

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050819\
 Data File : BE099579.D
 Acq On : 8 May 2019 17:48
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 08 18:22:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 14:10:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1728	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	5966	0.40	ng	0.01
13) Acenaphthene-d10	14.50	164	4123	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11789	0.40	ng	0.00
27) Chrysene-d12	21.43	240	16278	0.40	ng	0.00
34) Perylene-d12	23.98	264	20513	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	1987	0.41	ng	0.00
5) Phenol-d6	6.99	99	2720	0.43	ng	0.00
8) Nitrobenzene-d5	8.99	82	2455	0.43	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	4172	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	1155	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	6580	0.42	ng	0.00
25) Fluoranthene-d10	19.28	212	64009	0.40	ng	0.00
29) Terphenyl-d14	19.87	244	13611	0.45	ng	0.00

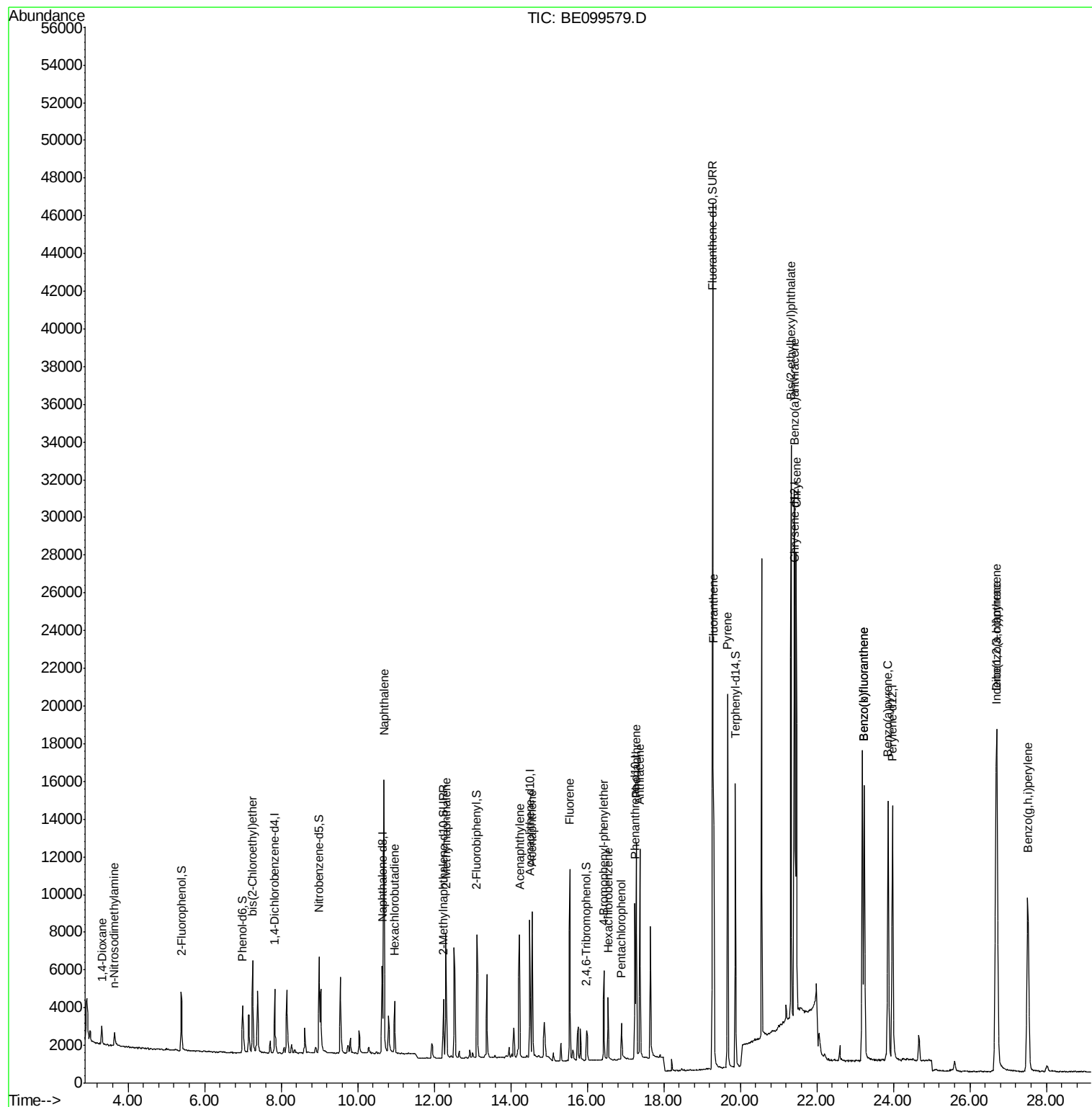
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	958	0.392	ng	98
3) n-Nitrosodimethylamine	3.64	42	608	0.376	ng	# 92
6) bis(2-Chloroethyl)ether	7.25	93	2066	0.393	ng	97
9) Naphthalene	10.69	128	26933	0.426	ng	99
10) Hexachlorobutadiene	10.96	225	1862	0.406	ng	98
12) 2-Methylnaphthalene	12.31	142	4512	0.421	ng	95
16) Acenaphthylene	14.23	152	8012	0.403	ng	99
17) Acenaphthene	14.56	154	4560	0.410	ng	97
18) Fluorene	15.54	166	6574	0.414	ng	99
20) 4-Bromophenyl-phenylether	16.44	248	2660	0.397	ng	# 73
21) Hexachlorobenzene	16.55	284	2740	0.411	ng	98
22) Pentachlorophenol	16.89	266	1382	0.504	ng	93
23) Phenanthrene	17.28	178	12213	0.420	ng	99
24) Anthracene	17.38	178	11524	0.412	ng	99
26) Fluoranthene	19.30	202	18643	0.417	ng	100
28) Pyrene	19.67	202	19614	0.450	ng	100
30) Benzo(a)anthracene	21.41	228	23078	0.458	ng	99
31) Chrysene	21.46	228	22549	0.453	ng	98
32) Bis(2-ethylhexyl)phthalate	21.33	149	36348	0.455	ng	100
33) Indeno(1,2,3-cd)pyrene	26.68	276	29616	0.501	ng	# 95
35) Benzo(b)fluoranthene	23.24	252	23203	0.410	ng	99
36) Benzo(k)fluoranthene	23.24	252	23301	0.418	ng	99
37) Benzo(a)pyrene	23.86	252	23390	0.429	ng	# 97
38) Dibenzo(a,h)anthracene	26.71	278	24541	0.435	ng	# 97
39) Benzo(g,h,i)perylene	27.51	276	24246	0.429	ng	98

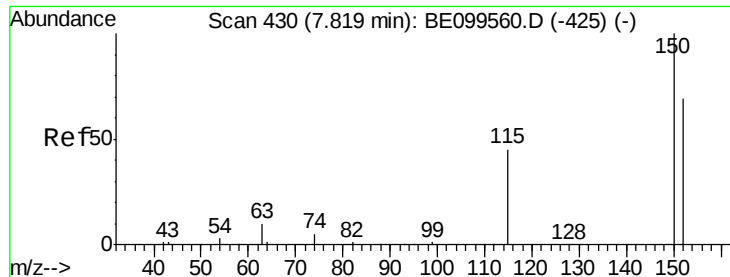
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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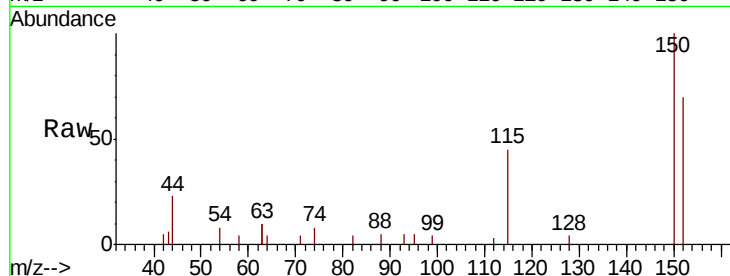


#1

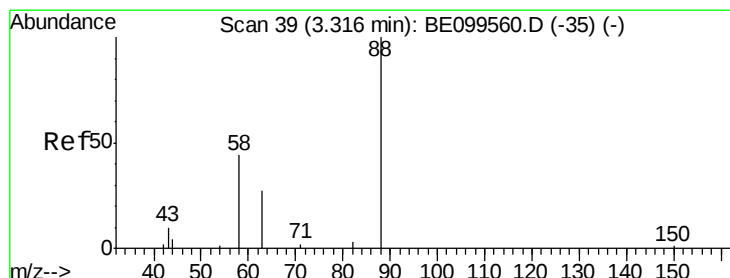
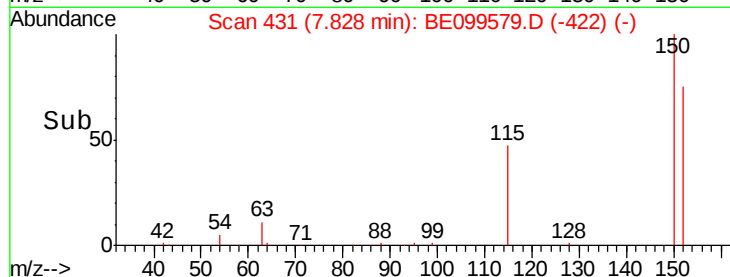
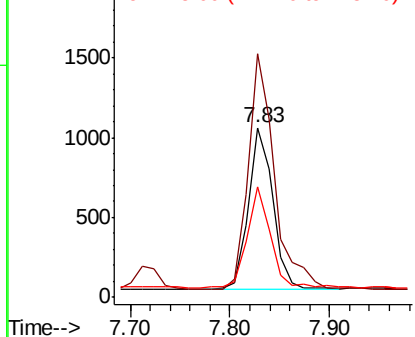
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.01 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1728
Ion Ratio Lower Upper
152 100
150 143.6 113.8 170.6
115 64.8 54.2 81.2



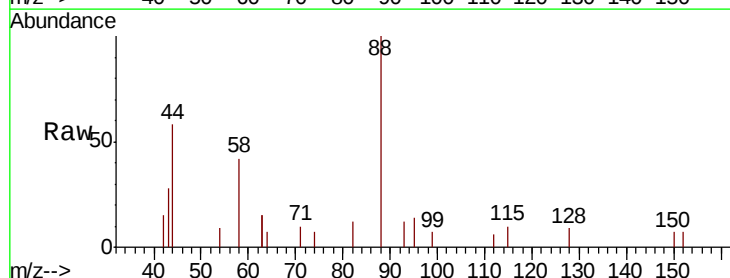
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



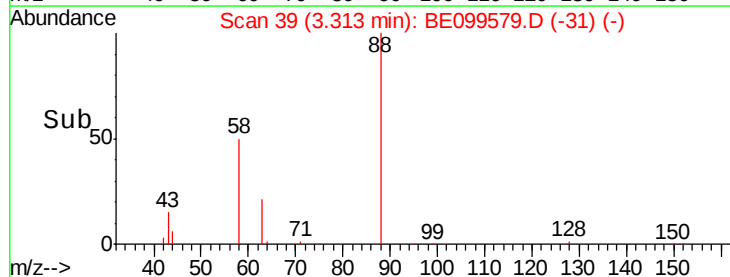
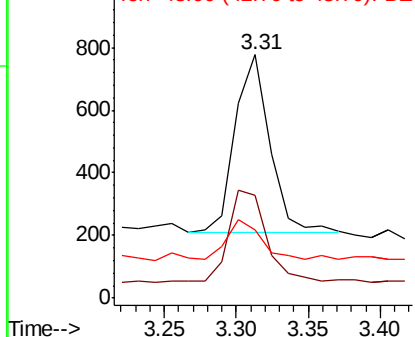
#2

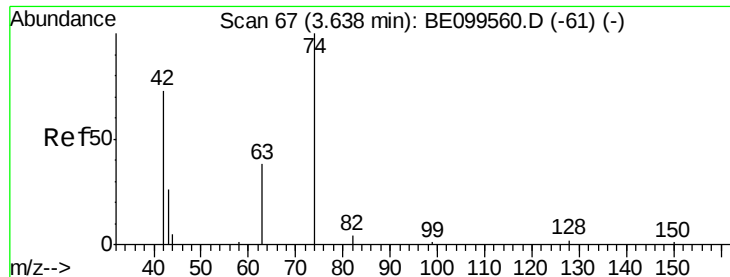
1,4-Dioxane
Concen: 0.392 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion: 88 Resp: 958
Ion Ratio Lower Upper
88 100
58 56.8 46.6 69.8
43 26.7 20.3 30.5



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: 0.376 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.00 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

Instrument :

BNA_E

ClientSampleId :

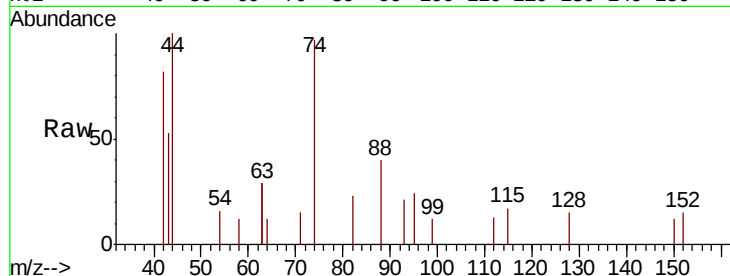
Tot Ion: 42 Resp: 608

Ion Ratio Lower Upper

42 100

74 162.0 121.3 181.9

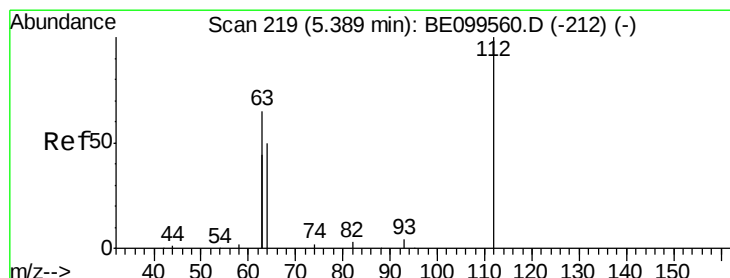
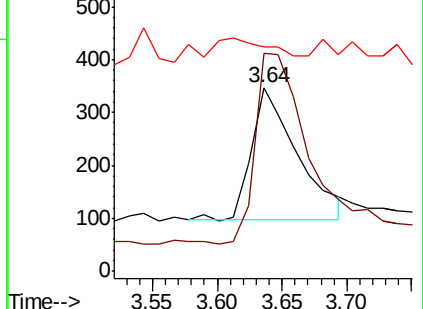
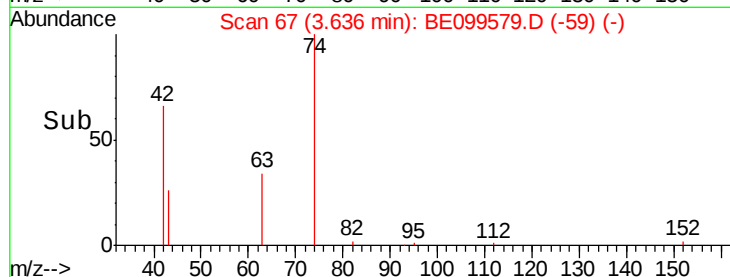
44 0.0 0.0 0.0



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: 0.415 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

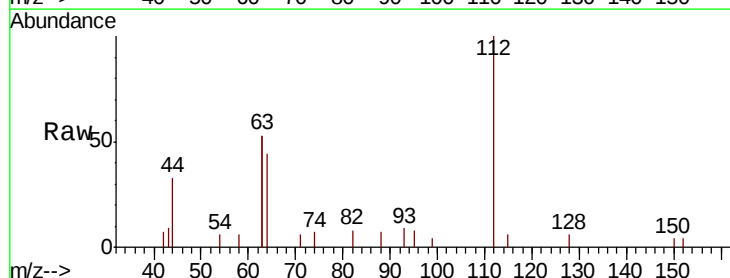
Tgt Ion: 112 Resp: 1987

Ion Ratio Lower Upper

112 100

64 57.6 46.3 69.5

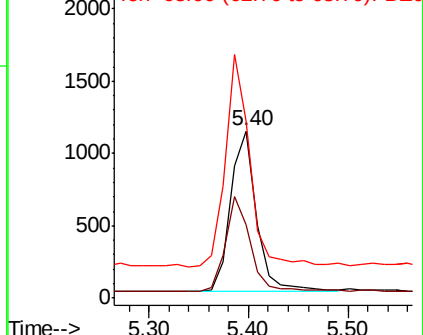
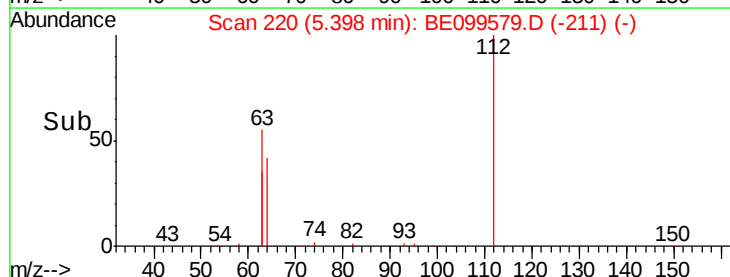
63 125.8 99.6 149.4

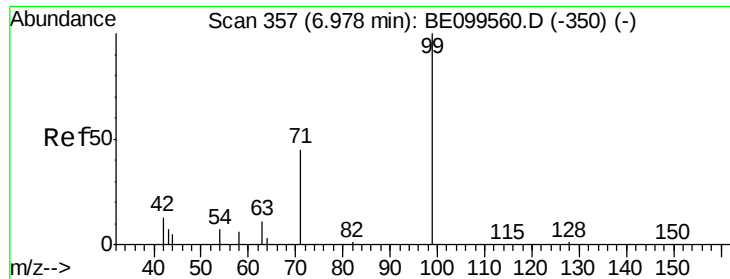


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.431 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

Instrument :

BNA_E

ClientSampleId :

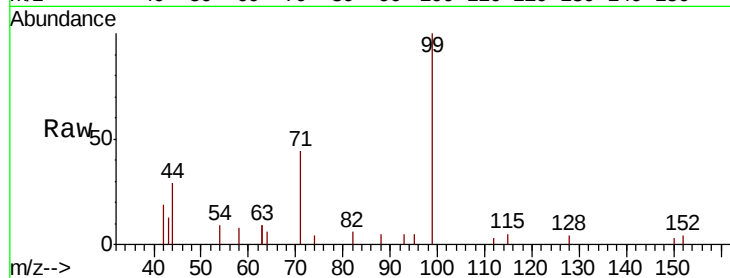
Tot Ion: 99 Resp: 2720

Ion Ratio Lower Upper

99 100

42 15.1 13.4 20.0

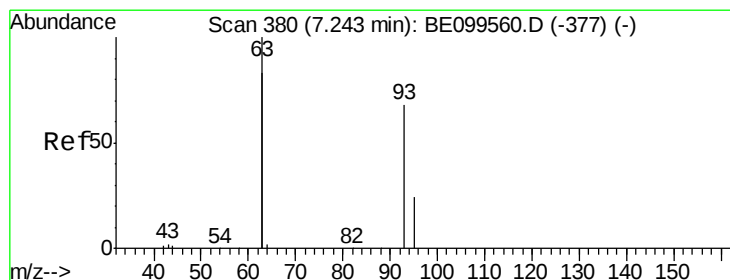
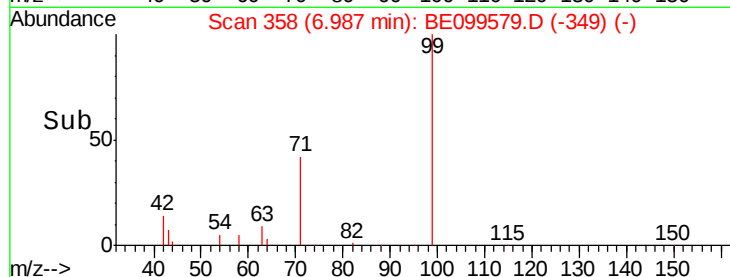
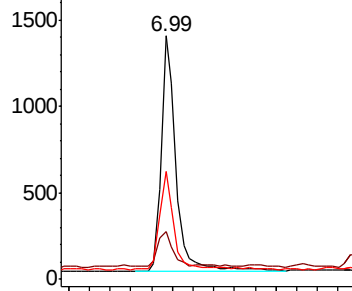
71 40.5 34.2 51.2



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: 0.393 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.01 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

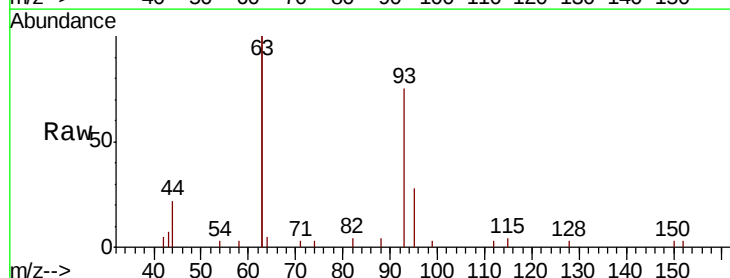
Tgt Ion: 93 Resp: 2066

Ion Ratio Lower Upper

93 100

63 267.1 209.0 313.4

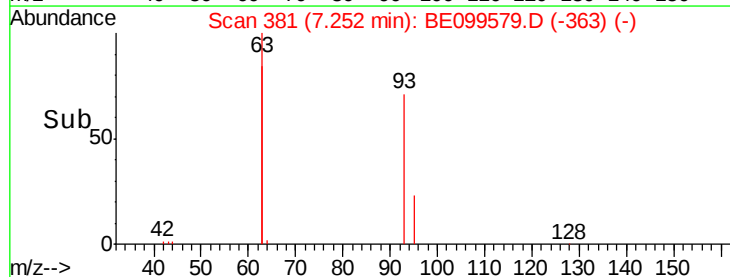
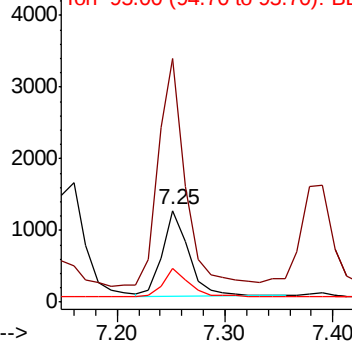
95 32.4 26.9 40.3

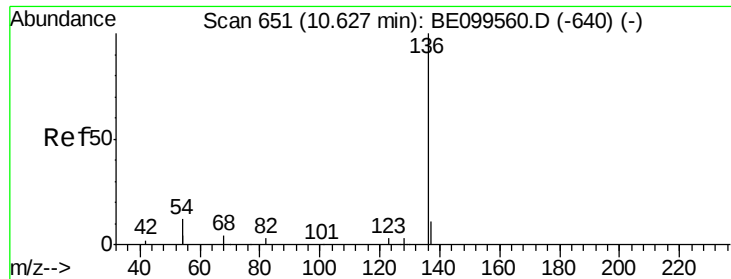


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.64 min Scan# 652

Delta R.T. 0.01 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 5966

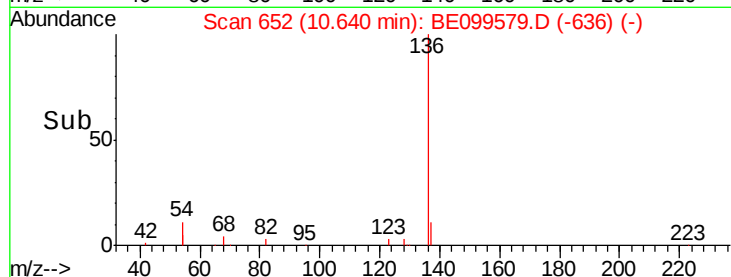
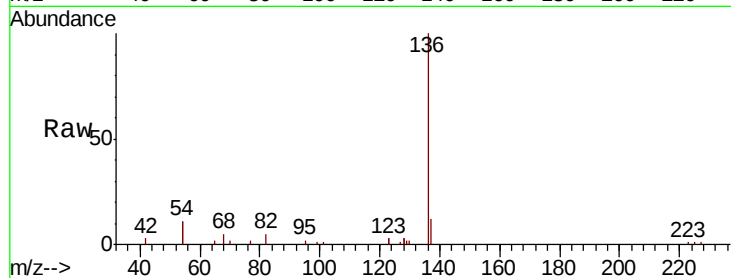
Ion Ratio Lower Upper

136 100

137 11.7 10.0 15.0

54 21.8 18.6 28.0

68 5.3 4.6 6.8

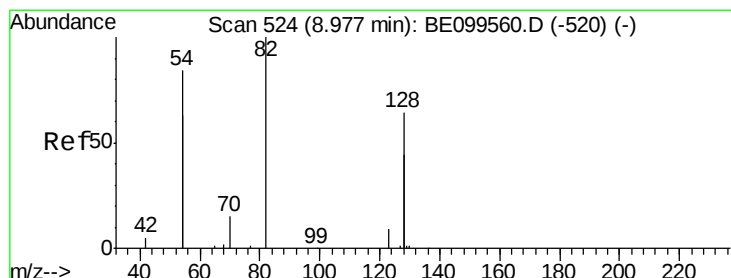
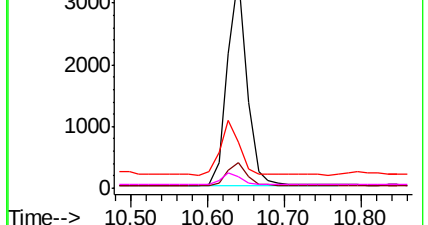


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.427 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

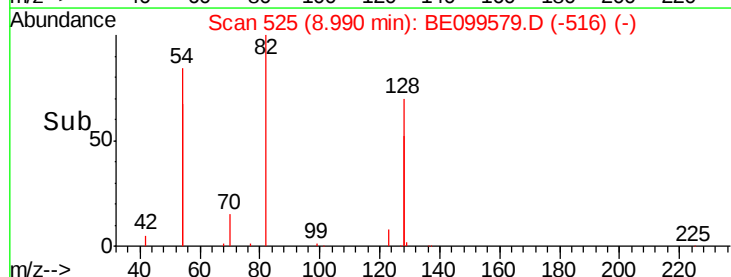
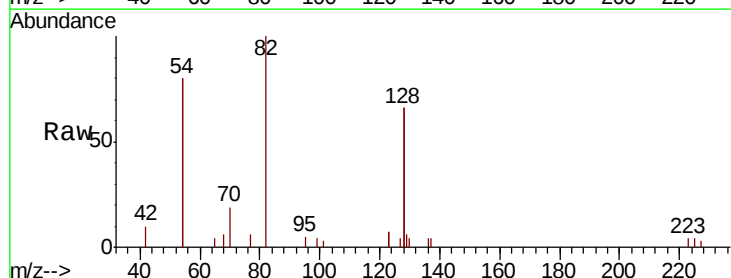
Tgt Ion: 82 Resp: 2455

Ion Ratio Lower Upper

82 100

128 132.3 97.6 146.4

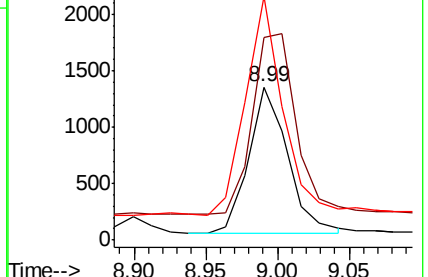
54 159.4 127.4 191.2

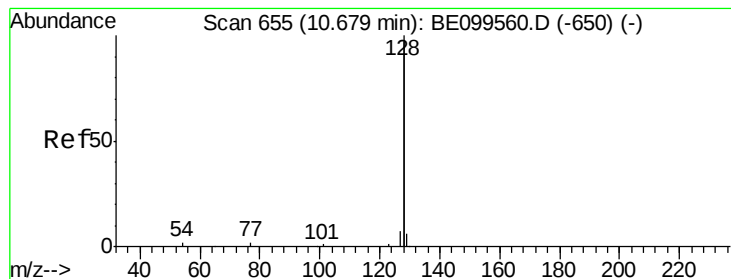


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.426 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.01 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

Instrument :

BNA_E

ClientSampleId :

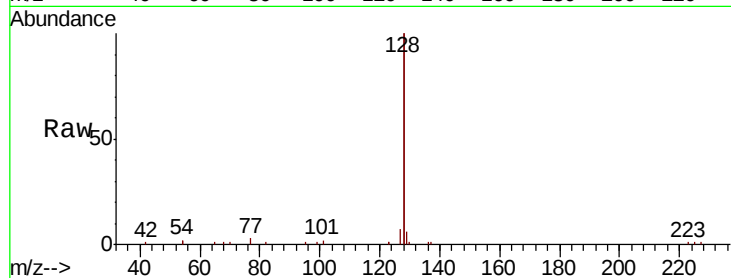
Tot Ion:128 Resp: 26933

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

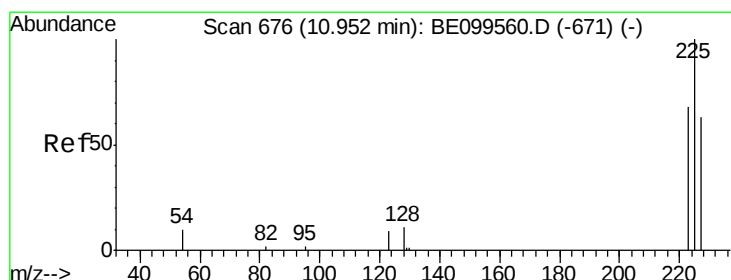
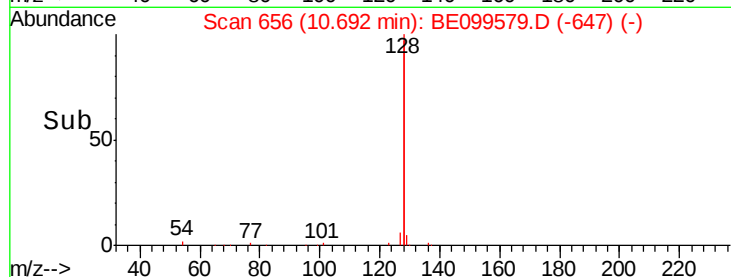
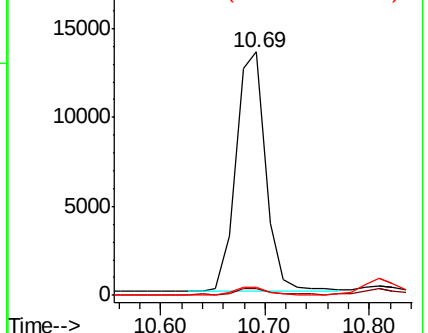
127 3.4 3.0 4.4



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: 0.406 ng

RT: 10.96 min Scan# 677

Delta R.T. 0.01 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

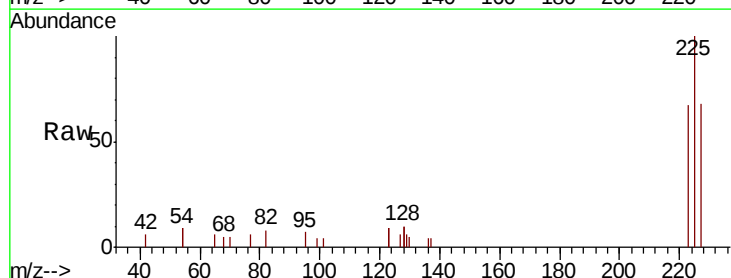
Tgt Ion:225 Resp: 1862

Ion Ratio Lower Upper

225 100

223 65.4 53.0 79.6

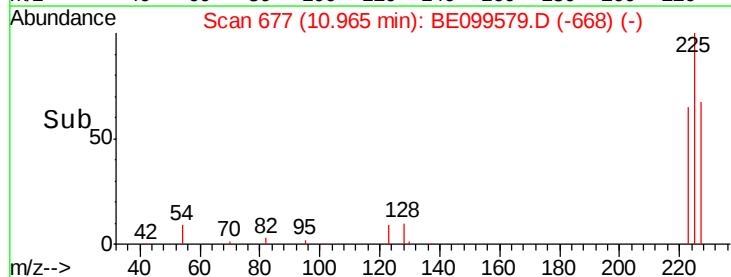
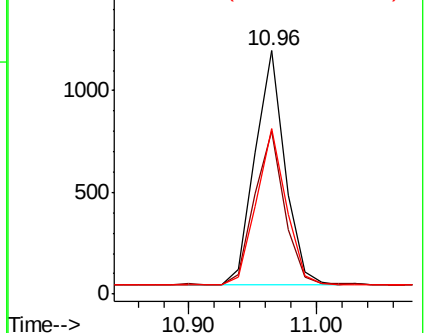
227 67.1 51.4 77.0

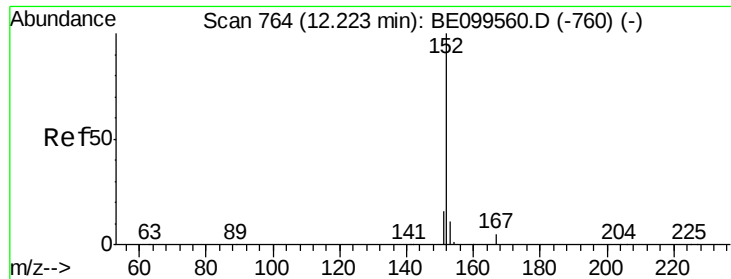


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

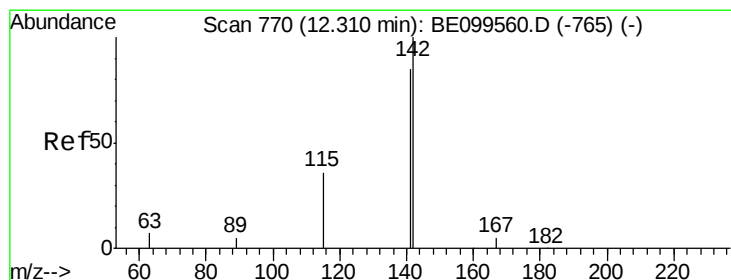
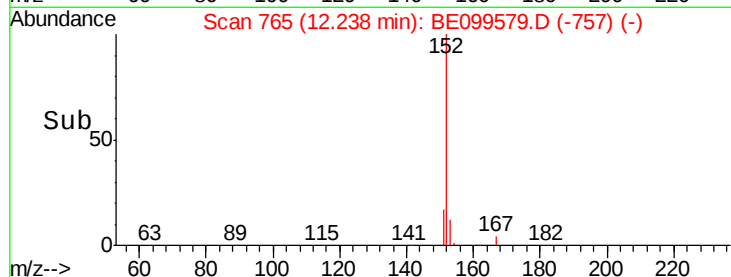
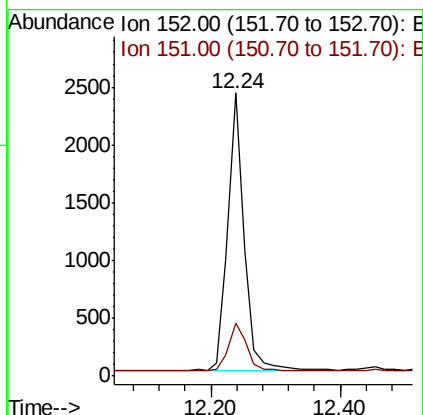
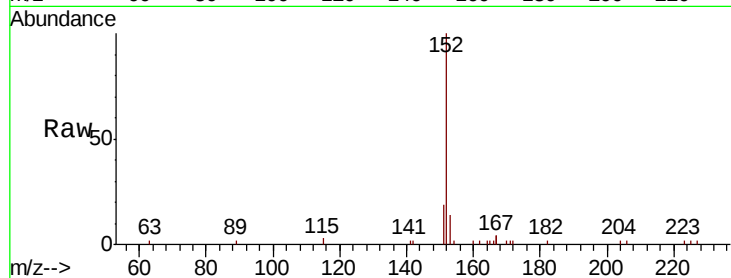




#11
 2-Methylnaphthalene-d10
 Concen: 0.401 ng
 RT: 12.24 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BE099579.D
 Acq: 8 May 2019 17:48

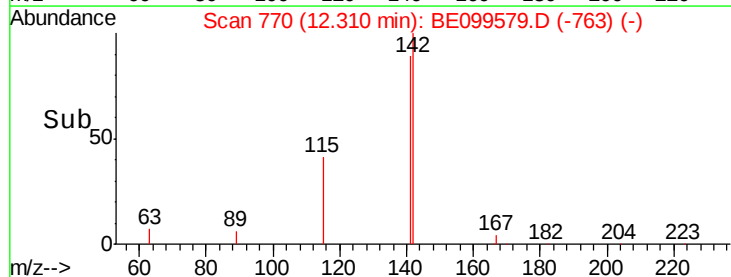
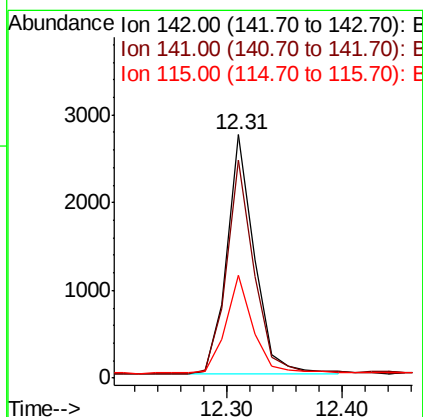
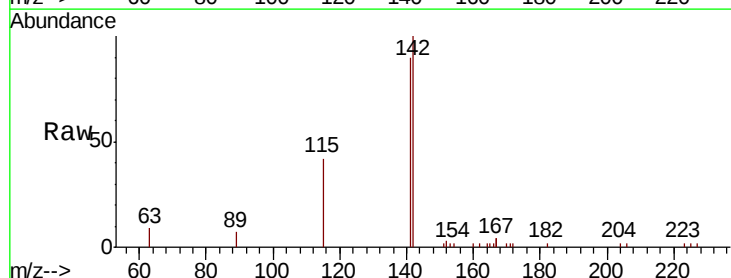
Instrument :
 BNA_E
 ClientSampled :

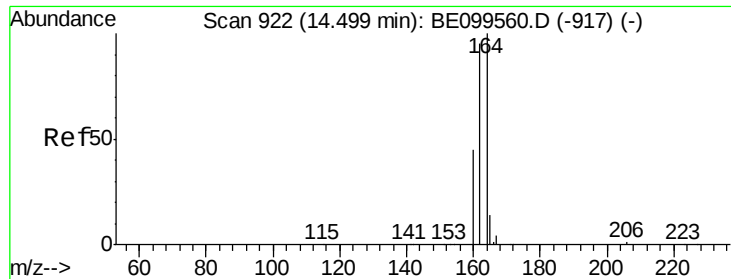
Tot Ion:152 Resp: 4172
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.8 23.8



#12
 2-Methylnaphthalene
 Concen: 0.421 ng
 RT: 12.31 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BE099579.D
 Acq: 8 May 2019 17:48

Tgt Ion:142 Resp: 4512
 Ion Ratio Lower Upper
 142 100
 141 89.5 68.1 102.1
 115 42.2 30.8 46.2

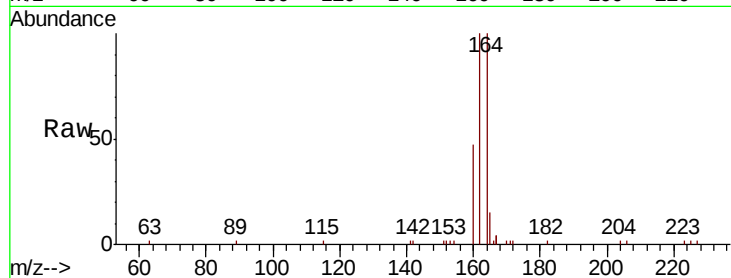




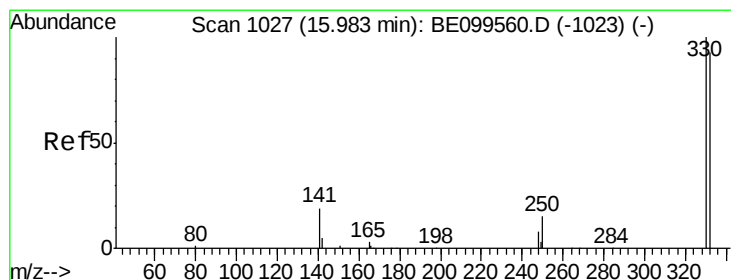
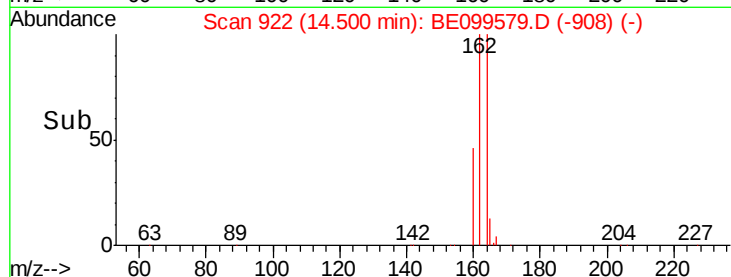
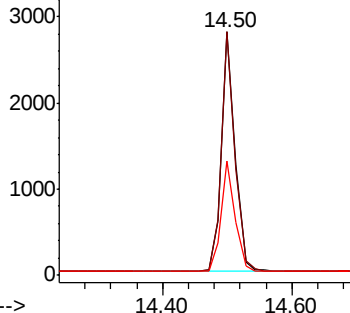
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 4123
Ion Ratio Lower Upper
164 100
162 100.2 76.4 114.6
160 46.9 36.6 55.0

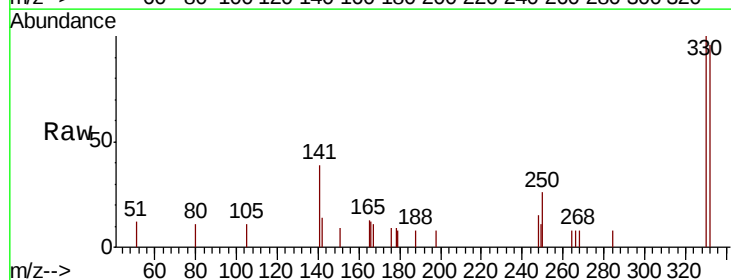


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

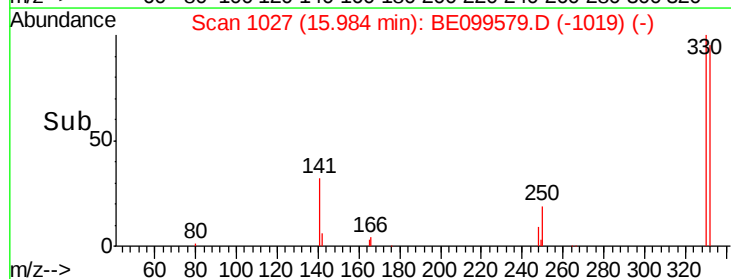
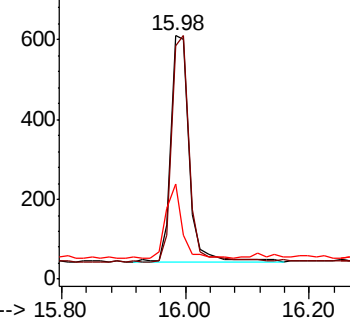


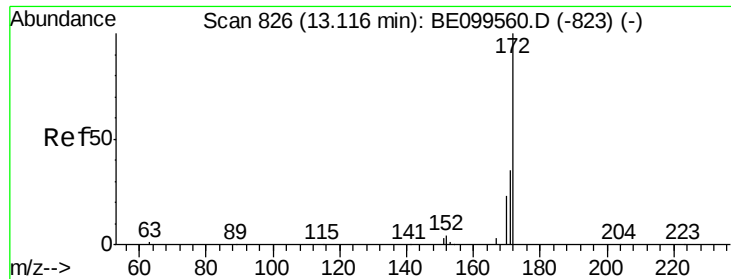
#14
2,4,6-Tribromophenol
Concen: 0.421 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:330 Resp: 1155
Ion Ratio Lower Upper
330 100
332 97.4 77.7 116.5
141 27.7 26.1 39.1



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

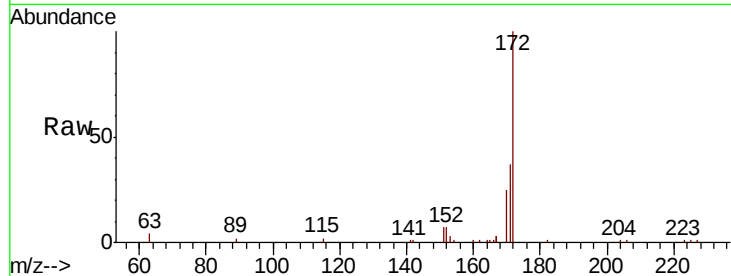




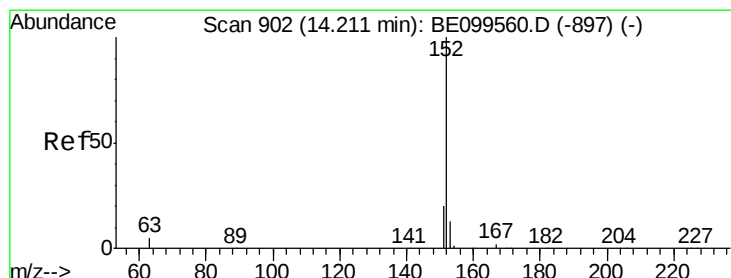
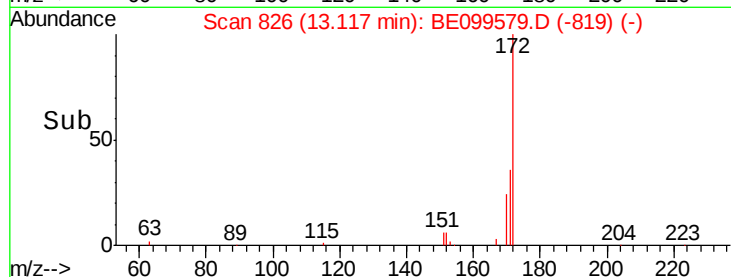
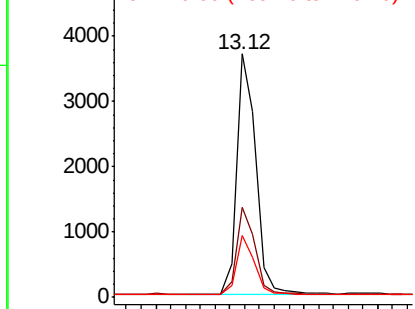
#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6580
Ion Ratio Lower Upper
172 100
171 36.7 28.4 42.6
170 25.4 18.8 28.2

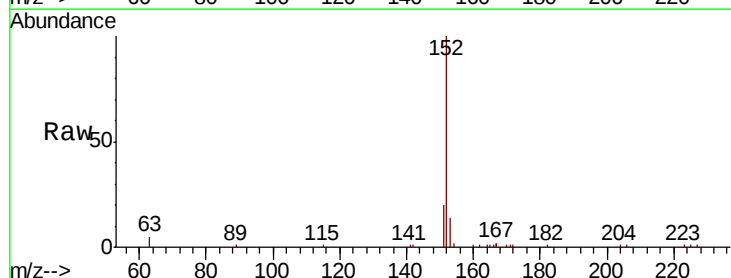


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

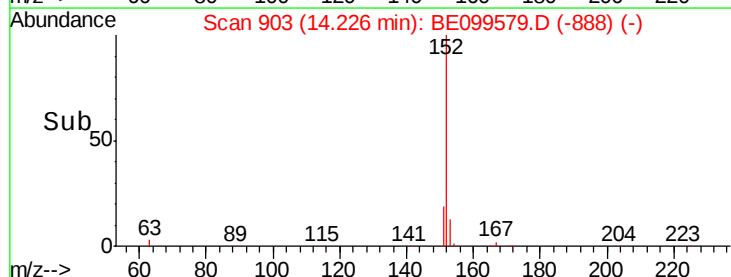
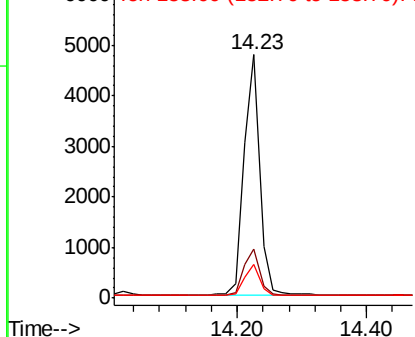


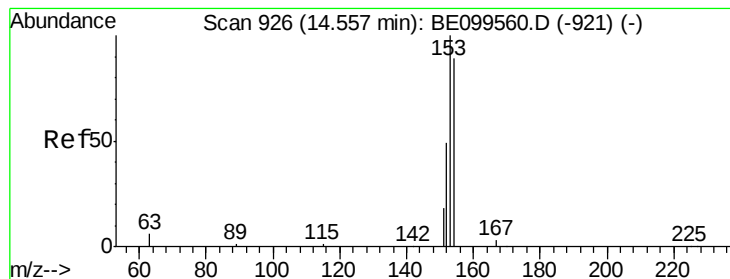
#16
Acenaphthylene
Concen: 0.403 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:152 Resp: 8012
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8
153 12.9 10.5 15.7



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: 0.410 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.00 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

Instrument :

BNA_E

ClientSampleId :

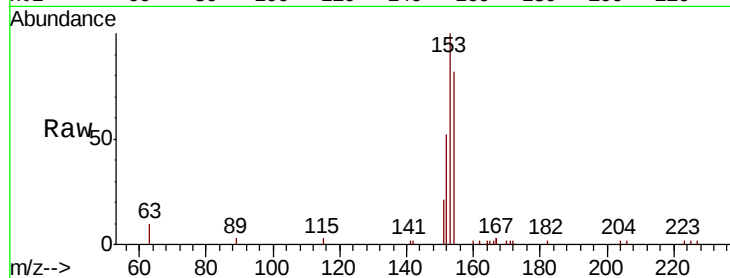
Tot Ion:154 Resp: 4560

Ion Ratio Lower Upper

154 100

153 114.8 89.7 134.5

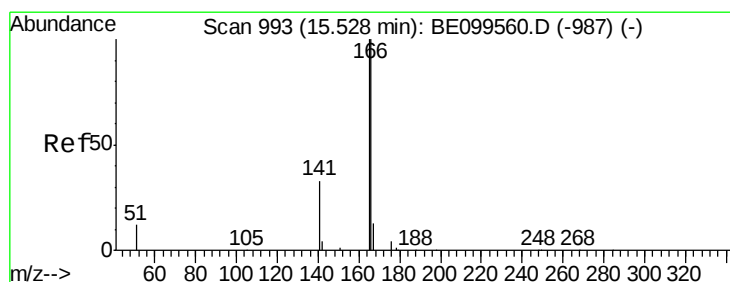
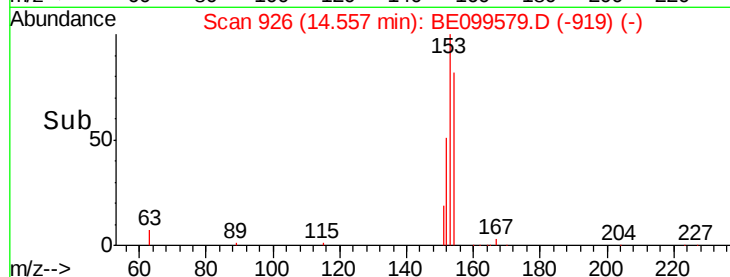
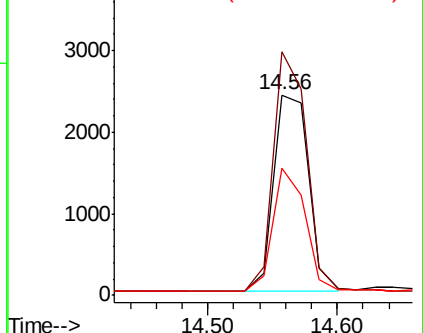
152 57.3 43.9 65.9



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: 0.414 ng

RT: 15.54 min Scan# 994

Delta R.T. 0.01 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

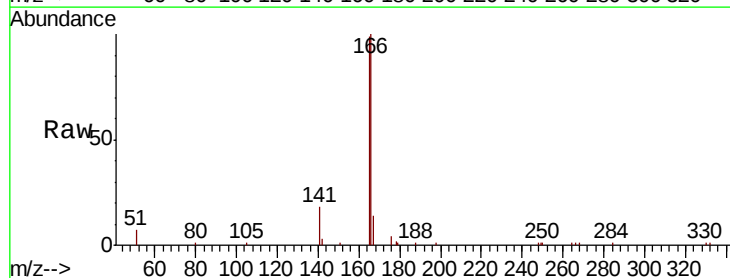
Tgt Ion:166 Resp: 6574

Ion Ratio Lower Upper

166 100

165 99.6 79.0 118.6

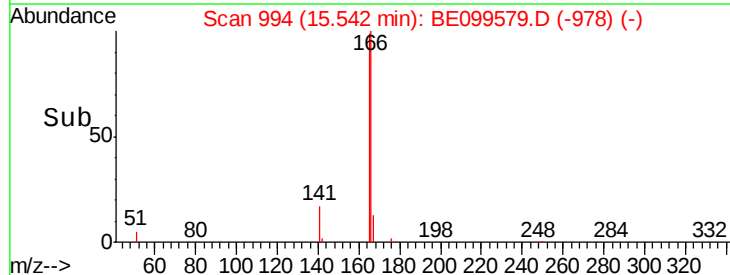
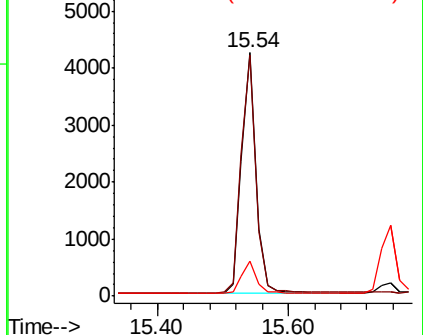
167 13.0 11.5 17.3

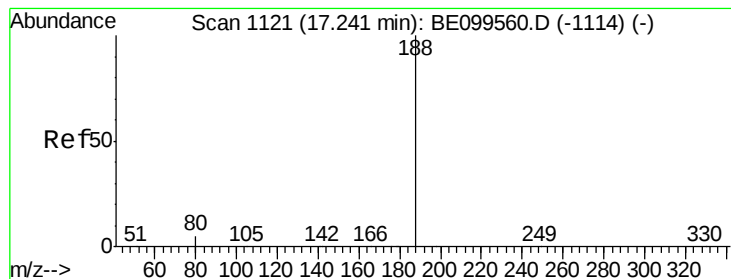


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

Instrument :

BNA_E

ClientSampleId :

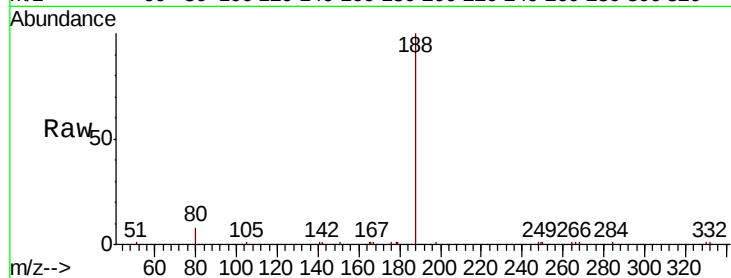
Tot Ion:188 Resp: 11789

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

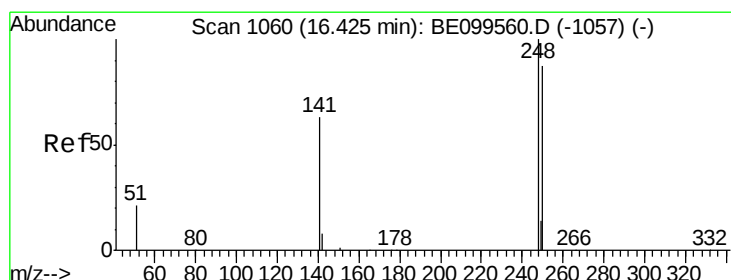
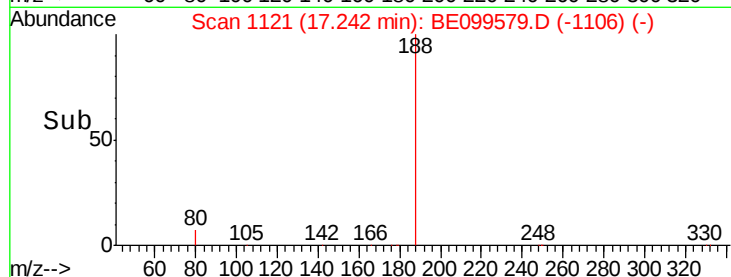
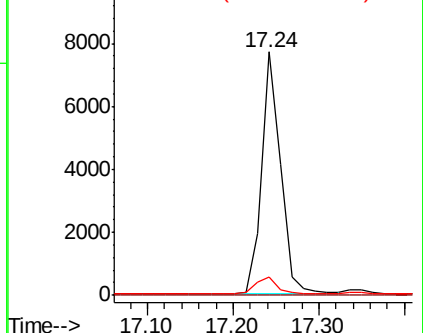
80 7.7 4.6 7.0#



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: 0.397 ng

RT: 16.44 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

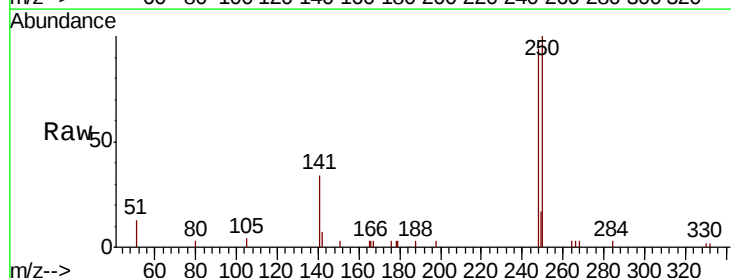
Tgt Ion:248 Resp: 2660

Ion Ratio Lower Upper

248 100

250 106.2 70.0 105.0#

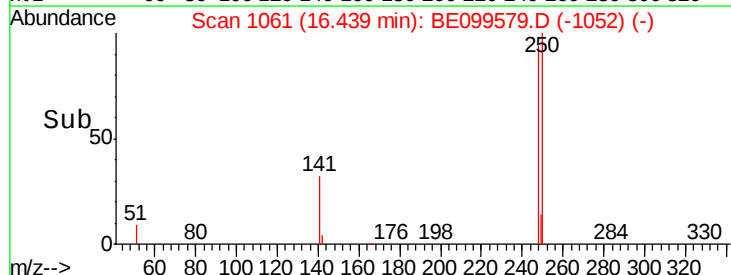
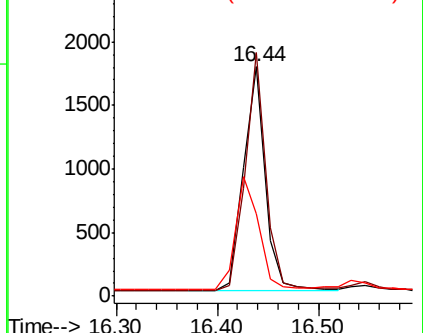
141 35.8 51.8 77.8#

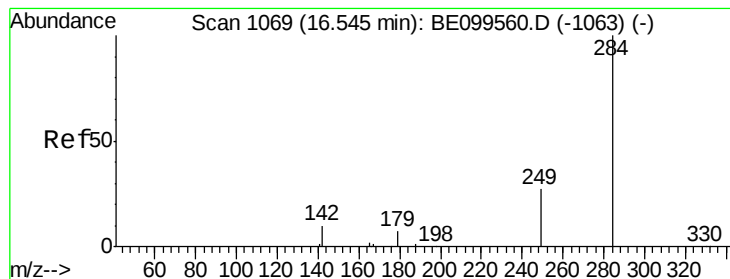


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.411 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

Instrument :

BNA_E

ClientSampleId :

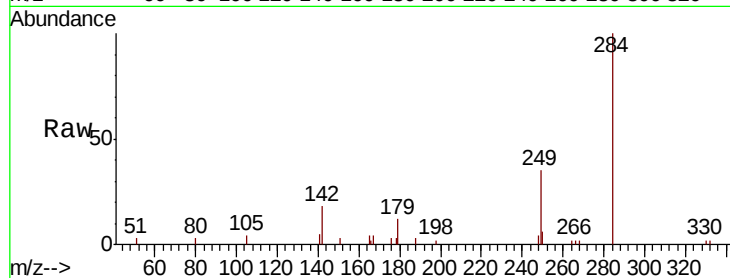
Tot Ion:284 Resp: 2740

Ion Ratio Lower Upper

284 100

142 24.9 19.5 29.3

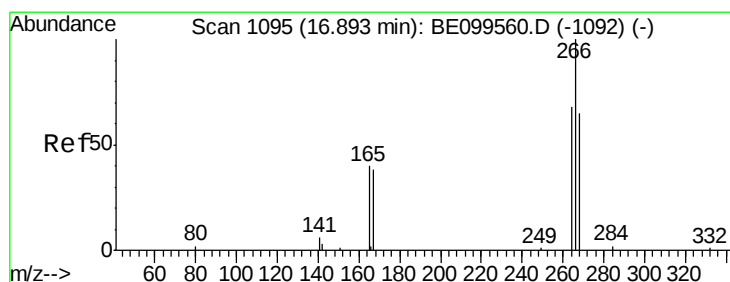
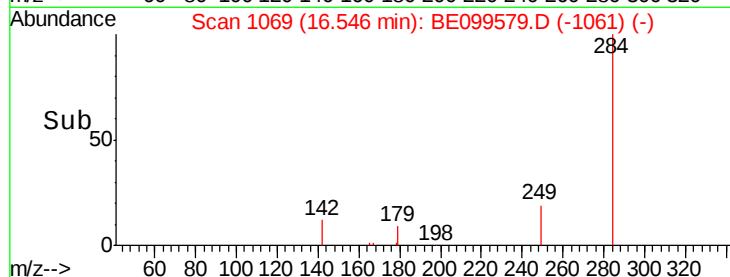
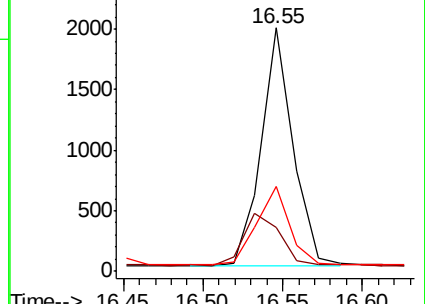
249 33.8 26.2 39.2



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: 0.504 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

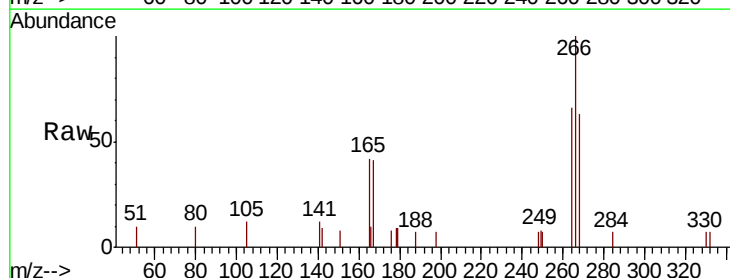
Tgt Ion:266 Resp: 1382

Ion Ratio Lower Upper

266 100

264 66.4 56.6 84.8

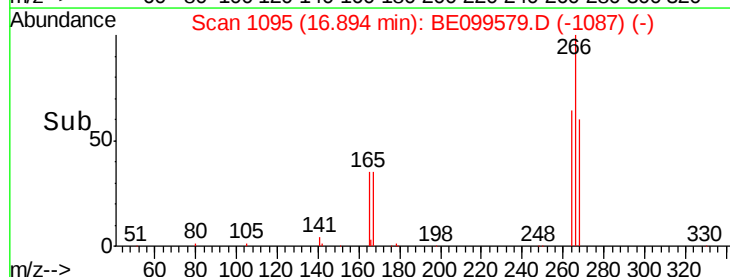
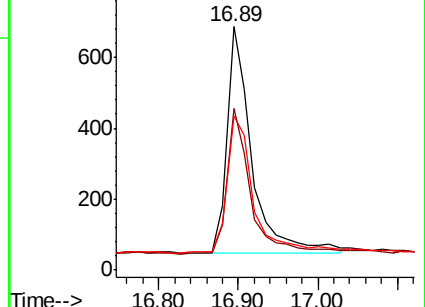
268 63.3 55.8 83.8

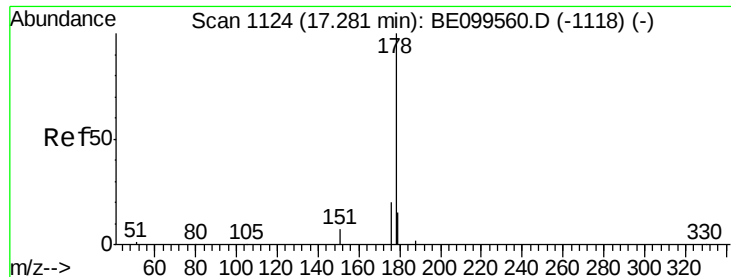


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.420 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

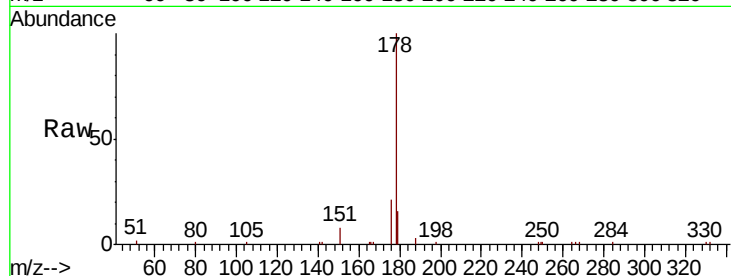
Instrument :

BNA_E

ClientSampled :

Tot Ion:178 Resp: 12213

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.4	12.5	18.7

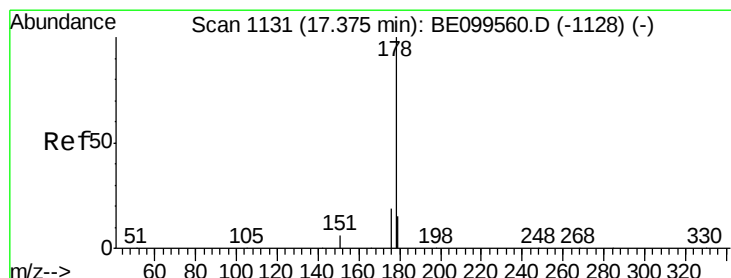
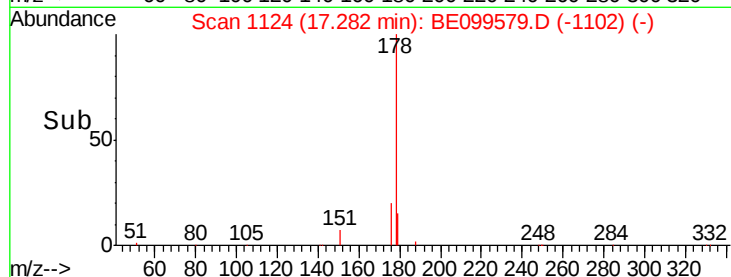
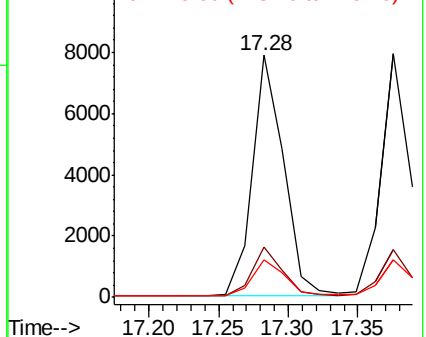


Abundance

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: 0.412 ng

RT: 17.38 min Scan# 1131

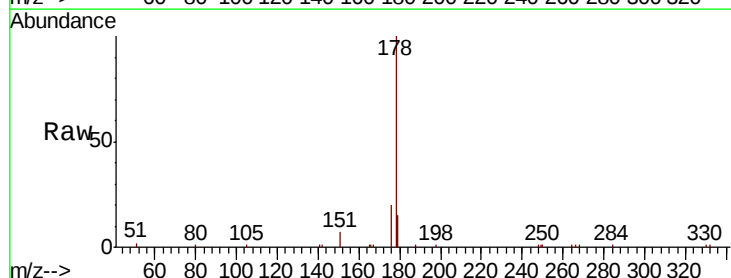
Delta R.T. 0.00 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

Tgt Ion:178 Resp: 11524

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.3	12.2	18.4

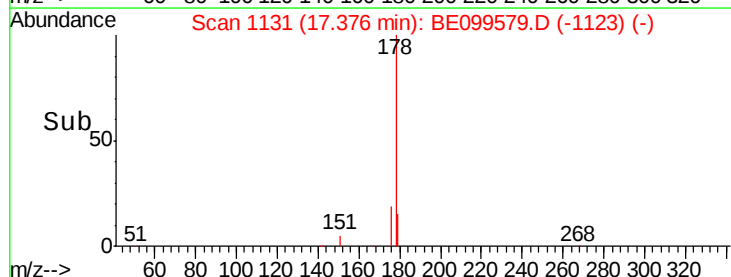
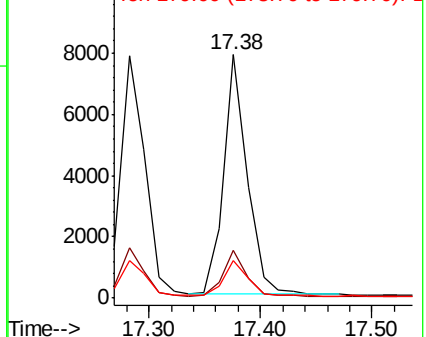


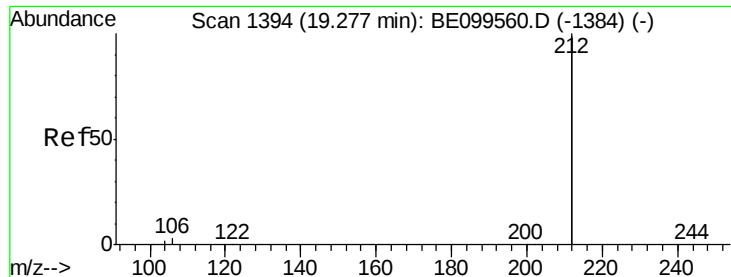
Abundance

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





#25

Fluoranthene-d10

Concen: 0.403 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

Instrument :

BNA_E

ClientSampleId :

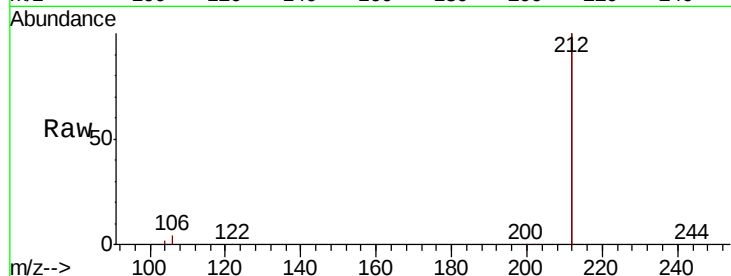
Tot Ion:212 Resp: 64009

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

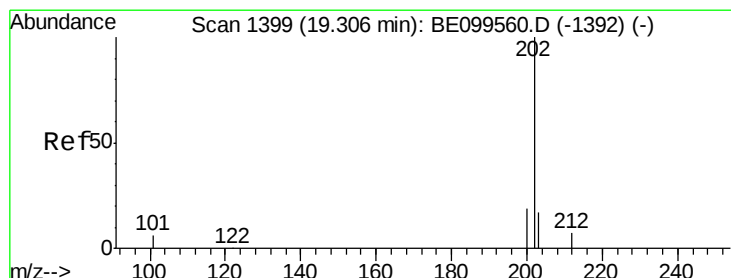
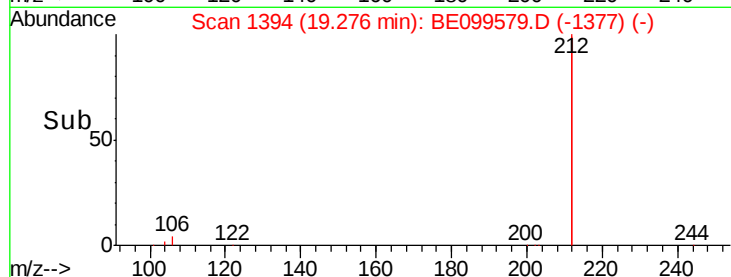
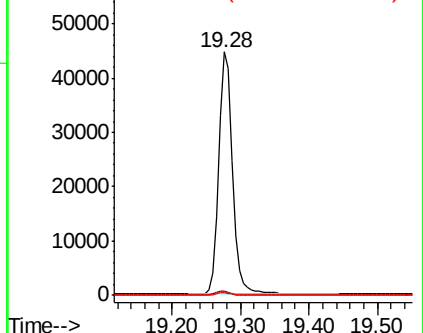
104 1.0 0.8 1.2



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: 0.417 ng

RT: 19.30 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

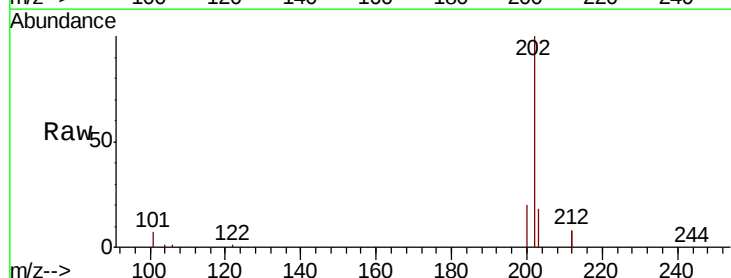
Tgt Ion:202 Resp: 18643

Ion Ratio Lower Upper

202 100

101 6.6 5.3 7.9

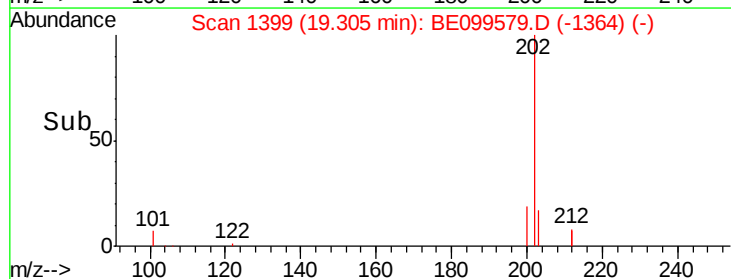
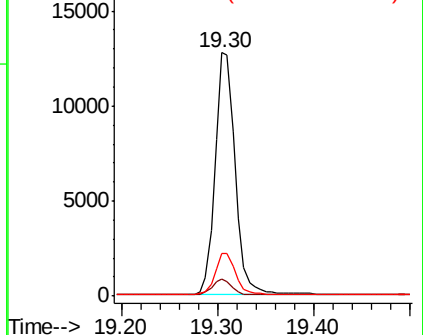
203 17.0 13.4 20.2

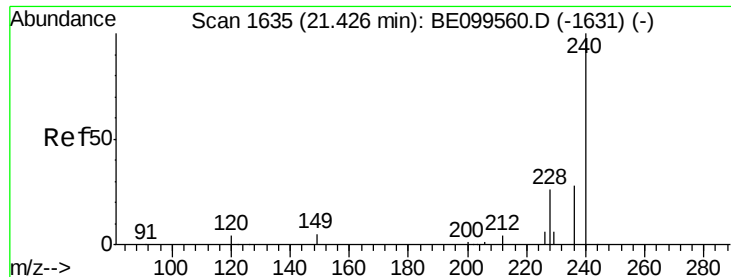


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

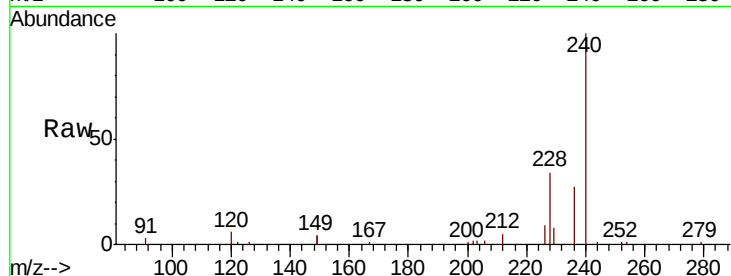




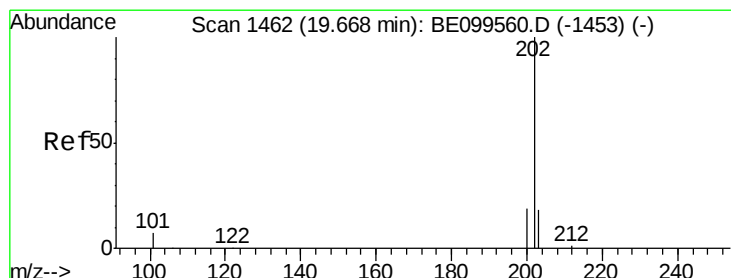
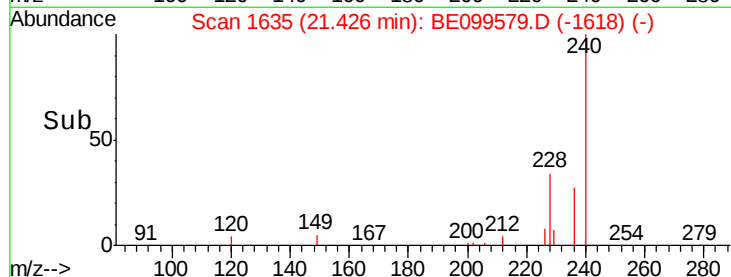
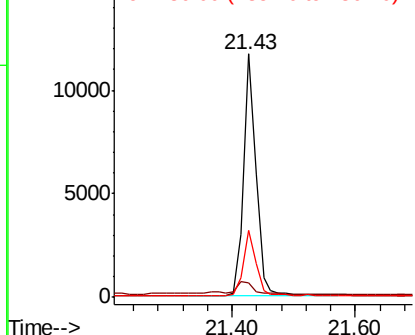
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BE099579.D
 Acq: 8 May 2019 17:48

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 16278
 Ion Ratio Lower Upper
 240 100
 120 5.7 3.8 5.6#
 236 27.5 22.5 33.7

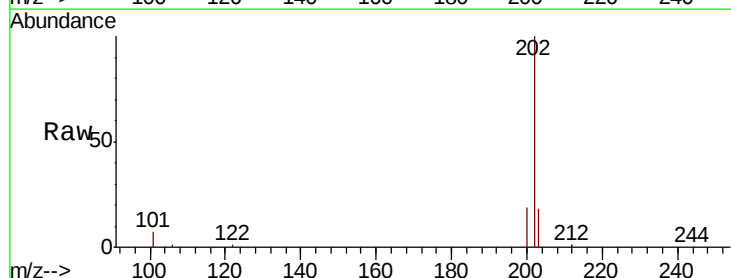


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

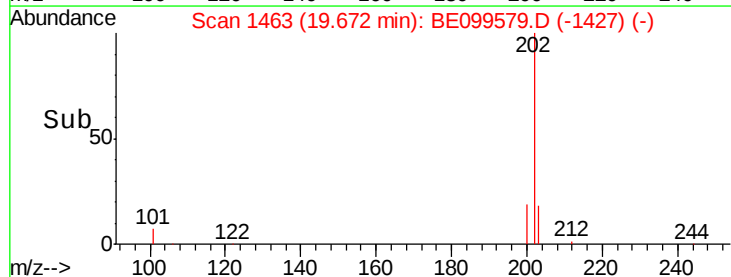
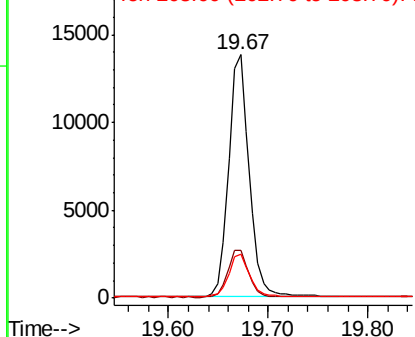


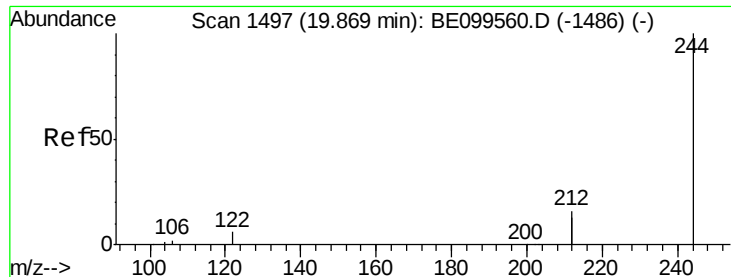
#28
 Pyrene
 Concen: 0.450 ng
 RT: 19.67 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BE099579.D
 Acq: 8 May 2019 17:48

Tgt Ion:202 Resp: 19614
 Ion Ratio Lower Upper
 202 100
 200 19.8 15.8 23.6
 203 17.9 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.451 ng

RT: 19.87 min Scan# 1498

Delta R.T. 0.00 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

Instrument :

BNA_E

ClientSampleId :

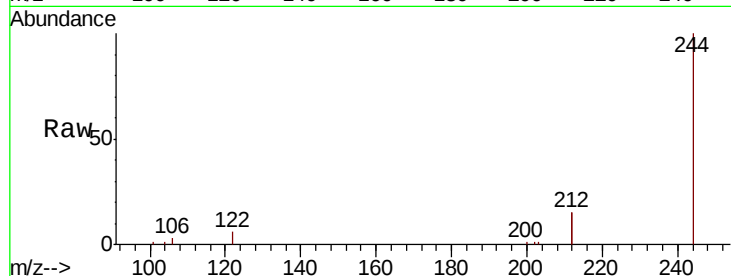
Tot Ion:244 Resp: 13611

Ion Ratio Lower Upper

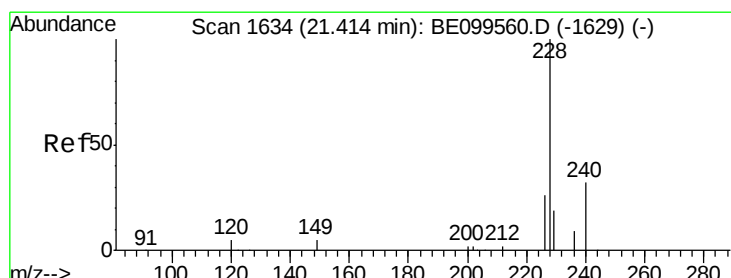
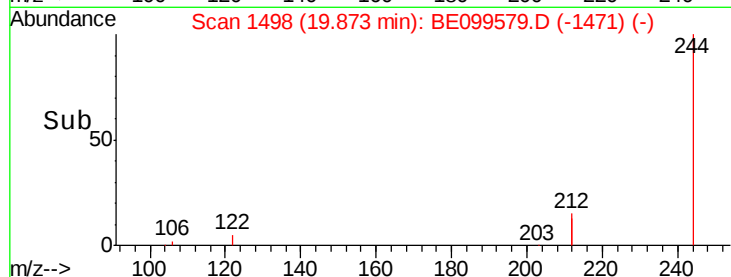
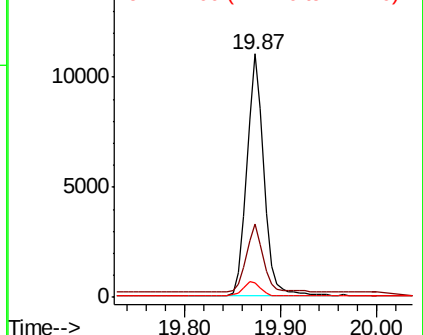
244 100

212 30.3 24.6 37.0

122 6.1 5.0 7.6



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.458 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

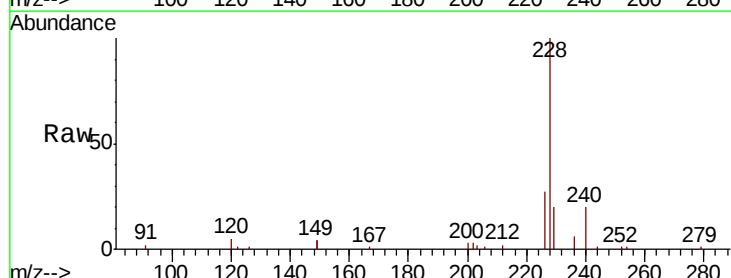
Tgt Ion:228 Resp: 23078

Ion Ratio Lower Upper

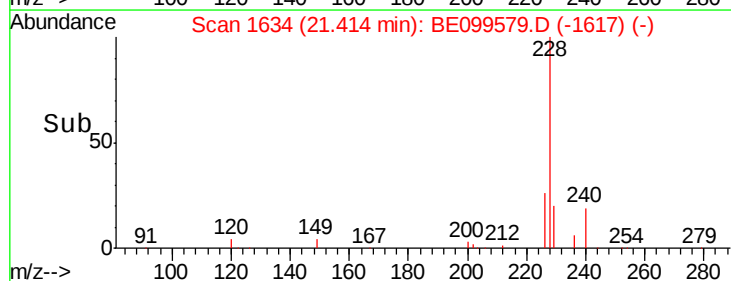
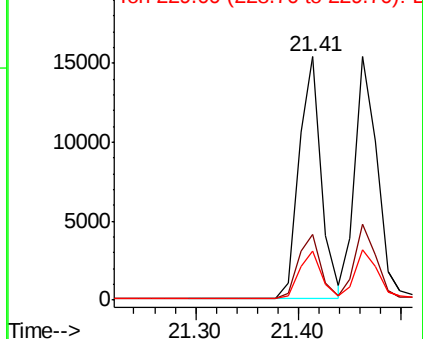
228 100

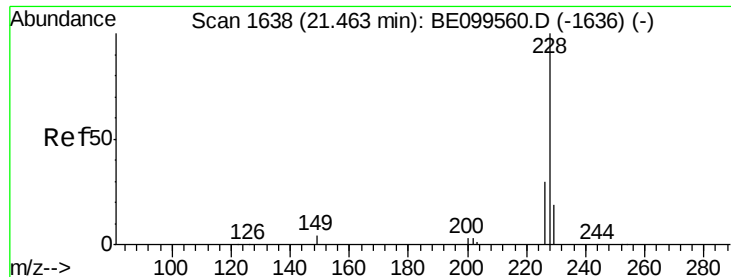
226 26.8 20.9 31.3

229 20.4 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: 0.453 ng

RT: 21.46 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

Instrument :

BNA_E

ClientSampleId :

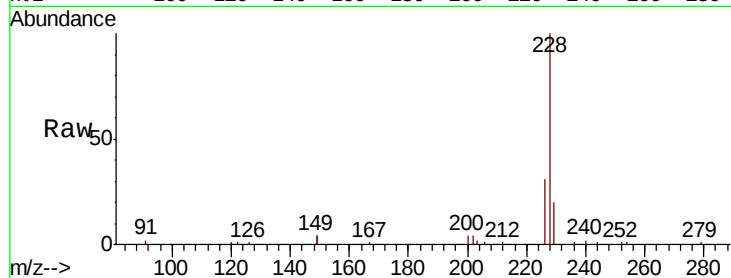
Tot Ion:228 Resp: 22549

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.4

229 20.5 15.8 23.6

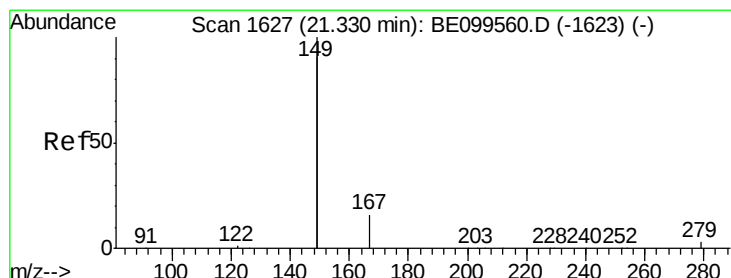
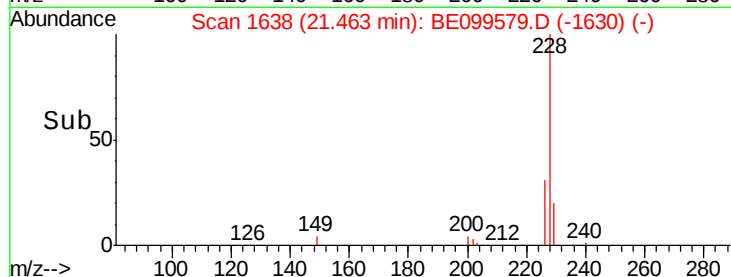
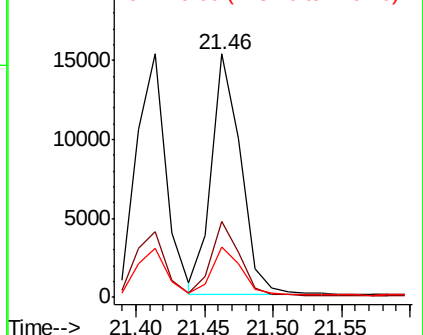


Abundance

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: 0.455 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

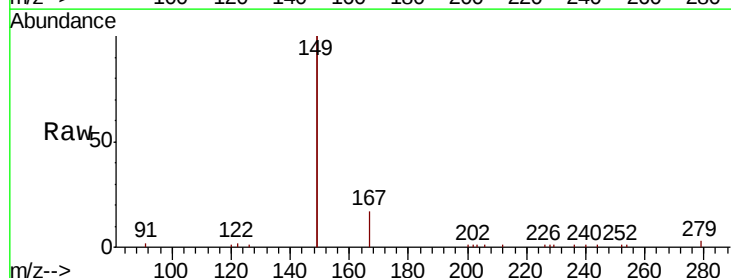
Tgt Ion:149 Resp: 36348

Ion Ratio Lower Upper

149 100

167 7.6 6.1 9.1

279 1.5 1.3 1.9

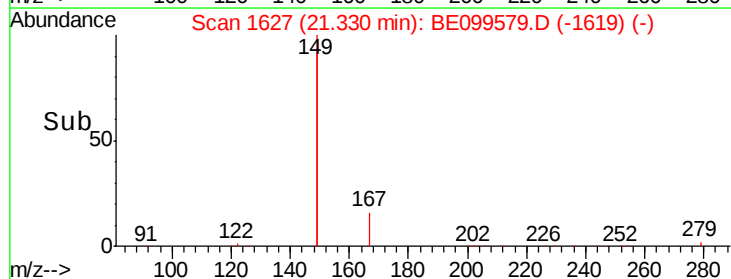
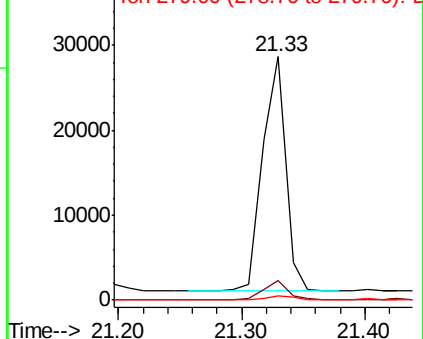


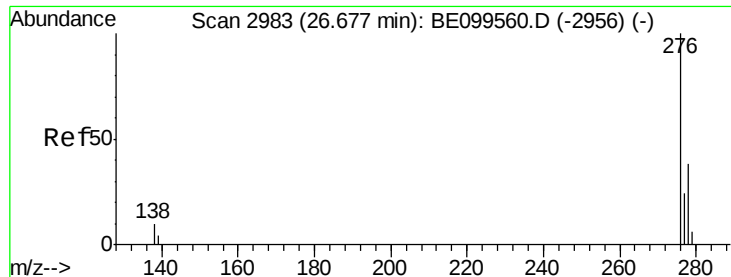
Abundance

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: 0.501 ng

RT: 26.68 min Scan# 2985

Delta R.T. 0.01 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

Instrument :

BNA_E

ClientSampleId :

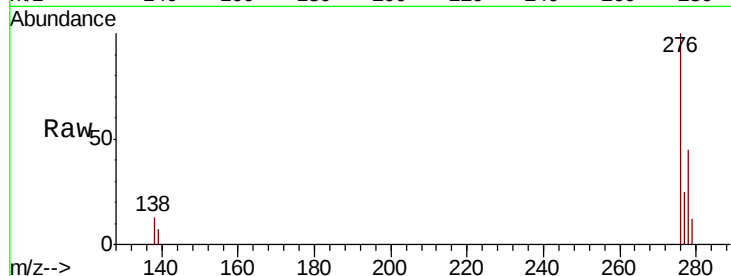
Tot Ion:276 Resp: 29616

Ion Ratio Lower Upper

276 100

138 6.2 9.5 14.3#

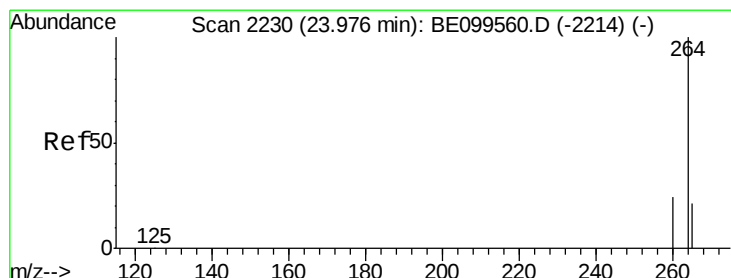
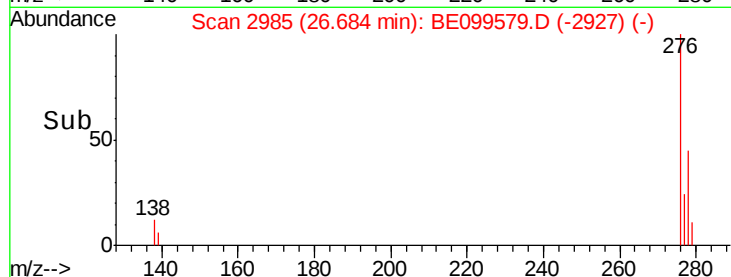
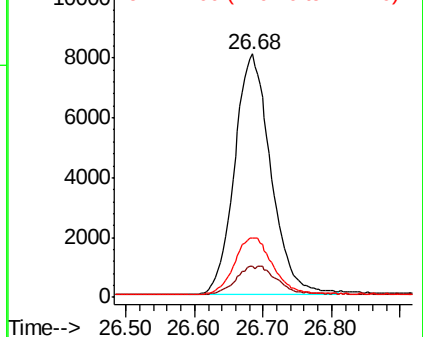
277 24.8 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.98 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

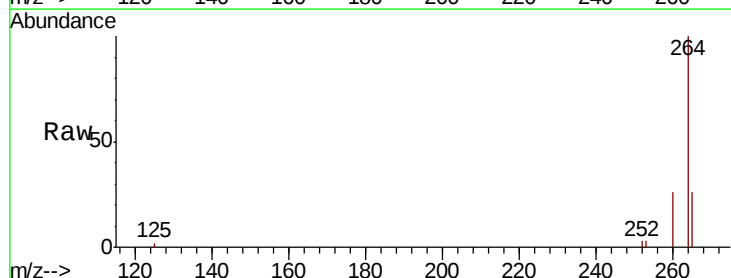
Tgt Ion:264 Resp: 20513

Ion Ratio Lower Upper

264 100

260 25.6 19.9 29.9

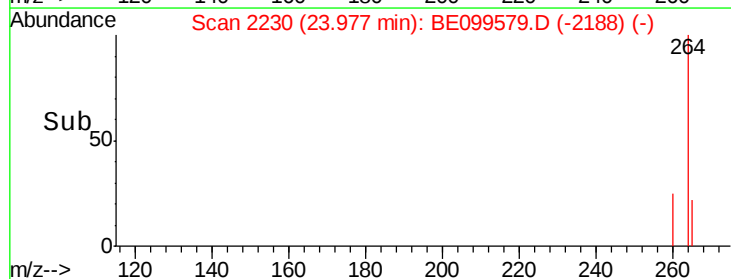
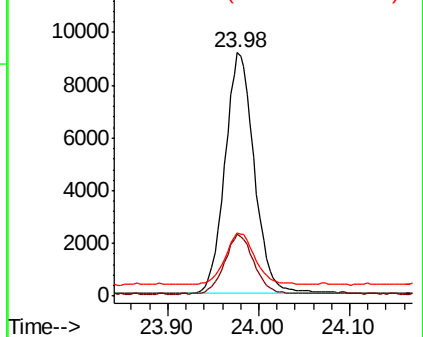
265 26.1 22.2 33.2

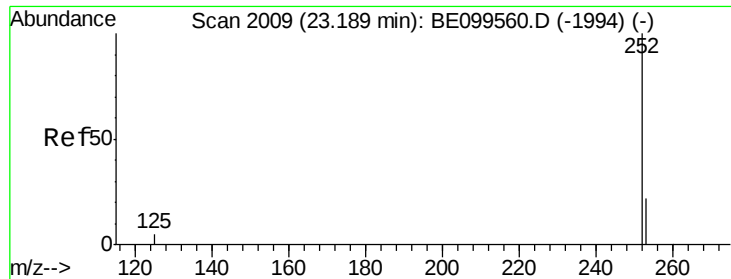


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.410 ng

RT: 23.24 min Scan# 2023

Delta R.T. 0.05 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

Instrument :

BNA_E

ClientSampleId :

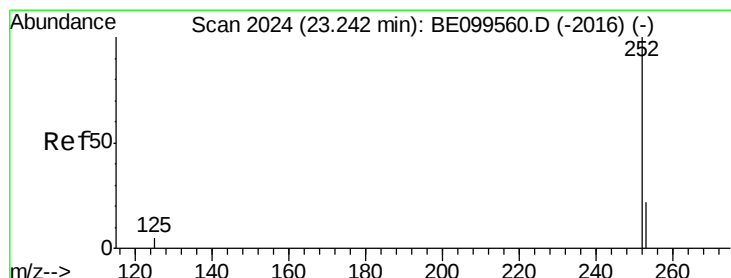
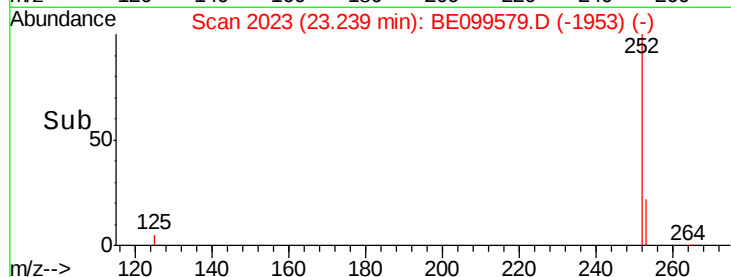
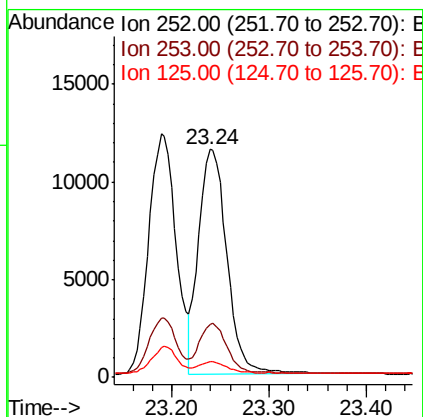
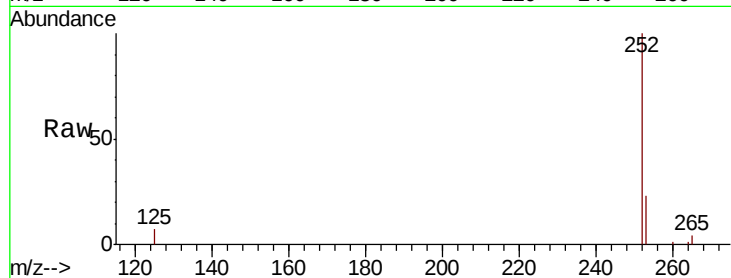
Tot Ion:252 Resp: 23203

Ion Ratio Lower Upper

252 100

253 23.2 19.0 28.4

125 6.7 5.8 8.6



#36

Benzo(k)fluoranthene

Concen: 0.418 ng

RT: 23.24 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BE099579.D

Acq: 8 May 2019 17:48

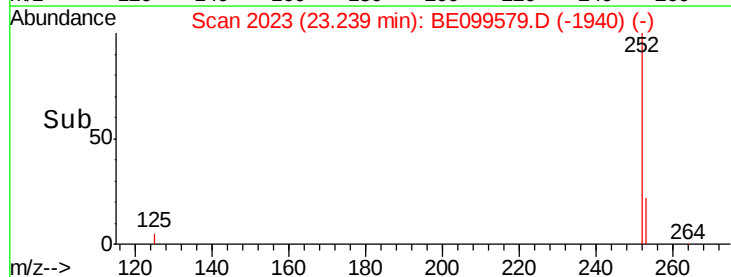
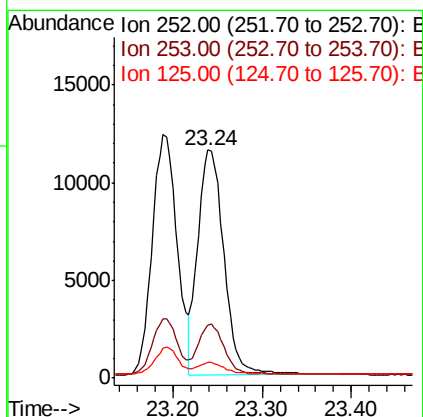
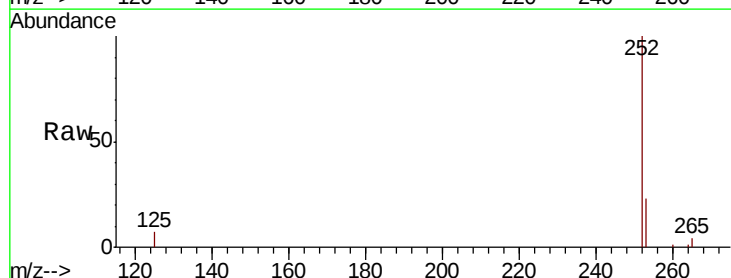
Tgt Ion:252 Resp: 23301

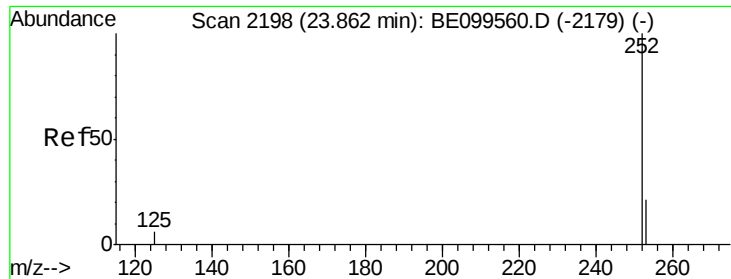
Ion Ratio Lower Upper

252 100

253 23.2 19.1 28.7

125 6.7 5.8 8.6

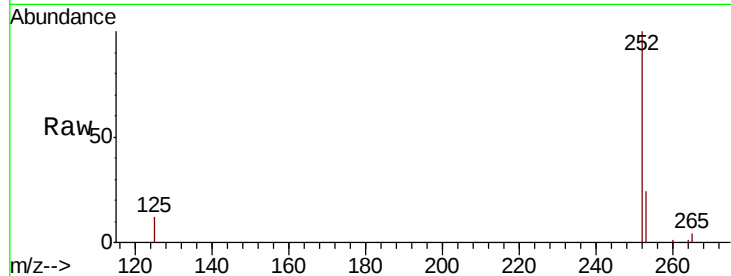




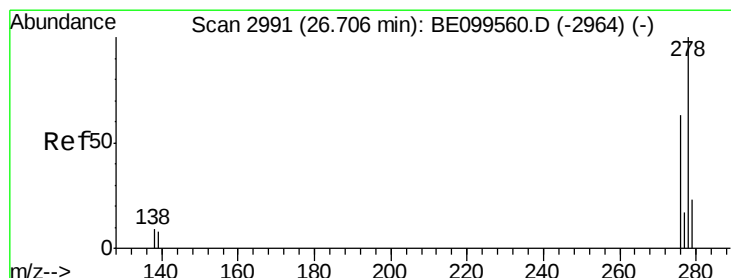
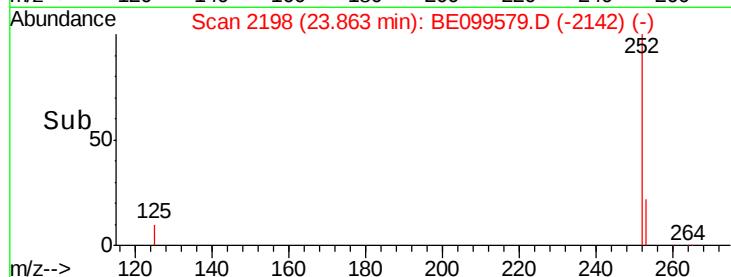
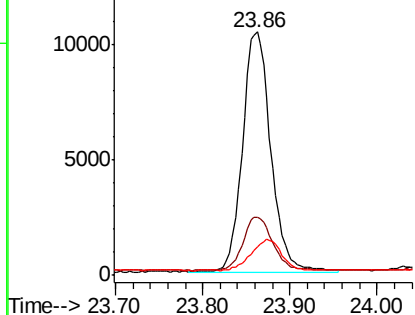
#37
Benzo(a)pyrene
Concen: 0.429 ng
RT: 23.86 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 23390
Ion Ratio Lower Upper
252 100
253 23.8 18.9 28.3
125 11.6 6.6 9.8#

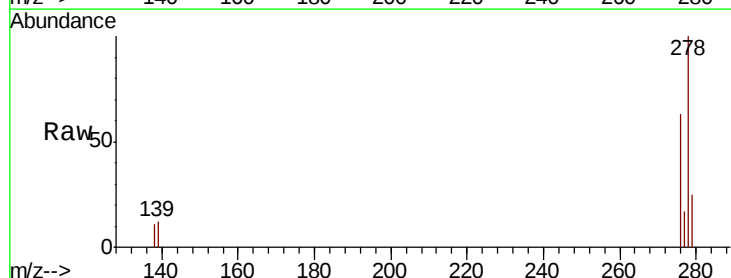


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

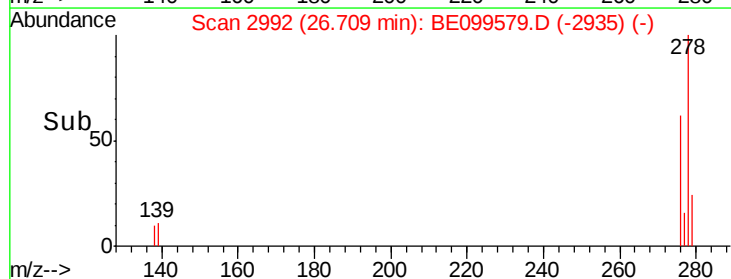
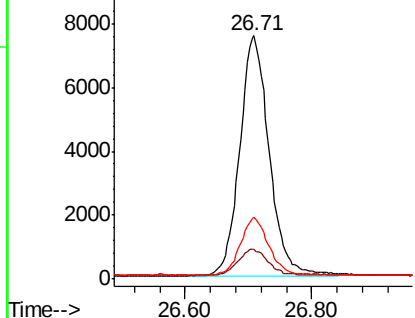


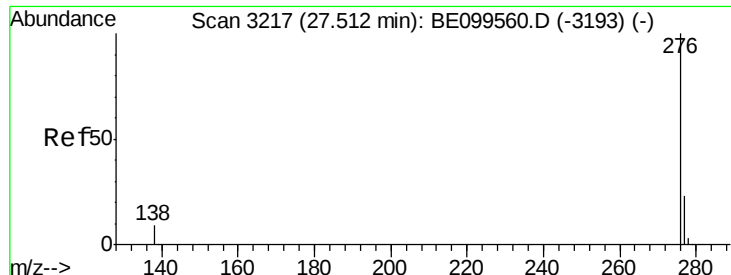
#38
Dibenzo(a,h)anthracene
Concen: 0.435 ng
RT: 26.71 min Scan# 2992
Delta R.T. 0.00 min
Lab File: BE099579.D
Acq: 8 May 2019 17:48

Tgt Ion:278 Resp: 24541
Ion Ratio Lower Upper
278 100
139 12.4 7.7 11.5#
279 25.3 21.0 31.4



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: 0.429 ng

RT: 27.51 min Scan# 3217

Delta R.T. -0.00 min

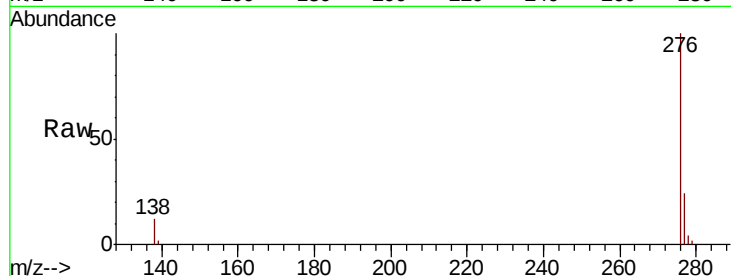
Lab File: BE099579.D

Acq: 8 May 2019 17:48

Instrument :

BNA_E

ClientSampleId :



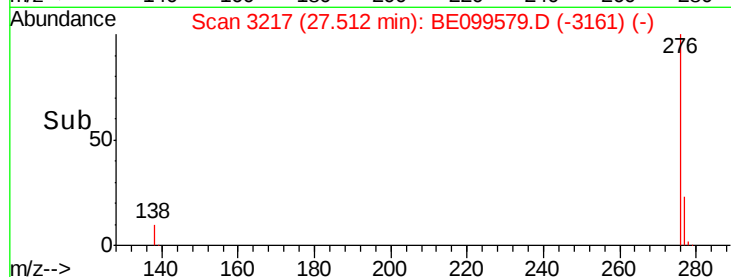
Tot Ion: 276 Resp: 24246

Ion Ratio Lower Upper

276 100

277 23.9 19.7 29.5

138 11.5 8.6 12.8



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

