

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052019\
 Data File : BE099671.D
 Acq On : 20 May 2019 21:42
 Operator : JU/SJ
 Sample : PB119824BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119824BL

Quant Time: May 21 06:42:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1570	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	4904	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	3273	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	9518	0.40	ng	0.01
27) Chrysene-d12	21.43	240	14077	0.40	ng	0.01
34) Perylene-d12	23.97	264	17368	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	1391	0.35	ng	0.01
5) Phenol-d6	6.98	99	1741	0.33	ng	0.00
8) Nitrobenzene-d5	8.99	82	1247	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	3263	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.01	330	341	0.27	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	4684	0.38	ng	0.01
25) Fluoranthene-d10	19.27	212	52754	0.41	ng	0.00
29) Terphenyl-d14	19.87	244	11102	0.44	ng	0.00

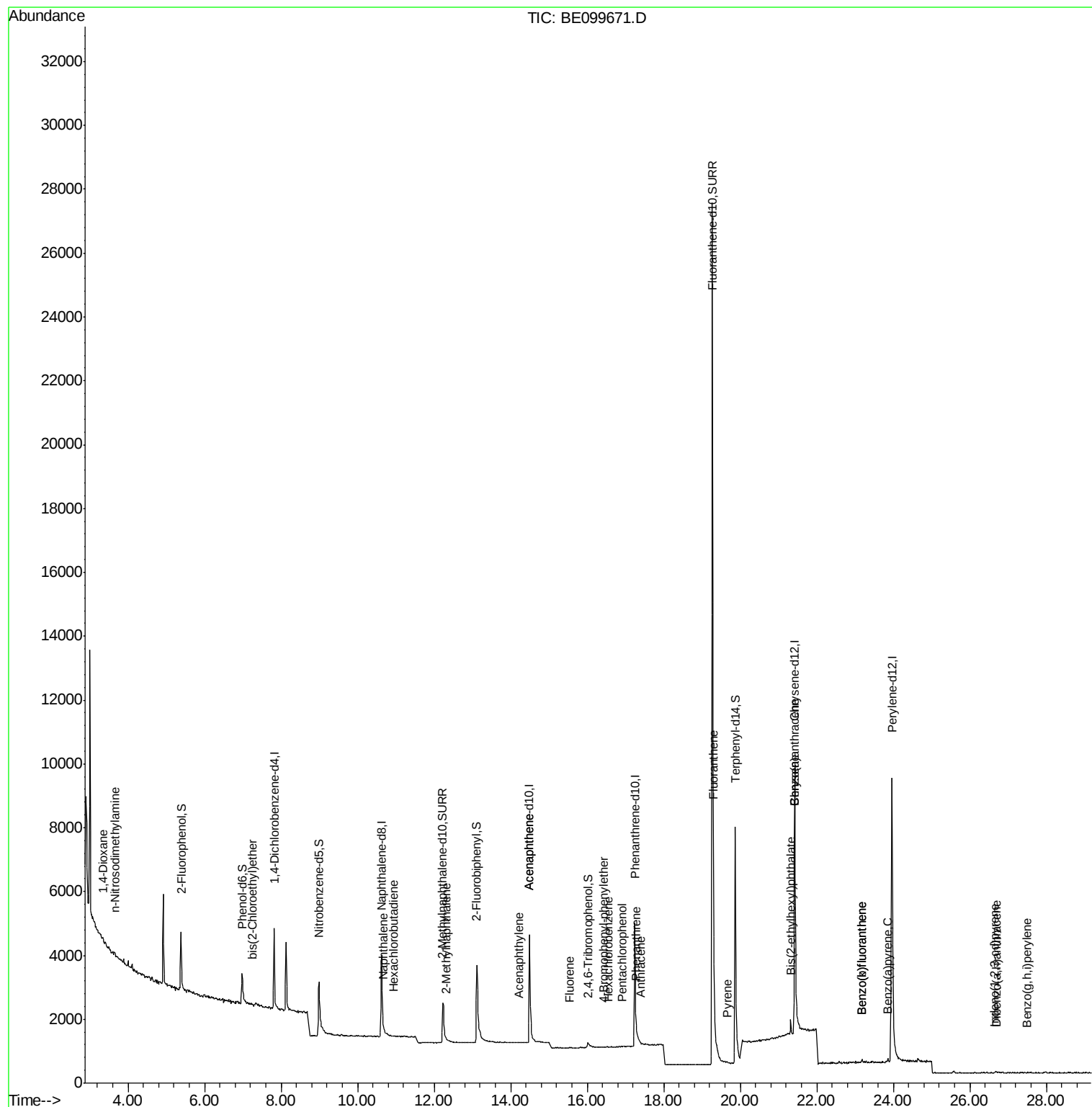
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	19	0.008	ng	# 34
3) n-Nitrosodimethylamine	3.67	42	43	0.034	ng	# 1
6) bis(2-Chloroethyl)ether	7.25	93	19	0.004	ng	# 1
9) Naphthalene	10.67	128	21	0.000	ng	# 45
10) Hexachlorobutadiene	10.93	225	3	0.001	ng	# 1
12) 2-Methylnaphthalene	12.31	142	7	0.001	ng	# 58
16) Acenaphthylene	14.21	152	5	0.000	ng	# 8
17) Acenaphthene	14.49	154	22	0.003	ng	# 3
18) Fluorene	15.54	166	13	0.001	ng	# 2
20) 4-Bromophenyl-phenylether	16.44	248	4	0.001	ng	# 66
21) Hexachlorobenzene	16.55	284	9	0.002	ng	# 38
22) Pentachlorophenol	16.91	266	6	0.184	ng	# 71
23) Phenanthrene	17.28	178	15	0.001	ng	# 50
24) Anthracene	17.39	178	13	0.001	ng	# 61
26) Fluoranthene	19.30	202	47	0.001	ng	# 84
28) Pyrene	19.67	202	39	0.001	ng	# 83
30) Benzo(a)anthracene	21.41	228	111	0.003	ng	# 1
31) Chrysene	21.41	228	91	0.002	ng	# 7
32) Bis(2-ethylhexyl)phthalate	21.32	149	591	0.013	ng	# 91
33) Indeno(1,2,3-cd)pyrene	26.65	276	1	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.18	252	46	0.001	ng	# 1
36) Benzo(k)fluoranthene	23.18	252	46	0.001	ng	# 1
37) Benzo(a)pyrene	23.85	252	38	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.69	278	1	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.49	276	7	0.000	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. 0.00 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Instrument :

BNA_E

ClientSampleId :

PB119824BL

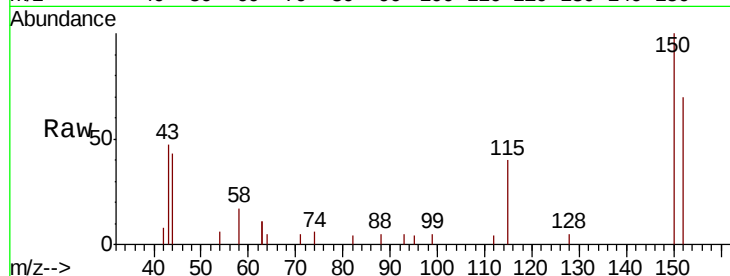
Tgt Ion:152 Resp: 1570

Ion Ratio Lower Upper

152 100

150 142.9 109.2 163.8

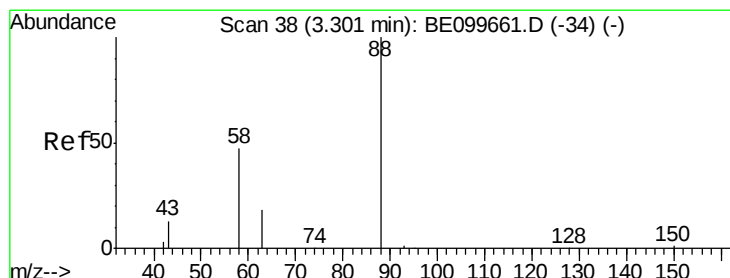
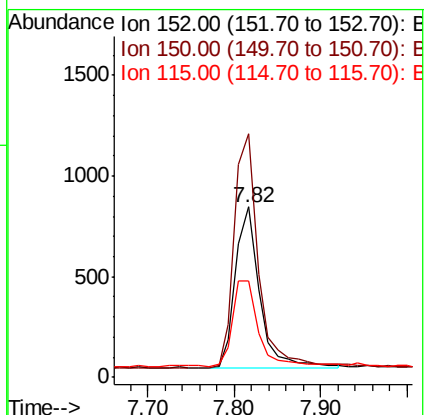
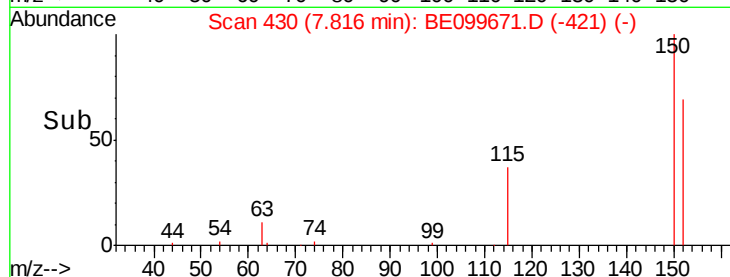
115 56.9 43.7 65.5



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: 0.008 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.04 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

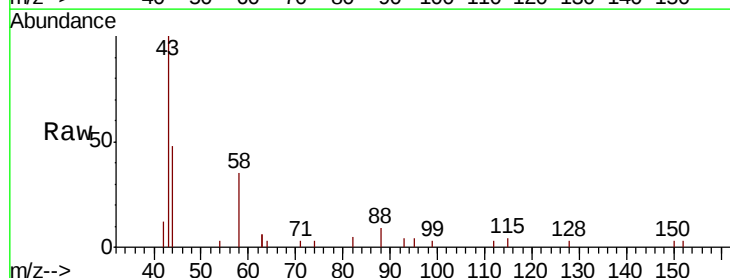
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

58 0.0 41.8 62.8#

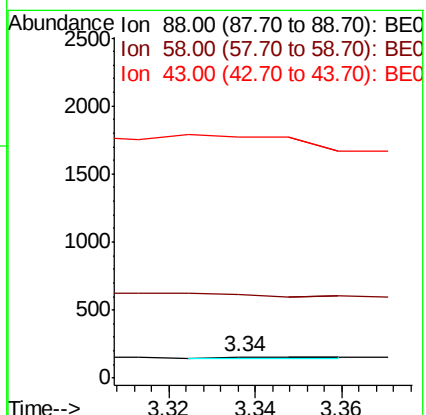
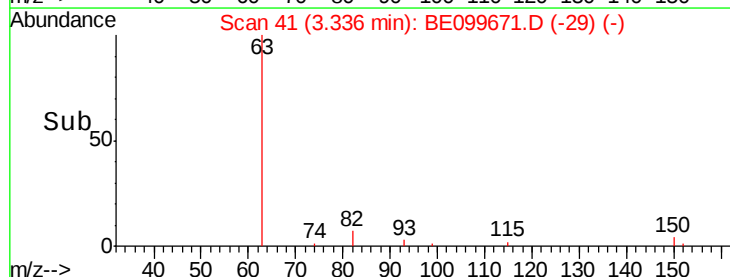
43 0.0 15.0 22.4#



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: 0.034 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.04 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

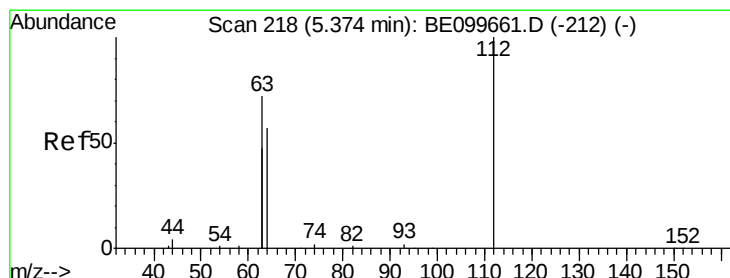
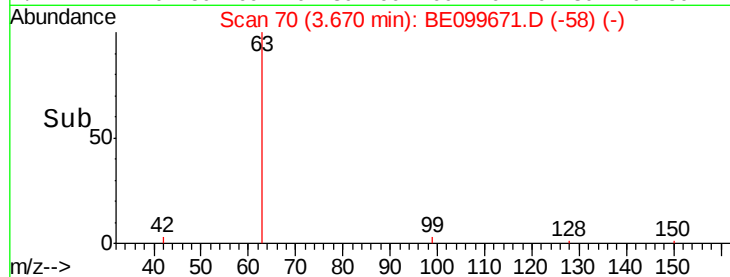
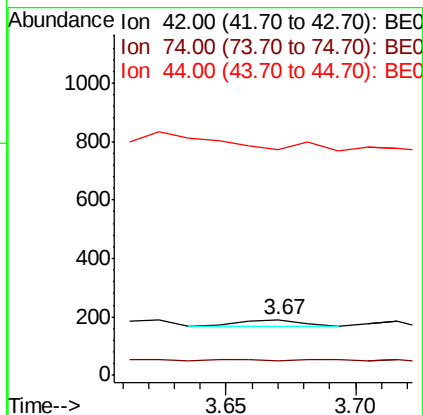
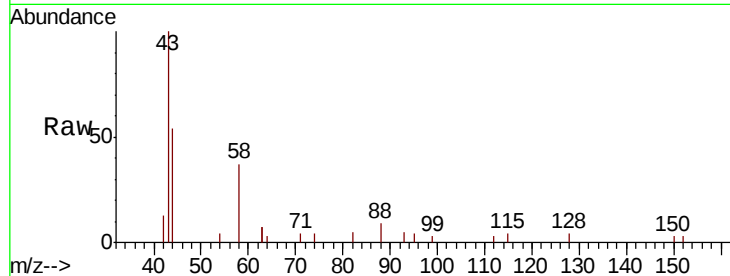
Instrument :

BNA_E

ClientSampleId :

PB119824BL

Tgt Ion:	42	Resp:	43
Ion	Ratio	Lower	Upper
42	100		
74	14.0	129.2	193.8#
44	48.8	0.0	0.0#



#4

2-Fluorophenol

Concen: 0.351 ng

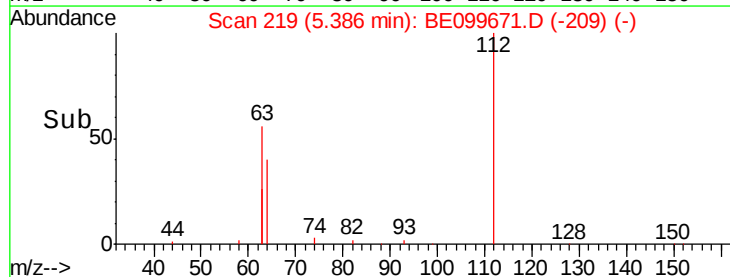
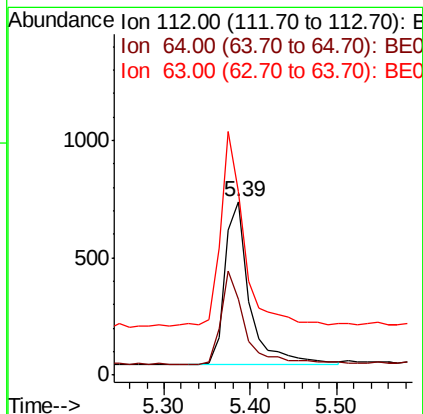
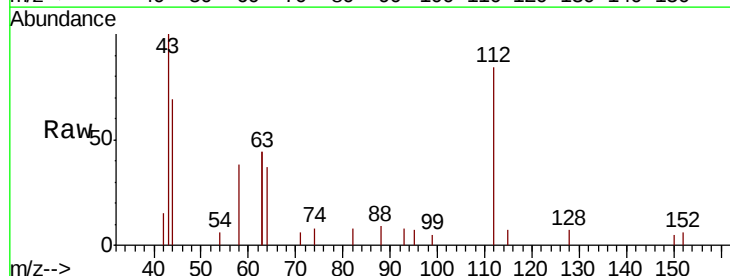
RT: 5.39 min Scan# 219

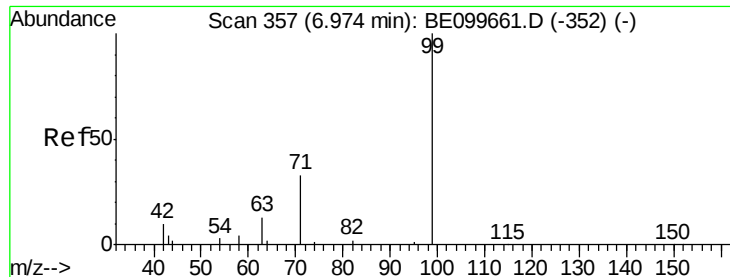
Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Tgt Ion:	112	Resp:	1391
Ion	Ratio	Lower	Upper
112	100		
64	55.7	43.4	65.2
63	111.8	96.9	145.3





#5

Phenol-d6

Concen: 0.332 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Instrument :

BNA_E

ClientSampleId :

PB119824BL

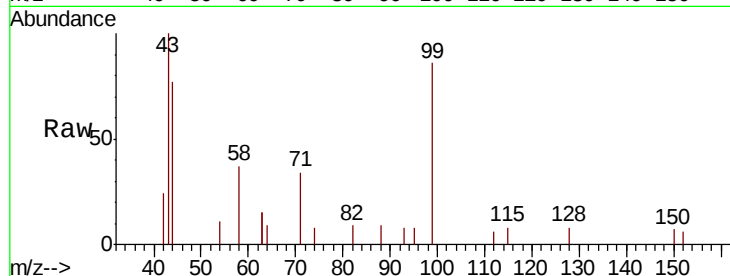
Tgt Ion: 99 Resp: 1741

Ion Ratio Lower Upper

99 100

42 10.4 12.2 18.2#

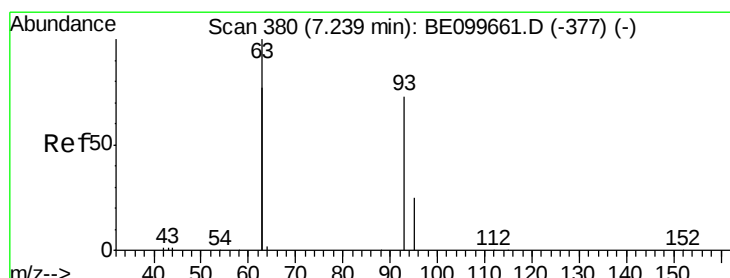
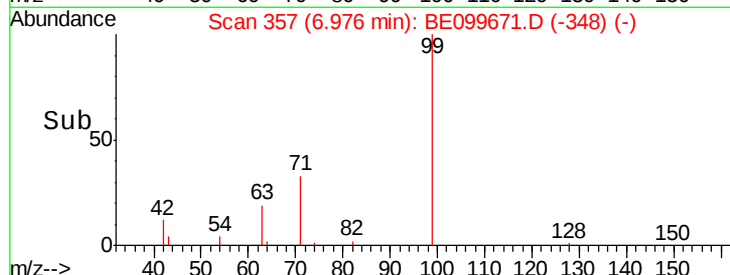
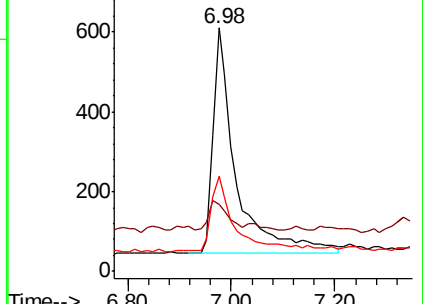
71 33.4 28.9 43.3



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: 0.004 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

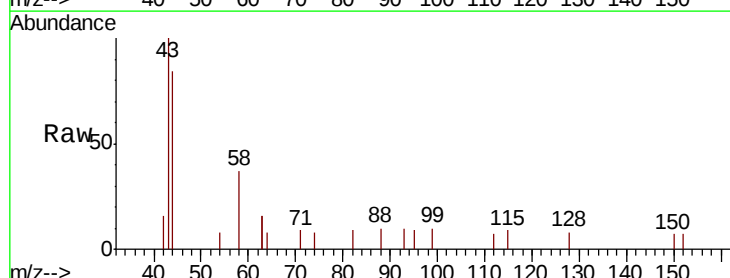
Tgt Ion: 93 Resp: 19

Ion Ratio Lower Upper

93 100

63 0.0 207.8 311.6#

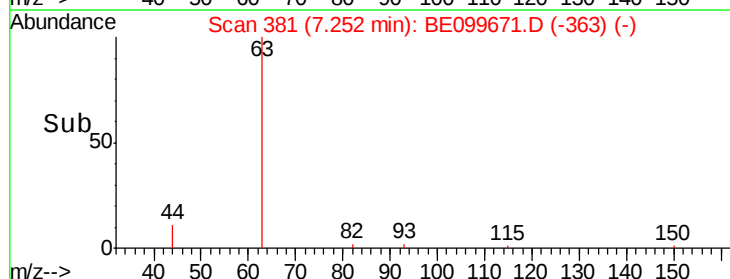
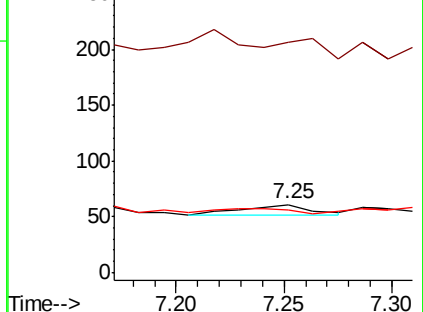
95 0.0 25.9 38.9#

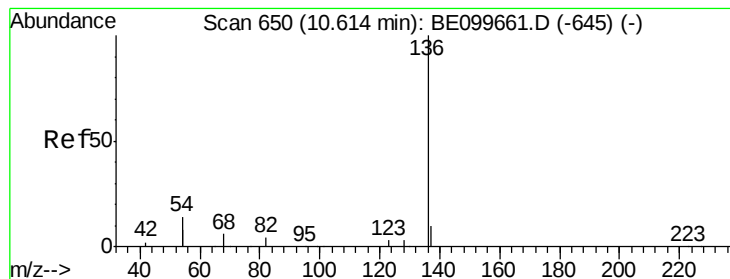


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Instrument :

BNA_E

ClientSampleId :

PB119824BL

Tgt Ion: 136 Resp: 4904

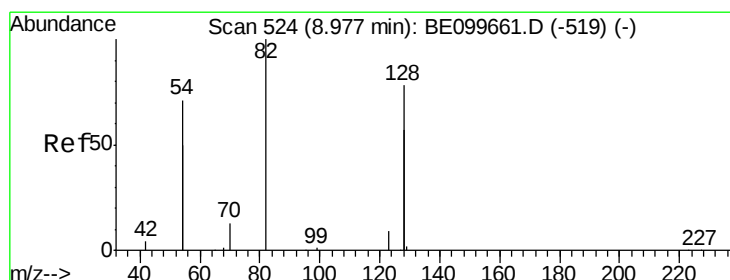
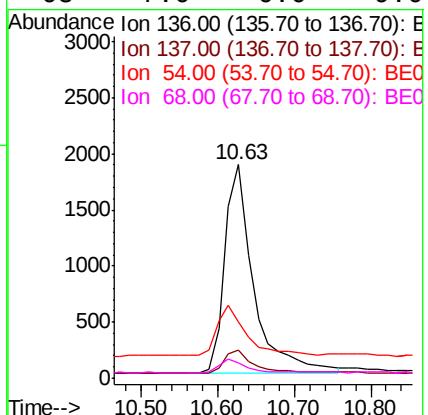
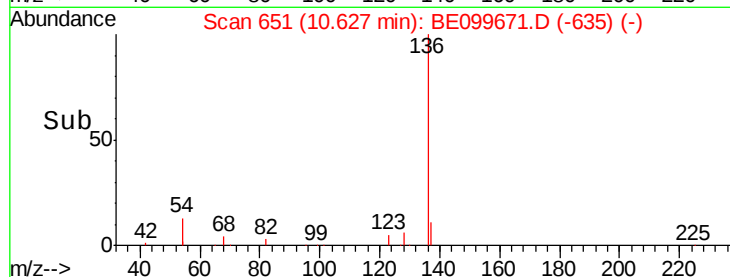
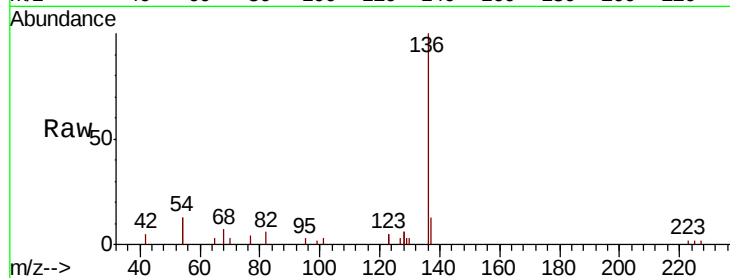
Ion Ratio Lower Upper

136 100

137 13.1 9.0 13.6

54 26.2 22.3 33.5

68 7.0 6.0 9.0



#8

Nitrobenzene-d5

Concen: 0.294 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

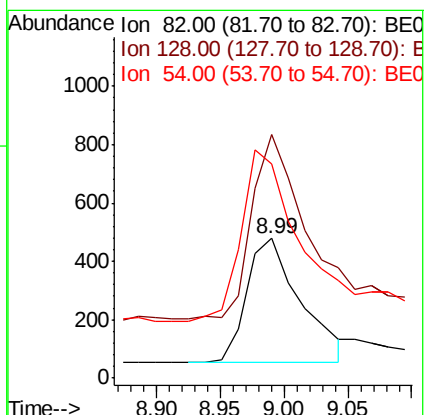
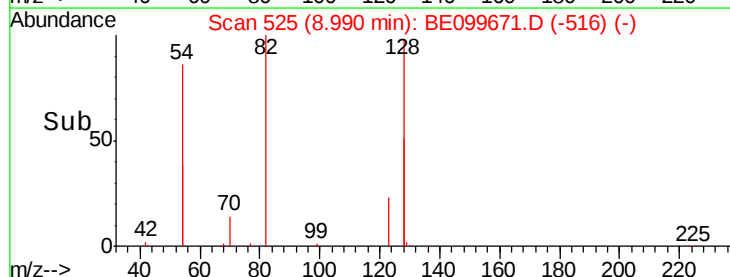
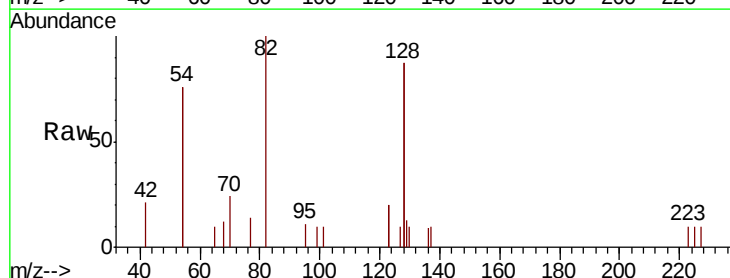
Tgt Ion: 82 Resp: 1247

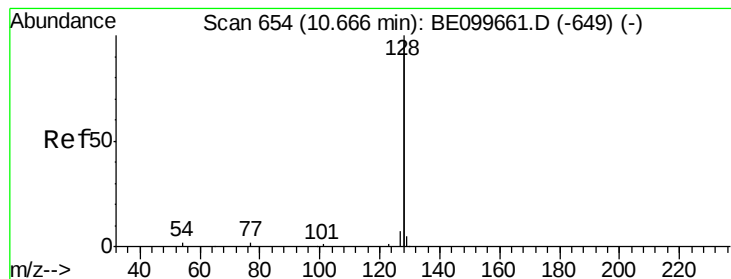
Ion Ratio Lower Upper

82 100

128 174.1 117.7 176.5

54 152.8 106.6 160.0





#9

Naphthalene

Concen: 0.000 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Instrument :

BNA_E

ClientSampleId :

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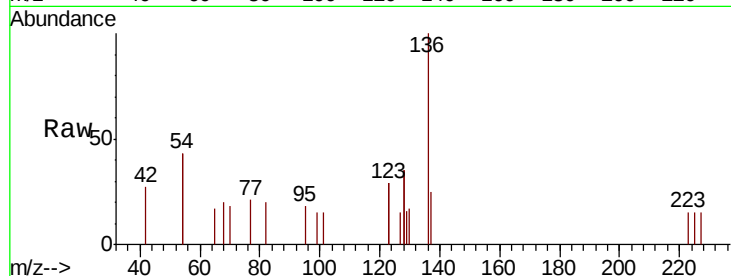
Tgt Ion:128 Resp: 21

Ion Ratio Lower Upper

128 100

129 22.5 2.4 3.6#

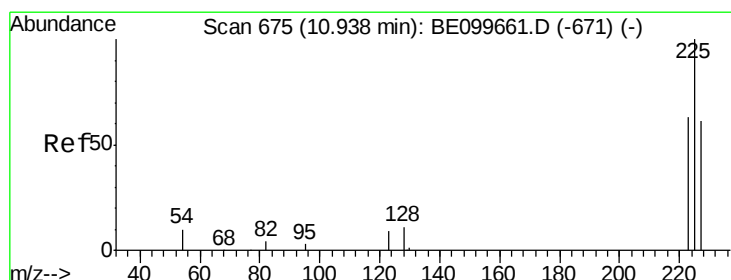
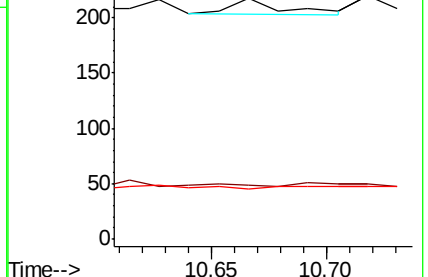
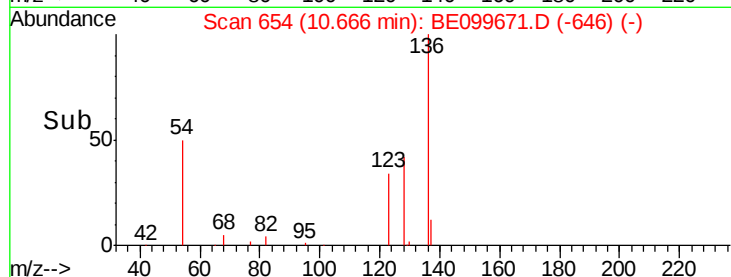
127 20.6 2.9 4.3#



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: 0.001 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

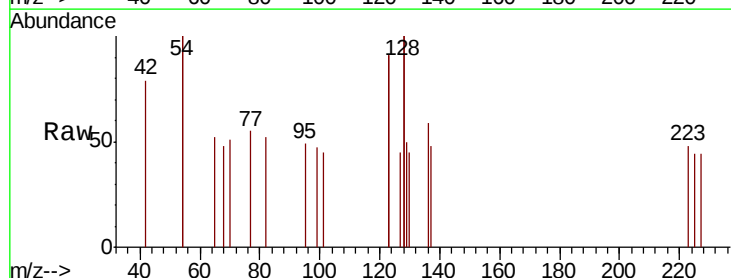
Tgt Ion:225 Resp: 3

Ion Ratio Lower Upper

225 100

223 133.3 51.8 77.6#

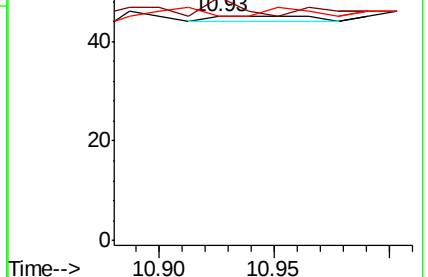
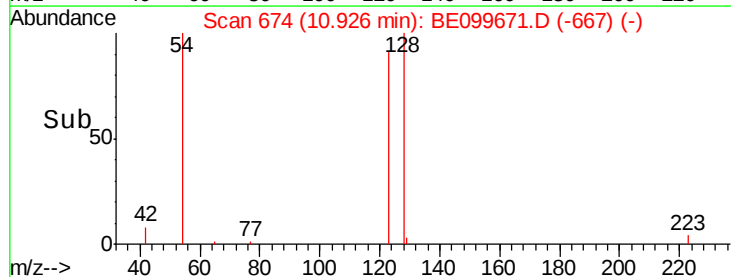
227 166.7 52.6 79.0#

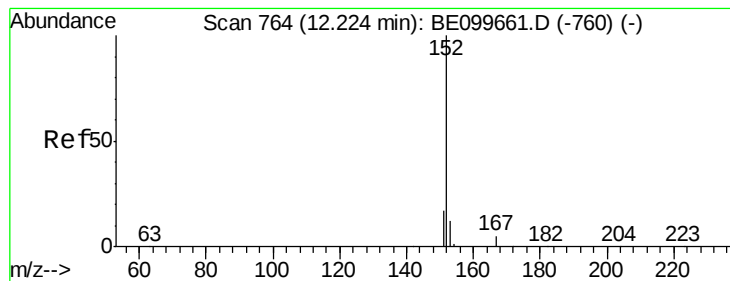


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.386 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Instrument :

BNA_E

ClientSampleId :

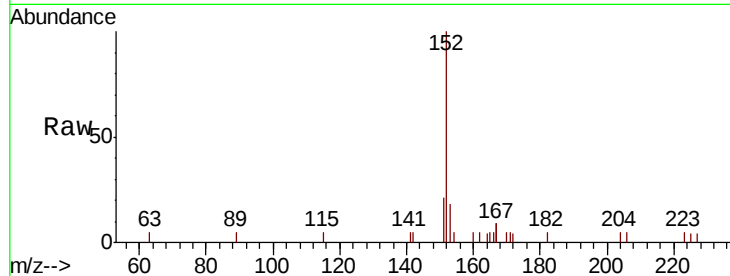
PB119824BL

Tgt Ion:152 Resp: 3263

Ion Ratio Lower Upper

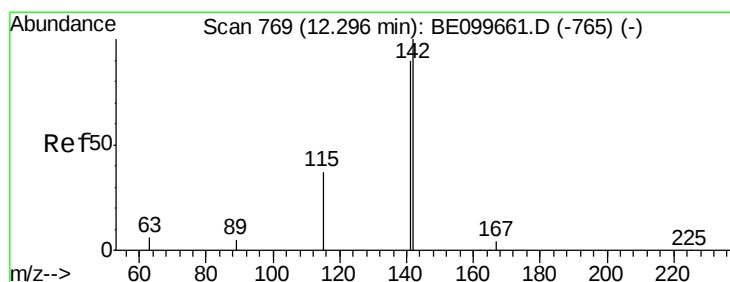
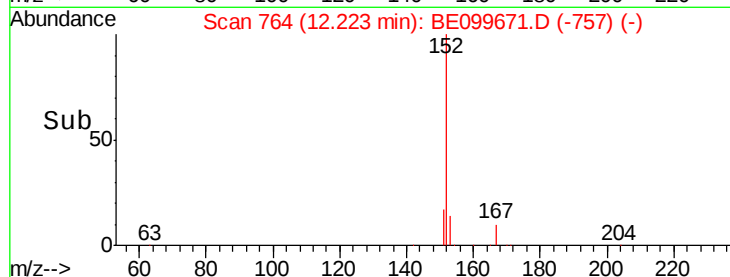
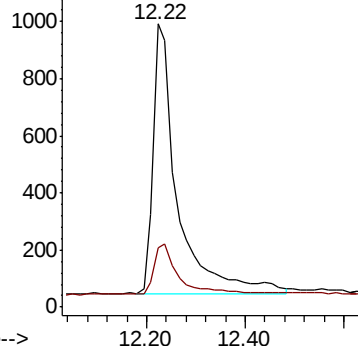
152 100

151 18.1 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.001 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

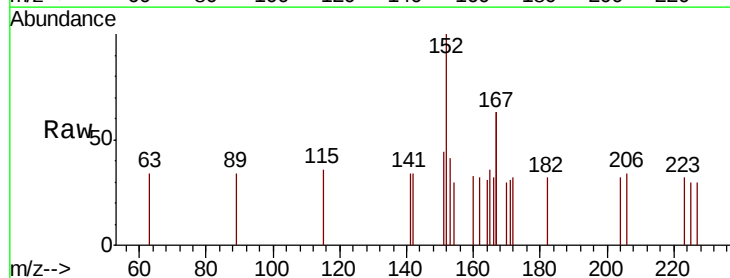
Tgt Ion:142 Resp: 7

Ion Ratio Lower Upper

142 100

141 102.0 72.0 108.0

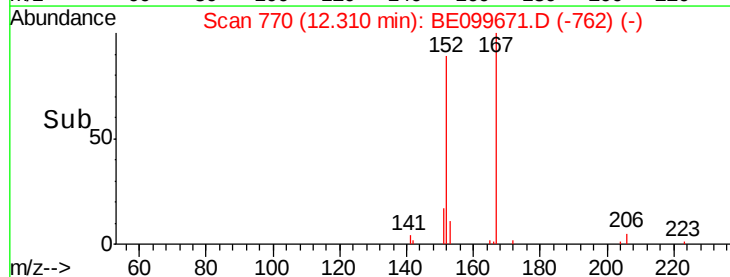
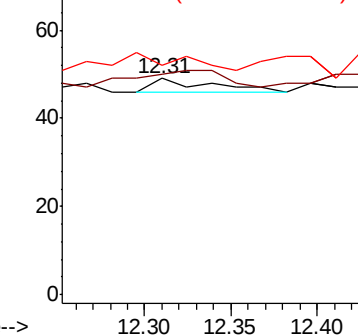
115 106.1 31.0 46.4#



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

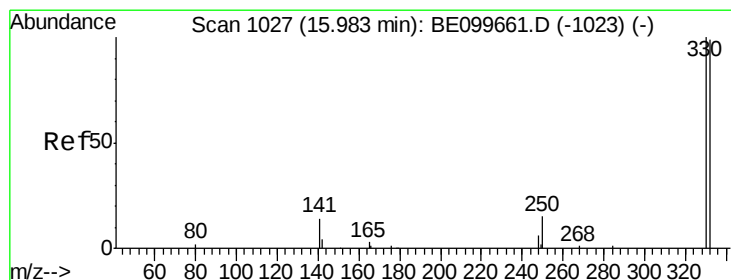
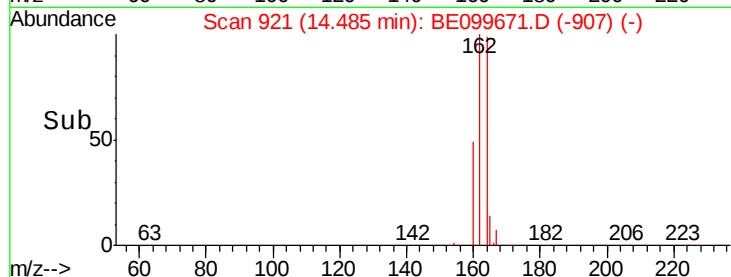
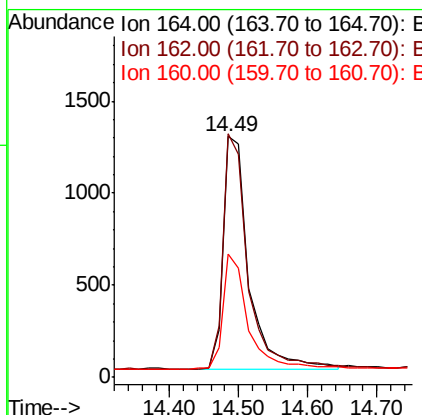
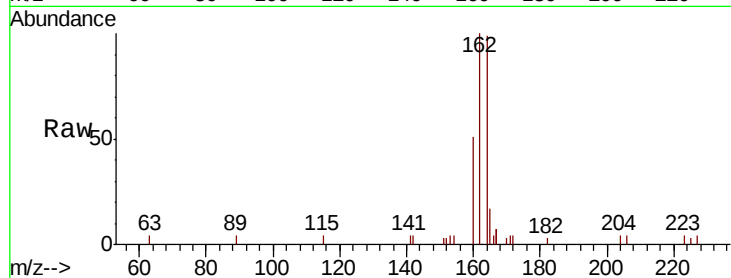




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

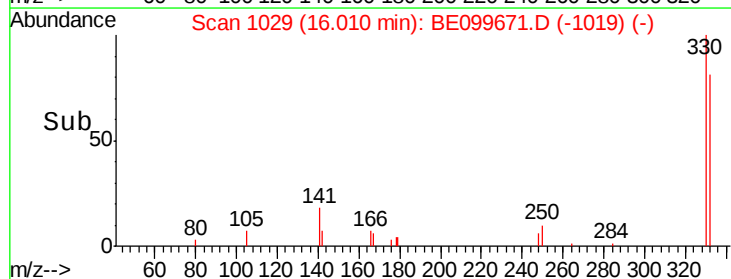
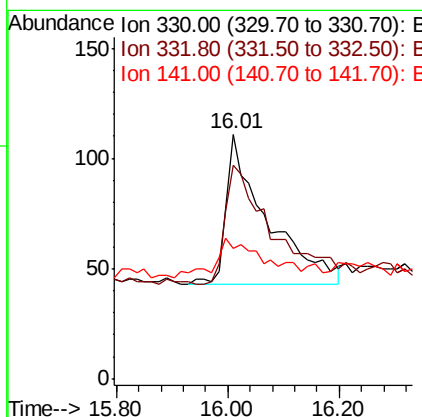
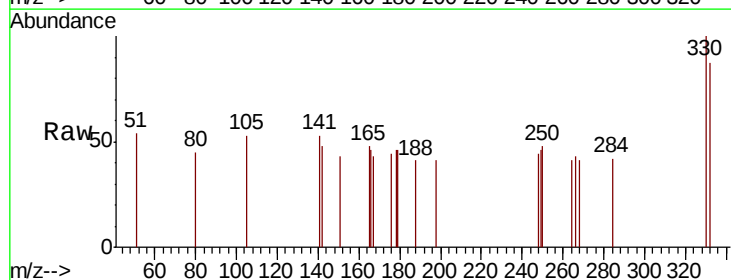
Instrument :
BNA_E
ClientSampleId :
PB119824BL

Tgt Ion:164 Resp: 3273
Ion Ratio Lower Upper
164 100
162 101.1 76.5 114.7
160 51.3 37.4 56.2



#14
2,4,6-Tribromophenol
Concen: 0.274 ng
RT: 16.01 min Scan# 1029
Delta R.T. 0.03 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Tgt Ion:330 Resp: 341
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 33.7 18.9 28.3#

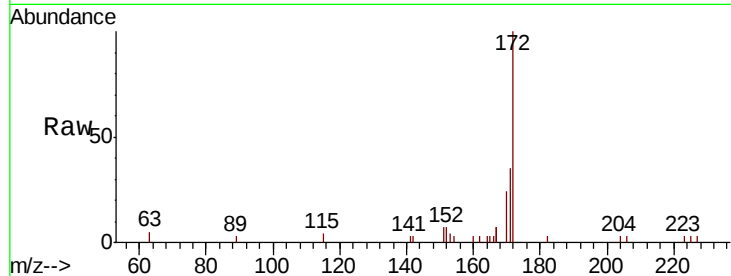




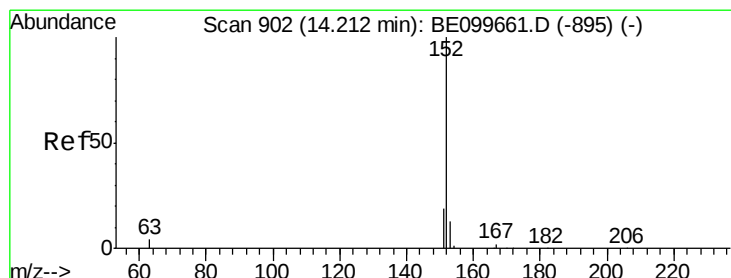
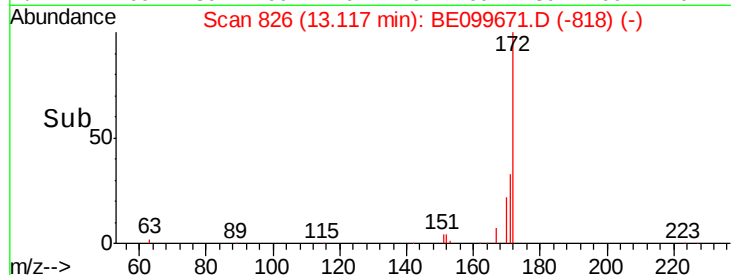
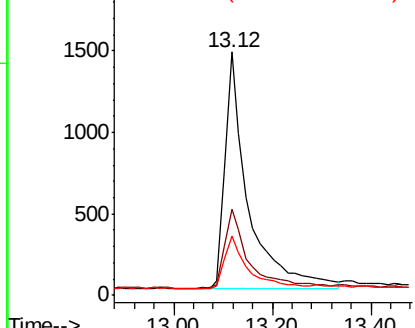
#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Instrument :
BNA_E
ClientSampleId :
PB119824BL

Tgt Ion:172 Resp: 4684
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 24.3 20.9 31.3

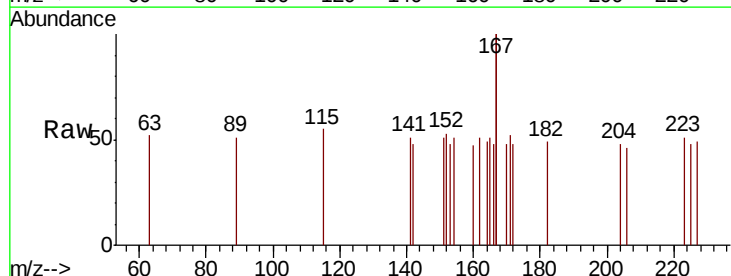


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

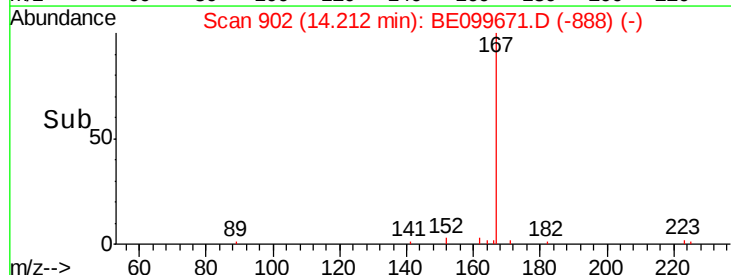
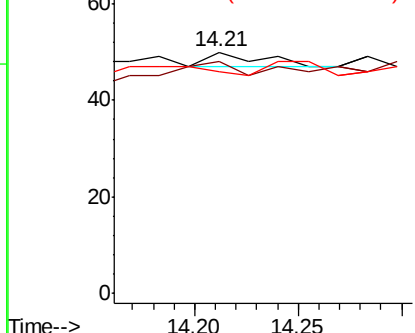


#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Tgt Ion:152 Resp: 5
Ion Ratio Lower Upper
152 100
151 80.0 15.9 23.9#
153 0.0 10.6 16.0#



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

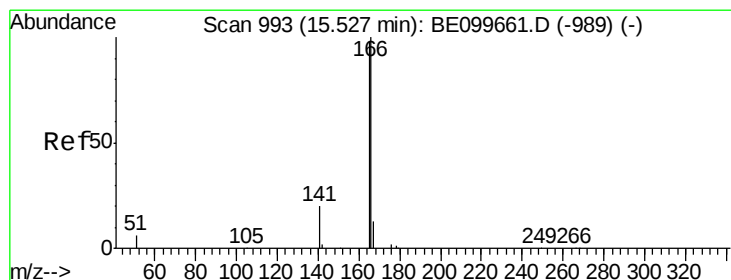
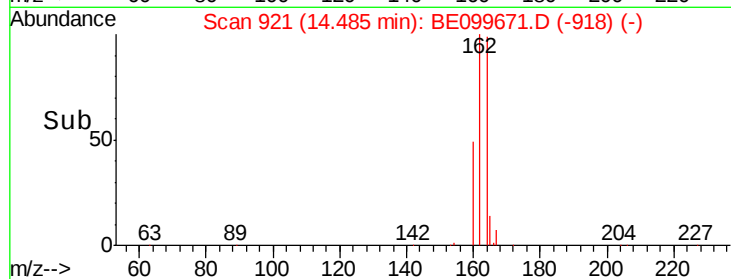
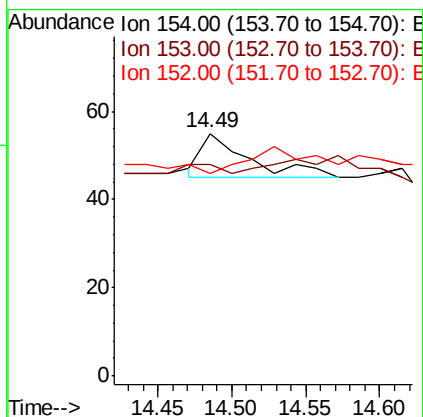
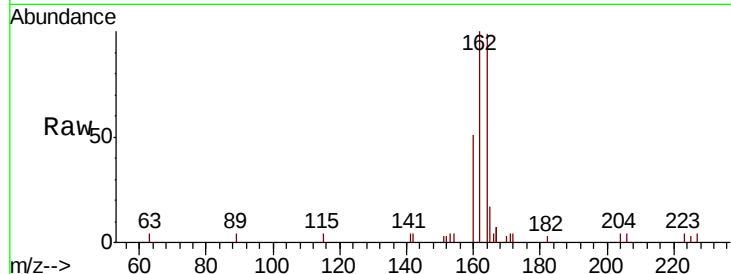




#17
Acenaphthene
Concen: 0.003 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.06 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

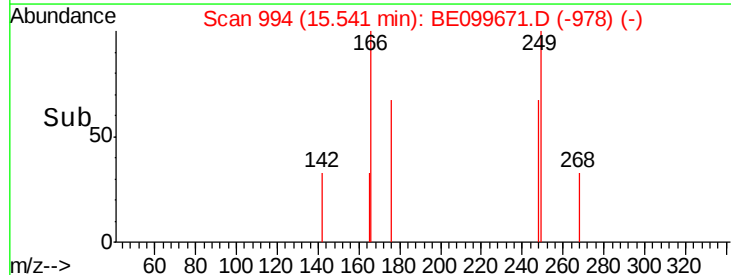
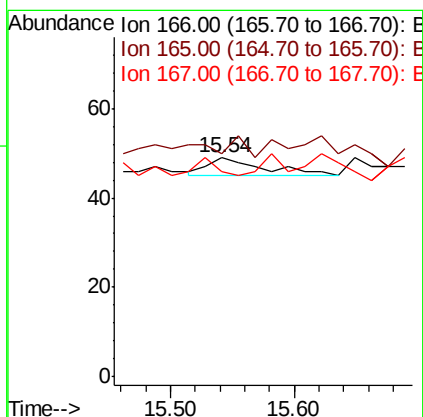
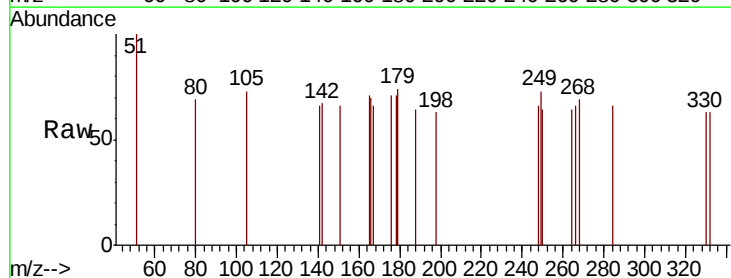
Instrument :
BNA_E
ClientSampleId :
PB119824BL

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.8	137.6#
152	0.0	46.0	69.0#



#18
Fluorene
Concen: 0.001 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.01 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	0.0	80.3	120.5#
167	46.2	10.6	16.0#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Instrument :

BNA_E

ClientSampleId :

PB119824BL

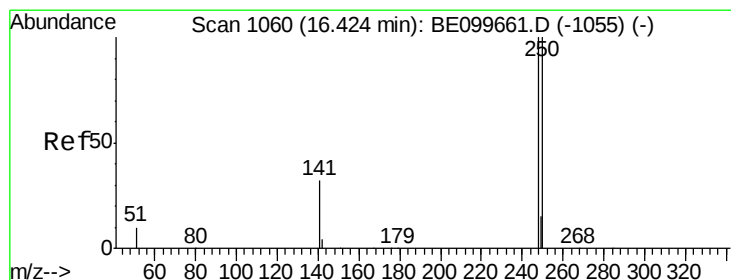
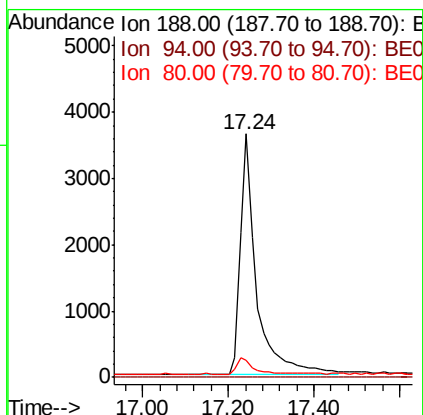
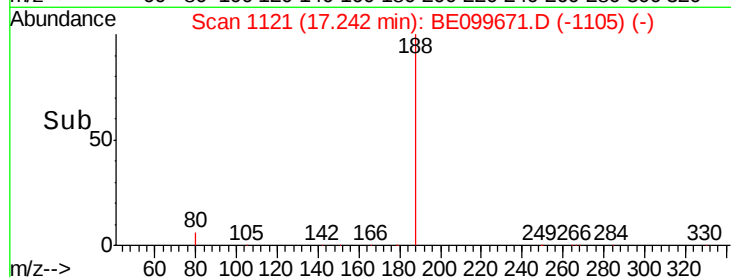
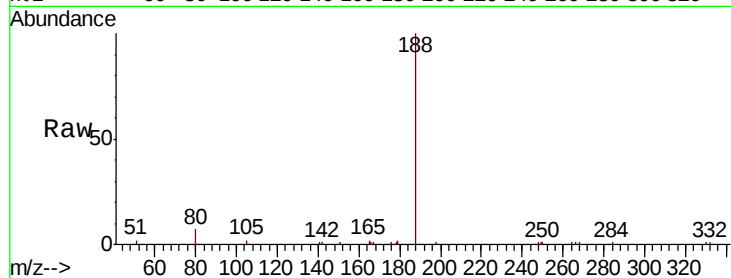
Tgt Ion:188 Resp: 9518

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.2 6.7 10.1



#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.44 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

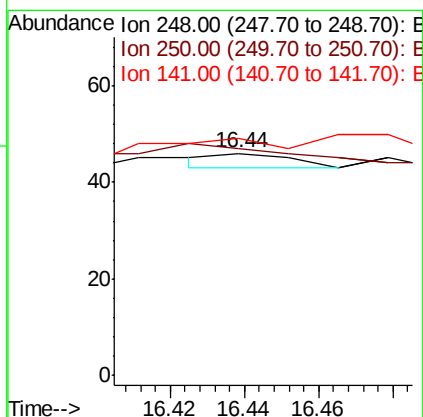
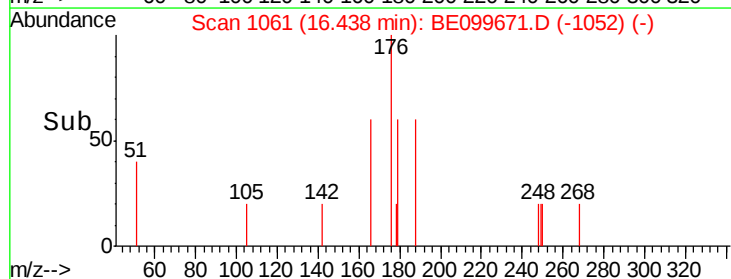
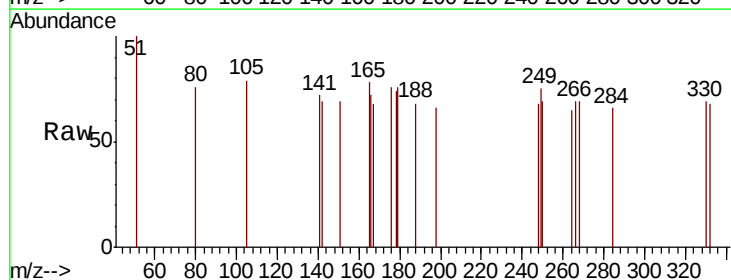
Tgt Ion:248 Resp: 4

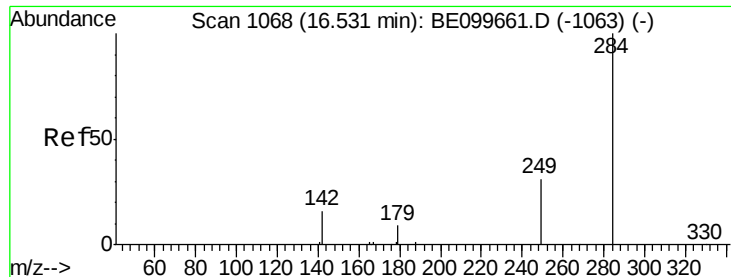
Ion Ratio Lower Upper

248 100

250 102.2 79.8 119.8

141 106.5 27.0 40.6#





#21

Hexachlorobenzene

Concen: 0.002 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

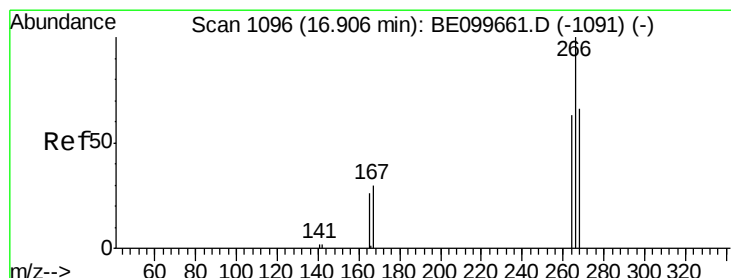
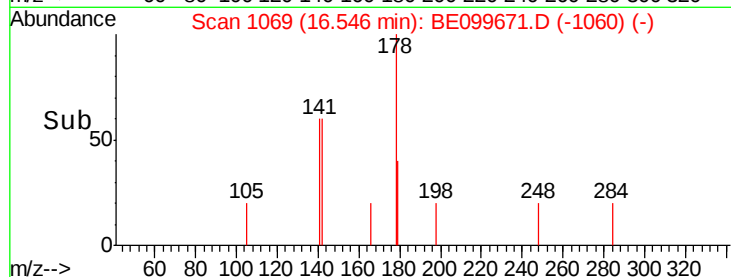
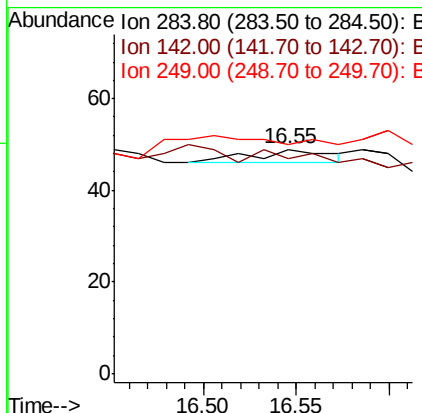
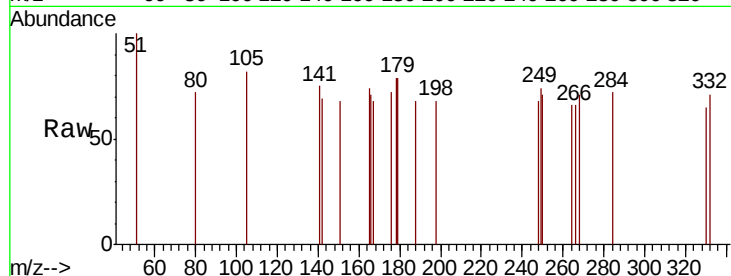
Instrument :

BNA_E

ClientSampleId :

PB119824BL

Tgt Ion:	284	Resp:	9
Ion	Ratio	Lower	Upper
284	100		
142	55.6	17.8	26.6#
249	0.0	24.8	37.2#



#22

Pentachlorophenol

Concen: 0.184 ng

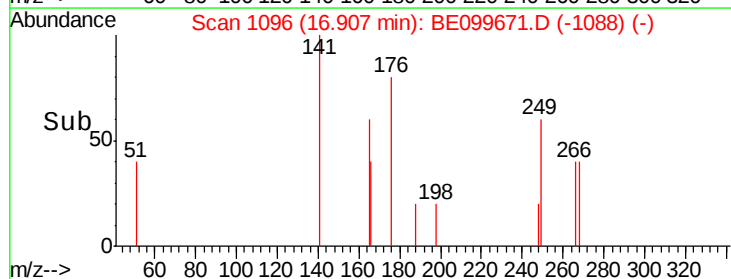
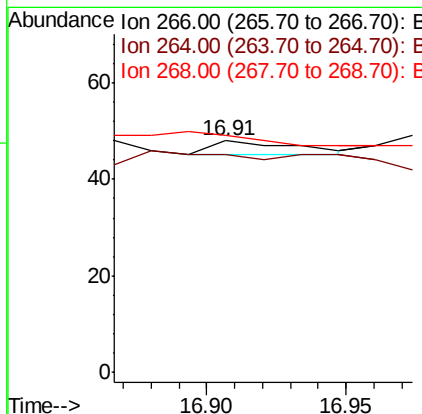
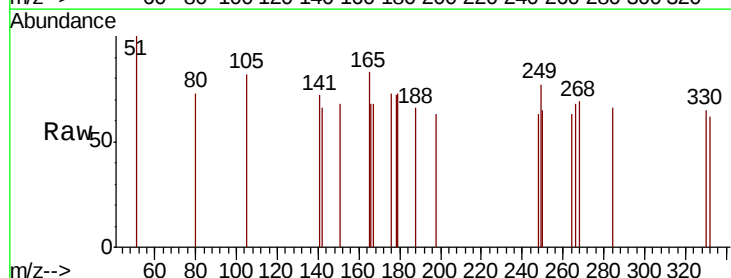
RT: 16.91 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Tgt Ion:	266	Resp:	6
Ion	Ratio	Lower	Upper
266	100		
264	93.8	57.2	85.8#
268	102.1	60.5	90.7#





#23

Phenanthrene

Concen: 0.001 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Instrument :

BNA_E

ClientSampleId :

PB119824BL

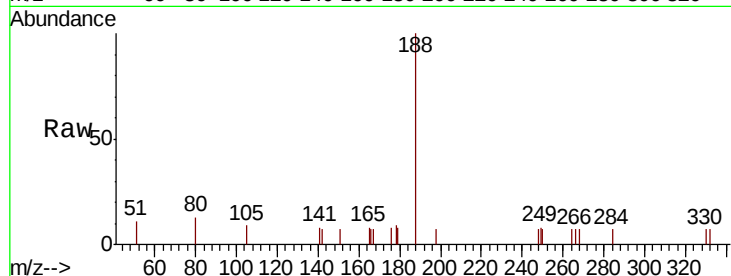
Tgt Ion:178 Resp: 15

Ion Ratio Lower Upper

178 100

176 46.7 15.6 23.4#

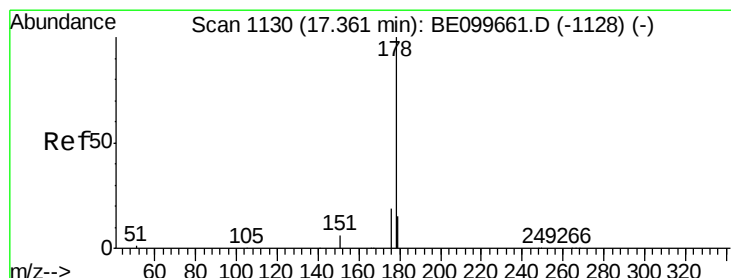
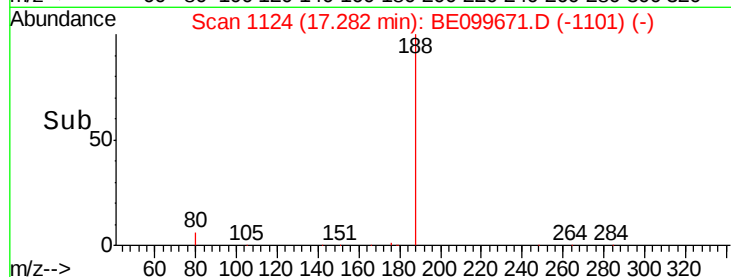
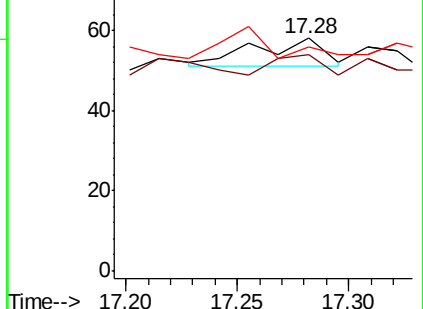
179 0.0 12.2 18.4#



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: 0.001 ng

RT: 17.39 min Scan# 1132

Delta R.T. 0.03 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

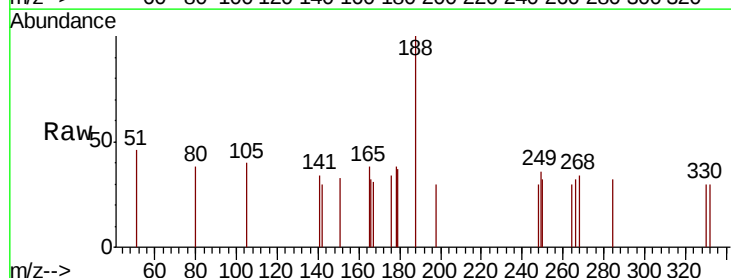
Tgt Ion:178 Resp: 13

Ion Ratio Lower Upper

178 100

176 0.0 14.7 22.1#

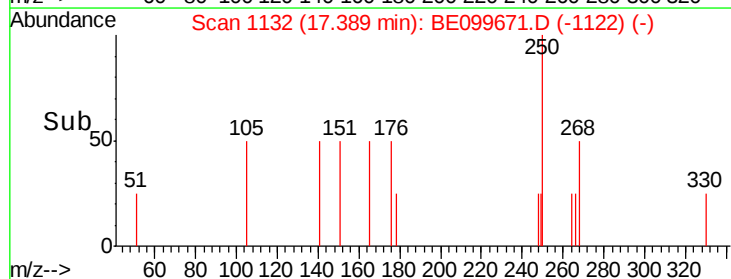
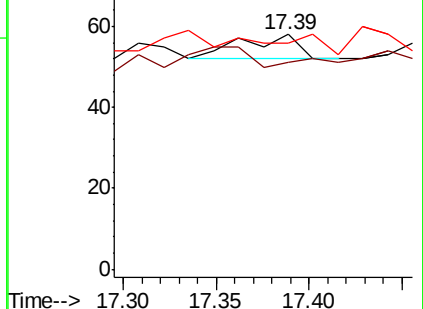
179 0.0 12.0 18.0#

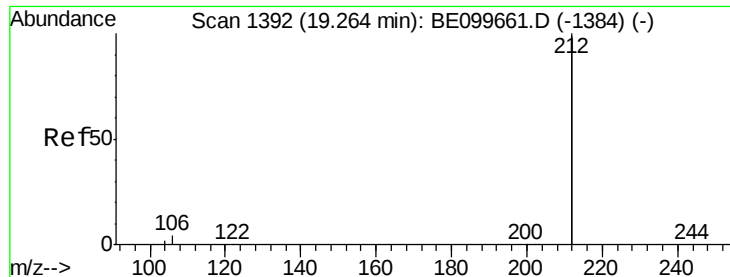


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.406 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Instrument :

BNA_E

ClientSampleId :

PB119824BL

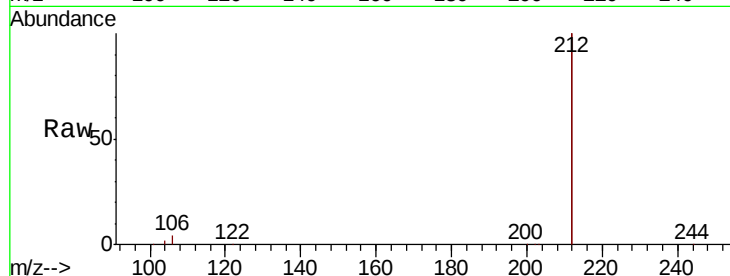
Tgt Ion:212 Resp: 52754

Ion Ratio Lower Upper

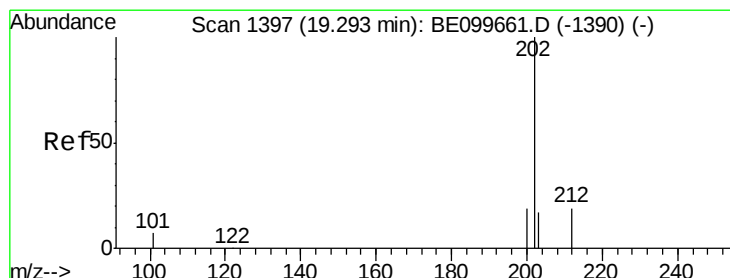
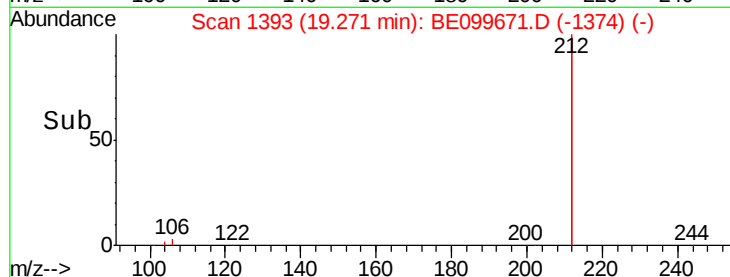
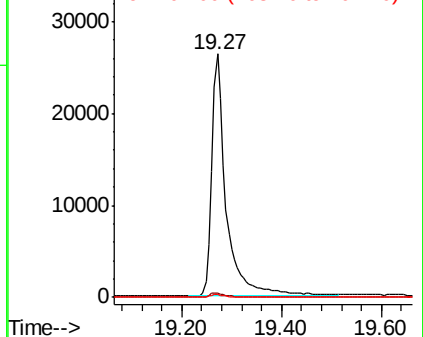
212 100

106 1.7 1.4 2.2

104 1.0 0.8 1.2



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: 0.001 ng

RT: 19.30 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

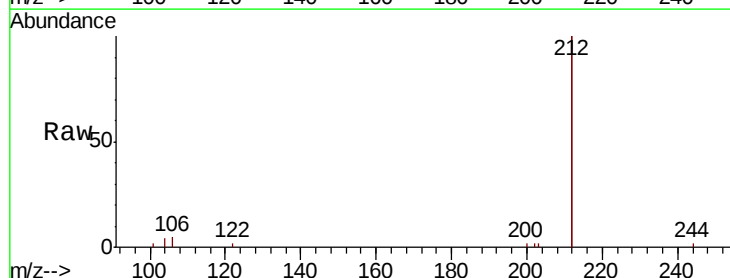
Tgt Ion:202 Resp: 47

Ion Ratio Lower Upper

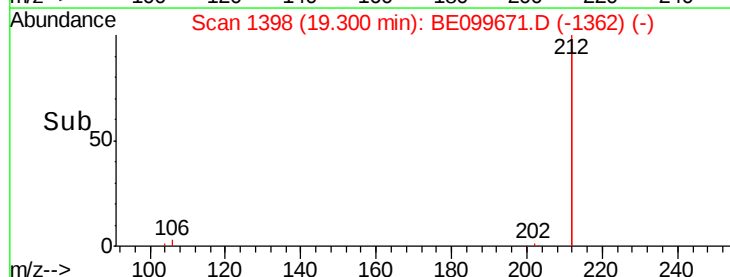
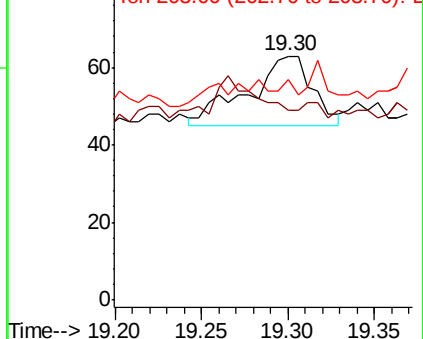
202 100

101 8.5 5.2 7.8#

203 8.5 13.8 20.6#



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: 21.43 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Instrument :

BNA_E

ClientSampleId :

PB119824BL

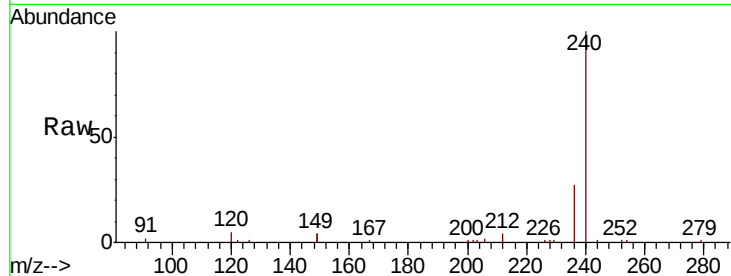
Tgt Ion:240 Resp: 14077

Ion Ratio Lower Upper

240 100

120 5.2 5.4 8.0#

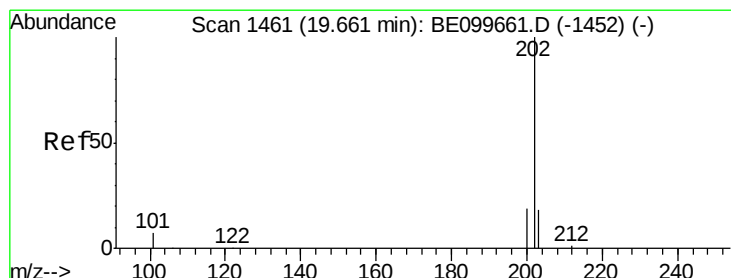
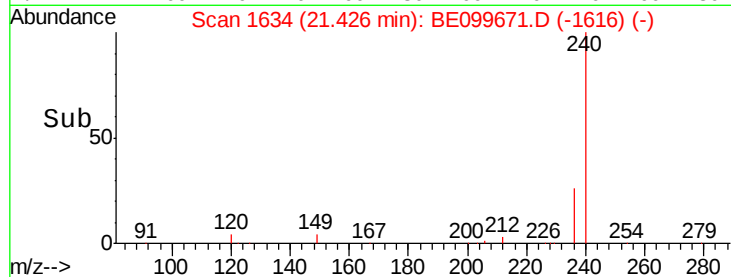
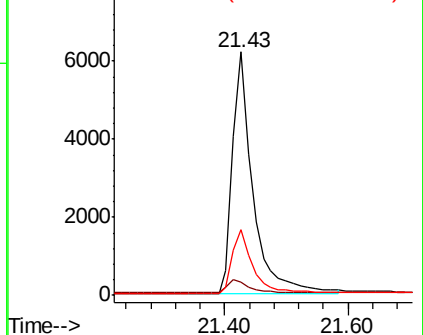
236 27.0 21.7 32.5



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: 0.001 ng

RT: 19.67 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

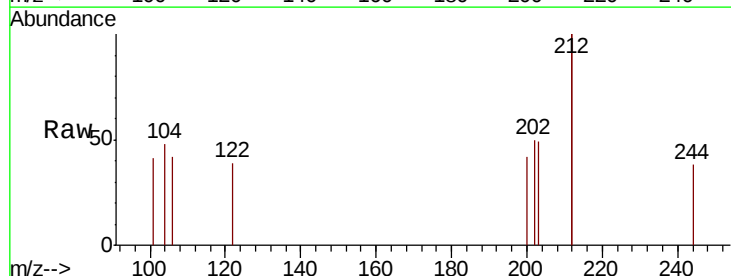
Tgt Ion:202 Resp: 39

Ion Ratio Lower Upper

202 100

200 28.2 15.4 23.2#

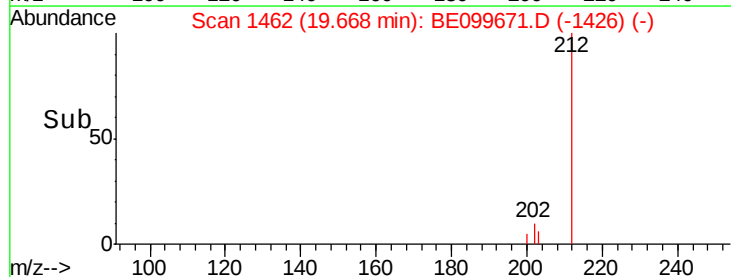
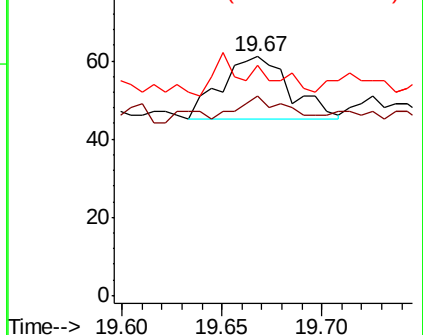
203 23.1 13.8 20.8#

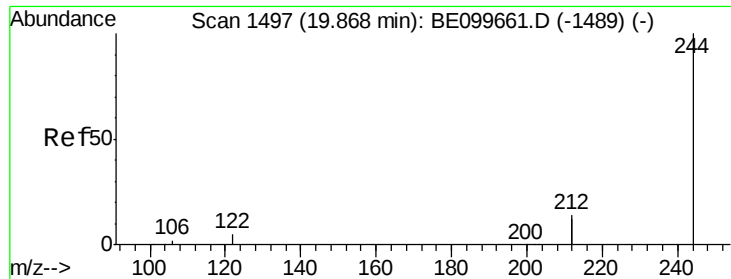


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.442 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Instrument :

BNA_E

ClientSampleId :

PB119824BL

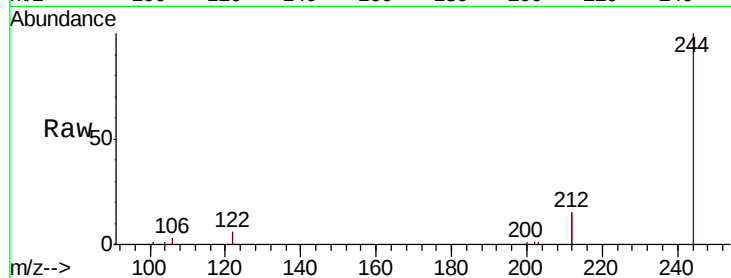
Tgt Ion:244 Resp: 11102

Ion Ratio Lower Upper

244 100

212 29.3 22.5 33.7

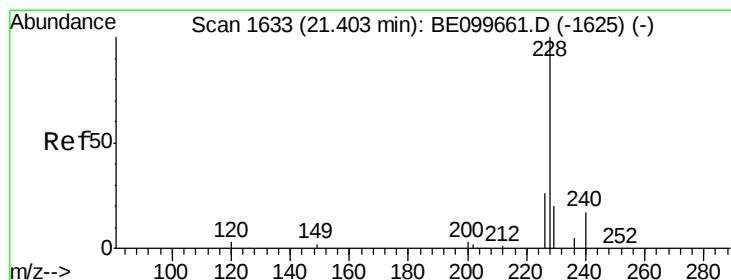
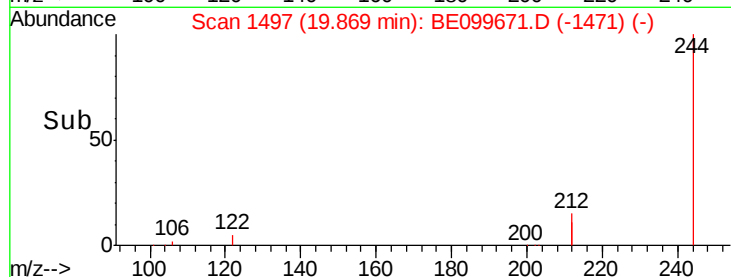
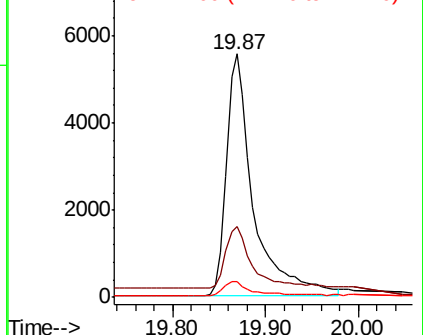
122 6.3 4.3 6.5



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: 0.003 ng

RT: 21.41 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

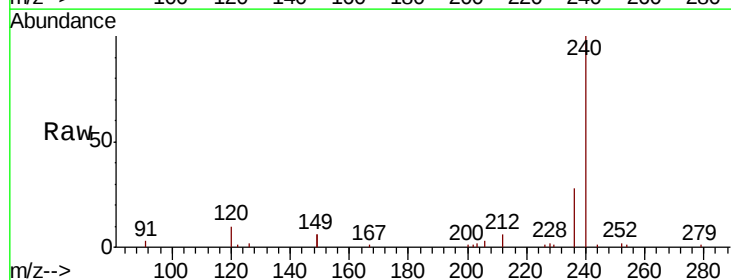
Tgt Ion:228 Resp: 111

Ion Ratio Lower Upper

228 100

226 69.7 21.3 31.9#

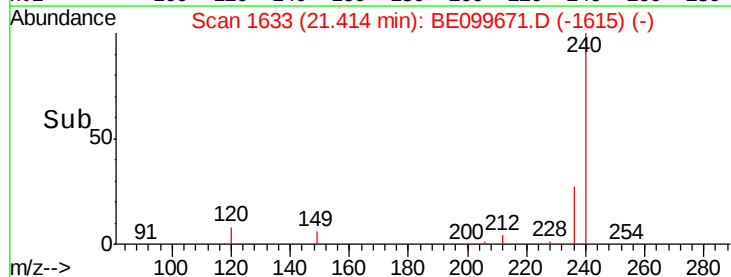
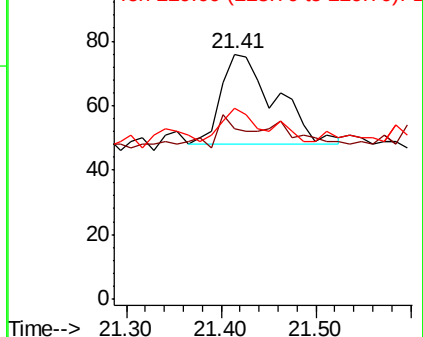
229 77.6 16.1 24.1#

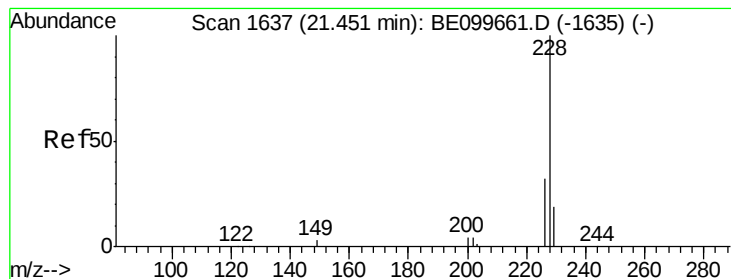


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.002 ng

RT: 21.41 min Scan# 1633

Delta R.T. -0.04 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Instrument :

BNA_E

ClientSampleId :

PB119824BL

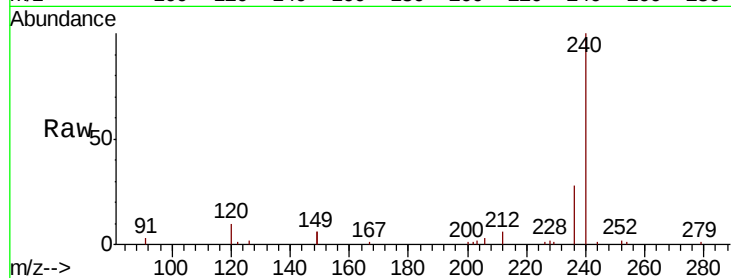
Tgt Ion: 228 Resp: 91

Ion Ratio Lower Upper

228 100

226 69.7 24.7 37.1#

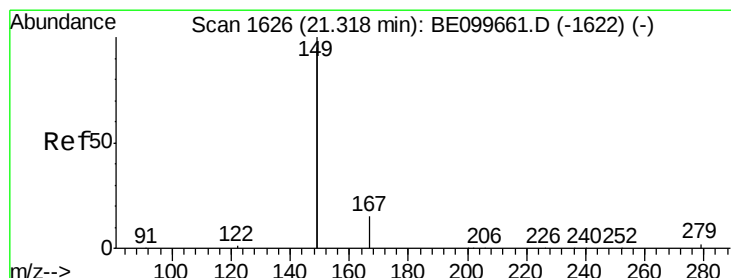
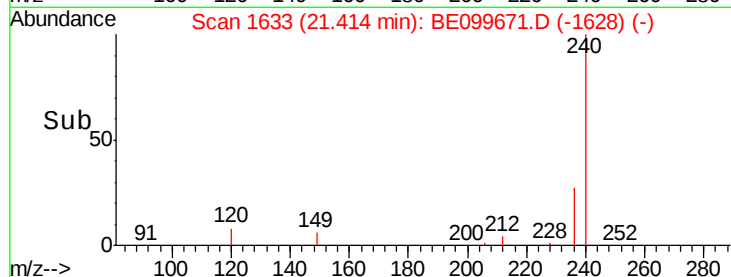
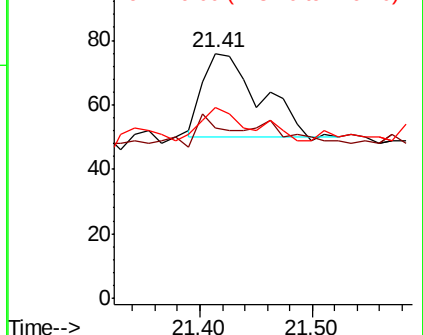
229 77.6 15.8 23.6#



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: 0.013 ng

RT: 21.32 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

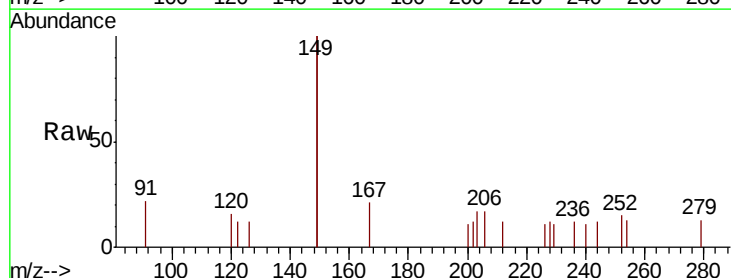
Tgt Ion: 149 Resp: 591

Ion Ratio Lower Upper

149 100

167 11.3 6.2 9.4#

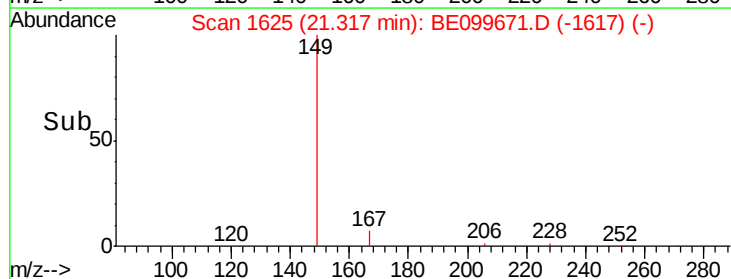
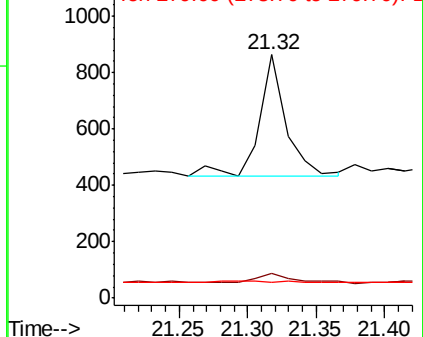
279 0.0 1.2 1.8#

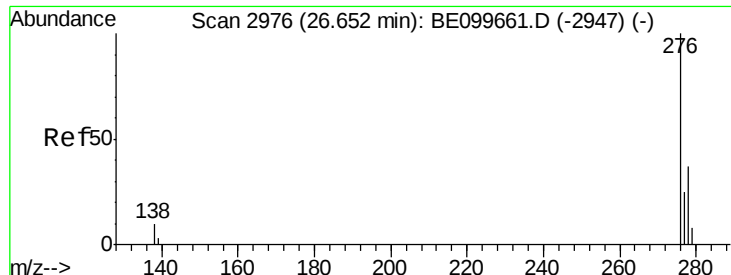


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.000 ng

RT: 26.65 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Instrument :

BNA_E

ClientSampleId :

PB119824BL

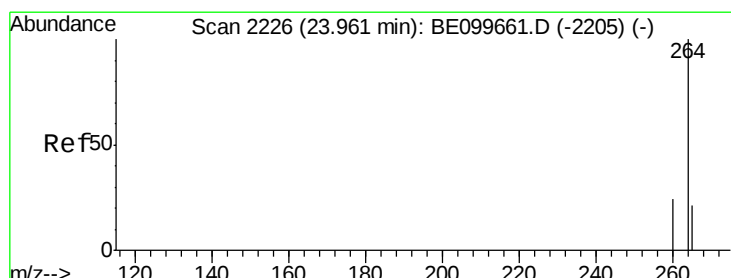
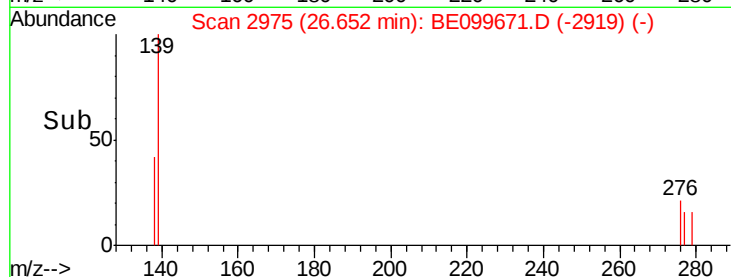
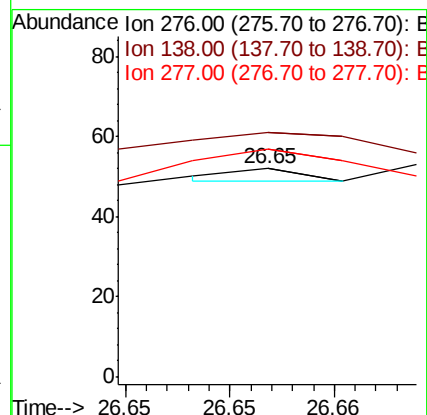
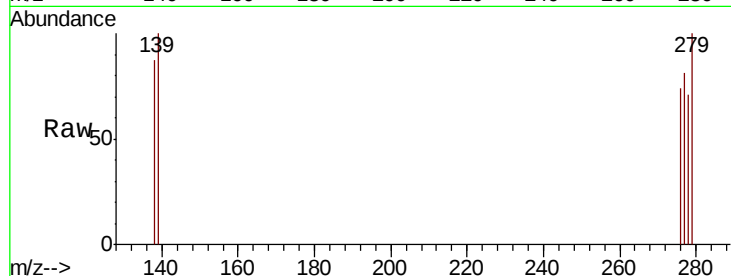
Tgt Ion: 276 Resp: 1

Ion Ratio Lower Upper

276 100

138 800.0 9.6 14.4#

277 400.0 19.2 28.8#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.97 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

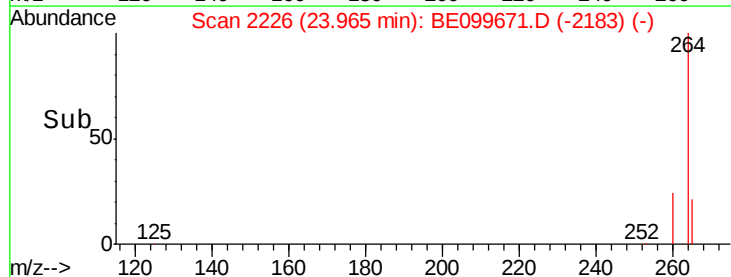
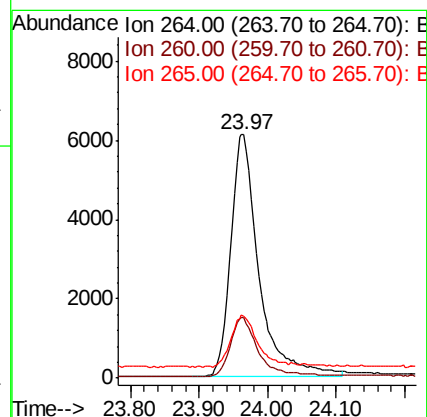
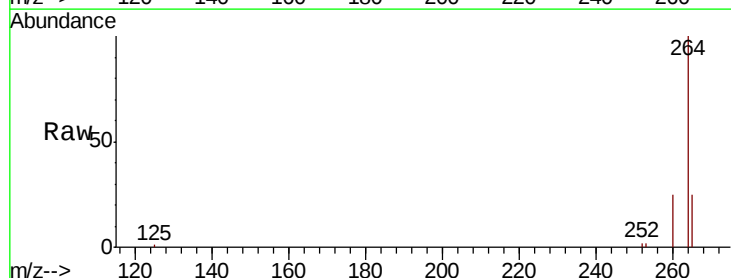
Tgt Ion: 264 Resp: 17368

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

265 25.4 19.1 28.7





#35

Benzo(b)fluoranthene

Concen: 0.001 ng

RT: 23.18 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

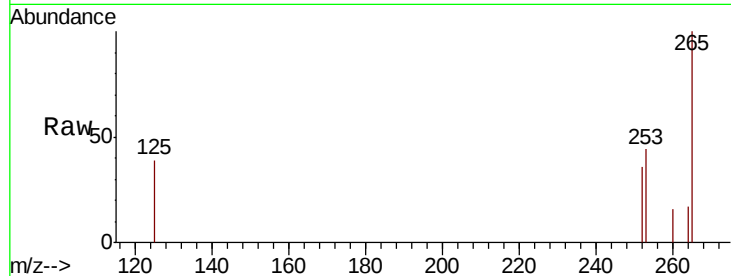
Instrument :

BNA_E

ClientSampleId :

PB119824BL

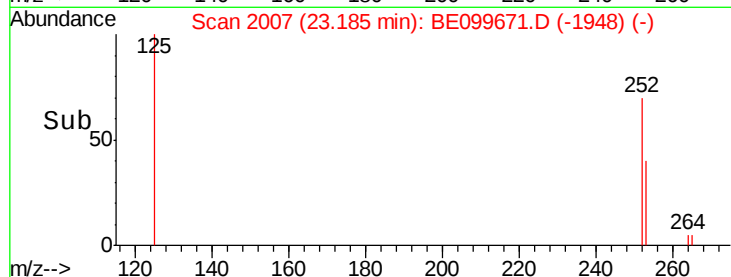
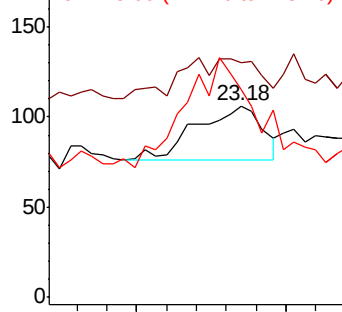
Tgt Ion:	252	Resp:	46
Ion	Ratio	Lower	Upper
252	100		
253	122.6	18.2	27.4#
125	108.5	4.5	6.7#



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: 0.001 ng

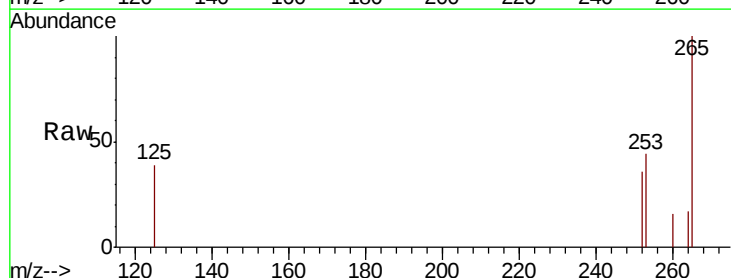
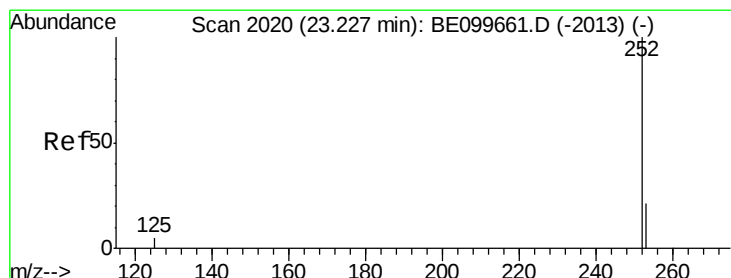
RT: 23.18 min Scan# 2007

Delta R.T. -0.04 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

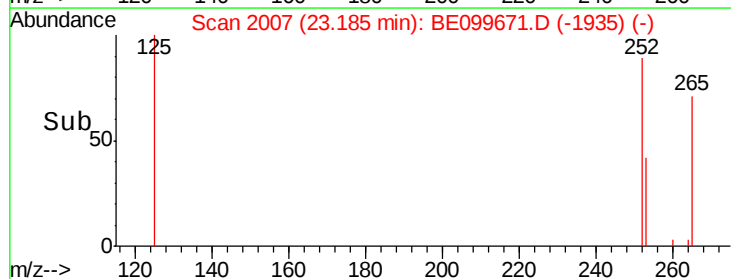
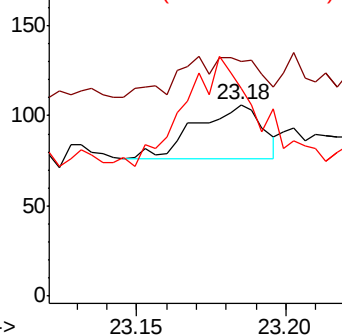
Tgt Ion:	252	Resp:	46
Ion	Ratio	Lower	Upper
252	100		
253	122.6	17.8	26.8#
125	108.5	4.6	6.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.001 ng

RT: 23.85 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Instrument :

BNA_E

ClientSampleId :

PB119824BL

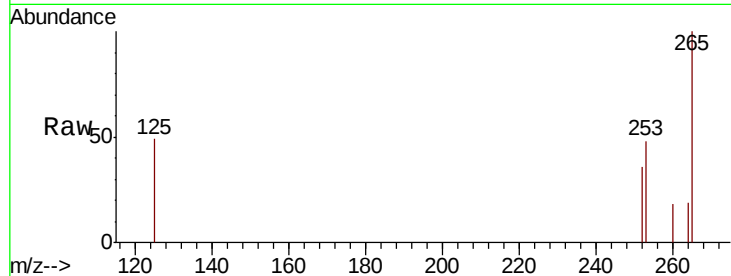
Tgt Ion: 252 Resp: 38

Ion Ratio Lower Upper

252 100

253 134.0 18.9 28.3#

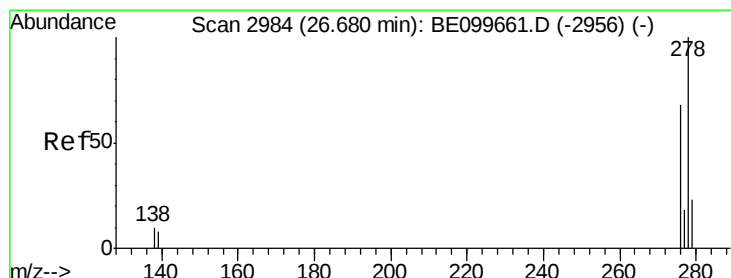
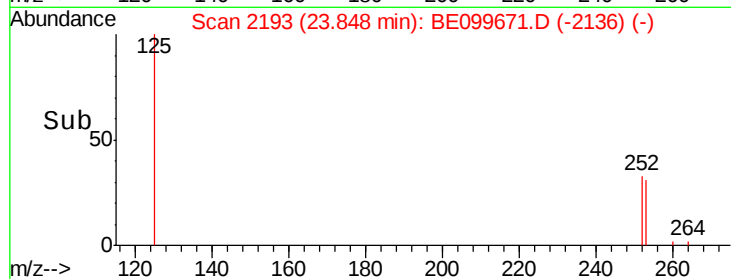
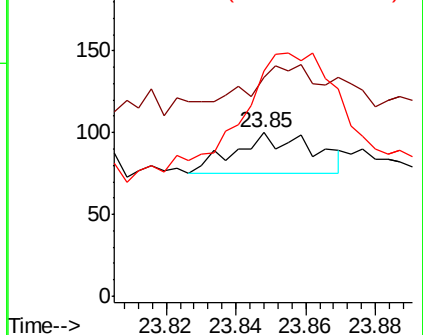
125 138.0 5.4 8.0#



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: 0.000 ng

RT: 26.69 min Scan# 2986

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

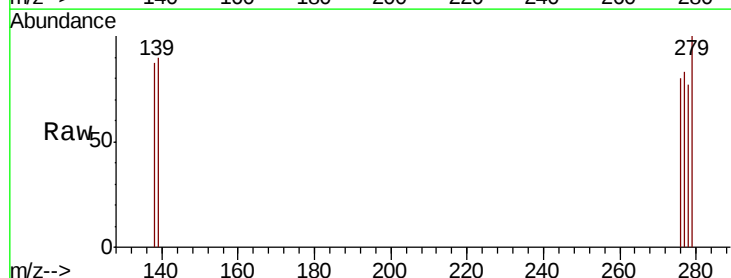
Tgt Ion: 278 Resp: 1

Ion Ratio Lower Upper

278 100

139 117.0 6.9 10.3#

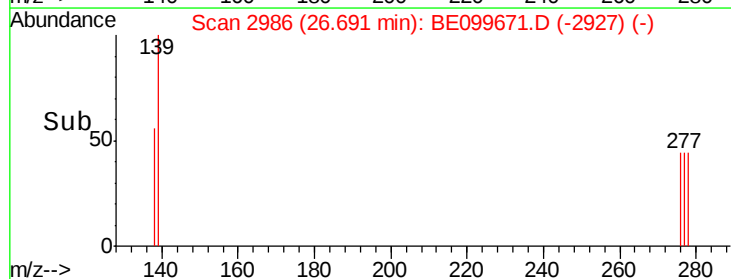
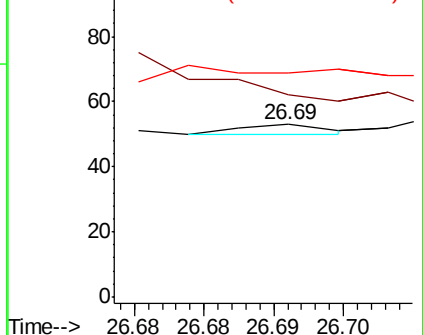
279 130.2 19.2 28.8#

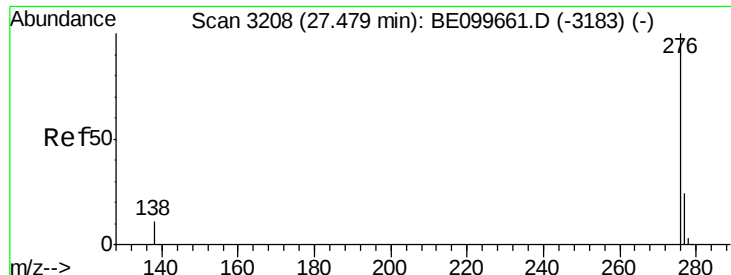


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.000 ng

RT: 27.49 min Scan# 3209

Delta R.T. 0.01 min

Lab File: BE099671.D

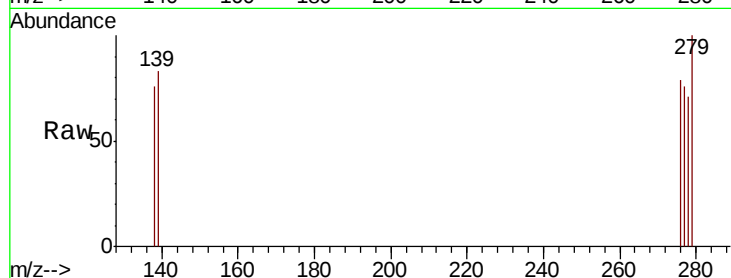
Acq: 20 May 2019 21:42

Instrument :

BNA_E

ClientSampleId :

PB119824BL



Tgt Ion: 276 Resp: 7

Ion Ratio Lower Upper

276 100

277 96.4 19.8 29.6#

138 96.4 9.2 13.8#

