

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE043019\
 Data File : BE099421.D
 Acq On : 30 Apr 2019 11:55
 Operator : JU/SJ
 Sample : PB119270BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119270BL

Quant Time: Apr 30 23:56:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 18:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	15	0.40	ng	0.00
7) Naphthalene-d8	10.62	136	31	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	53	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	82	0.40	ng	0.00
27) Chrysene-d12	21.37	240	92	0.40	ng	0.00
34) Perylene-d12	23.87	264	21	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	16	0.39	ng	0.03
5) Phenol-d6	6.94	99	28	0.51	ng	-0.03
8) Nitrobenzene-d5	8.98	82	13	0.45	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	27	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.92	330	11	0.33	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	30	0.15	ng	-0.01
25) Fluoranthene-d10	19.22	212	169	0.15	ng	0.00
29) Terphenyl-d14	19.82	244	53	0.31	ng	0.00

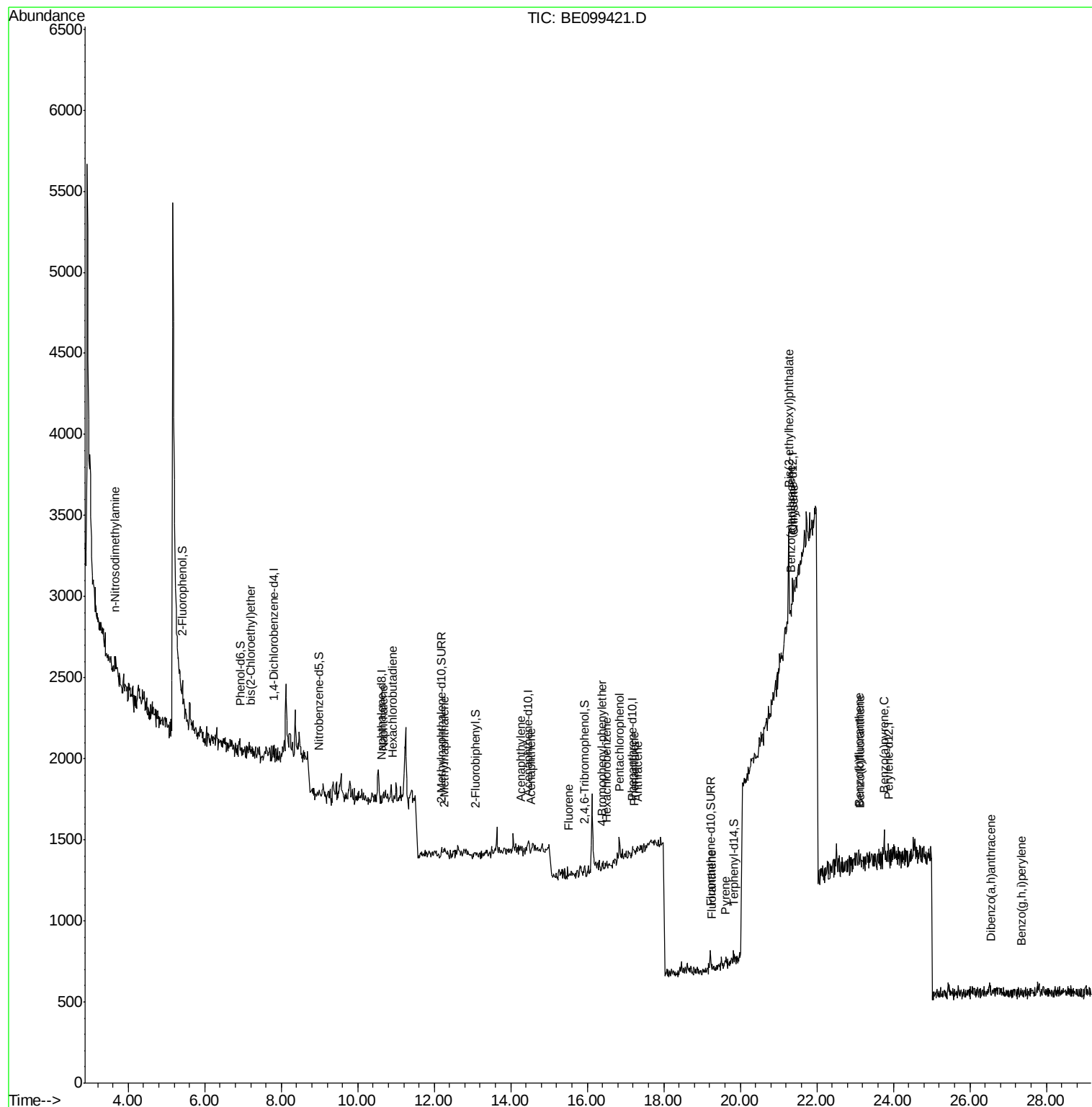
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.65	42	70	5.628	ng	# 1
6) bis(2-Chloroethyl)ether	7.20	93	23	0.483	ng	# 1
9) Naphthalene	10.67	128	51	0.151	ng	# 49
10) Hexachlorobutadiene	10.91	225	5	0.213	ng	# 1
12) 2-Methylnaphthalene	12.27	142	14	0.238	ng	# 56
16) Acenaphthylene	14.26	152	57	0.220	ng	# 69
17) Acenaphthene	14.53	154	8	0.054	ng	# 30
18) Fluorene	15.51	166	27	0.124	ng	# 8
20) 4-Bromophenyl-phenylether	16.37	248	2	0.042	ng	# 61
21) Hexachlorobenzene	16.49	284	2	0.044	ng	# 1
22) Pentachlorophenol	16.84	266	102	3.941	ng	# 72
23) Phenanthrene	17.23	178	42	0.198	ng	# 60
24) Anthracene	17.32	178	31	0.154	ng	# 1
26) Fluoranthene	19.25	202	31	0.098	ng	# 43
28) Pyrene	19.61	202	37	0.154	ng	# 72
30) Benzo(a)anthracene	21.33	228	33	0.113	ng	# 1
31) Chrysene	21.40	228	38	0.132	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.27	149	1290	3.049	ng	# 95
35) Benzo(b)fluoranthene	23.11	252	33	0.545	ng	# 1
36) Benzo(k)fluoranthene	23.14	252	15	0.257	ng	# 1
37) Benzo(a)pyrene	23.75	252	21	0.367	ng	# 1
38) Dibenzo(a,h)anthracene	26.54	278	3	0.051	ng	# 1
39) Benzo(g,h,i)perylene	27.33	276	12	0.205	ng	# 1

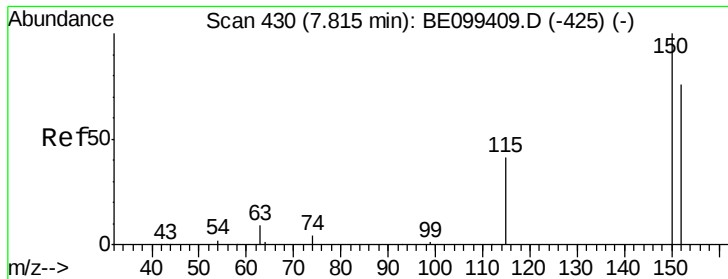
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE043019\
Data File : BE099421.D
Acq On : 30 Apr 2019 11:55
Operator : JU/SJ
Sample : PB119270BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB119270BL

Quant Time: Apr 30 23:56:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration



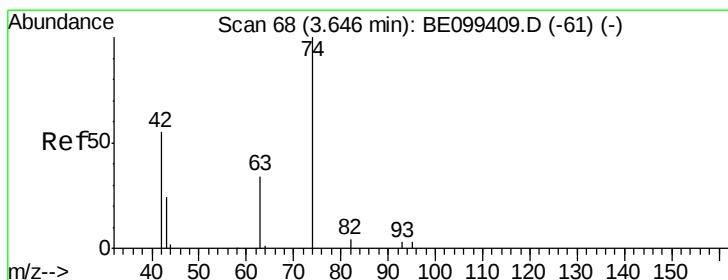
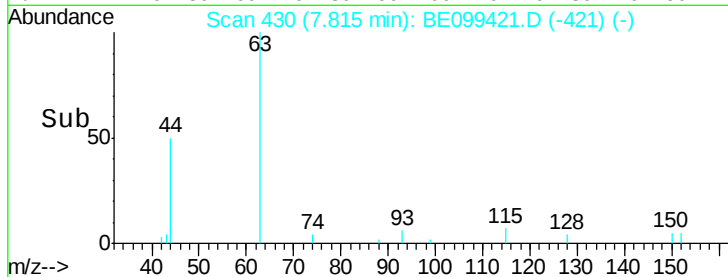
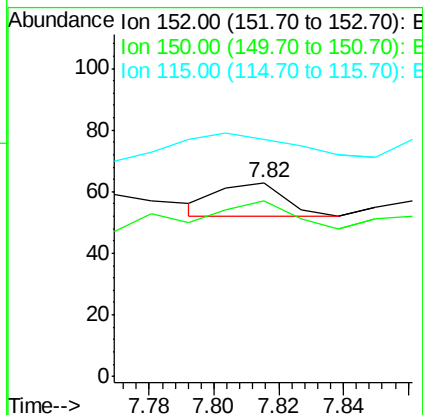
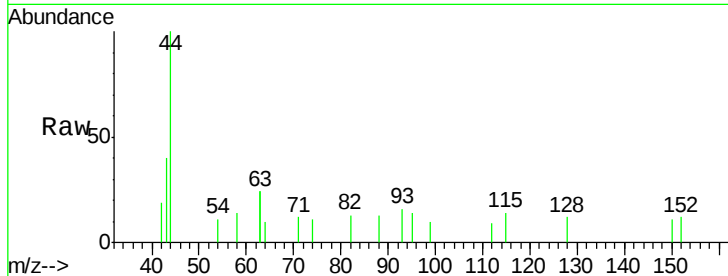


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099421.D
Acq: 30 Apr 2019 11:55

Instrument :
BNA_E
ClientSampleId :
PB119270BL

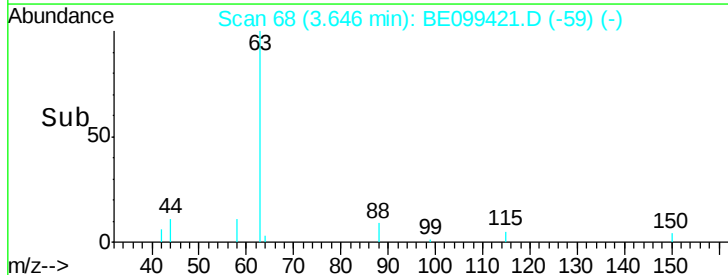
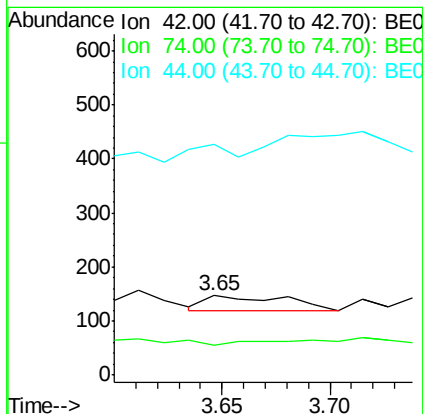
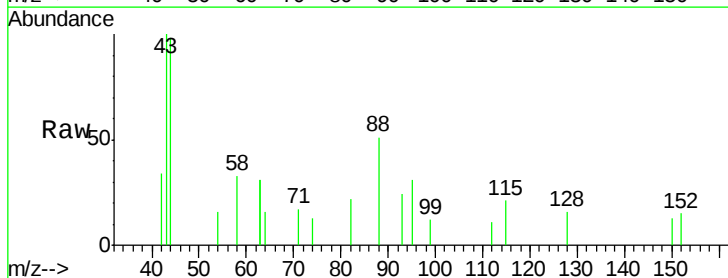
Tgt Ion: 152 Resp: 15
Ion Ratio Lower Upper
152 100
150 90.5 104.8 157.2#
115 122.2 46.6 69.8#

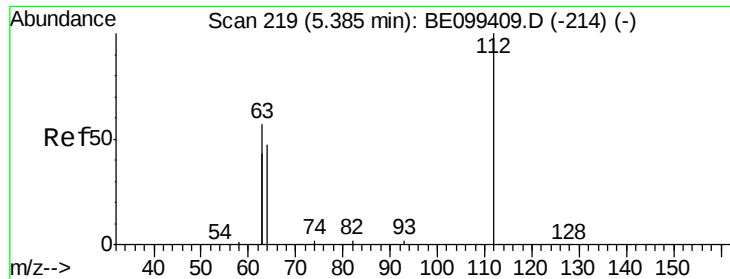


#3

n-Nitrosodimethylamine
Concen: 5.628 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.00 min
Lab File: BE099421.D
Acq: 30 Apr 2019 11:55

Tgt Ion: 42 Resp: 70
Ion Ratio Lower Upper
42 100
74 0.0 141.6 212.4#
44 65.7 0.0 0.0#





#4

2-Fluorophenol

Concen: 0.386 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.03 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

Instrument :

BNA_E

ClientSampleId :

PB119270BL

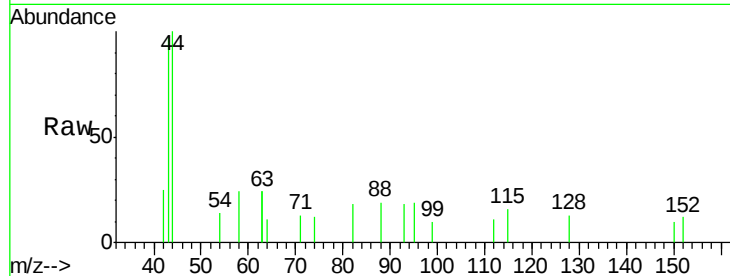
Tgt Ion: 112 Resp: 16

Ion Ratio Lower Upper

112 100

64 0.0 47.4 71.0#

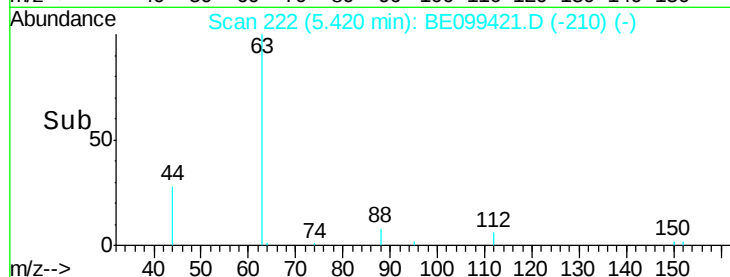
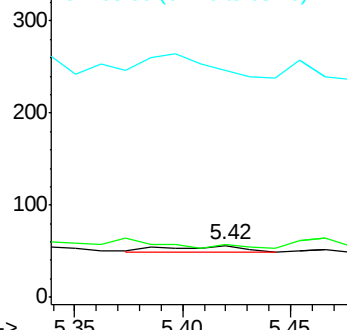
63 0.0 104.3 156.5#



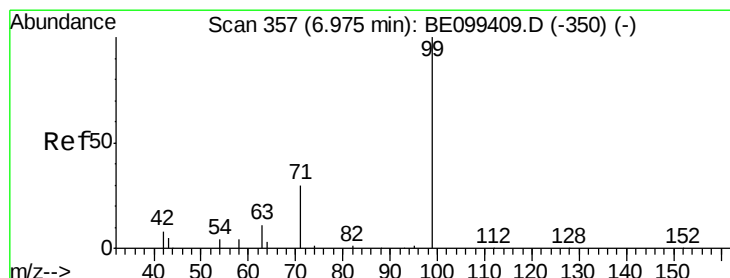
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->



#5

Phenol-d6

Concen: 0.508 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.03 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

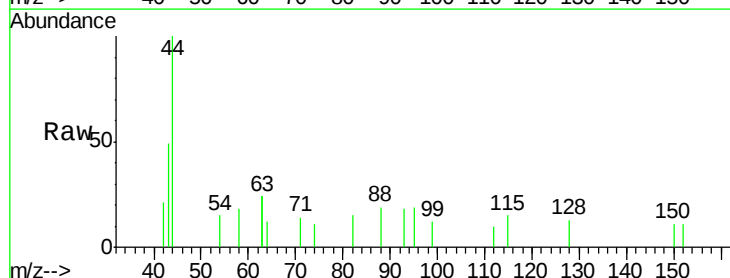
Tgt Ion: 99 Resp: 28

Ion Ratio Lower Upper

99 100

42 139.3 14.9 22.3#

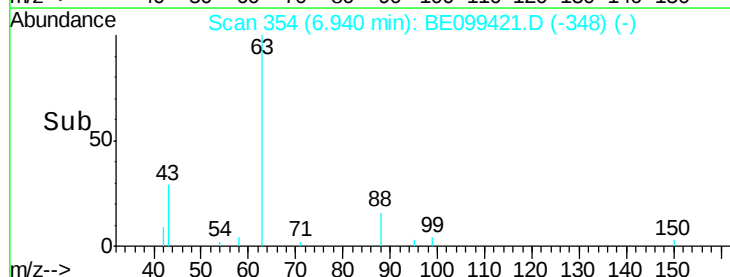
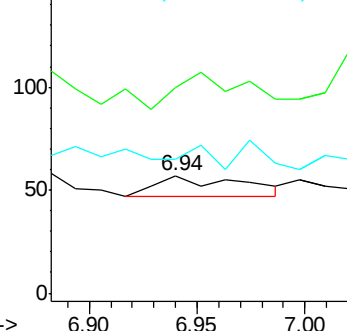
71 28.6 33.0 49.6#



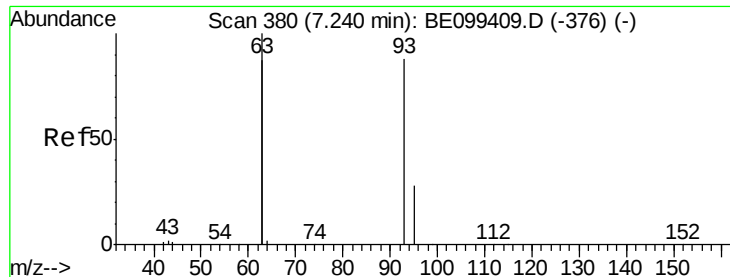
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.483 ng

RT: 7.20 min Scan# 377

Delta R.T. -0.03 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

Instrument :

BNA_E

ClientSampleId :

PB119270BL

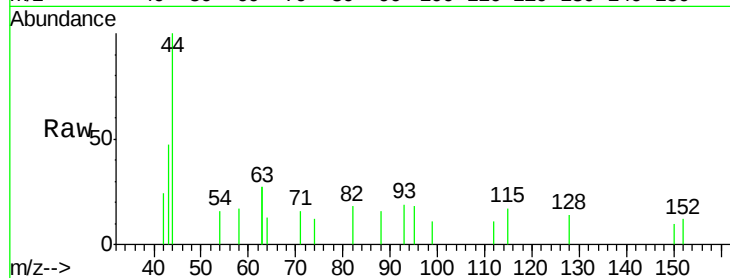
Tgt Ion: 93 Resp: 23

Ion Ratio Lower Upper

93 100

63 0.0 215.6 323.4#

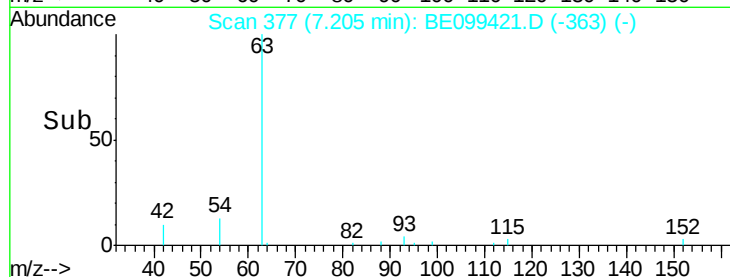
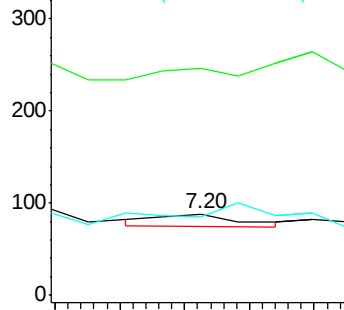
95 287.0 26.2 39.2#



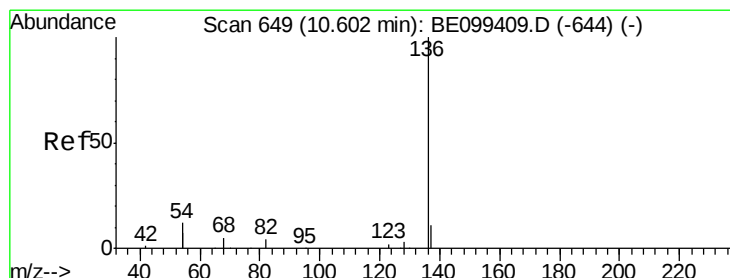
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.62 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

Tgt Ion: 136 Resp: 31

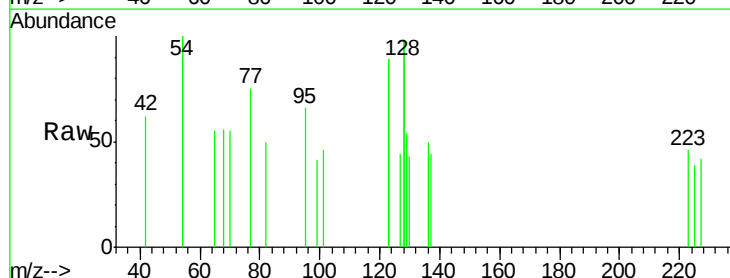
Ion Ratio Lower Upper

136 100

137 88.1 9.8 14.8#

54 403.4 18.5 27.7#

68 113.6 4.7 7.1#

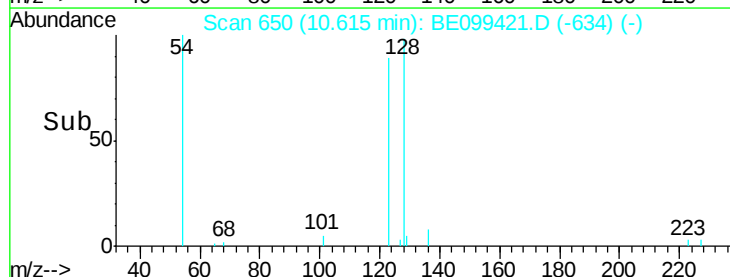
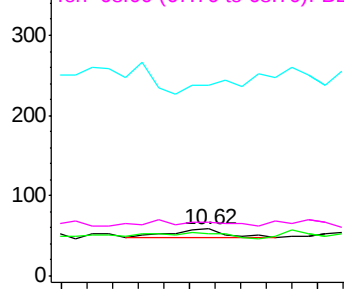


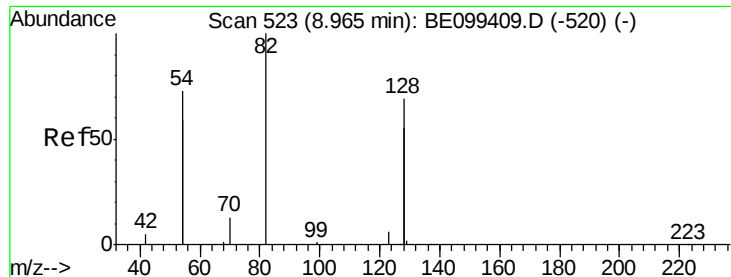
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.447 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

Instrument :

BNA_E

ClientSampleId :

PB119270BL

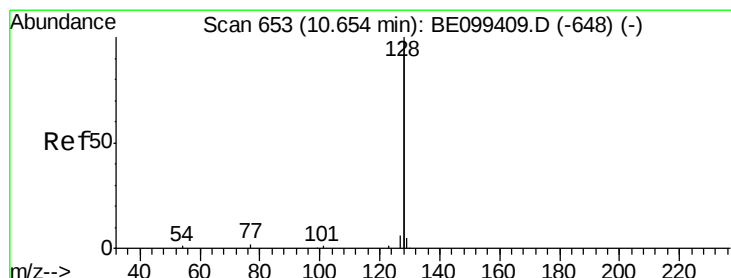
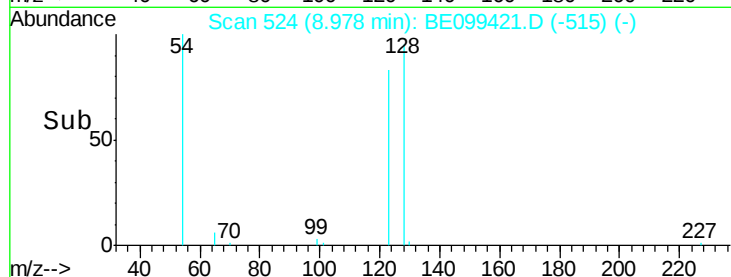
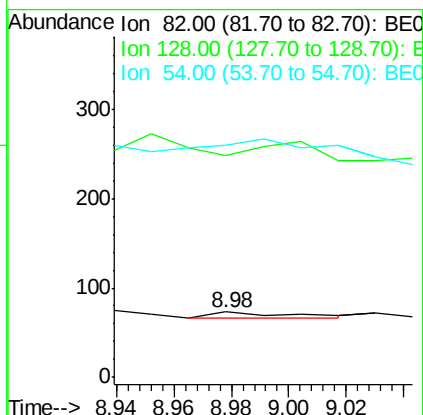
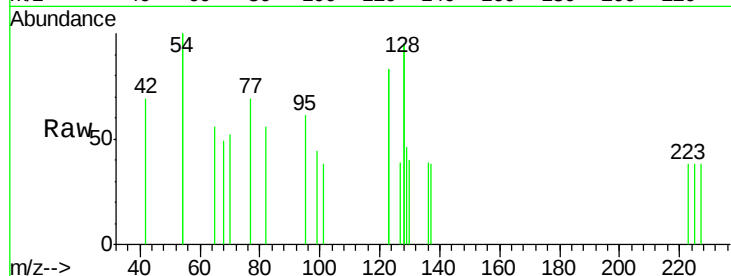
Tgt Ion: 82 Resp: 13

Ion Ratio Lower Upper

82 100

128 339.7 107.0 160.4#

54 356.2 113.1 169.7#



#9

Naphthalene

Concen: 0.151 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.01 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

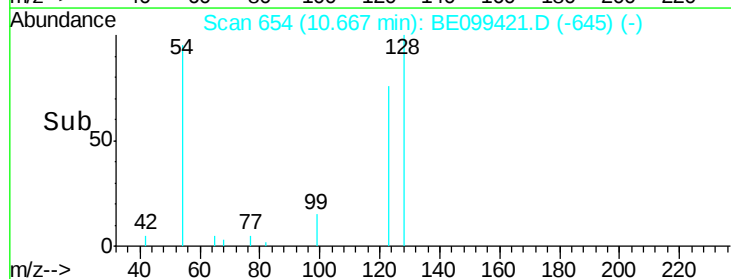
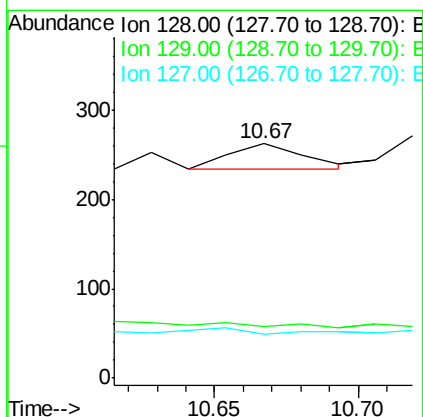
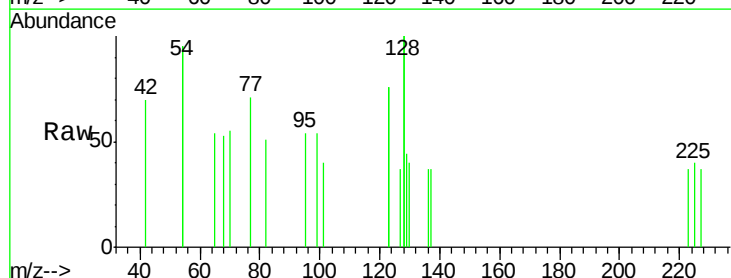
Tgt Ion: 128 Resp: 51

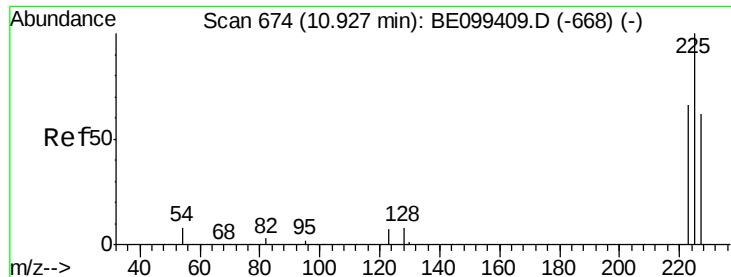
Ion Ratio Lower Upper

128 100

129 22.1 2.4 3.6#

127 18.7 2.8 4.2#

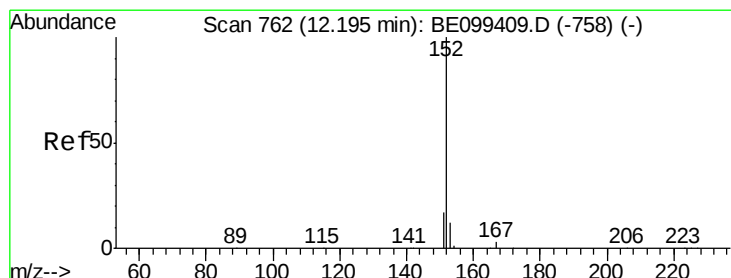
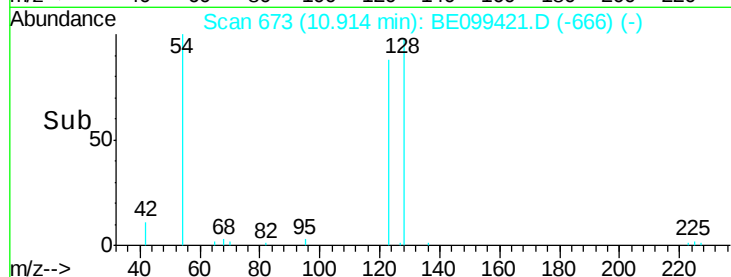
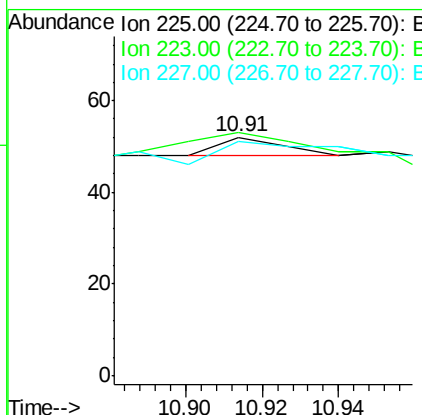
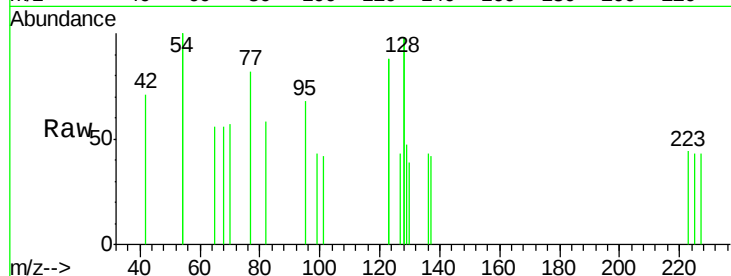




#10
Hexachlorobutadiene
Concen: 0.213 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.01 min
Lab File: BE099421.D
Acq: 30 Apr 2019 11:55

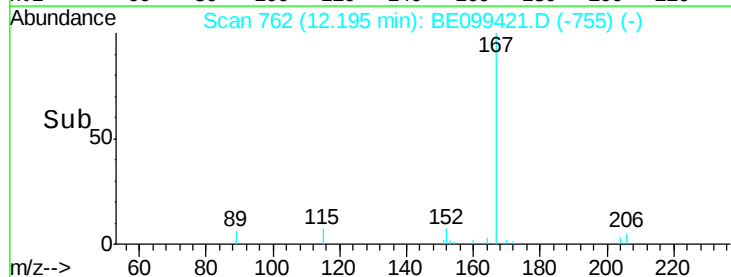
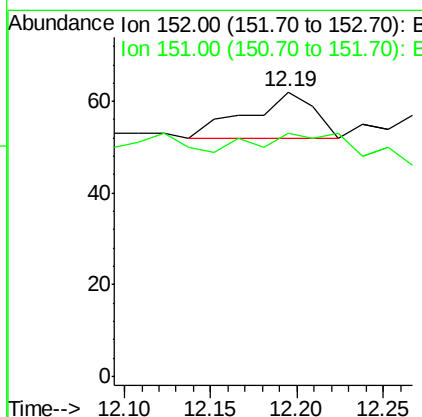
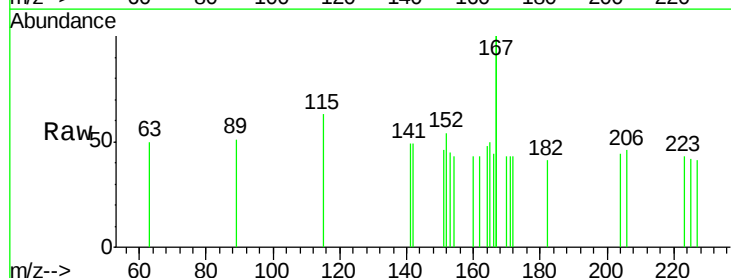
Instrument :
BNA_E
ClientSampleId :
PB119270BL

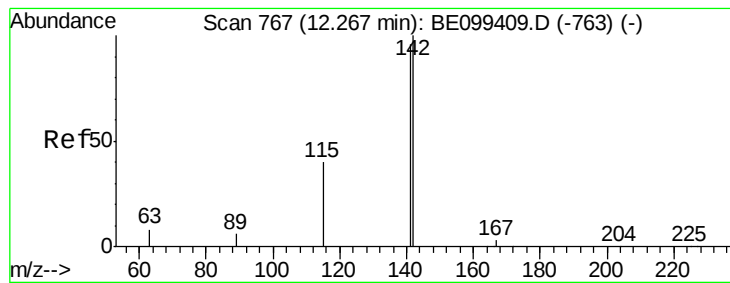
Tgt Ion: 225 Resp: 5
Ion Ratio Lower Upper
225 100
223 360.0 51.0 76.6#
227 260.0 50.9 76.3#



#11
2-Methylnaphthalene-d10
Concen: 0.483 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099421.D
Acq: 30 Apr 2019 11:55

Tgt Ion: 152 Resp: 27
Ion Ratio Lower Upper
152 100
151 114.8 15.5 23.3#





#12

2-Methylnaphthalene

Concen: 0.238 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

Instrument :

BNA_E

ClientSampleId :

PB119270BL

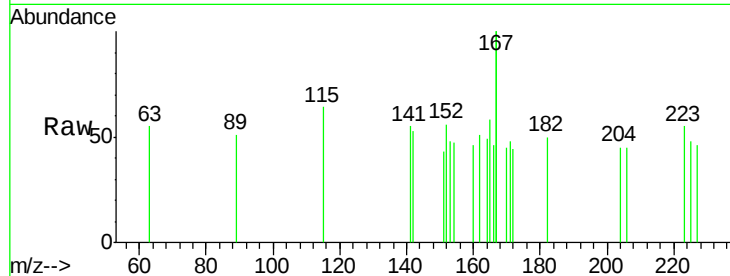
Tgt Ion:142 Resp: 14

Ion Ratio Lower Upper

142 100

141 103.6 77.0 115.4

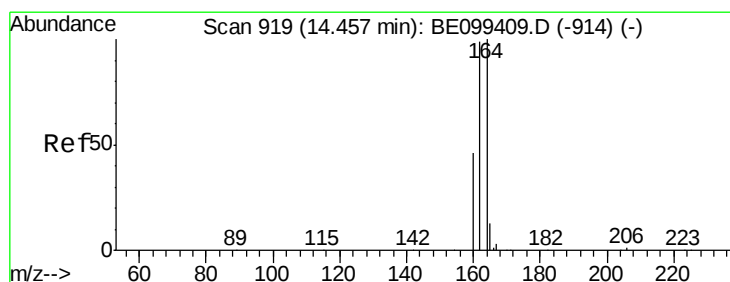
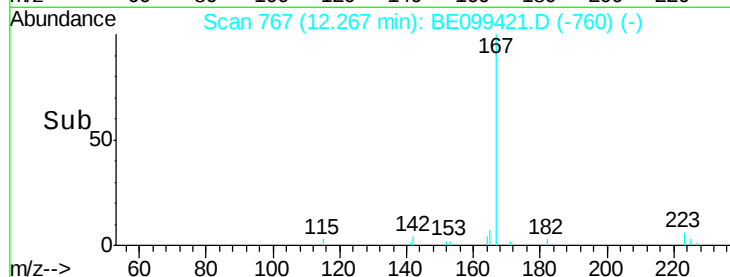
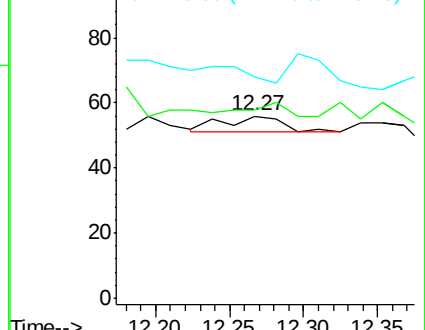
115 121.4 33.4 50.0#



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: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

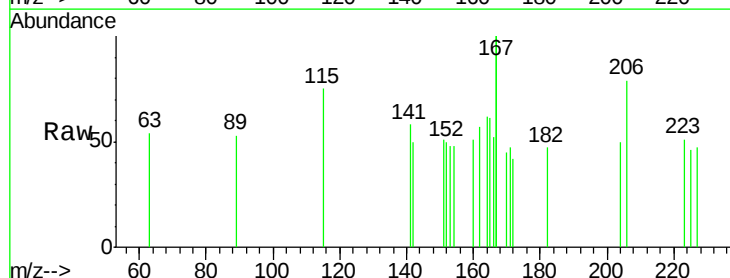
Tgt Ion:164 Resp: 53

Ion Ratio Lower Upper

164 100

162 92.3 79.0 118.4

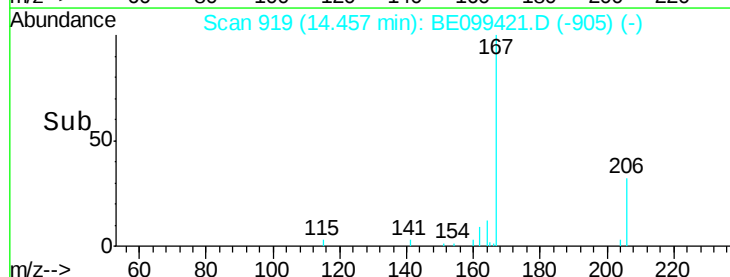
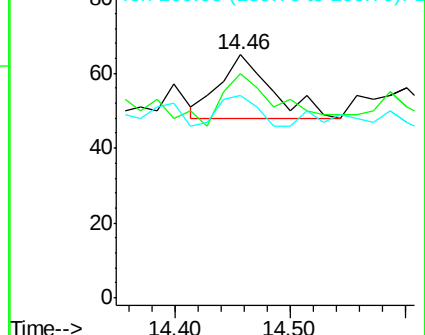
160 83.1 37.0 55.4#

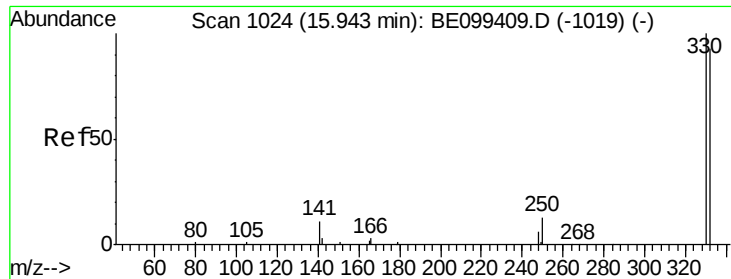


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.329 ng

RT: 15.92 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

Instrument :

BNA_E

ClientSampled :

PB119270BL

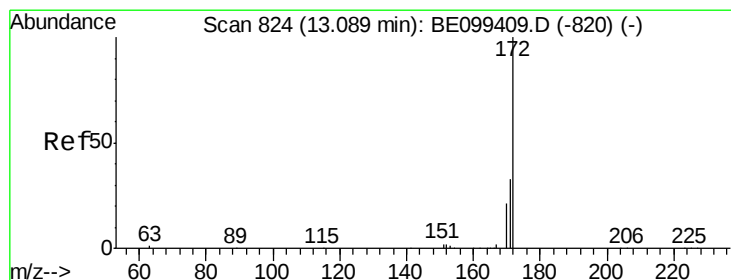
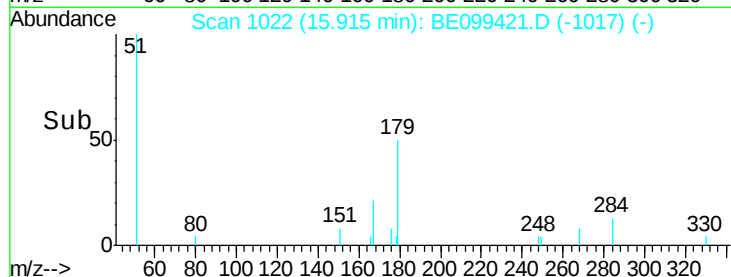
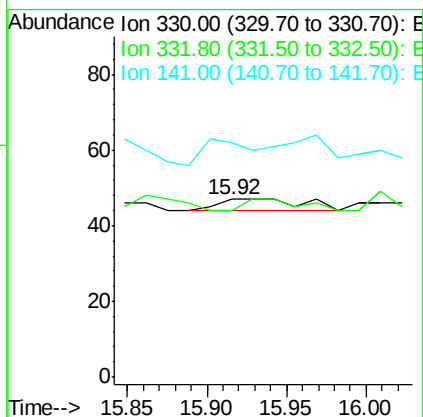
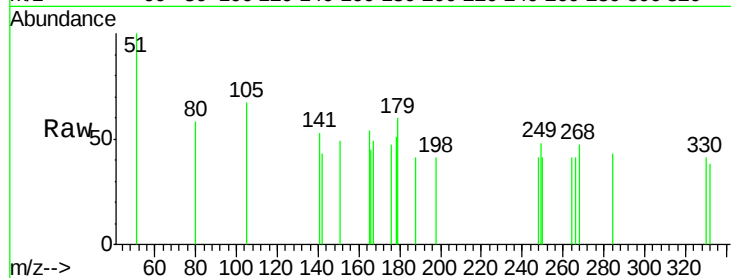
Tgt Ion:330 Resp: 11

Ion Ratio Lower Upper

330 100

332 63.6 71.5 107.3#

141 0.0 24.0 36.0#



#15

2-Fluorobiphenyl

Concen: 0.148 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

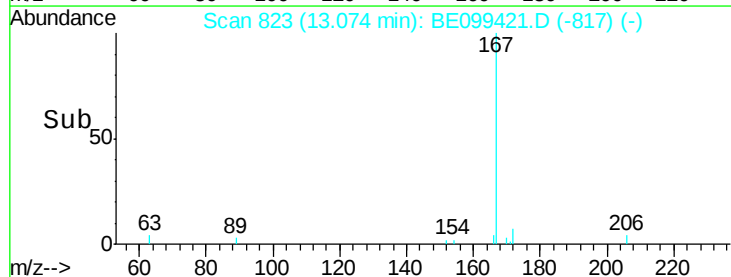
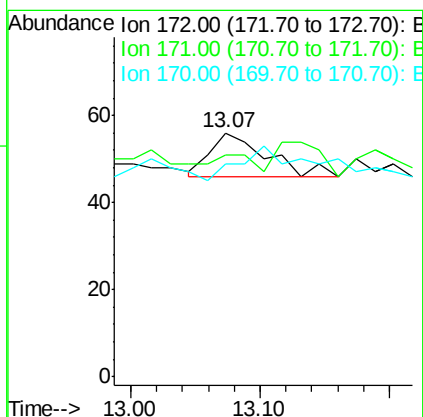
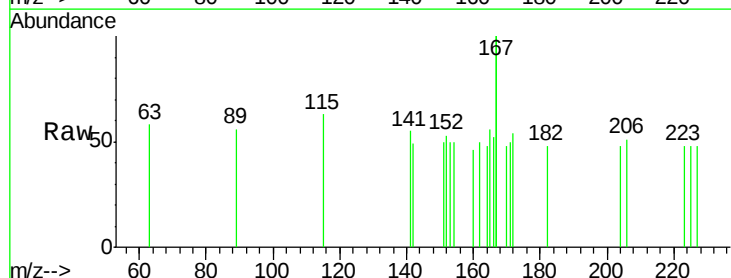
Tgt Ion:172 Resp: 30

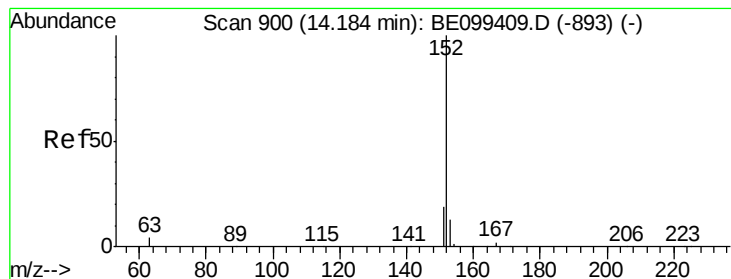
Ion Ratio Lower Upper

172 100

171 91.1 26.6 39.8#

170 87.5 17.0 25.6#





#16

Acenaphthylene

Concen: 0.220 ng

RT: 14.26 min Scan# 905

Delta R.T. 0.07 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

Instrument :

BNA_E

ClientSampleId :

PB119270BL

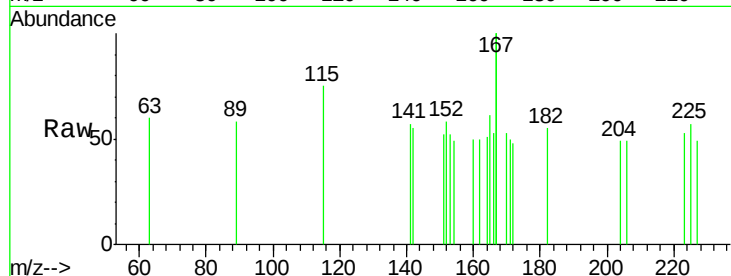
Tgt Ion:152 Resp: 57

Ion Ratio Lower Upper

152 100

151 0.0 15.4 23.2#

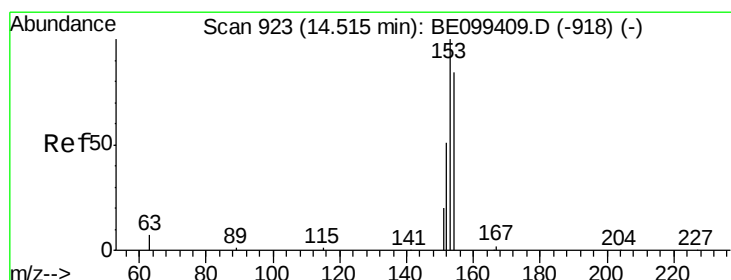
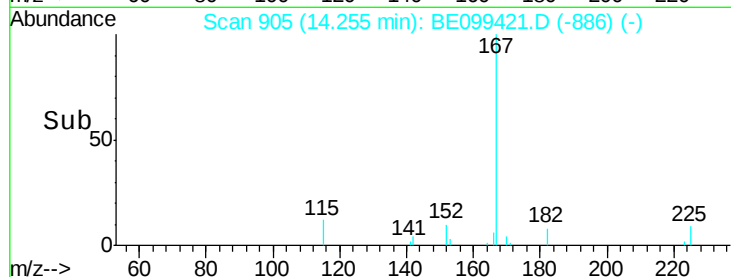
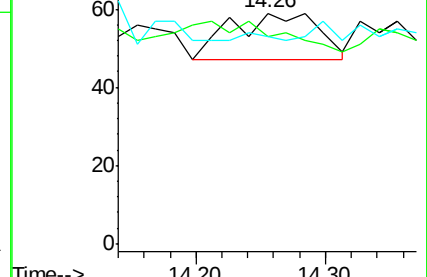
153 7.0 9.8 14.6#



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: 0.054 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.01 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

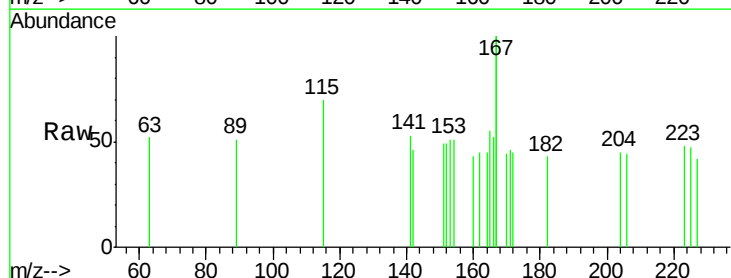
Tgt Ion:154 Resp: 8

Ion Ratio Lower Upper

154 100

153 187.5 92.6 138.8#

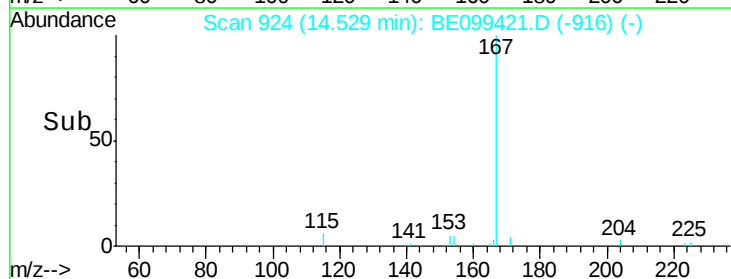
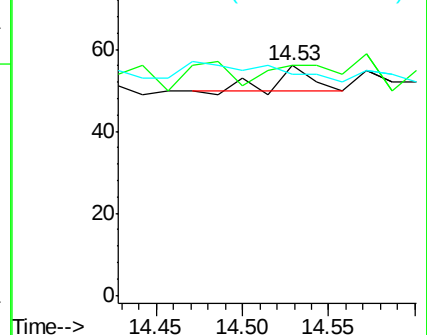
152 0.0 45.8 68.8#

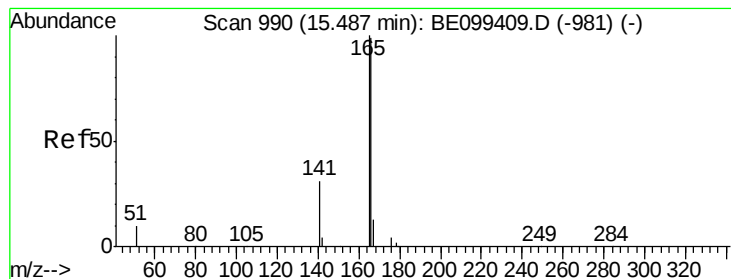


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.124 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.03 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

Instrument :

BNA_E

ClientSampleId :

PB119270BL

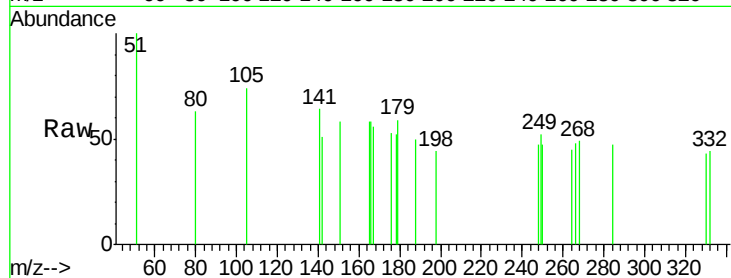
Tgt Ion:166 Resp: 27

Ion Ratio Lower Upper

166 100

165 0.0 80.3 120.5#

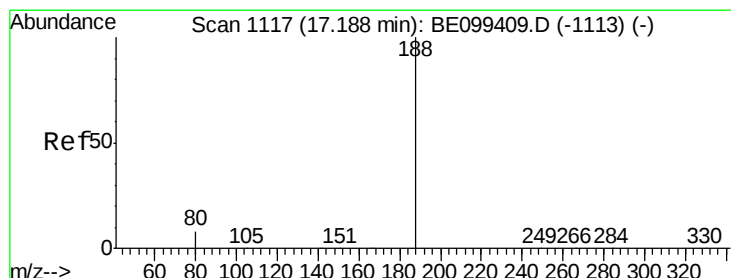
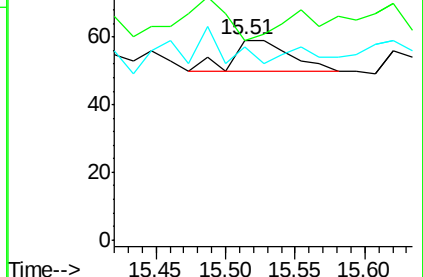
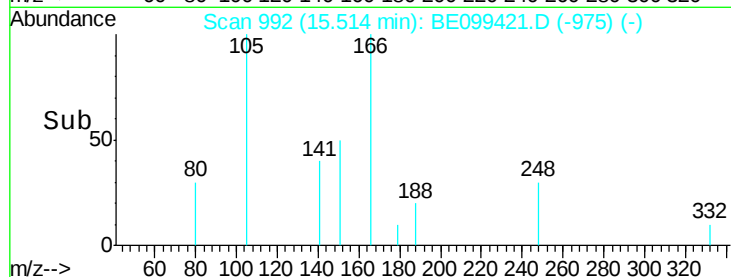
167 0.0 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

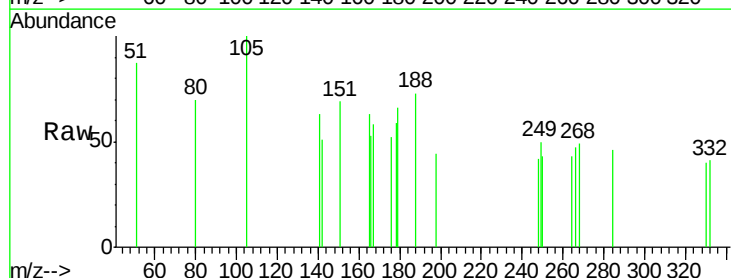
Tgt Ion:188 Resp: 82

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

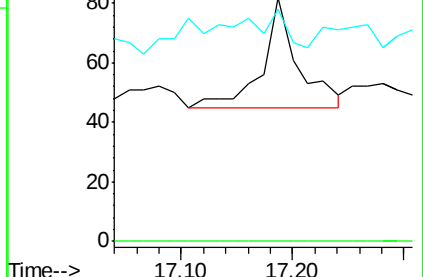
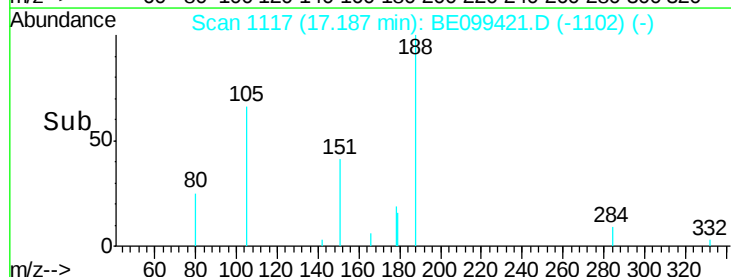
80 95.1 6.7 10.1#

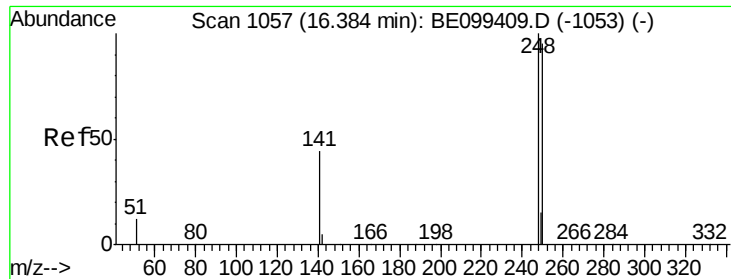


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

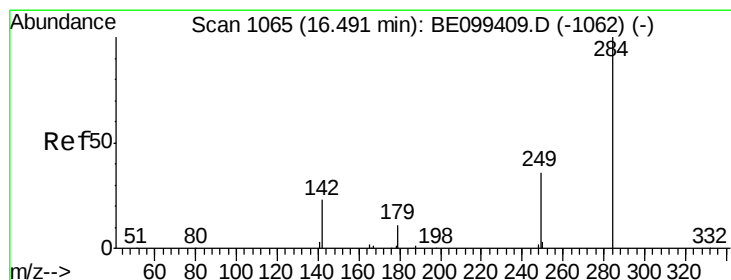
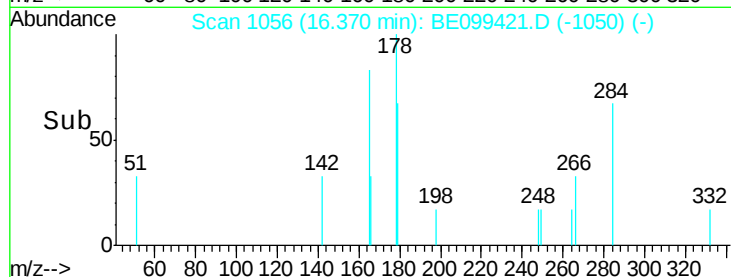
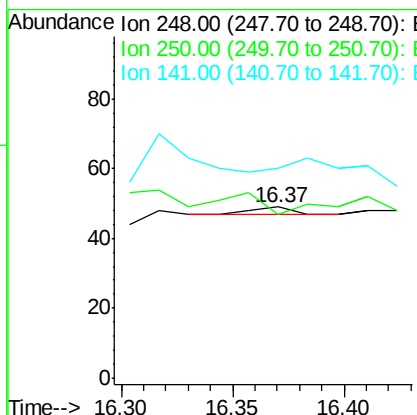
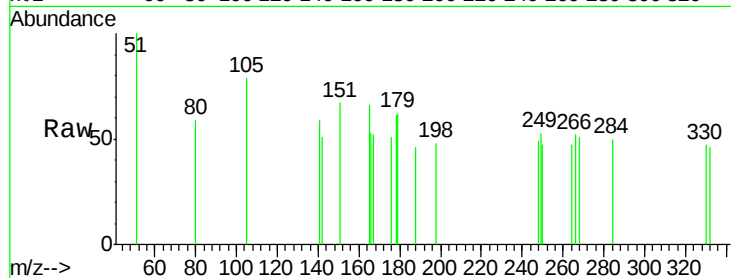




#20
4-Bromophenyl-phenylether
Concen: 0.042 ng
RT: 16.37 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BE099421.D
Acq: 30 Apr 2019 11:55

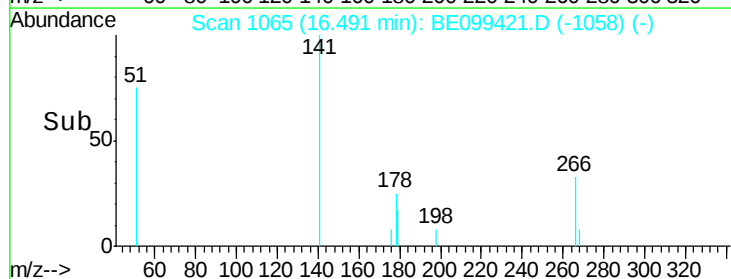
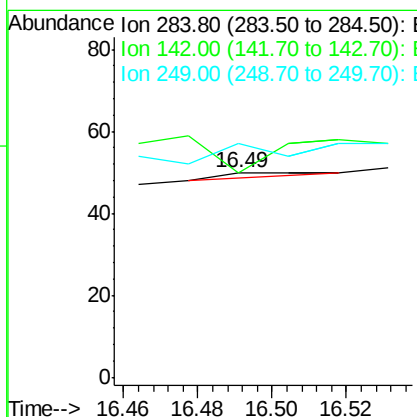
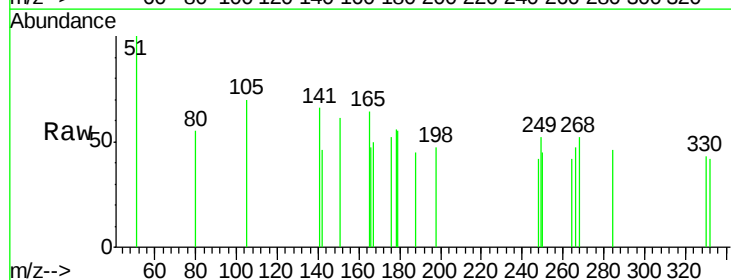
Instrument :
BNA_E
ClientSampleId :
PB119270BL

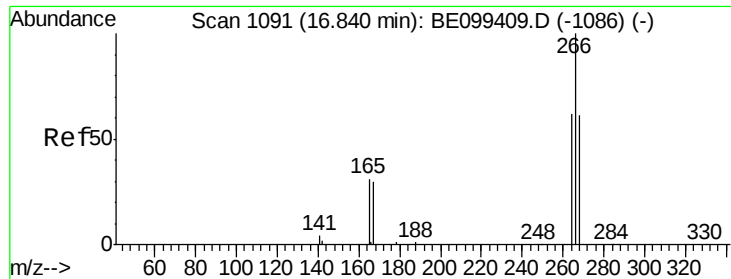
Tgt Ion: 248 Resp: 2
Ion Ratio Lower Upper
248 100
250 95.9 75.8 113.8
141 122.4 35.7 53.5#



#21
Hexachlorobenzene
Concen: 0.044 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099421.D
Acq: 30 Apr 2019 11:55

Tgt Ion: 284 Resp: 2
Ion Ratio Lower Upper
284 100
142 900.0 21.0 31.6#
249 0.0 26.7 40.1#





#22

Pentachlorophenol

Concen: 3.941 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

Instrument :

BNA_E

ClientSampleId :

PB119270BL

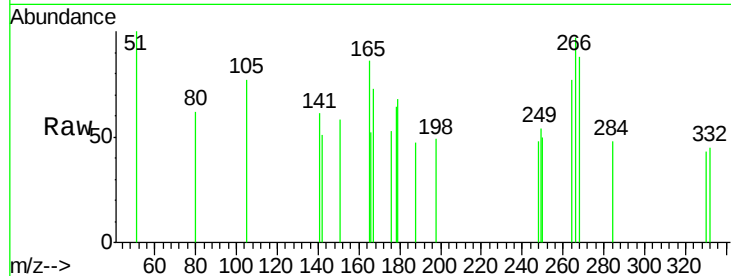
Tgt Ion:266 Resp: 102

Ion Ratio Lower Upper

266 100

264 79.4 50.8 76.2#

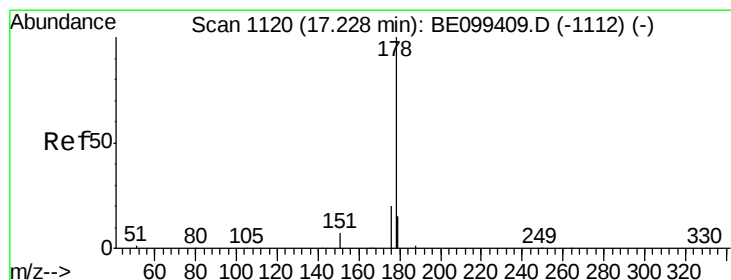
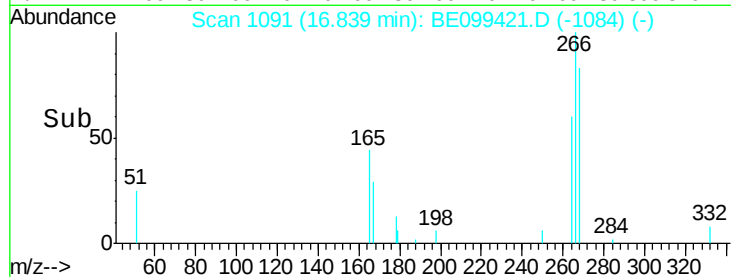
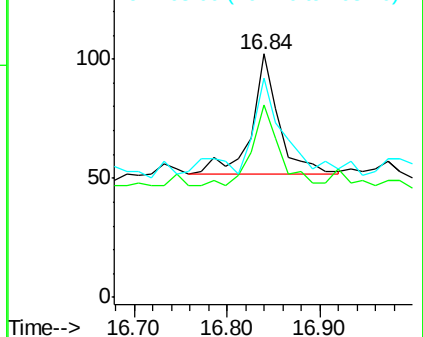
268 90.2 50.5 75.7#



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: 0.198 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

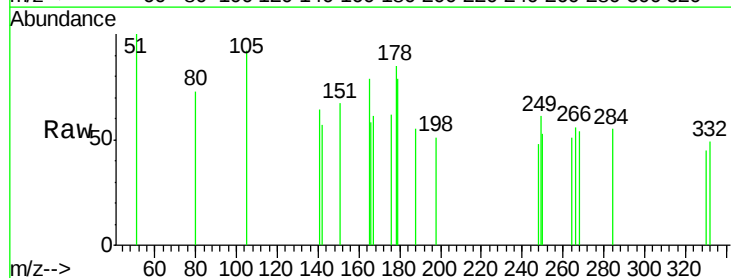
Tgt Ion:178 Resp: 42

Ion Ratio Lower Upper

178 100

176 0.0 15.6 23.4#

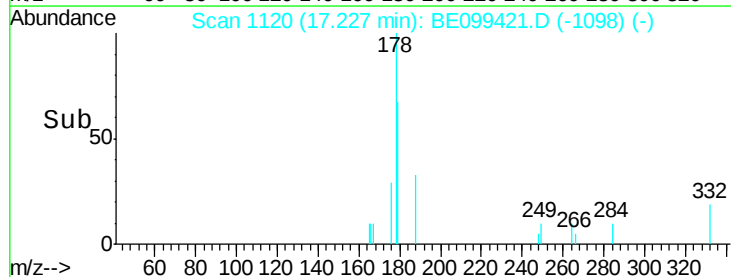
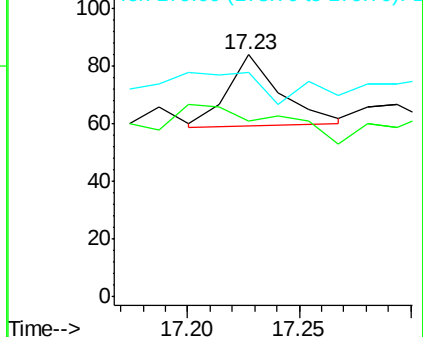
179 0.0 12.0 18.0#

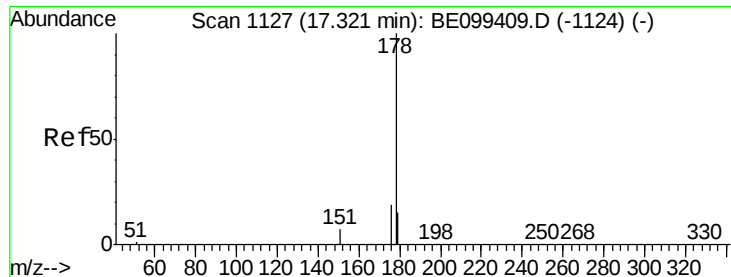


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.154 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

Instrument :

BNA_E

ClientSampleId :

PB119270BL

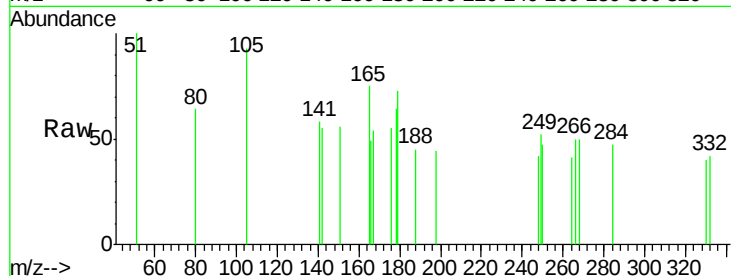
Tgt Ion:178 Resp: 31

Ion Ratio Lower Upper

178 100

176 119.4 14.9 22.3#

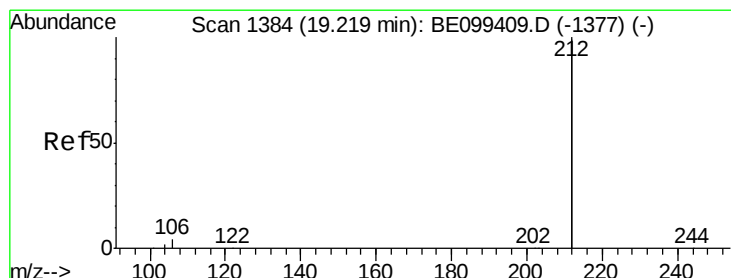
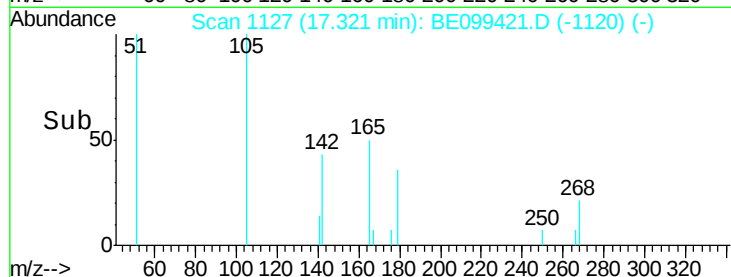
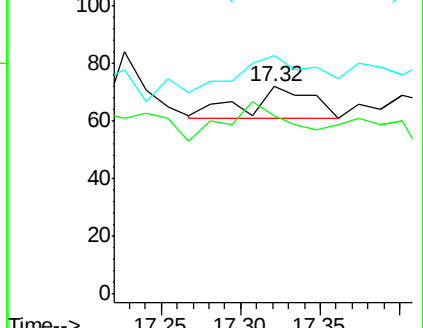
179 138.7 11.9 17.9#



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: 0.153 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

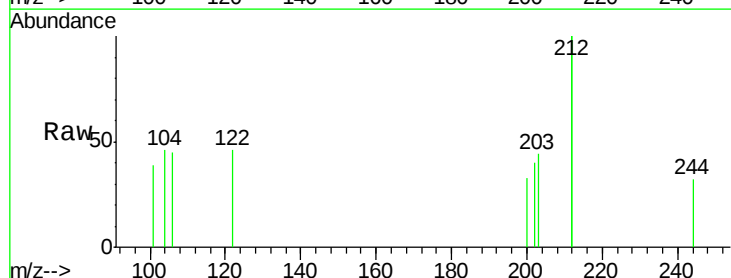
Tgt Ion:212 Resp: 169

Ion Ratio Lower Upper

212 100

106 8.3 1.5 2.3#

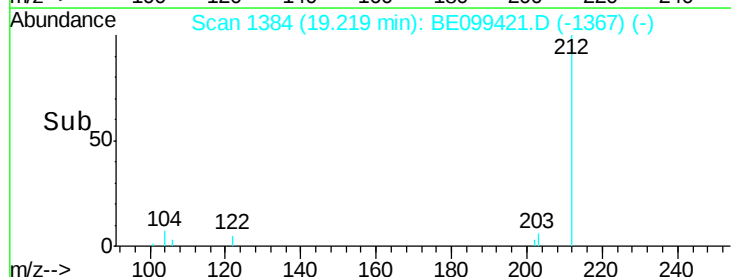
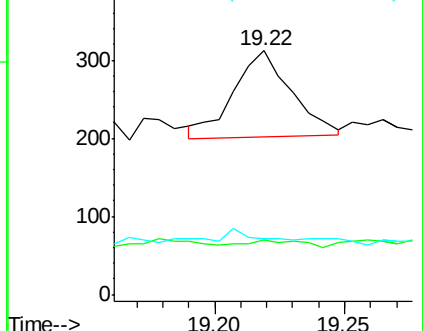
104 11.2 0.9 1.3#

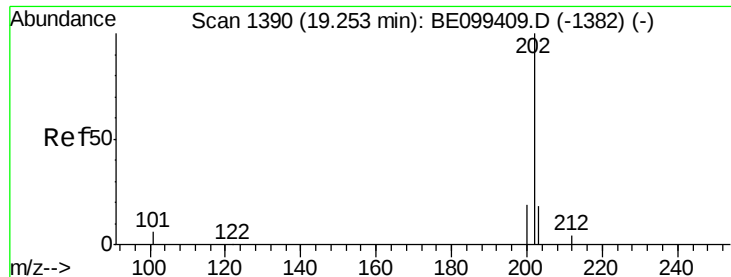


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.098 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

Instrument :

BNA_E

ClientSampleId :

PB119270BL

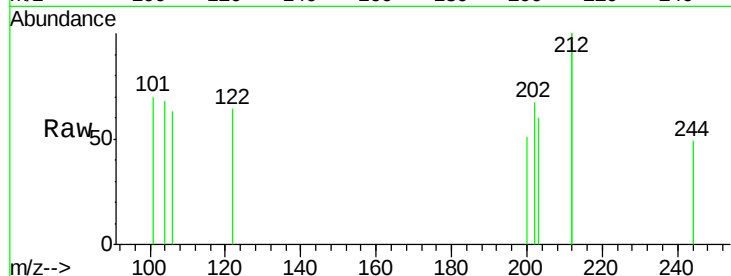
Tgt Ion: 202 Resp: 31

Ion Ratio Lower Upper

202 100

101 41.9 5.4 8.0#

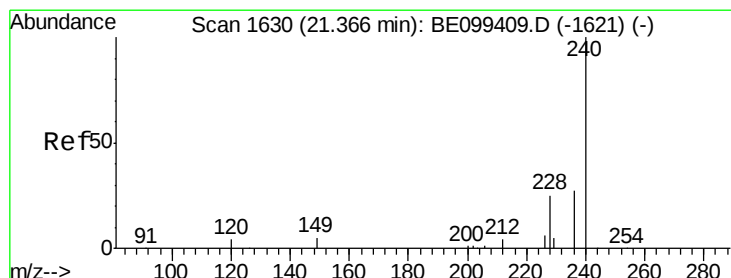
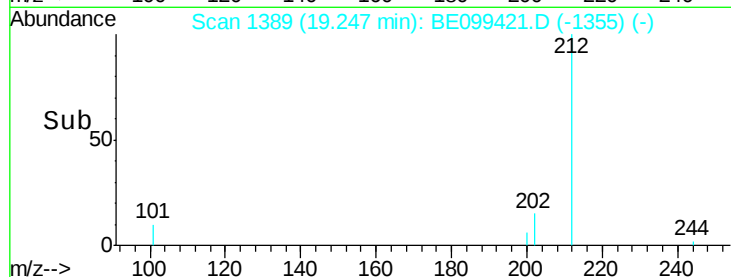
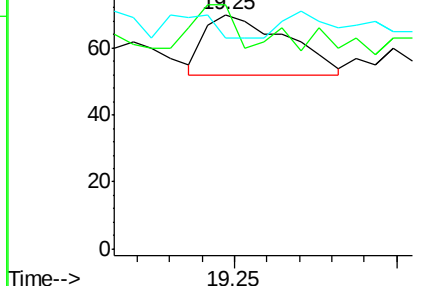
203 0.0 13.9 20.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

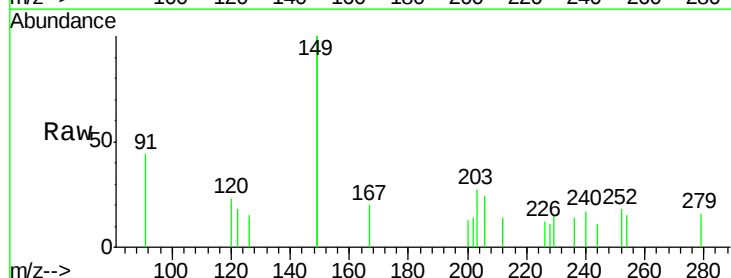
Tgt Ion: 240 Resp: 92

Ion Ratio Lower Upper

240 100

120 136.5 4.0 6.0#

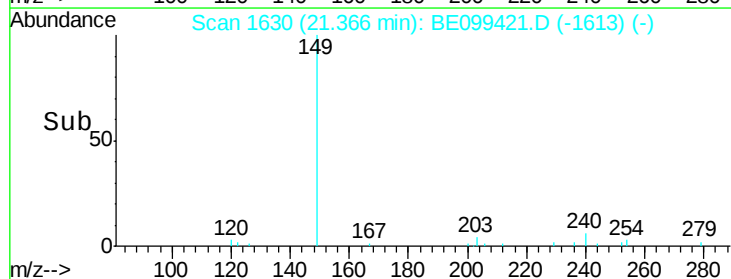
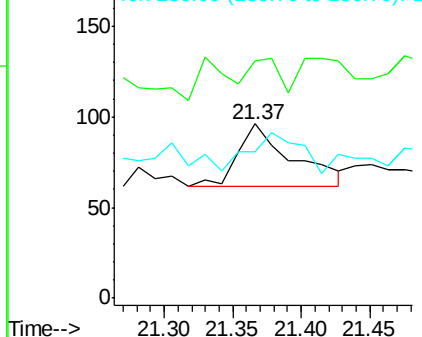
236 84.4 22.0 33.0#

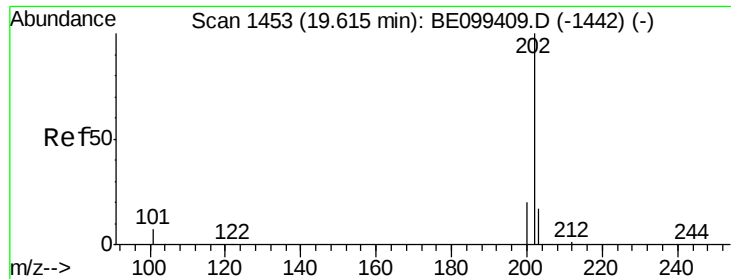


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

Concen: 0.154 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

Instrument :

BNA_E

ClientSampleId :

PB119270BL

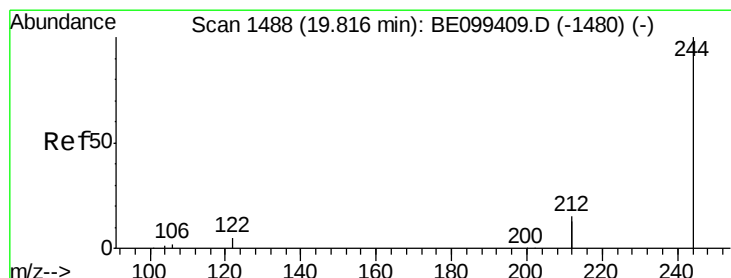
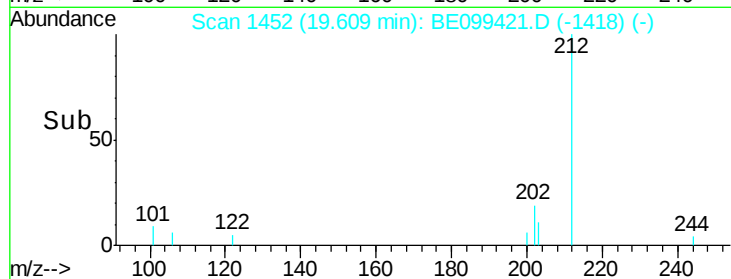
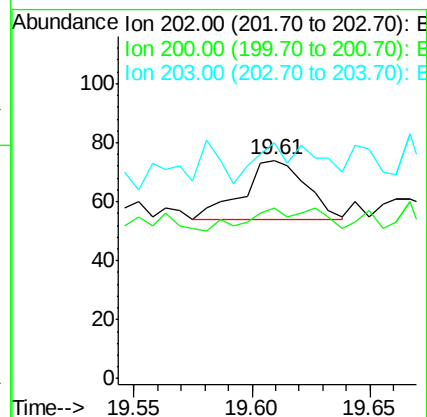
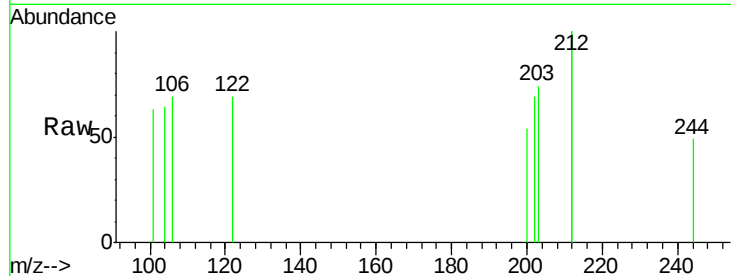
Tgt Ion:202 Resp: 37

Ion Ratio Lower Upper

202 100

200 27.0 15.7 23.5#

203 35.1 13.9 20.9#



#29

Terphenyl-d14

Concen: 0.315 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

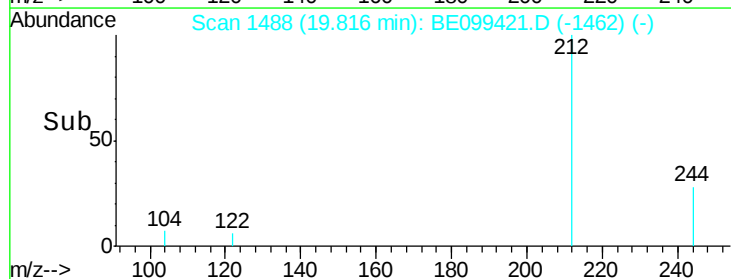
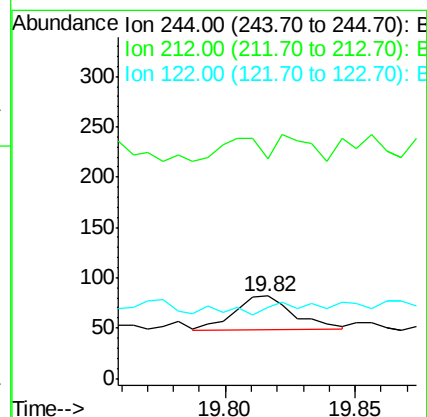
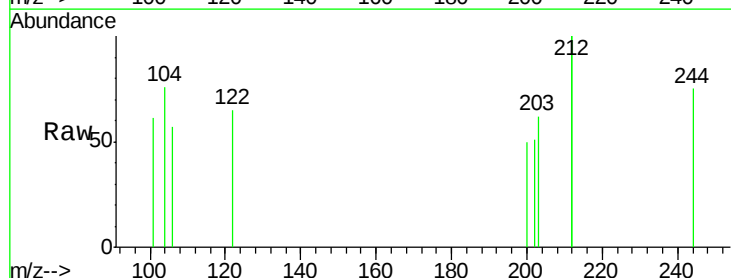
Tgt Ion:244 Resp: 53

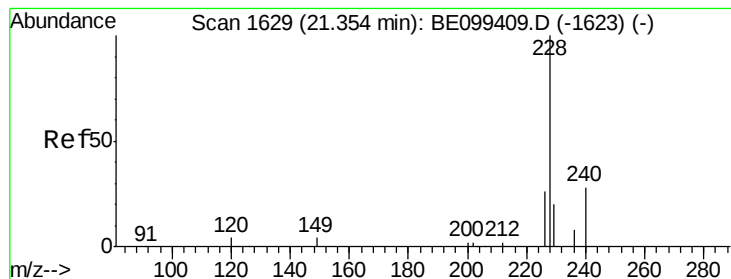
Ion Ratio Lower Upper

244 100

212 265.9 23.2 34.8#

122 86.6 4.2 6.4#





#30

Benzo(a)anthracene

Concen: 0.113 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.02 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

Instrument :

BNA_E

ClientSampleId :

PB119270BL

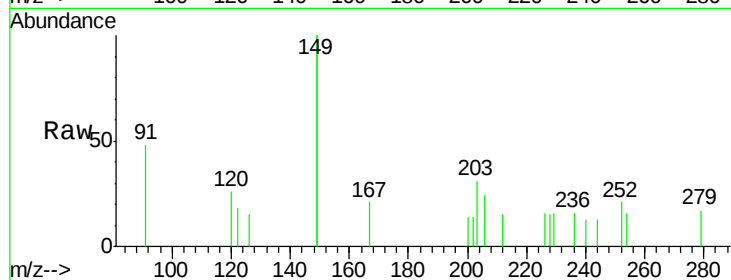
Tgt Ion:228 Resp: 33

Ion Ratio Lower Upper

228 100

226 107.9 21.0 31.6#

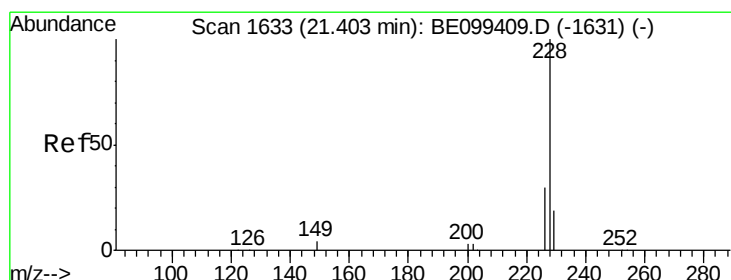
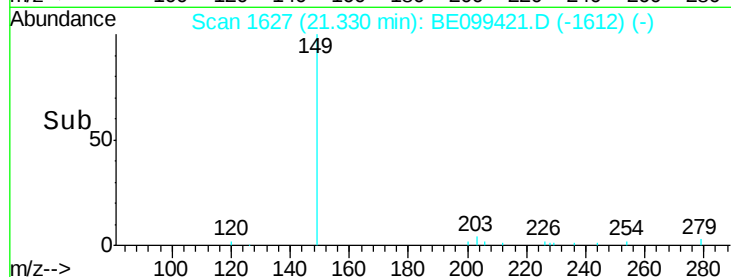
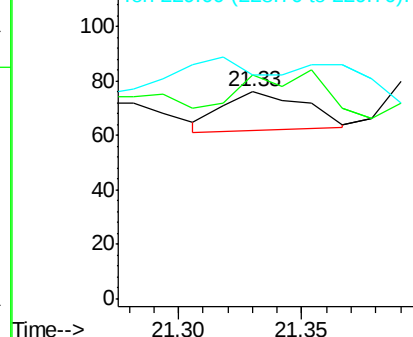
229 107.9 16.6 25.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.132 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

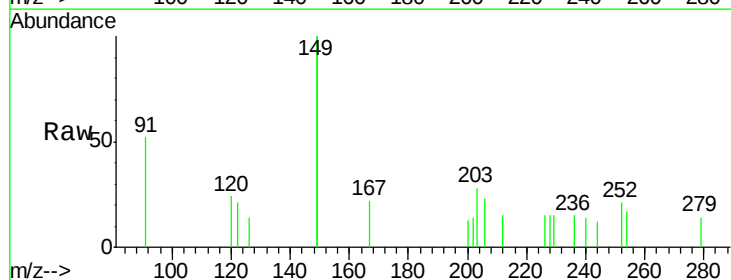
Tgt Ion:228 Resp: 38

Ion Ratio Lower Upper

228 100

226 94.1 24.0 36.0#

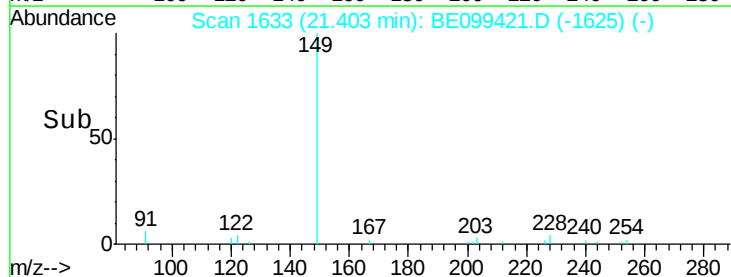
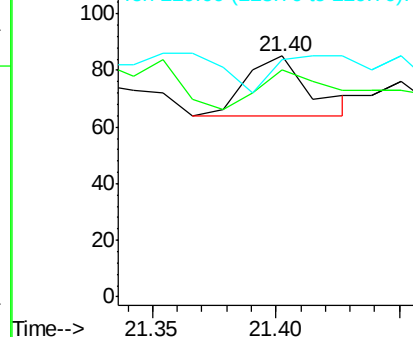
229 98.8 15.8 23.8#

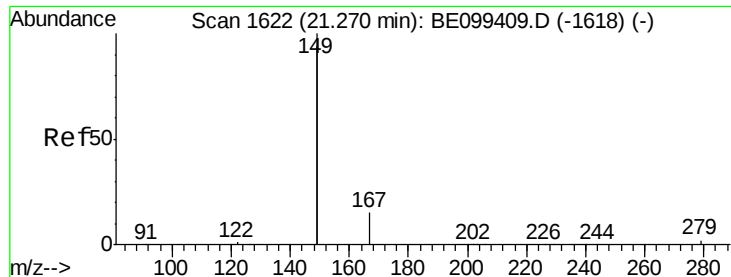


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

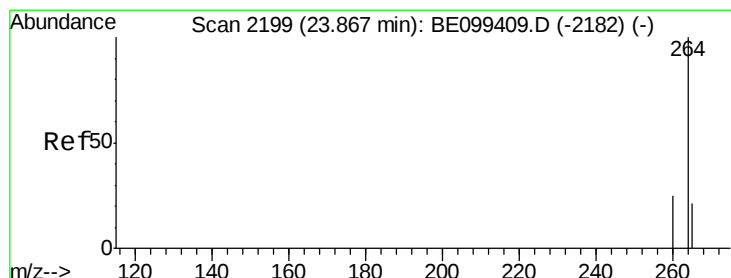
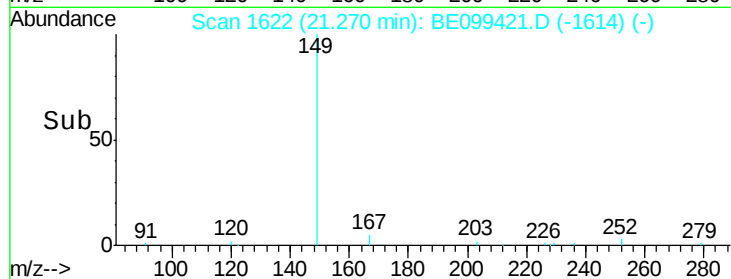
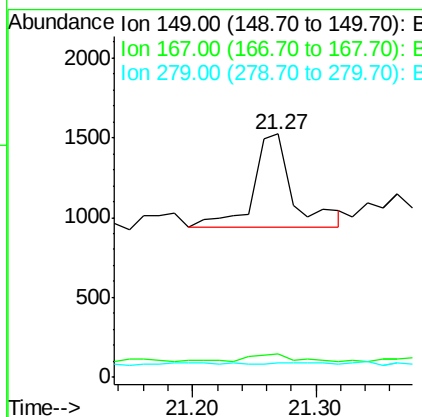
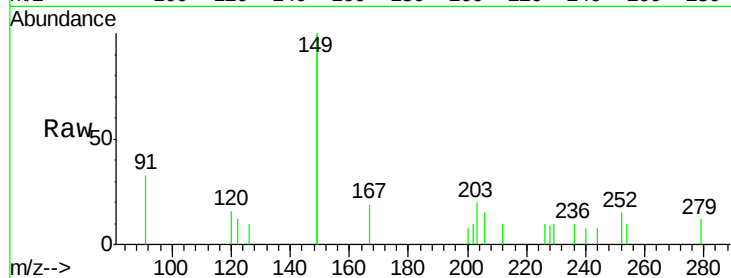




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 3.049 ng
 RT: 21.27 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BE099421.D
 Acq: 30 Apr 2019 11:55

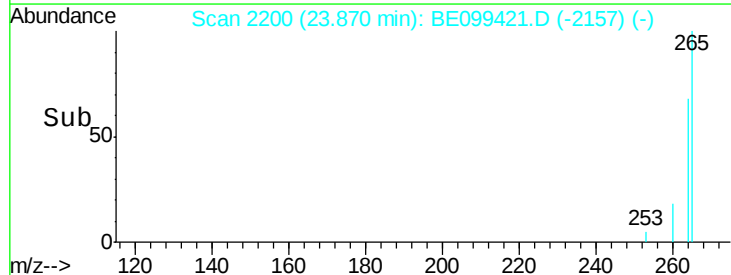
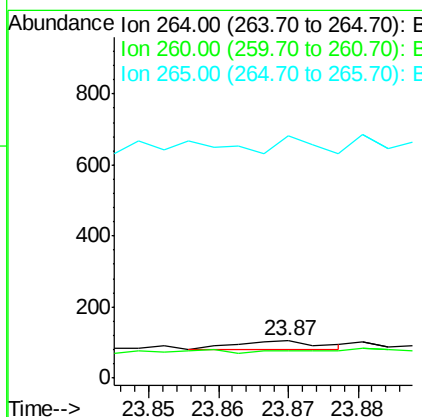
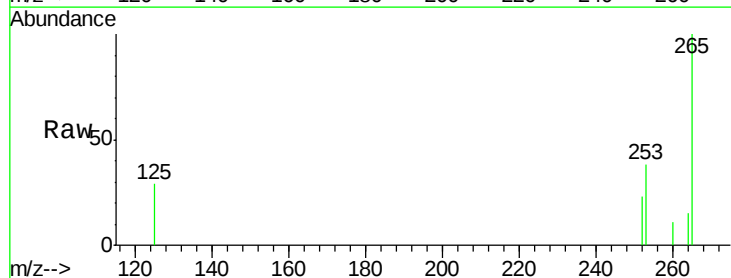
Instrument :
 BNA_E
 ClientSampleId :
 PB119270BL

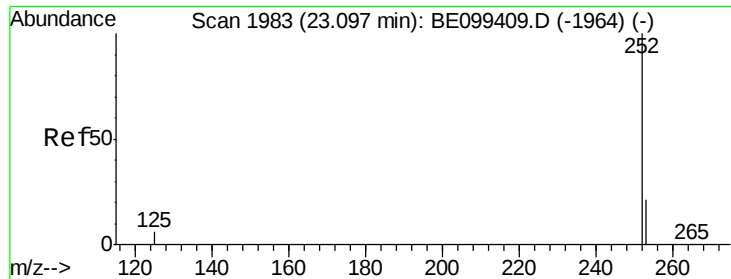
Tgt Ion:149 Resp: 1290
 Ion Ratio Lower Upper
 149 100
 167 8.8 5.8 8.6#
 279 0.0 1.0 1.6#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.87 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: BE099421.D
 Acq: 30 Apr 2019 11:55

Tgt Ion:264 Resp: 21
 Ion Ratio Lower Upper
 264 100
 260 74.3 20.2 30.2#
 265 648.6 21.3 31.9#





#35

Benzo(b)fluoranthene

Concen: 0.545 ng

RT: 23.11 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

Instrument :

BNA_E

ClientSampleId :

PB119270BL

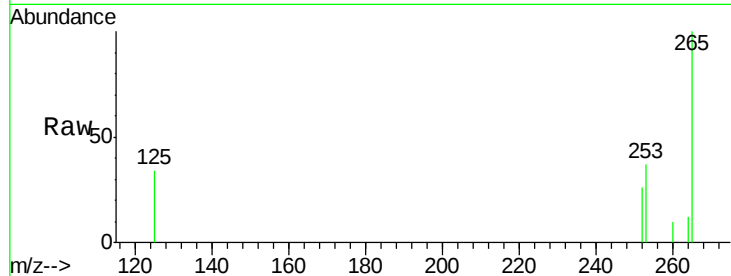
Tgt Ion: 252 Resp: 33

Ion Ratio Lower Upper

252 100

253 144.8 18.1 27.1#

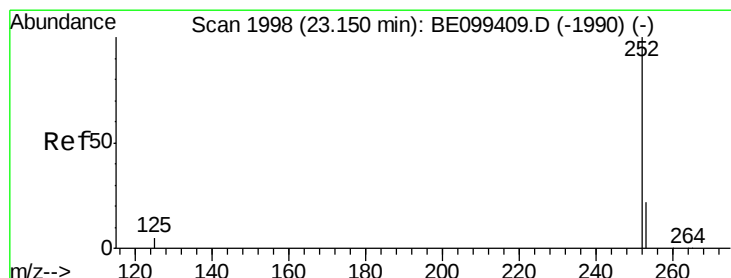
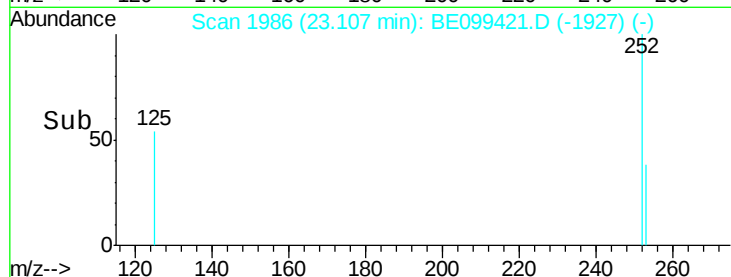
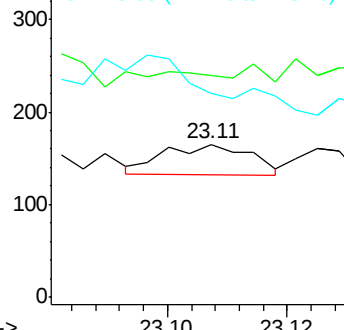
125 133.3 5.6 8.4#



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: 0.257 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

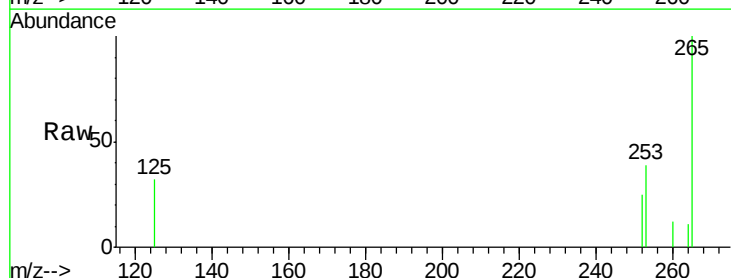
Tgt Ion: 252 Resp: 15

Ion Ratio Lower Upper

252 100

253 157.6 18.4 27.6#

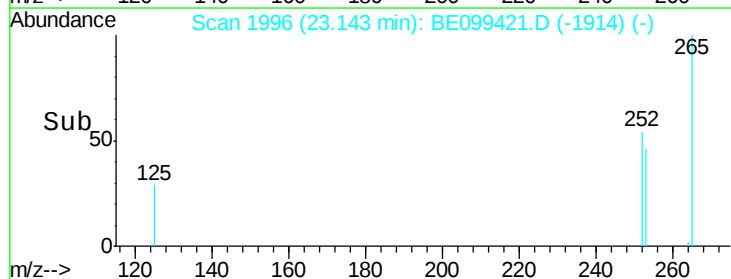
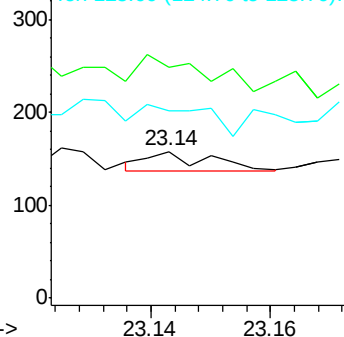
125 127.2 5.0 7.4#

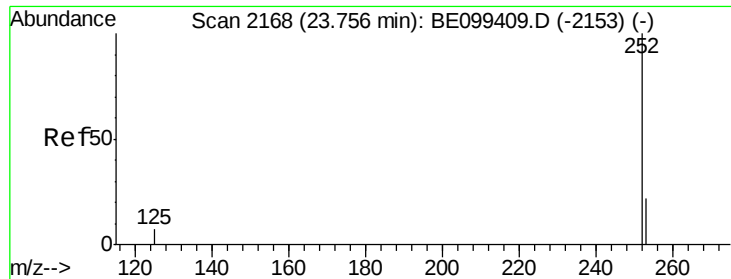


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.367 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

Instrument :

BNA_E

ClientSampleId :

PB119270BL

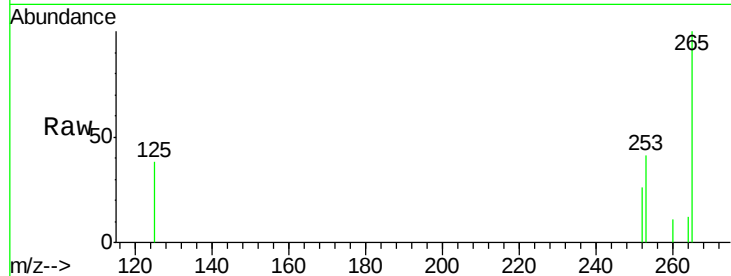
Tgt Ion: 252 Resp: 21

Ion Ratio Lower Upper

252 100

253 157.5 18.9 28.3#

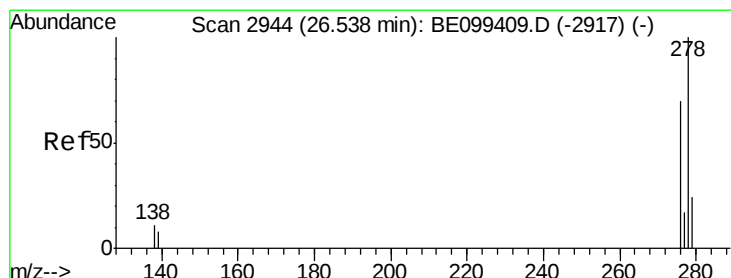
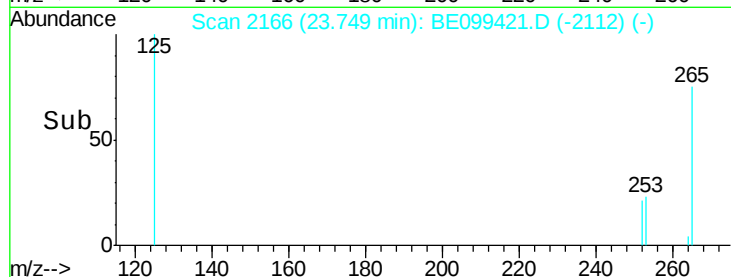
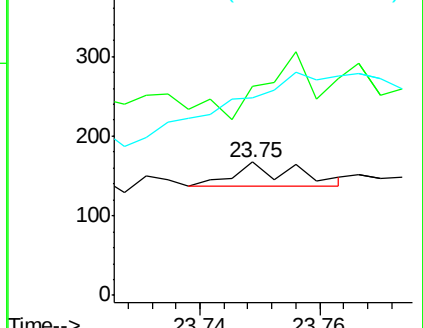
125 148.5 6.7 10.1#



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: 0.051 ng

RT: 26.54 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BE099421.D

Acq: 30 Apr 2019 11:55

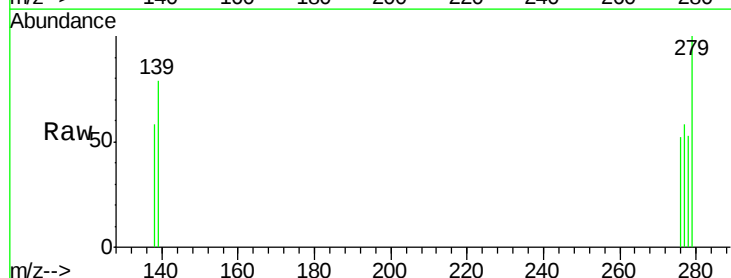
Tgt Ion: 278 Resp: 3

Ion Ratio Lower Upper

278 100

139 148.7 7.7 11.5#

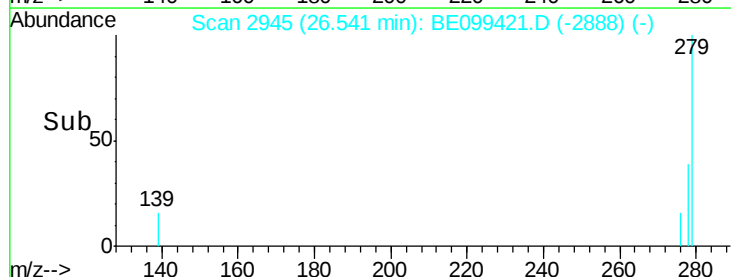
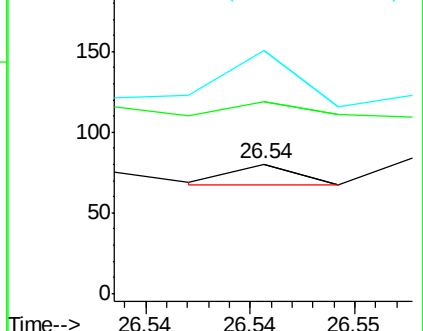
279 188.8 20.2 30.2#

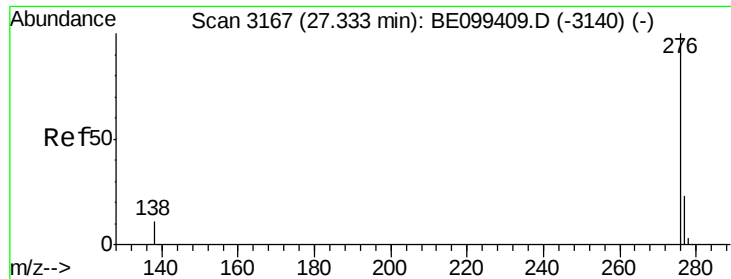


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.205 ng

RT: 27.33 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BE099421.D

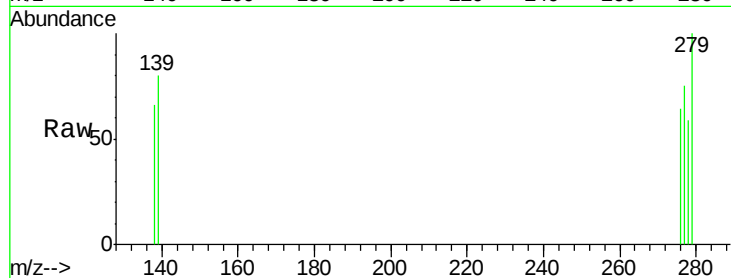
Acq: 30 Apr 2019 11:55

Instrument :

BNA_E

ClientSampleId :

PB119270BL



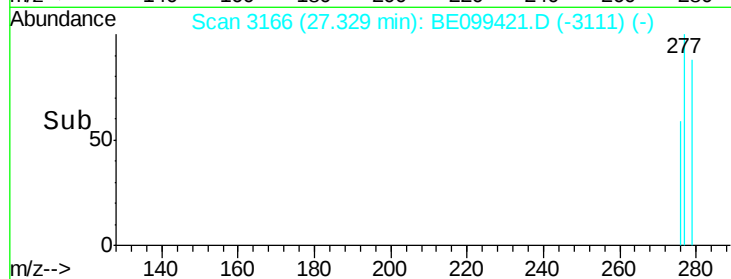
Tgt Ion: 276 Resp: 12

Ion Ratio Lower Upper

276 100

277 116.9 19.5 29.3#

138 102.4 9.6 14.4#



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

