

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
 Data File : BE099670.D
 Acq On : 20 May 2019 21:07
 Operator : JU/SJ
 Sample : PB119824BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119824BSD

Quant Time: May 21 07:02:00 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	1732	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5729	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3551	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	9683	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15008	0.40	ng	0.00
34) Perylene-d12	23.96	264	18137	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	1576	0.36	ng	0.01
5) Phenol-d6	6.98	99	1938	0.33	ng	0.00
8) Nitrobenzene-d5	8.98	82	1795	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3791m	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	454	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	5402	0.40	ng	0.00
25) Fluoranthene-d10	19.26	212	47442	0.36	ng	0.00
29) Terphenyl-d14	19.87	244	10608	0.40	ng	0.00

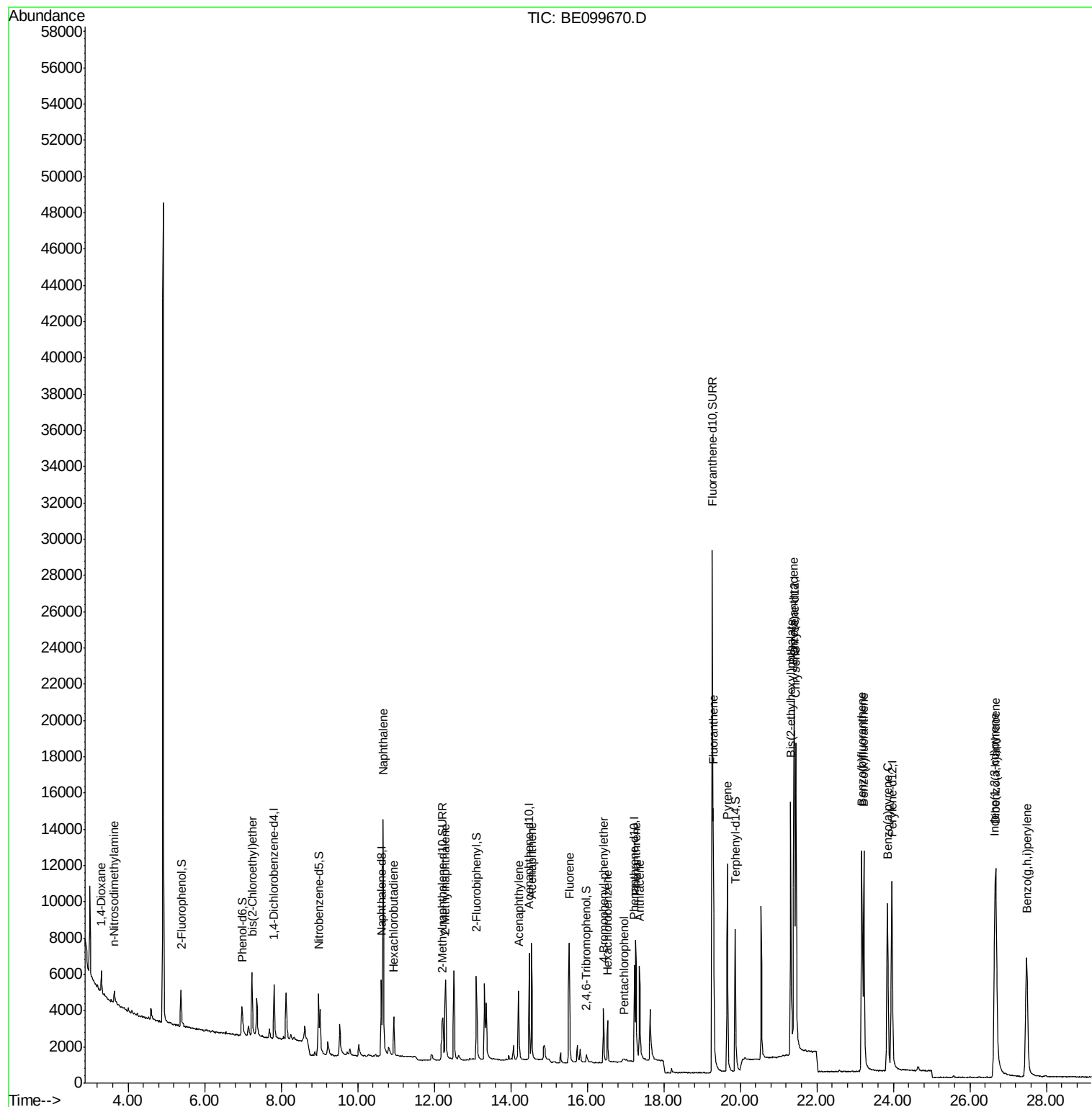
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	701	0.273	ng	# 43
3) n-Nitrosodimethylamine	3.64	42	440	0.311	ng	# 67
6) bis(2-Chloroethyl)ether	7.24	93	1730	0.336	ng	100
9) Naphthalene	10.67	128	22791	0.372	ng	100
10) Hexachlorobutadiene	10.94	225	1633	0.362	ng	99
12) 2-Methylnaphthalene	12.30	142	3551	0.356	ng	98
16) Acenaphthylene	14.21	152	5823	0.352	ng	99
17) Acenaphthene	14.54	154	3349	0.361	ng	97
18) Fluorene	15.53	166	4687	0.343	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	1973	0.353	ng	# 93
21) Hexachlorobenzene	16.53	284	2197	0.385	ng	98
22) Pentachlorophenol	16.96	266	463m	0.443	ng	
23) Phenanthrene	17.27	178	8515	0.360	ng	98
24) Anthracene	17.36	178	7098	0.331	ng	99
26) Fluoranthene	19.29	202	12980	0.347	ng	100
28) Pyrene	19.66	202	13357	0.354	ng	99
30) Benzo(a)anthracene	21.40	228	16807	0.394	ng	100
31) Chrysene	21.45	228	18935	0.415	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	15361	0.313	ng	99
33) Indeno(1,2,3-cd)pyrene	26.65	276	22874	0.416	ng	99
35) Benzo(b)fluoranthene	23.17	252	18976m	0.382	ng	
36) Benzo(k)fluoranthene	23.23	252	20800	0.401	ng	100
37) Benzo(a)pyrene	23.84	252	18688	0.391	ng	98
38) Dibenzo(a,h)anthracene	26.68	278	18982	0.378	ng	98
39) Benzo(g,h,i)perylene	27.48	276	19991	0.394	ng	98

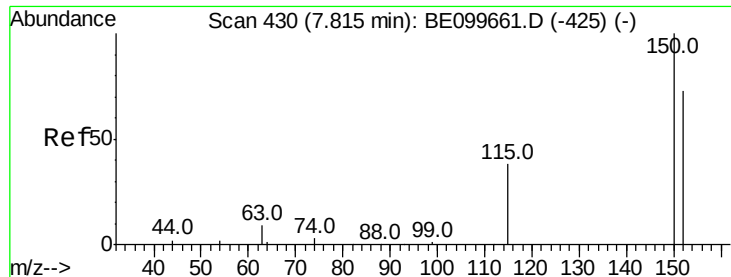
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

Instrument :

BNA_E

ClientSampleId :

PB119824BSD

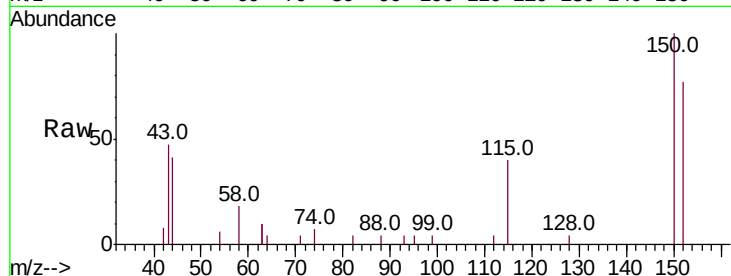
Tot Ion:152 Resp: 1732

Ion Ratio Lower Upper

152 100

150 129.6 109.2 163.8

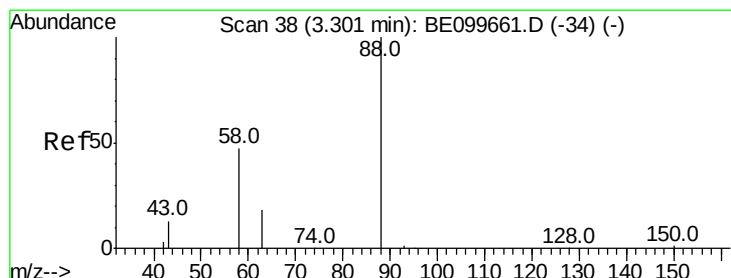
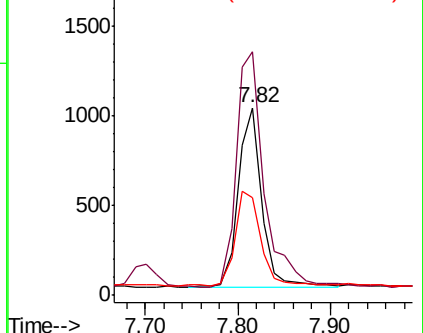
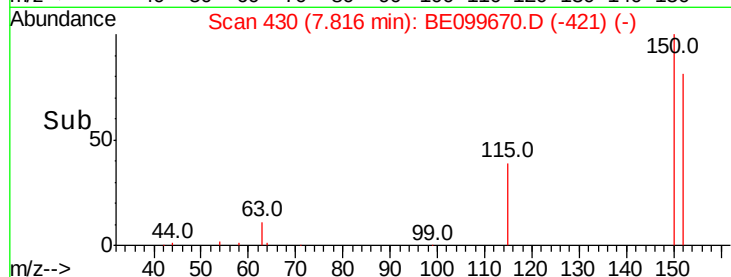
115 52.2 43.7 65.5



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: 0.273 ng

RT: 3.30 min Scan# 38

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

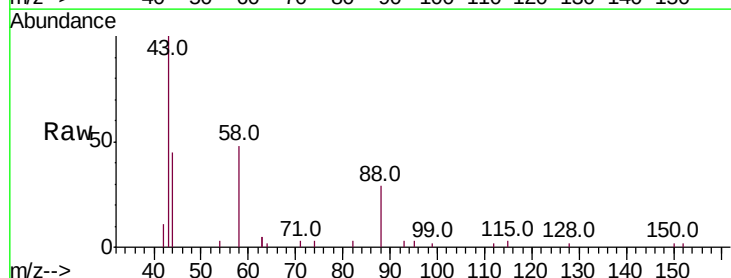
Tgt Ion: 88 Resp: 701

Ion Ratio Lower Upper

88 100

58 78.0 41.8 62.8#

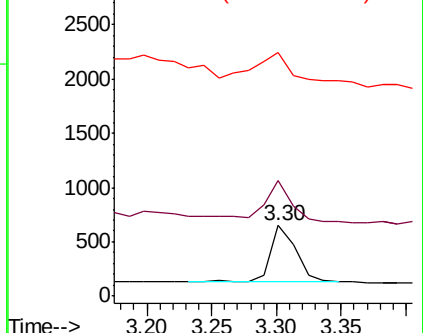
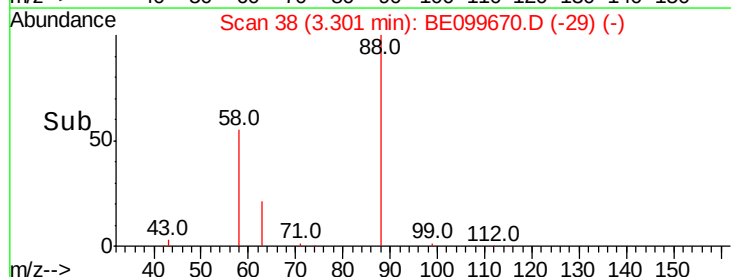
43 70.0 15.0 22.4#

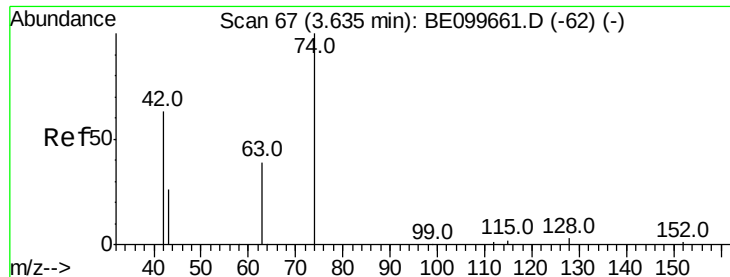


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.311 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

Instrument :

BNA_E

ClientSampleId :

PB119824BSD

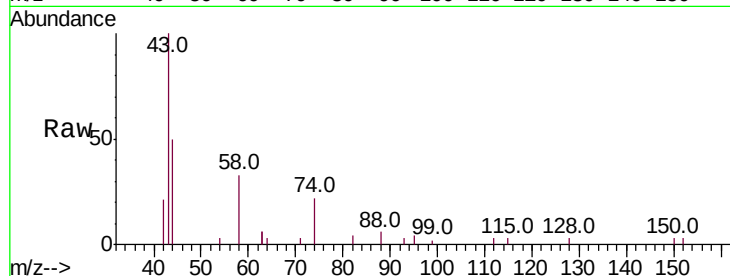
Tot Ion: 42 Resp: 440

Ion Ratio Lower Upper

42 100

74 204.8 129.2 193.8#

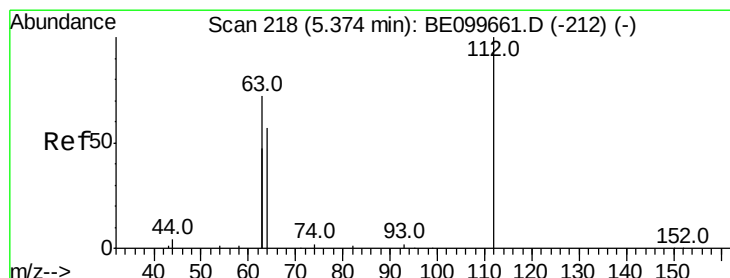
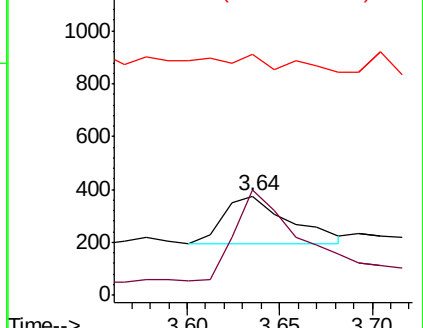
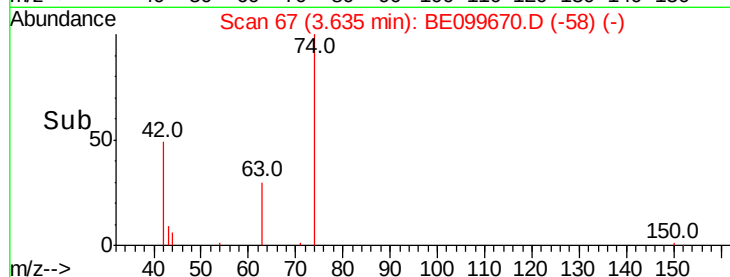
44 0.0 0.0 0.0



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: 0.360 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

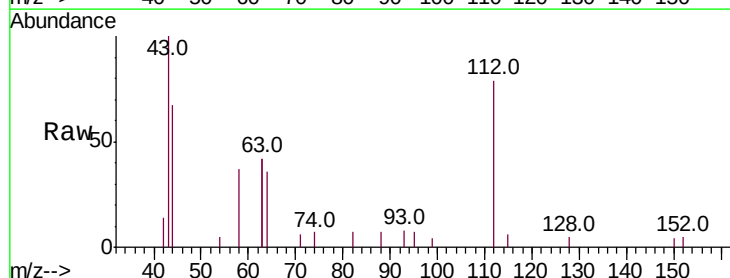
Tgt Ion: 112 Resp: 1576

Ion Ratio Lower Upper

112 100

64 52.7 43.4 65.2

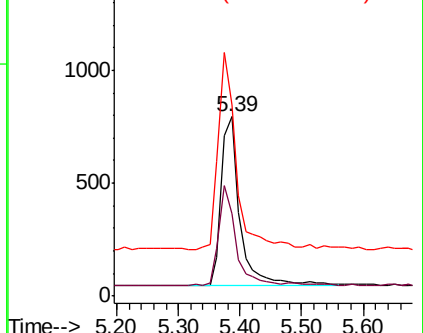
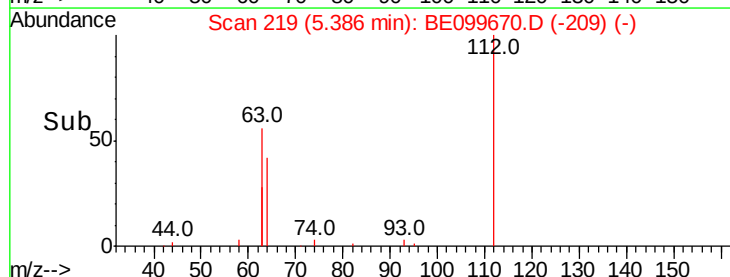
63 110.2 96.9 145.3

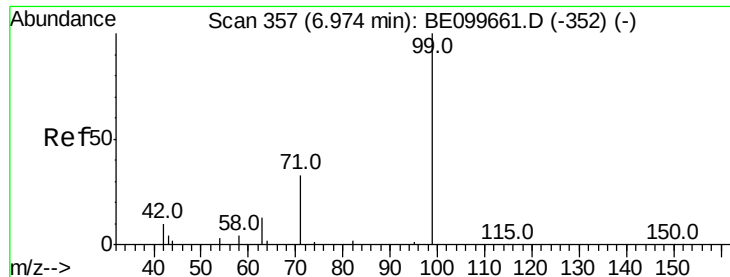


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.334 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

Instrument :

BNA_E

ClientSampleId :

PB119824BSD

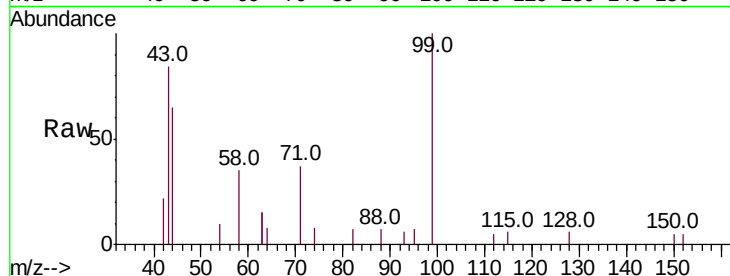
Tot Ion: 99 Resp: 1938

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

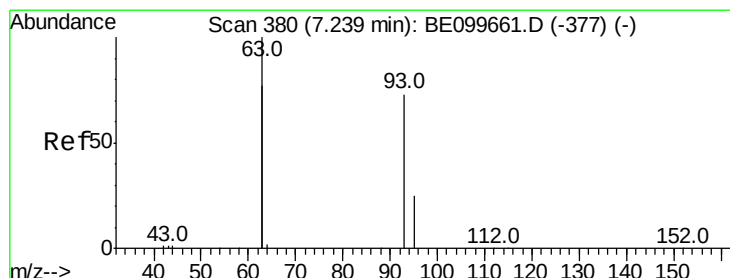
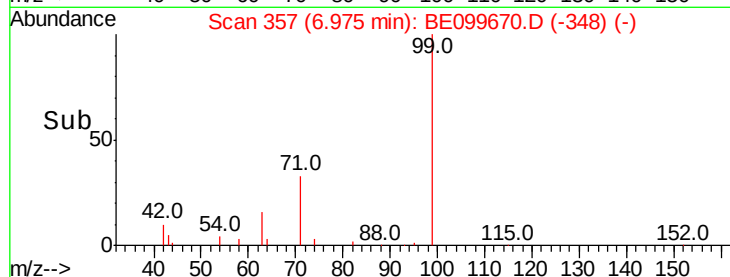
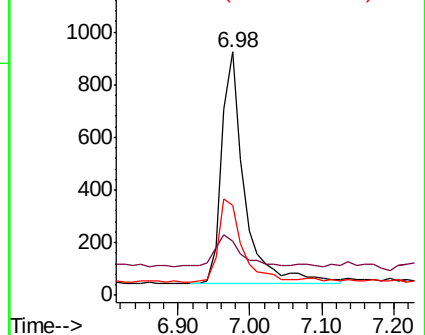
71 37.3 28.9 43.3



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: 0.336 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

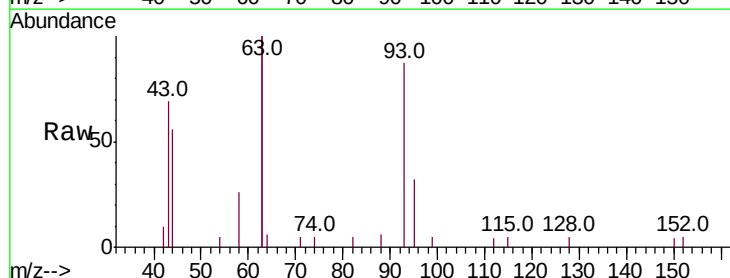
Tgt Ion: 93 Resp: 1730

Ion Ratio Lower Upper

93 100

63 260.3 207.8 311.6

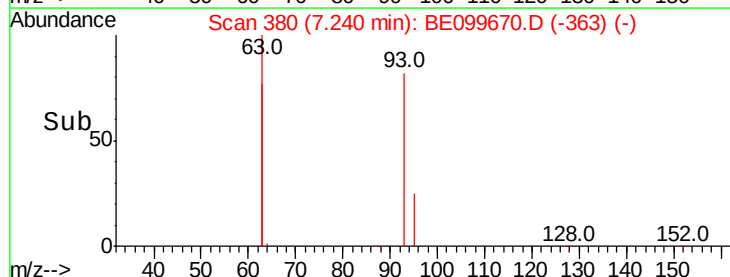
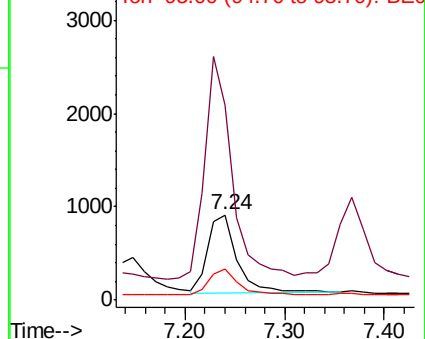
95 33.4 25.9 38.9

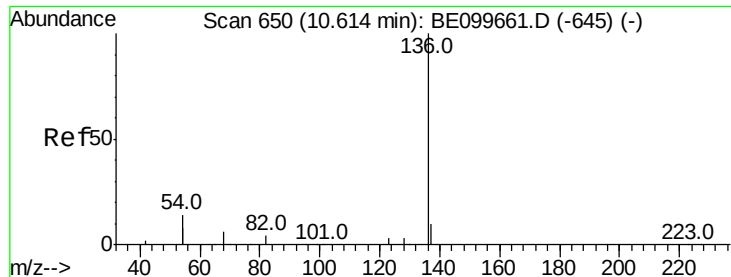


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

Instrument :

BNA_E

ClientSampleId :

PB119824BSD

Tot Ion:136 Resp: 5729

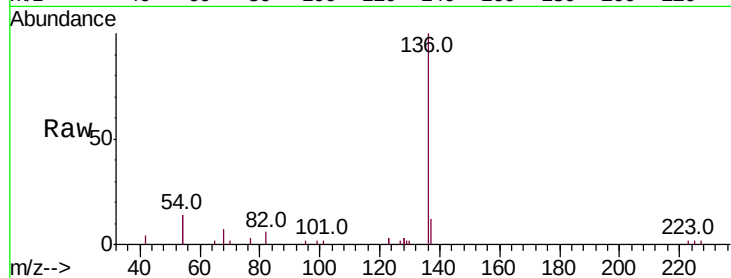
Ion Ratio Lower Upper

136 100

137 12.3 9.0 13.6

54 27.6 22.3 33.5

68 7.3 6.0 9.0

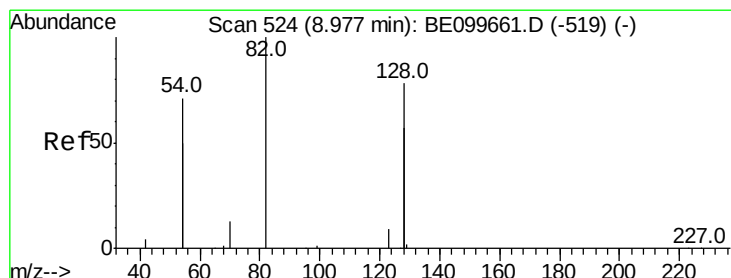
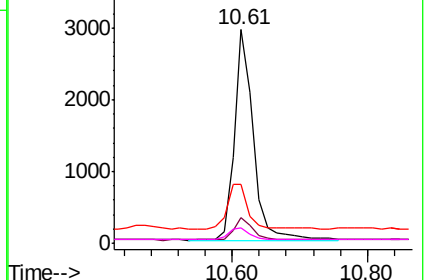
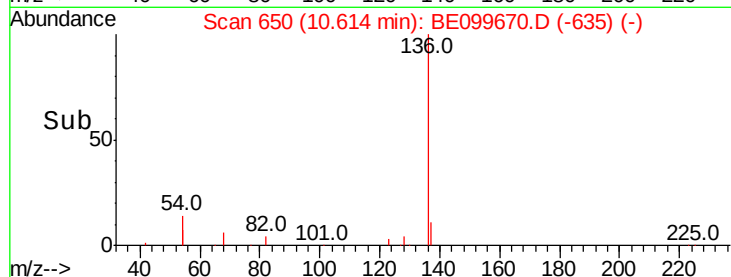


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.362 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

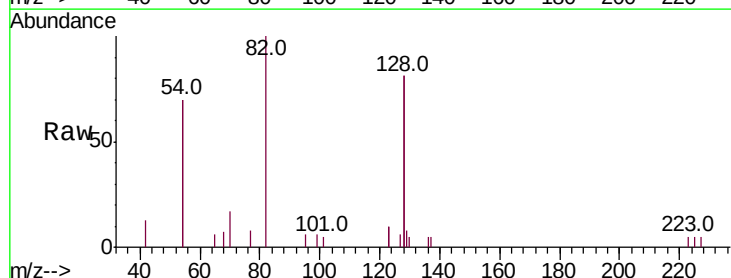
Tgt Ion: 82 Resp: 1795

Ion Ratio Lower Upper

82 100

128 162.4 117.7 176.5

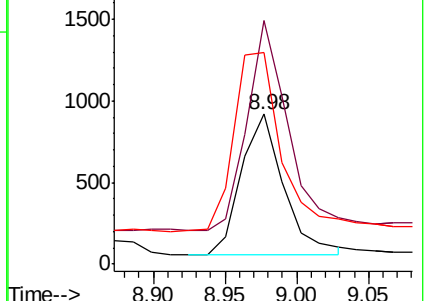
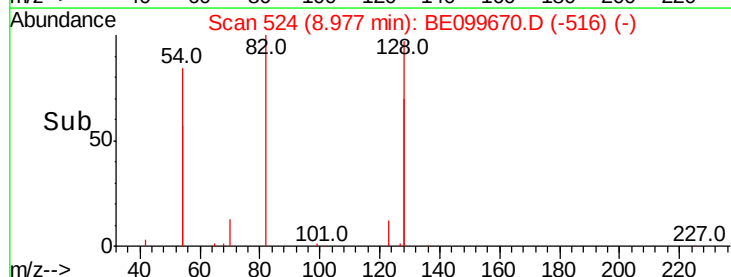
54 140.8 106.6 160.0

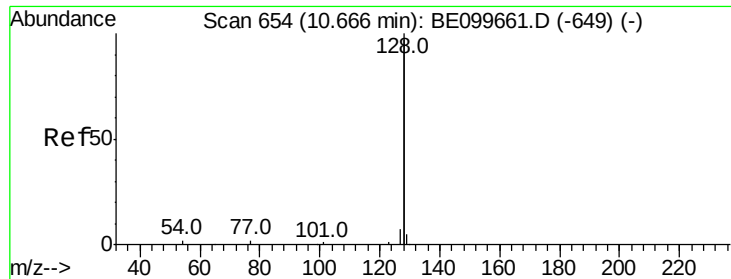


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.372 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

Instrument :

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ClientSampleId :

PB119824BSD

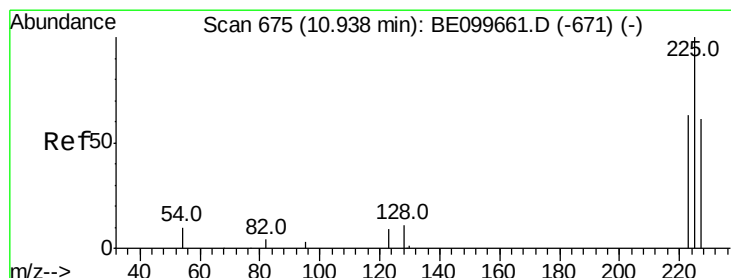
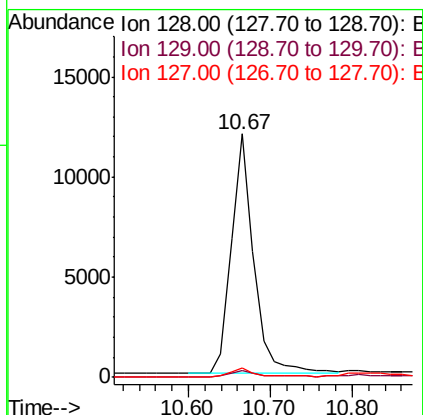
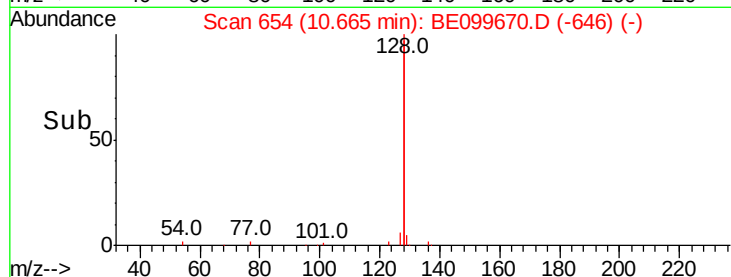
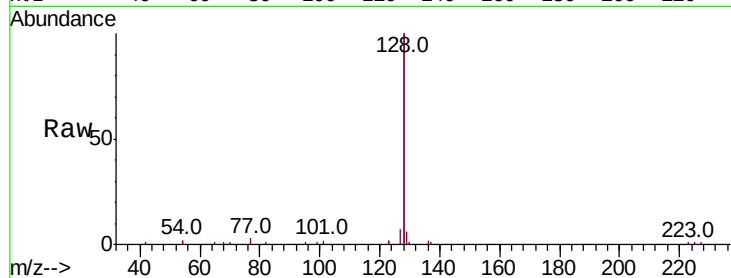
Tot Ion:128 Resp: 22791

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

127 3.6 2.9 4.3



#10

Hexachlorobutadiene

Concen: 0.362 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

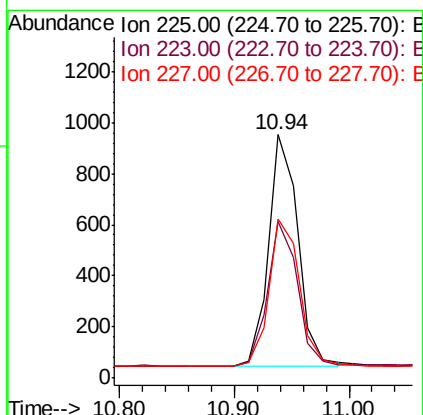
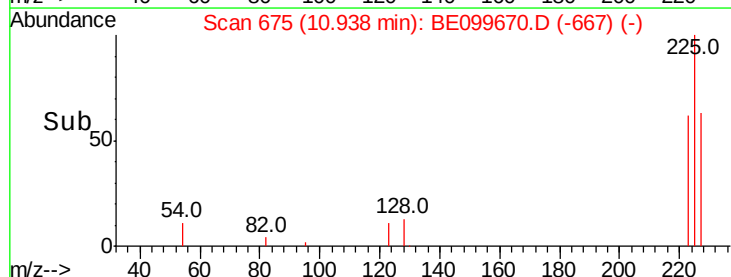
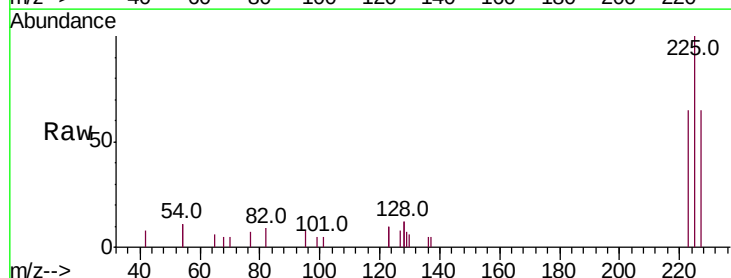
Tgt Ion:225 Resp: 1633

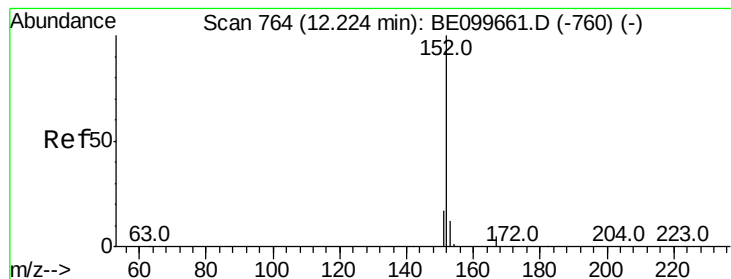
Ion Ratio Lower Upper

225 100

223 63.6 51.8 77.6

227 65.5 52.6 79.0





#11

2-Methylnaphthalene-d10

Concen: 0.383 ng m

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

Instrument :

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ClientSampleId :

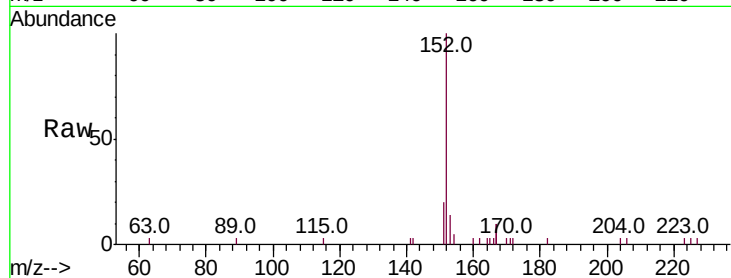
PB119824BSD

Tot Ion:152 Resp: 3791

Ion Ratio Lower Upper

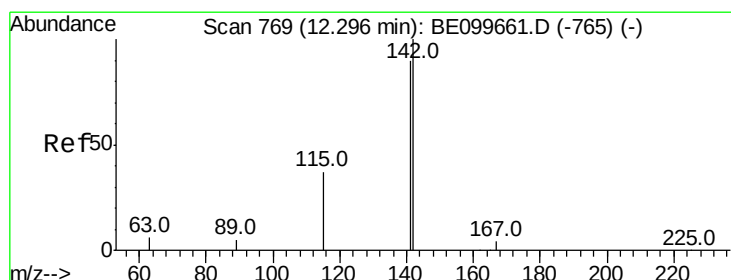
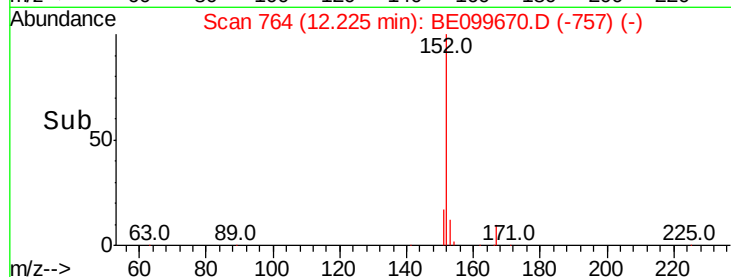
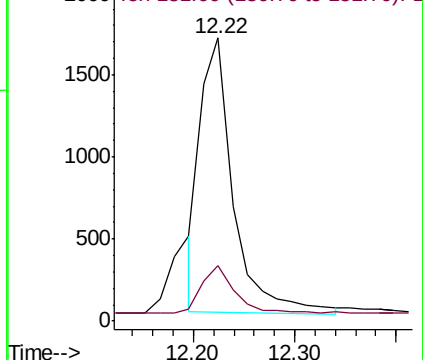
152 100

151 18.3 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: 0.356 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

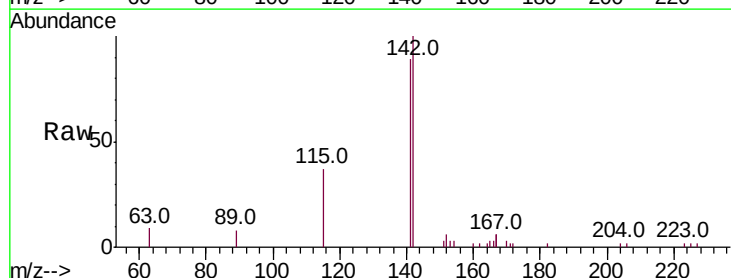
Tgt Ion:142 Resp: 3551

Ion Ratio Lower Upper

142 100

141 88.7 72.0 108.0

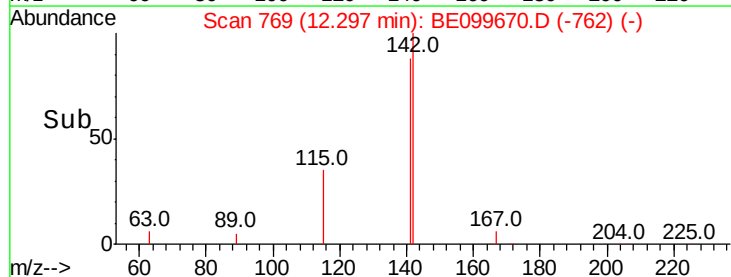
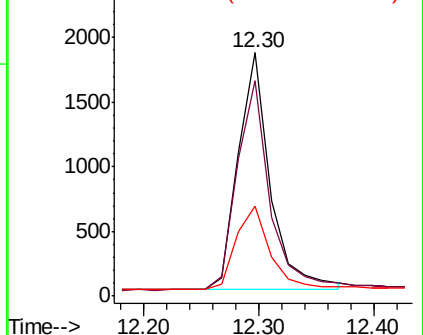
115 37.2 31.0 46.4

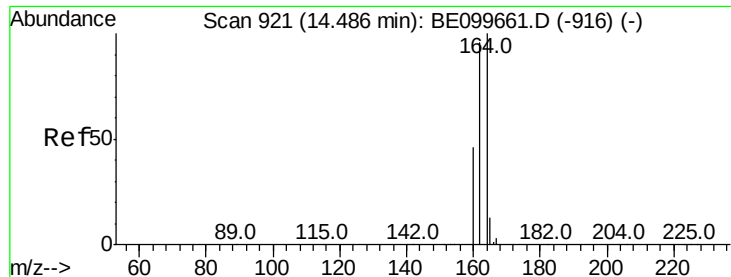


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

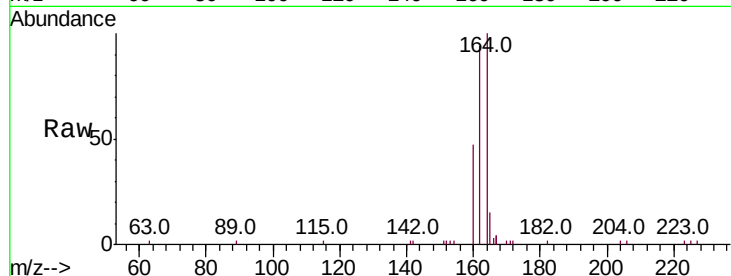




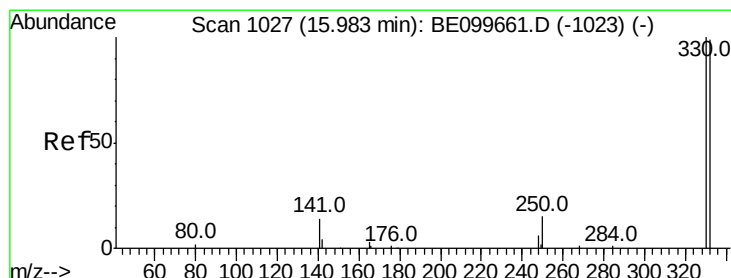
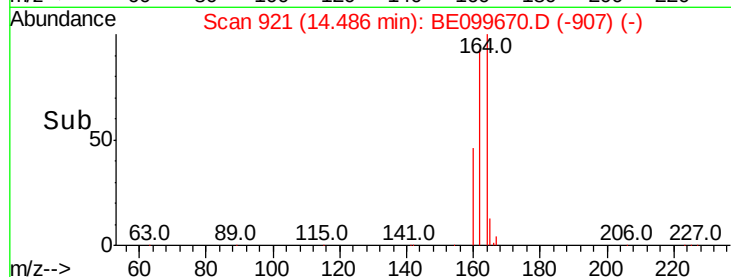
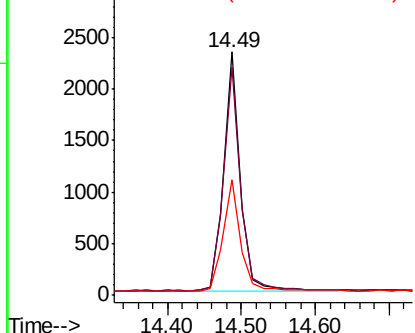
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099670.D
Acq: 20 May 2019 21:07

Instrument :
BNA_E
ClientSampleId :
PB119824BSD

Tot Ion:164 Resp: 3551
Ion Ratio Lower Upper
164 100
162 93.5 76.5 114.7
160 47.2 37.4 56.2

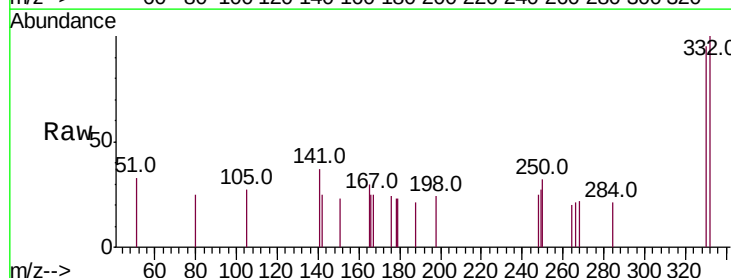


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

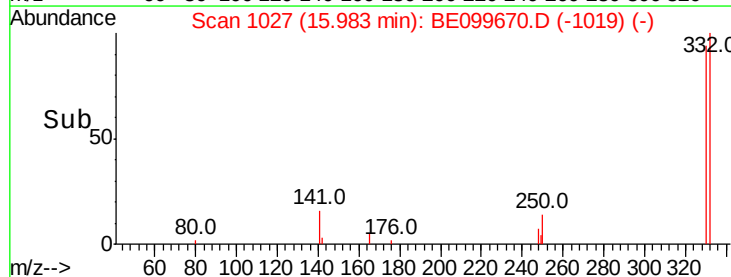
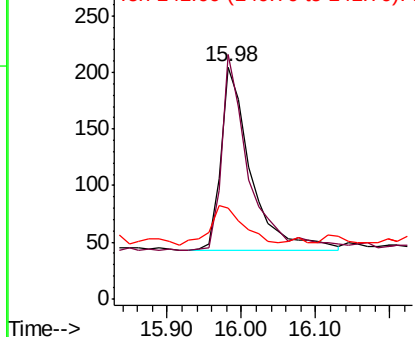


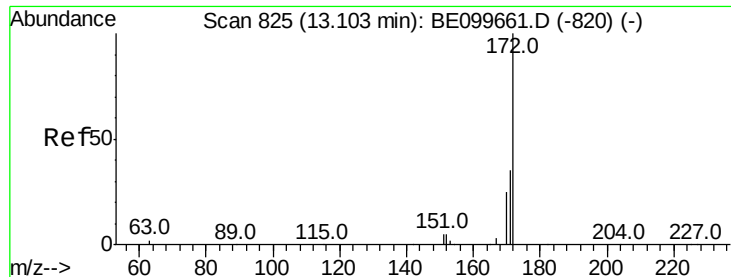
#14
2,4,6-Tribromophenol
Concen: 0.304 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099670.D
Acq: 20 May 2019 21:07

Tgt Ion:330 Resp: 454
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 25.6 18.9 28.3



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

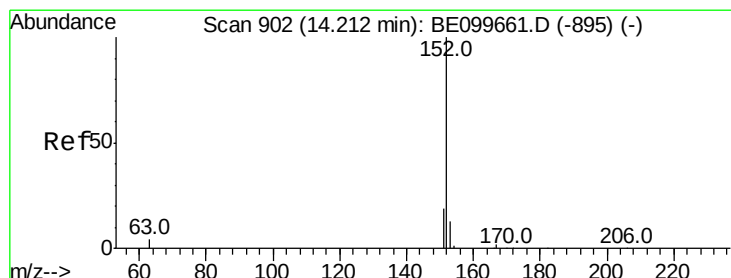
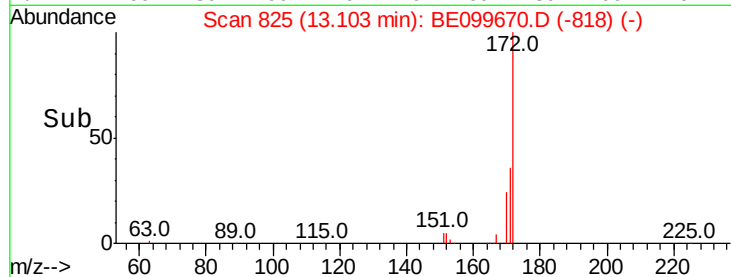
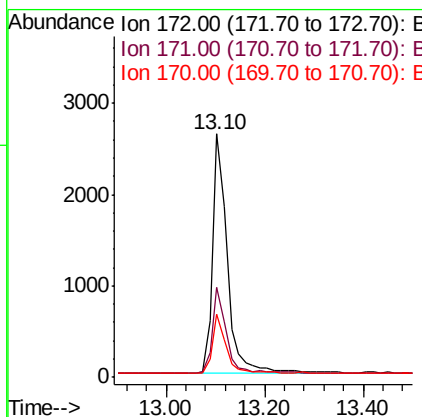
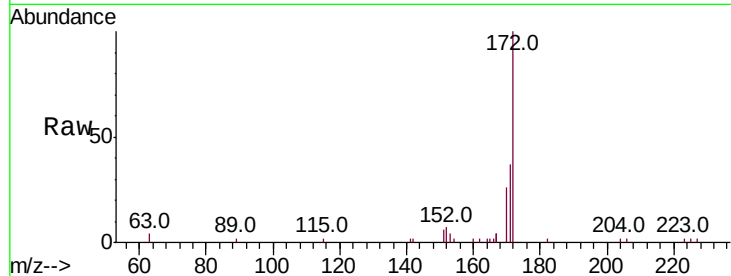




#15
 2-Fluorobiphenyl
 Concen: 0.401 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099670.D
 Acq: 20 May 2019 21:07

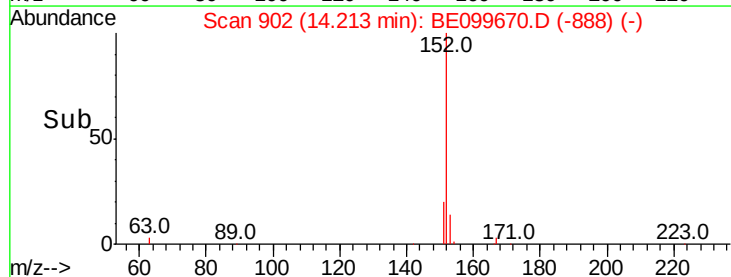
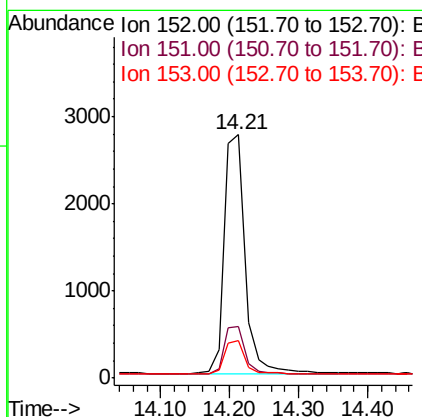
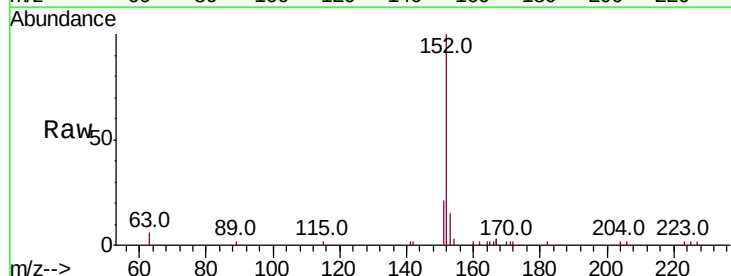
Instrument :
 BNA_E
 ClientSampleId :
 PB119824BSD

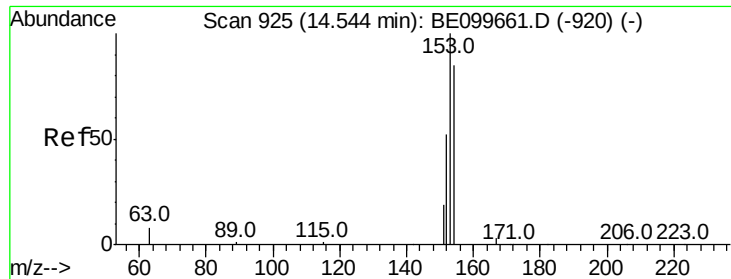
Tot Ion:172 Resp: 5402
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.7 43.1
 170 25.8 20.9 31.3



#16
 Acenaphthylene
 Concen: 0.352 ng
 RT: 14.21 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BE099670.D
 Acq: 20 May 2019 21:07

Tgt Ion:152 Resp: 5823
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.9 23.9
 153 13.8 10.6 16.0





#17

Acenaphthene

Concen: 0.361 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

Instrument :

BNA_E

ClientSampleId :

PB119824BSD

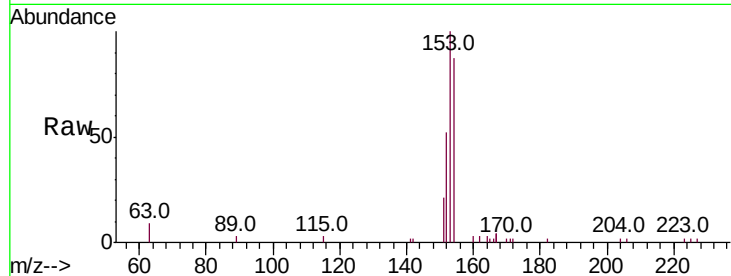
Tot Ion:154 Resp: 3349

Ion Ratio Lower Upper

154 100

153 118.5 91.8 137.6

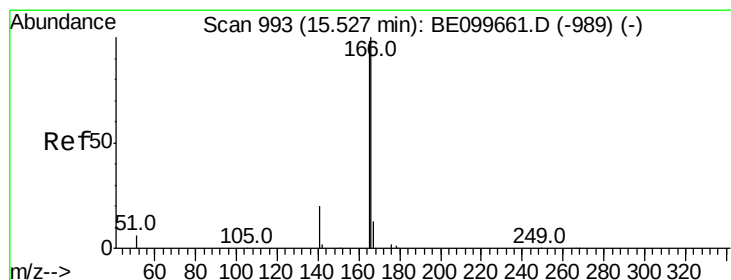
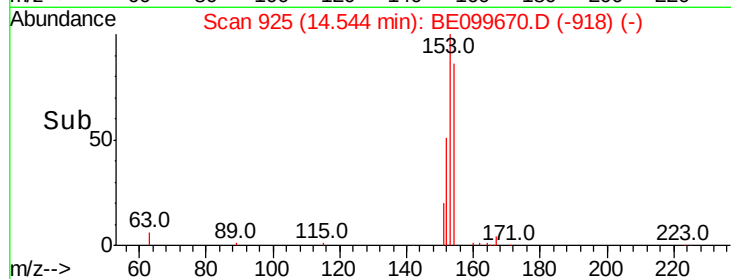
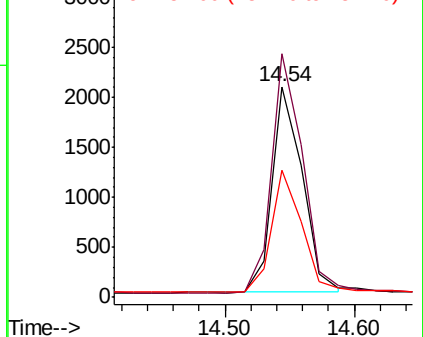
152 59.5 46.0 69.0



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: 0.343 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

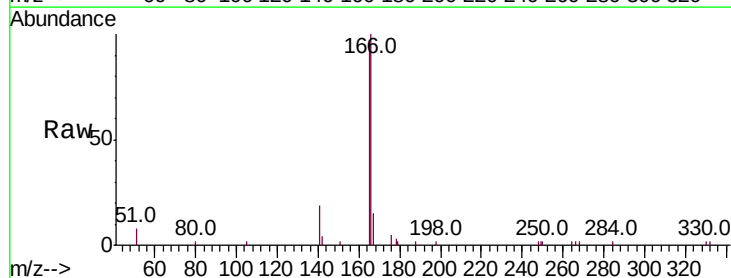
Tgt Ion:166 Resp: 4687

Ion Ratio Lower Upper

166 100

165 98.2 80.3 120.5

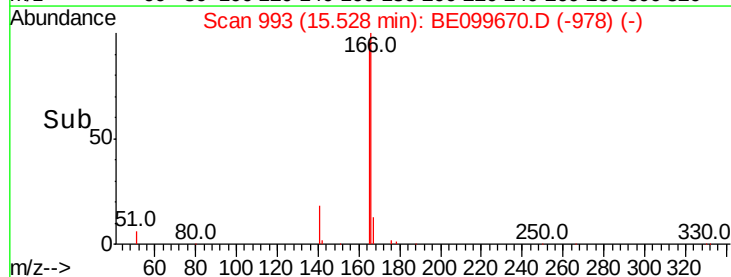
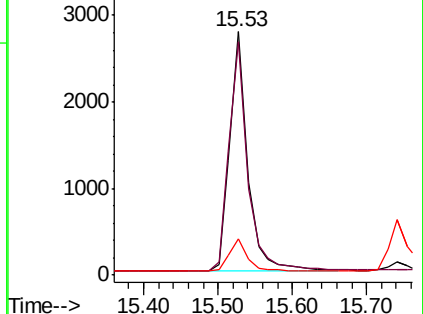
167 13.2 10.6 16.0

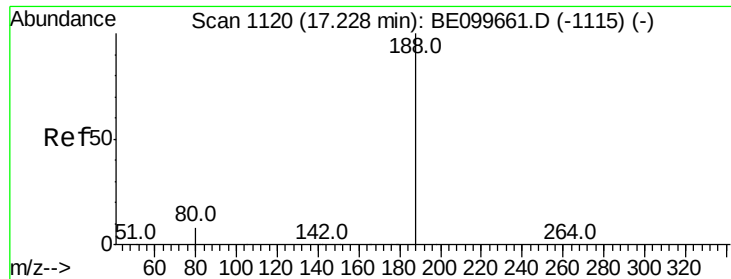


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

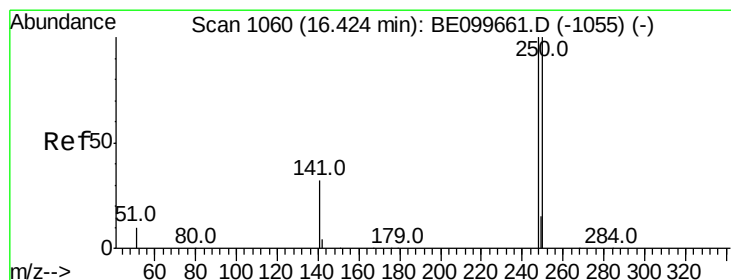
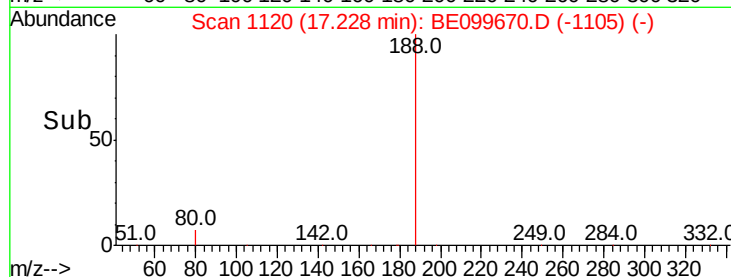
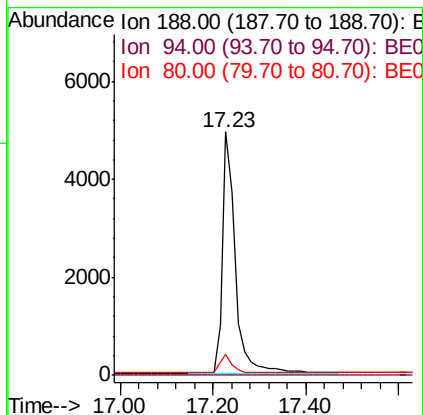
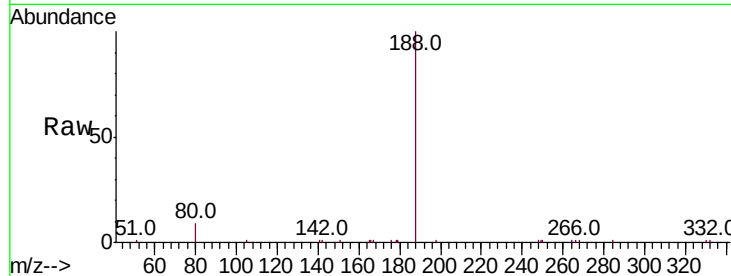




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099670.D
Acq: 20 May 2019 21:07

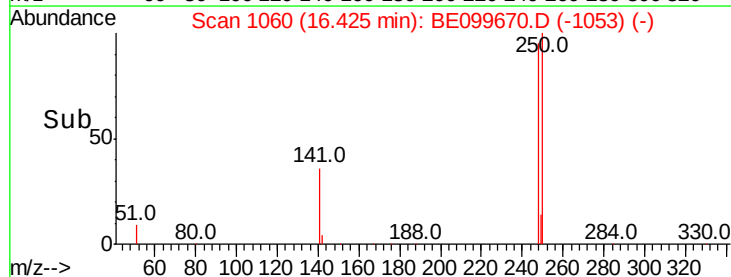
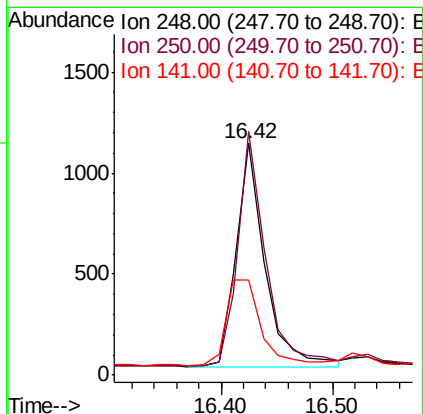
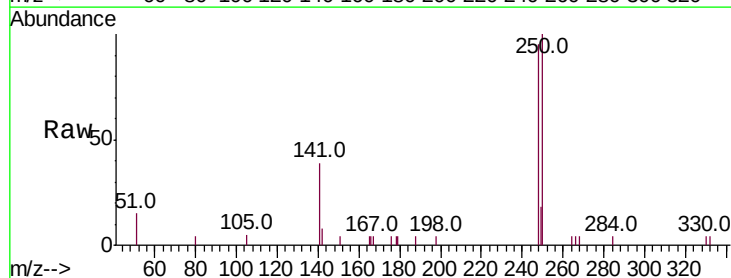
Instrument :
BNA_E
ClientSampleId :
PB119824BSD

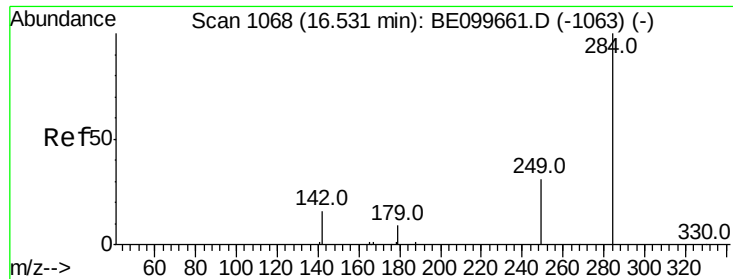
Tot Ion:188 Resp: 9683
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 6.7 10.1



#20
4-Bromophenyl-phenylether
Concen: 0.353 ng
RT: 16.42 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099670.D
Acq: 20 May 2019 21:07

Tgt Ion:248 Resp: 1973
Ion Ratio Lower Upper
248 100
250 105.1 79.8 119.8
141 41.1 27.0 40.6#





#21

Hexachlorobenzene

Concen: 0.385 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

Instrument :

BNA_E

ClientSampleId :

PB119824BSD

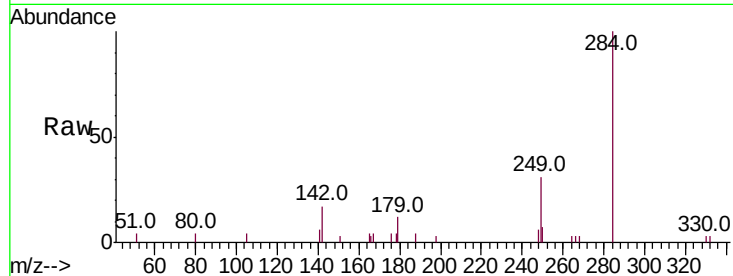
Tot Ion:284 Resp: 2197

Ion Ratio Lower Upper

284 100

142 22.1 17.8 26.6

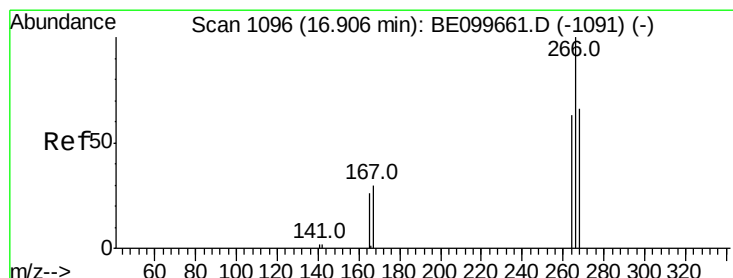
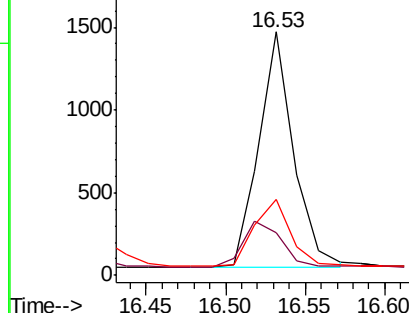
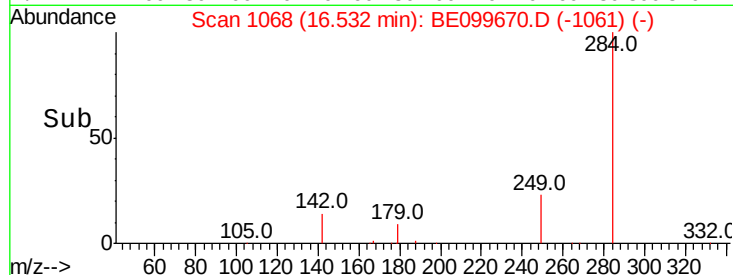
249 29.4 24.8 37.2



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: 0.443 ng m

RT: 16.96 min Scan# 1100

Delta R.T. 0.05 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

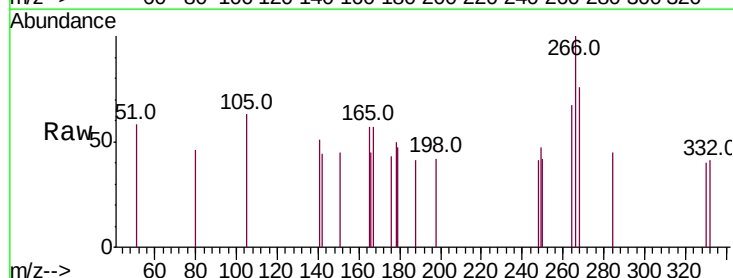
Tgt Ion:266 Resp: 463

Ion Ratio Lower Upper

266 100

264 66.7 57.2 85.8

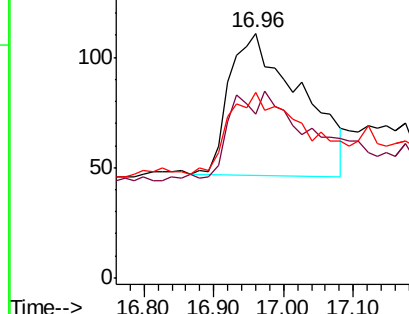
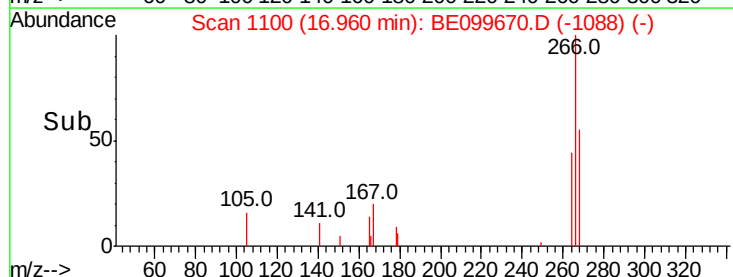
268 75.7 60.5 90.7

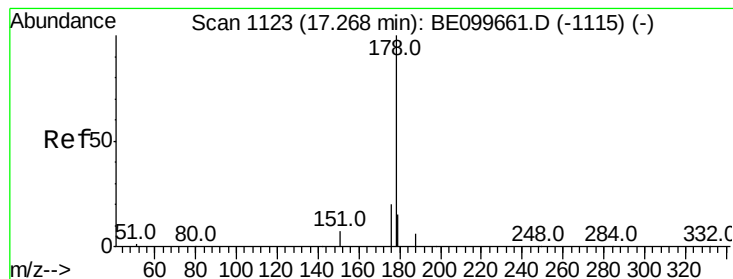


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.360 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

Instrument :

BNA_E

ClientSampleId :

PB119824BSD

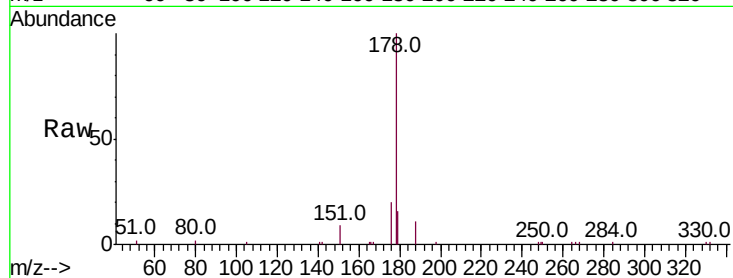
Tot Ion:178 Resp: 8515

Ion Ratio Lower Upper

178 100

176 18.4 15.6 23.4

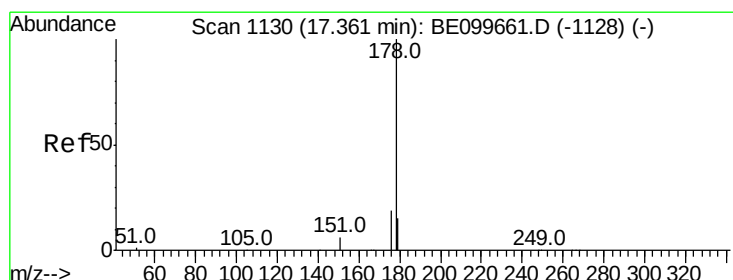
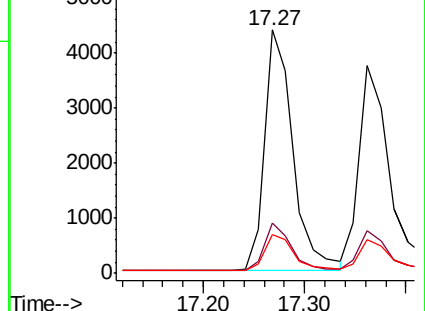
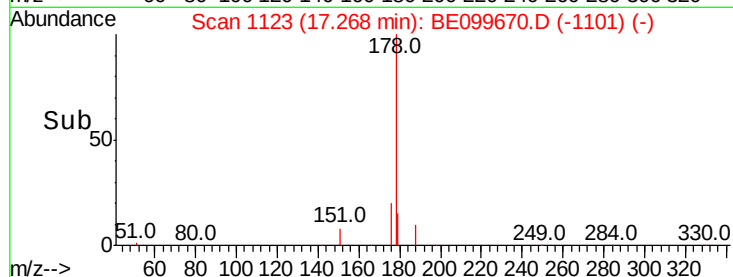
179 15.5 12.2 18.4



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: 0.331 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

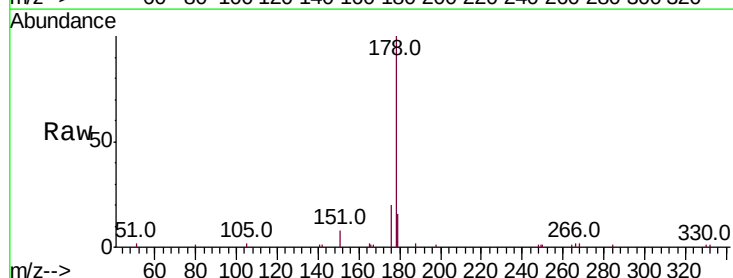
Tgt Ion:178 Resp: 7098

Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

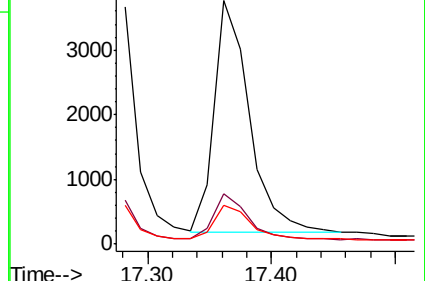
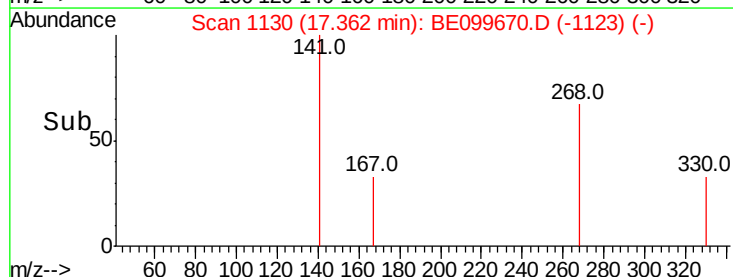
179 14.8 12.0 18.0

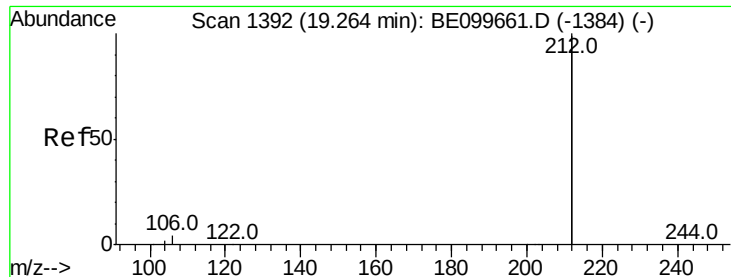


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.359 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

Instrument :

BNA_E

ClientSampleId :

PB119824BSD

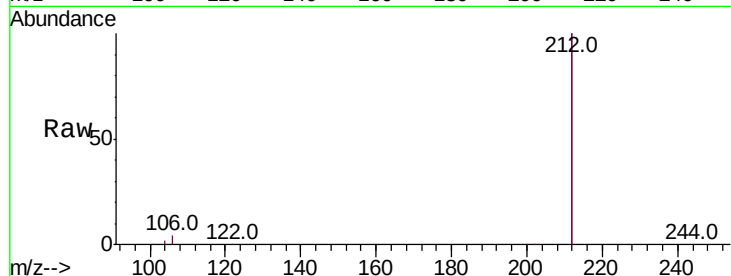
Tot Ion:212 Resp: 47442

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

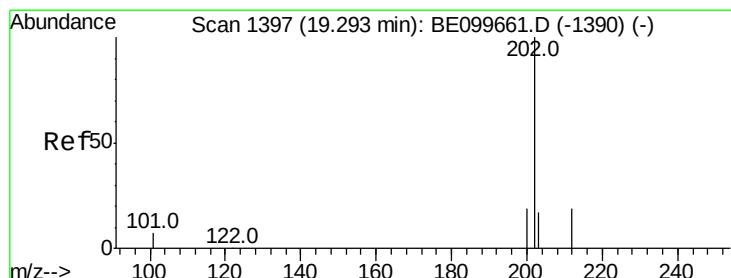
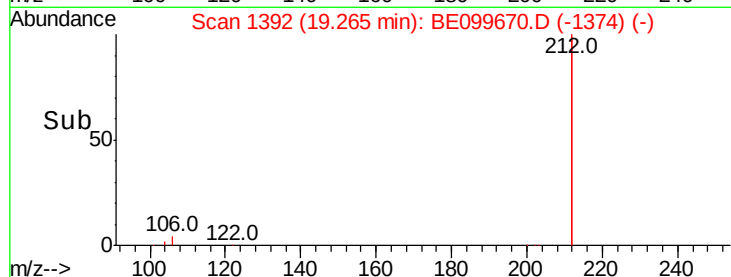
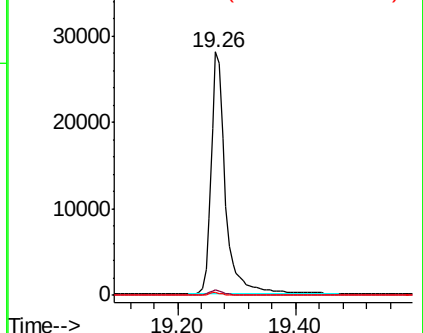
104 1.0 0.8 1.2



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: 0.347 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

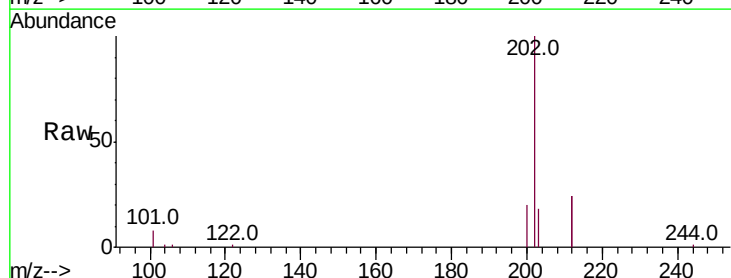
Tgt Ion:202 Resp: 12980

Ion Ratio Lower Upper

202 100

101 6.6 5.2 7.8

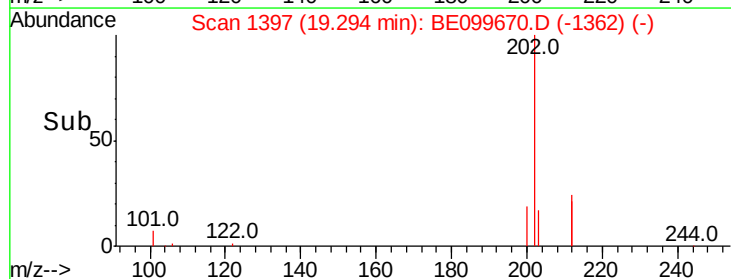
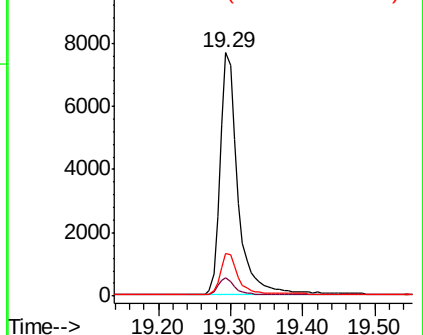
203 17.1 13.8 20.6

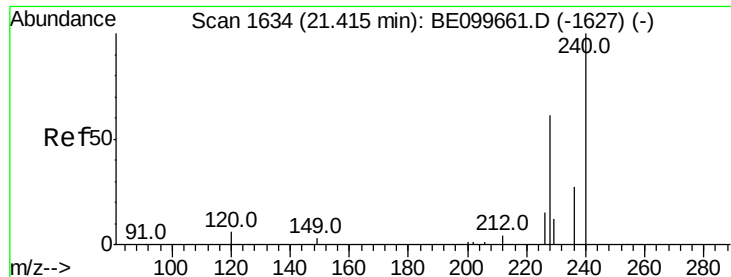


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

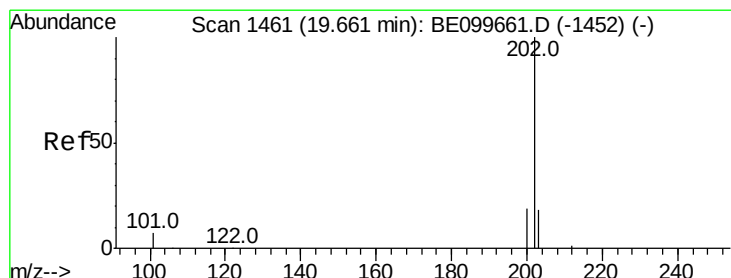
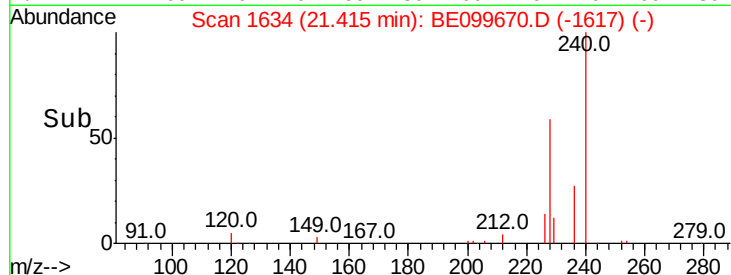
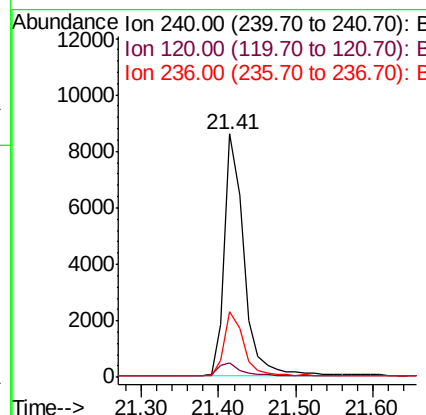
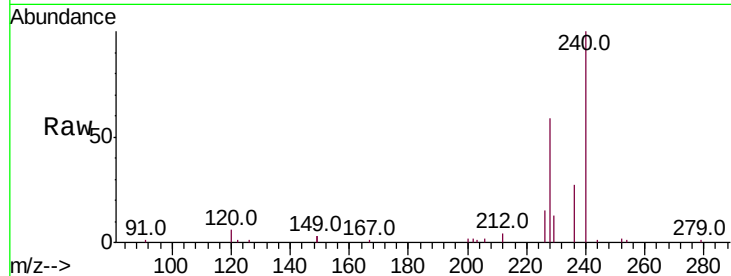




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE099670.D
 Acq: 20 May 2019 21:07

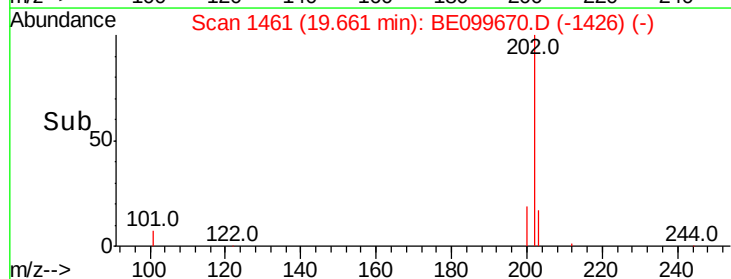
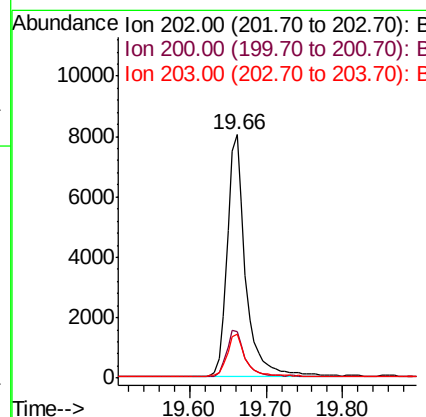
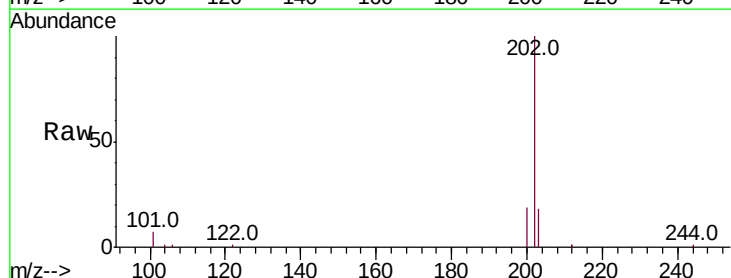
Instrument :
 BNA_E
 ClientSampleId :
 PB119824BSD

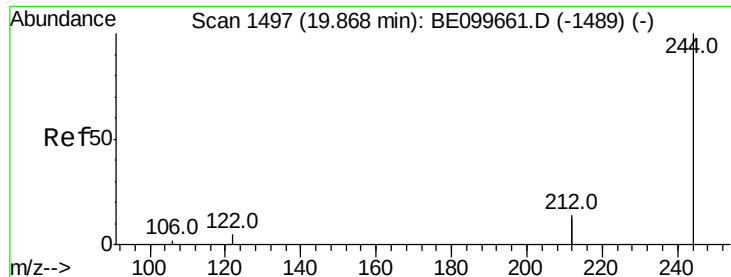
Tot Ion:240 Resp: 15008
 Ion Ratio Lower Upper
 240 100
 120 6.0 5.4 8.0
 236 27.0 21.7 32.5



#28
 Pyrene
 Concen: 0.354 ng
 RT: 19.66 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BE099670.D
 Acq: 20 May 2019 21:07

Tgt Ion:202 Resp: 13357
 Ion Ratio Lower Upper
 202 100
 200 19.3 15.4 23.2
 203 18.0 13.8 20.8





#29

Terphenyl-d14

Concen: 0.396 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

Instrument :

BNA_E

ClientSampleId :

PB119824BSD

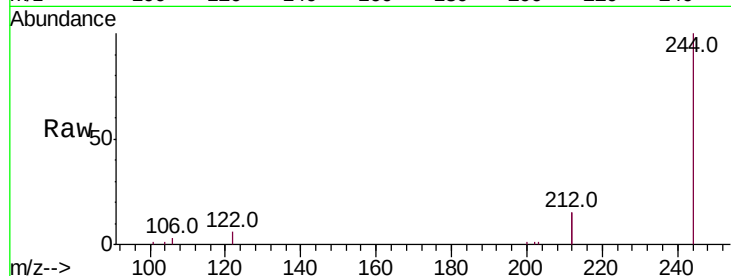
Tot Ion:244 Resp: 10608

Ion Ratio Lower Upper

244 100

212 29.6 22.5 33.7

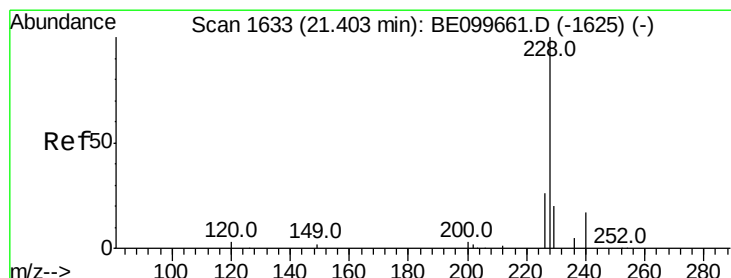
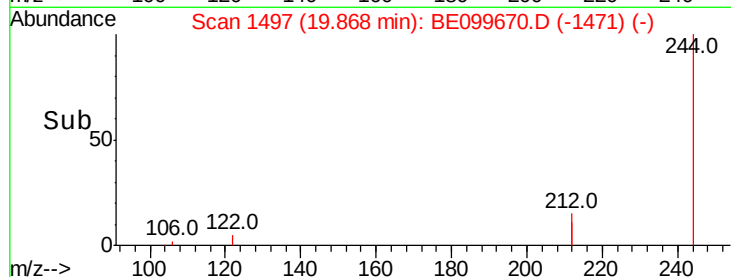
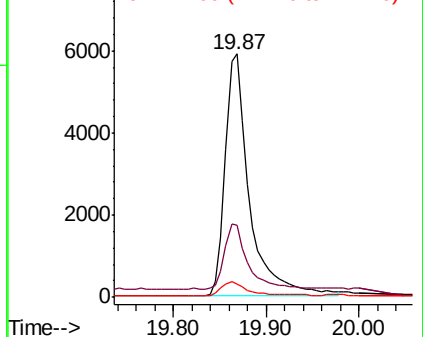
122 5.7 4.3 6.5



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: 0.394 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

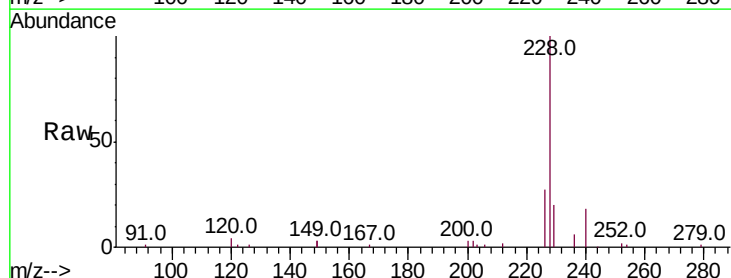
Tgt Ion:228 Resp: 16807

Ion Ratio Lower Upper

228 100

226 26.9 21.3 31.9

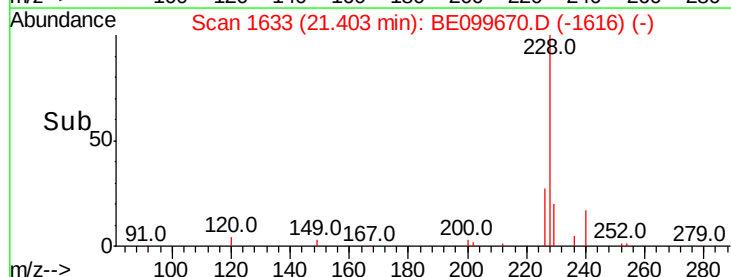
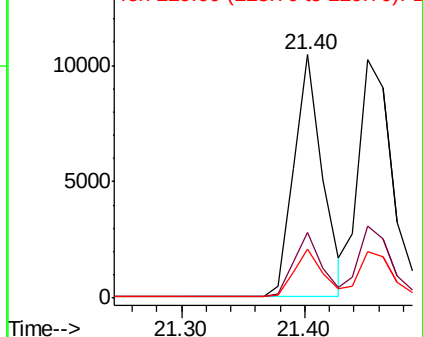
229 20.2 16.1 24.1

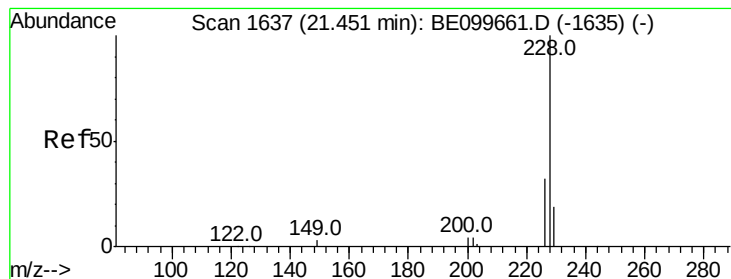


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.415 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

Instrument :

BNA_E

ClientSampleId :

PB119824BSD

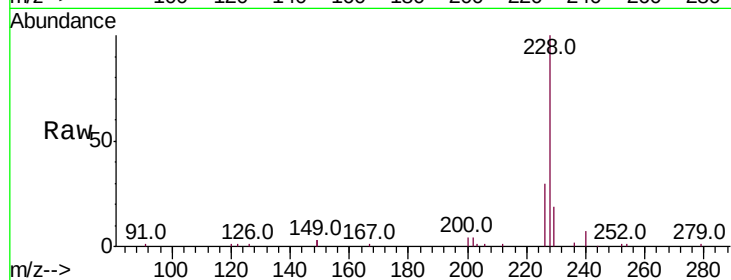
Tot Ion:228 Resp: 18935

Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

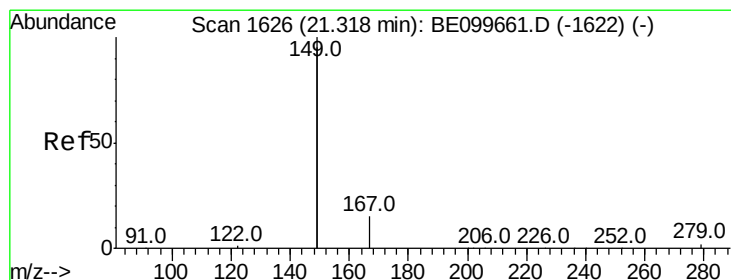
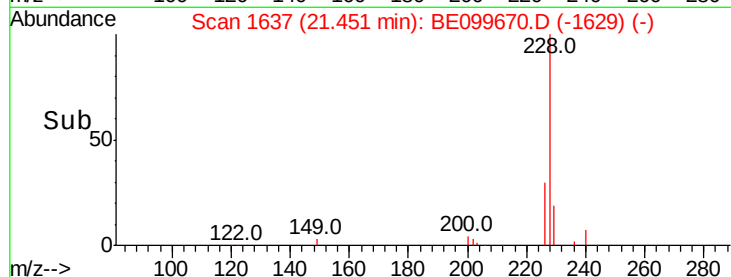
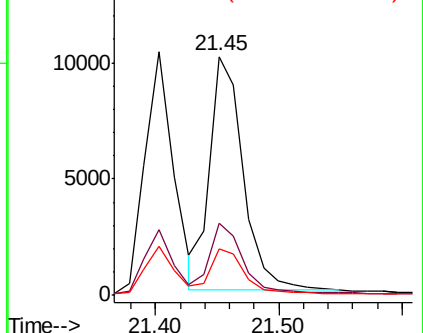
229 19.3 15.8 23.6



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: 0.313 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

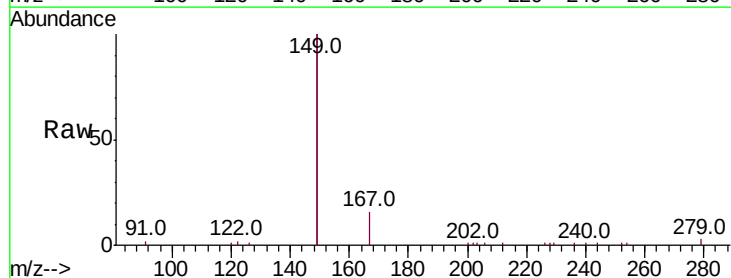
Tgt Ion:149 Resp: 15361

Ion Ratio Lower Upper

149 100

167 7.4 6.2 9.4

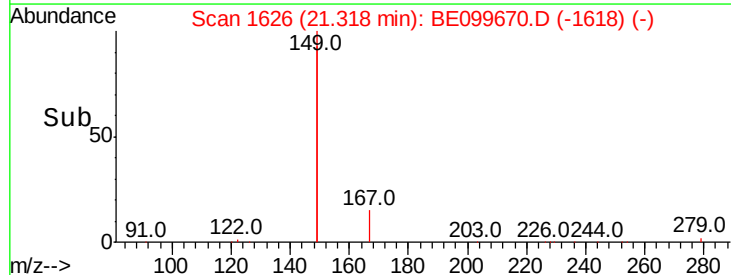
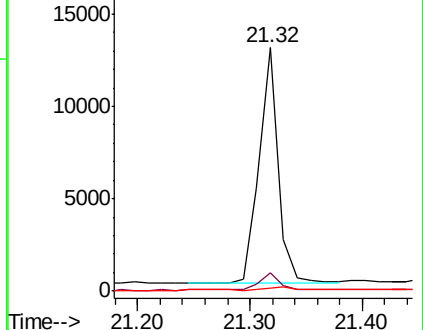
279 1.4 1.2 1.8

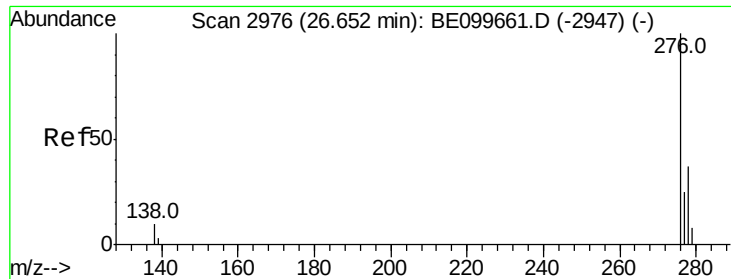


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.416 ng

RT: 26.65 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

Instrument :

BNA_E

ClientSampleId :

PB119824BSD

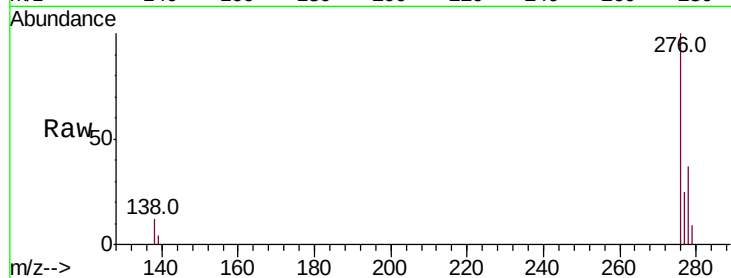
Tot Ion:276 Resp: 22874

Ion Ratio Lower Upper

276 100

138 12.1 9.6 14.4

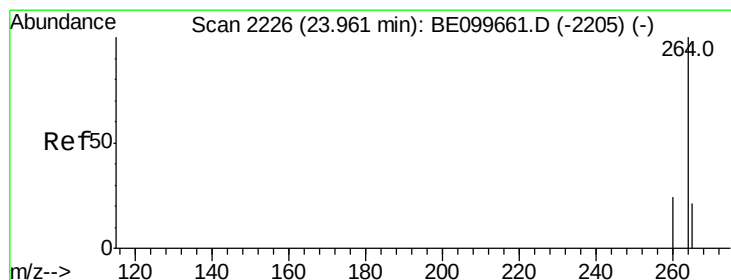
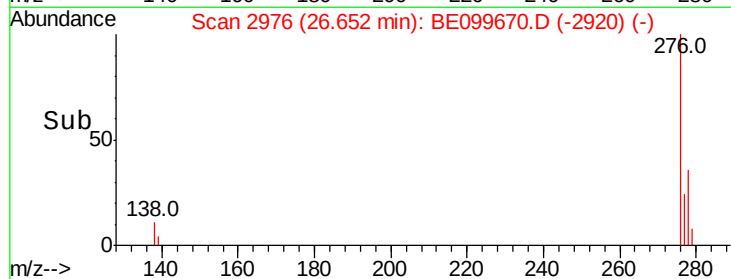
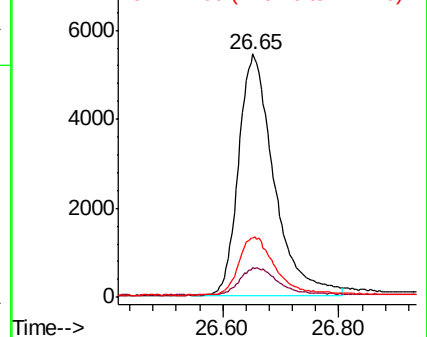
277 24.3 19.2 28.8



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: 23.96 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

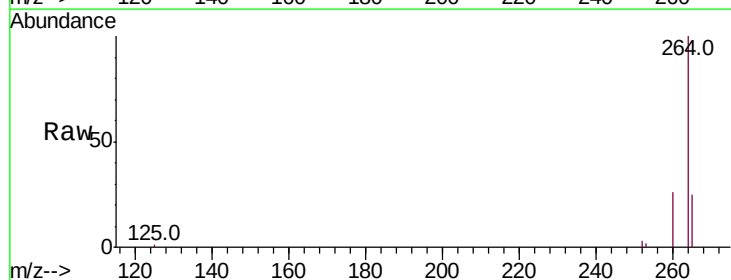
Tgt Ion:264 Resp: 18137

Ion Ratio Lower Upper

264 100

260 25.5 19.6 29.4

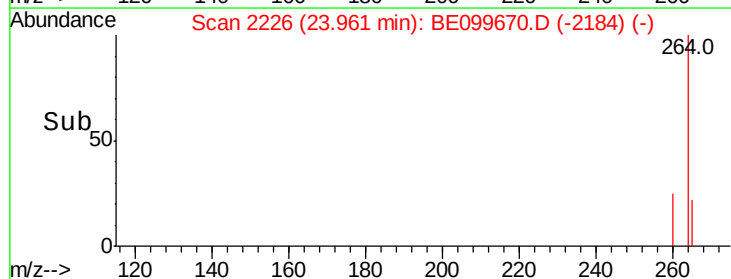
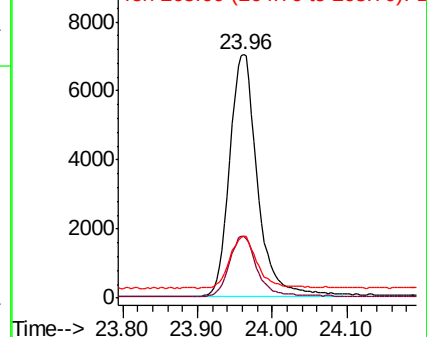
265 25.4 19.1 28.7

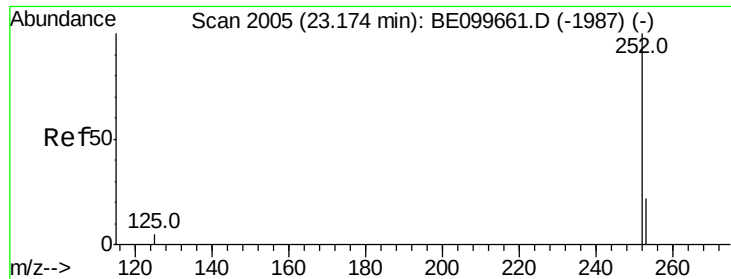


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.382 ng m

RT: 23.17 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

Instrument :

BNA_E

ClientSampleId :

PB119824BSD

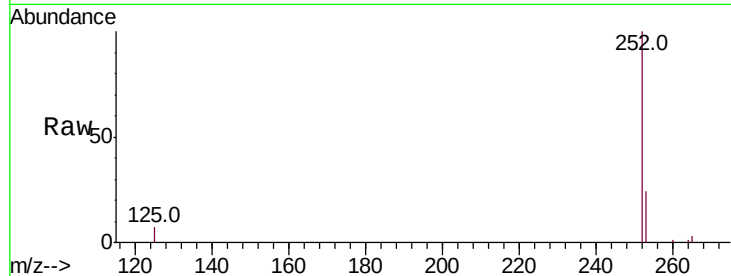
Tot Ion:252 Resp: 18976

Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.4

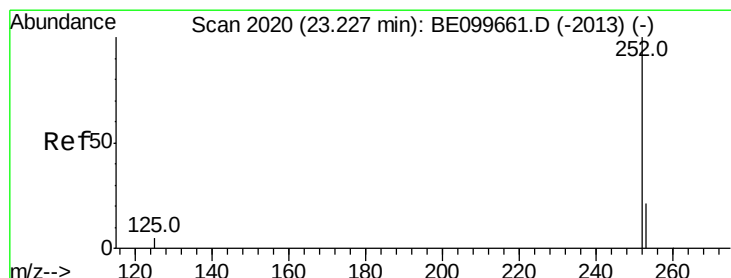
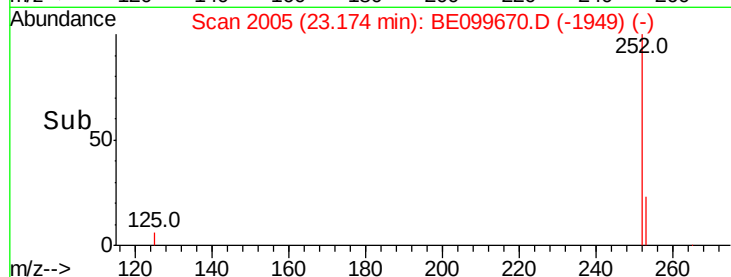
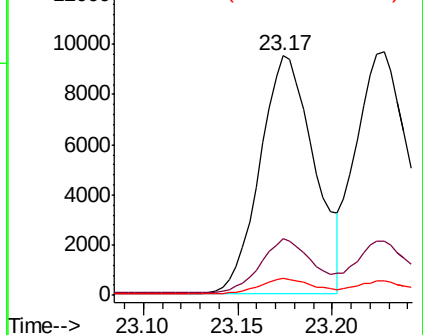
125 6.9 4.5 6.7#



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: 0.401 ng

RT: 23.23 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

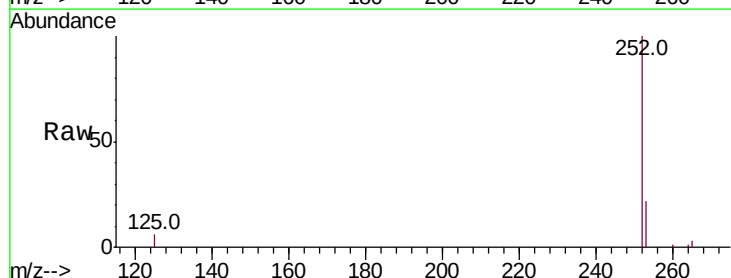
Tgt Ion:252 Resp: 20800

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

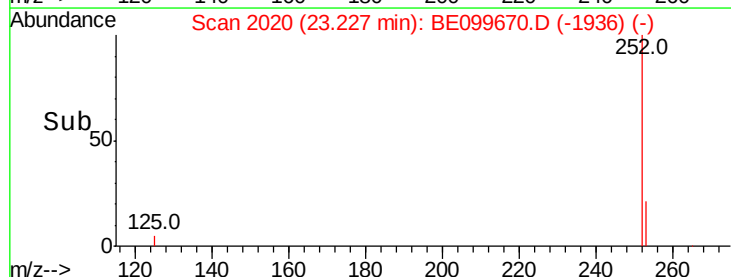
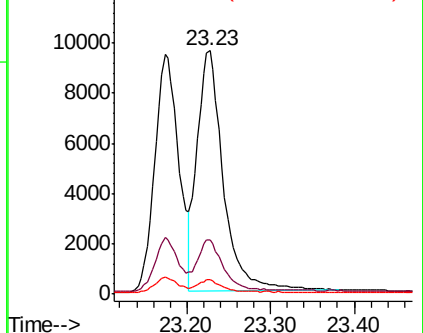
125 5.8 4.6 6.8

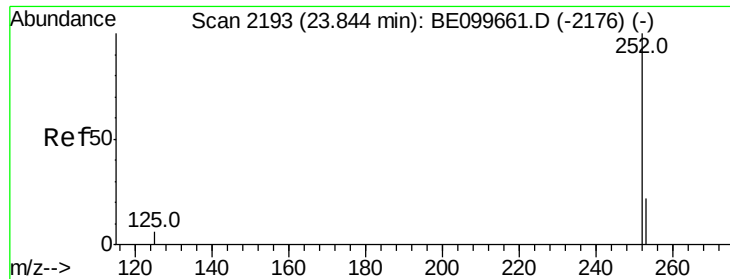


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.391 ng

RT: 23.84 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

Instrument :

BNA_E

ClientSampleId :

PB119824BSD

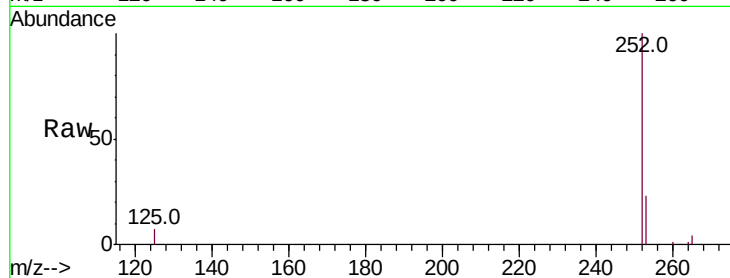
Tot Ion:252 Resp: 18688

Ion Ratio Lower Upper

252 100

253 22.7 18.9 28.3

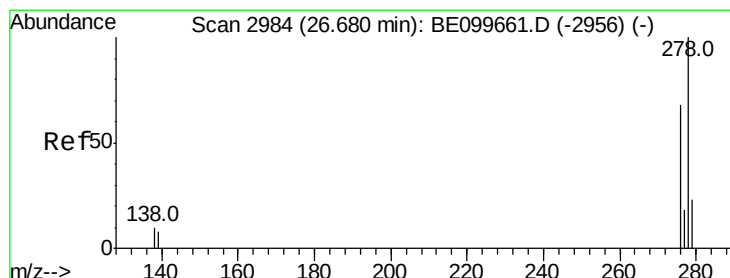
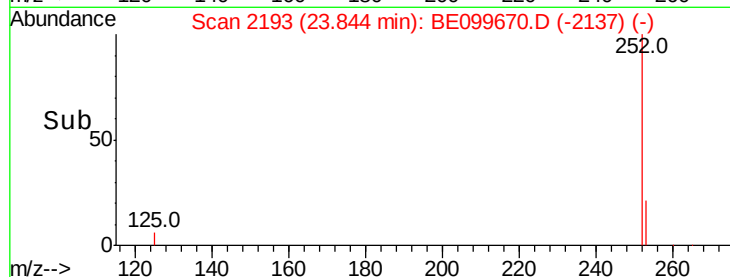
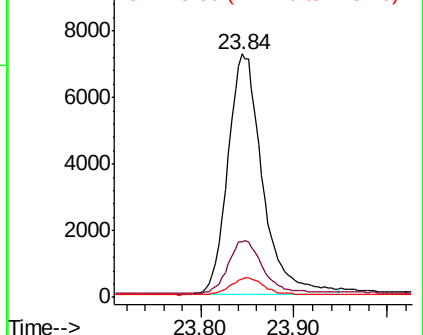
125 7.4 5.4 8.0



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: 0.378 ng

RT: 26.68 min Scan# 2984

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

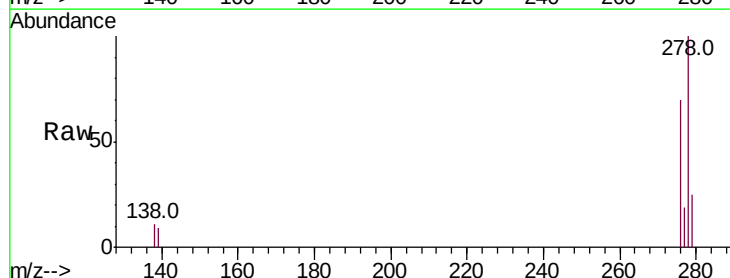
Tgt Ion:278 Resp: 18982

Ion Ratio Lower Upper

278 100

139 9.3 6.9 10.3

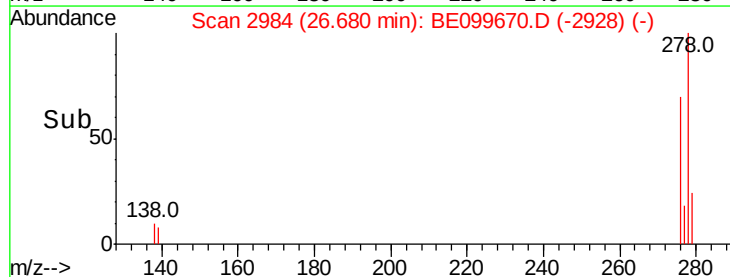
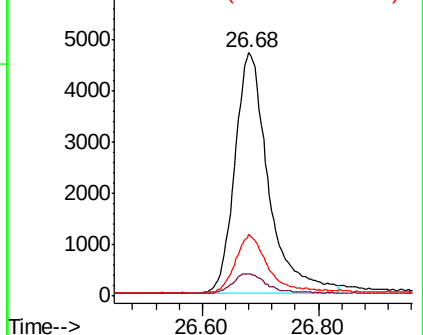
279 25.1 19.2 28.8

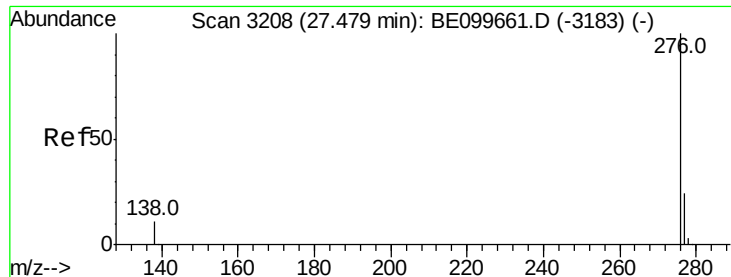


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.394 ng

RT: 27.48 min Scan# 3209

Delta R.T. 0.00 min

Lab File: BE099670.D

Acq: 20 May 2019 21:07

Instrument :

BNA_E

ClientSampleId :

PB119824BSD

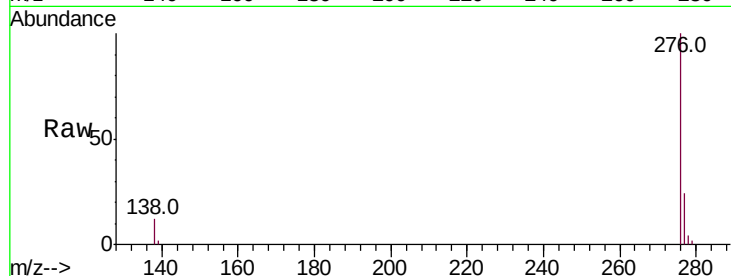
Tot Ion:276 Resp: 19991

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.6

138 11.7 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

