

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060319\
 Data File : BE099786.D
 Acq On : 3 Jun 2019 15:00
 Operator : JU/SJ
 Sample : PB120277BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120277BSD

Quant Time: Jun 03 19:11:19 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

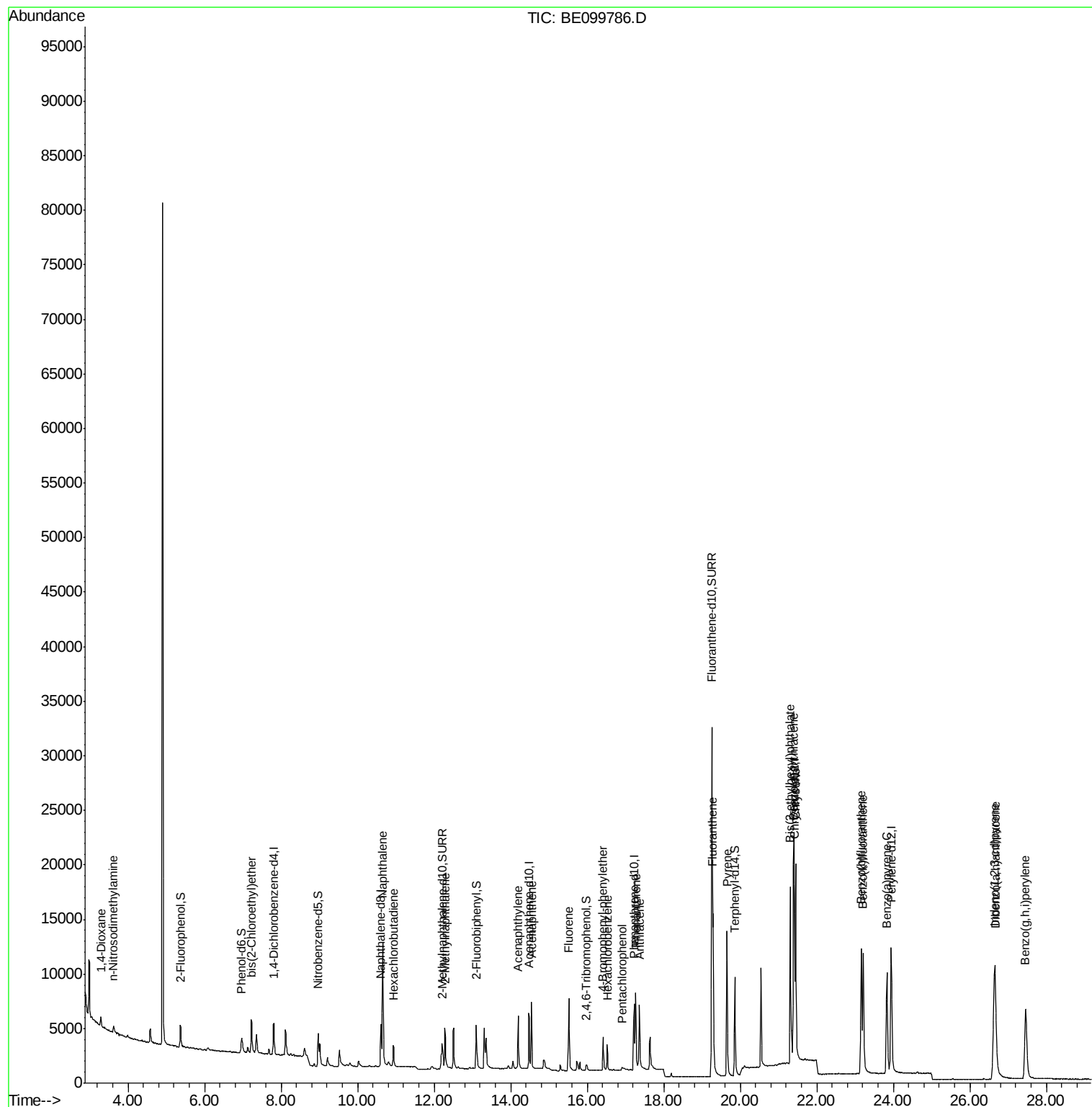
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1763	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	5798	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	3910	0.40	ng	-0.02
19) Phenanthrene-d10	17.23	188	11413	0.40	ng	0.00
27) Chrysene-d12	21.41	240	16732	0.40	ng	0.00
34) Perylene-d12	23.94	264	19782	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1528	0.34	ng	0.00
5) Phenol-d6	6.96	99	1876	0.32	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1565	0.31	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	4483	0.45	ng	-0.02
14) 2,4,6-Tribromophenol	15.98	330	569	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	5011	0.34	ng	0.00
25) Fluoranthene-d10	19.26	212	51912	0.33	ng	0.00
29) Terphenyl-d14	19.86	244	11125	0.37	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	676	0.259	ng	Qvalue # 23
3) n-Nitrosodimethylamine	3.61	42	446	0.310	ng	# 77
6) bis(2-Chloroethyl)ether	7.23	93	1580	0.301	ng	96
9) Naphthalene	10.65	128	20832	0.336	ng	100
10) Hexachlorobutadiene	10.93	225	1589	0.348	ng	98
12) 2-Methylnaphthalene	12.28	142	3355	0.332	ng	96
16) Acenaphthylene	14.20	152	5989	0.329	ng	99
17) Acenaphthene	14.54	154	3318	0.324	ng	97
18) Fluorene	15.51	166	4742	0.315	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	2084	0.317	ng	# 89
21) Hexachlorobenzene	16.52	284	2266	0.337	ng	100
22) Pentachlorophenol	16.91	266	472	0.408	ng	98
23) Phenanthrene	17.27	178	8863	0.318	ng	100
24) Anthracene	17.36	178	7895	0.312	ng	100
26) Fluoranthene	19.29	202	14421	0.327	ng	99
28) Pyrene	19.65	202	14856	0.353	ng	99
30) Benzo(a)anthracene	21.39	228	18399	0.387	ng	99
31) Chrysene	21.45	228	18342	0.361	ng	98
32) Bis(2-ethylhexyl)phthalate	21.30	149	18119	0.331	ng	99
33) Indeno(1,2,3-cd)pyrene	26.63	276	22320	0.364	ng	# 94
35) Benzo(b)fluoranthene	23.16	252	18147	0.335	ng	98
36) Benzo(k)fluoranthene	23.21	252	19849	0.351	ng	99
37) Benzo(a)pyrene	23.83	252	18025	0.346	ng	99
38) Dibenzo(a,h)anthracene	26.67	278	18156	0.331	ng	99
39) Benzo(g,h,i)perylene	27.46	276	19378	0.350	ng	99

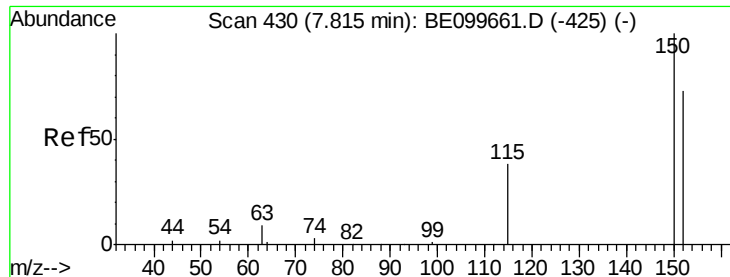
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060319\
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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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

Instrument :

BNA_E

ClientSampleId :

PB120277BSD

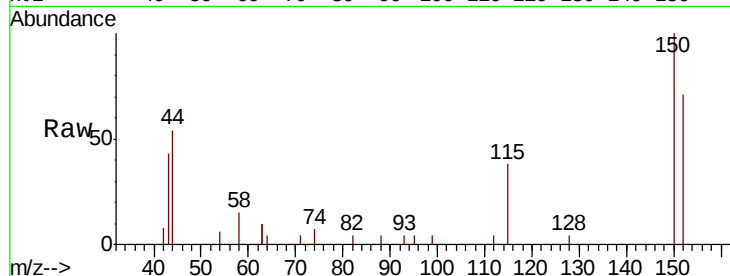
Tot Ion:152 Resp: 1763

Ion Ratio Lower Upper

152 100

150 141.3 109.2 163.8

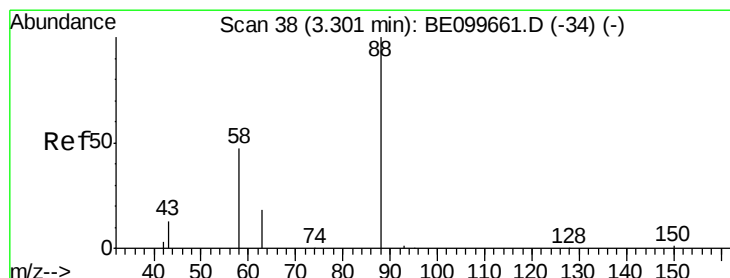
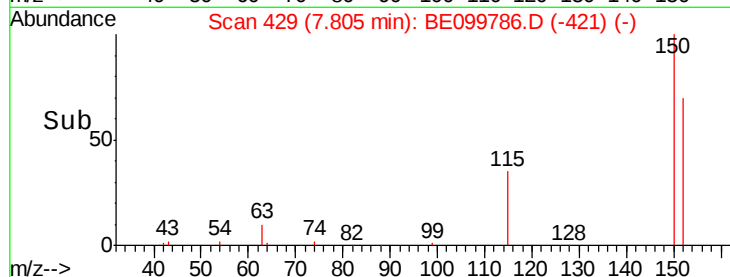
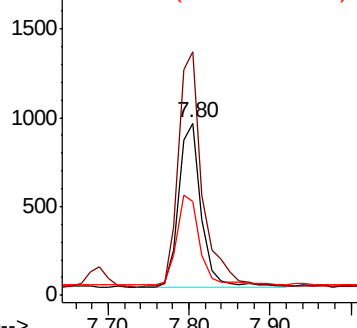
115 54.2 43.7 65.5



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: 0.259 ng

RT: 3.29 min Scan# 37

Delta R.T. -0.01 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

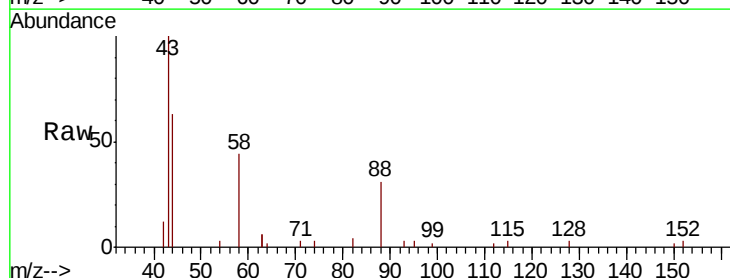
Tgt Ion: 88 Resp: 676

Ion Ratio Lower Upper

88 100

58 91.4 41.8 62.8#

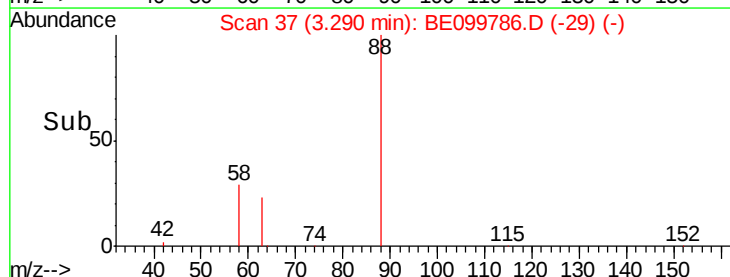
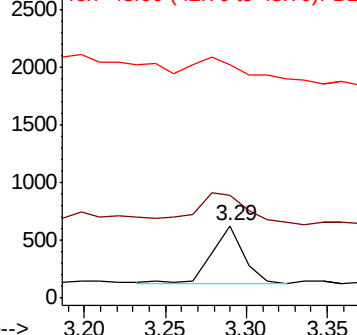
43 80.2 15.0 22.4#

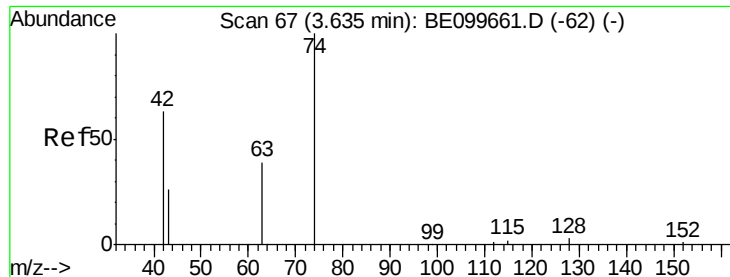


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.310 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.02 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

Instrument :

BNA_E

ClientSampleId :

PB120277BSD

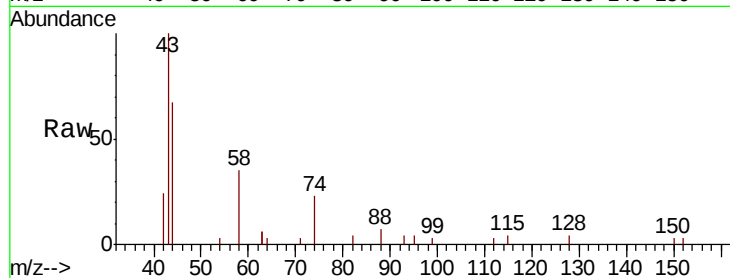
Tot Ion: 42 Resp: 446

Ion Ratio Lower Upper

42 100

74 192.4 129.2 193.8

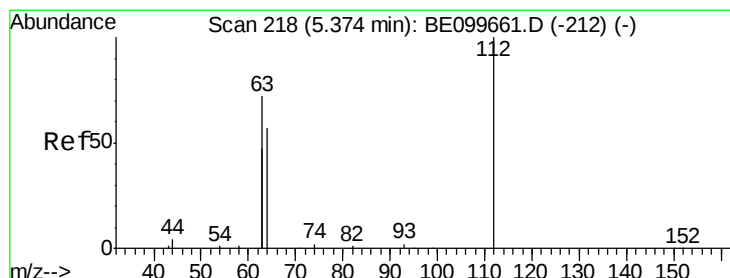
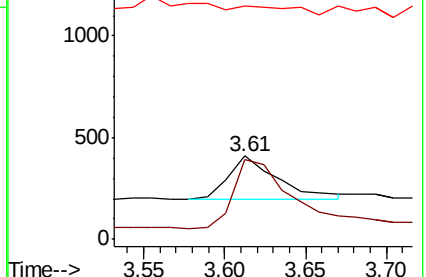
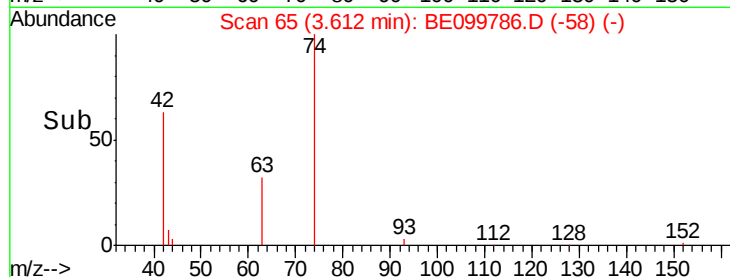
44 0.0 0.0 0.0



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: 0.343 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

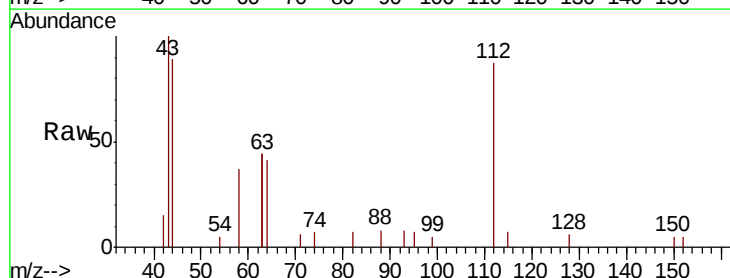
Tgt Ion: 112 Resp: 1528

Ion Ratio Lower Upper

112 100

64 55.1 43.4 65.2

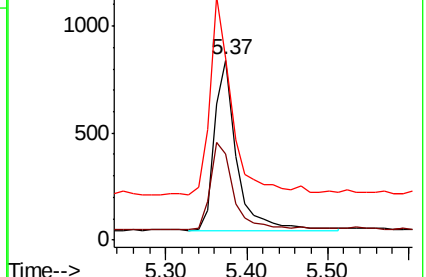
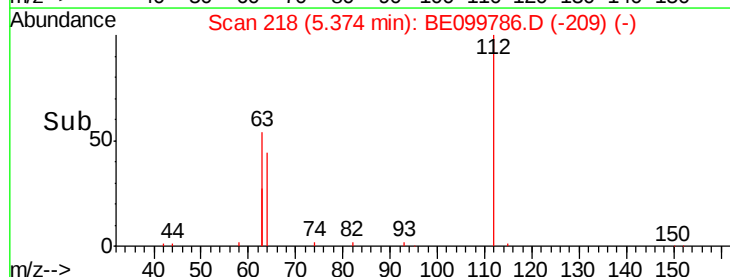
63 115.8 96.9 145.3

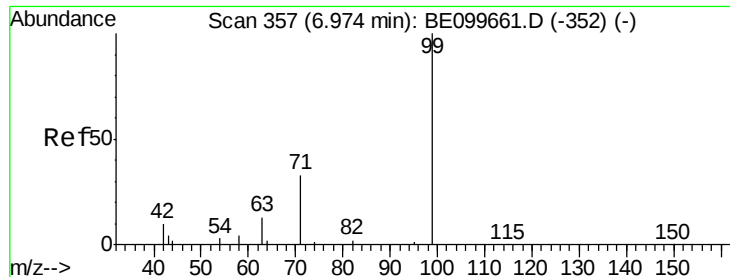


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.318 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

Instrument :

BNA_E

ClientSampleId :

PB120277BSD

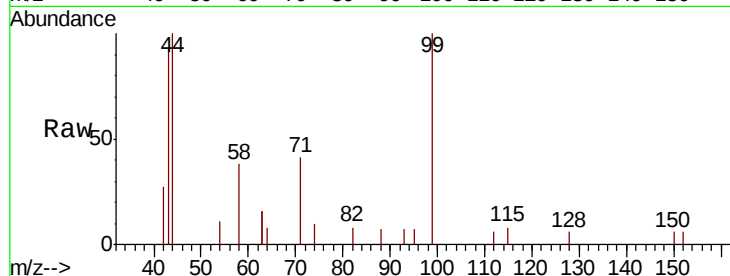
Tot Ion: 99 Resp: 1876

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

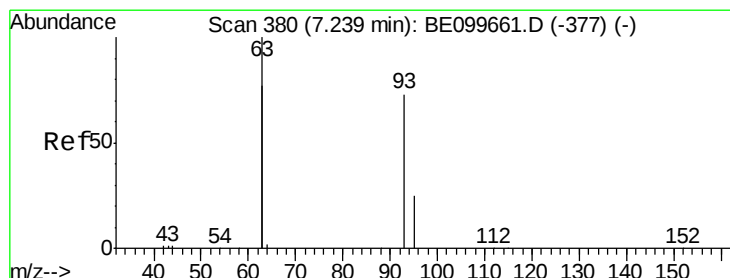
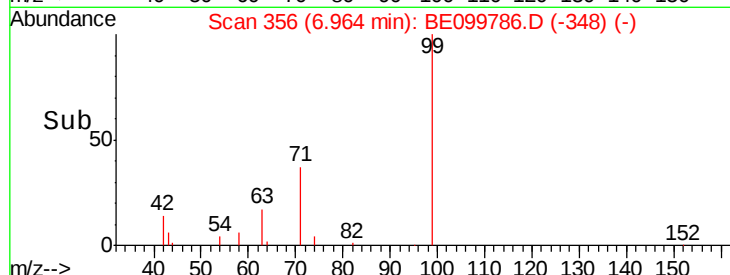
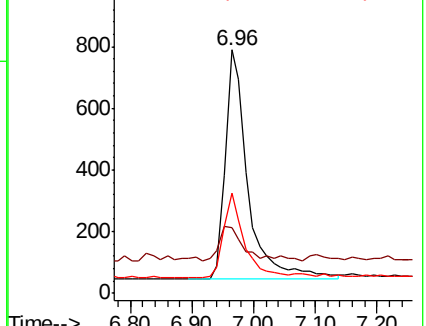
71 34.3 28.9 43.3



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: 0.301 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

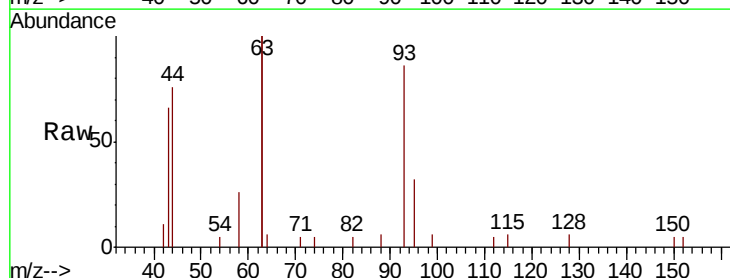
Tgt Ion: 93 Resp: 1580

Ion Ratio Lower Upper

93 100

63 267.2 207.8 311.6

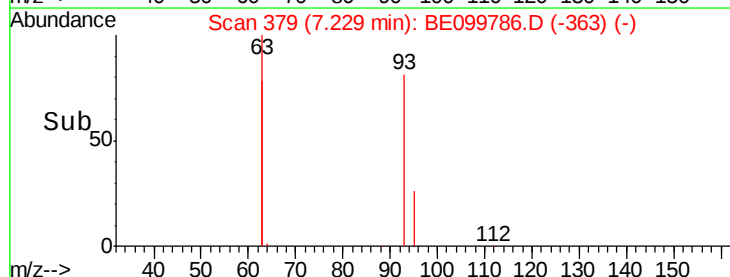
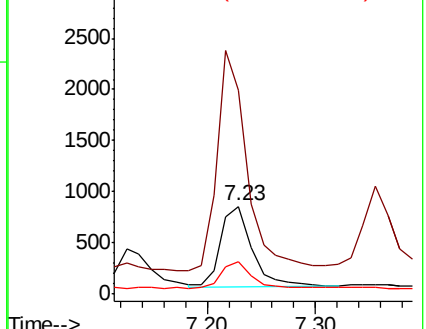
95 30.8 25.9 38.9

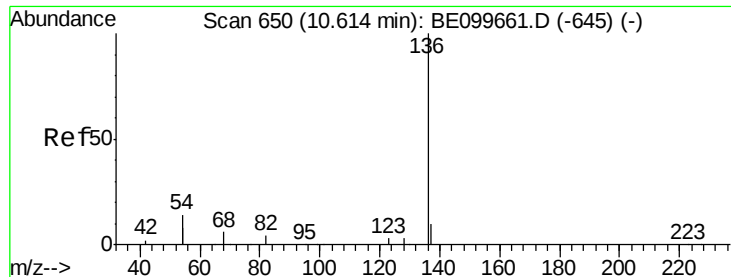


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

Instrument :

BNA_E

ClientSampleId :

PB120277BSD

Tot Ion:136 Resp: 5798

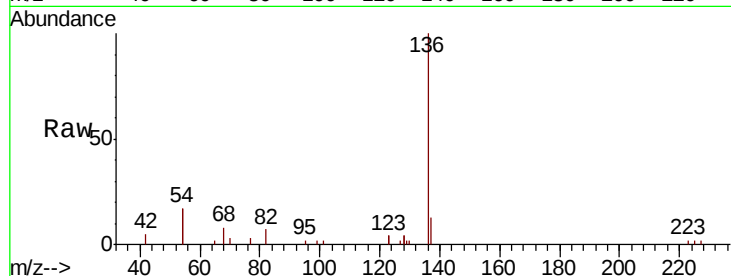
Ion Ratio Lower Upper

136 100

137 12.8 9.0 13.6

54 33.4 22.3 33.5

68 8.2 6.0 9.0

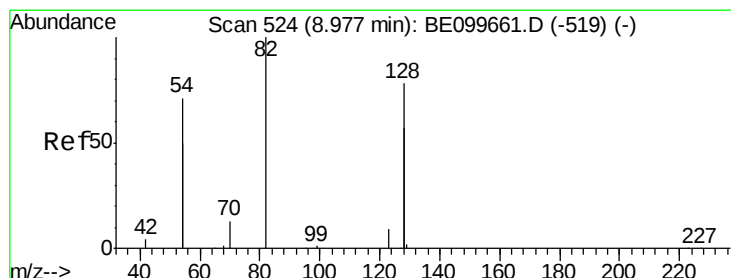
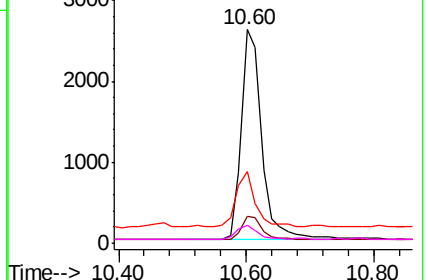
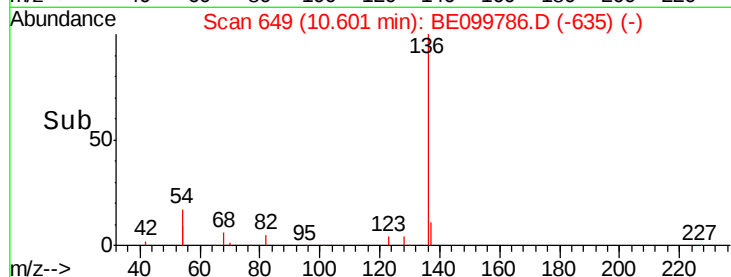


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.312 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

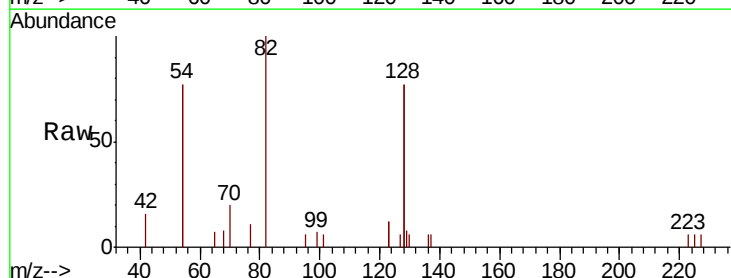
Tgt Ion: 82 Resp: 1565

Ion Ratio Lower Upper

82 100

128 153.7 117.7 176.5

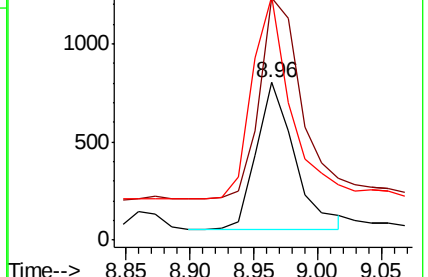
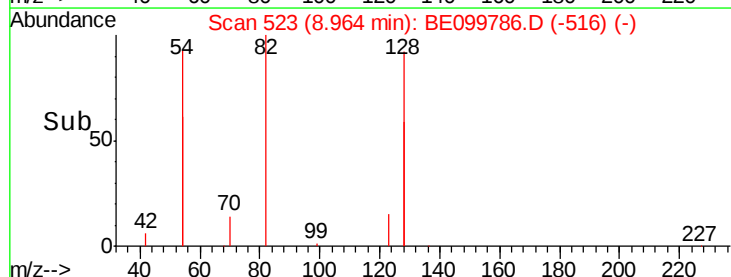
54 154.4 106.6 160.0

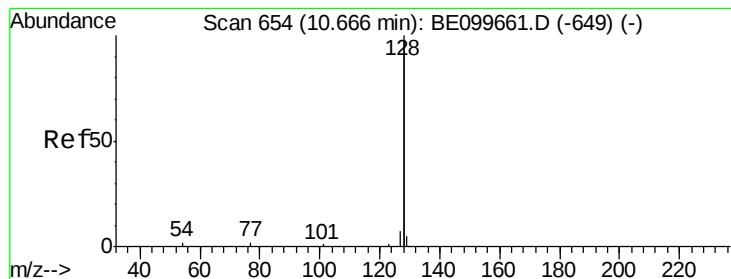


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.336 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

Instrument :

BNA_E

ClientSampleId :

PB120277BSD

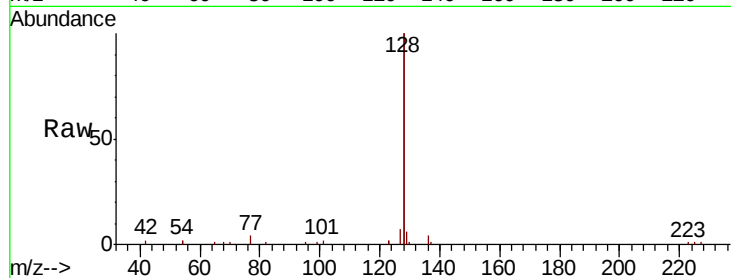
Tot Ion:128 Resp: 20832

Ion Ratio Lower Upper

128 100

129 3.1 2.4 3.6

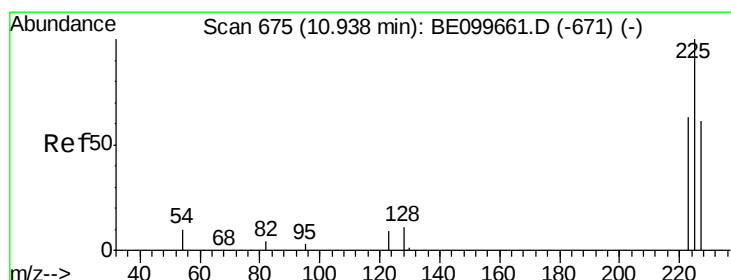
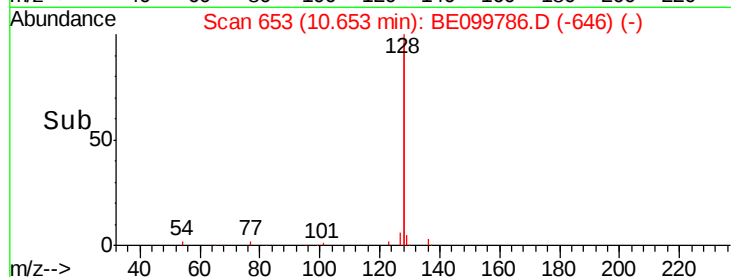
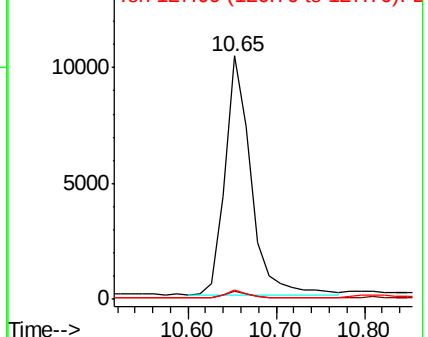
127 3.6 2.9 4.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.348 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.01 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

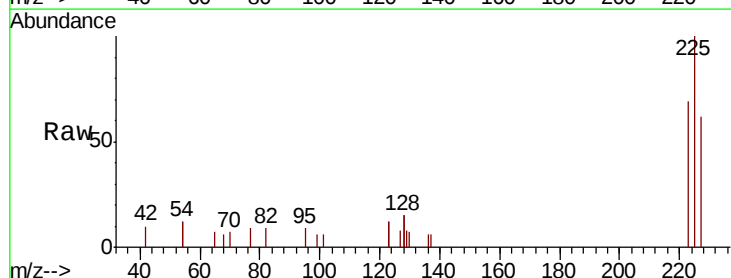
Tgt Ion:225 Resp: 1589

Ion Ratio Lower Upper

225 100

223 65.1 51.8 77.6

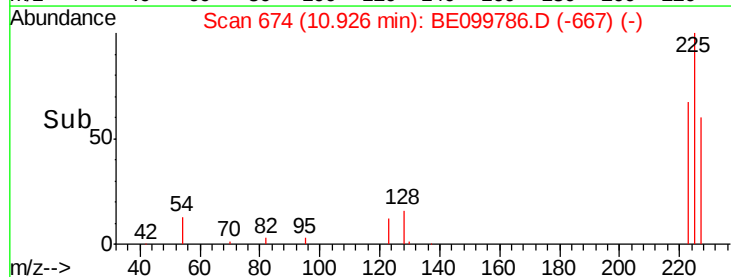
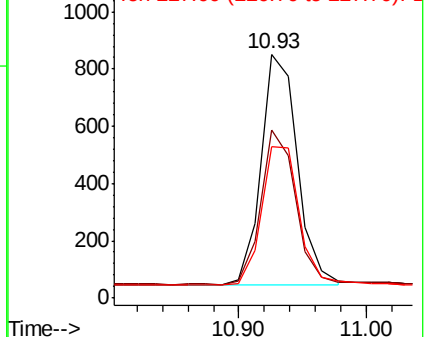
227 62.6 52.6 79.0

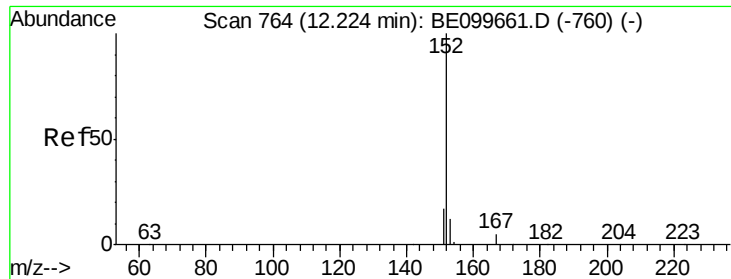


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

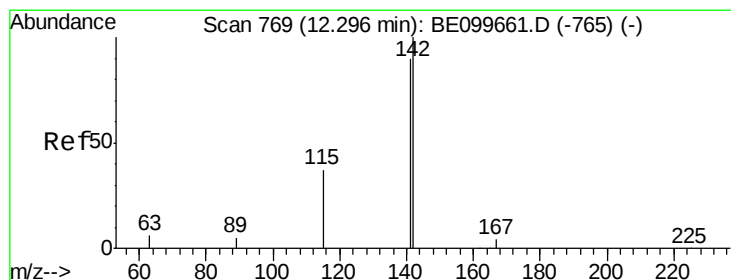
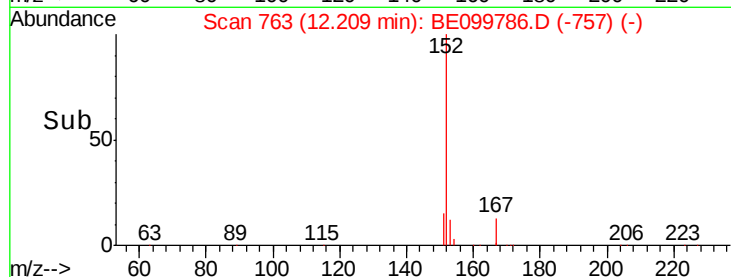
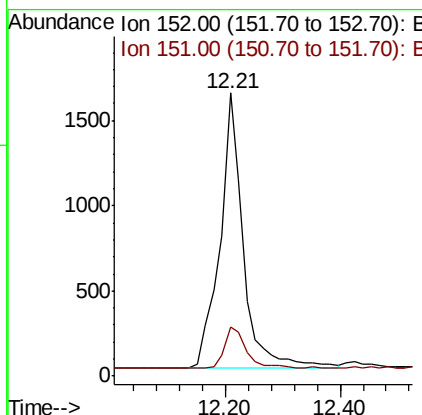
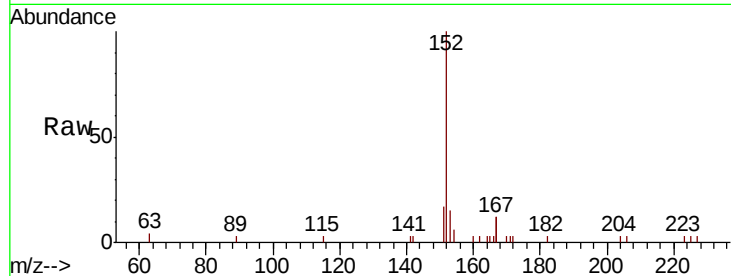




#11
 2-Methylnaphthalene-d10
 Concen: 0.448 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.02 min
 Lab File: BE099786.D
 Acq: 3 Jun 2019 15:00

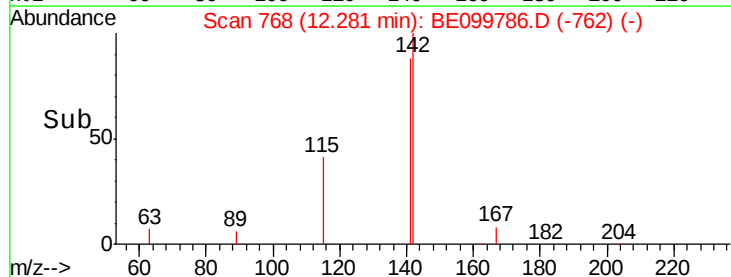
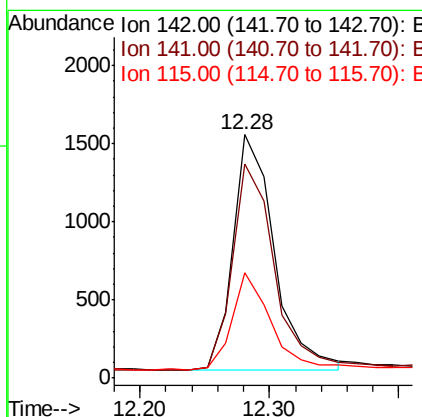
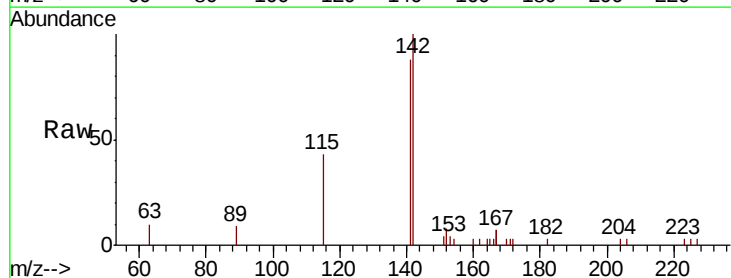
Instrument :
 BNA_E
 ClientSampleId :
 PB120277BSD

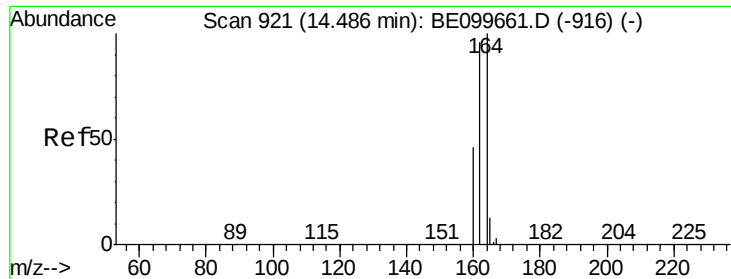
Tot Ion:152 Resp: 4483
 Ion Ratio Lower Upper
 152 100
 151 14.9 15.0 22.4#



#12
 2-Methylnaphthalene
 Concen: 0.332 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BE099786.D
 Acq: 3 Jun 2019 15:00

Tgt Ion:142 Resp: 3355
 Ion Ratio Lower Upper
 142 100
 141 88.1 72.0 108.0
 115 43.3 31.0 46.4

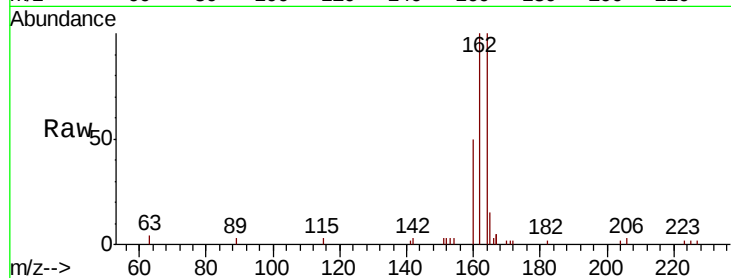




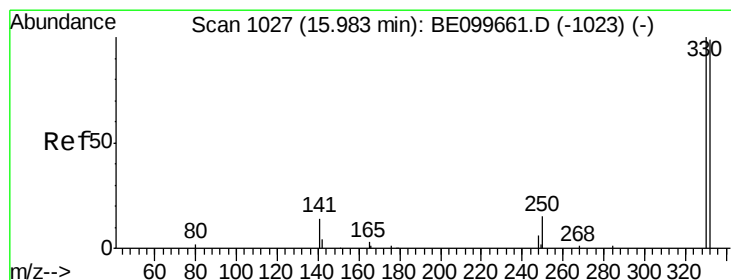
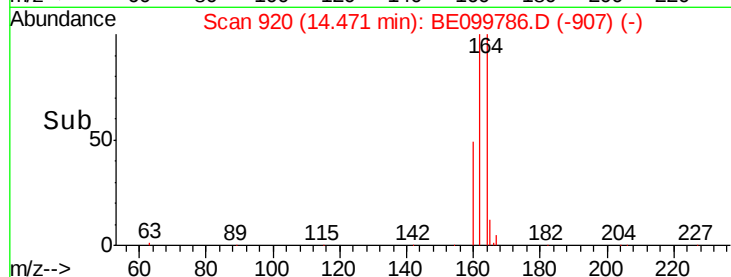
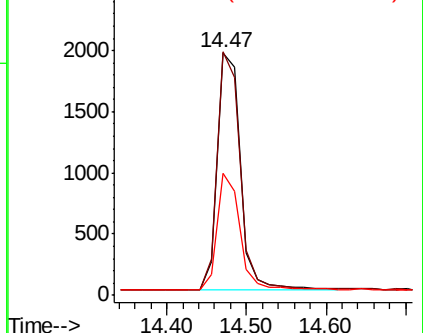
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BE099786.D
 Acq: 3 Jun 2019 15:00

Instrument :
 BNA_E
 ClientSampleId :
 PB120277BSD

Tot Ion:164 Resp: 3910
 Ion Ratio Lower Upper
 164 100
 162 100.3 76.5 114.7
 160 50.4 37.4 56.2

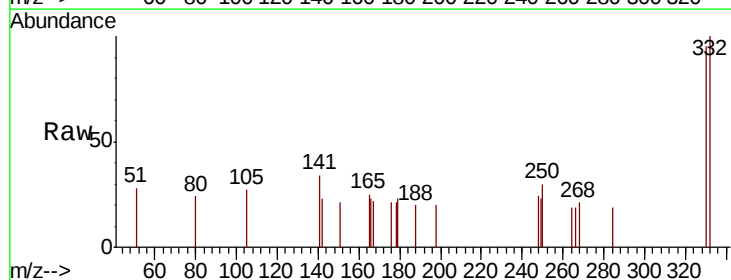


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

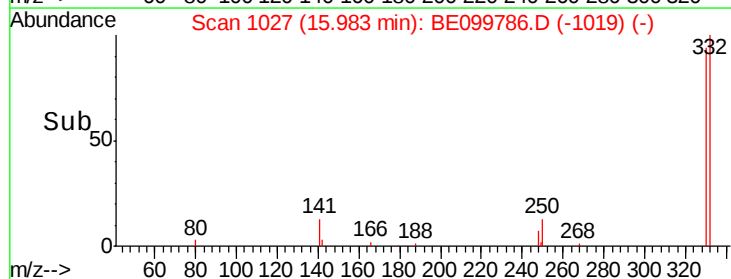
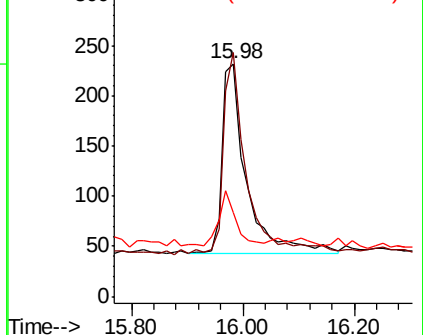


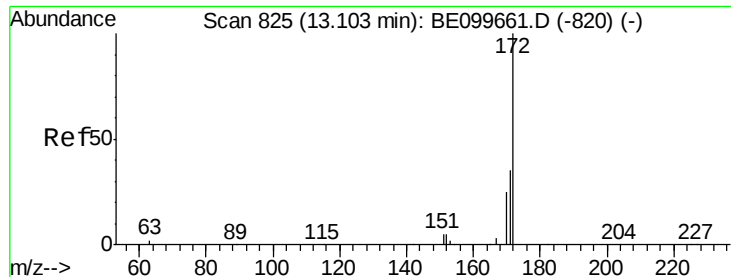
#14
 2,4,6-Tribromophenol
 Concen: 0.326 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099786.D
 Acq: 3 Jun 2019 15:00

Tgt Ion:330 Resp: 569
 Ion Ratio Lower Upper
 330 100
 332 99.6 77.3 115.9
 141 18.5 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

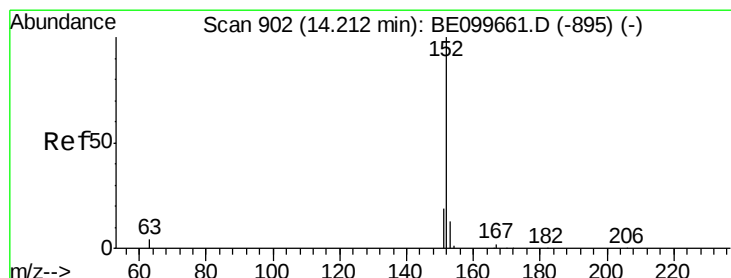
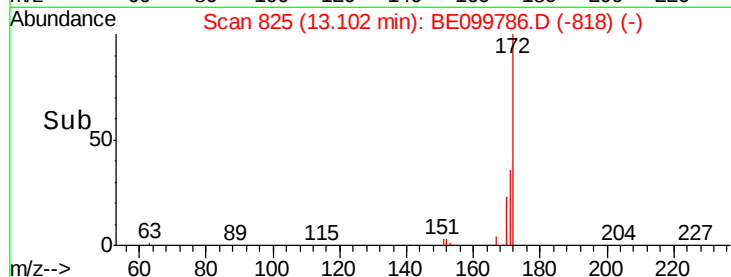
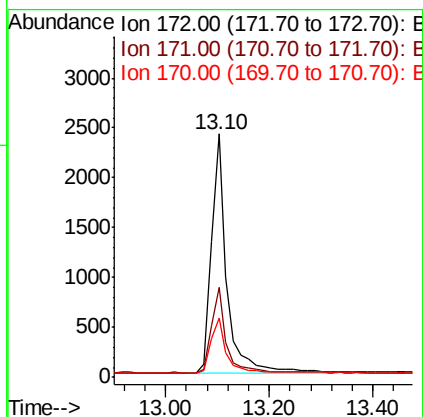
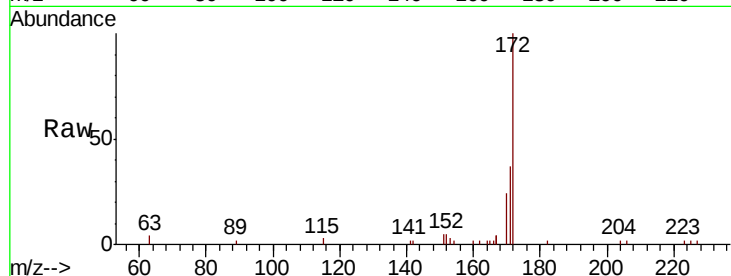




#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099786.D
Acq: 3 Jun 2019 15:00

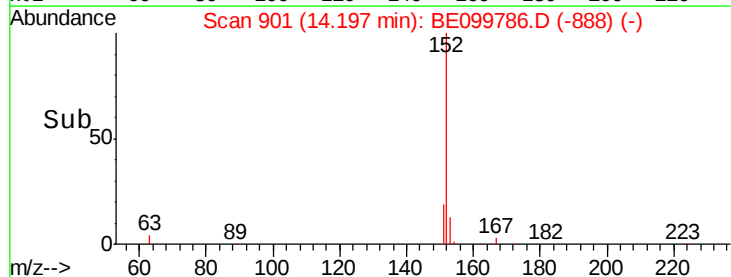
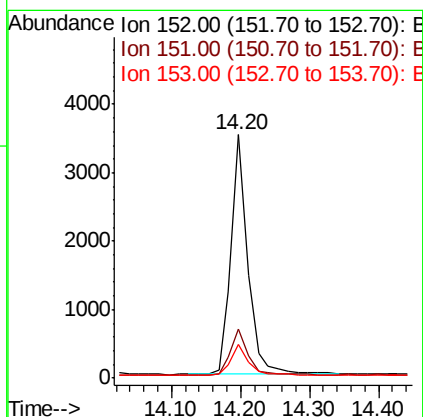
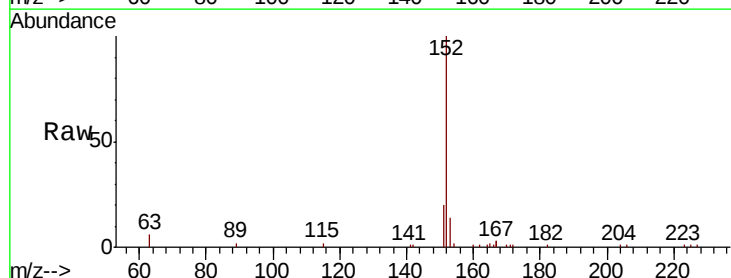
Instrument :
BNA_E
ClientSampleId :
PB120277BSD

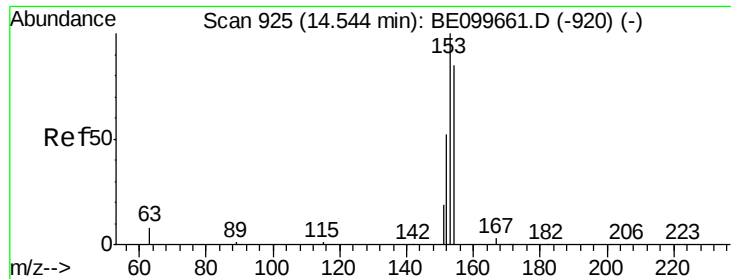
Tot Ion:172 Resp: 5011
Ion Ratio Lower Upper
172 100
171 36.9 28.7 43.1
170 24.2 20.9 31.3



#16
Acenaphthylene
Concen: 0.329 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099786.D
Acq: 3 Jun 2019 15:00

Tgt Ion:152 Resp: 5989
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.0 10.6 16.0





#17

Acenaphthene

Concen: 0.324 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

Instrument :

BNA_E

ClientSampleId :

PB120277BSD

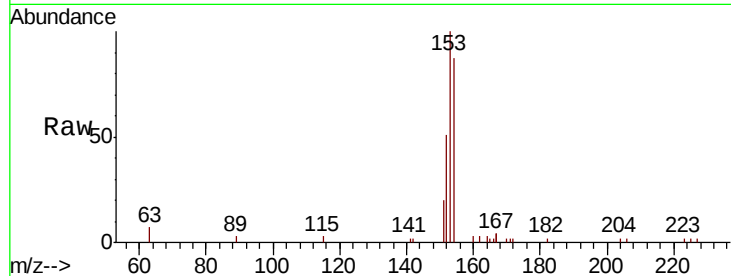
Tot Ion:154 Resp: 3318

Ion Ratio Lower Upper

154 100

153 117.1 91.8 137.6

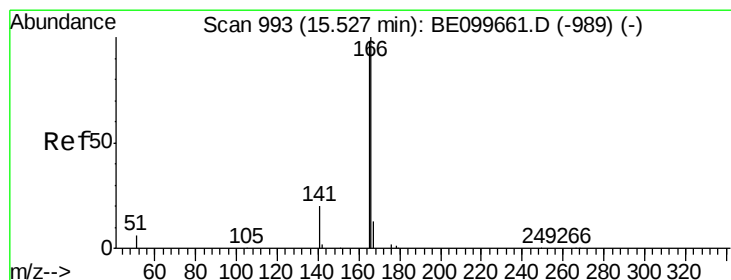
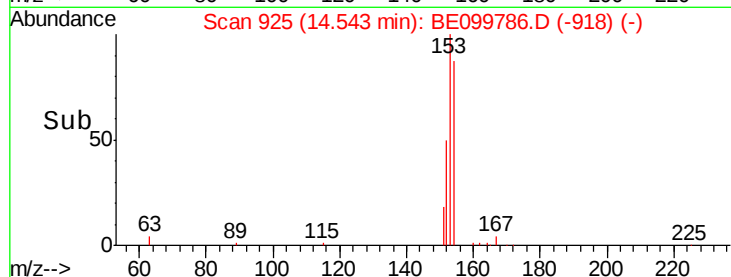
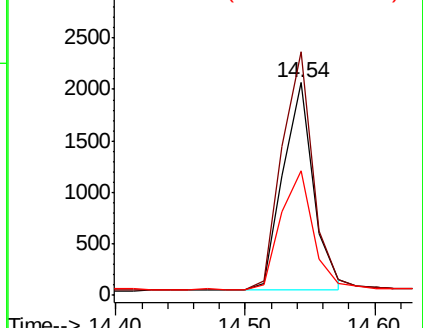
152 60.8 46.0 69.0



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: 0.315 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.01 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

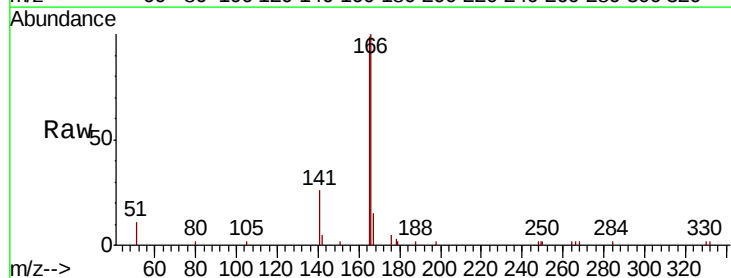
Tgt Ion:166 Resp: 4742

Ion Ratio Lower Upper

166 100

165 99.8 80.3 120.5

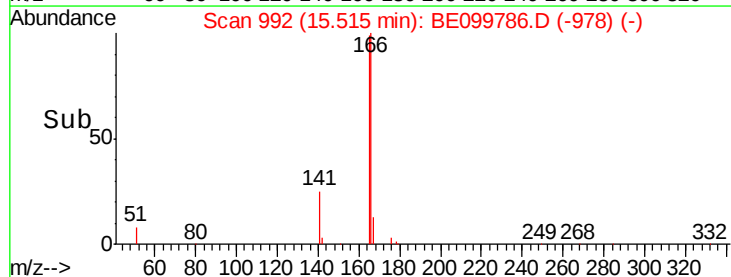
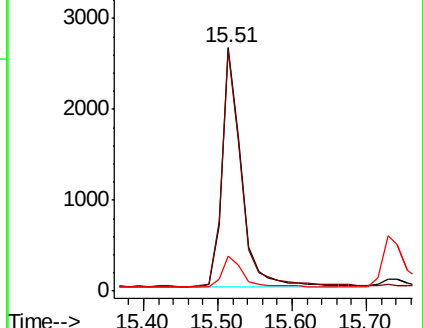
167 13.4 10.6 16.0

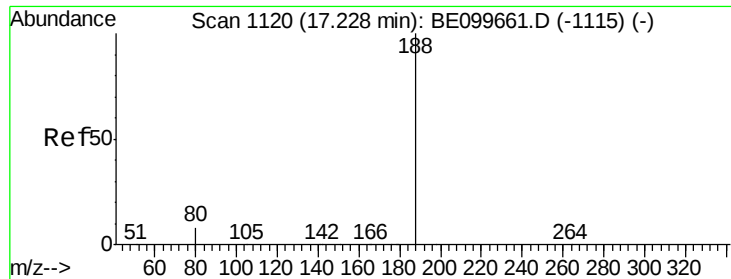


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099786.D

Acq: 3 Jun 2019 15:00

Instrument :

BNA_E

ClientSampleId :

PB120277BSD

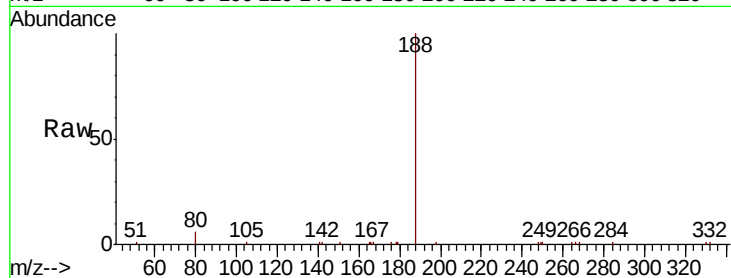
Tot Ion:188 Resp: 11413

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

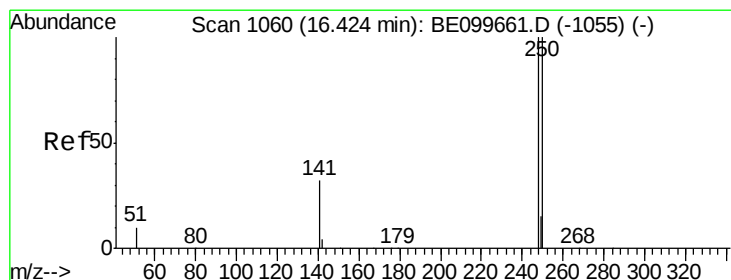
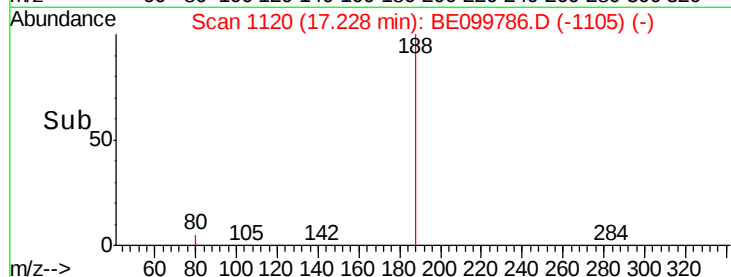
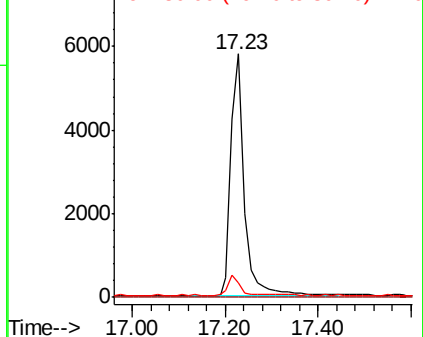
80 5.7 6.7 10.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.317 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

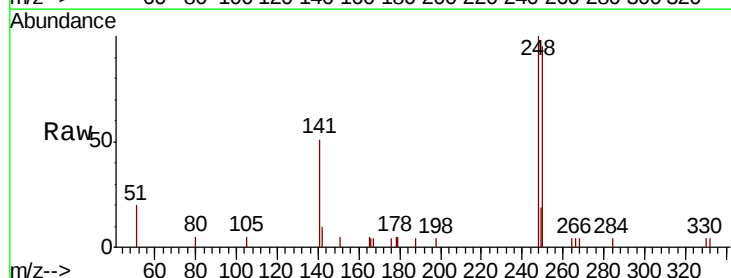
Tgt Ion:248 Resp: 2084

Ion Ratio Lower Upper

248 100

250 95.0 79.8 119.8

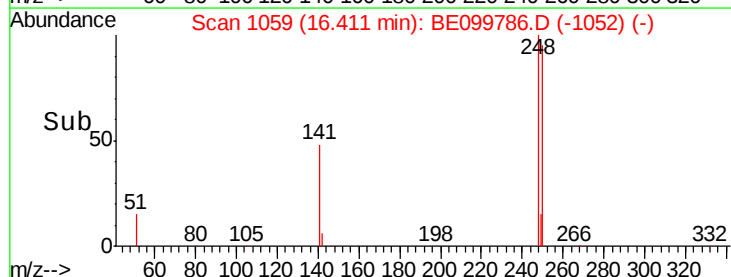
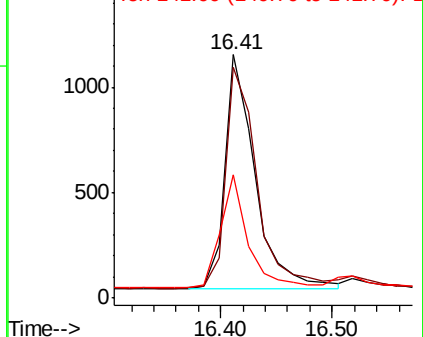
141 50.8 27.0 40.6#

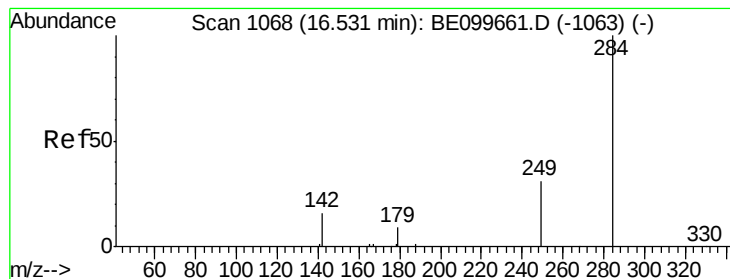


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.337 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

Instrument :

BNA_E

ClientSampleId :

PB120277BSD

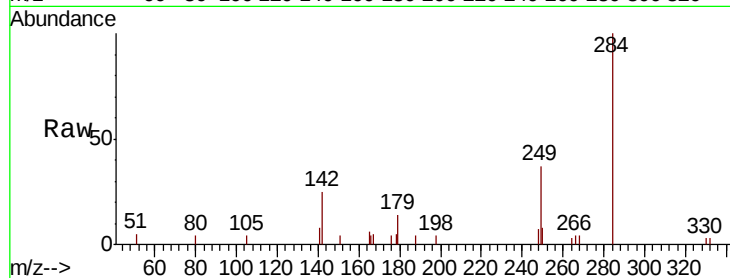
Tot Ion:284 Resp: 2266

Ion Ratio Lower Upper

284 100

142 22.6 17.8 26.6

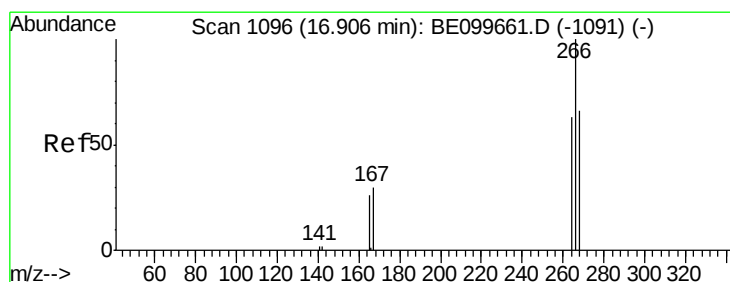
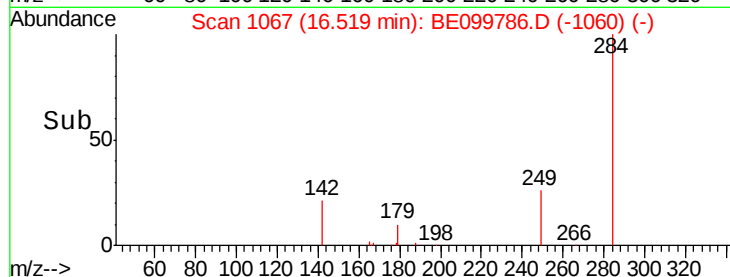
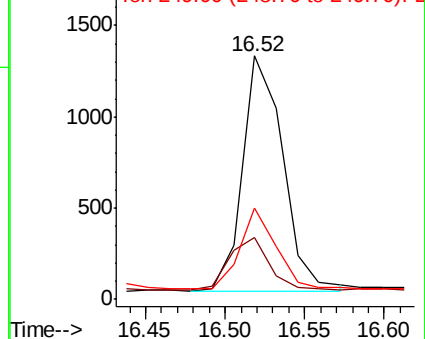
249 30.9 24.8 37.2



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: 0.408 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

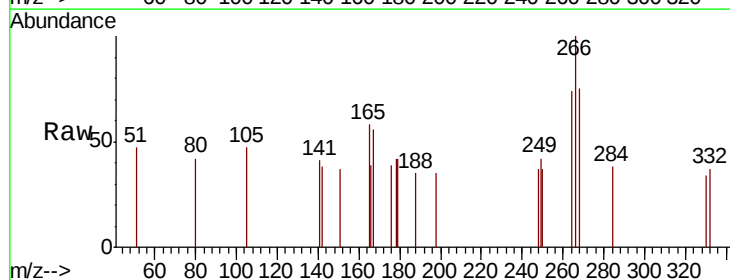
Tgt Ion:266 Resp: 472

Ion Ratio Lower Upper

266 100

264 74.0 57.2 85.8

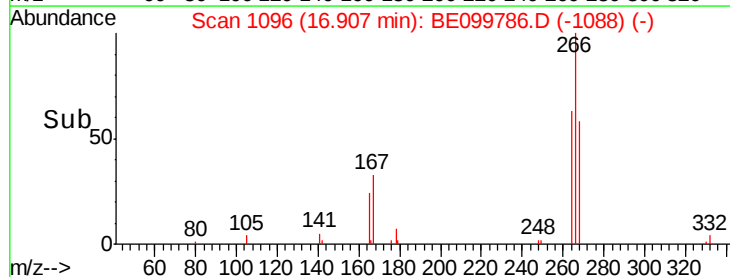
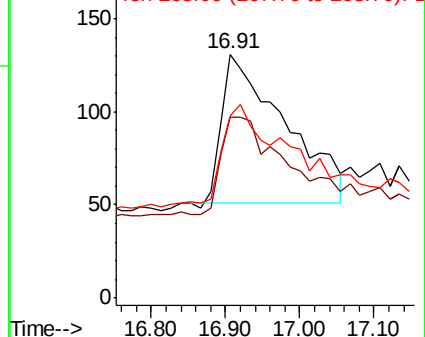
268 74.8 60.5 90.7

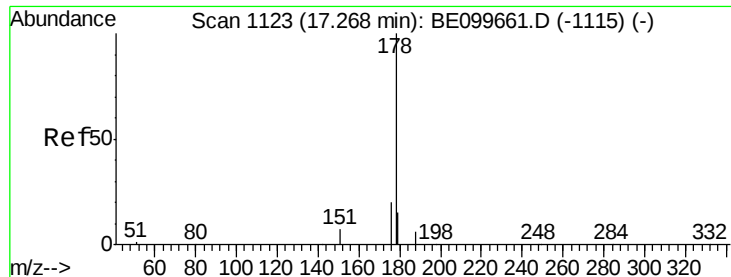


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.318 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

Instrument :

BNA_E

ClientSampleId :

PB120277BSD

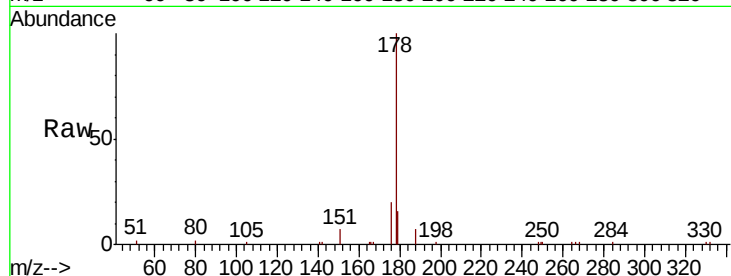
Tot Ion:178 Resp: 8863

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

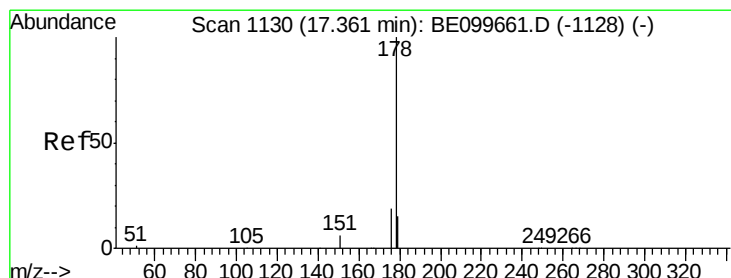
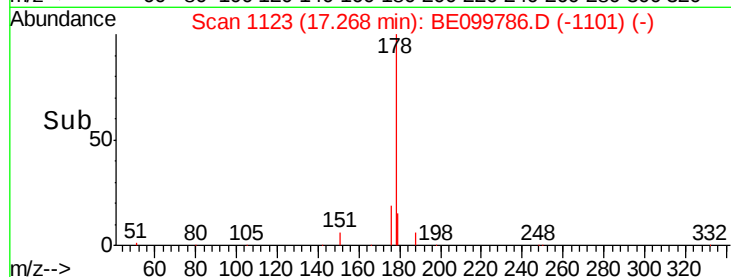
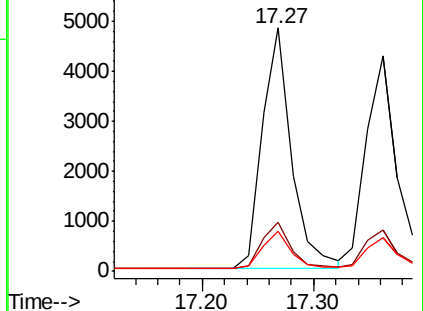
179 15.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.312 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

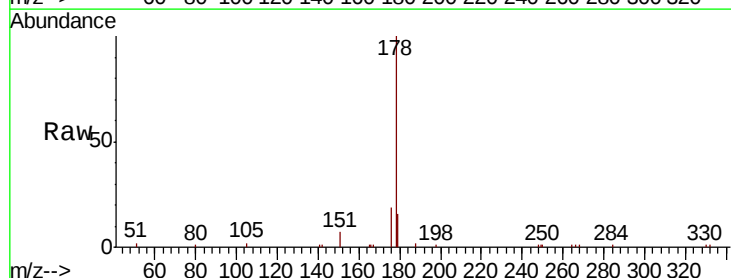
Tgt Ion:178 Resp: 7895

Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

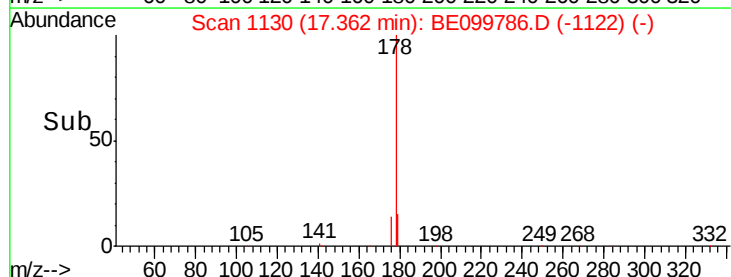
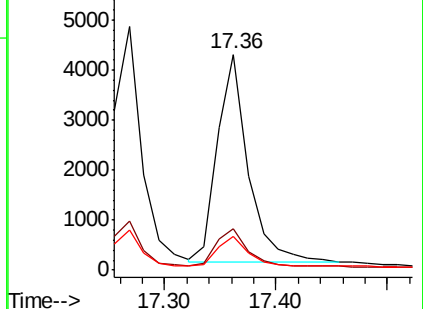
179 14.7 12.0 18.0

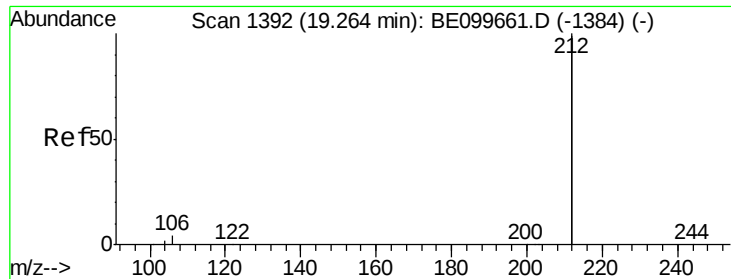


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.333 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

Instrument :

BNA_E

ClientSampleId :

PB120277BSD

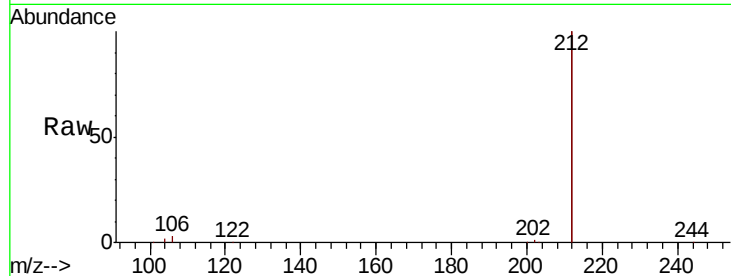
Tot Ion:212 Resp: 51912

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

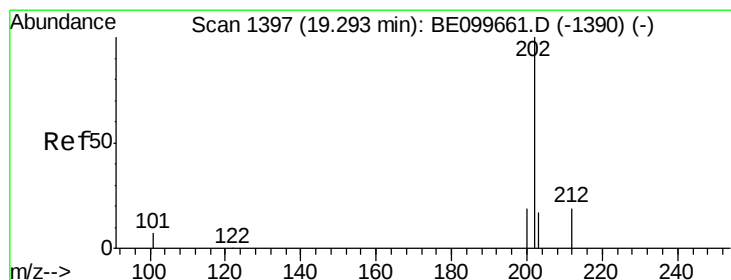
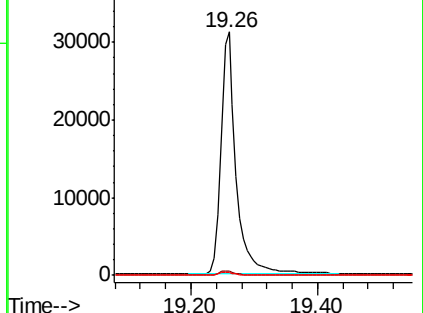
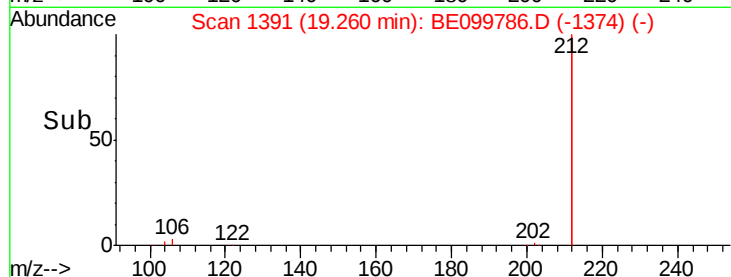
104 1.0 0.8 1.2



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: 0.327 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

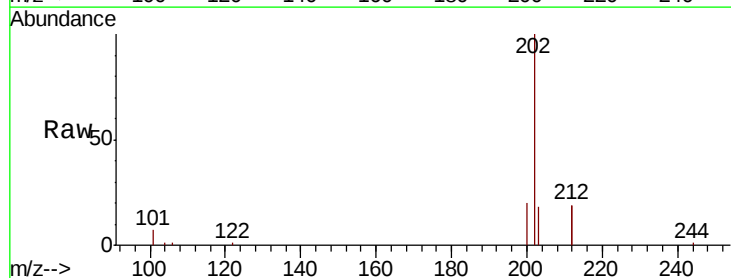
Tgt Ion:202 Resp: 14421

Ion Ratio Lower Upper

202 100

101 6.6 5.2 7.8

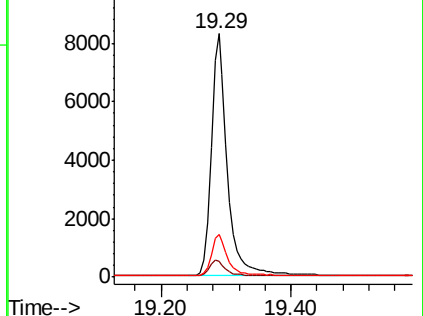
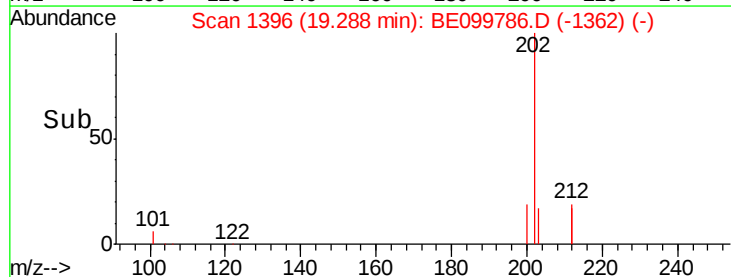
203 16.8 13.8 20.6

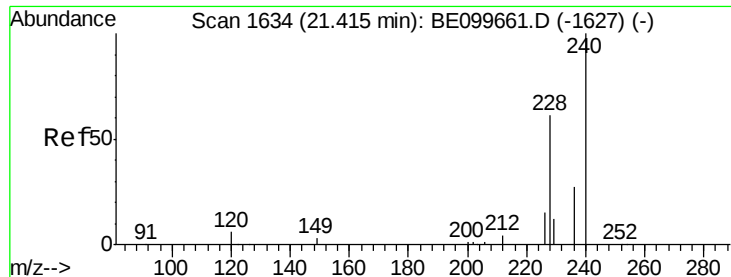


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

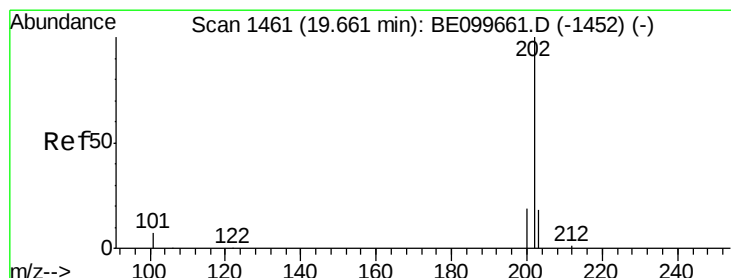
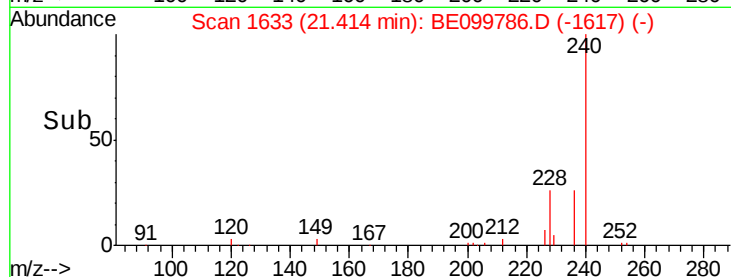
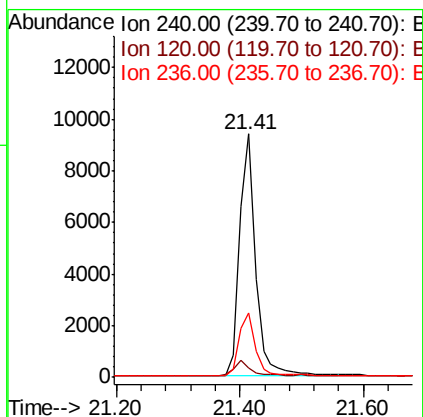
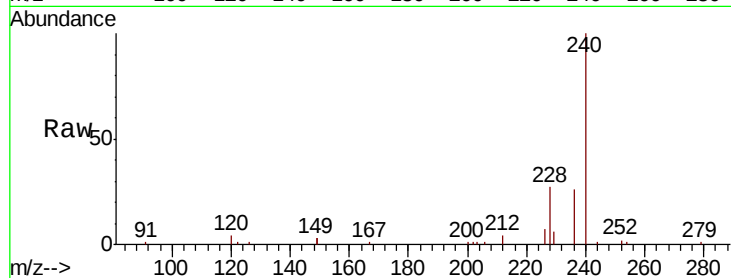




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BE099786.D
 Acq: 3 Jun 2019 15:00

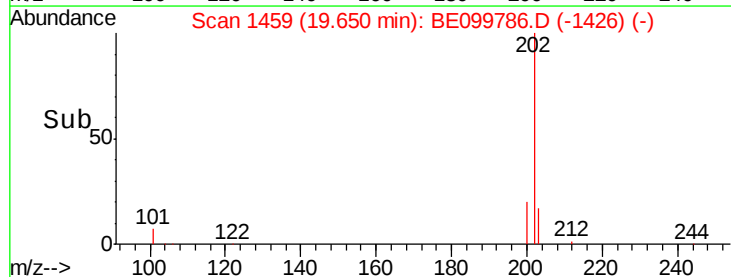
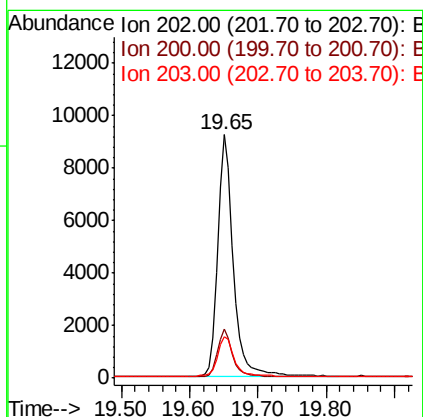
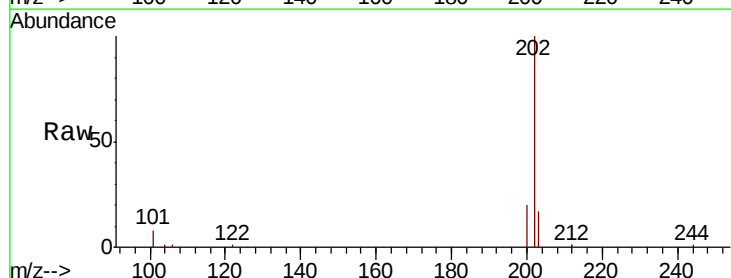
Instrument :
 BNA_E
 ClientSampleId :
 PB120277BSD

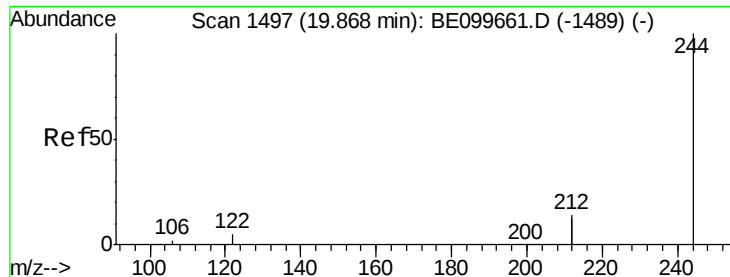
Tot Ion:240 Resp: 16732
 Ion Ratio Lower Upper
 240 100
 120 4.0 5.4 8.0#
 236 26.4 21.7 32.5



#28
 Pyrene
 Concen: 0.353 ng
 RT: 19.65 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BE099786.D
 Acq: 3 Jun 2019 15:00

Tgt Ion:202 Resp: 14856
 Ion Ratio Lower Upper
 202 100
 200 19.2 15.4 23.2
 203 17.8 13.8 20.8





#29

Terphenyl-d14

Concen: 0.373 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

Instrument :

BNA_E

ClientSampleId :

PB120277BSD

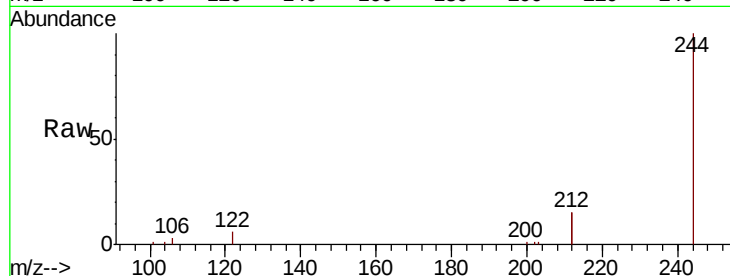
Tot Ion:244 Resp: 11125

Ion Ratio Lower Upper

244 100

212 29.9 22.5 33.7

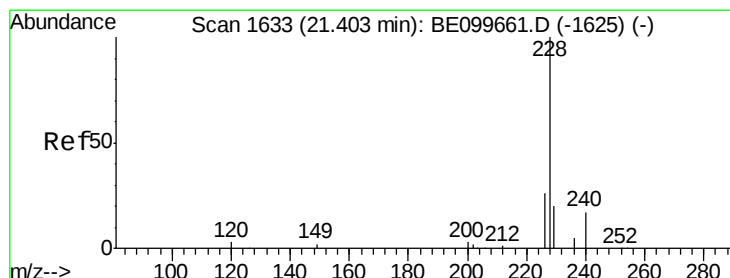
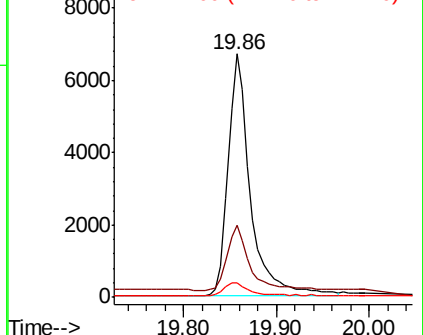
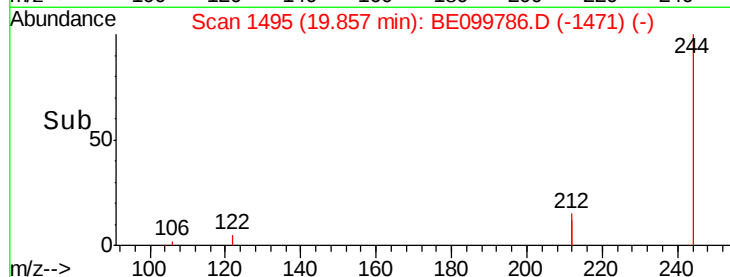
122 6.0 4.3 6.5



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: 0.387 ng

RT: 21.39 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

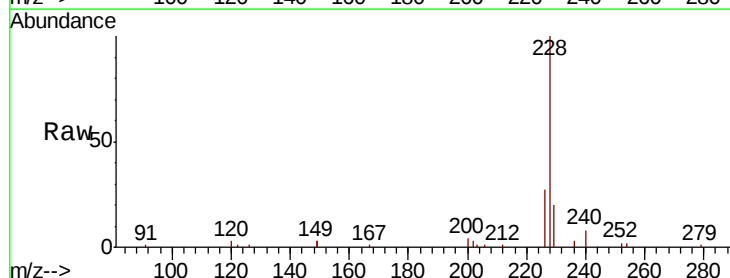
Tgt Ion:228 Resp: 18399

Ion Ratio Lower Upper

228 100

226 26.8 21.3 31.9

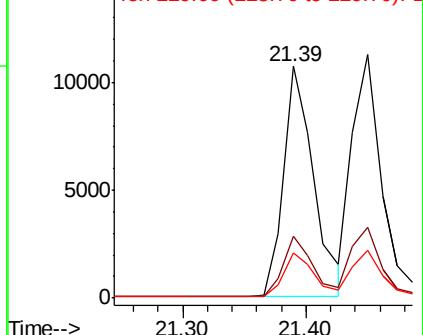
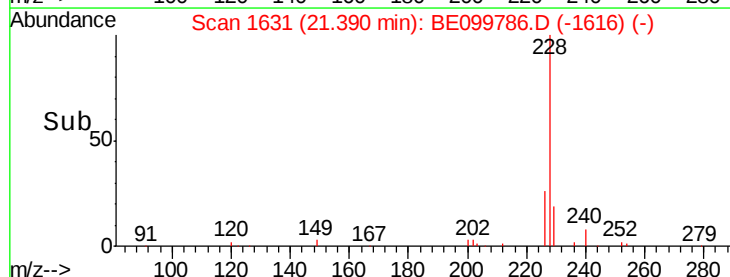
229 19.7 16.1 24.1

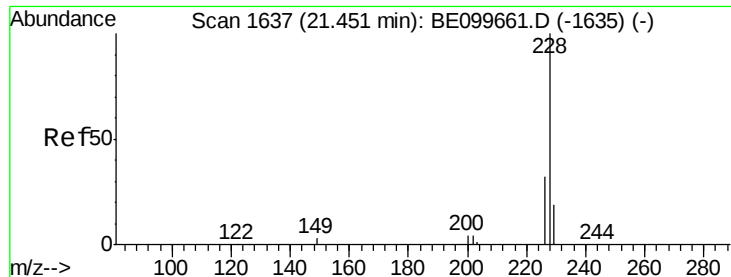


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.361 ng

RT: 21.45 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

Instrument :

BNA_E

ClientSampleId :

PB120277BSD

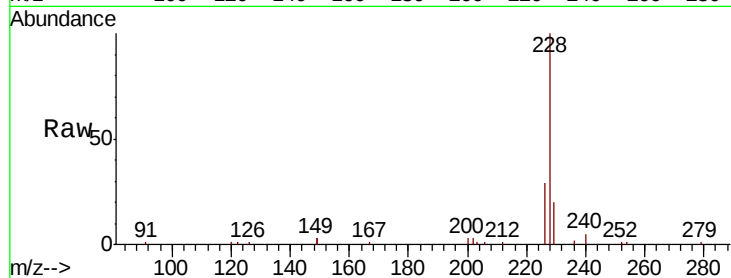
Tot Ion:228 Resp: 18342

Ion Ratio Lower Upper

228 100

226 29.2 24.7 37.1

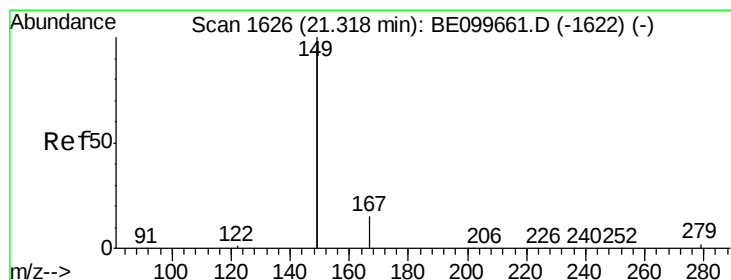
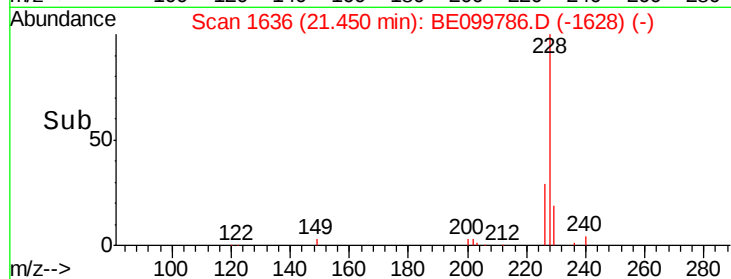
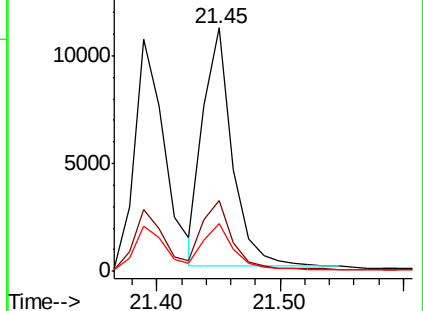
229 19.7 15.8 23.6



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: 0.331 ng

RT: 21.30 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

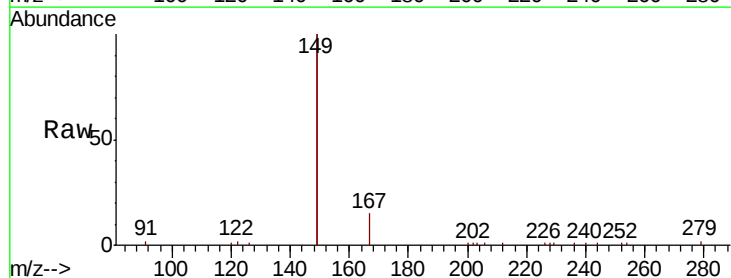
Tgt Ion:149 Resp: 18119

Ion Ratio Lower Upper

149 100

167 7.6 6.2 9.4

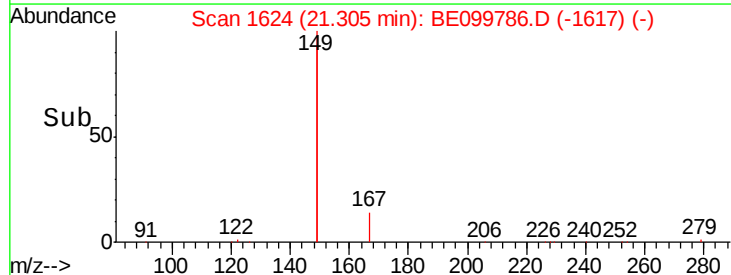
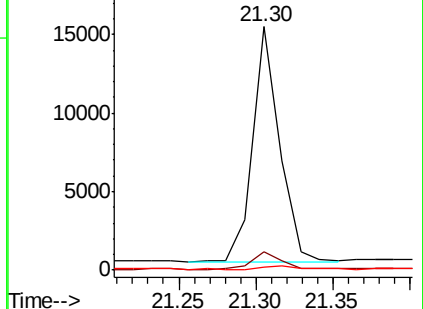
279 1.5 1.2 1.8

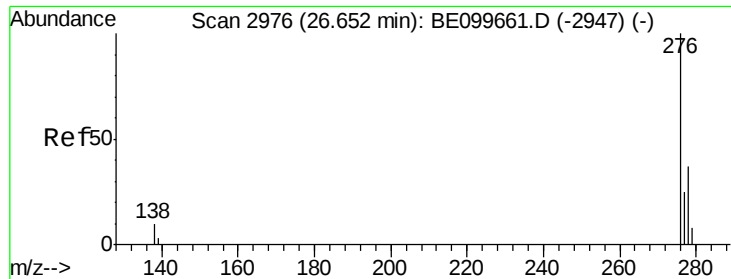


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

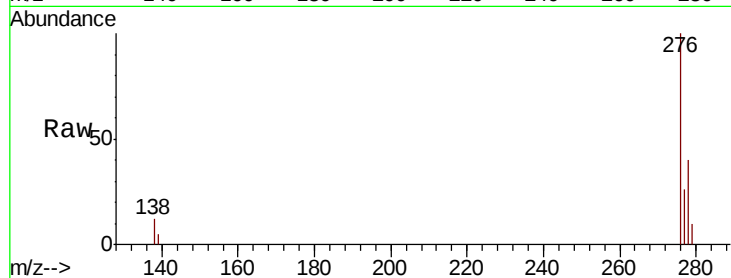




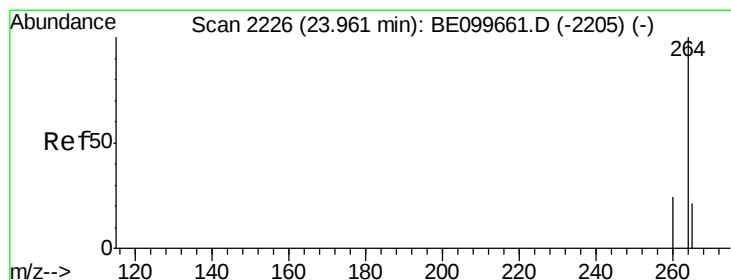
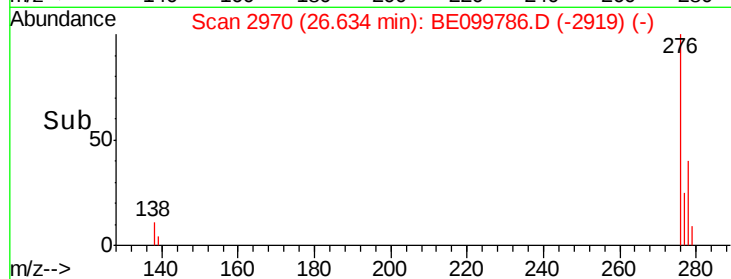
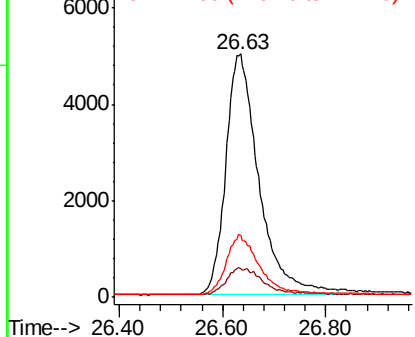
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.364 ng
 RT: 26.63 min Scan# 2970
 Delta R.T. -0.02 min
 Lab File: BE099786.D
 Acq: 3 Jun 2019 15:00

Instrument :
 BNA_E
 ClientSampleId :
 PB120277BSD

Tot Ion:276 Resp: 22320
 Ion Ratio Lower Upper
 276 100
 138 5.3 9.6 14.4#
 277 24.5 19.2 28.8

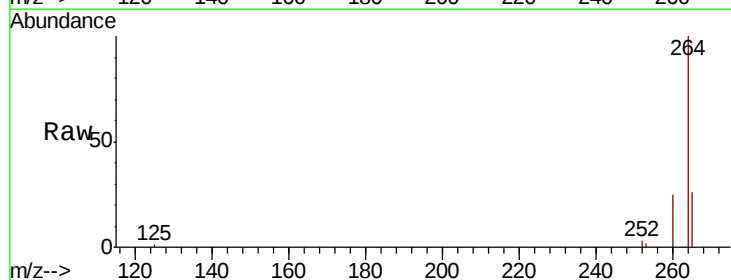


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

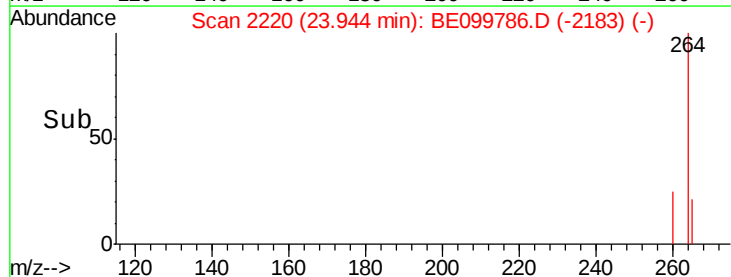
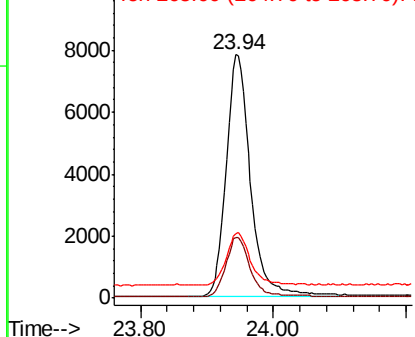


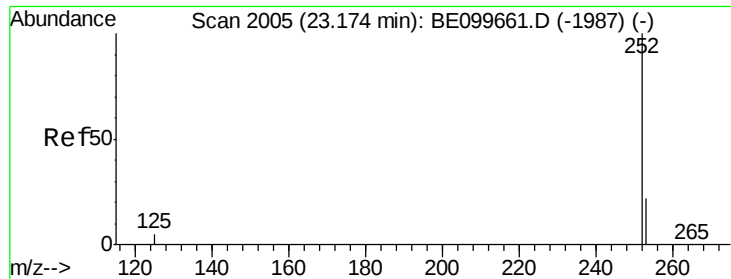
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2220
 Delta R.T. -0.02 min
 Lab File: BE099786.D
 Acq: 3 Jun 2019 15:00

Tgt Ion:264 Resp: 19782
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.6 29.4
 265 26.5 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

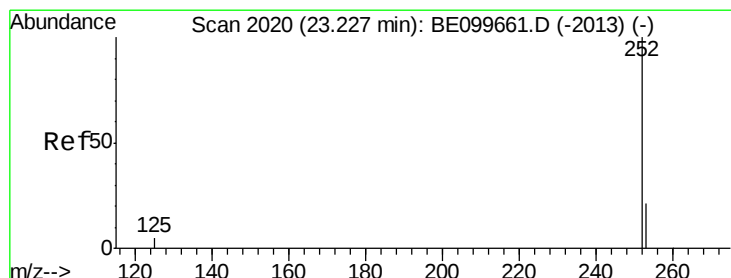
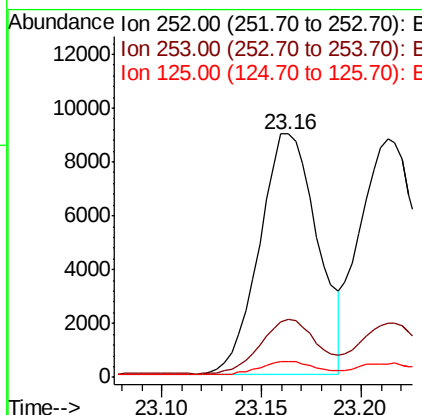
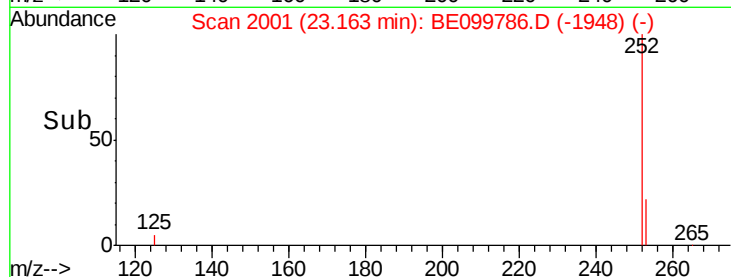
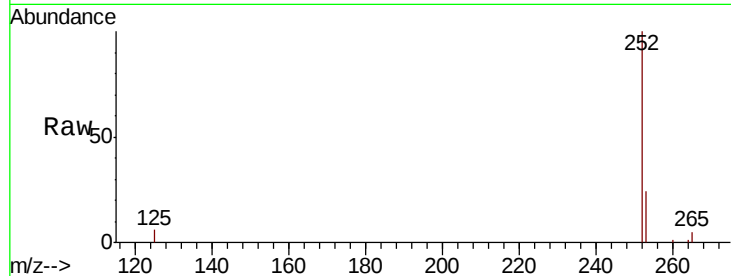




#35
Benzo(b)fluoranthene
Concen: 0.335 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BE099786.D
Acq: 3 Jun 2019 15:00

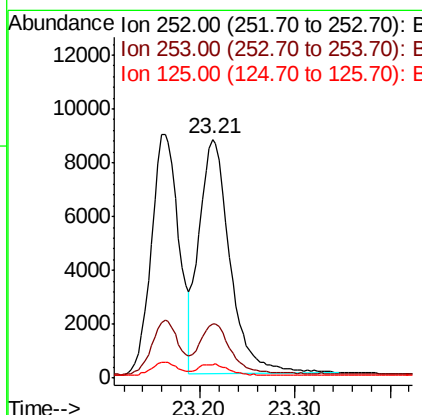
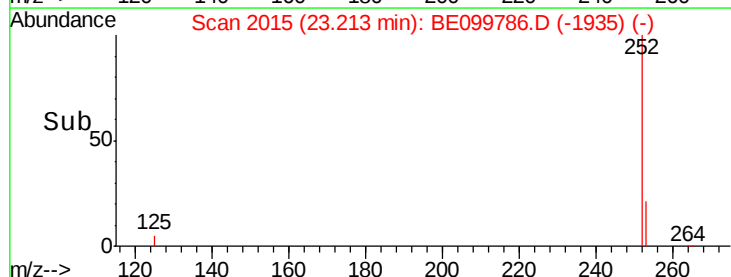
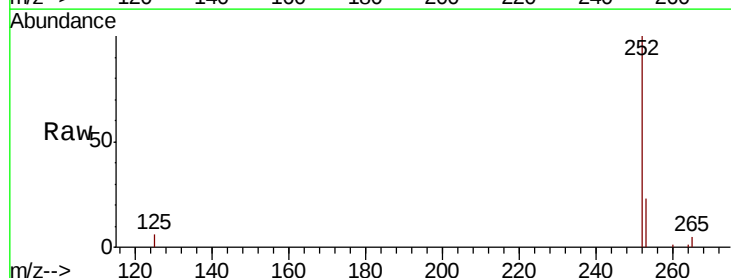
Instrument :
BNA_E
ClientSampleId :
PB120277BSD

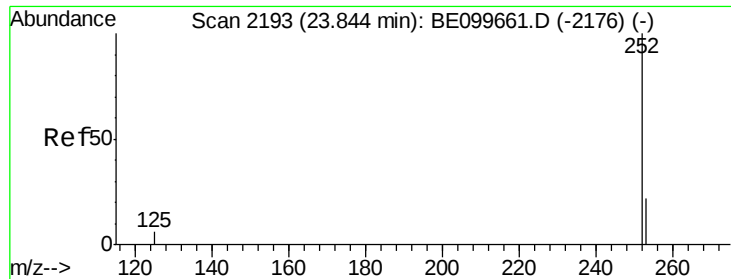
Tot Ion:252 Resp: 18147
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.4
125 6.4 4.5 6.7



#36
Benzo(k)fluoranthene
Concen: 0.351 ng
RT: 23.21 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BE099786.D
Acq: 3 Jun 2019 15:00

Tgt Ion:252 Resp: 19849
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 5.8 4.6 6.8





#37

Benzo(a)pyrene

Concen: 0.346 ng

RT: 23.83 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

Instrument :

BNA_E

ClientSampleId :

PB120277BSD

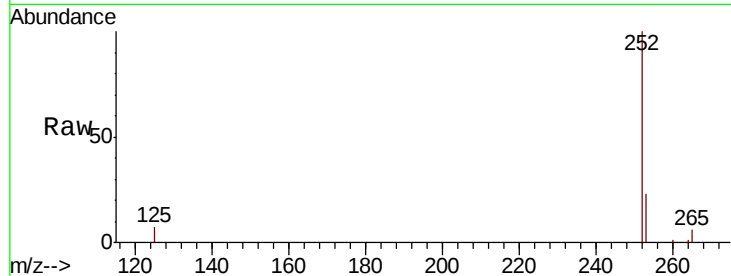
Tot Ion:252 Resp: 18025

Ion Ratio Lower Upper

252 100

253 23.0 18.9 28.3

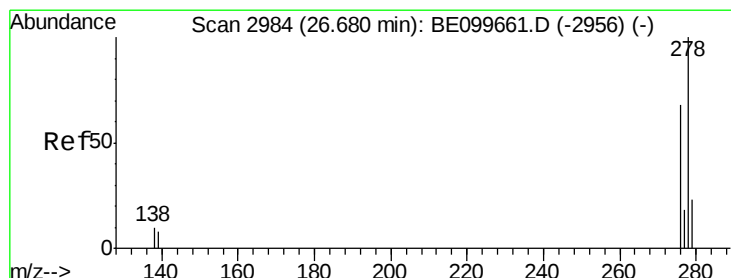
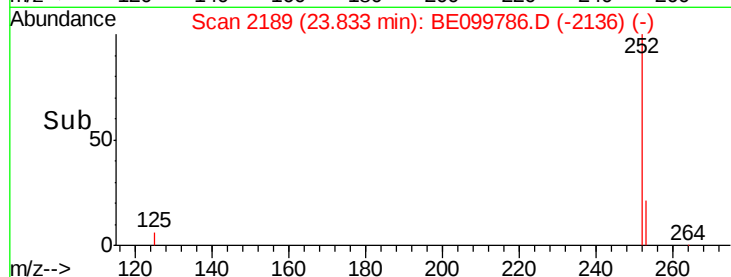
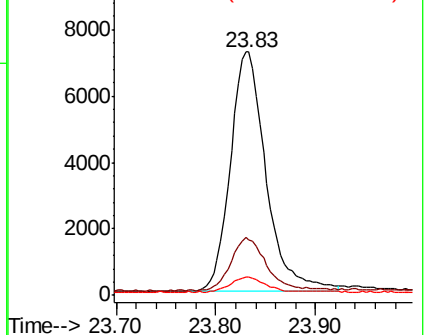
125 7.5 5.4 8.0



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: 0.331 ng

RT: 26.67 min Scan# 2980

Delta R.T. -0.01 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

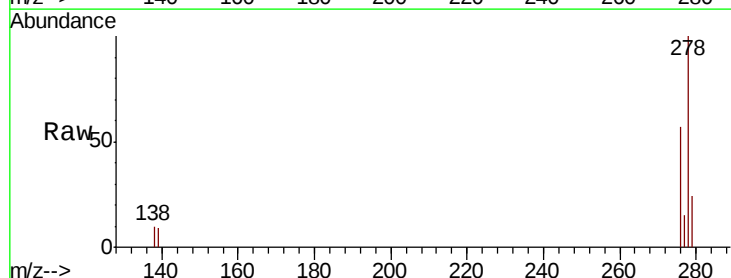
Tgt Ion:278 Resp: 18156

Ion Ratio Lower Upper

278 100

139 8.9 6.9 10.3

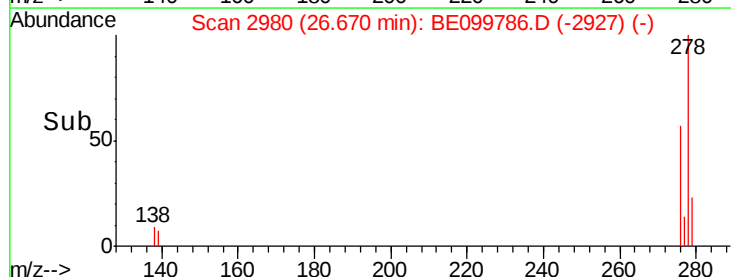
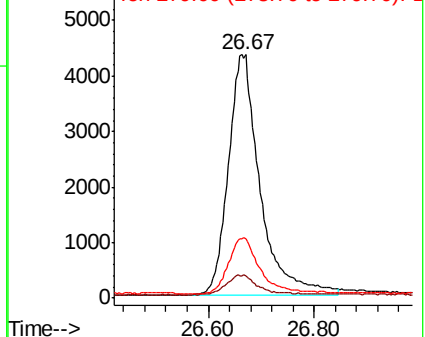
279 24.3 19.2 28.8

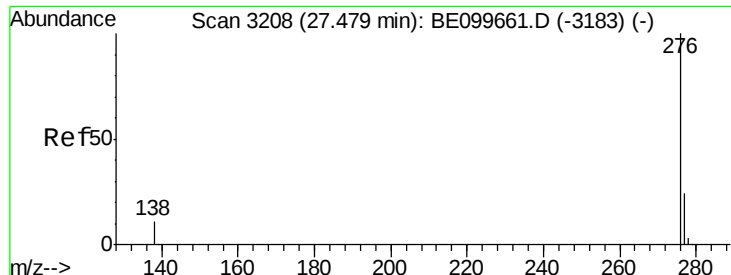


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.350 ng

RT: 27.46 min Scan# 3201

Delta R.T. -0.02 min

Lab File: BE099786.D

Acq: 3 Jun 2019 15:00

Instrument :

BNA_E

ClientSampleId :

PB120277BSD

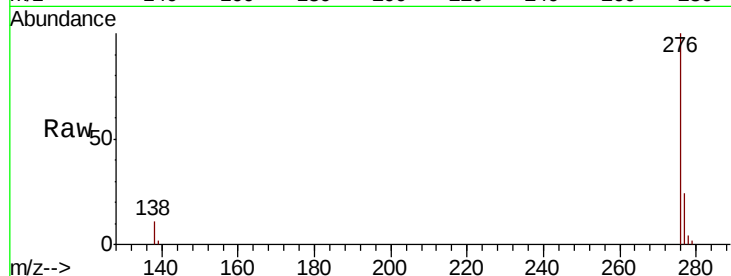
Tot Ion: 276 Resp: 19378

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.6

138 10.8 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

