

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
 Data File : BE099764.D
 Acq On : 28 May 2019 19:31
 Operator : JU/SJ
 Sample : K3037-07MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Quant Time: May 29 05:01:32 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	1217	0.40	ng	-0.02
7) Naphthalene-d8	10.60	136	4510	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	3624	0.40	ng	-0.02
19) Phenanthrene-d10	17.21	188	10663	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	15504	0.40	ng	-0.01
34) Perylene-d12	23.94	264	18346	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	611	0.20	ng	0.00
5) Phenol-d6	6.97	99	540	0.13	ng	0.00
8) Nitrobenzene-d5	8.96	82	1651	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	2972m	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	1084	0.52	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	5491	0.40	ng	-0.02
25) Fluoranthene-d10	19.25	212	59546	0.41	ng	-0.01
29) Terphenyl-d14	19.85	244	17656	0.64	ng	-0.02

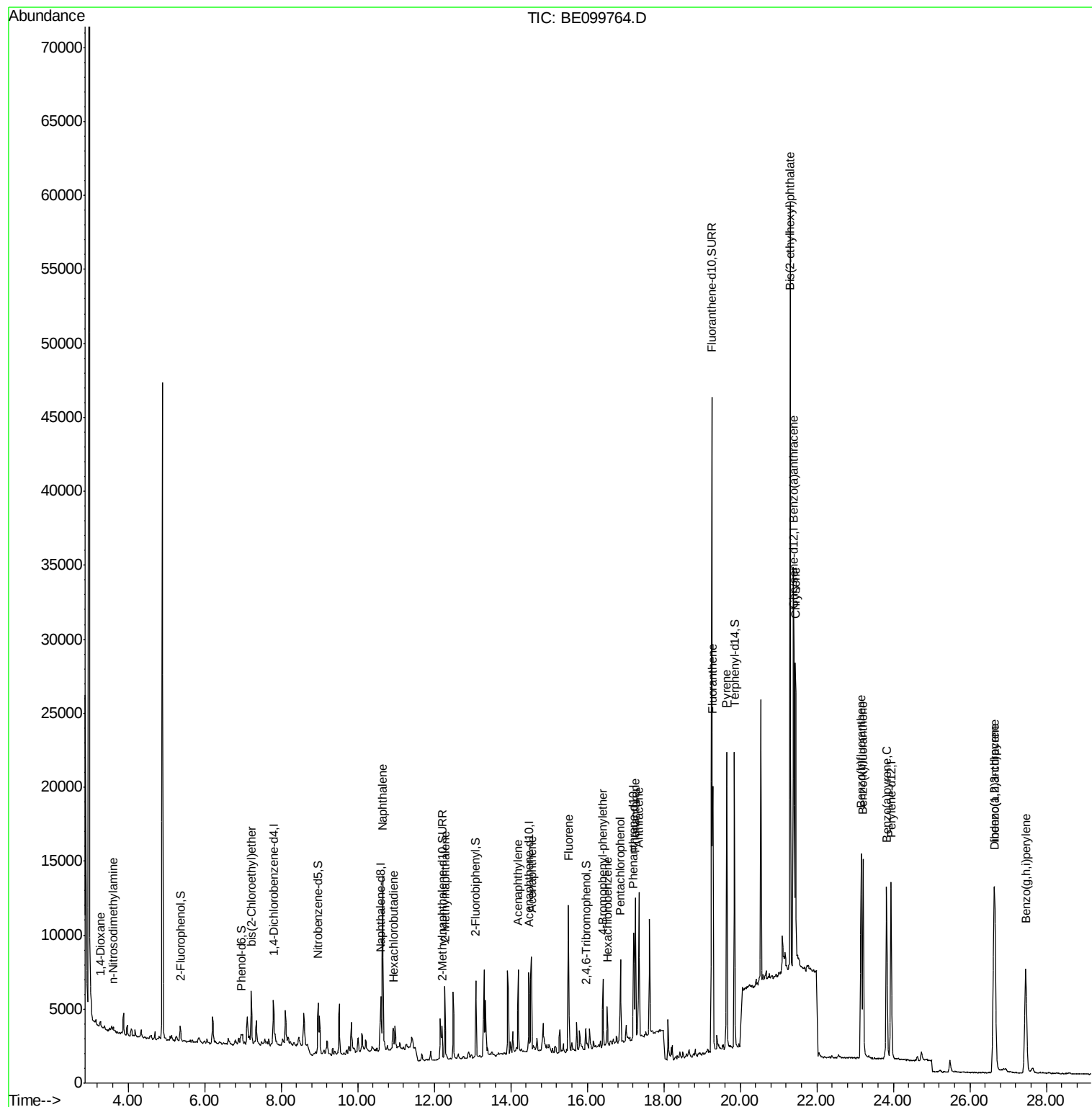
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	394	0.219	ng	# 78
3) n-Nitrosodimethylamine	3.60	42	196	0.197	ng	# 98
6) bis(2-Chloroethyl)ether	7.22	93	1507	0.416	ng	97
9) Naphthalene	10.65	128	19207	0.398	ng	99
10) Hexachlorobutadiene	10.93	225	1193	0.336	ng	98
12) 2-Methylnaphthalene	12.28	142	3350	0.426	ng	98
16) Acenaphthylene	14.20	152	6555	0.388	ng	99
17) Acenaphthene	14.54	154	3620	0.382	ng	98
18) Fluorene	15.51	166	5560	0.398	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	2414	0.393	ng	95
21) Hexachlorobenzene	16.52	284	2217	0.352	ng	96
22) Pentachlorophenol	16.87	266	2937	1.495	ng	90
23) Phenanthrene	17.25	178	10938	0.420	ng	98
24) Anthracene	17.35	178	10472	0.443	ng	97
26) Fluoranthene	19.28	202	17891	0.434	ng	98
28) Pyrene	19.64	202	18718	0.481	ng	99
30) Benzo(a)anthracene	21.39	228	21555	0.489	ng	98
31) Chrysene	21.44	228	20801	0.442	ng	97
32) Bis(2-ethylhexyl)phthalate	21.30	149	53696	1.058	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	22936	0.403	ng	99
35) Benzo(b)fluoranthene	23.16	252	20484	0.407	ng	# 93
36) Benzo(k)fluoranthene	23.21	252	20400	0.389	ng	# 94
37) Benzo(a)pyrene	23.82	252	19707	0.407	ng	# 96
38) Dibenzo(a,h)anthracene	26.66	278	18700	0.368	ng	# 96
39) Benzo(g,h,i)perylene	27.46	276	19833	0.387	ng	99

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

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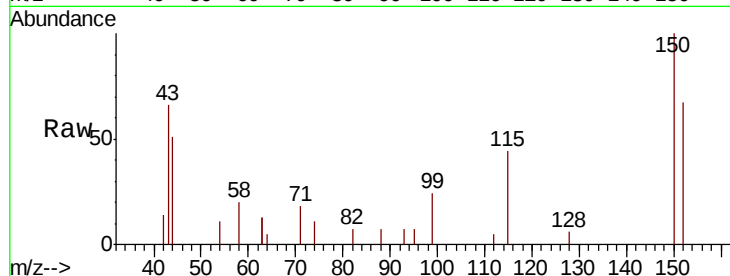


#1

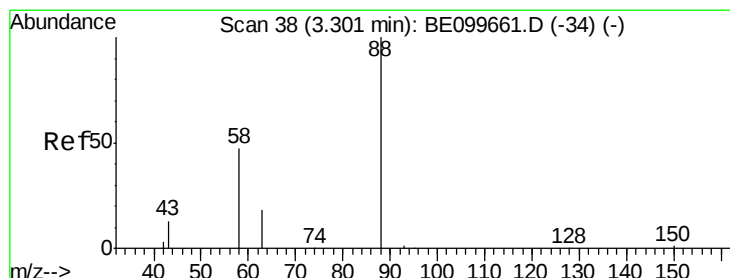
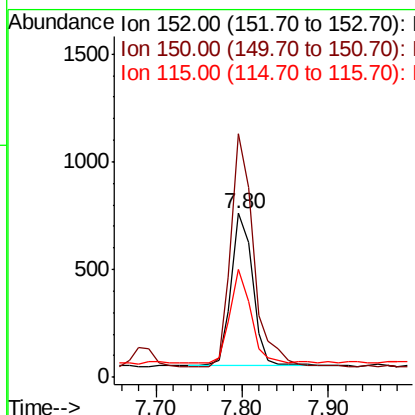
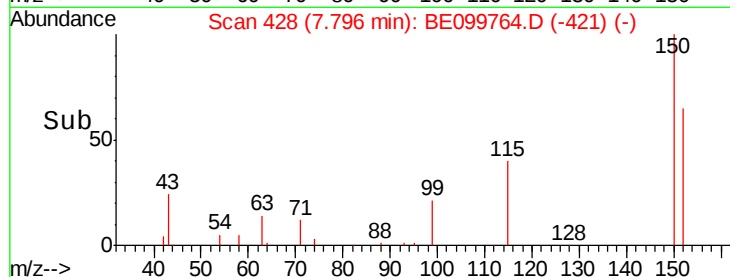
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tot Ion:152 Resp: 1217
Ion Ratio Lower Upper
152 100
150 148.6 109.2 163.8
115 65.7 43.7 65.5#



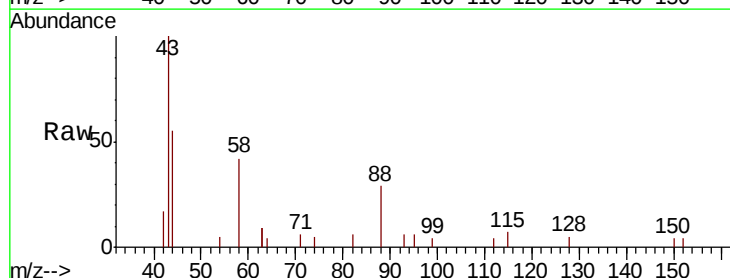
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



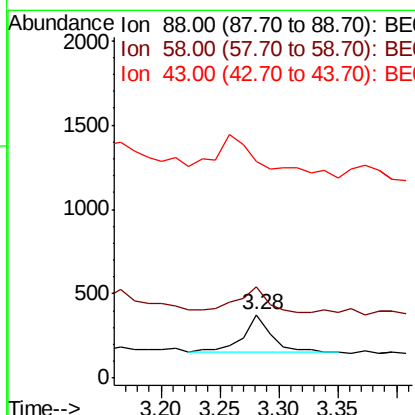
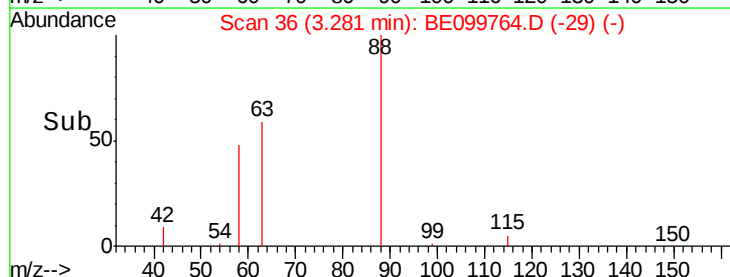
#2

1,4-Dioxane
Concen: 0.219 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion: 88 Resp: 394
Ion Ratio Lower Upper
88 100
58 63.2 41.8 62.8#
43 0.0 15.0 22.4#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.197 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.03 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

Instrument :

BNA_E

ClientSampleId :

DFTPP

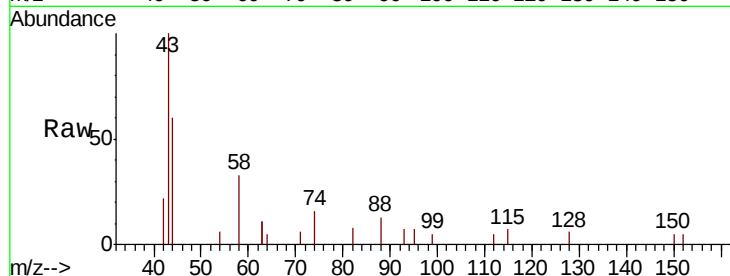
Tot Ion: 42 Resp: 196

Ion Ratio Lower Upper

42 100

74 164.8 129.2 193.8

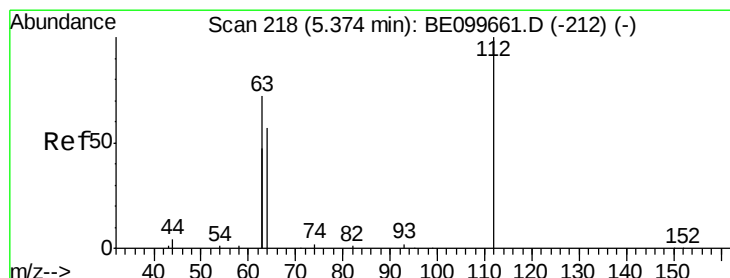
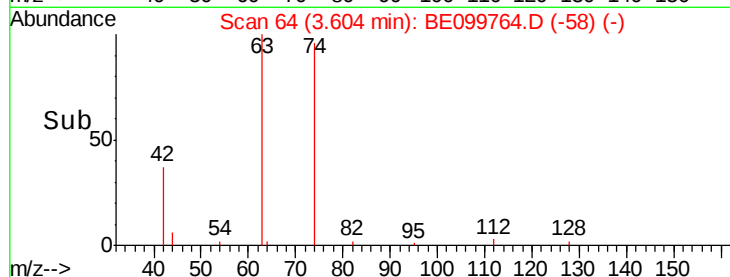
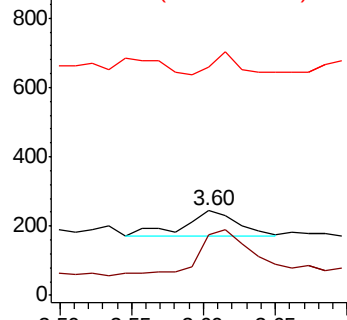
44 39.8 0.0 0.0#



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: 0.199 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

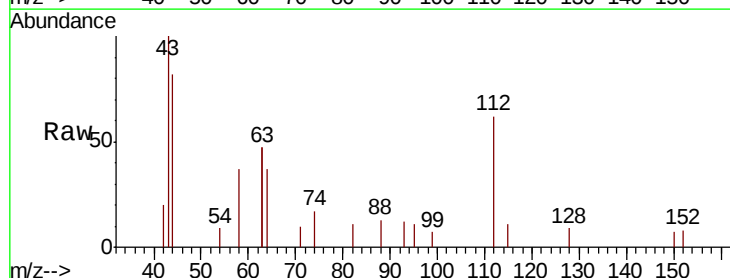
Tgt Ion: 112 Resp: 611

Ion Ratio Lower Upper

112 100

64 56.0 43.4 65.2

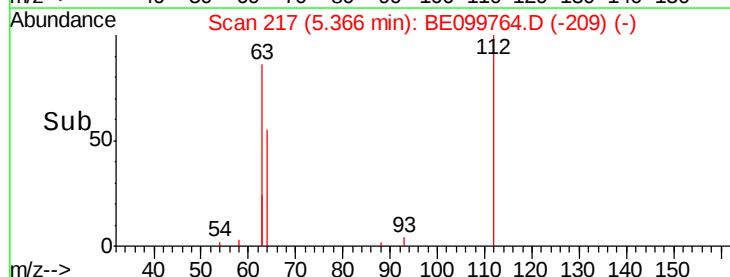
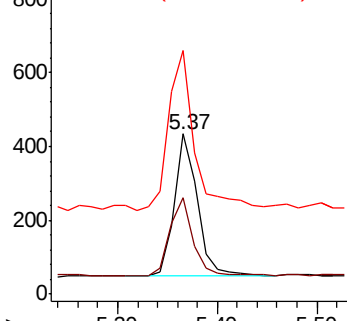
63 127.3 96.9 145.3

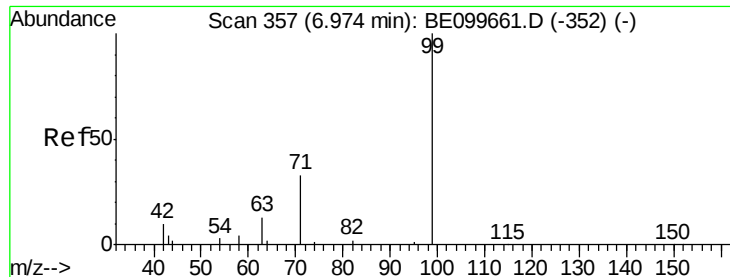


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.133 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

Instrument :

BNA_E

ClientSampleId :

DFTPP

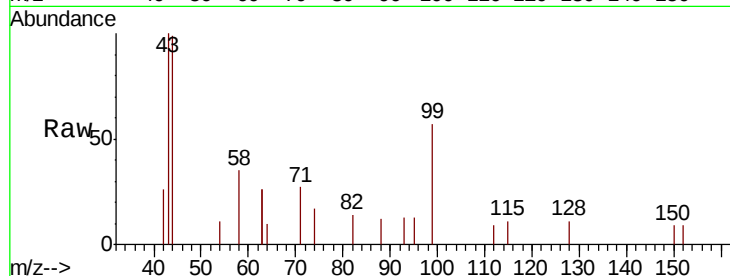
Tot Ion: 99 Resp: 540

Ion Ratio Lower Upper

99 100

42 21.3 12.2 18.2#

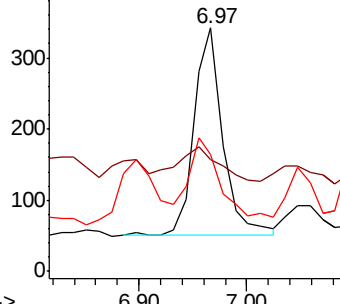
71 38.7 28.9 43.3



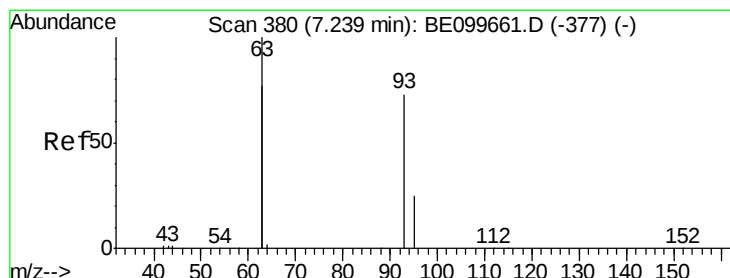
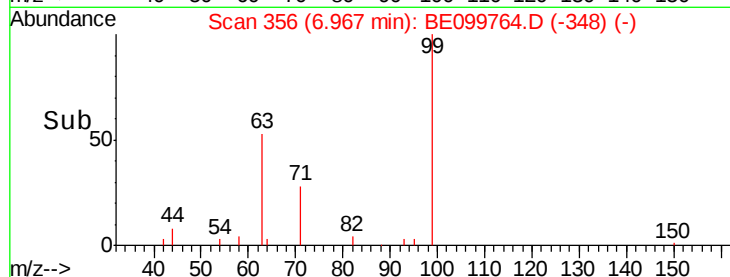
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.416 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.02 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

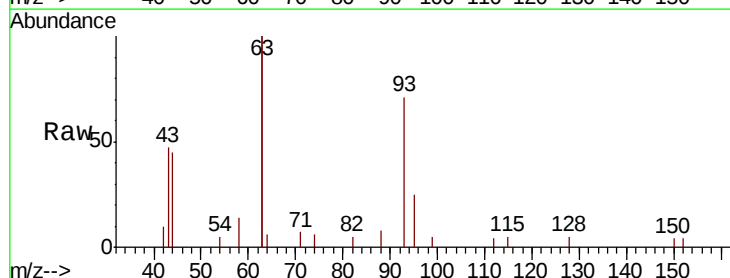
Tgt Ion: 93 Resp: 1507

Ion Ratio Lower Upper

93 100

63 254.4 207.8 311.6

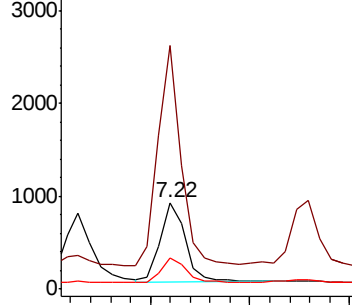
95 30.3 25.9 38.9



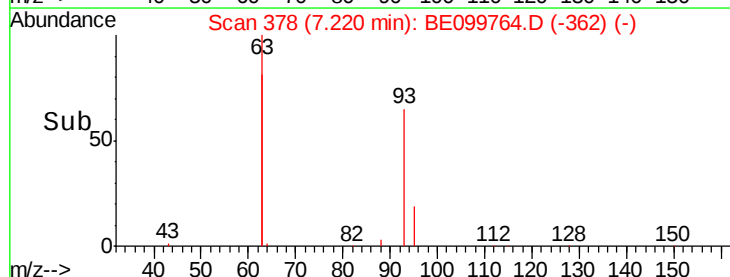
Abundance Ion 93.00 (92.70 to 93.70): BE0

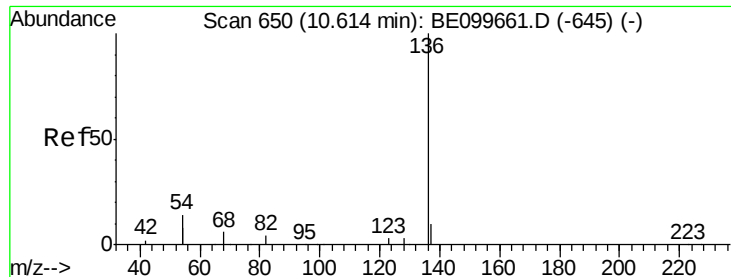
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

Instrument :

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Tot Ion:136 Resp: 4510

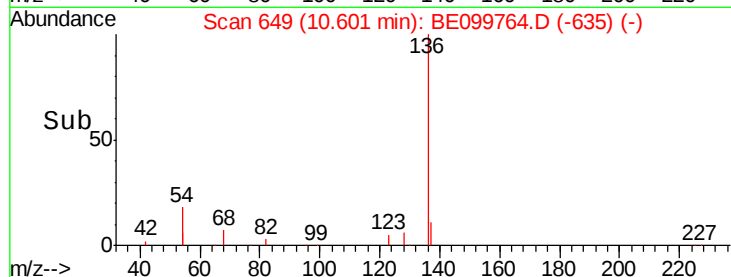
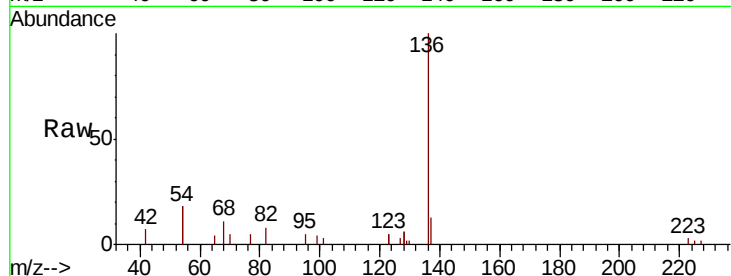
Ion Ratio Lower Upper

136 100

137 12.8 9.0 13.6

54 35.6 22.3 33.5#

68 10.8 6.0 9.0#

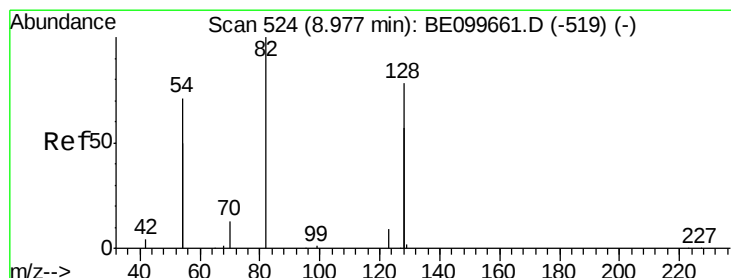
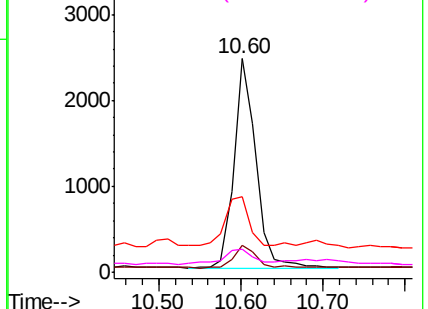


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.423 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

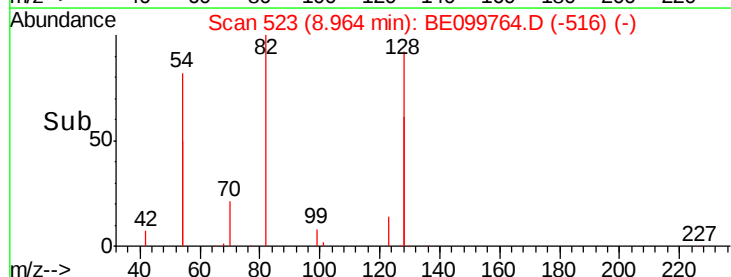
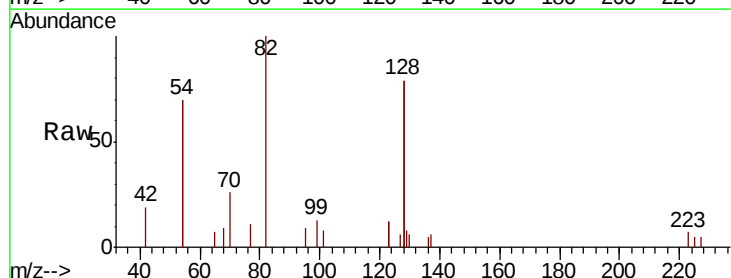
Tgt Ion: 82 Resp: 1651

Ion Ratio Lower Upper

82 100

128 158.2 117.7 176.5

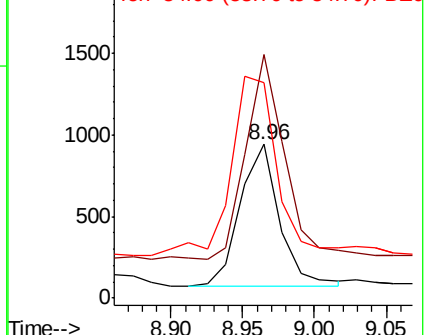
54 139.8 106.6 160.0

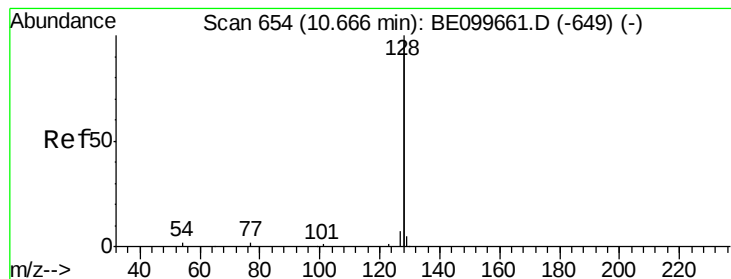


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.398 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE099764.D

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ClientSampleId :

DFTPP

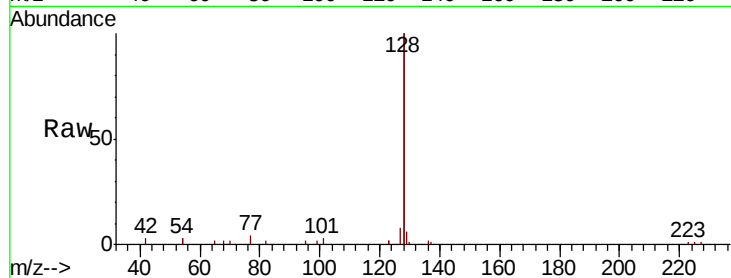
Tot Ion:128 Resp: 19207

Ion Ratio Lower Upper

128 100

129 3.2 2.4 3.6

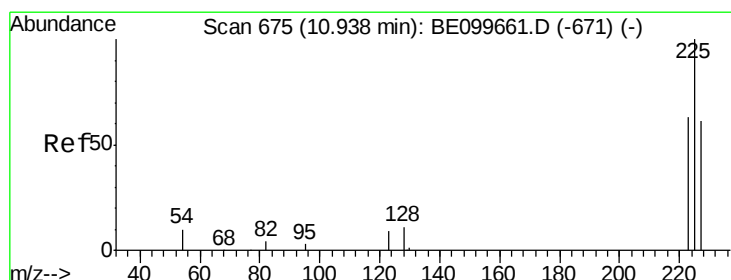
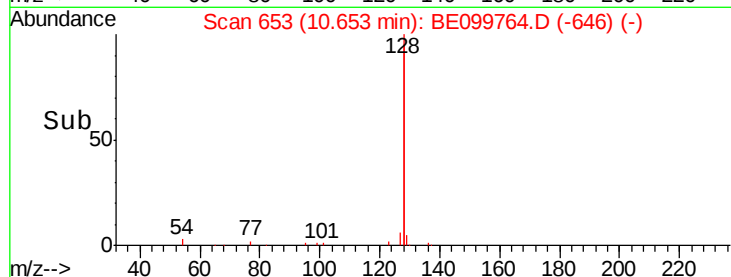
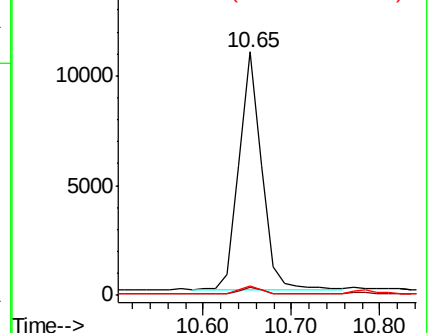
127 3.8 2.9 4.3



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: 0.336 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.01 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

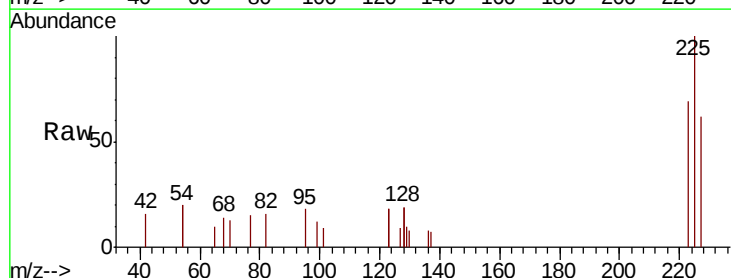
Tgt Ion:225 Resp: 1193

Ion Ratio Lower Upper

225 100

223 63.5 51.8 77.6

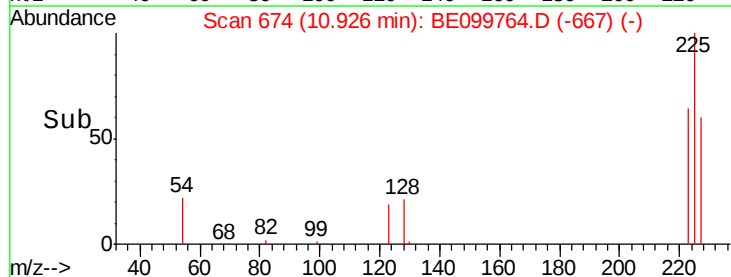
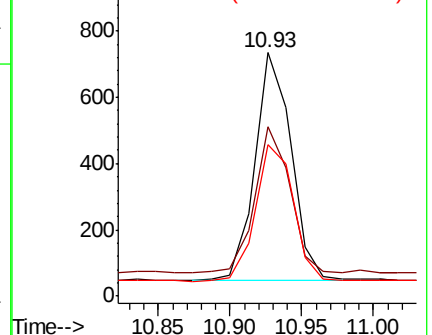
227 64.1 52.6 79.0

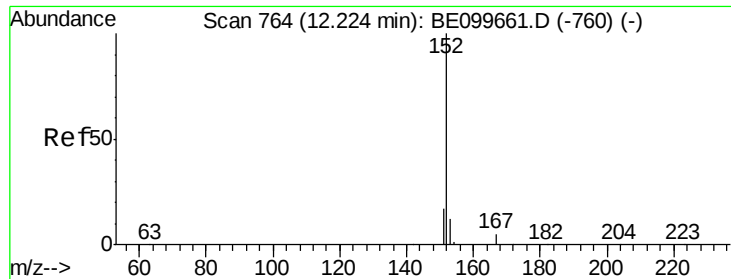


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

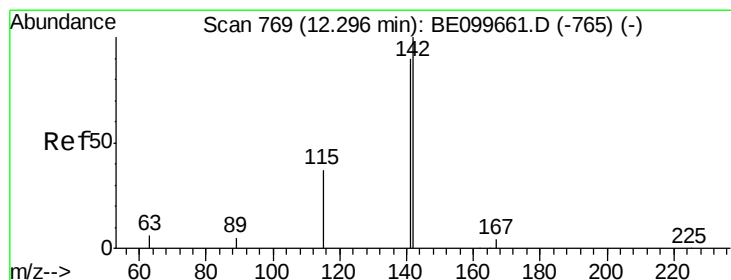
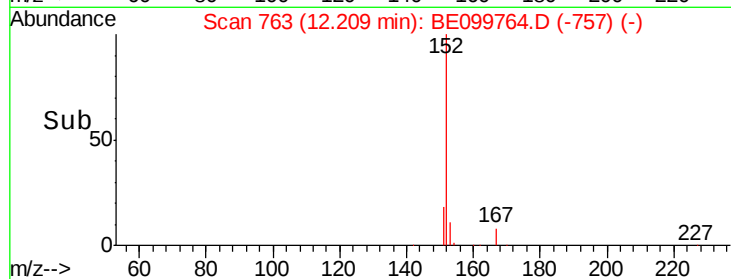
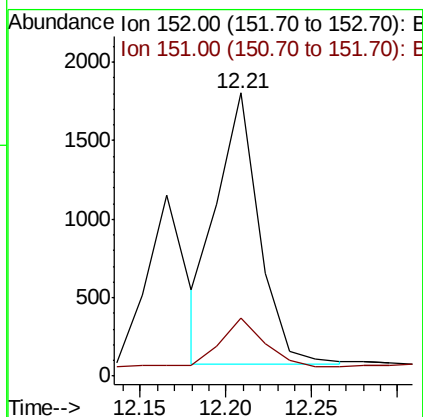
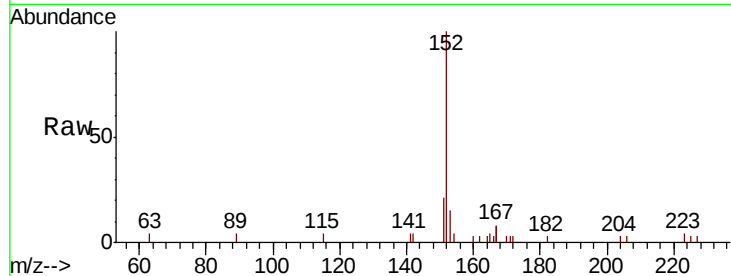




#11
 2-Methylnaphthalene-d10
 Concen: 0.382 ng m
 RT: 12.21 min Scan# 763
 Delta R.T. -0.02 min
 Lab File: BE099764.D
 Acq: 28 May 2019 19:31

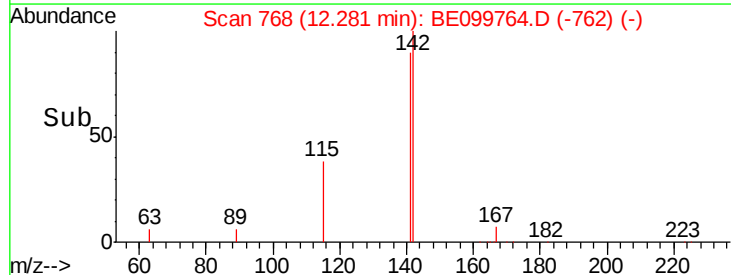
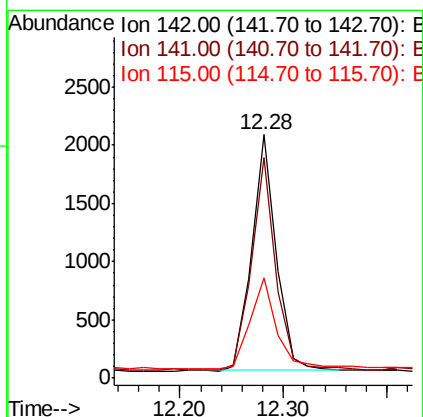
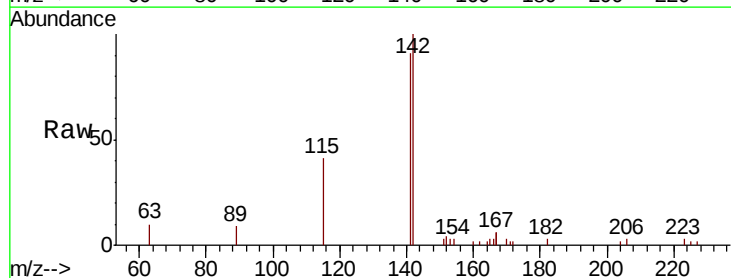
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

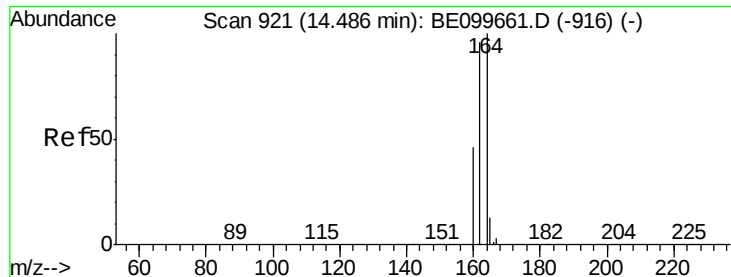
Tot Ion:152 Resp: 2972
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.426 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BE099764.D
 Acq: 28 May 2019 19:31

Tgt Ion:142 Resp: 3350
 Ion Ratio Lower Upper
 142 100
 141 90.8 72.0 108.0
 115 41.1 31.0 46.4

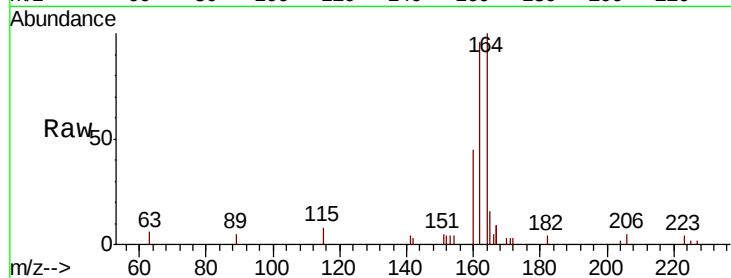




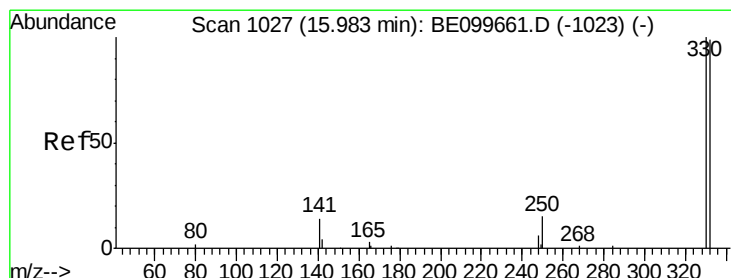
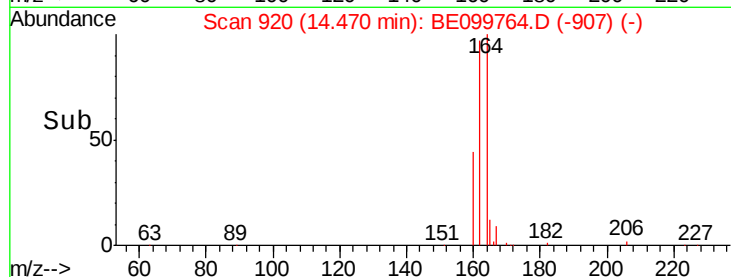
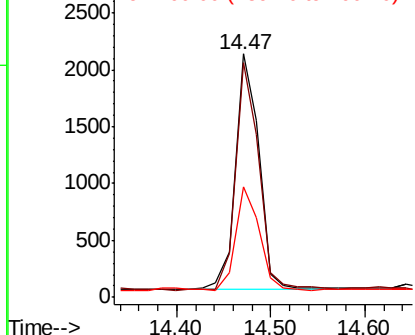
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Instrument :
BNA_E
ClientSampled :
DFTPP

Tot Ion:164 Resp: 3624
Ion Ratio Lower Upper
164 100
162 96.3 76.5 114.7
160 45.4 37.4 56.2

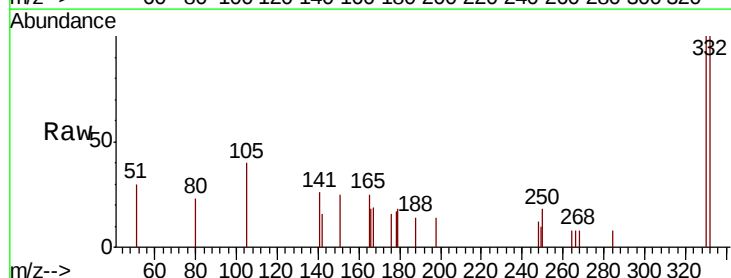


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

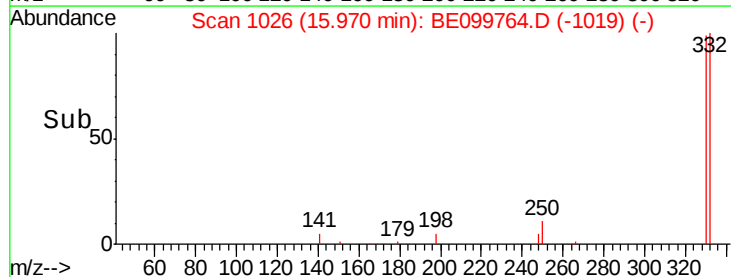
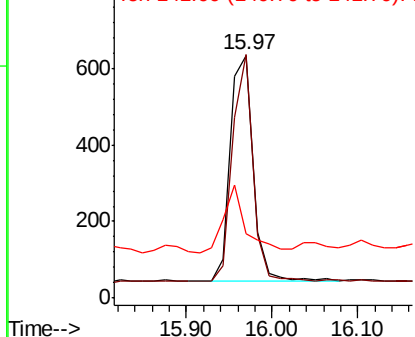


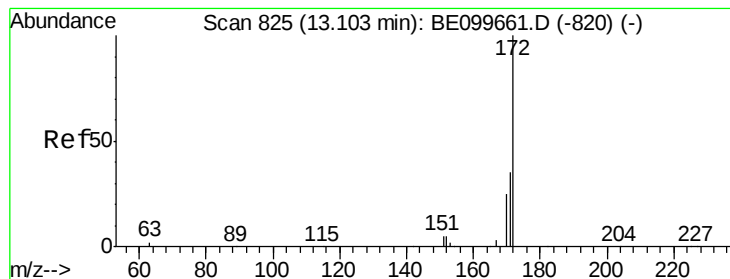
#14
2,4,6-Tribromophenol
Concen: 0.518 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion:330 Resp: 1084
Ion Ratio Lower Upper
330 100
332 90.1 77.3 115.9
141 28.9 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: 0.399 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.02 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

Instrument :

BNA_E

ClientSampleId :

DFTPP

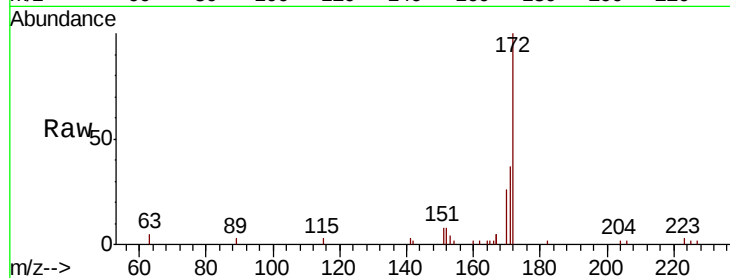
Tot Ion:172 Resp: 5491

Ion Ratio Lower Upper

172 100

171 36.5 28.7 43.1

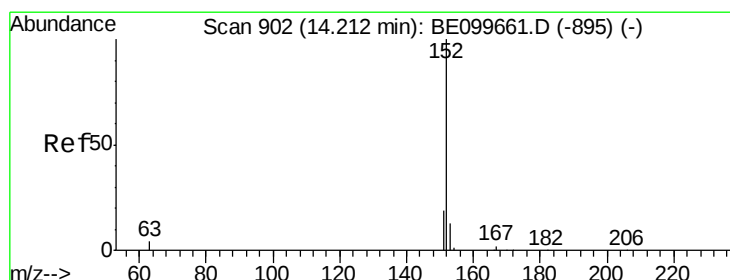
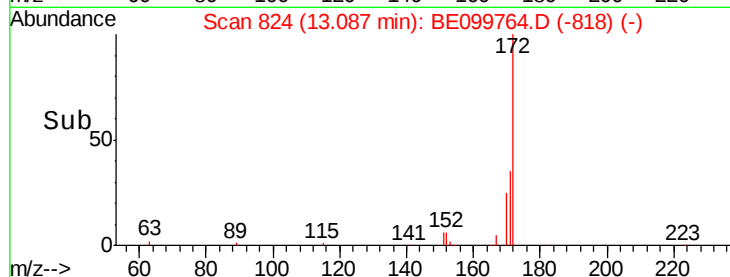
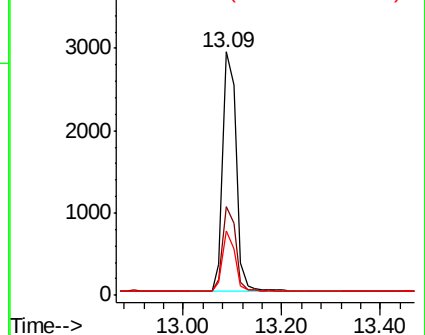
170 26.2 20.9 31.3



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: 0.388 ng

RT: 14.20 min Scan# 901

Delta R.T. -0.02 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

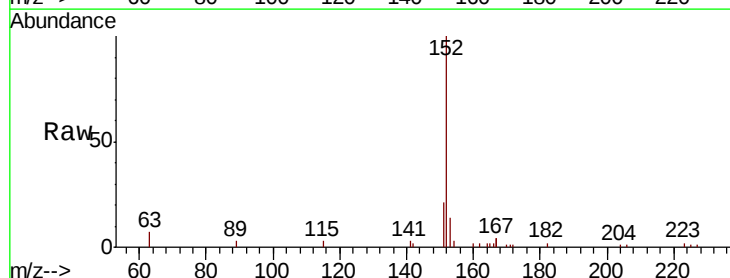
Tgt Ion:152 Resp: 6555

Ion Ratio Lower Upper

152 100

151 19.3 15.9 23.9

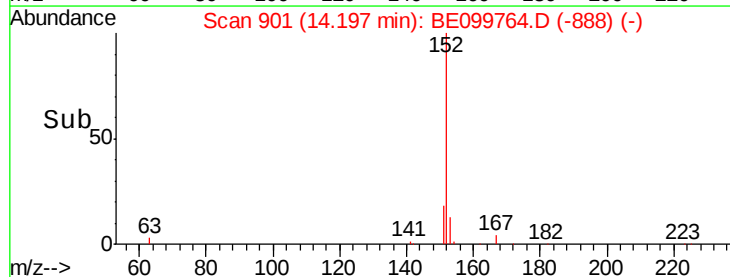
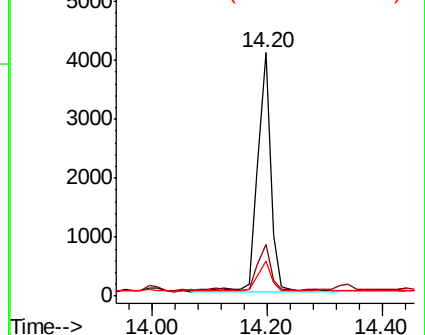
153 13.2 10.6 16.0



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: 0.382 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

Instrument :

BNA_E

ClientSampleId :

DFTPP

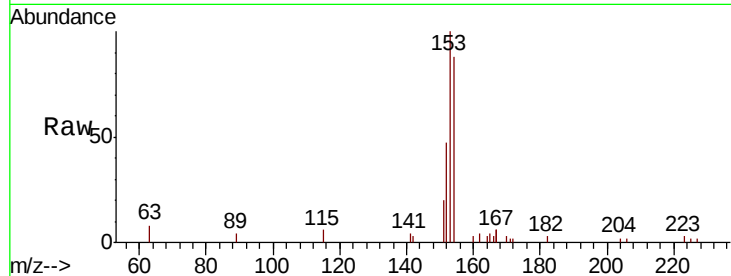
Tot Ion:154 Resp: 3620

Ion Ratio Lower Upper

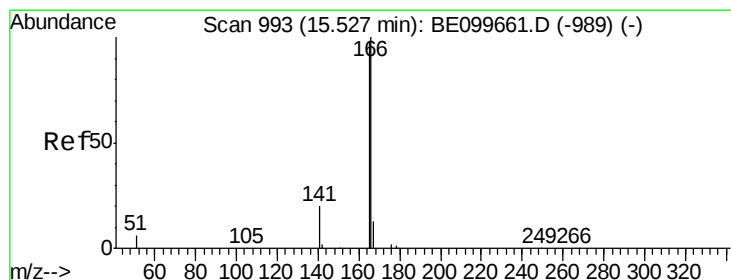
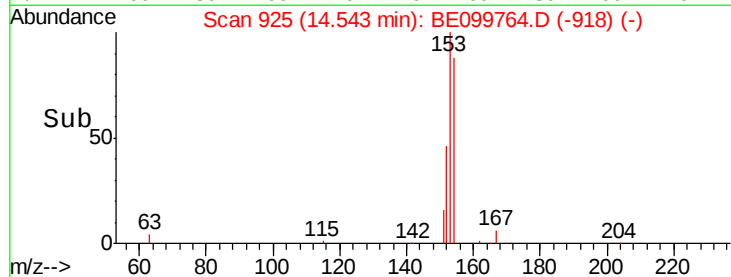
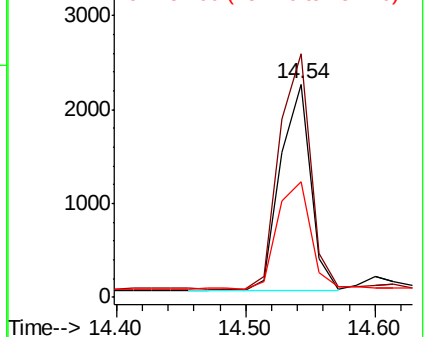
154 100

153 116.9 91.8 137.6

152 56.3 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: 0.398 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.01 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

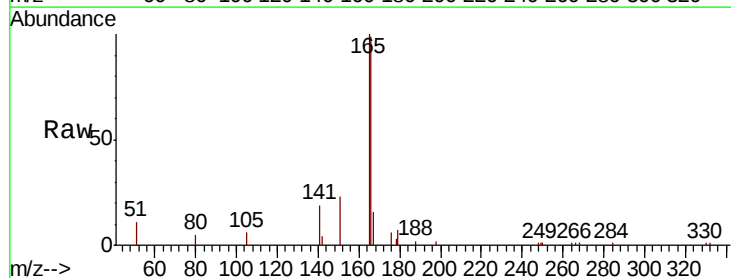
Tgt Ion:166 Resp: 5560

Ion Ratio Lower Upper

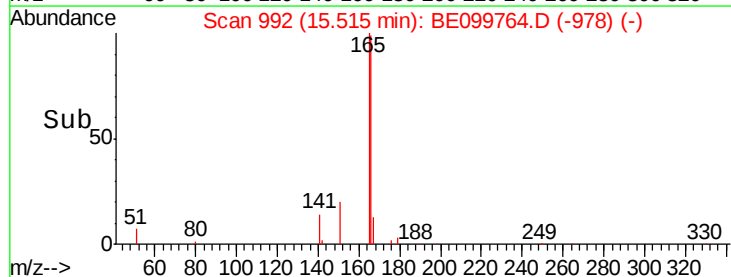
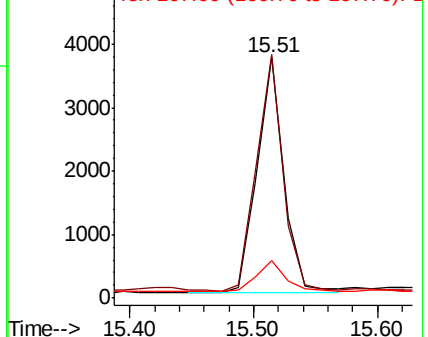
166 100

165 99.3 80.3 120.5

167 14.6 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: BE099764.D

Acq: 28 May 2019 19:31

Instrument :

BNA_E

ClientSampleId :

DFTPP

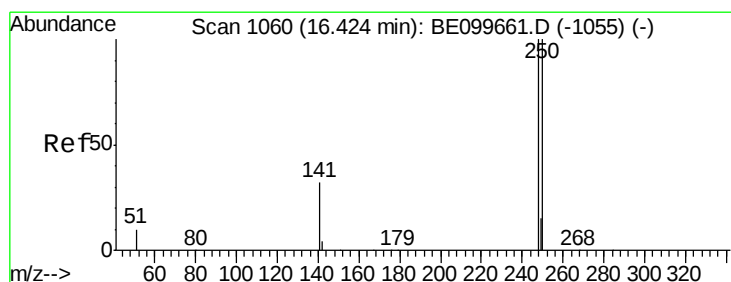
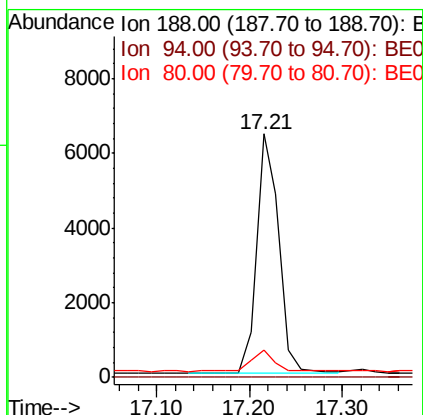
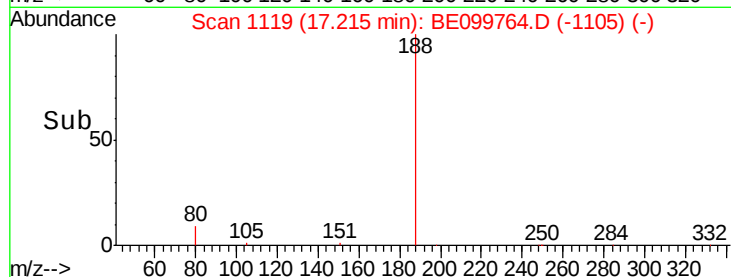
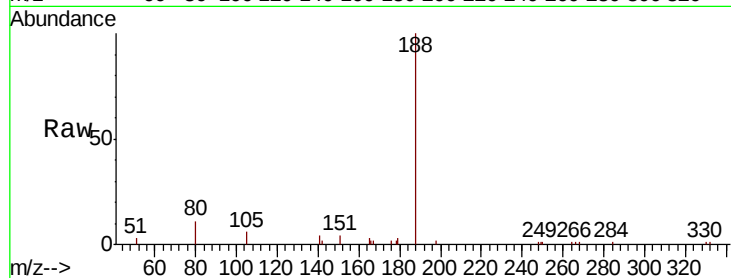
Tot Ion:188 Resp: 10663

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.1 6.7 10.1#



#20

4-Bromophenyl-phenylether

Concen: 0.393 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

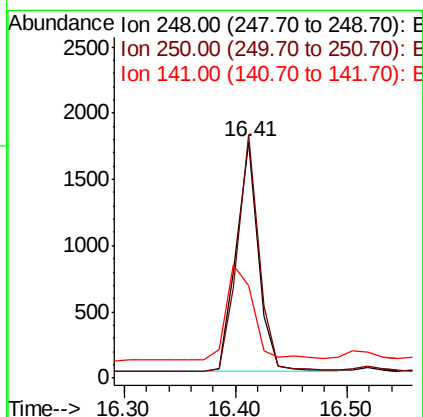
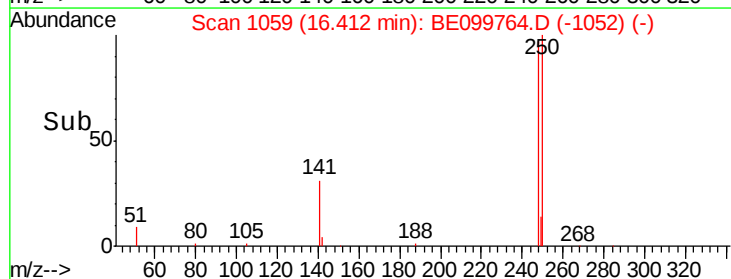
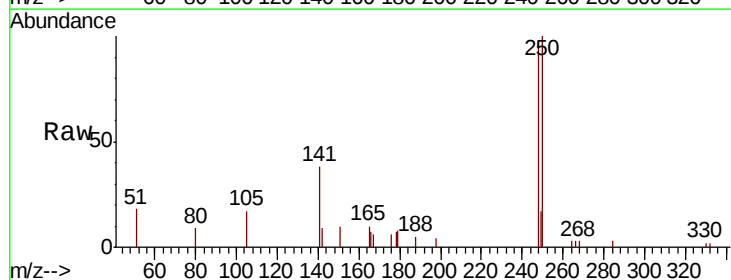
Tgt Ion:248 Resp: 2414

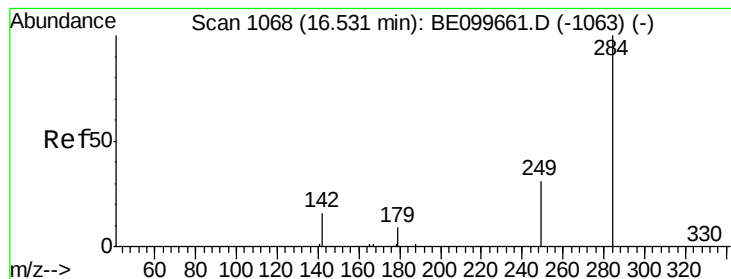
Ion Ratio Lower Upper

248 100

250 103.0 79.8 119.8

141 39.0 27.0 40.6





#21

Hexachlorobenzene

Concen: 0.352 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

Instrument :

BNA_E

ClientSampleId :

DFTPP

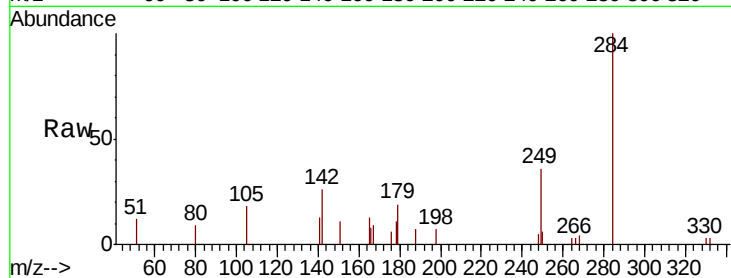
Tot Ion:284 Resp: 2217

Ion Ratio Lower Upper

284 100

142 25.1 17.8 26.6

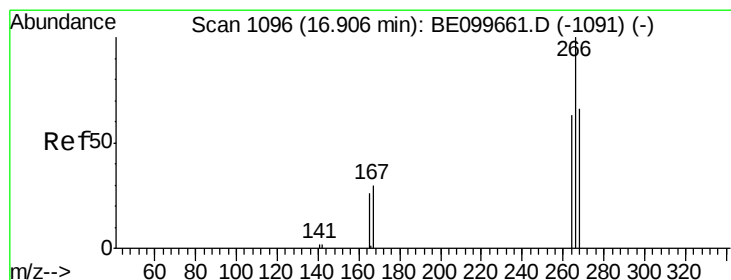
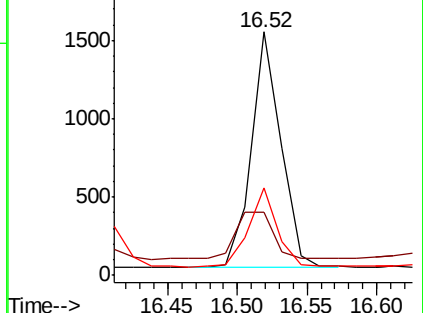
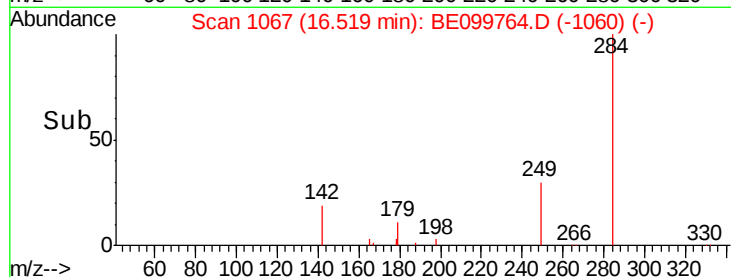
249 32.5 24.8 37.2



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: 1.495 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

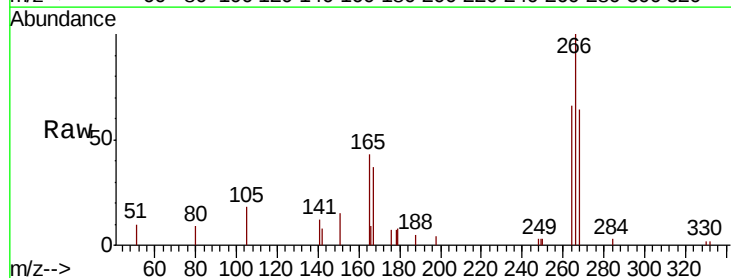
Tgt Ion:266 Resp: 2937

Ion Ratio Lower Upper

266 100

264 66.3 57.2 85.8

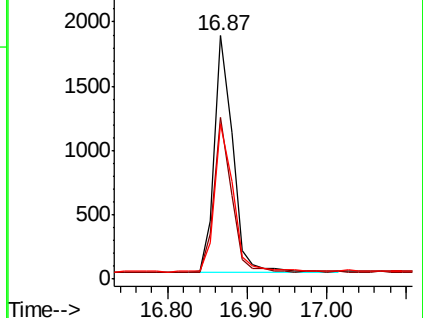
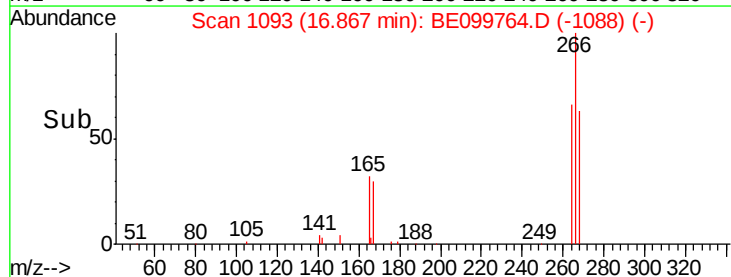
268 64.0 60.5 90.7



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: 0.420 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

Instrument :

BNA_E

ClientSampleId :

DFTPP

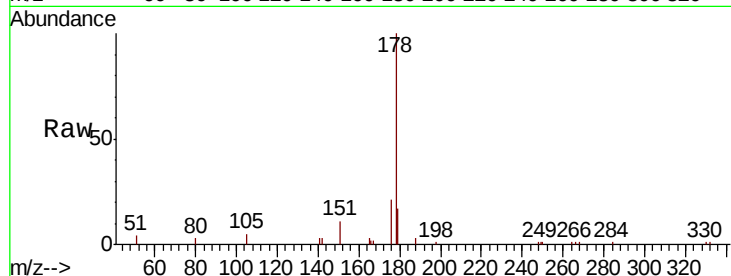
Tot Ion:178 Resp: 10938

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

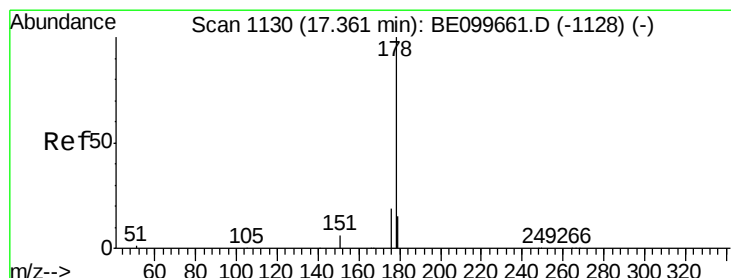
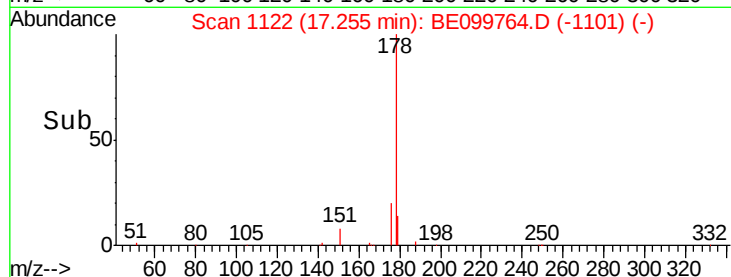
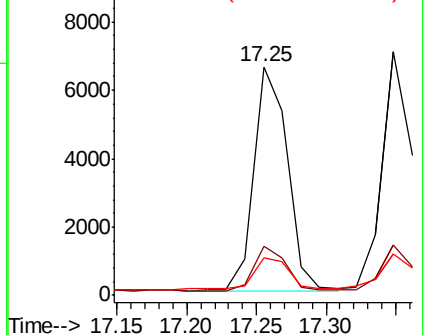
179 17.0 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.443 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

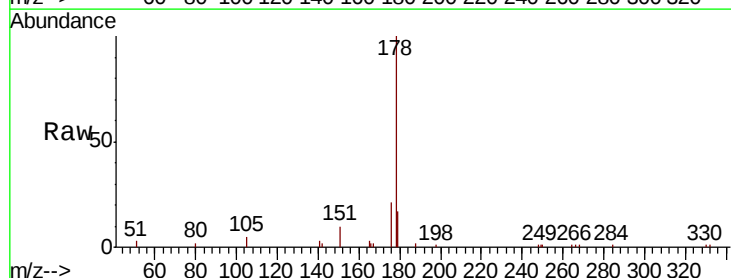
Tgt Ion:178 Resp: 10472

Ion Ratio Lower Upper

178 100

176 19.8 14.7 22.1

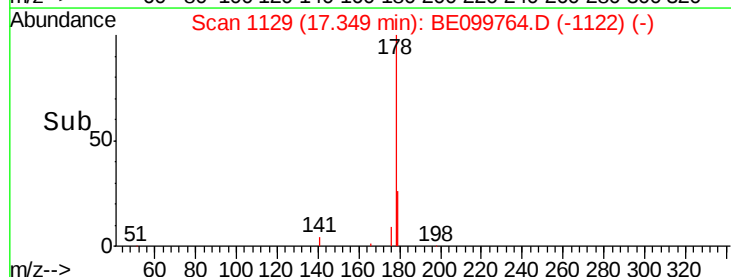
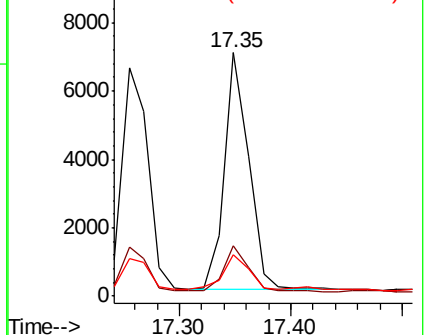
179 15.7 12.0 18.0



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: 0.409 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

Instrument :

BNA_E

ClientSampleId :

DFTPP

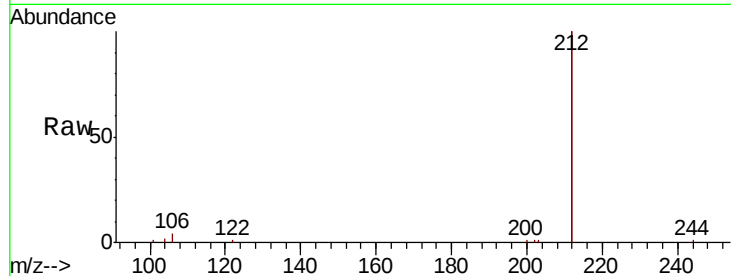
Tot Ion:212 Resp: 59546

Ion Ratio Lower Upper

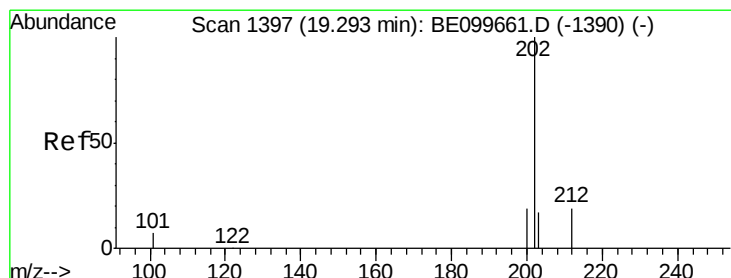
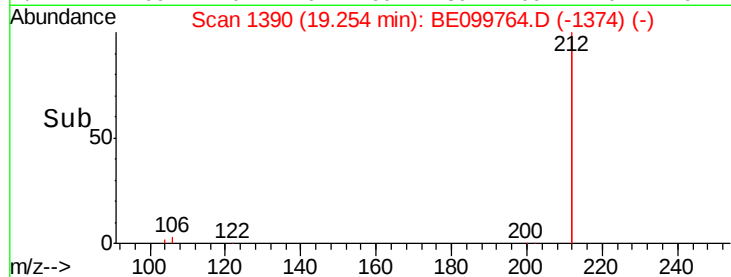
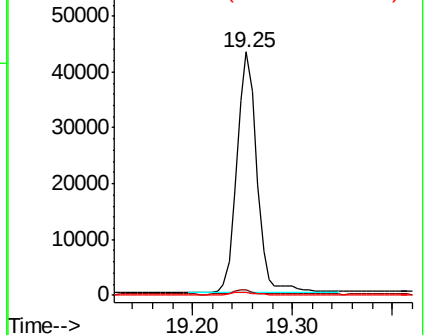
212 100

106 1.8 1.4 2.2

104 1.2 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: 0.434 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

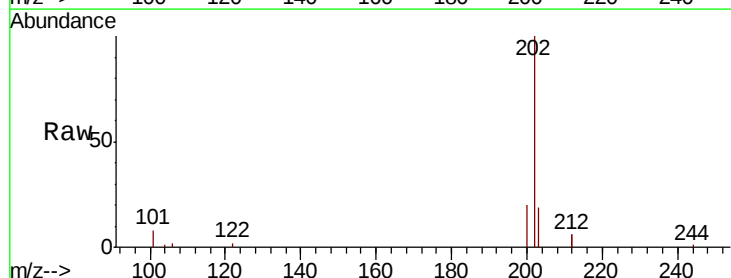
Tgt Ion:202 Resp: 17891

Ion Ratio Lower Upper

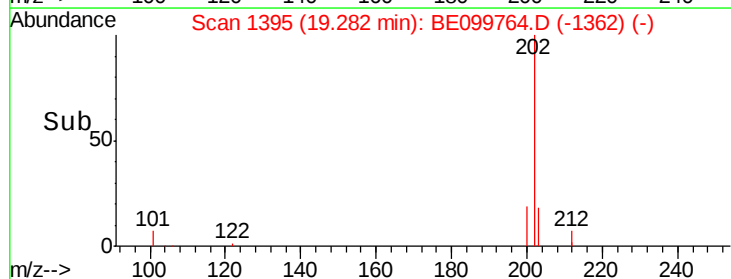
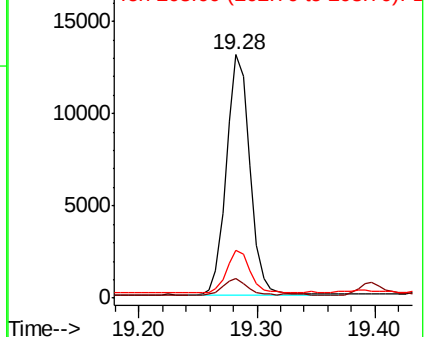
202 100

101 7.5 5.2 7.8

203 17.6 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

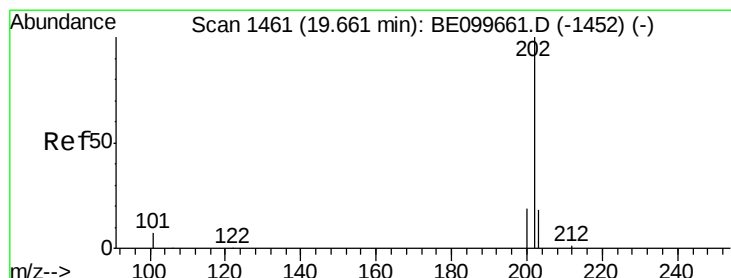
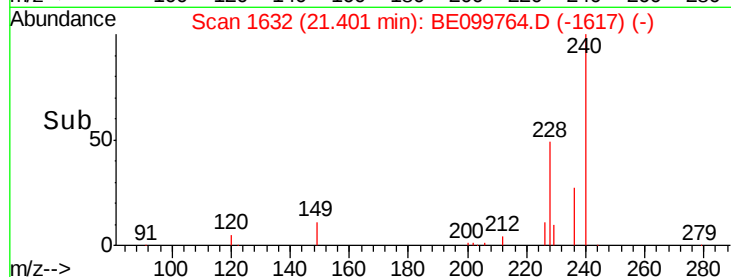
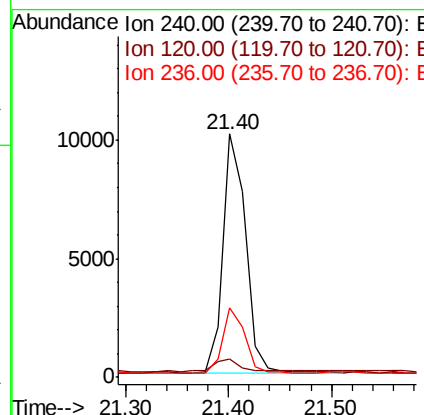
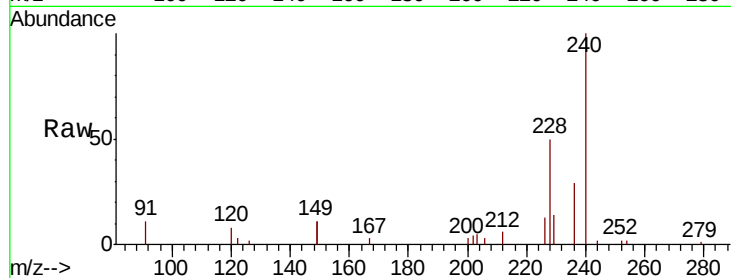




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

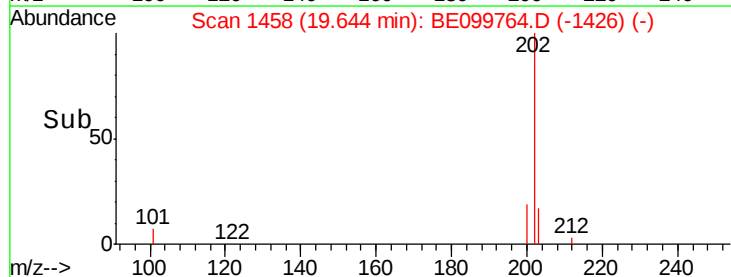
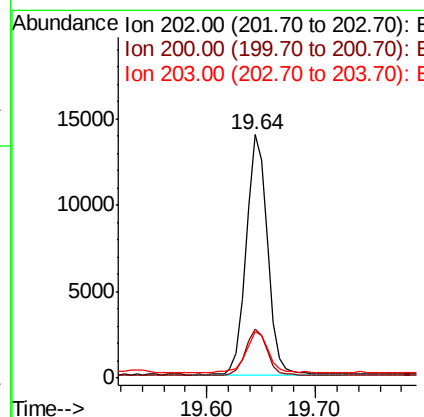
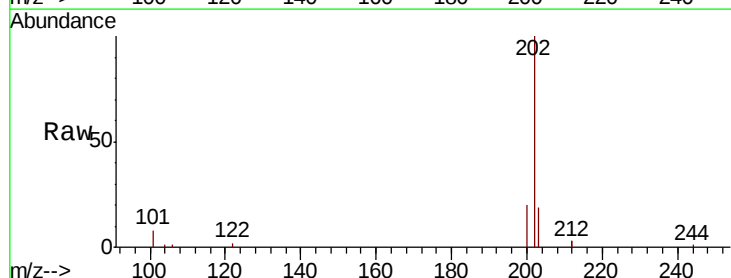
Instrument :
BNA_E
ClientSampleId :
DFTPP

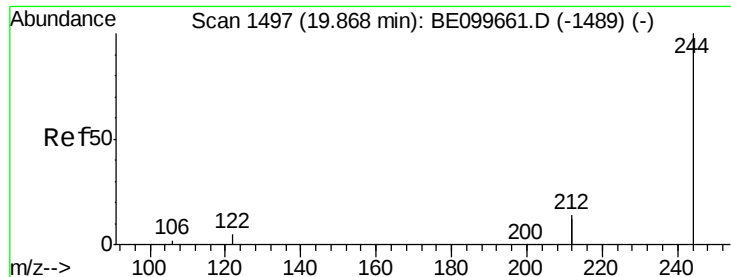
Tot Ion:240 Resp: 15504
Ion Ratio Lower Upper
240 100
120 7.7 5.4 8.0
236 28.6 21.7 32.5



#28
Pyrene
Concen: 0.481 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BE099764.D
Acq: 28 May 2019 19:31

Tgt Ion:202 Resp: 18718
Ion Ratio Lower Upper
202 100
200 20.1 15.4 23.2
203 17.7 13.8 20.8





#29

Terphenyl-d14

Concen: 0.638 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

Instrument :

BNA_E

ClientSampleId :

DFTPP

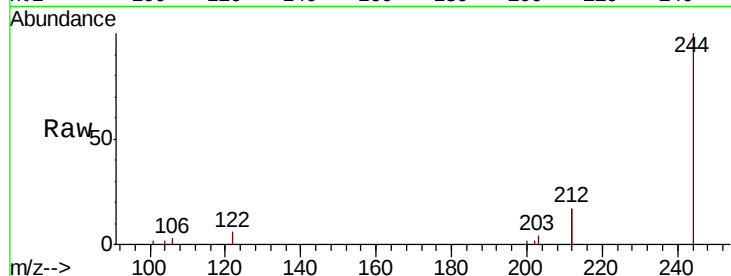
Tot Ion:244 Resp: 17656

Ion Ratio Lower Upper

244 100

212 33.0 22.5 33.7

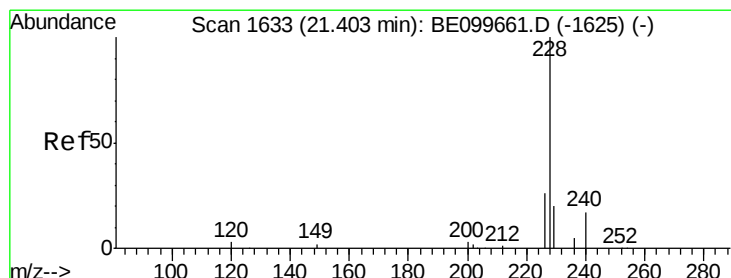
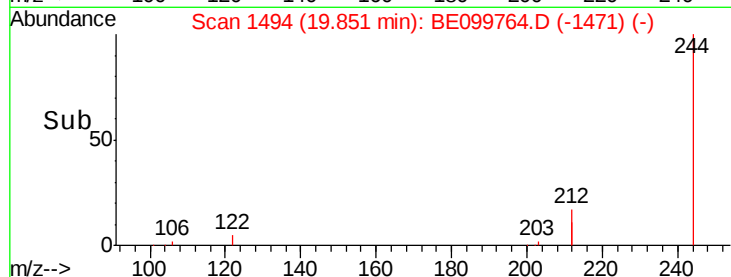
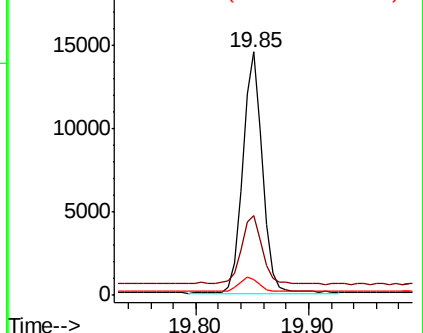
122 6.2 4.3 6.5



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: 0.489 ng

RT: 21.39 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

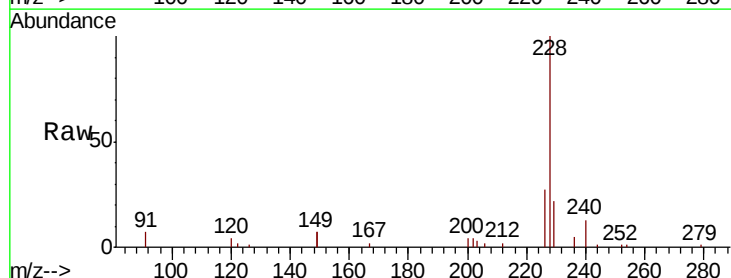
Tgt Ion:228 Resp: 21555

Ion Ratio Lower Upper

228 100

226 27.1 21.3 31.9

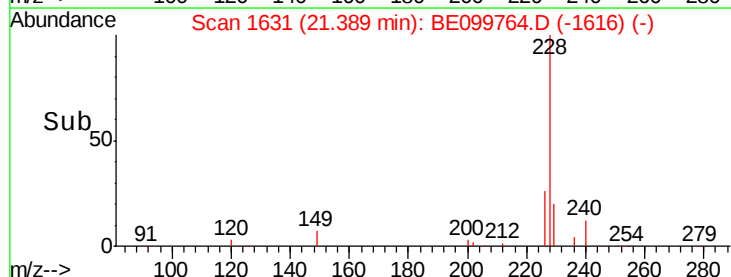
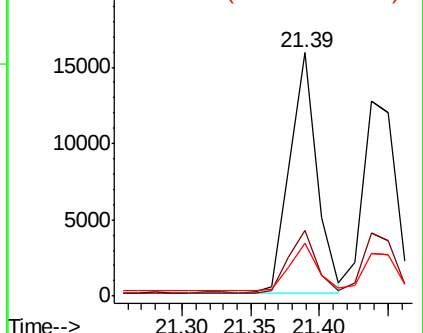
229 22.0 16.1 24.1

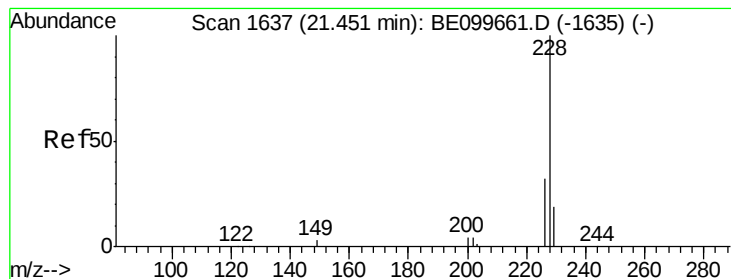


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.442 ng

RT: 21.44 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

Instrument :

BNA_E

ClientSampleId :

DFTPP

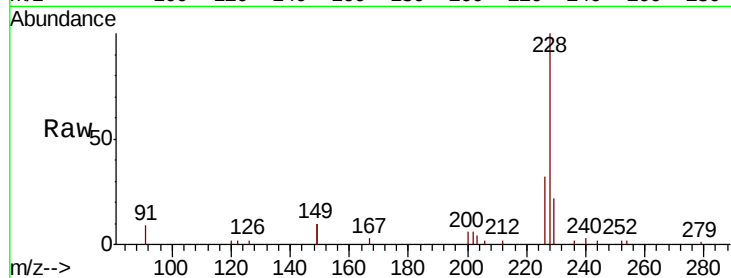
Tot Ion:228 Resp: 20801

Ion Ratio Lower Upper

228 100

226 32.3 24.7 37.1

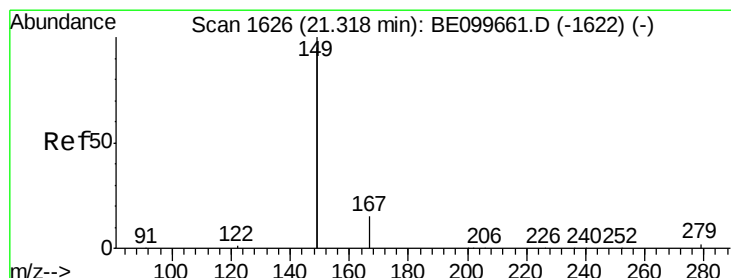
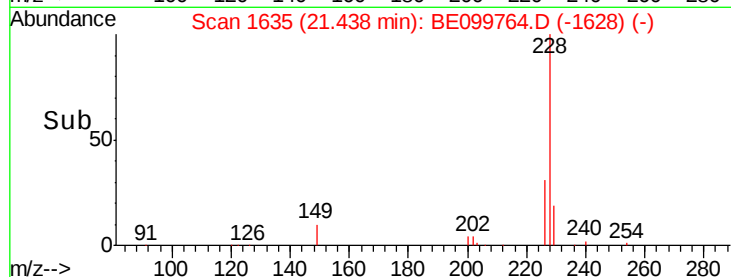
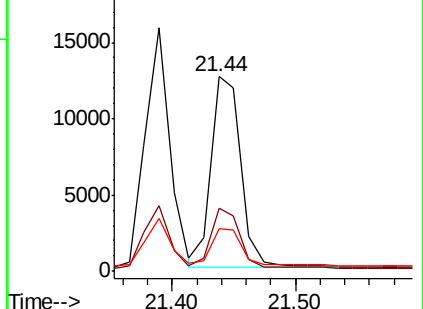
229 21.8 15.8 23.6



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: 1.058 ng

RT: 21.30 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

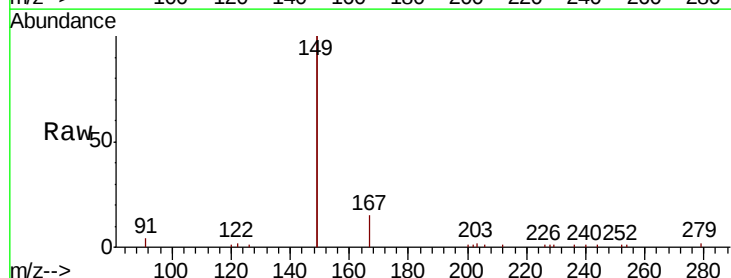
Tgt Ion:149 Resp: 53696

Ion Ratio Lower Upper

149 100

167 7.6 6.2 9.4

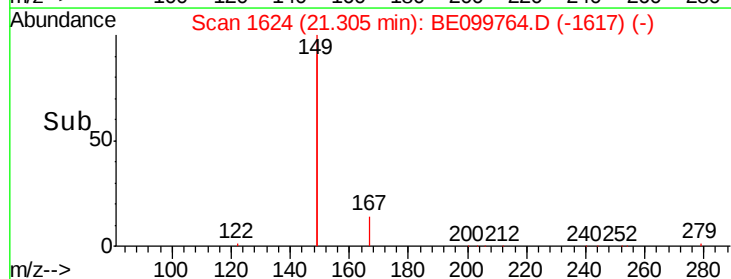
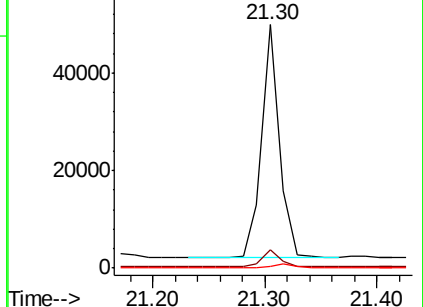
279 1.4 1.2 1.8

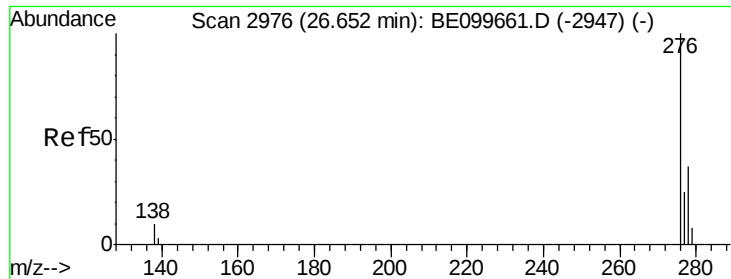


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

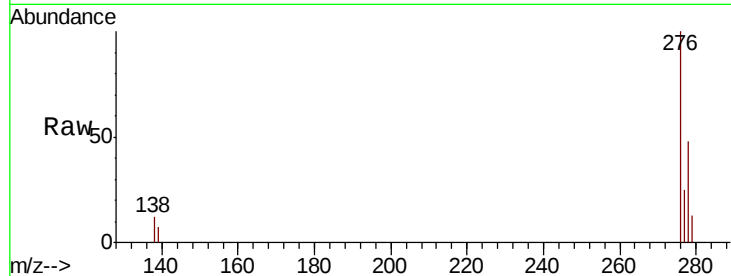




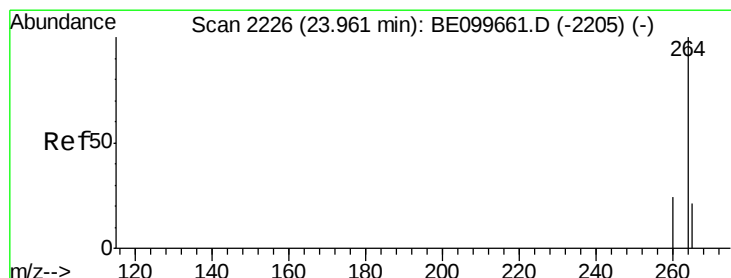
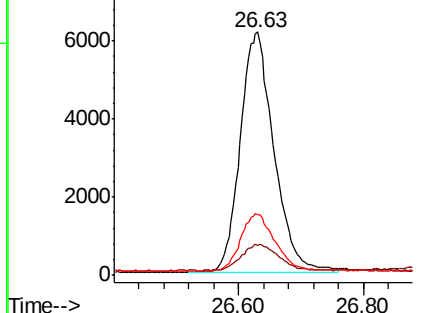
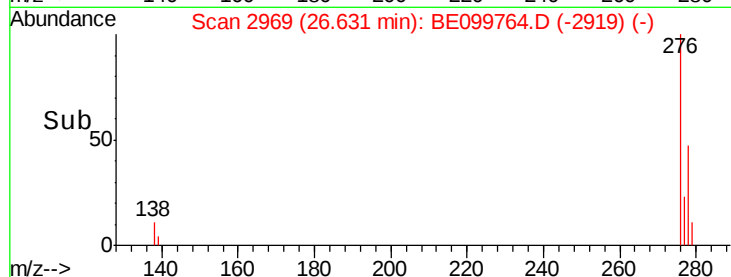
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.403 ng
 RT: 26.63 min Scan# 2969
 Delta R.T. -0.02 min
 Lab File: BE099764.D
 Acq: 28 May 2019 19:31

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Tot Ion:276 Resp: 22936
 Ion Ratio Lower Upper
 276 100
 138 11.6 9.6 14.4
 277 24.5 19.2 28.8

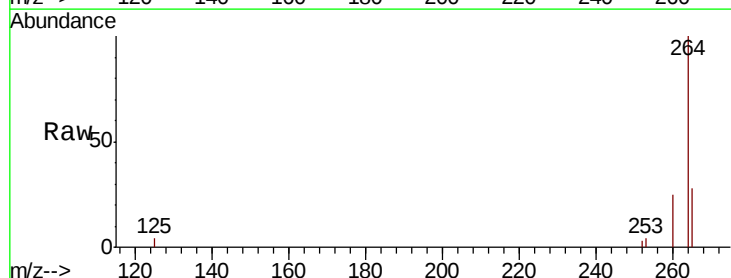


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

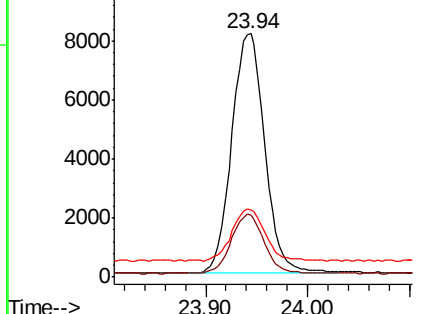
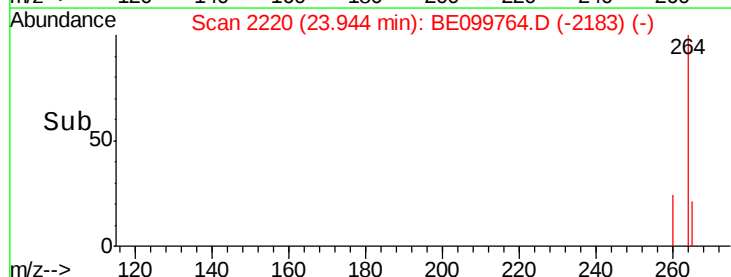


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2220
 Delta R.T. -0.02 min
 Lab File: BE099764.D
 Acq: 28 May 2019 19:31

Tgt Ion:264 Resp: 18346
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.6 29.4
 265 27.6 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: 0.407 ng

RT: 23.16 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

Instrument :

BNA_E

ClientSampleId :

DFTPP

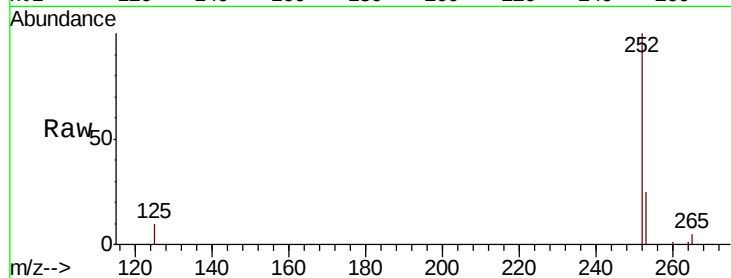
Tot Ion:252 Resp: 20484

Ion Ratio Lower Upper

252 100

253 25.3 18.2 27.4

125 10.1 4.5 6.7#

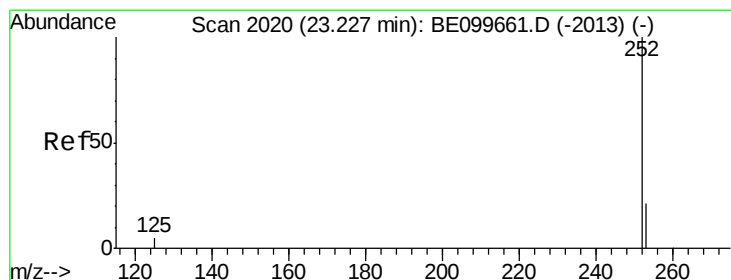
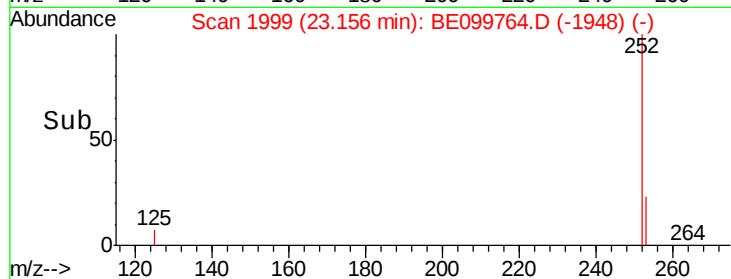
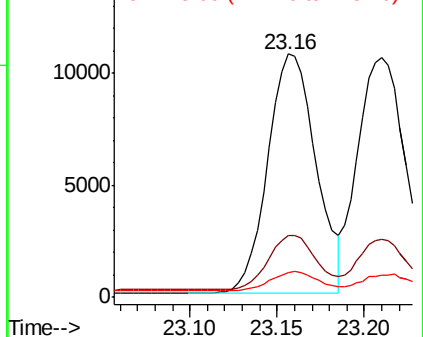


Abundance

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: 0.389 ng

RT: 23.21 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

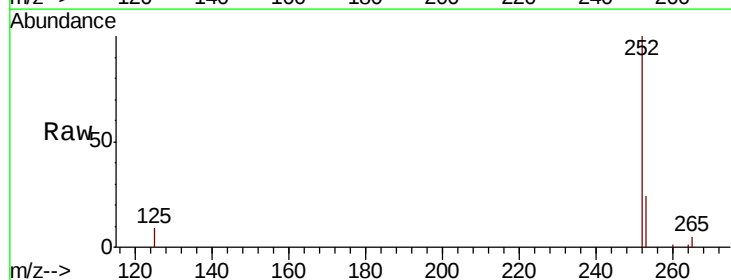
Tgt Ion:252 Resp: 20400

Ion Ratio Lower Upper

252 100

253 24.3 17.8 26.8

125 9.4 4.6 6.8#

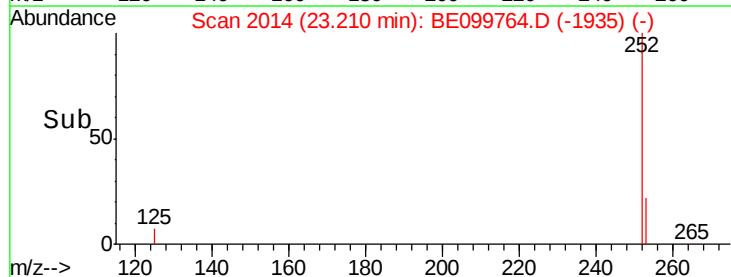
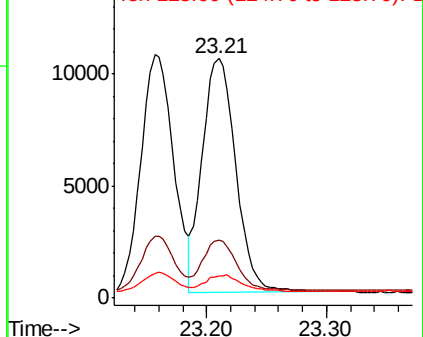


Abundance

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: 0.407 ng

RT: 23.82 min Scan# 2186

Delta R.T. -0.02 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

Instrument :

BNA_E

ClientSampleId :

DFTPP

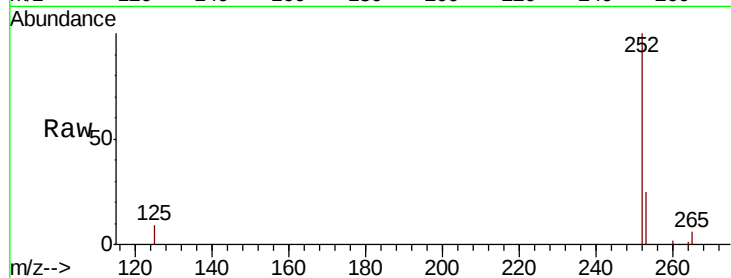
Tot Ion:252 Resp: 19707

Ion Ratio Lower Upper

252 100

253 25.2 18.9 28.3

125 9.0 5.4 8.0#

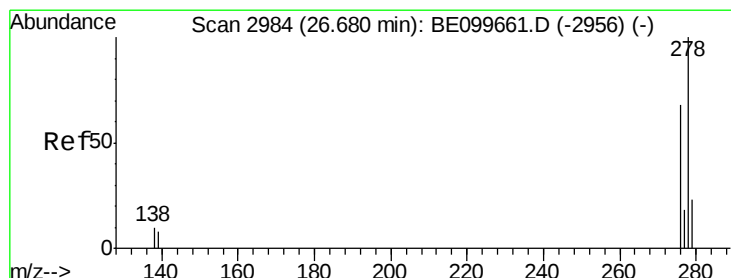
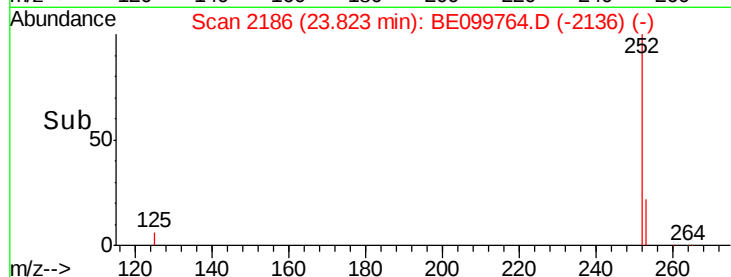
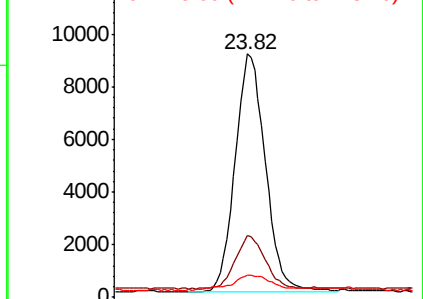


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.368 ng

RT: 26.66 min Scan# 2977

Delta R.T. -0.02 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

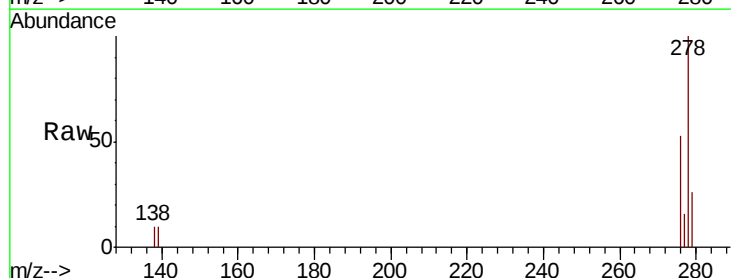
Tgt Ion:278 Resp: 18700

Ion Ratio Lower Upper

278 100

139 10.4 6.9 10.3#

279 25.9 19.2 28.8

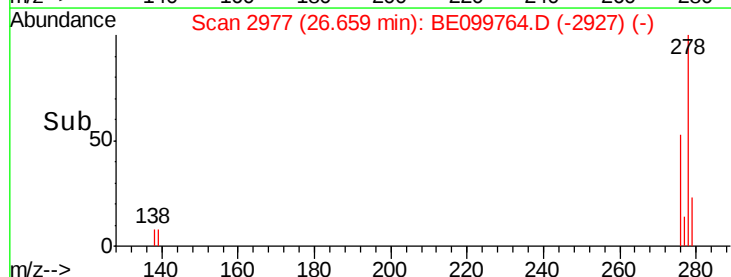
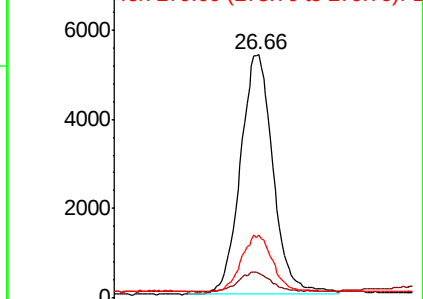


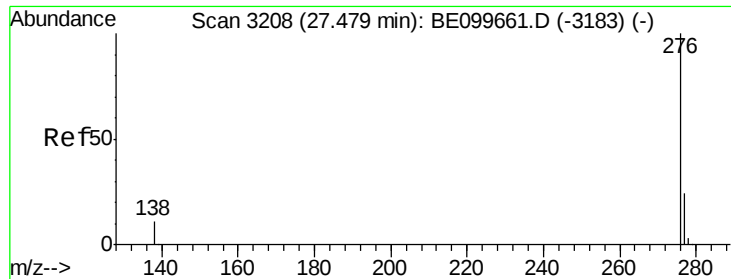
Abundance

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: 0.387 ng

RT: 27.46 min Scan# 3201

Delta R.T. -0.02 min

Lab File: BE099764.D

Acq: 28 May 2019 19:31

Instrument :

BNA_E

ClientSampleId :

DFTPP

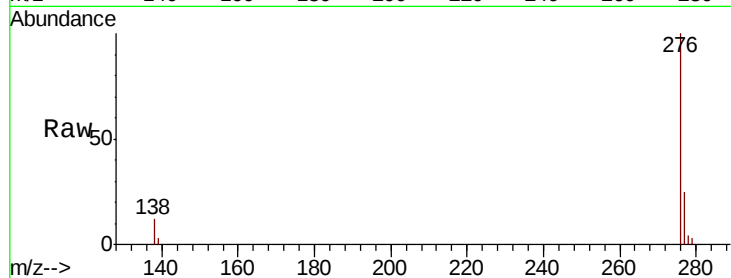
Tot Ion: 276 Resp: 19833

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.6

138 12.4 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

