

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
 Data File : BE099281.D
 Acq On : 2 Apr 2019 19:28
 Operator : JU/SJ
 Sample : PB117507BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117507BL

Quant Time: Apr 03 05:17:53 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 17:16:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3413	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	11626	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	6664	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	17691	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	21106	0.40	ng	-0.02
34) Perylene-d12	23.86	264	24424	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	3333	0.37	ng	-0.01
5) Phenol-d6	6.98	99	4180	0.34	ng	-0.01
8) Nitrobenzene-d5	8.98	82	2920	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.20	152	6603	0.33	ng	-0.03
14) 2,4,6-Tribromophenol	15.94	330	725	0.24	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	10633	0.41	ng	-0.01
25) Fluoranthene-d10	19.22	212	73577	0.32	ng	-0.02
29) Terphenyl-d14	19.82	244	14875	0.39	ng	-0.02

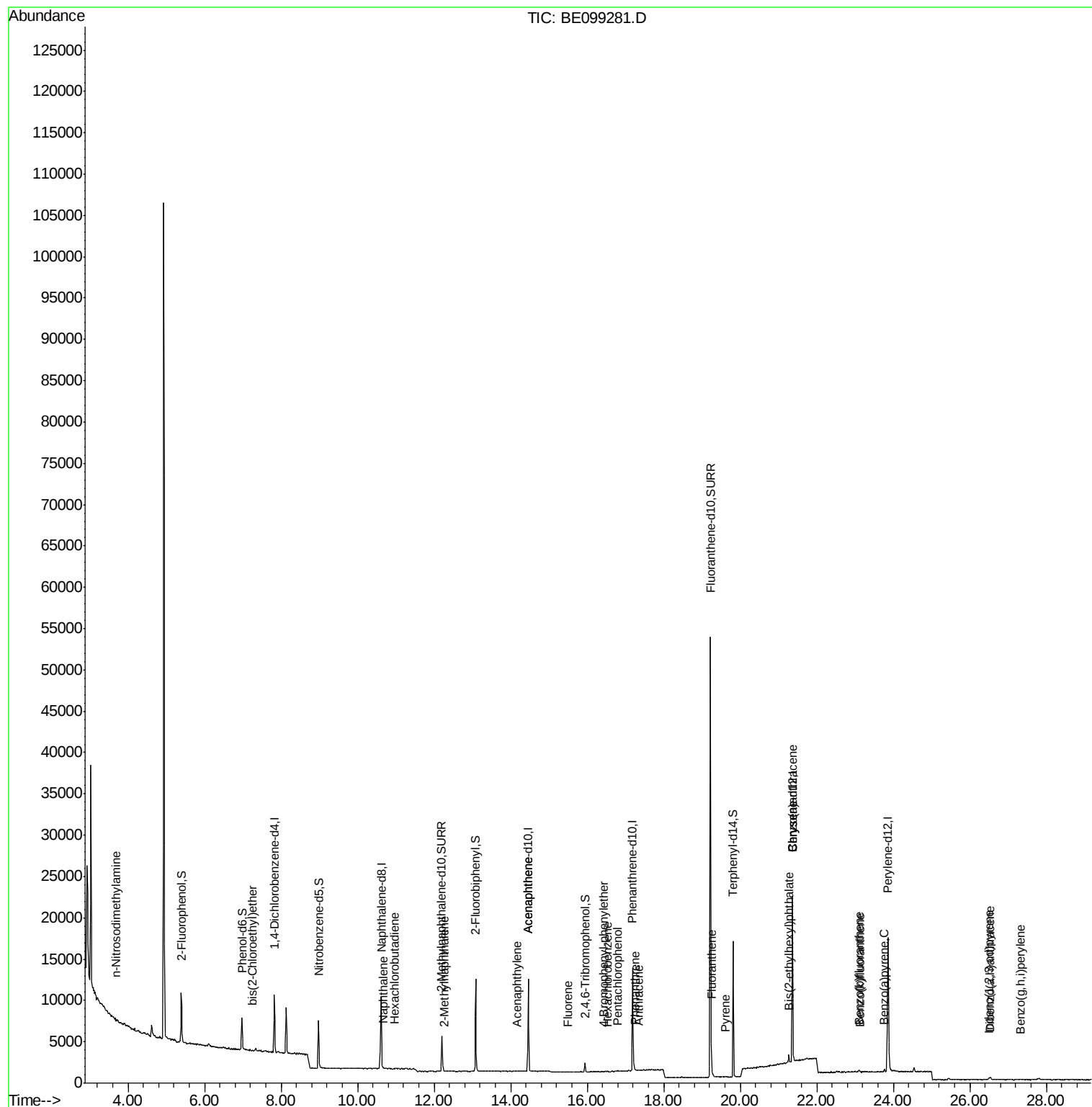
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.68	42	90	0.033	ng	# 1
6) bis(2-Chloroethyl)ether	7.24	93	33	0.003	ng	# 1
9) Naphthalene	10.67	128	187	0.001	ng	# 52
10) Hexachlorobutadiene	10.95	225	3	0.000	ng	# 1
12) 2-Methylnaphthalene	12.27	142	5	0.000	ng	# 56
16) Acenaphthylene	14.17	152	19	0.001	ng	# 57
17) Acenaphthene	14.46	154	24	0.001	ng	# 23
18) Fluorene	15.49	166	12	0.000	ng	# 87
20) 4-Bromophenyl-phenylether	16.42	248	10	0.001	ng	# 56
21) Hexachlorobenzene	16.52	284	6	0.001	ng	# 1
22) Pentachlorophenol	16.80	266	9	0.002	ng	# 70
23) Phenanthrene	17.24	178	87	0.002	ng	# 60
24) Anthracene	17.35	178	31	0.001	ng	# 1
26) Fluoranthene	19.25	202	22	0.000	ng	# 1
28) Pyrene	19.61	202	36	0.001	ng	# 57
30) Benzo(a)anthracene	21.37	228	126	0.002	ng	# 18
31) Chrysene	21.37	228	76	0.001	ng	# 26
32) Bis(2-ethylhexyl)phthalate	21.27	149	1365	0.016	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.49	276	82	0.001	ng	# 64
35) Benzo(b)fluoranthene	23.09	252	11	0.000	ng	# 1
36) Benzo(k)fluoranthene	23.15	252	60	0.001	ng	# 1
37) Benzo(a)pyrene	23.75	252	65	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.53	278	206	0.003	ng	# 1
39) Benzo(g,h,i)perylene	27.31	276	61	0.001	ng	# 1

(#) = 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. -0.02 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

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ClientSampleId :

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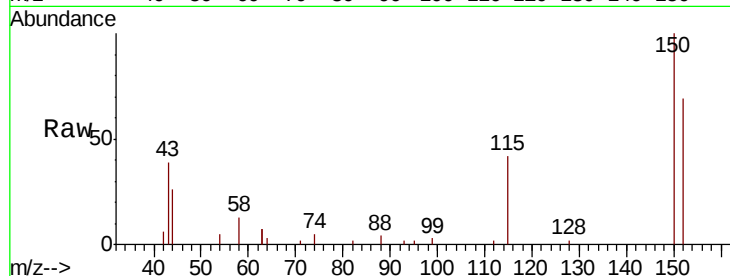
Tgt Ion:152 Resp: 3413

Ion Ratio Lower Upper

152 100

150 145.8 112.8 169.2

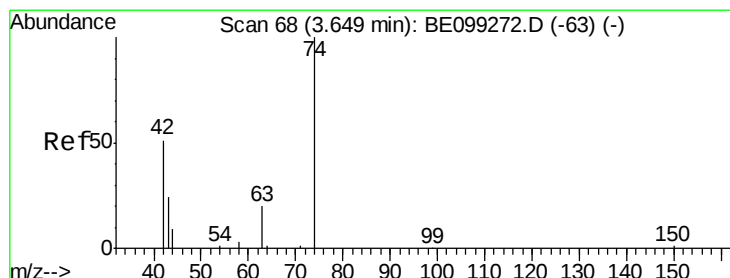
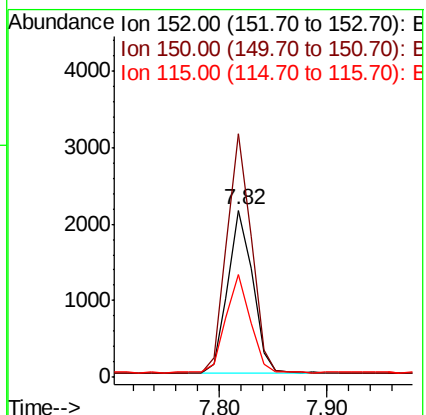
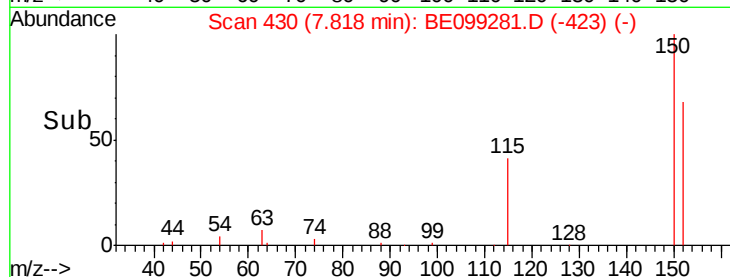
115 61.9 45.1 67.7



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



#3

n-Nitrosodimethylamine

Concen: 0.033 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.01 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

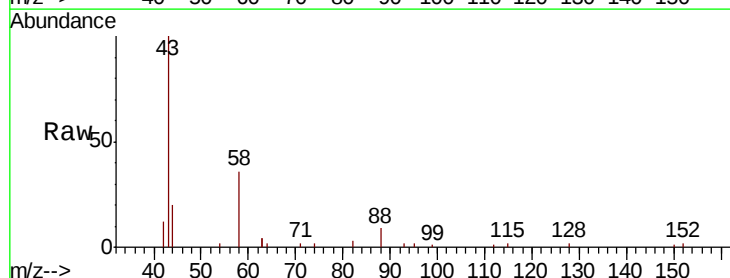
Tgt Ion: 42 Resp: 90

Ion Ratio Lower Upper

42 100

74 5.6 138.6 207.8#

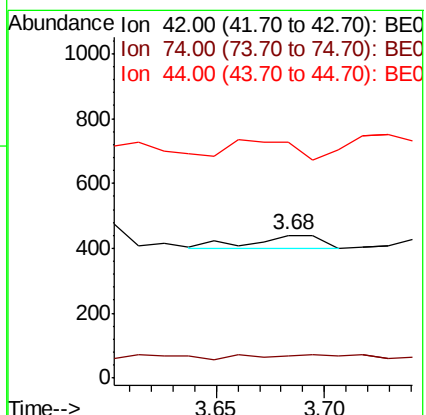
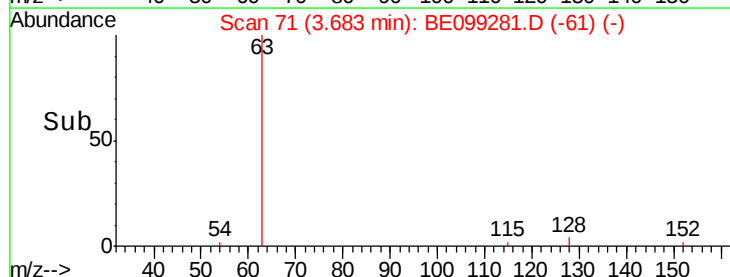
44 0.0 15.0 22.6#

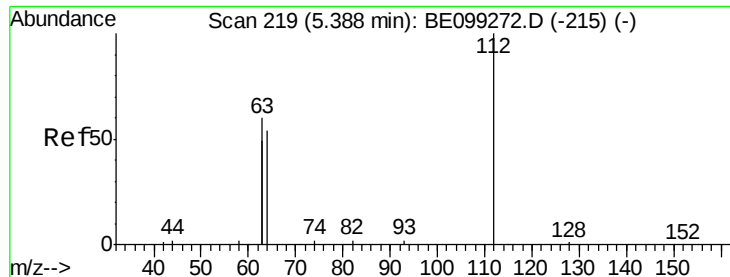


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.367 ng

RT: 5.40 min Scan# 220

Delta R.T. -0.01 min

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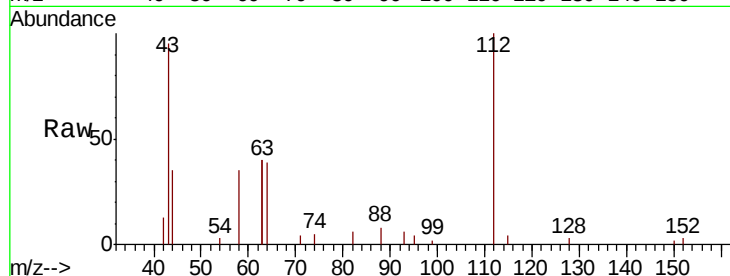
Tgt Ion: 112 Resp: 3333

Ion Ratio Lower Upper

112 100

64 54.3 46.2 69.2

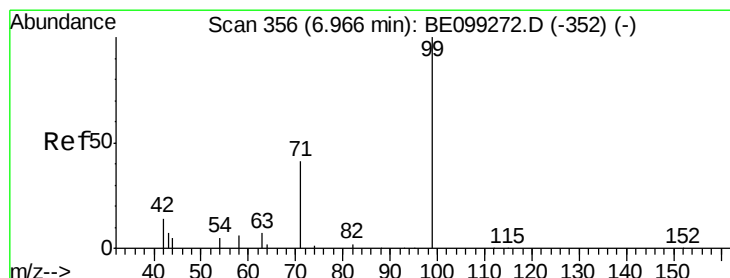
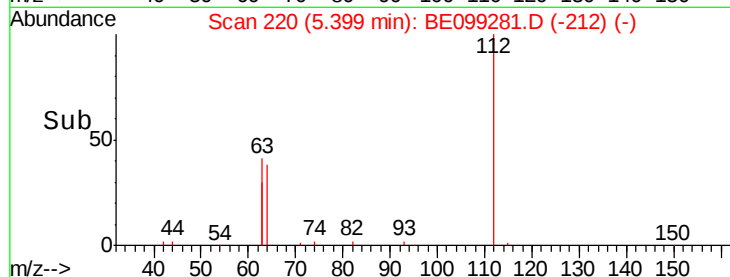
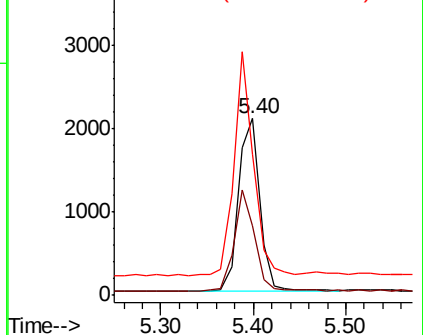
63 116.7 89.9 134.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.335 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

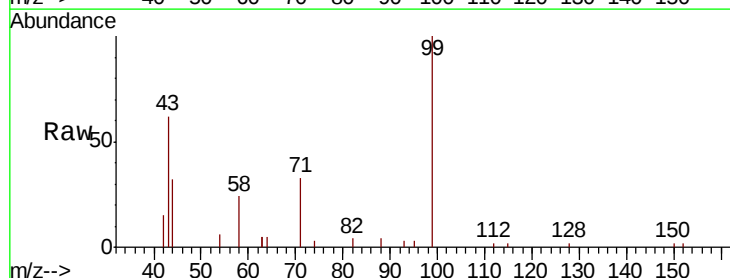
Tgt Ion: 99 Resp: 4180

Ion Ratio Lower Upper

99 100

42 13.2 12.4 18.6

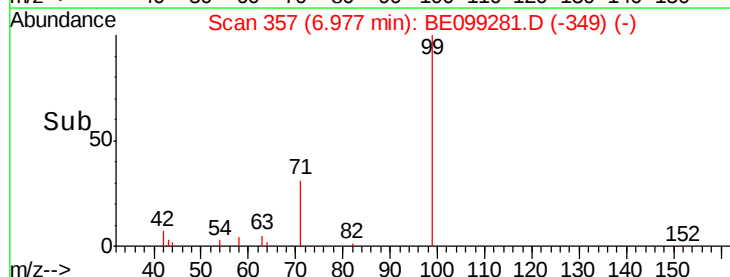
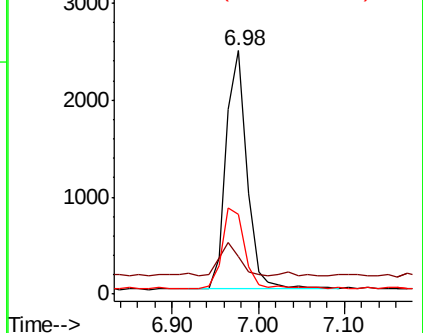
71 36.3 28.4 42.6

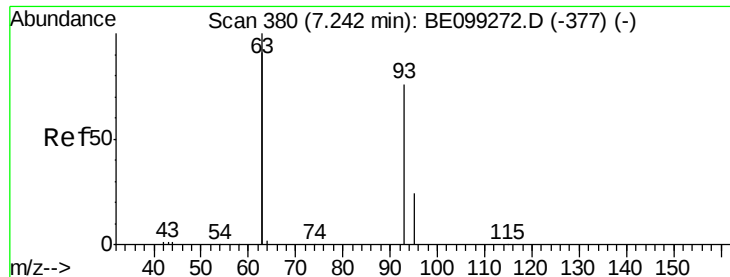


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.003 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.02 min

Lab File: BE099281.D

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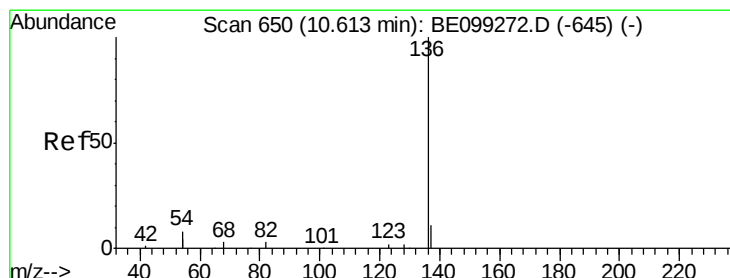
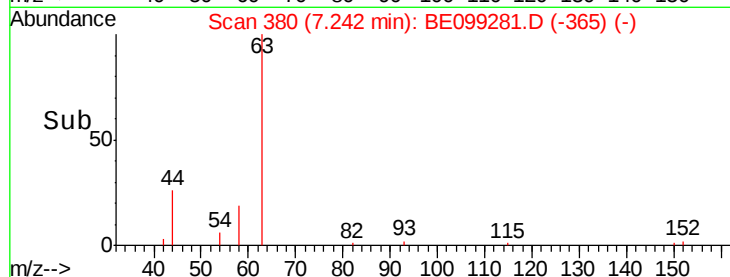
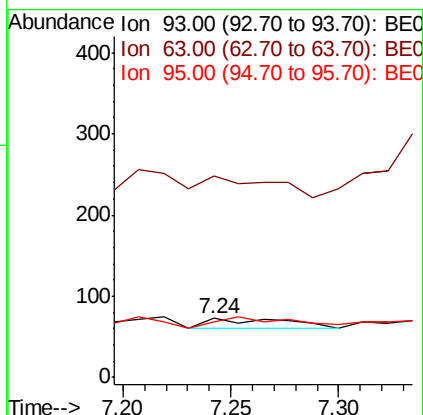
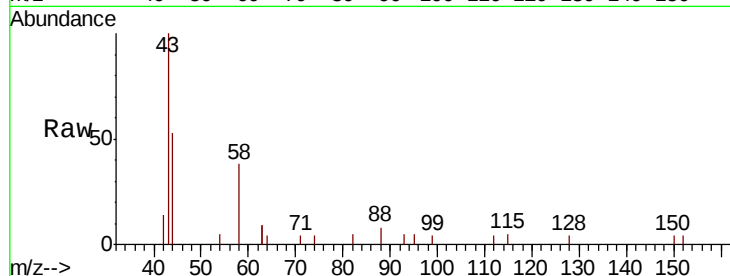
Tgt Ion: 93 Resp: 33

Ion Ratio Lower Upper

93 100

63 0.0 221.4 332.0#

95 106.1 25.8 38.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

Tgt Ion: 136 Resp: 11626

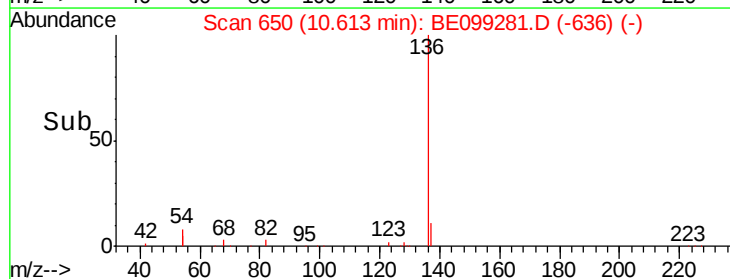
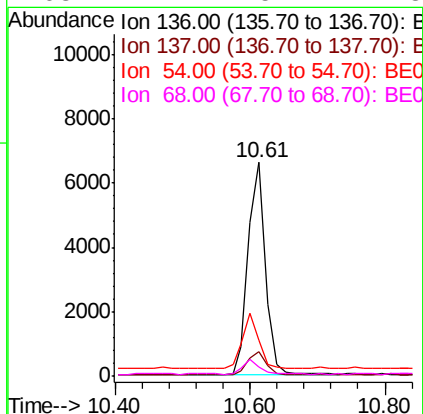
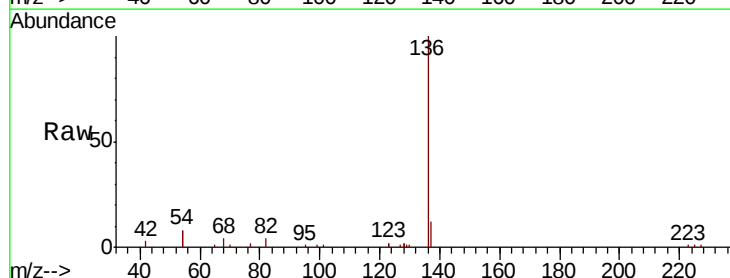
Ion Ratio Lower Upper

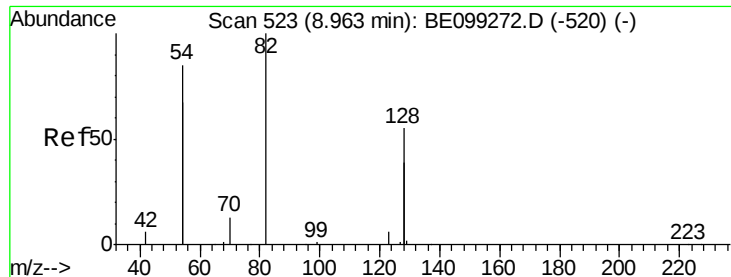
136 100

137 11.6 8.7 13.1

54 16.7 18.7 28.1#

68 4.4 5.2 7.8#





#8

Nitrobenzene-d5

Concen: 0.366 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BE099281.D

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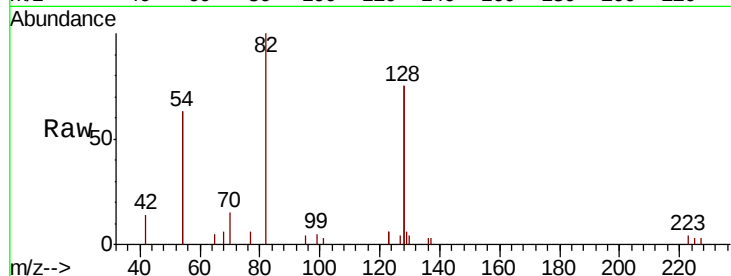
Tgt Ion: 82 Resp: 2920

Ion Ratio Lower Upper

82 100

128 149.9 107.5 161.3

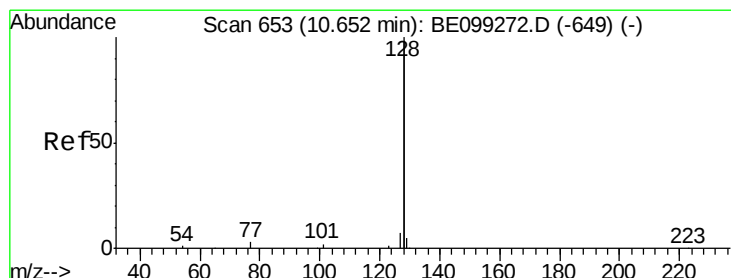
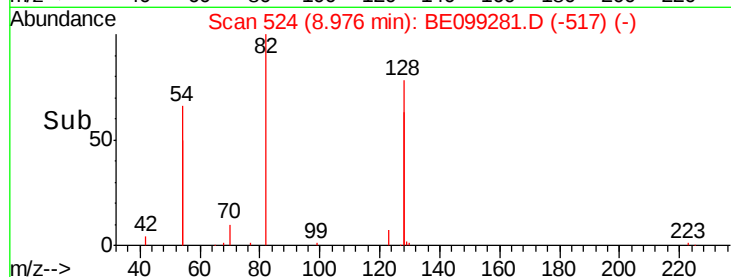
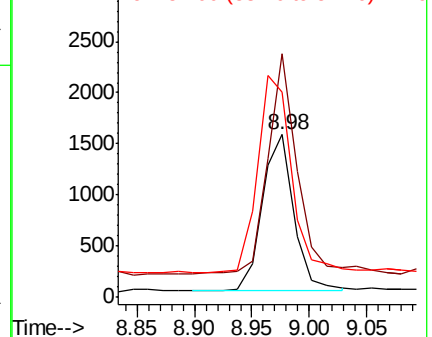
54 126.7 106.3 159.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.001 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.01 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

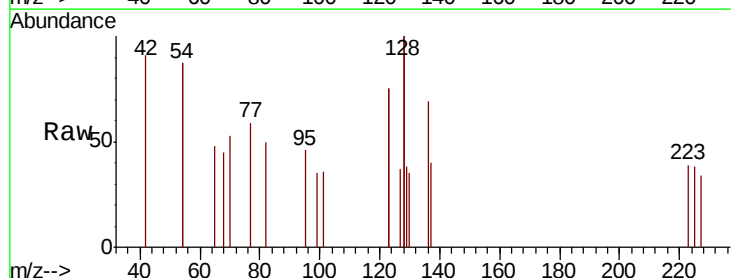
Tgt Ion: 128 Resp: 187

Ion Ratio Lower Upper

128 100

129 19.2 2.3 3.5#

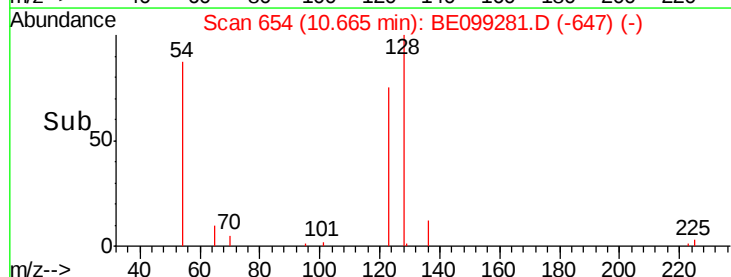
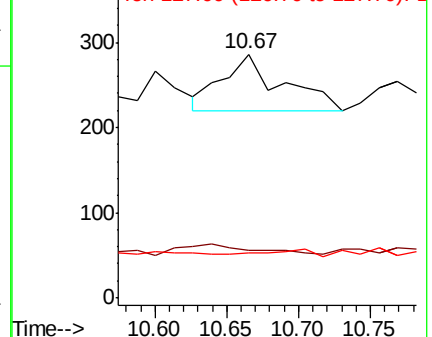
127 18.5 2.6 3.8#

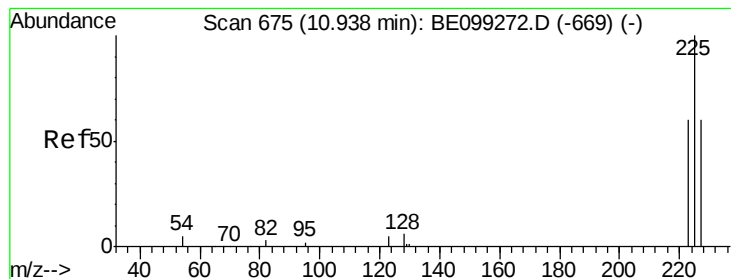


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#10

Hexachlorobutadiene

Concen: 0.000 ng

RT: 10.95 min Scan# 676

Delta R.T. -0.00 min

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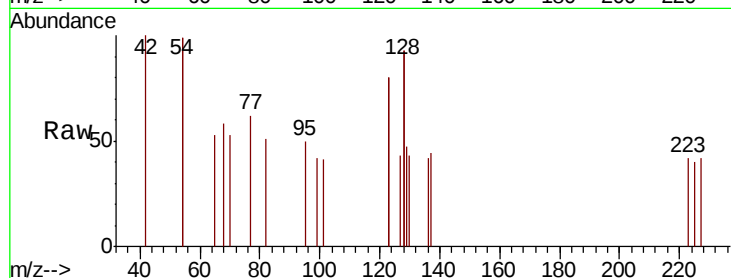
Tgt Ion: 225 Resp: 3

Ion Ratio Lower Upper

225 100

223 633.3 51.3 76.9#

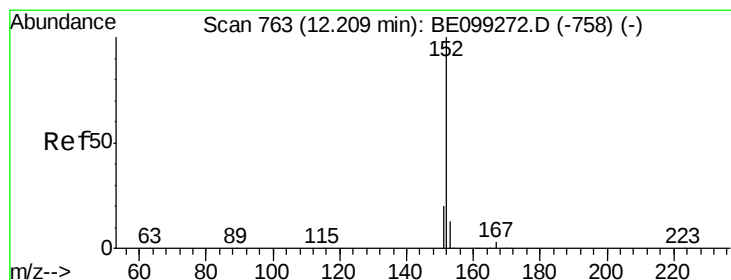
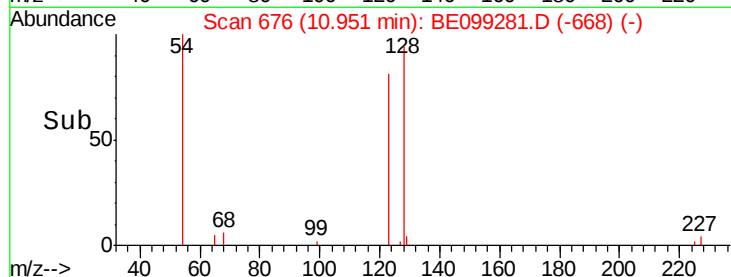
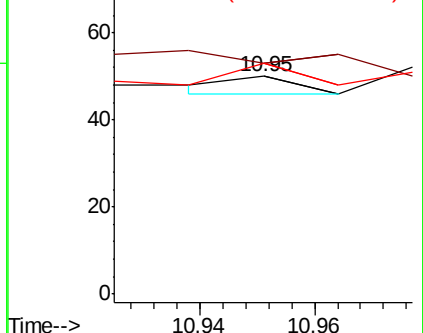
227 533.3 48.6 73.0#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.325 ng

RT: 12.20 min Scan# 762

Delta R.T. -0.03 min

Lab File: BE099281.D

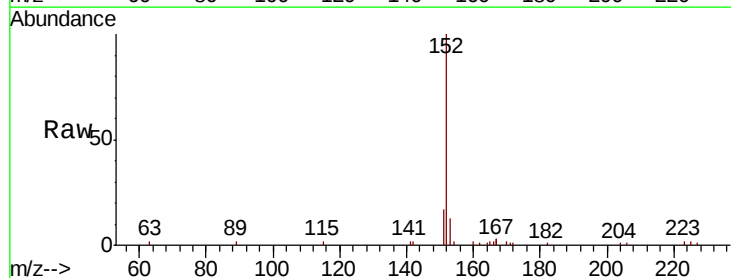
Acq: 2 Apr 2019 19:28

Tgt Ion: 152 Resp: 6603

Ion Ratio Lower Upper

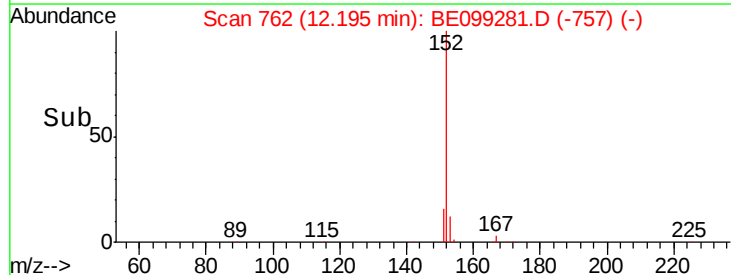
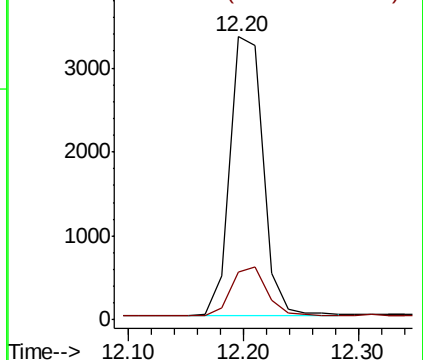
152 100

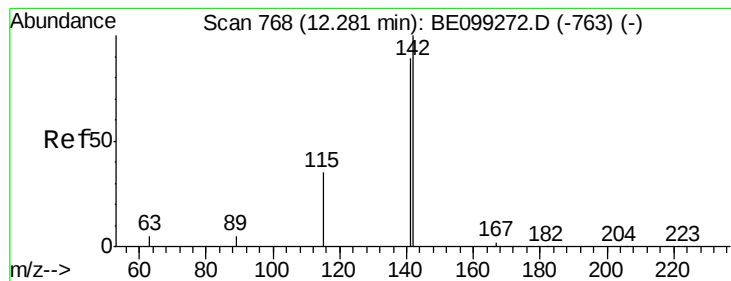
151 18.7 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.000 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.03 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

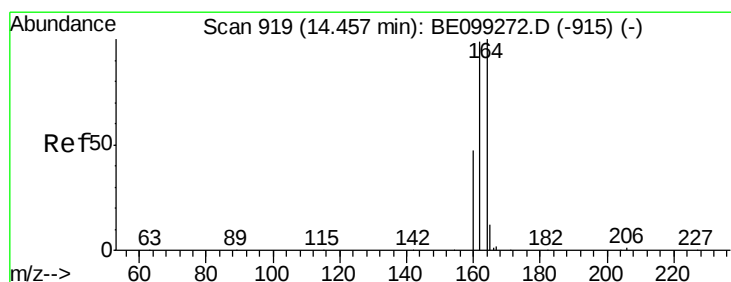
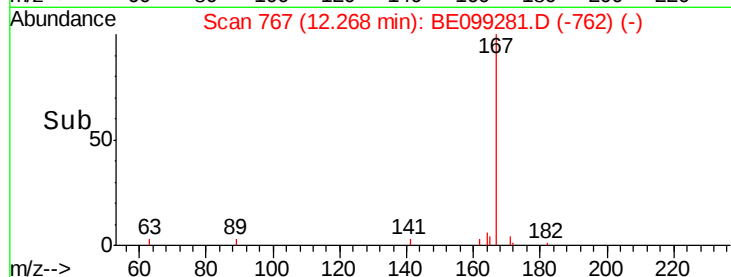
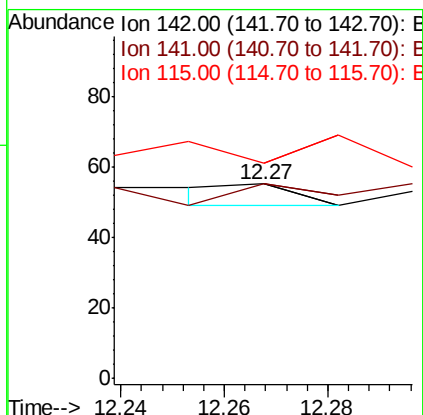
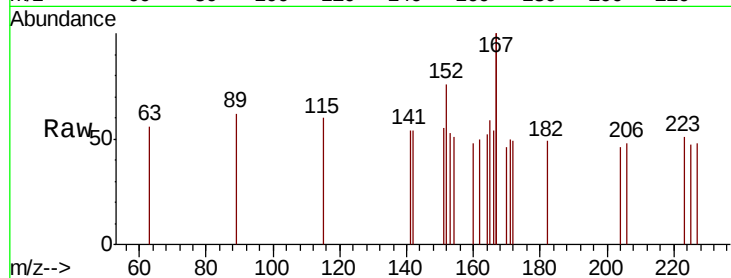
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Tgt Ion:	142	Resp:	5
Ion	Ratio	Lower	Upper
142	100		
141	100.0	71.3	106.9
115	110.9	30.4	45.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

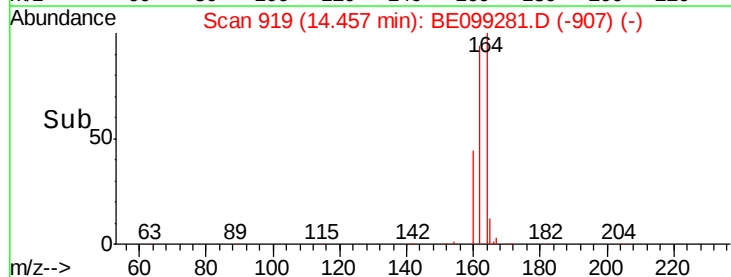
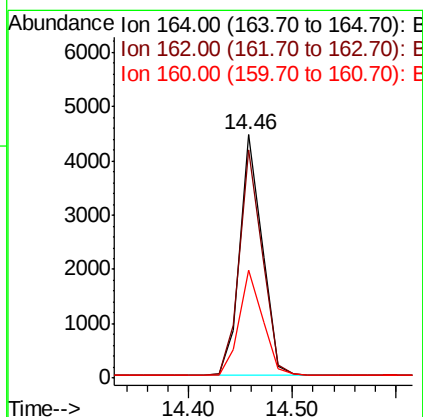
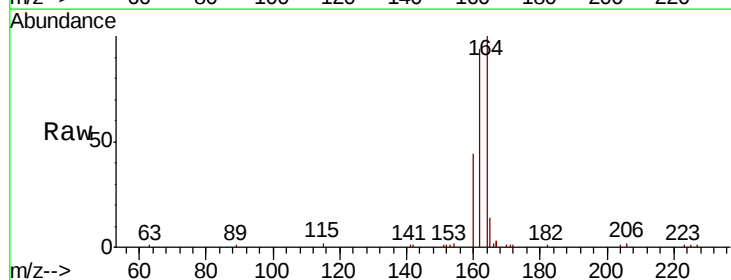
RT: 14.46 min Scan# 919

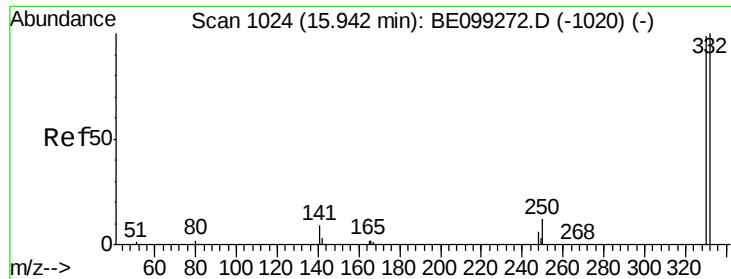
Delta R.T. -0.03 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

Tgt Ion:	164	Resp:	6664
Ion	Ratio	Lower	Upper
164	100		
162	94.0	79.2	118.8
160	44.3	36.7	55.1

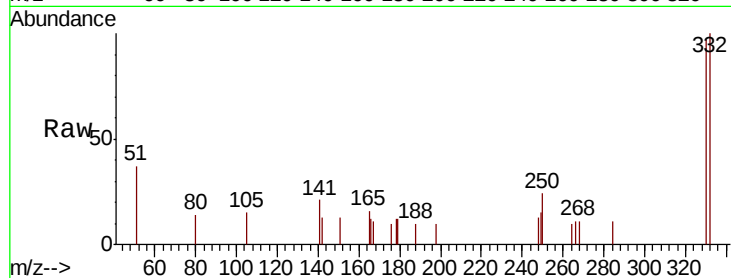




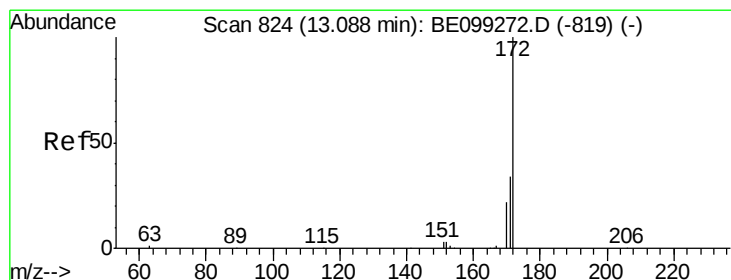
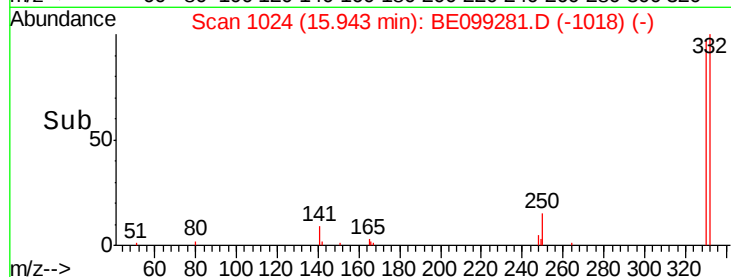
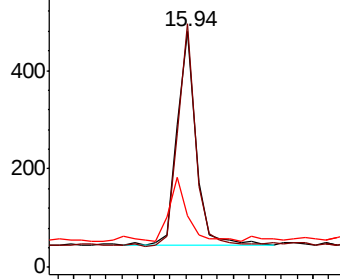
#14
 2,4,6-Tribromophenol
 Concen: 0.236 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BE099281.D
 Acq: 2 Apr 2019 19:28

Instrument :
 BNA_E
 ClientSampleId :
 PB117507BL

Tgt Ion: 330 Resp: 725
 Ion Ratio Lower Upper
 330 100
 332 96.6 71.3 106.9
 141 28.4 21.7 32.5

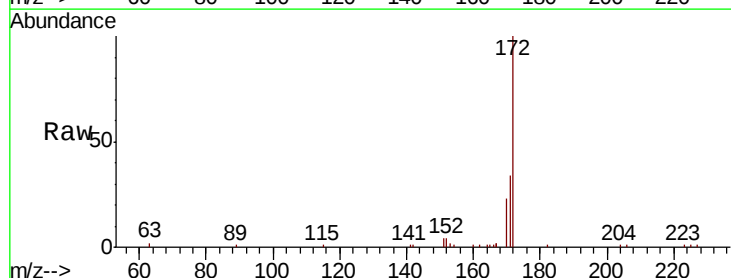


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

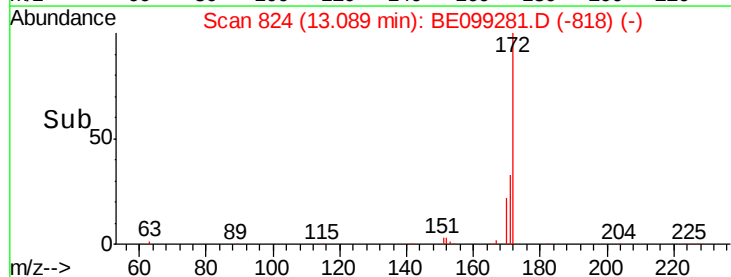
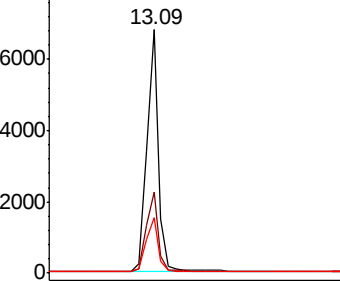


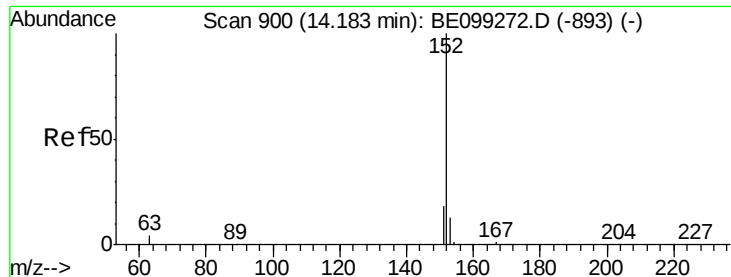
#15
 2-Fluorobiphenyl
 Concen: 0.406 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE099281.D
 Acq: 2 Apr 2019 19:28

Tgt Ion: 172 Resp: 10633
 Ion Ratio Lower Upper
 172 100
 171 33.5 27.4 41.0
 170 22.8 19.1 28.7



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: 0.001 ng

RT: 14.17 min Scan# 899

Delta R.T. -0.03 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

Instrument :

BNA_E

ClientSampleId :

PB117507BL

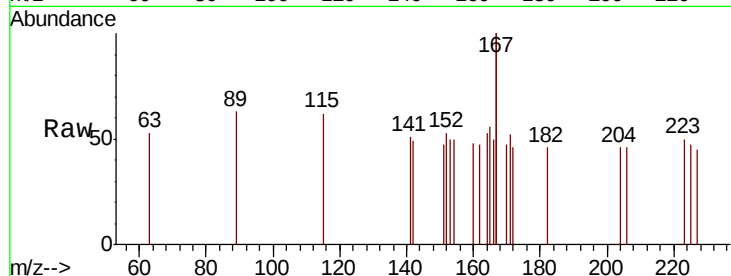
Tgt Ion:152 Resp: 19

Ion Ratio Lower Upper

152 100

151 42.1 15.7 23.5#

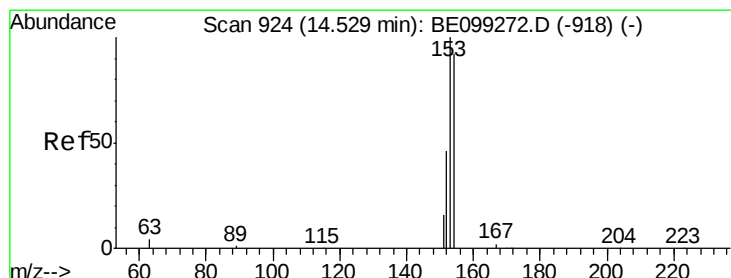
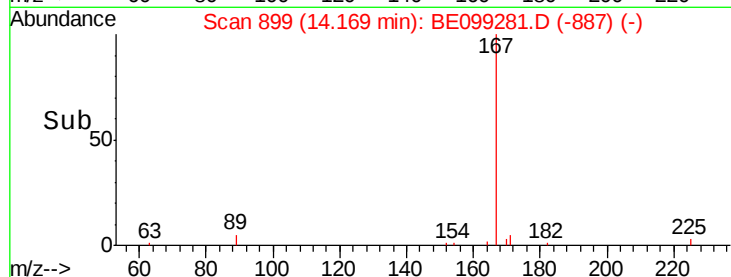
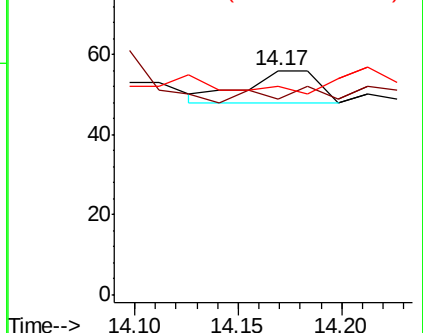
153 0.0 10.6 15.8#



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: 0.001 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.09 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

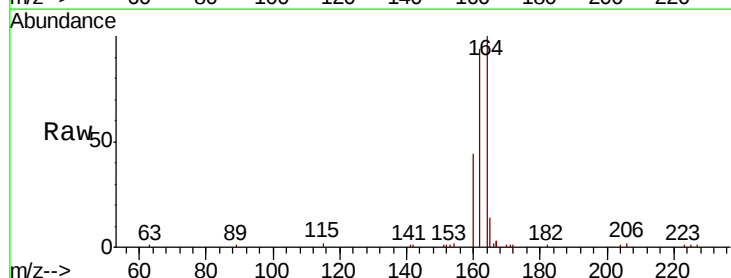
Tgt Ion:154 Resp: 24

Ion Ratio Lower Upper

154 100

153 0.0 93.4 140.0#

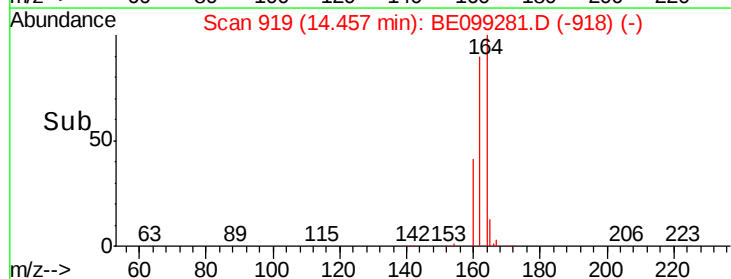
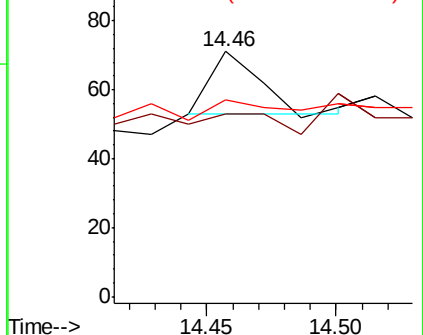
152 45.8 46.6 69.8#

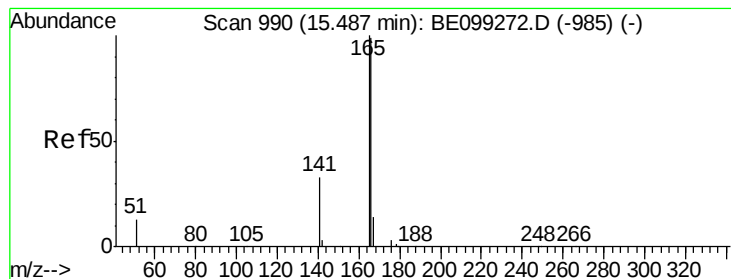


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.000 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.03 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

Instrument :

BNA_E

ClientSampleId :

PB117507BL

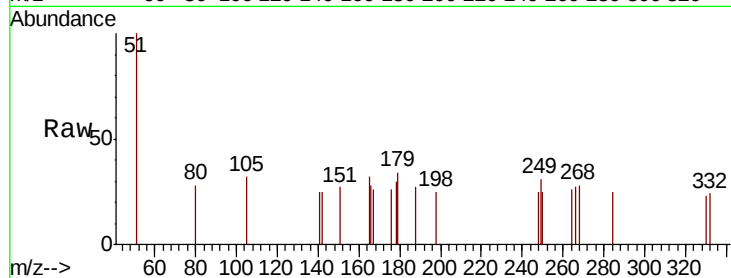
Tgt Ion:166 Resp: 12

Ion Ratio Lower Upper

166 100

165 108.3 78.9 118.3

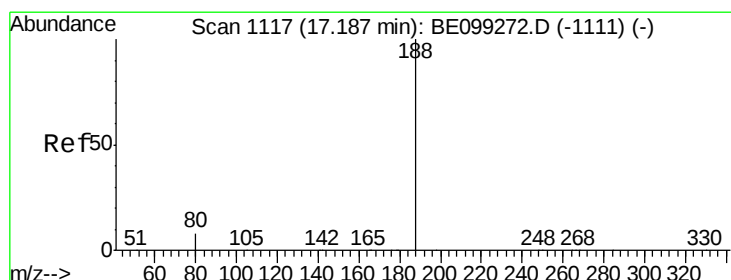
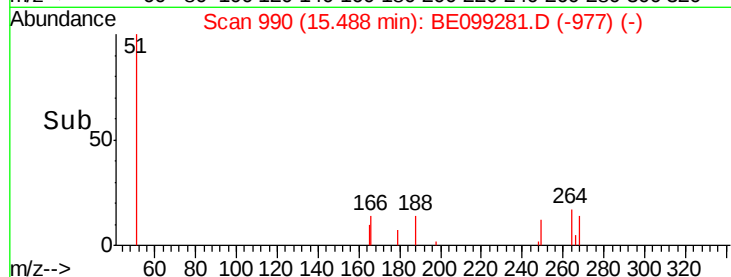
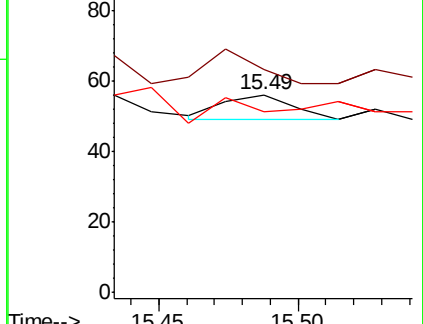
167 0.0 10.9 16.3#



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. -0.03 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

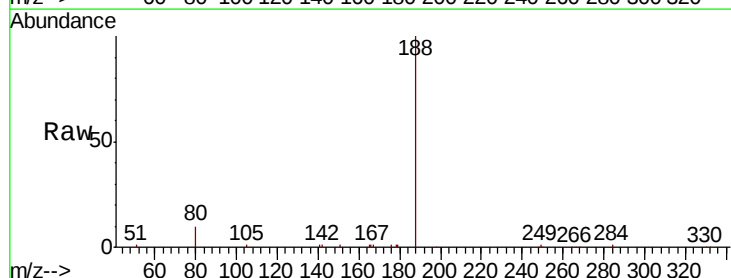
Tgt Ion:188 Resp: 17691

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

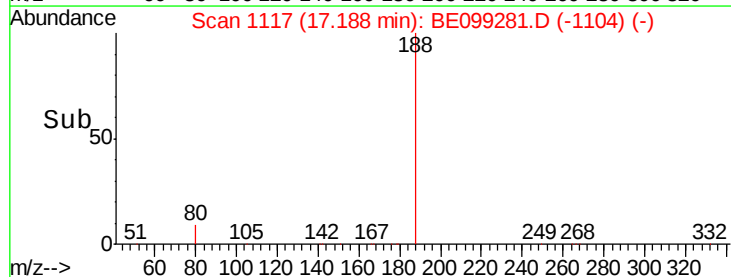
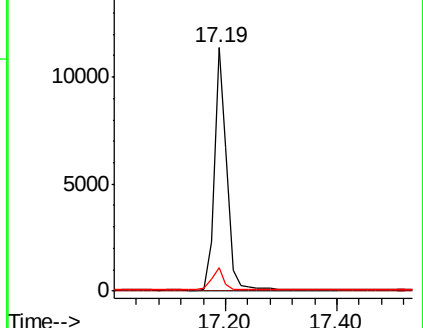
80 9.5 4.5 6.7#

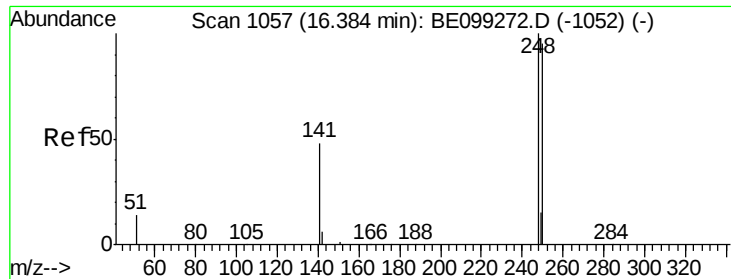


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

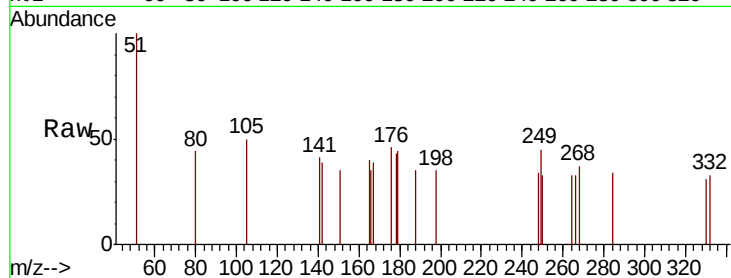




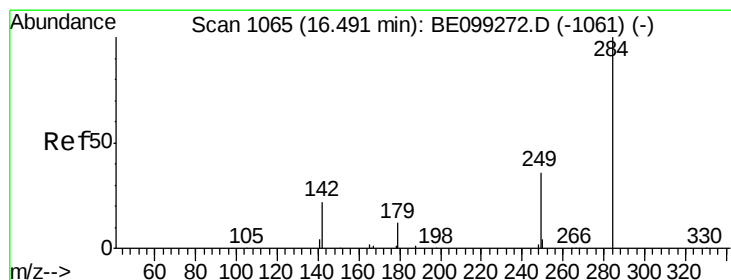
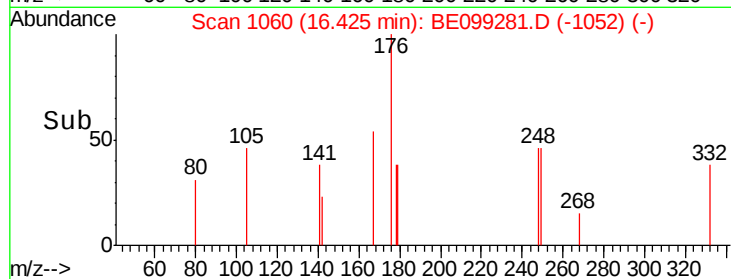
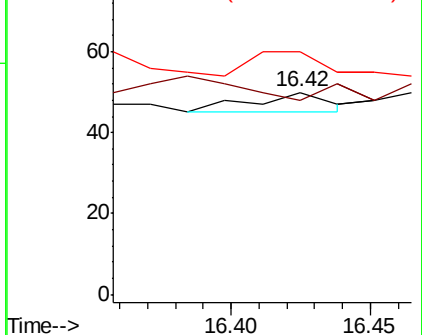
#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.42 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BE099281.D
Acq: 2 Apr 2019 19:28

Instrument :
BNA_E
ClientSampleId :
PB117507BL

Tgt Ion:248 Resp: 10
Ion Ratio Lower Upper
248 100
250 96.0 84.2 126.2
141 120.0 21.8 32.6#

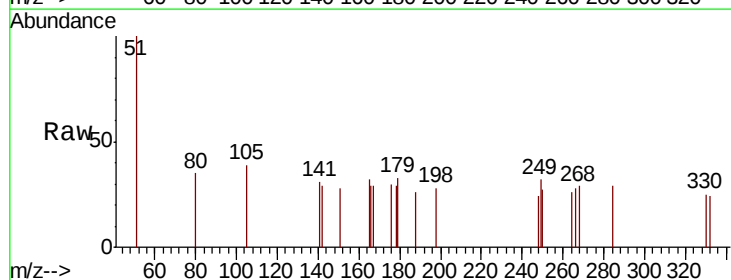


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

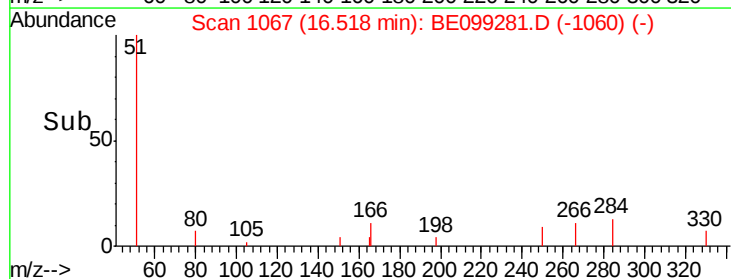
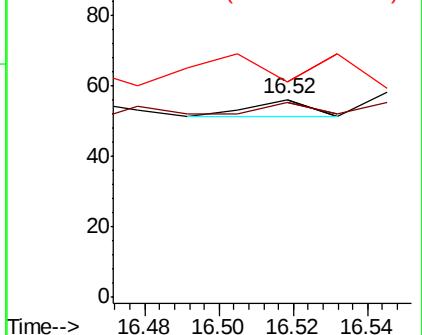


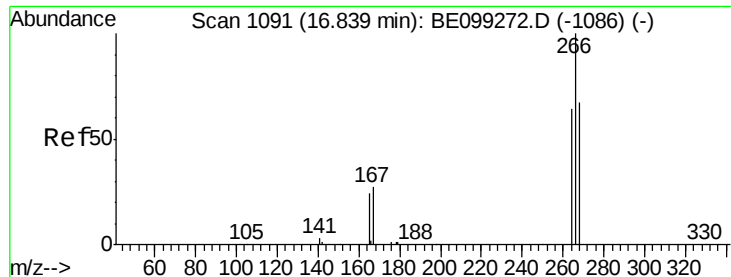
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099281.D
Acq: 2 Apr 2019 19:28

Tgt Ion:284 Resp: 6
Ion Ratio Lower Upper
284 100
142 33.3 22.7 34.1
249 366.7 26.9 40.3#



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: 0.002 ng

RT: 16.80 min Scan# 1088

Delta R.T. -0.07 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

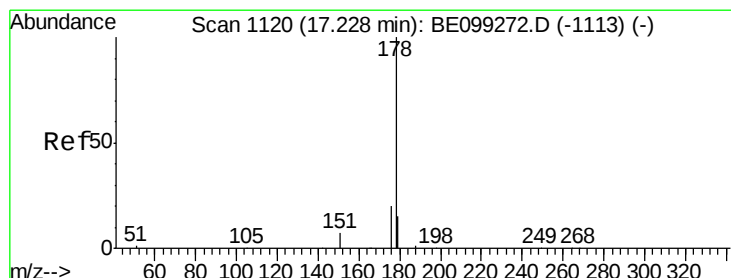
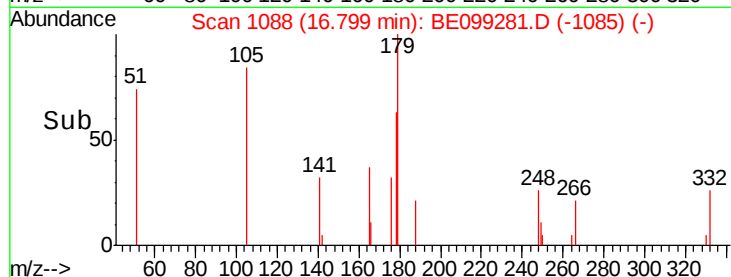
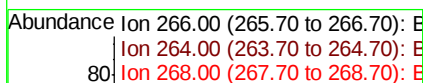
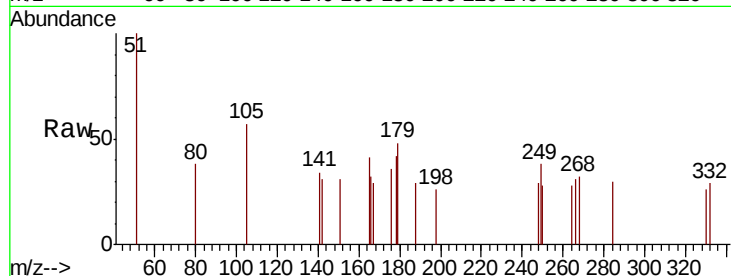
Instrument :

BNA_E

ClientSampleId :

PB117507BL

Tgt Ion:	266	Resp:	9
Ion	Ratio	Lower	Upper
266	100		
264	90.9	54.4	81.6#
268	103.6	61.3	91.9#



#23

Phenanthrene

Concen: 0.002 ng

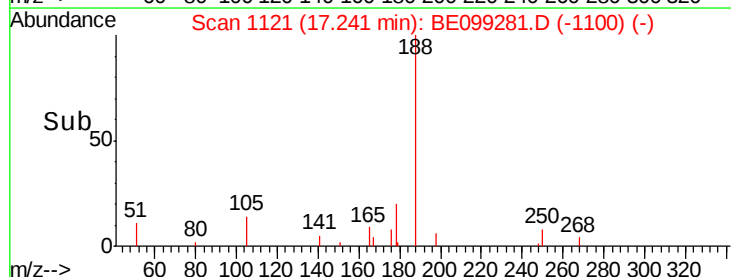
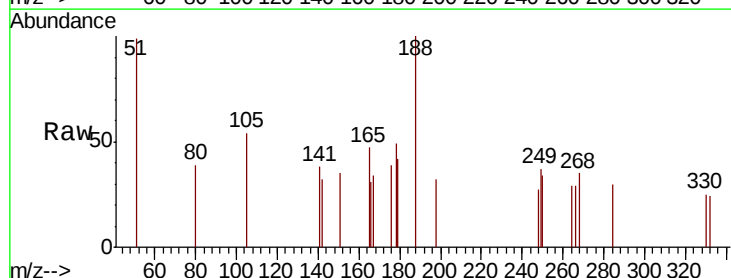
RT: 17.24 min Scan# 1121

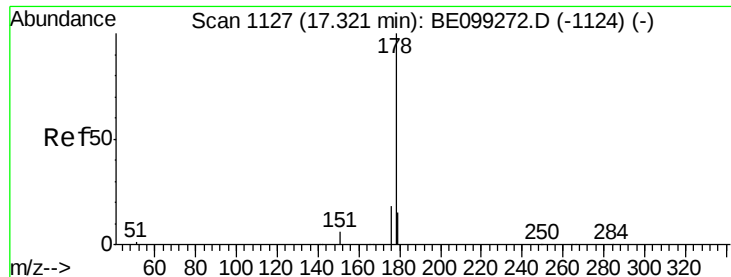
Delta R.T. -0.01 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

Tgt Ion:	178	Resp:	87
Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.2#
179	0.0	12.3	18.5#





#24

Anthracene

Concen: 0.001 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

Instrument :

BNA_E

ClientSampleId :

PB117507BL

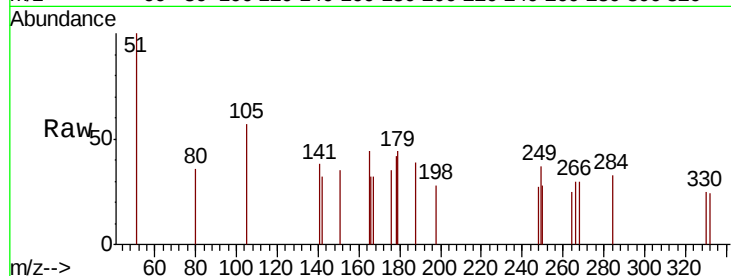
Tgt Ion:178 Resp: 31

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

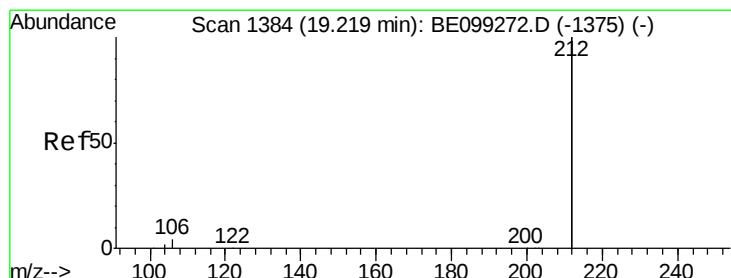
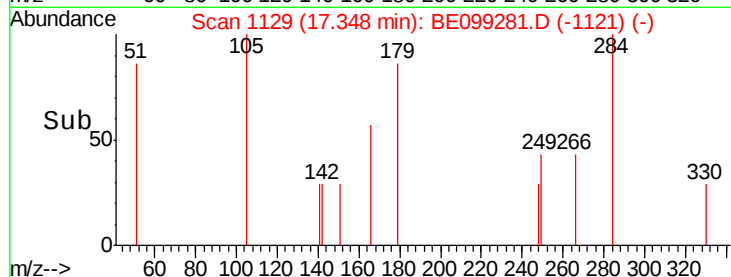
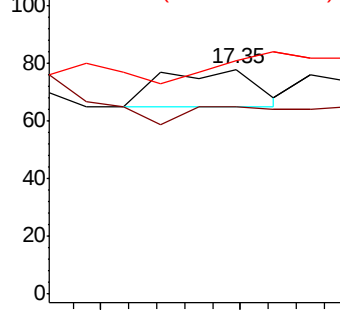
179 112.9 12.4 18.6#



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: 0.315 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

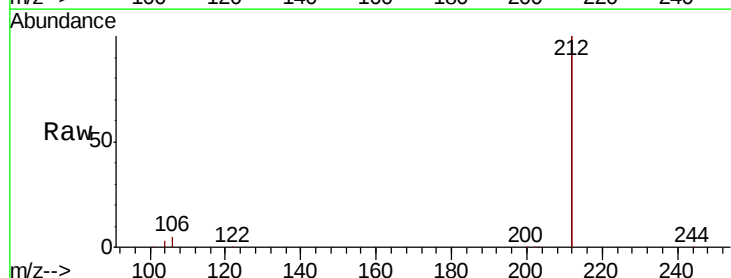
Tgt Ion:212 Resp: 73577

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

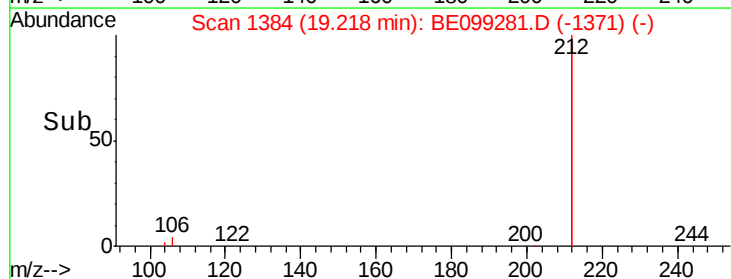
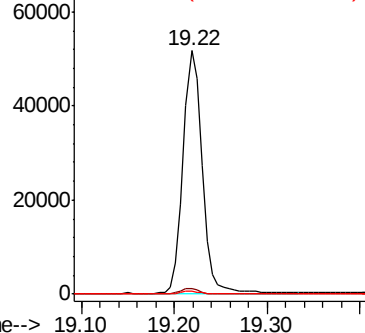
104 1.3 1.1 1.7

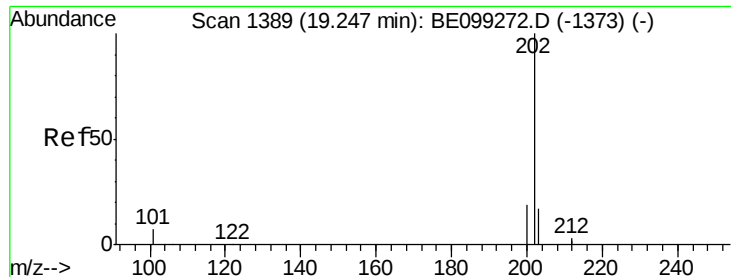


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

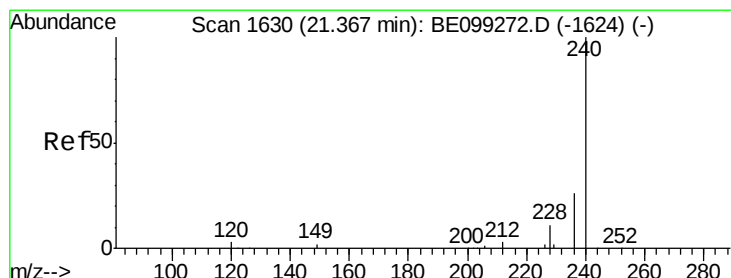
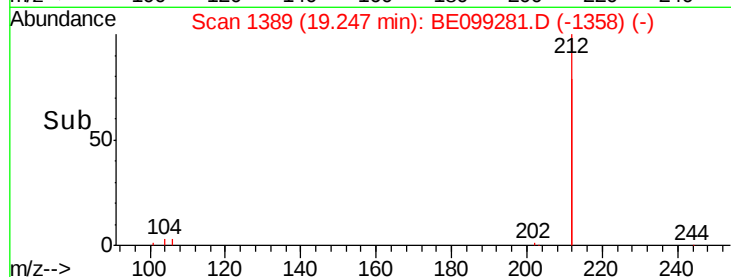
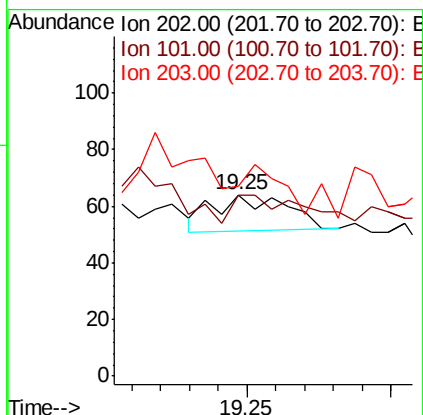
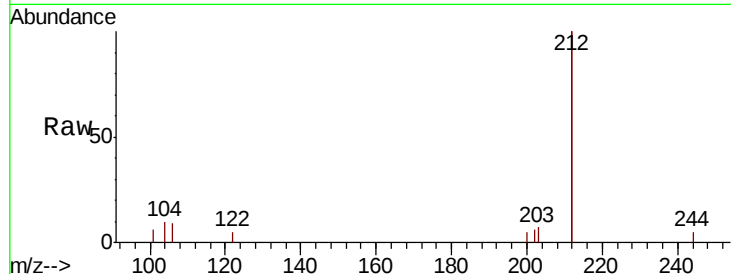




#26
 Fluoranthene
 Concen: 0.000 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: BE099281.D
 Acq: 2 Apr 2019 19:28

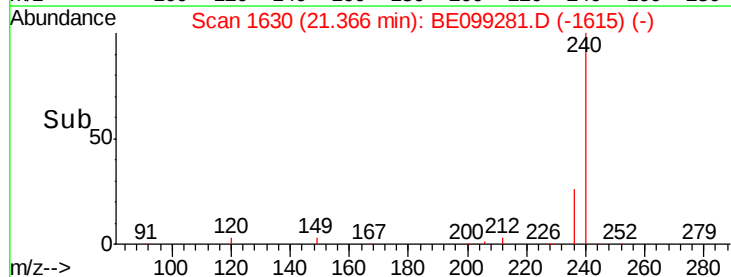
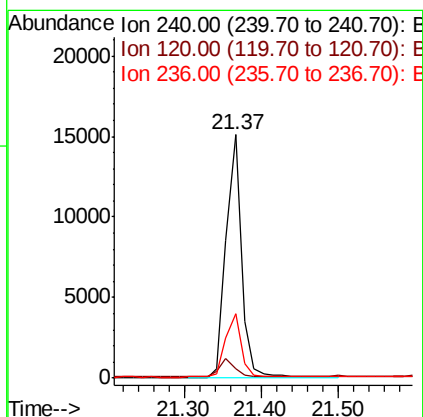
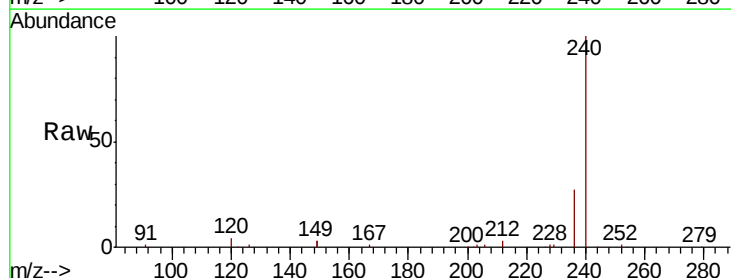
Instrument :
 BNA_E
 ClientSampleId :
 PB117507BL

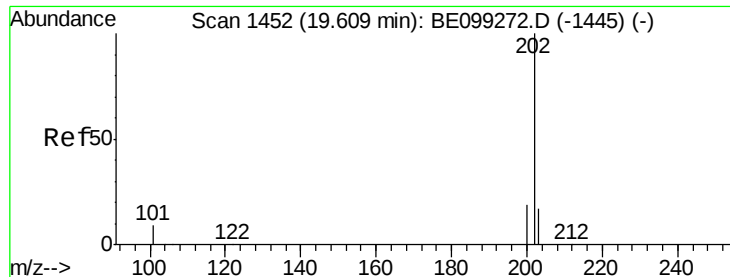
Tgt Ion: 202 Resp: 22
 Ion Ratio Lower Upper
 202 100
 101 77.3 7.0 10.4#
 203 63.6 13.8 20.6#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.02 min
 Lab File: BE099281.D
 Acq: 2 Apr 2019 19:28

Tgt Ion: 240 Resp: 21106
 Ion Ratio Lower Upper
 240 100
 120 3.7 2.6 3.8
 236 26.6 20.9 31.3





#28

Pyrene

Concen: 0.001 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

Instrument :

BNA_E

ClientSampleId :

PB117507BL

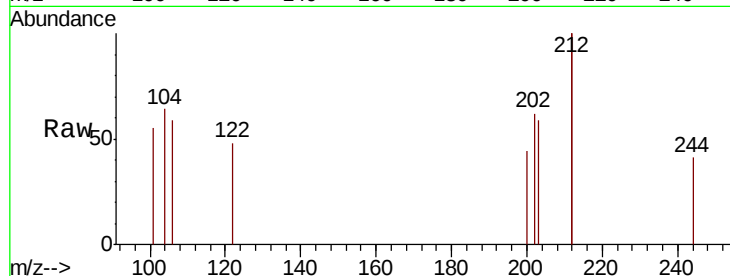
Tgt Ion:202 Resp: 36

Ion Ratio Lower Upper

202 100

200 0.0 15.8 23.8#

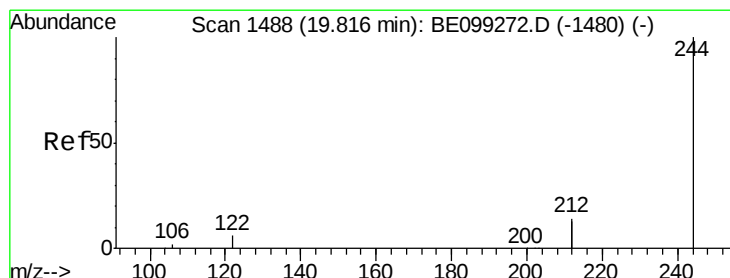
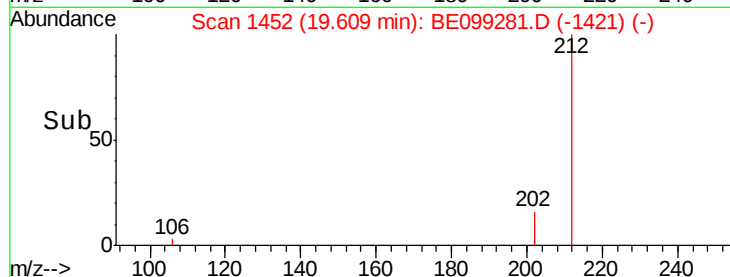
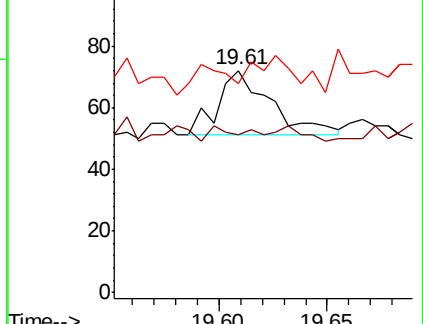
203 36.1 14.1 21.1#



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: 0.386 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

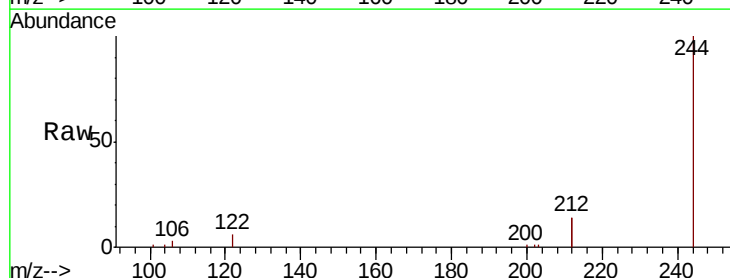
Tgt Ion:244 Resp: 14875

Ion Ratio Lower Upper

244 100

212 28.6 22.7 34.1

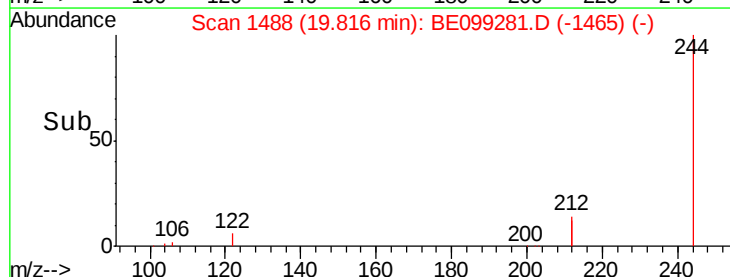
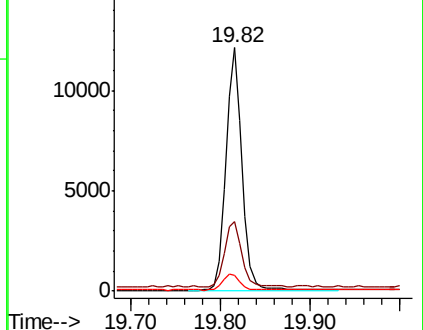
122 6.5 5.8 8.6

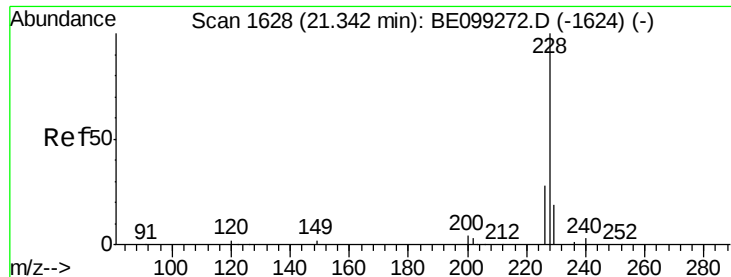


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

Instrument :

BNA_E

ClientSampleId :

PB117507BL

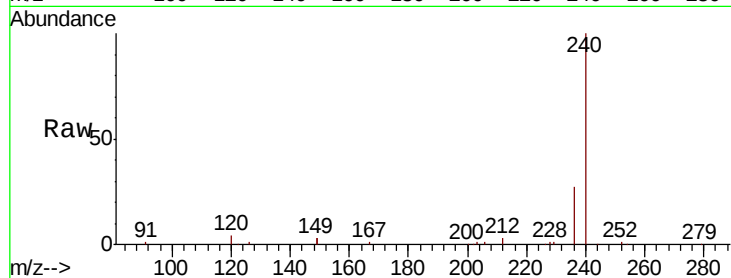
Tgt Ion:228 Resp: 126

Ion Ratio Lower Upper

228 100

226 56.1 21.7 32.5#

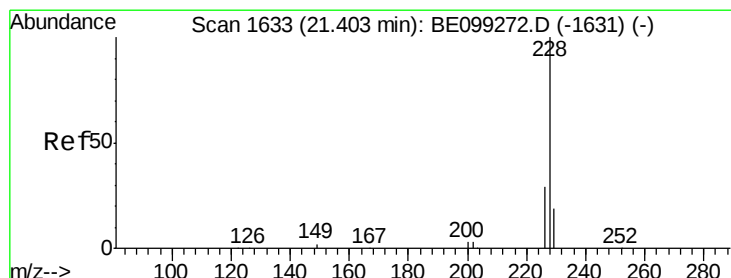
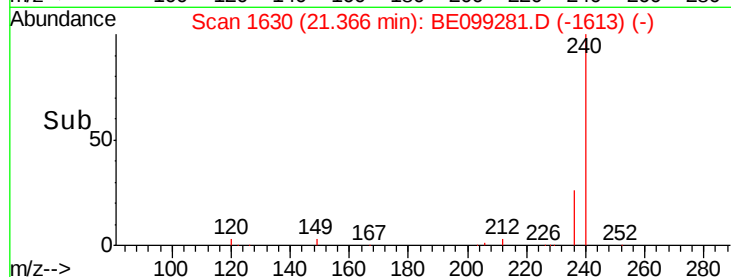
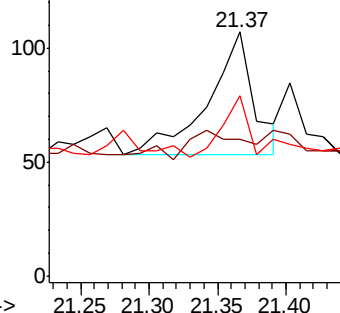
229 73.8 15.9 23.9#



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: 0.001 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.05 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

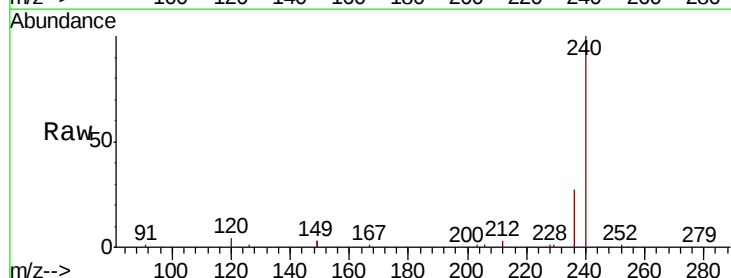
Tgt Ion:228 Resp: 76

Ion Ratio Lower Upper

228 100

226 56.1 24.8 37.2#

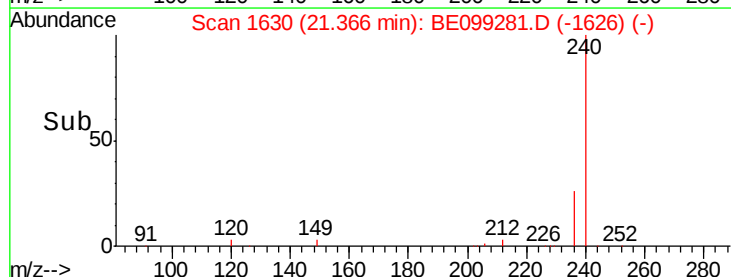
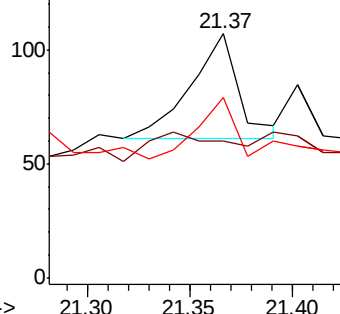
229 73.8 15.4 23.0#

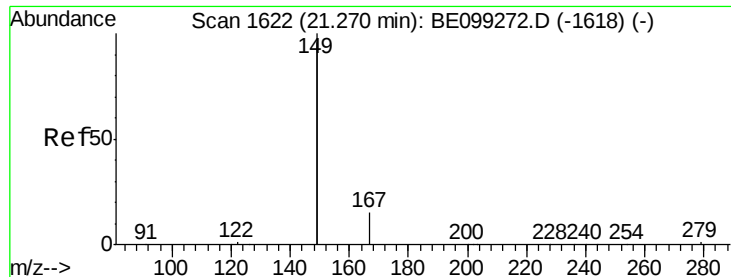


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

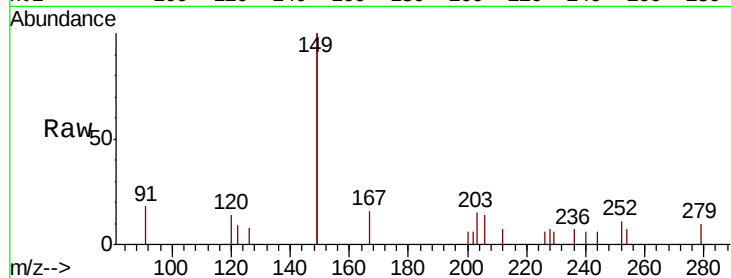




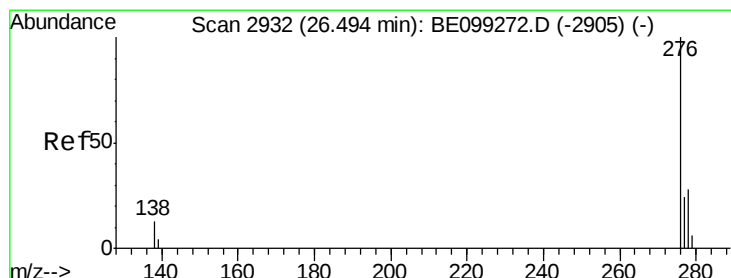
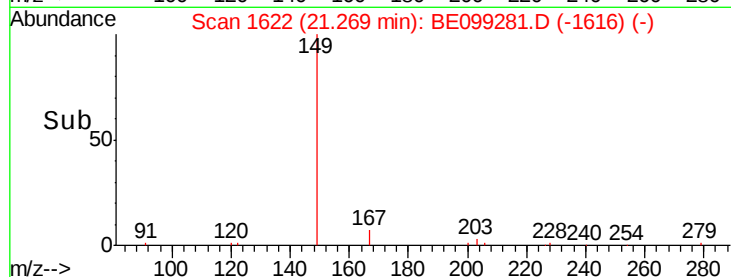
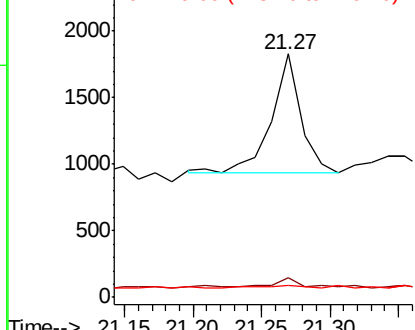
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.016 ng
 RT: 21.27 min Scan# 1622
 Delta R.T. -0.02 min
 Lab File: BE099281.D
 Acq: 2 Apr 2019 19:28

Instrument :
 BNA_E
 ClientSampleId :
 PB117507BL

Tgt Ion: 149 Resp: 1365
 Ion Ratio Lower Upper
 149 100
 167 8.2 5.9 8.9
 279 5.1 1.0 1.6#

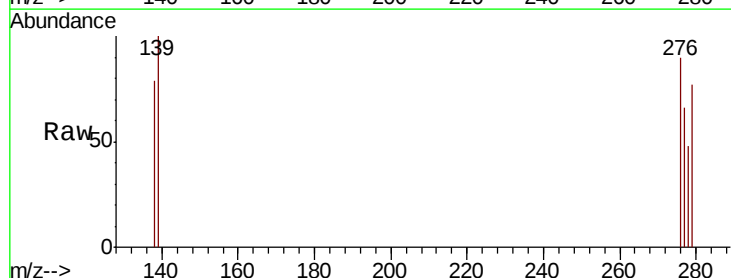


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

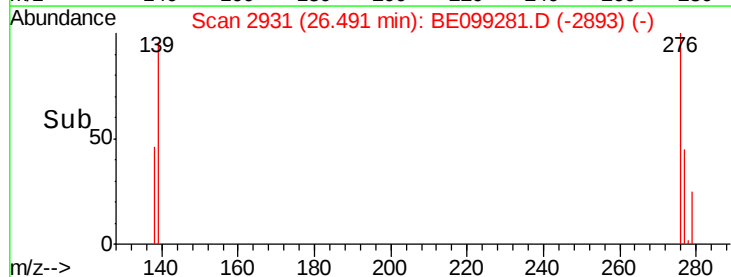
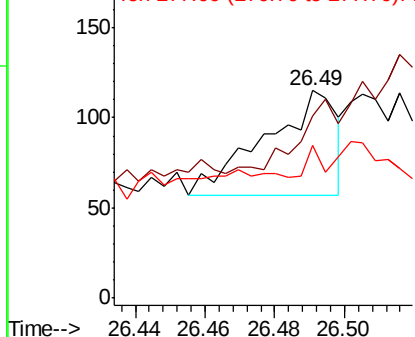


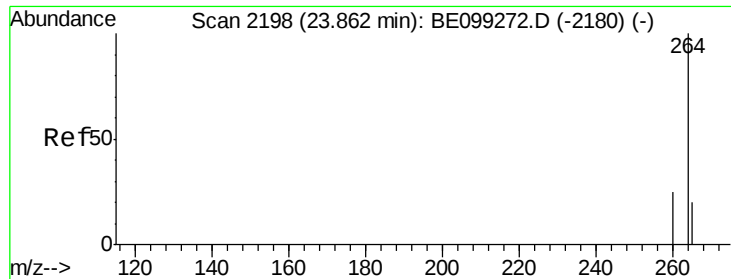
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.001 ng
 RT: 26.49 min Scan# 2931
 Delta R.T. -0.07 min
 Lab File: BE099281.D
 Acq: 2 Apr 2019 19:28

Tgt Ion: 276 Resp: 82
 Ion Ratio Lower Upper
 276 100
 138 0.0 12.9 19.3#
 277 6.1 18.3 27.5#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

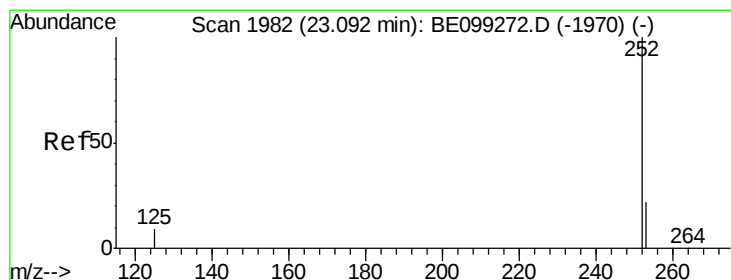
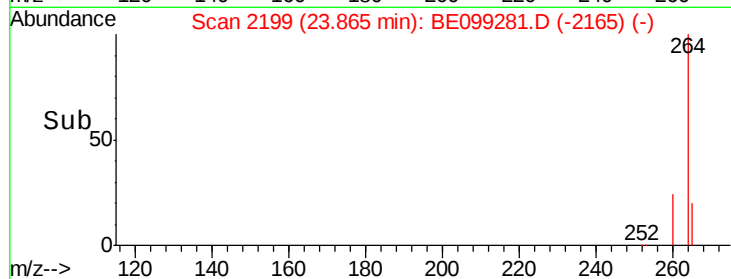
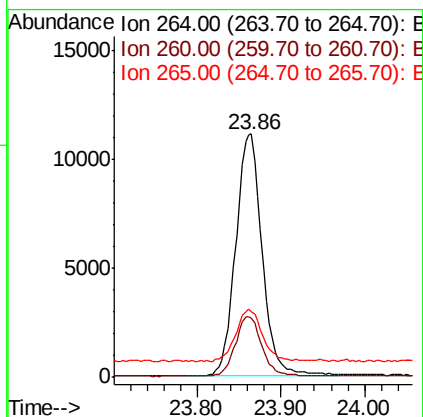
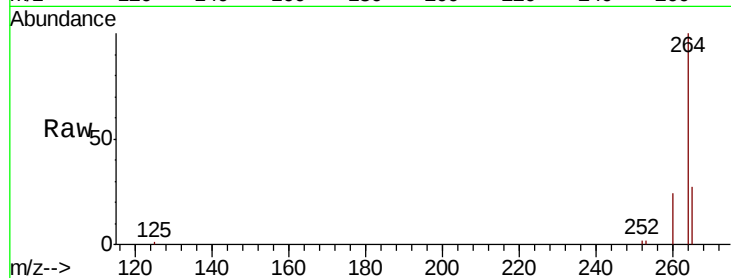




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BE099281.D
Acq: 2 Apr 2019 19:28

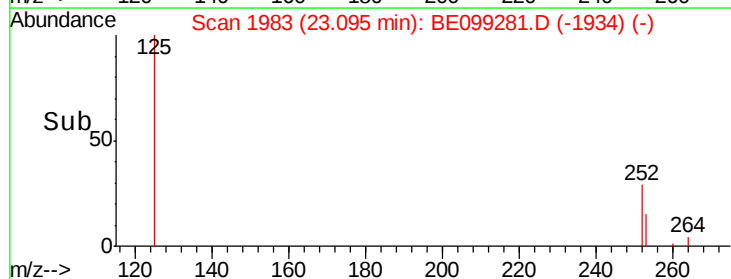
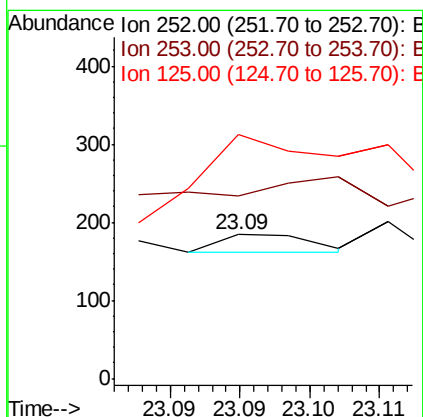
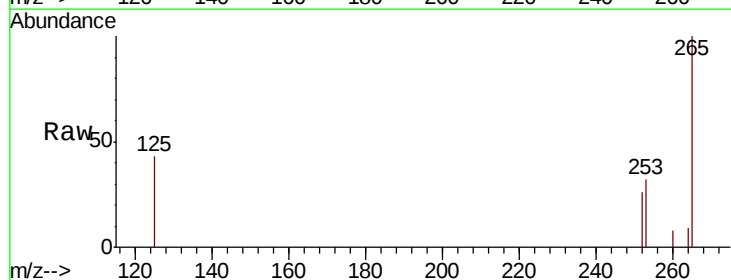
Instrument :
BNA_E
ClientSampleId :
PB117507BL

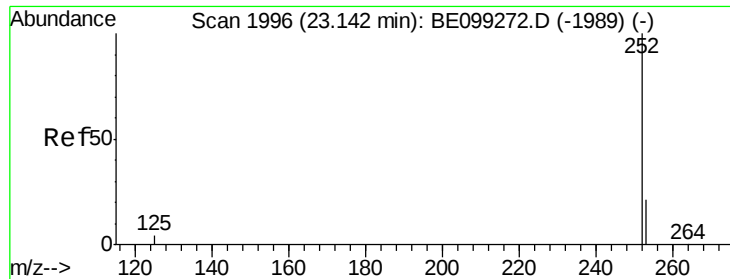
Tgt Ion:264 Resp: 24424
Ion Ratio Lower Upper
264 100
260 24.2 18.2 27.2
265 26.9 21.8 32.8



#35
Benzo(b)fluoranthene
Concen: 0.000 ng
RT: 23.09 min Scan# 1983
Delta R.T. -0.03 min
Lab File: BE099281.D
Acq: 2 Apr 2019 19:28

Tgt Ion:252 Resp: 11
Ion Ratio Lower Upper
252 100
253 127.2 17.8 26.8#
125 169.6 6.1 9.1#





#36

Benzo(k)fluoranthene

Concen: 0.001 ng

RT: 23.15 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

Instrument :

BNA_E

ClientSampleId :

PB117507BL

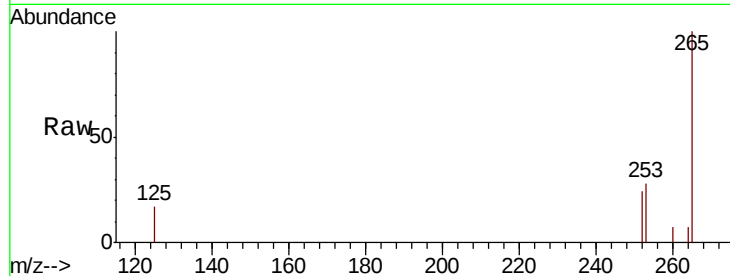
Tgt Ion: 252 Resp: 60

Ion Ratio Lower Upper

252 100

253 118.7 17.8 26.6#

125 73.6 5.9 8.9#

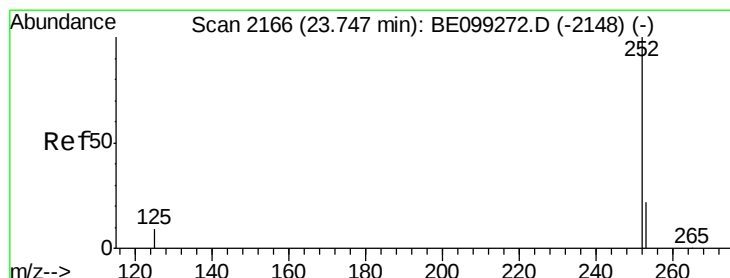
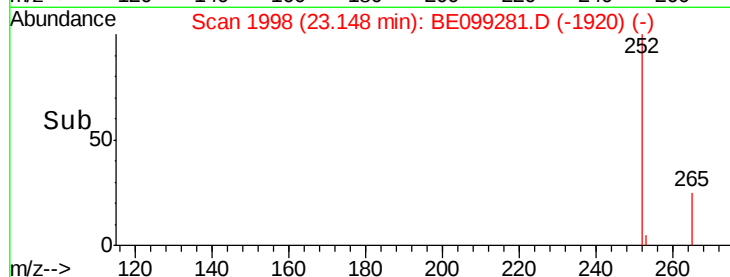
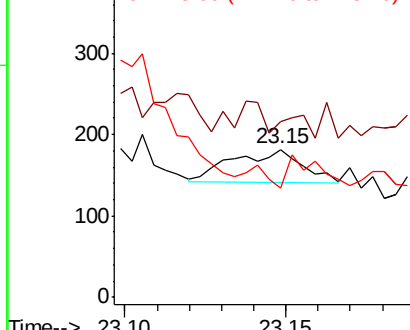


Abundance

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: 0.001 ng

RT: 23.75 min Scan# 2168

Delta R.T. -0.03 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

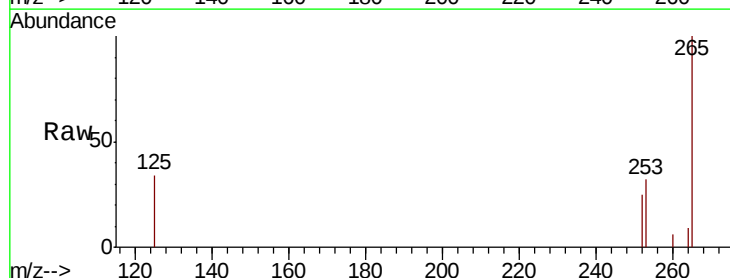
Tgt Ion: 252 Resp: 65

Ion Ratio Lower Upper

252 100

253 125.0 18.1 27.1#

125 136.7 6.8 10.2#

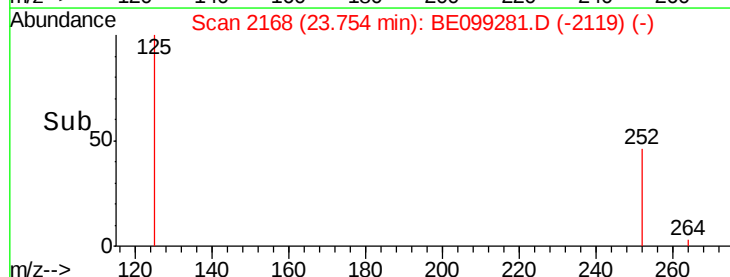
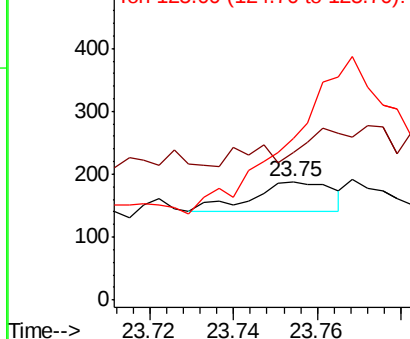


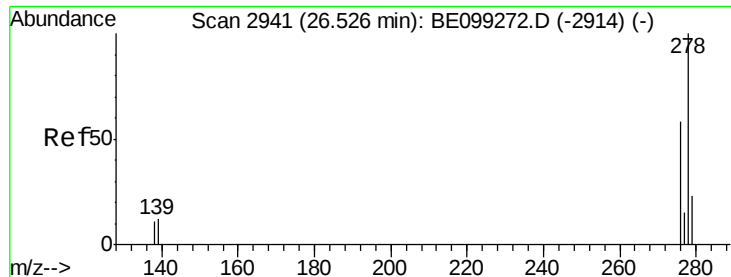
Abundance

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





#38

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 26.53 min Scan# 2942

Delta R.T. -0.06 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

Instrument :

BNA_E

ClientSampleId :

PB117507BL

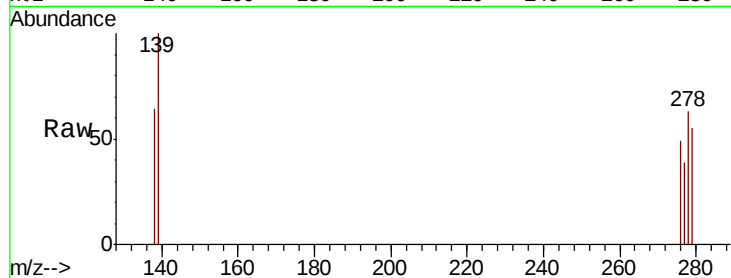
Tgt Ion: 278 Resp: 206

Ion Ratio Lower Upper

278 100

139 158.1 9.5 14.3#

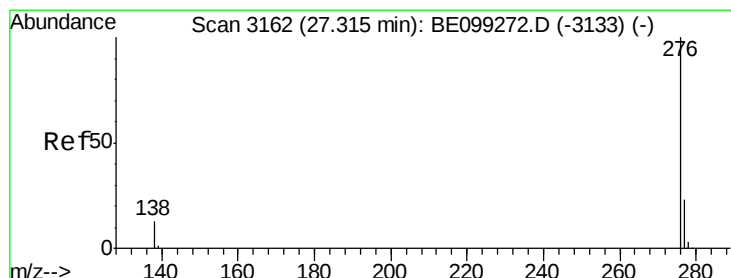
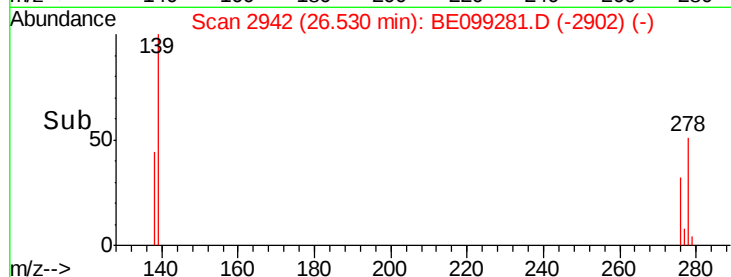
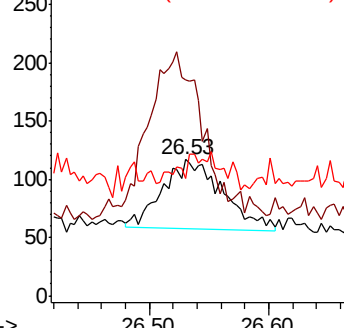
279 86.3 19.1 28.7#



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(g,h,i)perylene

Concen: 0.001 ng

RT: 27.31 min Scan# 3162

Delta R.T. -0.06 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

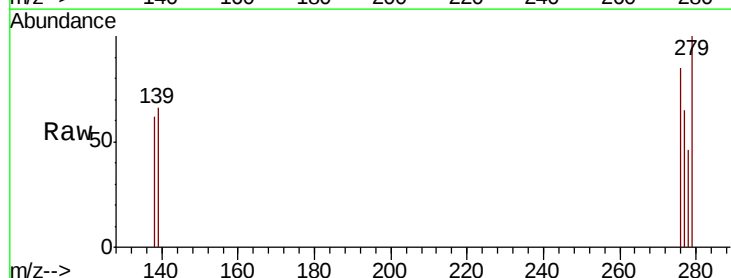
Tgt Ion: 276 Resp: 61

Ion Ratio Lower Upper

276 100

277 76.8 19.0 28.4#

138 73.7 11.1 16.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

