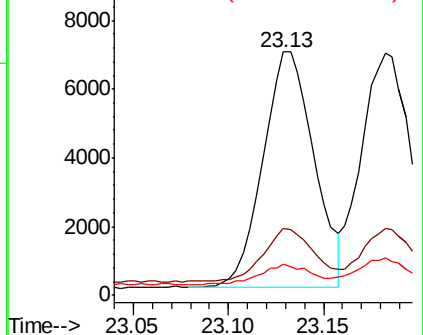
125 12.6 7.0 10.4#



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: 0.107 ng

RT: 23.18 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

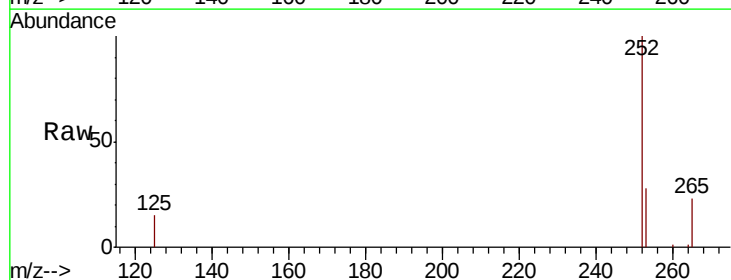
Tgt Ion:252 Resp: 12379

Ion Ratio Lower Upper

252 100

253 27.8 18.6 28.0

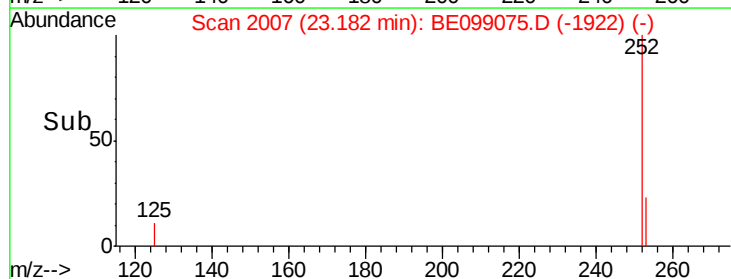
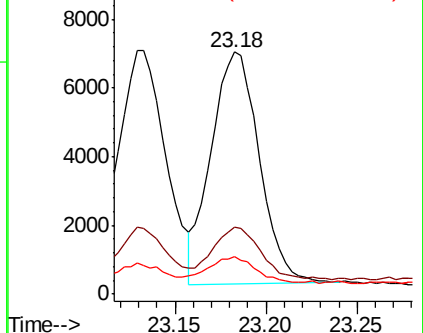
125 15.4 7.8 11.6#



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: 0.111 ng

RT: 23.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

Instrument :

BNA_E

ClientSampleId :

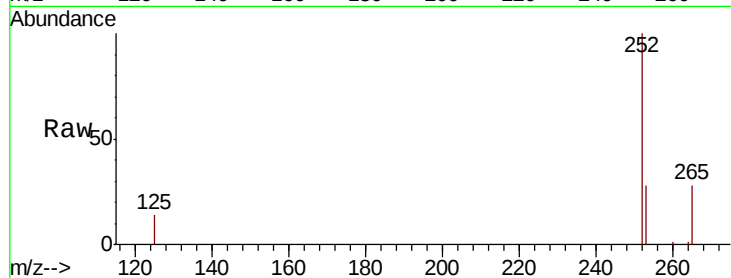
Tot Ion:252 Resp: 11821

Ion Ratio Lower Upper

252 100

253 28.5 19.3 28.9

125 13.5 8.3 12.5#

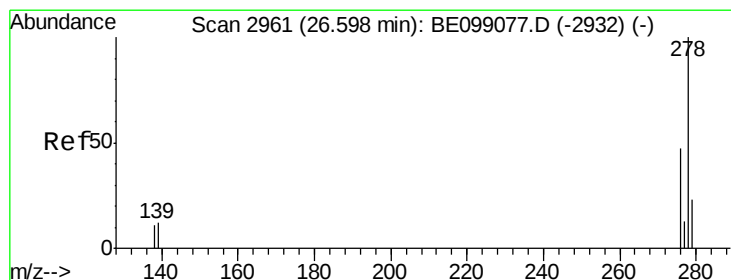
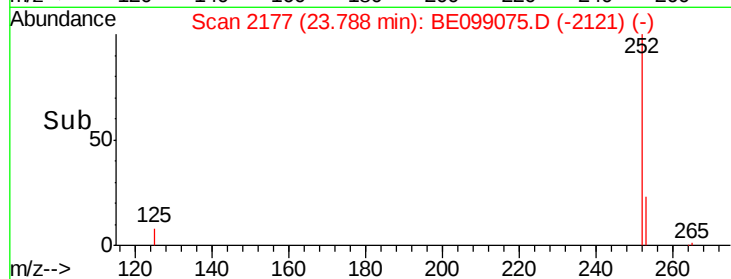
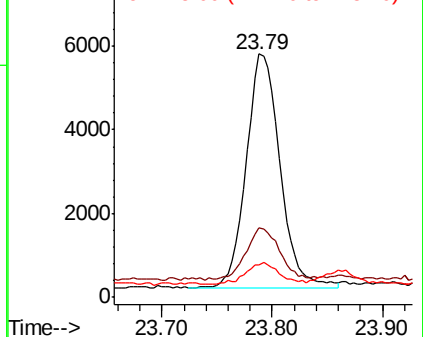


Abundance

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: 0.110 ng

RT: 26.60 min Scan# 2961

Delta R.T. 0.00 min

Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

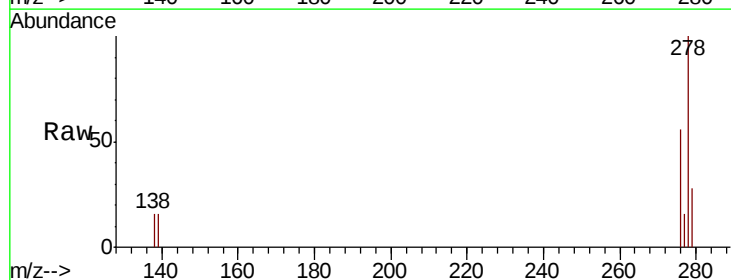
Tgt Ion:278 Resp: 11022

Ion Ratio Lower Upper

278 100

139 16.5 10.6 16.0#

279 27.9 19.4 29.2

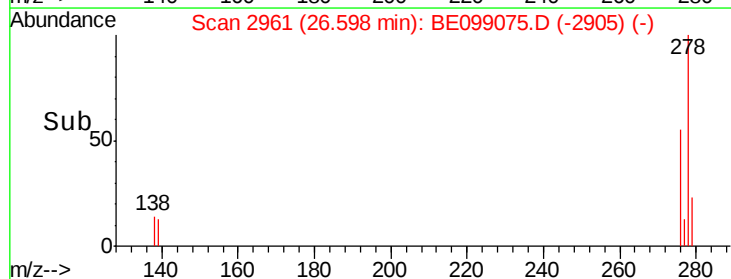
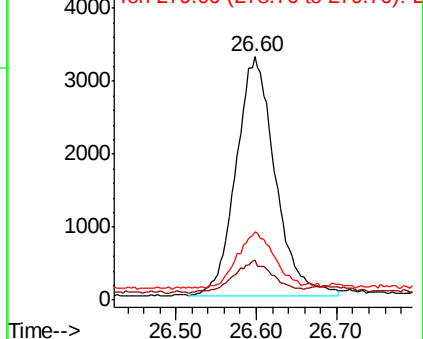


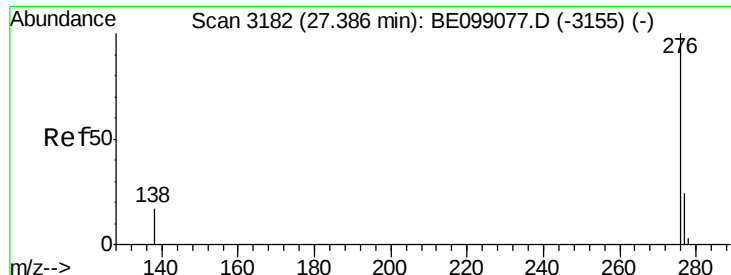
Abundance

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: 0.111 ng

RT: 27.39 min Scan# 3183

Delta R.T. 0.00 min

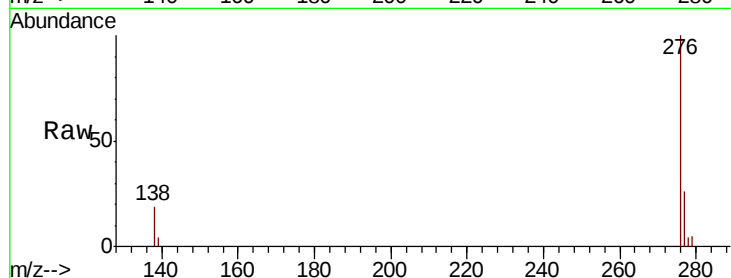
Lab File: BE099075.D

Acq: 22 Mar 2019 10:47

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 11686

Ion Ratio Lower Upper

276 100

277 26.4 19.4 29.2

138 19.3 14.6 21.8

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

