

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
 Data File : BE099738.D
 Acq On : 24 May 2019 12:35
 Operator : JU/SJ
 Sample : PB120031BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120031BS

Quant Time: May 24 21:33:12 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	7.80	152	1573	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	5356	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	3456	0.40	ng	-0.02
19) Phenanthrene-d10	17.21	188	9973	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	16190	0.40	ng	-0.01
34) Perylene-d12	23.94	264	20925	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	1504	0.38	ng	0.00
5) Phenol-d6	6.96	99	1920	0.36	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1652	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	4256	0.46	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	679	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4576	0.35	ng	0.00
25) Fluoranthene-d10	19.25	212	44083	0.32	ng	-0.01
29) Terphenyl-d14	19.85	244	9581	0.33	ng	-0.02

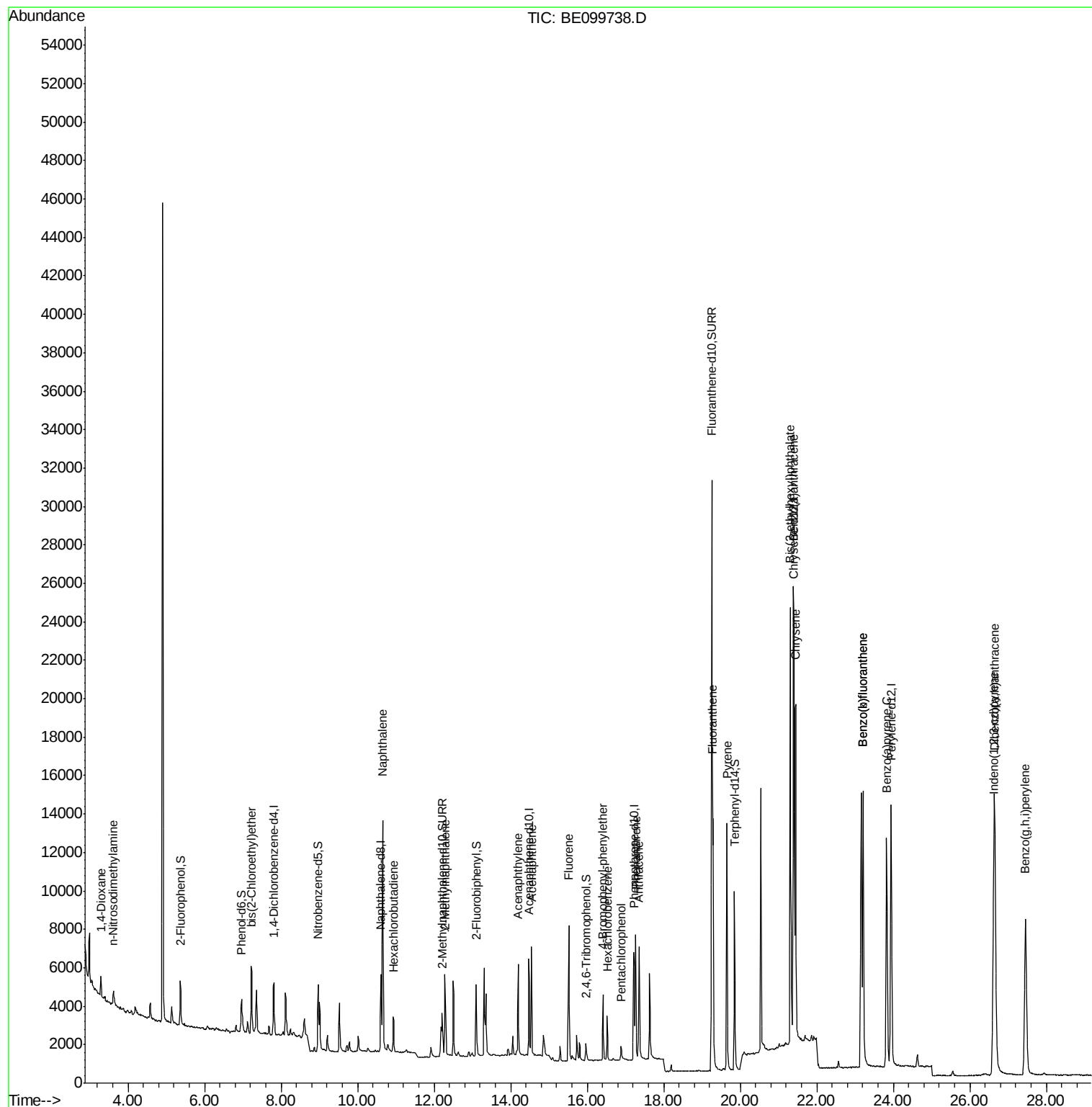
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	776	0.333	ng	# 47
3) n-Nitrosodimethylamine	3.61	42	480	0.373	ng	# 86
6) bis(2-Chloroethyl)ether	7.23	93	1602	0.342	ng	90
9) Naphthalene	10.65	128	20066	0.350	ng	100
10) Hexachlorobutadiene	10.93	225	1478	0.350	ng	97
12) 2-Methylnaphthalene	12.28	142	3237	0.347	ng	97
16) Acenaphthylene	14.20	152	5668	0.352	ng	99
17) Acenaphthene	14.54	154	3187	0.353	ng	98
18) Fluorene	15.51	166	4538	0.341	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1991	0.346	ng	95
21) Hexachlorobenzene	16.52	284	1997	0.339	ng	98
22) Pentachlorophenol	16.88	266	699	0.559	ng	92
23) Phenanthrene	17.27	178	8415	0.345	ng	99
24) Anthracene	17.35	178	7684	0.348	ng	98
26) Fluoranthene	19.28	202	12970	0.337	ng	100
28) Pyrene	19.65	202	13480	0.331	ng	99
30) Benzo(a)anthracene	21.39	228	19147	0.416	ng	100
31) Chrysene	21.45	228	19562	0.398	ng	97
32) Bis(2-ethylhexyl)phthalate	21.30	149	24188	0.456	ng	99
33) Indeno(1,2,3-cd)pyrene	26.62	276	26859	0.452	ng	99
35) Benzo(b)fluoranthene	23.21	252	22340	0.390	ng	100
36) Benzo(k)fluoranthene	23.21	252	22340	0.374	ng	99
37) Benzo(a)pyrene	23.83	252	21461	0.389	ng	# 98
38) Dibenzo(a,h)anthracene	26.66	278	22382	0.386	ng	98
39) Benzo(g,h,i)perylene	27.45	276	22262	0.380	ng	98

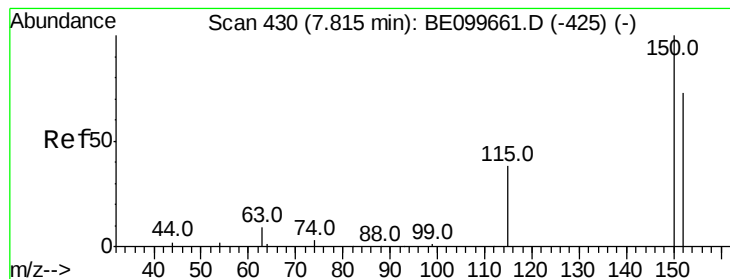
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB120031BS

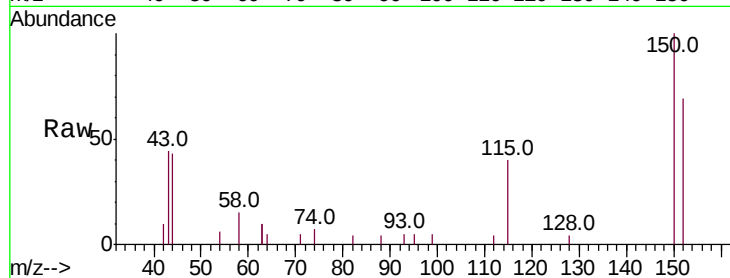
Tot Ion:152 Resp: 1573

Ion Ratio Lower Upper

152 100

150 144.4 109.2 163.8

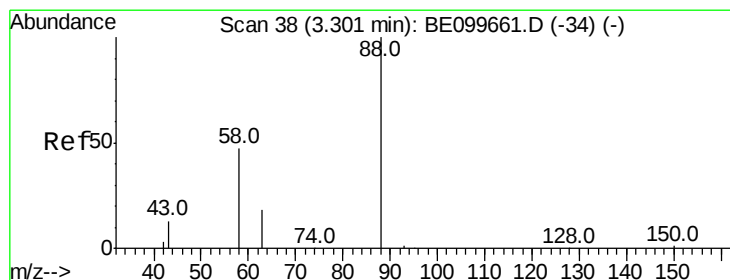
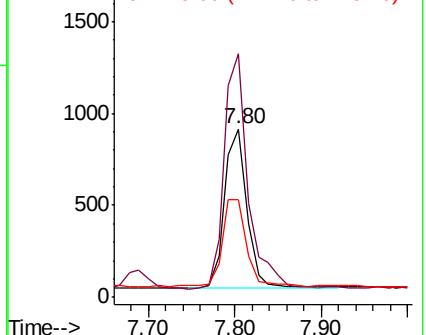
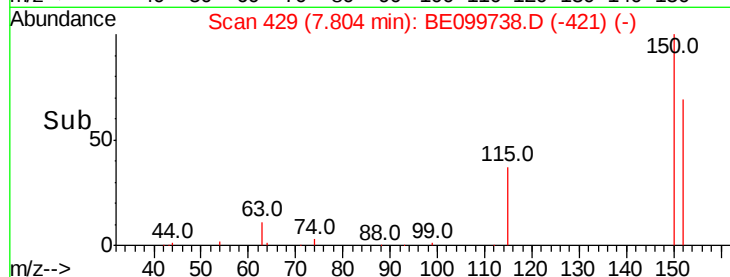
115 57.7 43.7 65.5



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: 0.333 ng

RT: 3.29 min Scan# 37

Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

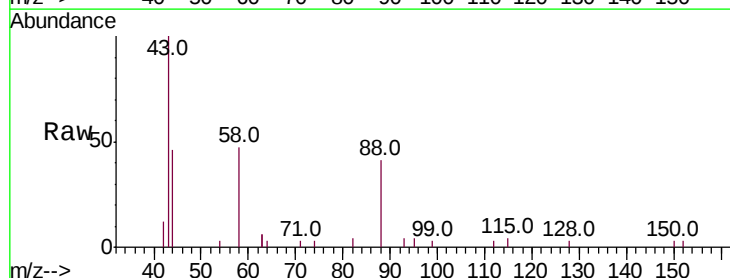
Tgt Ion: 88 Resp: 776

Ion Ratio Lower Upper

88 100

58 75.8 41.8 62.8#

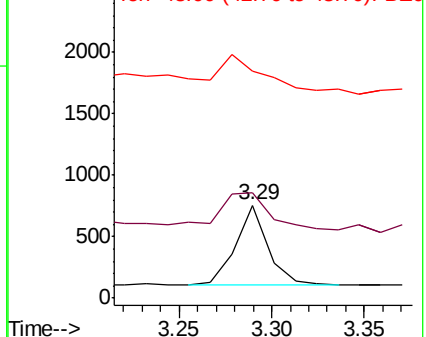
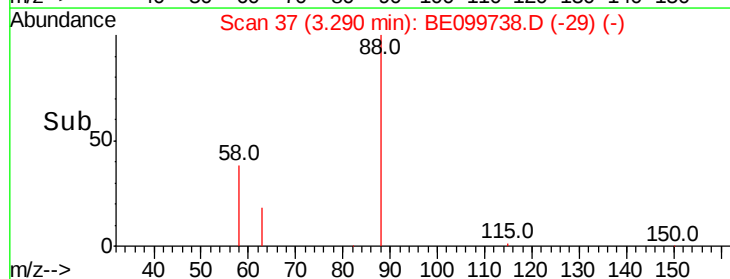
43 67.5 15.0 22.4#



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: 0.373 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.02 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Instrument :

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ClientSampleId :

PB120031BS

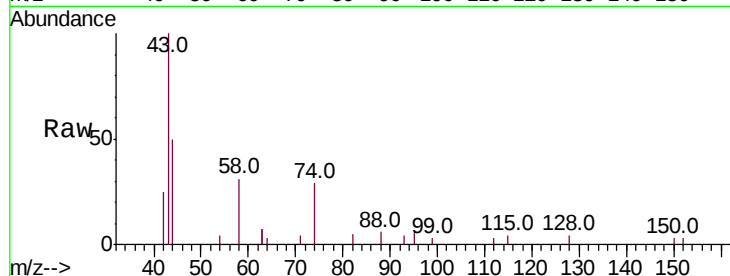
Tot Ion: 42 Resp: 480

Ion Ratio Lower Upper

42 100

74 180.6 129.2 193.8

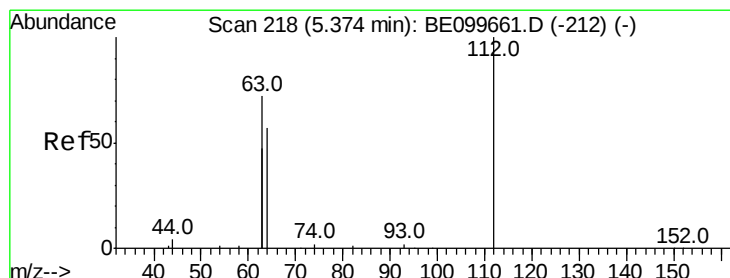
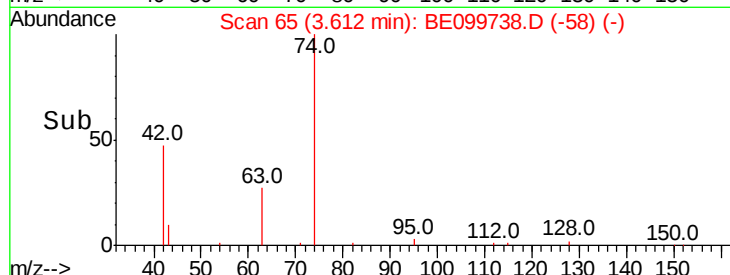
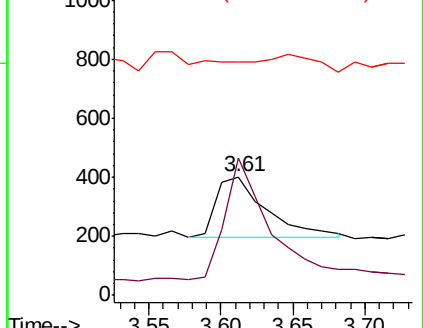
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.378 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

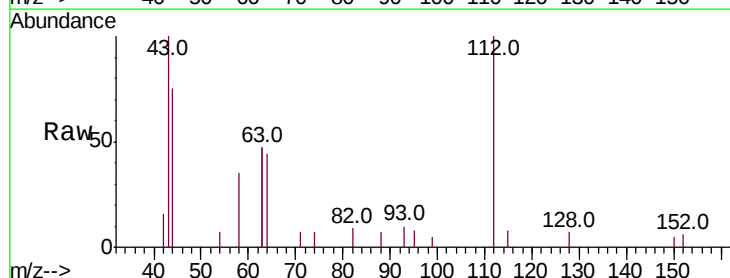
Tgt Ion: 112 Resp: 1504

Ion Ratio Lower Upper

112 100

64 54.5 43.4 65.2

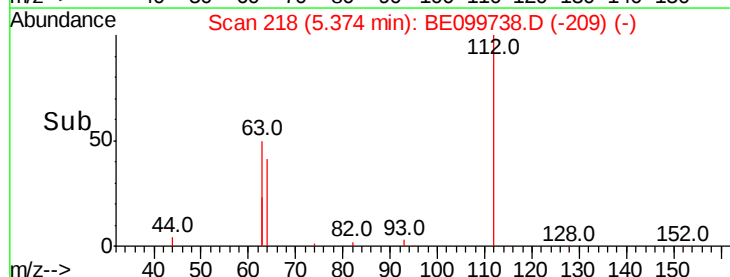
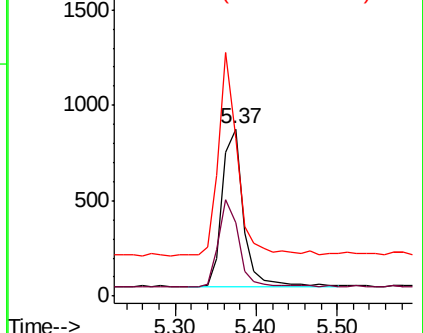
63 116.2 96.9 145.3

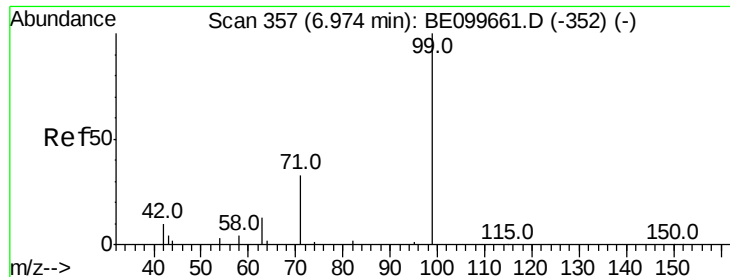


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.365 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Instrument :

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PB120031BS

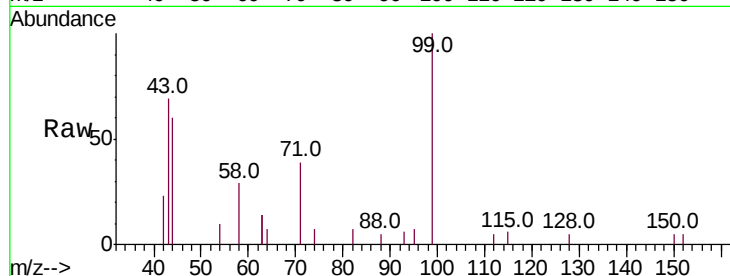
Tot Ion: 99 Resp: 1920

Ion Ratio Lower Upper

99 100

42 20.4 12.2 18.2#

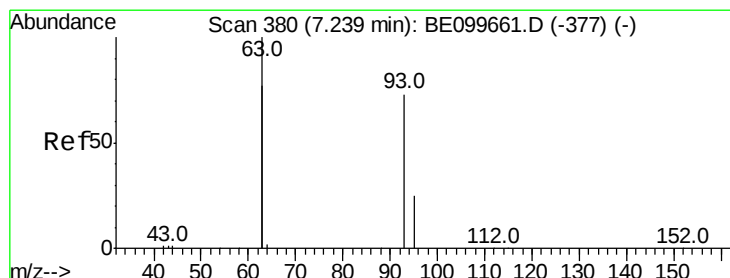
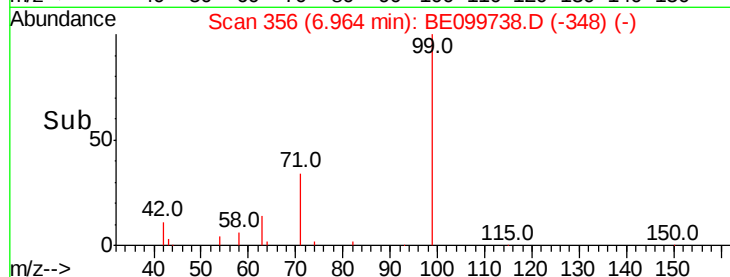
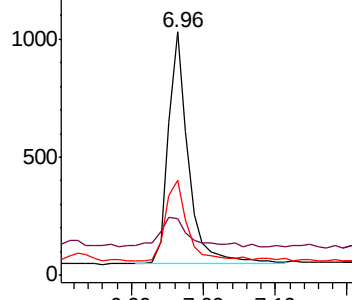
71 37.3 28.9 43.3



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: 0.342 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

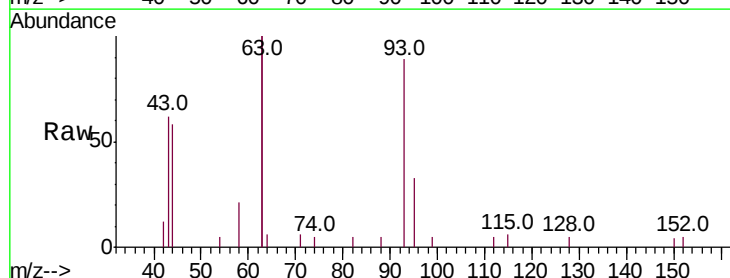
Tgt Ion: 93 Resp: 1602

Ion Ratio Lower Upper

93 100

63 278.8 207.8 311.6

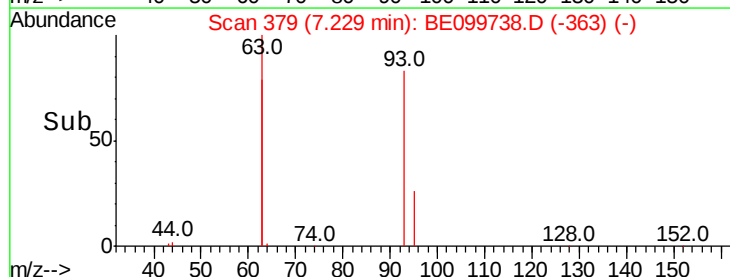
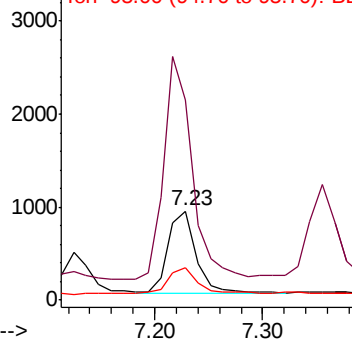
95 36.2 25.9 38.9

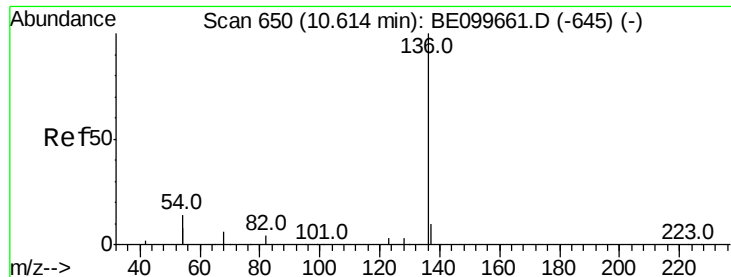


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB120031BS

Tot Ion:136 Resp: 5356

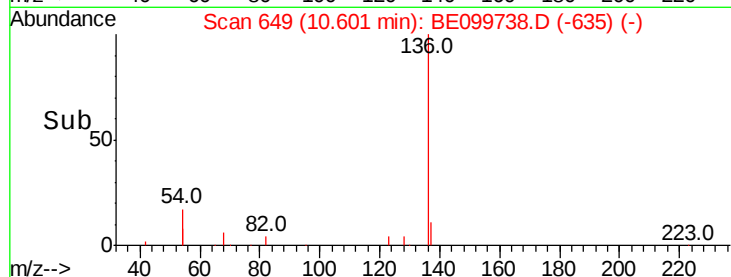
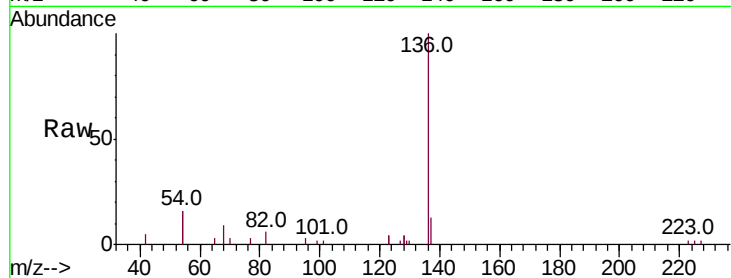
Ion Ratio Lower Upper

136 100

137 13.0 9.0 13.6

54 32.9 22.3 33.5

68 8.7 6.0 9.0

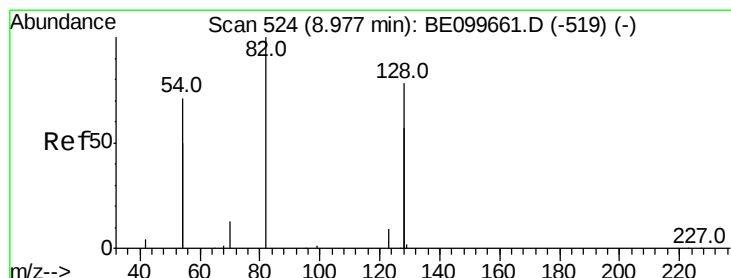
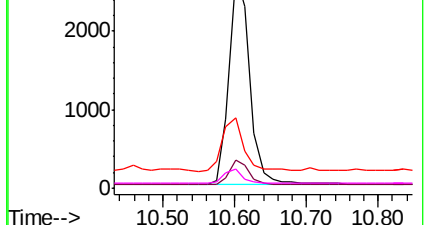


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.356 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

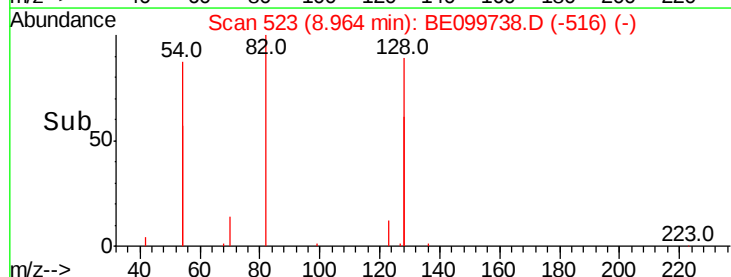
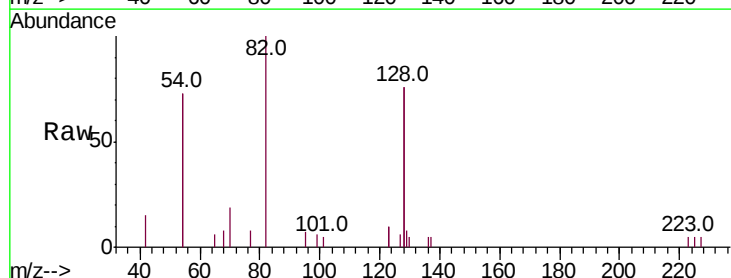
Tgt Ion: 82 Resp: 1652

Ion Ratio Lower Upper

82 100

128 151.1 117.7 176.5

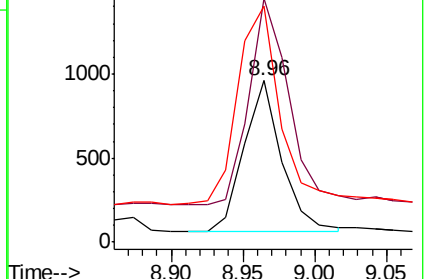
54 146.6 106.6 160.0

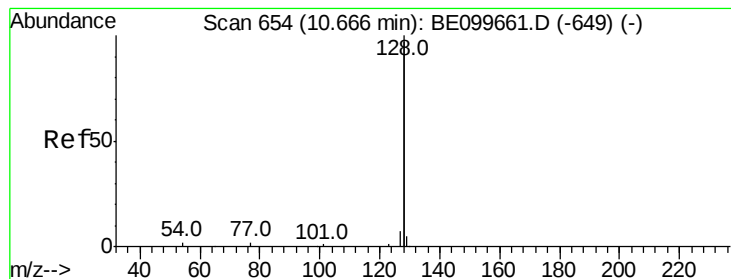


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.350 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB120031BS

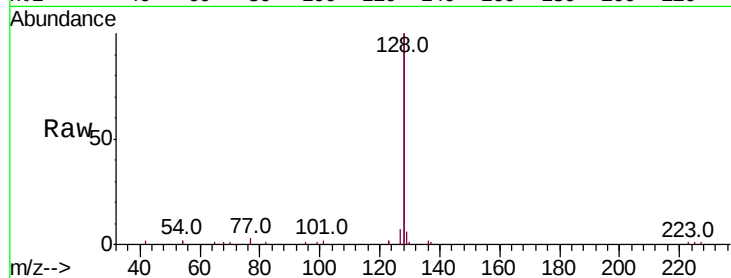
Tot Ion:128 Resp: 20066

Ion Ratio Lower Upper

128 100

129 3.1 2.4 3.6

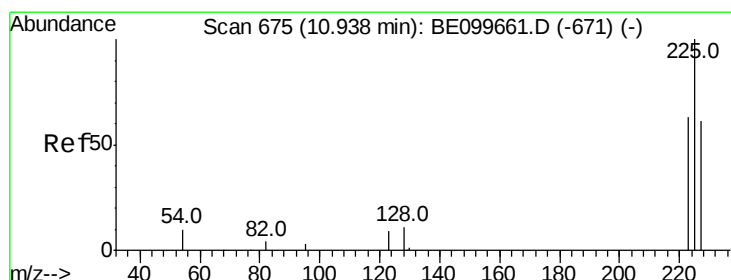
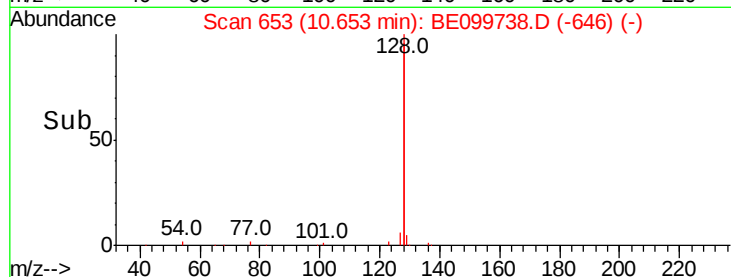
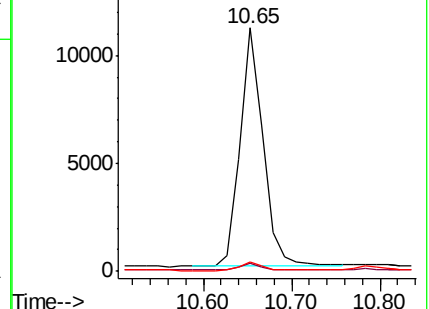
127 3.6 2.9 4.3



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: 0.350 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

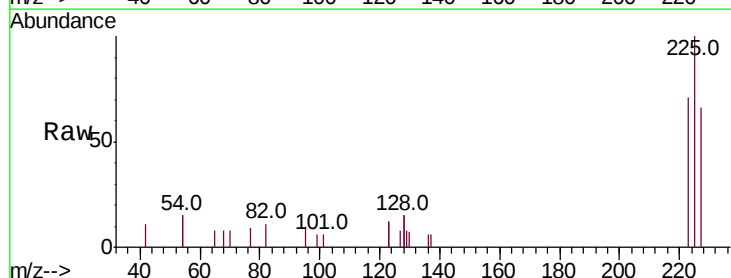
Tgt Ion:225 Resp: 1478

Ion Ratio Lower Upper

225 100

223 64.6 51.8 77.6

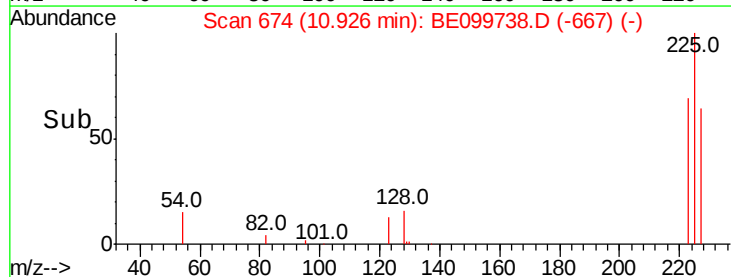
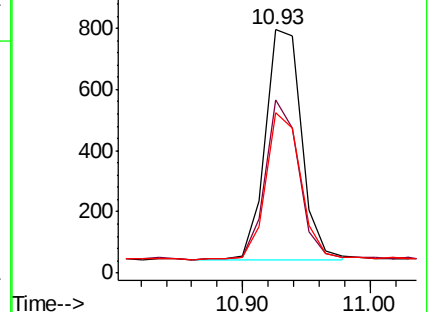
227 61.0 52.6 79.0

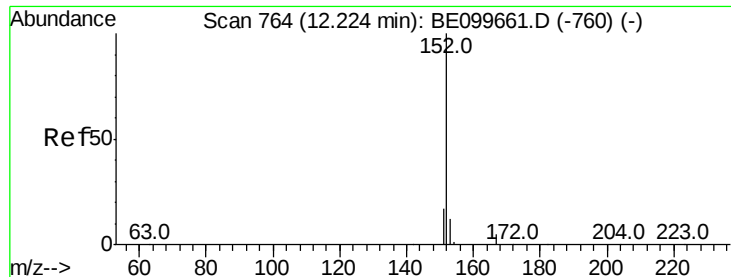


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

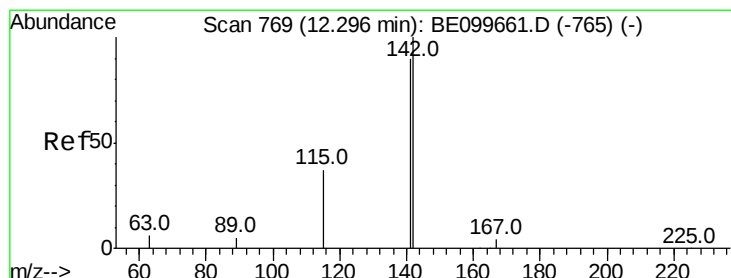
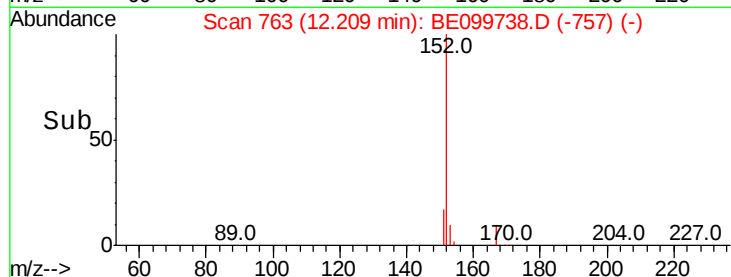
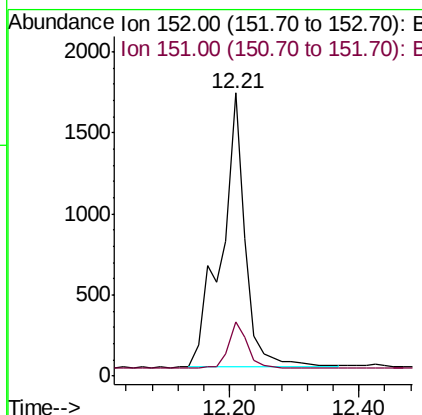
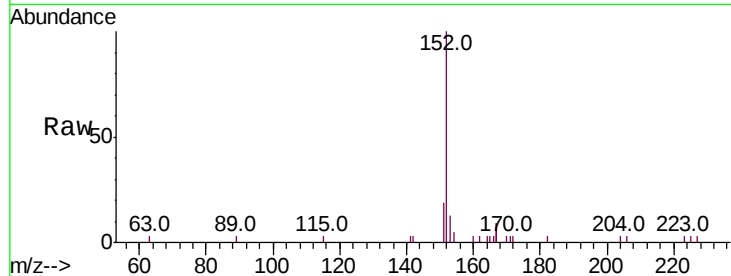




#11
 2-Methylnaphthalene-d10
 Concen: 0.460 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.02 min
 Lab File: BE099738.D
 Acq: 24 May 2019 12:35

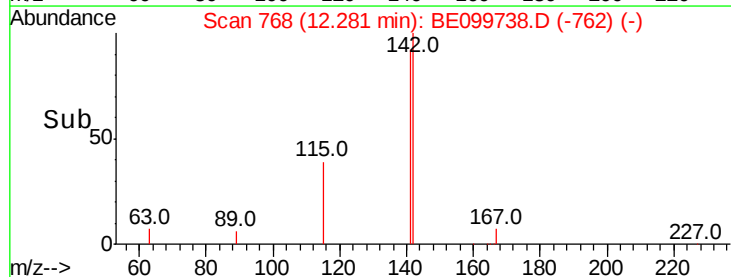
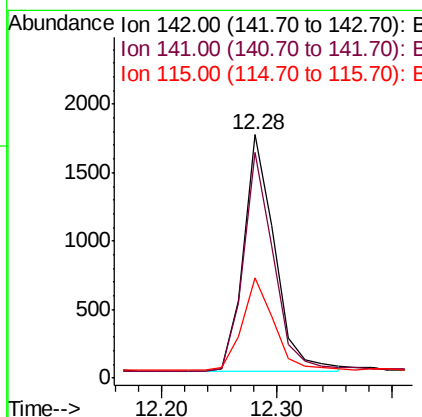
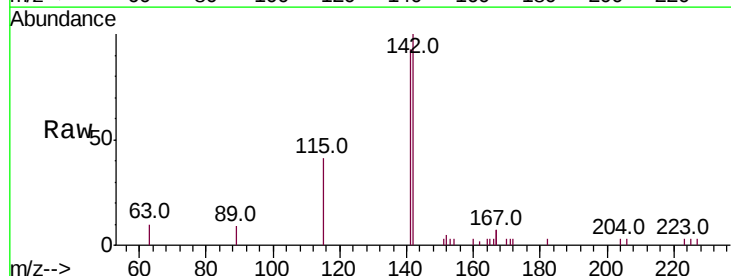
Instrument :
 BNA_E
 ClientSampleId :
 PB120031BS

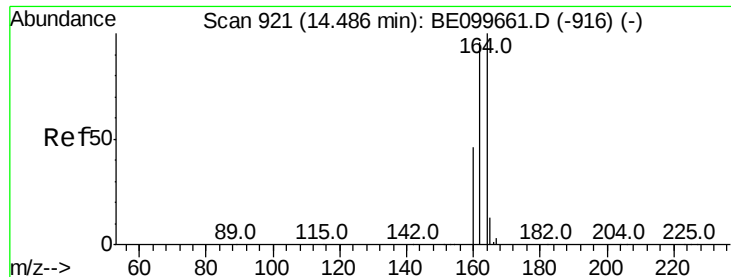
Tot Ion:152 Resp: 4256
 Ion Ratio Lower Upper
 152 100
 151 13.7 15.0 22.4#



#12
 2-Methylnaphthalene
 Concen: 0.347 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BE099738.D
 Acq: 24 May 2019 12:35

Tgt Ion:142 Resp: 3237
 Ion Ratio Lower Upper
 142 100
 141 92.5 72.0 108.0
 115 41.2 31.0 46.4

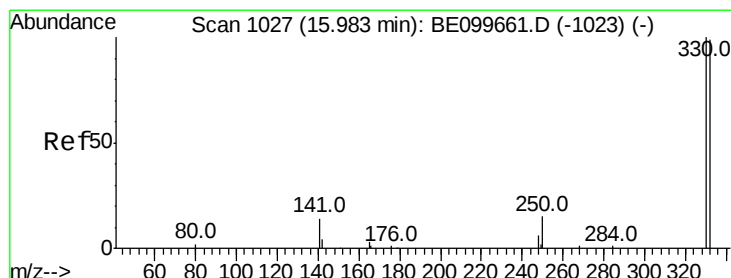
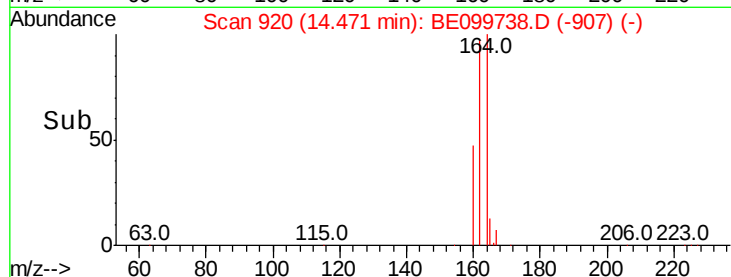
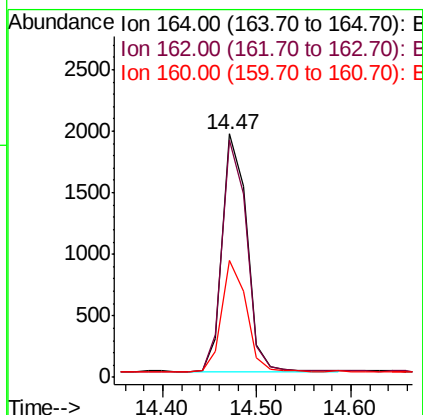
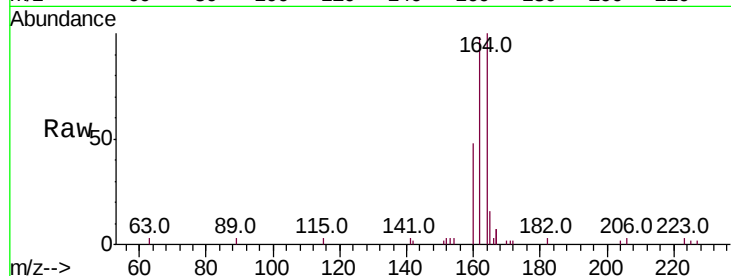




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BE099738.D
 Acq: 24 May 2019 12:35

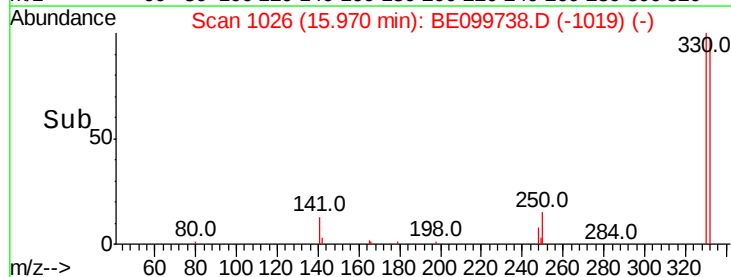
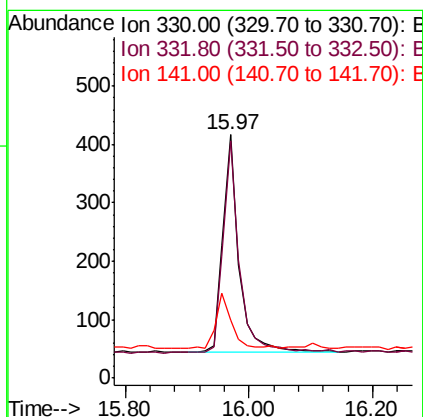
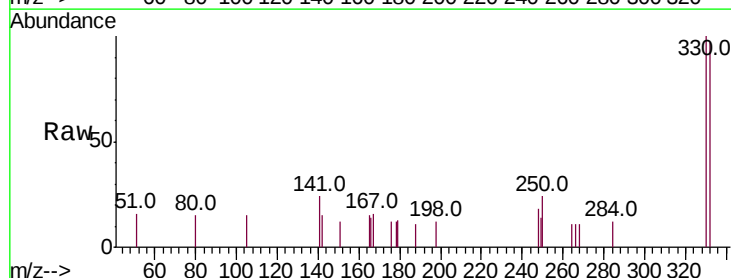
Instrument :
 BNA_E
 ClientSampleId :
 PB120031BS

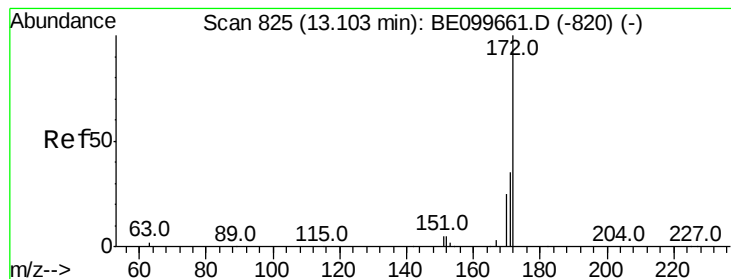
Tot Ion:164 Resp: 3456
 Ion Ratio Lower Upper
 164 100
 162 97.7 76.5 114.7
 160 47.9 37.4 56.2



#14
 2,4,6-Tribromophenol
 Concen: 0.390 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099738.D
 Acq: 24 May 2019 12:35

Tgt Ion:330 Resp: 679
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.3 115.9
 141 23.1 18.9 28.3





#15

2-Fluorobiphenyl

Concen: 0.349 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB120031BS

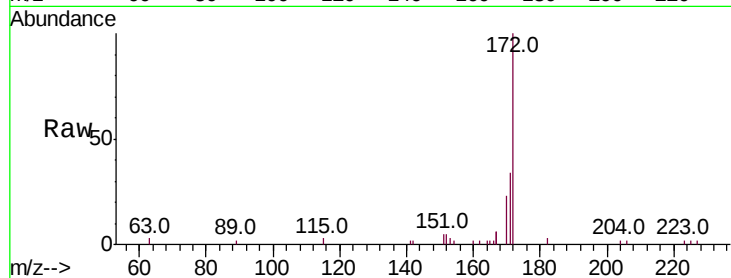
Tot Ion:172 Resp: 4576

Ion Ratio Lower Upper

172 100

171 34.0 28.7 43.1

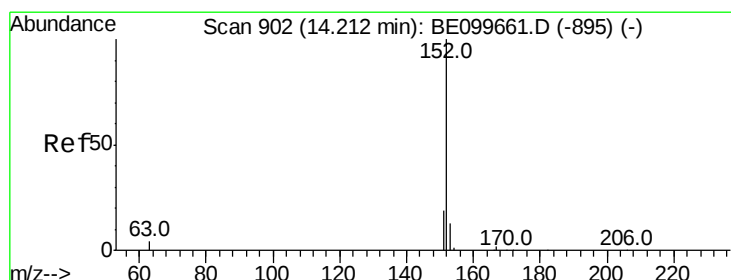
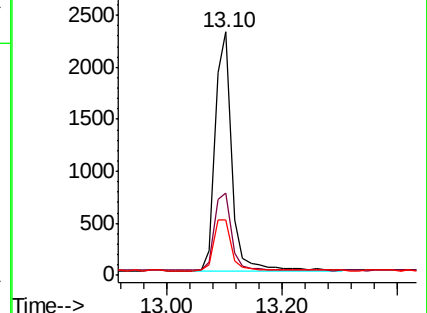
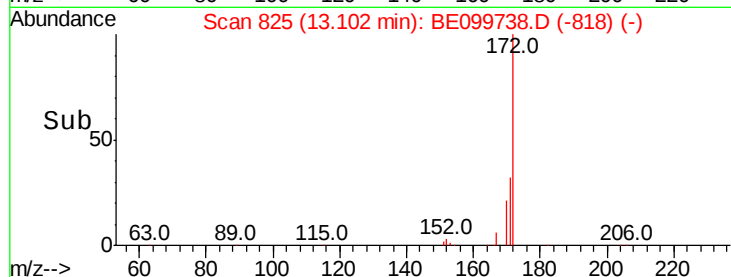
170 22.6 20.9 31.3



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: 0.352 ng

RT: 14.20 min Scan# 901

Delta R.T. -0.02 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

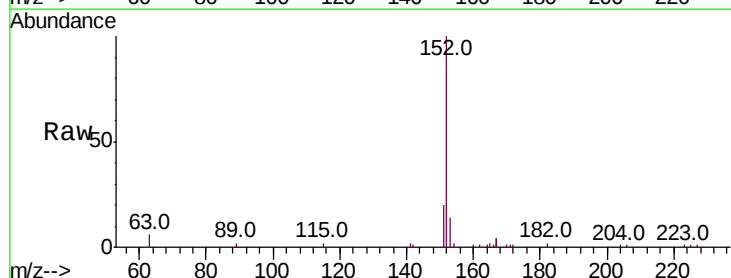
Tgt Ion:152 Resp: 5668

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

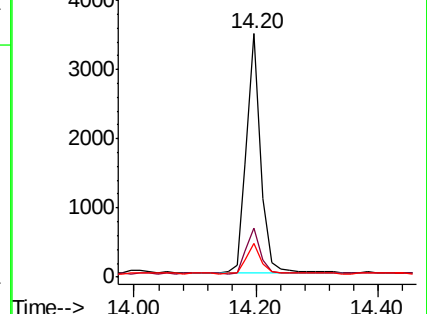
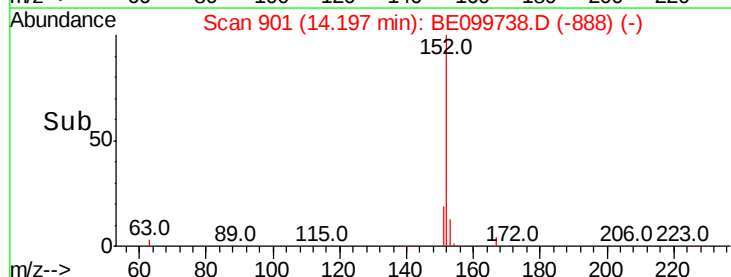
153 12.9 10.6 16.0

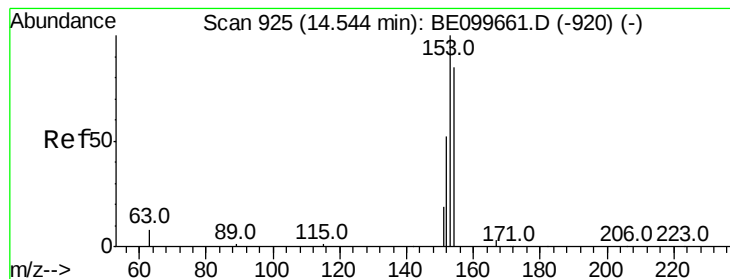


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.353 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Instrument :

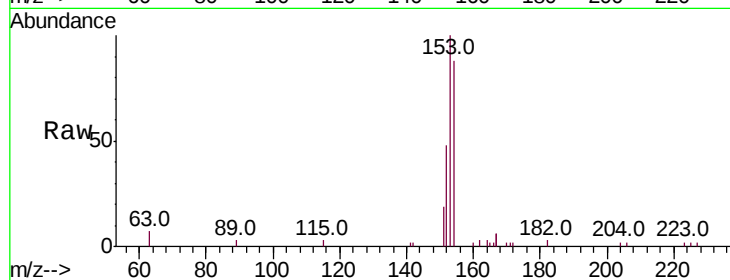
BNA_E

ClientSampleId :

PB120031BS

Tot Ion:154 Resp: 3187

Ion	Ratio	Lower	Upper
154	100		
153	116.8	91.8	137.6
152	56.9	46.0	69.0

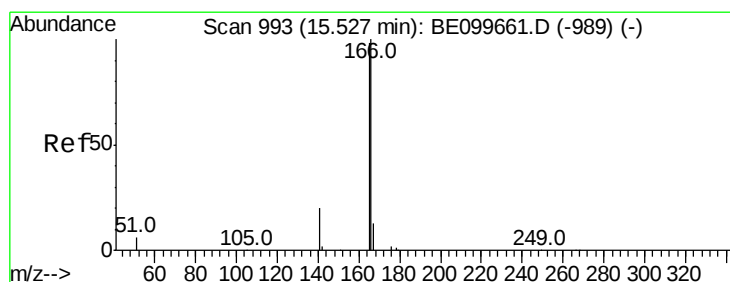
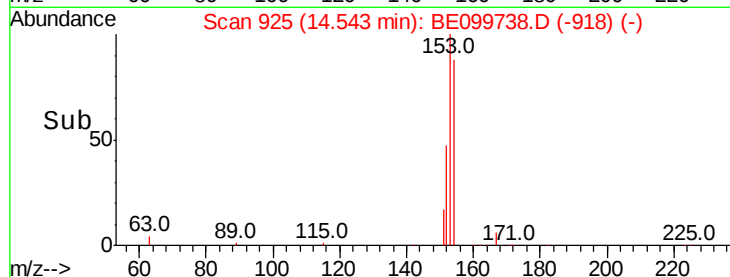
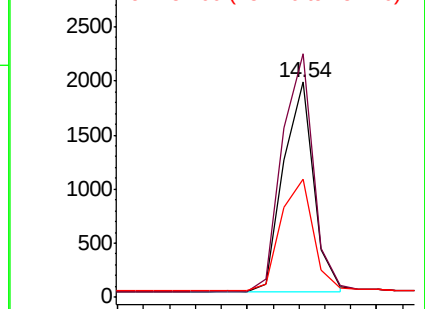


Abundance

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: 0.341 ng

RT: 15.51 min Scan# 992

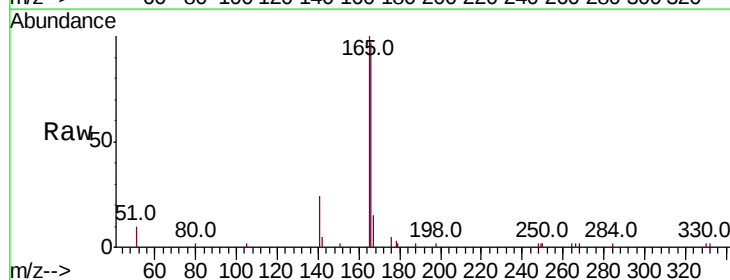
Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Tgt Ion:166 Resp: 4538

Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.3	120.5
167	14.2	10.6	16.0

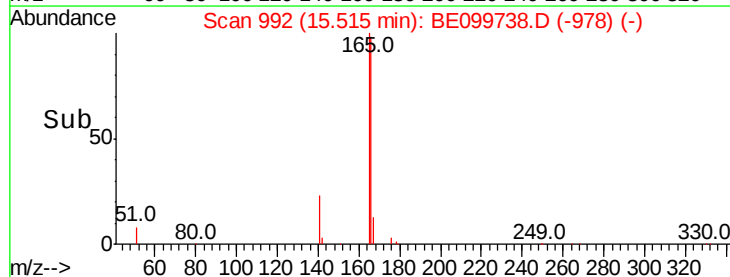
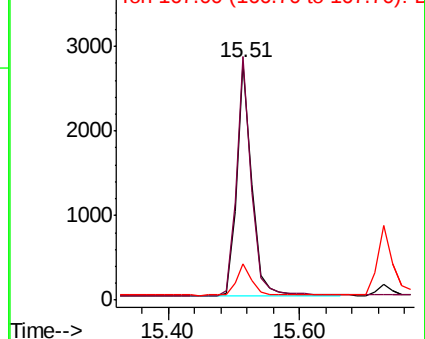


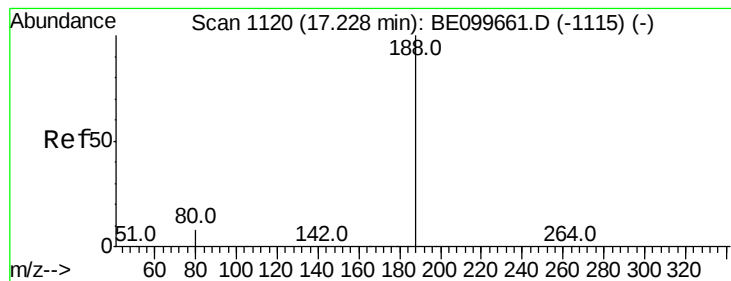
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB120031BS

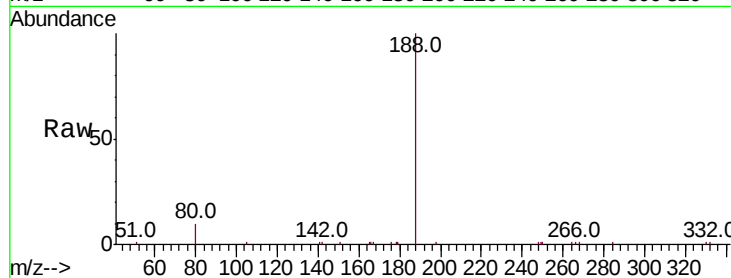
Tot Ion:188 Resp: 9973

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

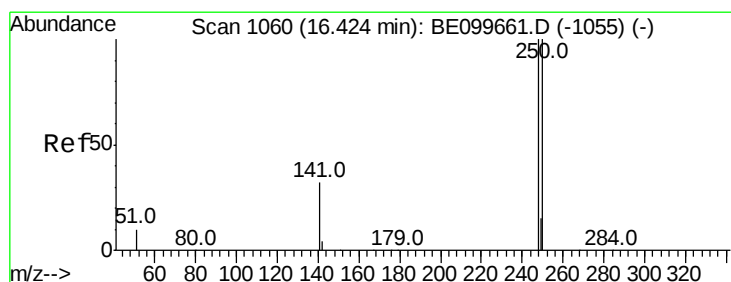
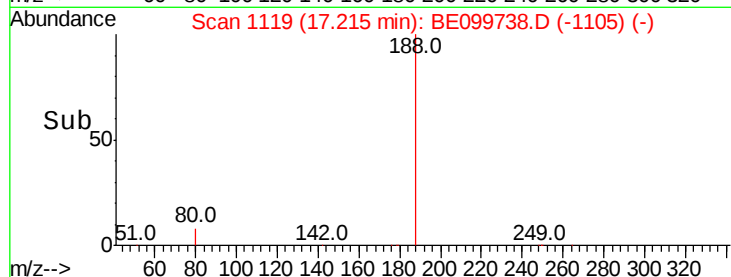
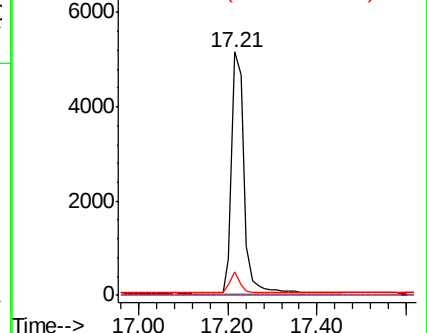
80 9.6 6.7 10.1



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: 0.346 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

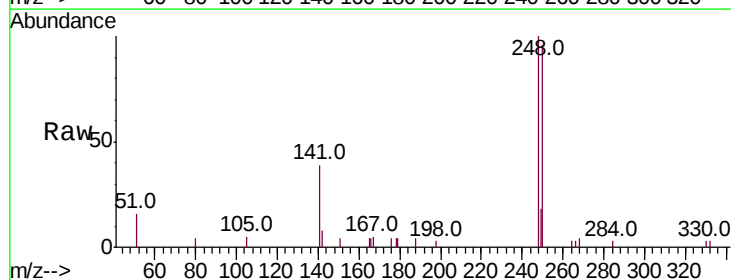
Tgt Ion:248 Resp: 1991

Ion Ratio Lower Upper

248 100

250 96.1 79.8 119.8

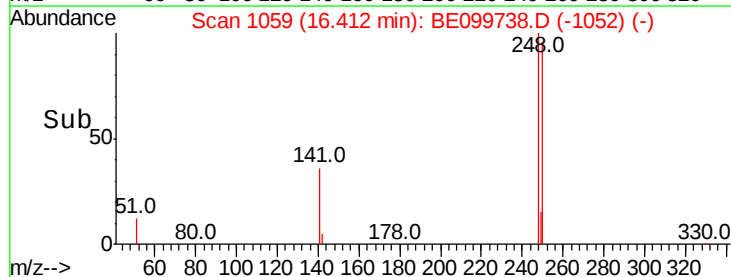
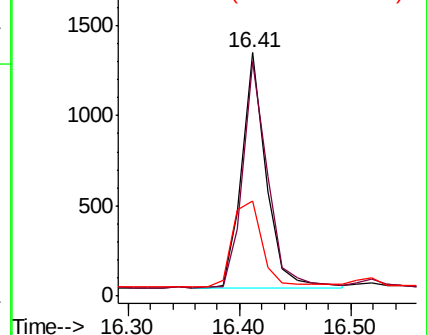
141 39.2 27.0 40.6

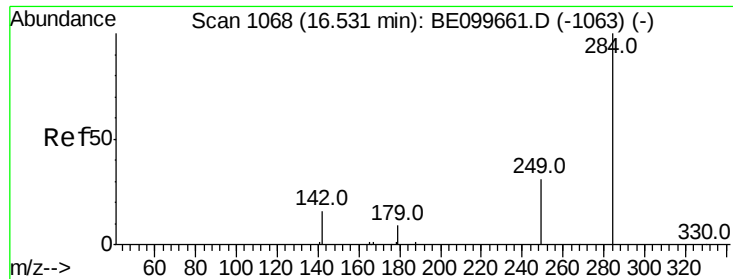


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.339 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB120031BS

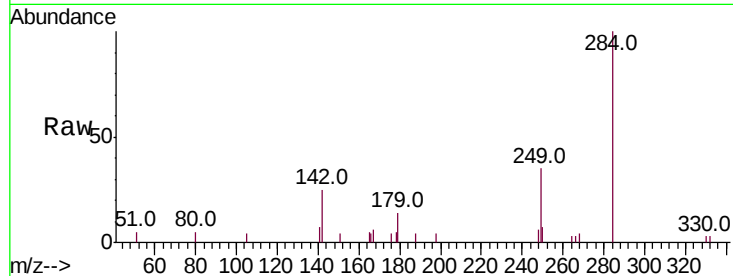
Tot Ion:284 Resp: 1997

Ion Ratio Lower Upper

284 100

142 24.4 17.8 26.6

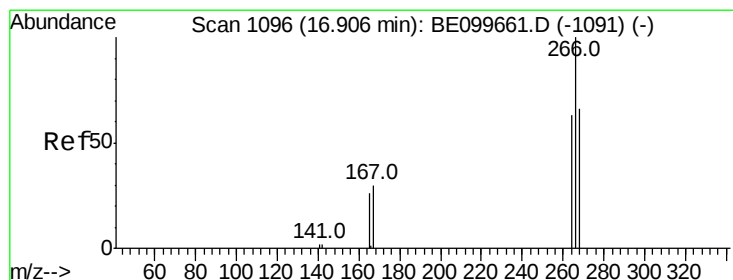
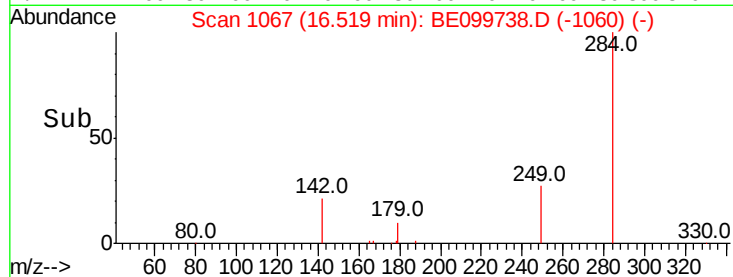
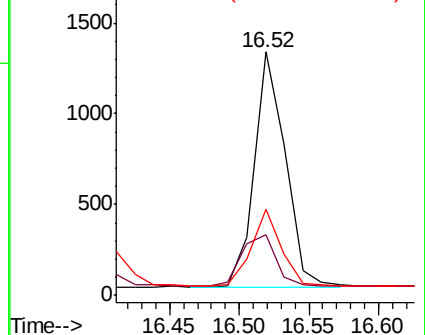
249 30.8 24.8 37.2



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: 0.559 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

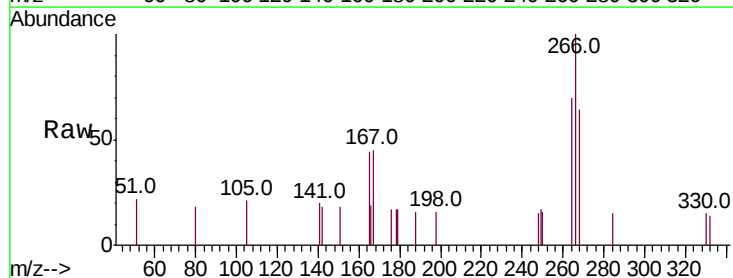
Tgt Ion:266 Resp: 699

Ion Ratio Lower Upper

266 100

264 69.8 57.2 85.8

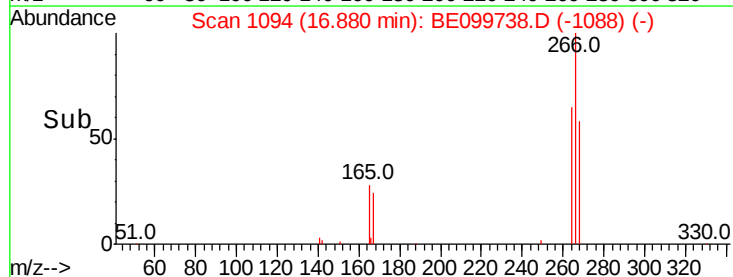
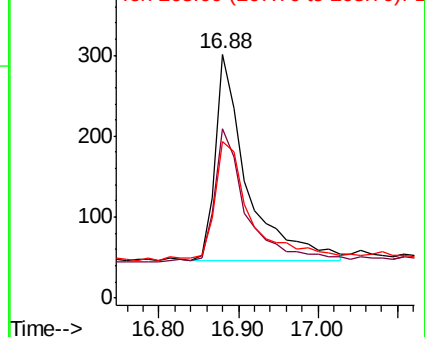
268 64.5 60.5 90.7

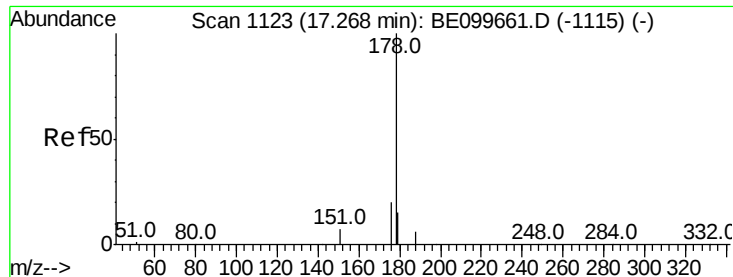


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.345 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB120031BS

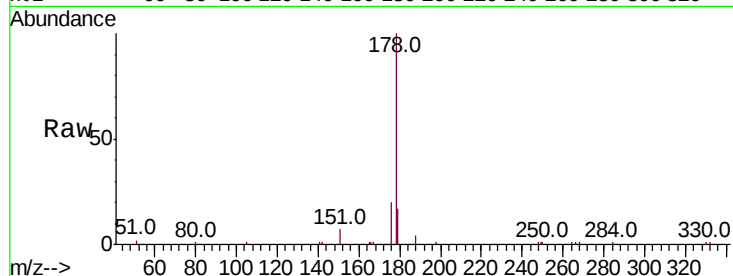
Tot Ion:178 Resp: 8415

Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

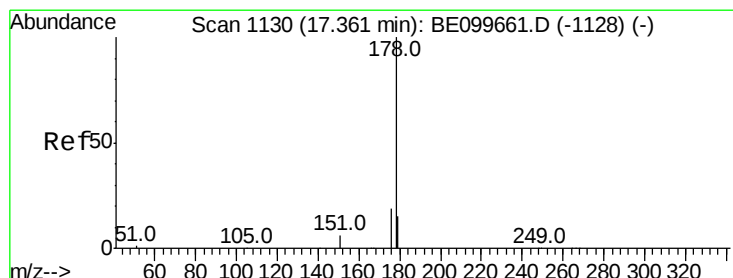
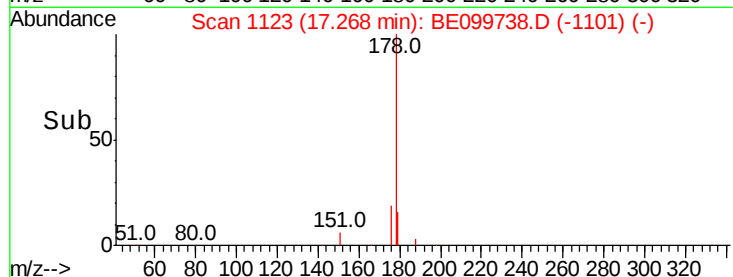
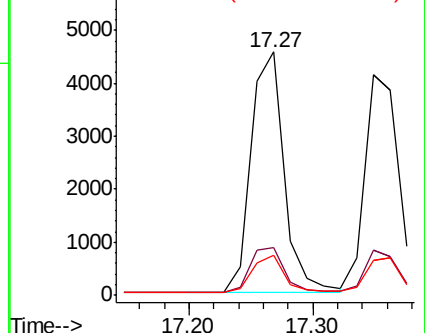
179 15.3 12.2 18.4



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: 0.348 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

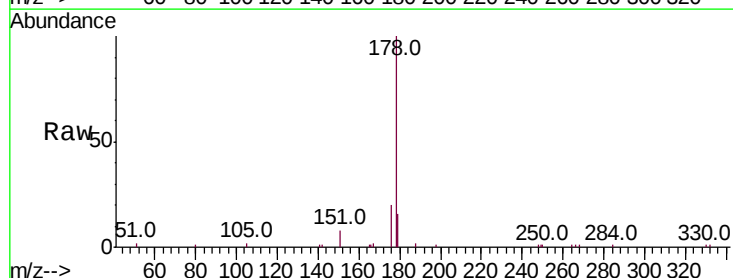
Tgt Ion:178 Resp: 7684

Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

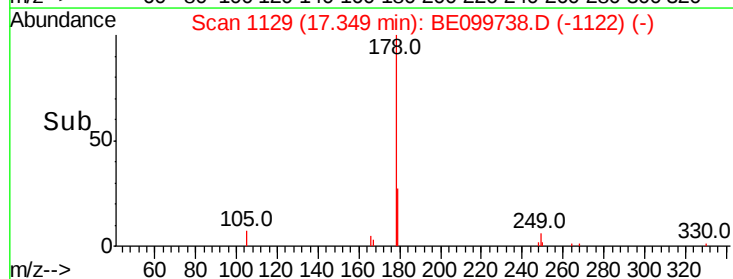
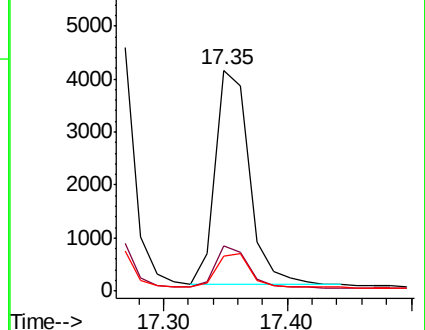
179 15.9 12.0 18.0

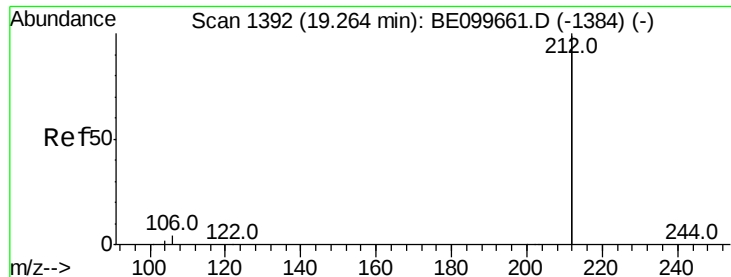


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.323 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB120031BS

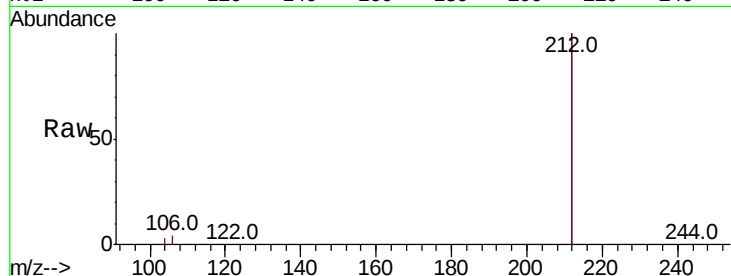
Tot Ion:212 Resp: 44083

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

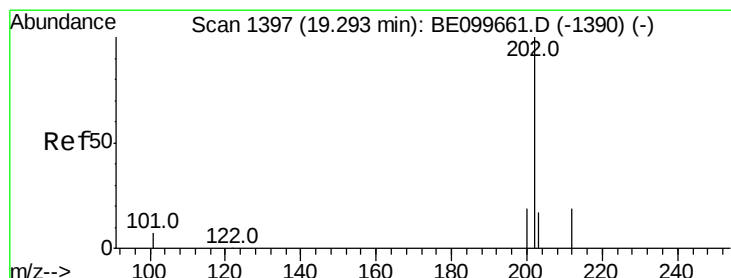
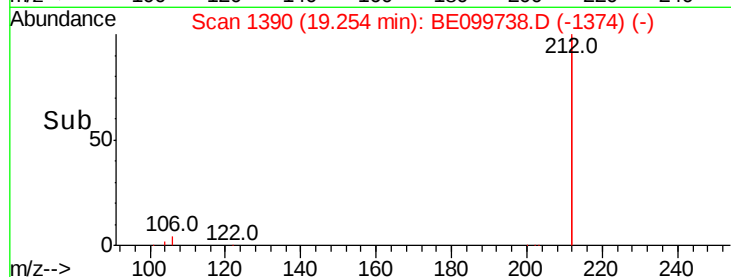
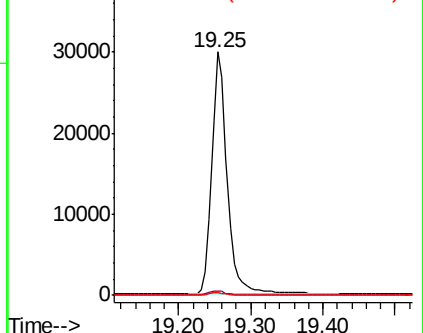
104 1.1 0.8 1.2



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: 0.337 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

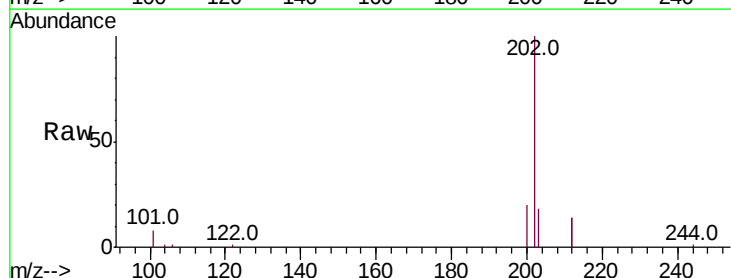
Tgt Ion:202 Resp: 12970

Ion Ratio Lower Upper

202 100

101 6.6 5.2 7.8

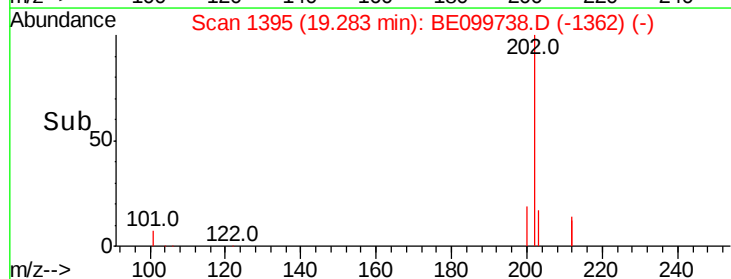
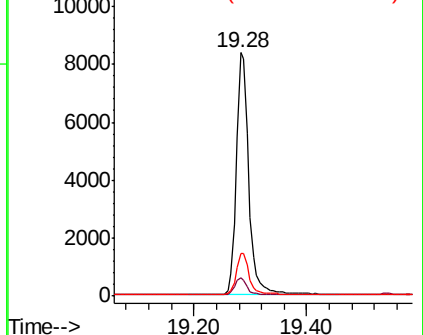
203 17.0 13.8 20.6

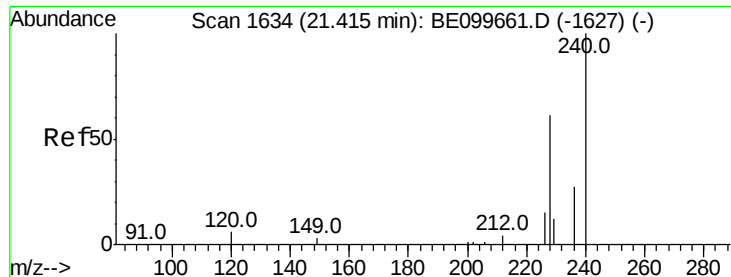


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.40 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB120031BS

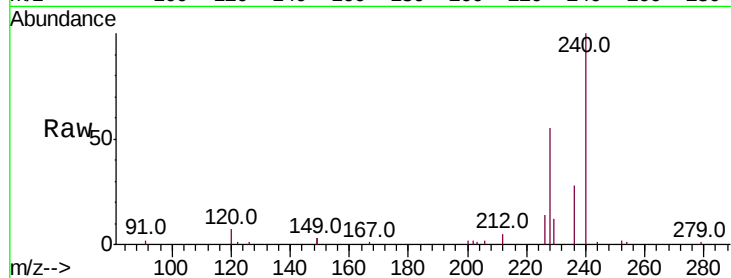
Tot Ion:240 Resp: 16190

Ion Ratio Lower Upper

240 100

120 6.6 5.4 8.0

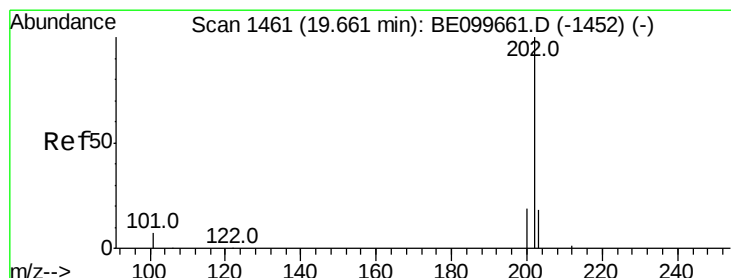
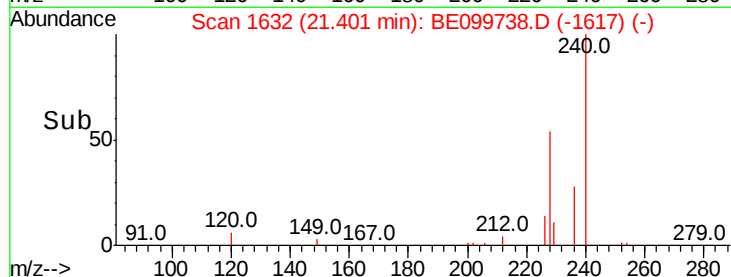
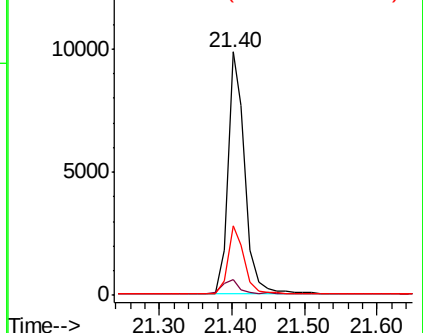
236 28.5 21.7 32.5



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: 0.331 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

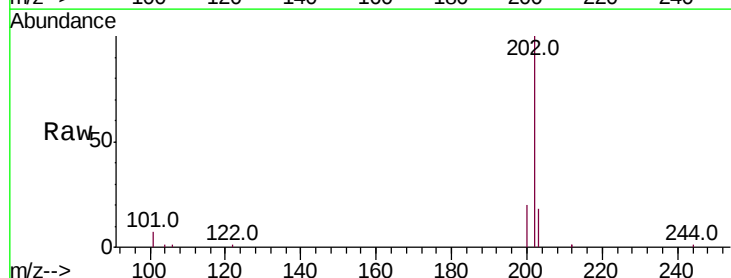
Tgt Ion:202 Resp: 13480

Ion Ratio Lower Upper

202 100

200 19.5 15.4 23.2

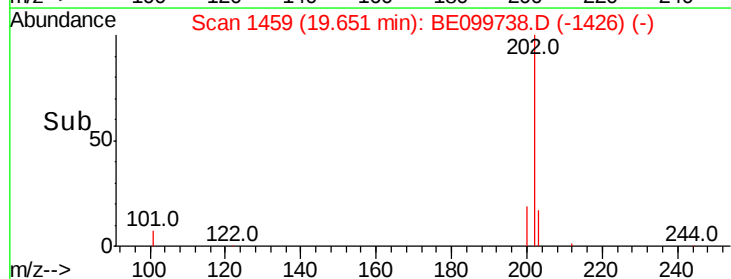
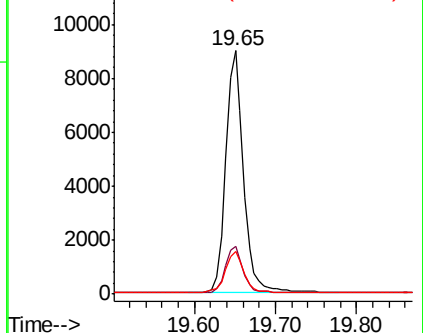
203 17.7 13.8 20.8

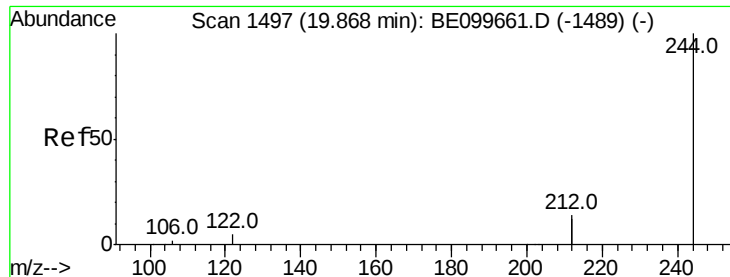


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.332 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB120031BS

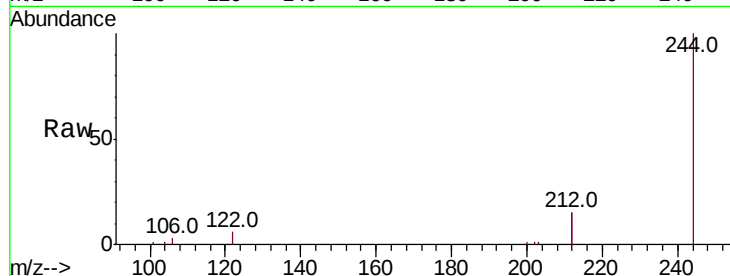
Tot Ion:244 Resp: 9581

Ion Ratio Lower Upper

244 100

212 29.7 22.5 33.7

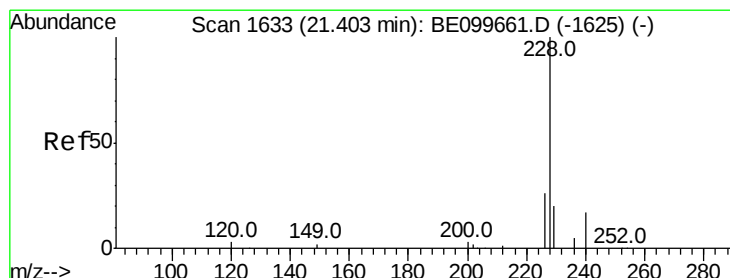
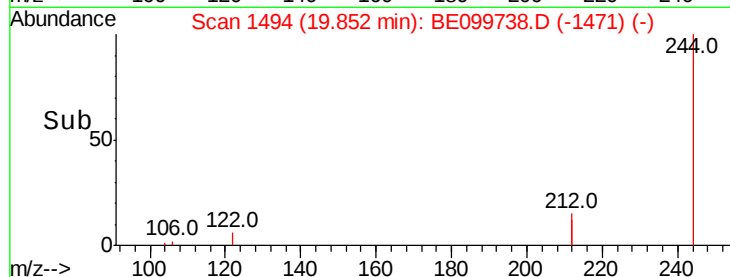
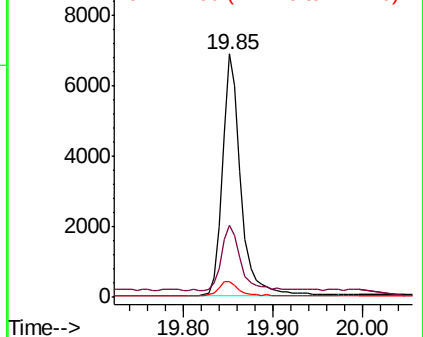
122 6.5 4.3 6.5#



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: 0.416 ng

RT: 21.39 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

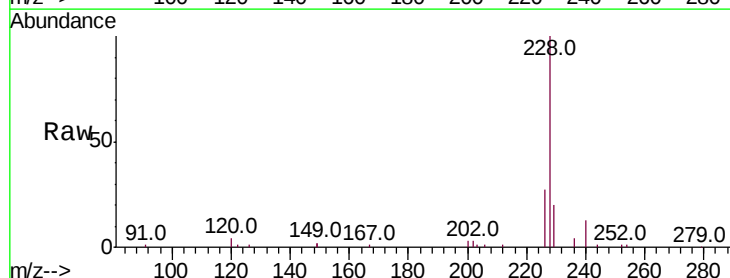
Tgt Ion:228 Resp: 19147

Ion Ratio Lower Upper

228 100

226 26.6 21.3 31.9

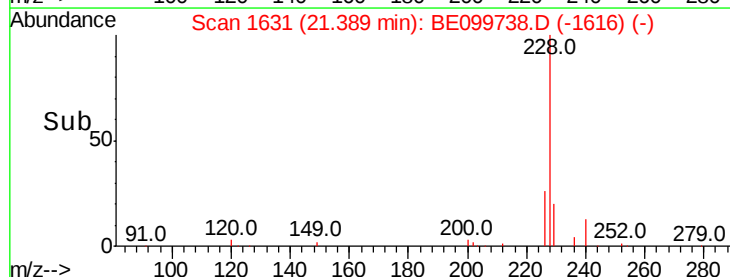
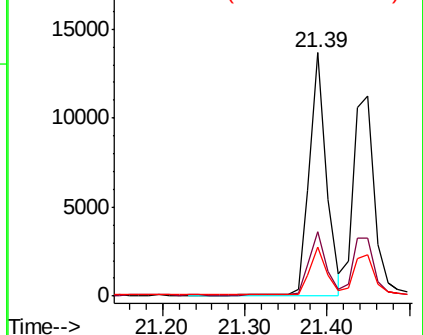
229 20.2 16.1 24.1

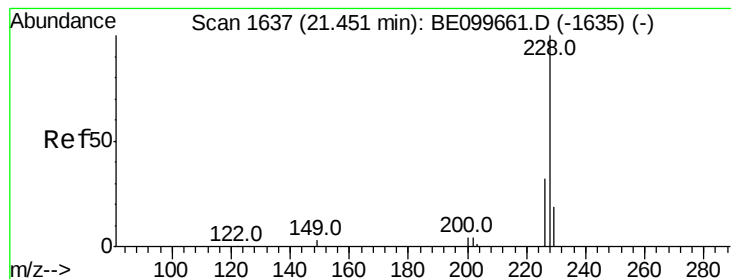


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.398 ng

RT: 21.45 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB120031BS

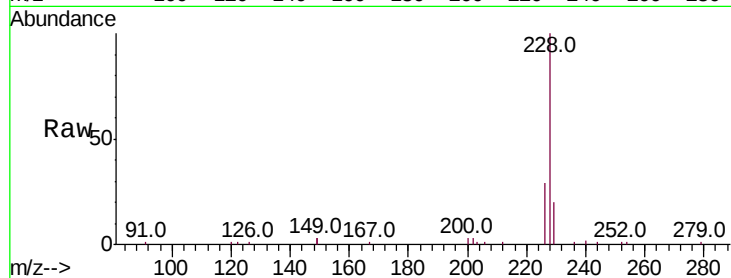
Tot Ion:228 Resp: 19562

Ion Ratio Lower Upper

228 100

226 29.0 24.7 37.1

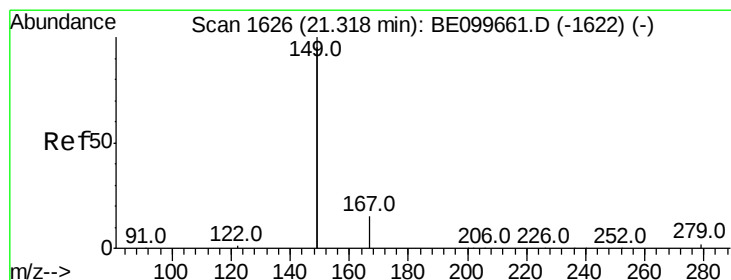
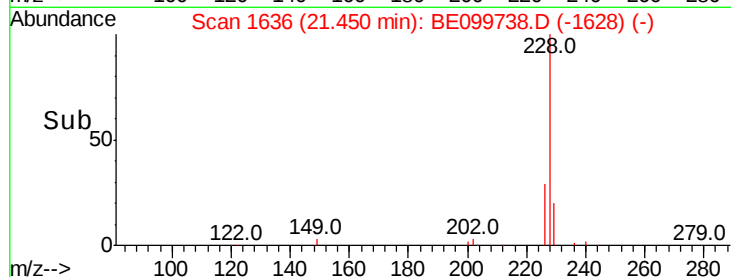
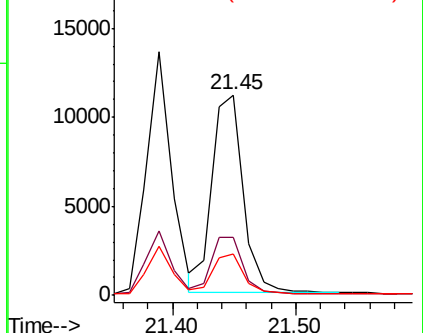
229 20.4 15.8 23.6



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: 0.456 ng

RT: 21.30 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

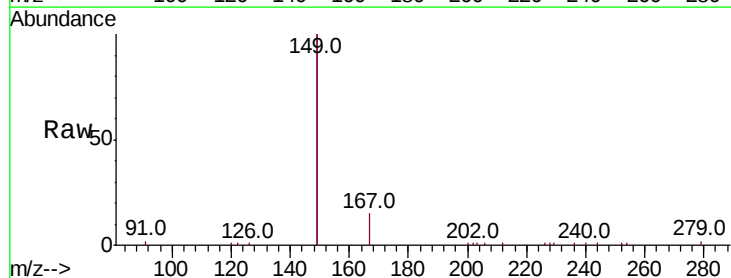
Tgt Ion:149 Resp: 24188

Ion Ratio Lower Upper

149 100

167 7.6 6.2 9.4

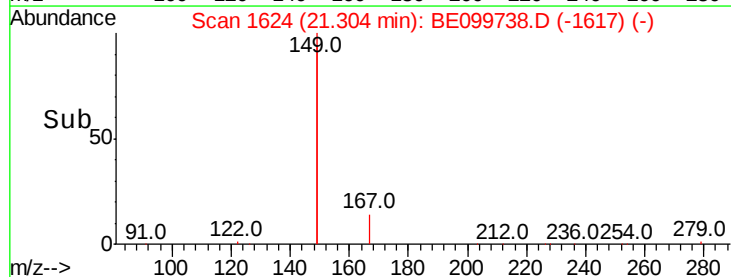
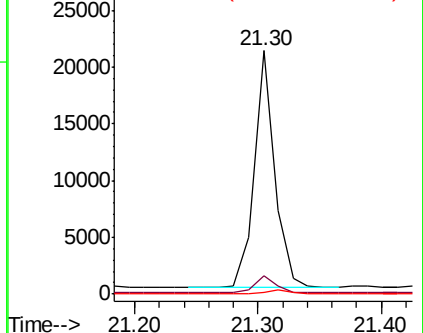
279 1.5 1.2 1.8

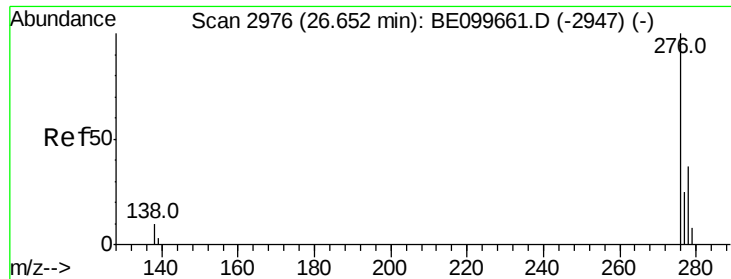


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.452 ng

RT: 26.62 min Scan# 2966

Delta R.T. -0.03 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB120031BS

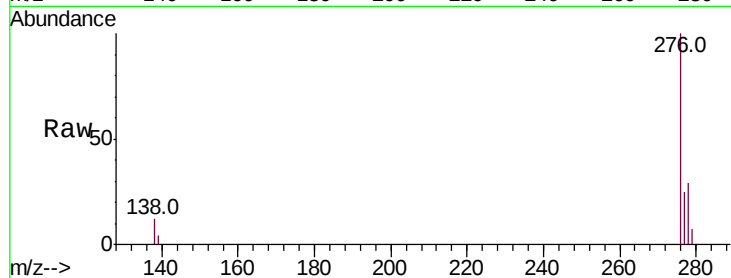
Tot Ion:276 Resp: 26859

Ion Ratio Lower Upper

276 100

138 12.6 9.6 14.4

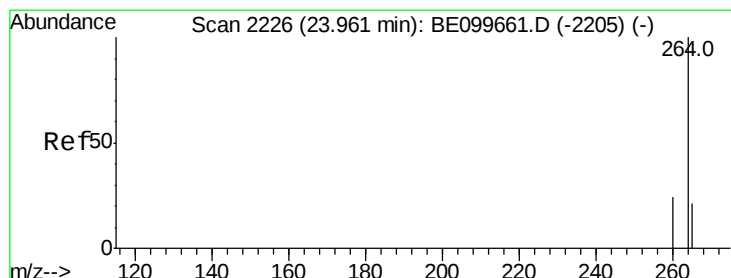
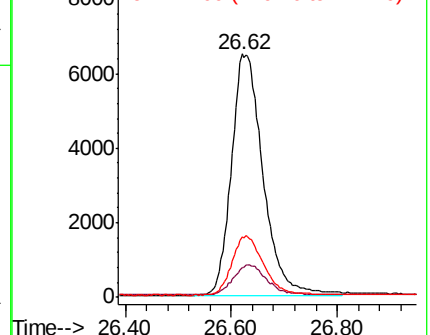
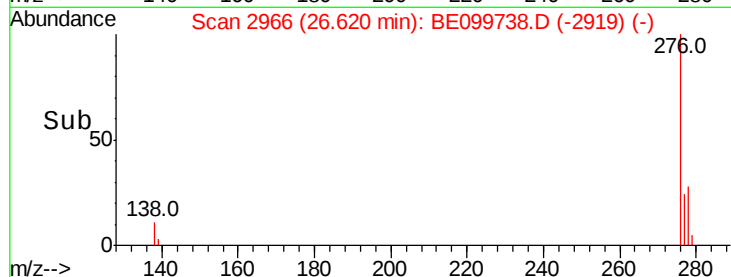
277 24.5 19.2 28.8



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: 23.94 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

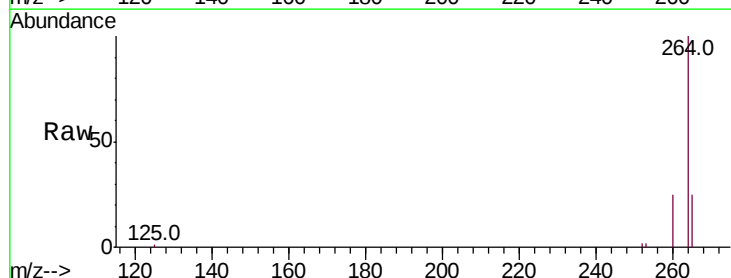
Tgt Ion:264 Resp: 20925

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

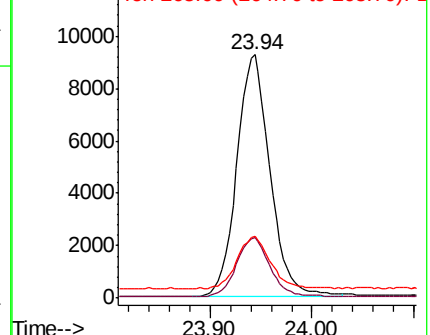
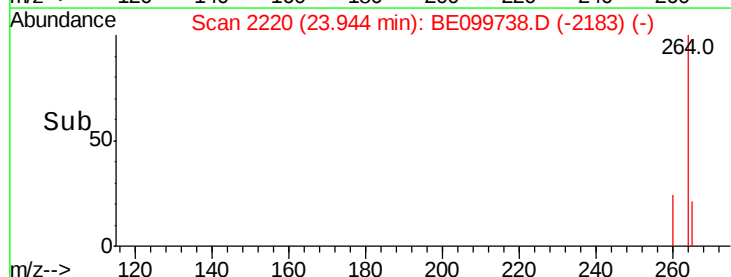
265 25.4 19.1 28.7

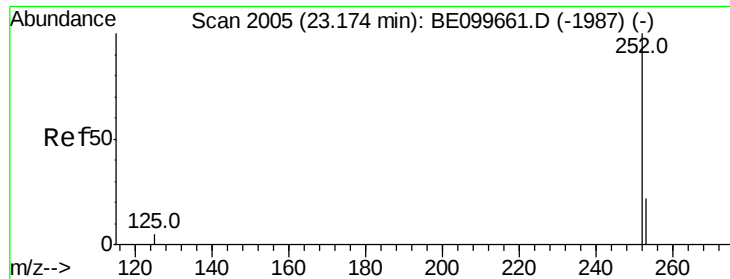


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.390 ng

RT: 23.21 min Scan# 2014

Delta R.T. 0.04 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB120031BS

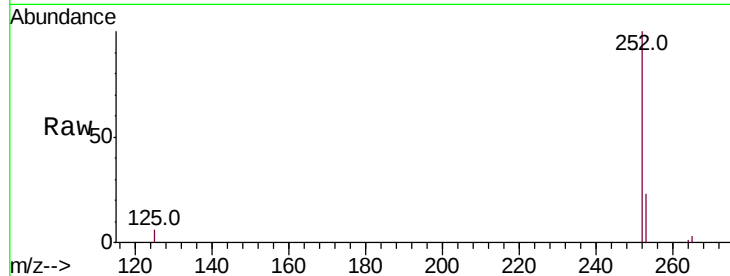
Tot Ion:252 Resp: 22340

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

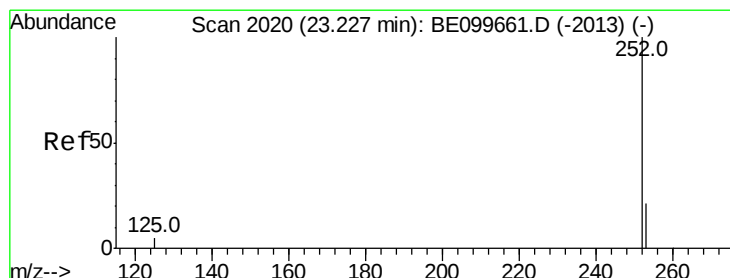
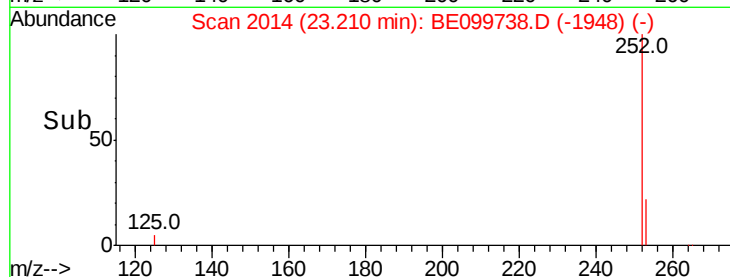
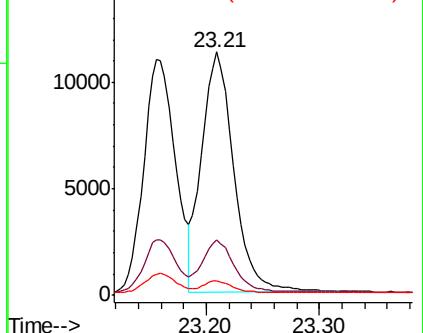
125 5.9 4.5 6.7



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: 0.374 ng

RT: 23.21 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

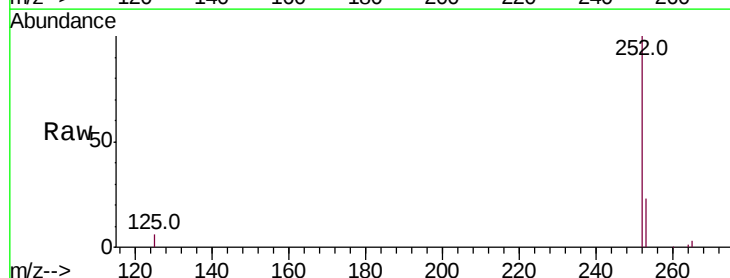
Tgt Ion:252 Resp: 22340

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

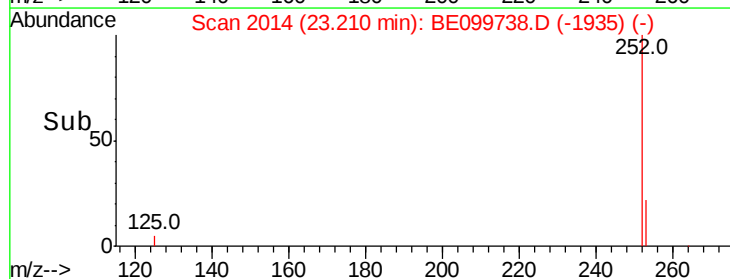
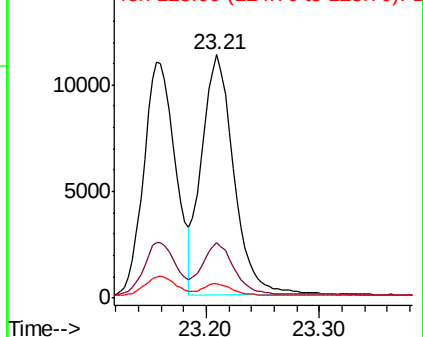
125 5.9 4.6 6.8

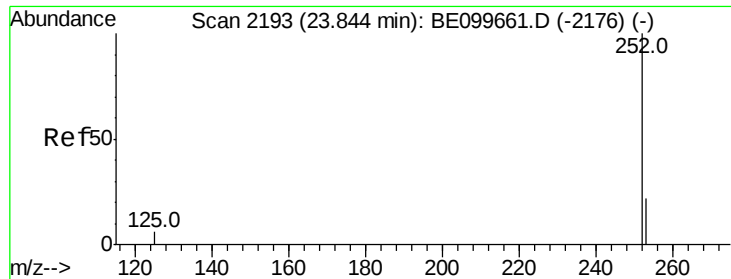


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.389 ng

RT: 23.83 min Scan# 2187

Delta R.T. -0.02 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB120031BS

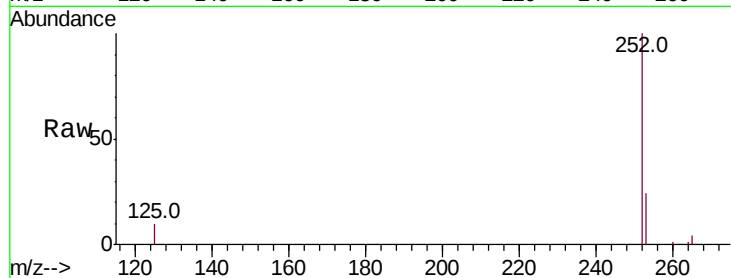
Tot Ion:252 Resp: 21461

Ion Ratio Lower Upper

252 100

253 23.7 18.9 28.3

125 10.2 5.4 8.0#

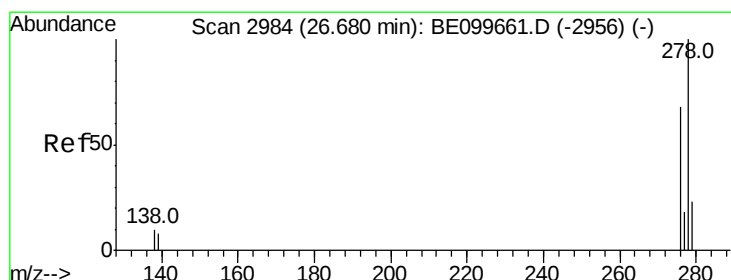
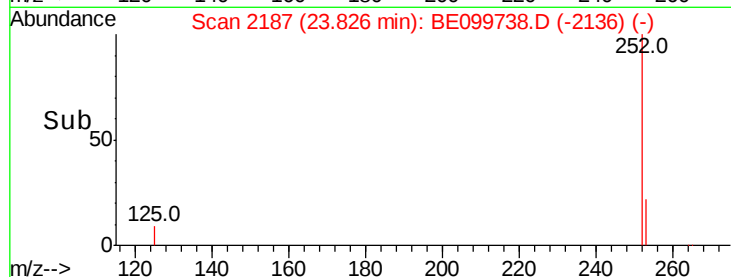
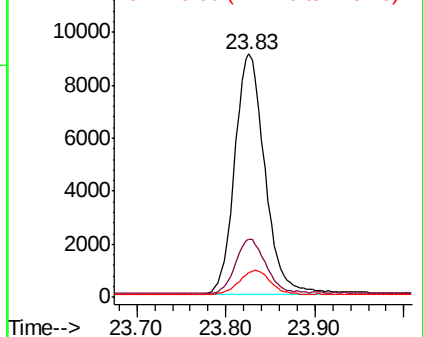


Abundance

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: 0.386 ng

RT: 26.66 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

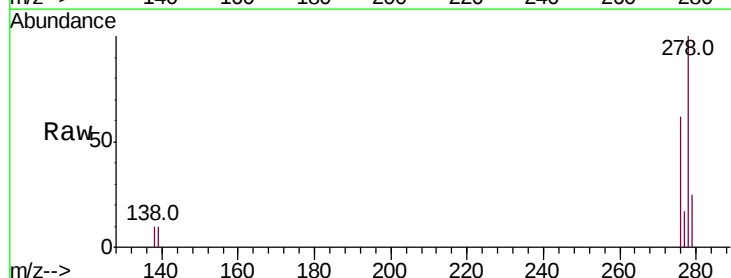
Tgt Ion:278 Resp: 22382

Ion Ratio Lower Upper

278 100

139 9.7 6.9 10.3

279 24.5 19.2 28.8

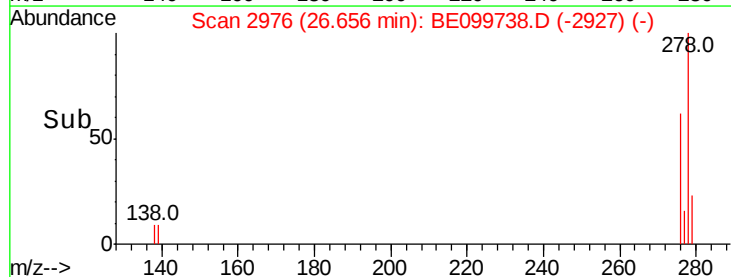
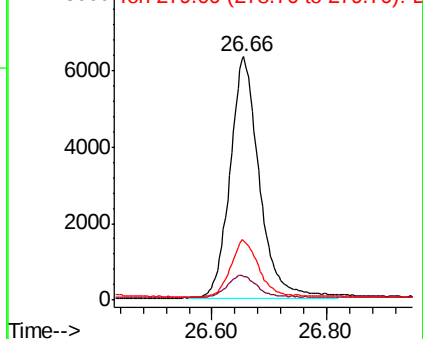


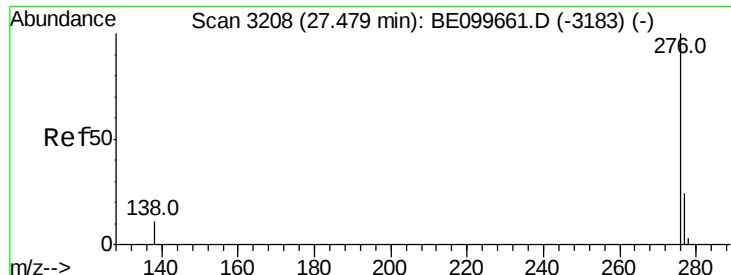
Abundance

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(a,h,i)perylene

Concen: 0.380 ng

RT: 27.45 min Scan# 3200

Delta R.T. -0.02 min

Lab File: BE099738.D

Acq: 24 May 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB120031BS

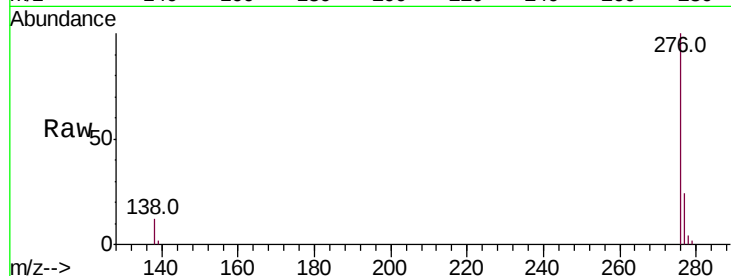
Tot Ion:276 Resp: 22262

Ion Ratio Lower Upper

276 100

277 23.9 19.8 29.6

138 12.3 9.2 13.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

