

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099947.D
 Acq On : 12 Jun 2019 9:35
 Operator : JU/SJ
 Sample : PB120422BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120422BS

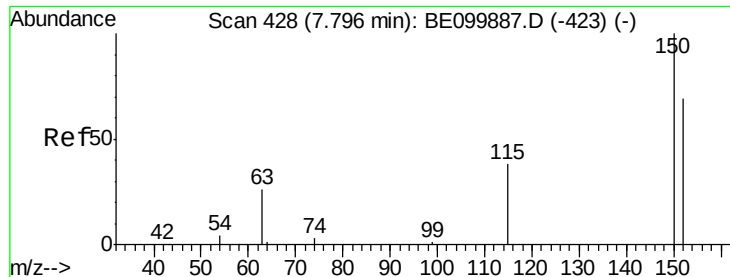
Quant Time: Jun 13 04:07:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	1036	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3863	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2654	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	8221	0.40	ng	0.00
27) Chrysene-d12	21.40	240	11458	0.40	ng	0.00
34) Perylene-d12	23.93	264	12885	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	960	0.34	ng	0.02
5) Phenol-d6	6.97	99	1189	0.33	ng	0.00
8) Nitrobenzene-d5	8.96	82	1148	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	3132	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	394	0.20	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	3474	0.35	ng	0.00
25) Fluoranthene-d10	19.25	212	38015	0.32	ng	0.00
29) Terphenyl-d14	19.85	244	7924	0.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	509	0.332	ng	# 89
3) n-Nitrosodimethylamine	3.61	42	205	0.232	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	981	0.333	ng	98
9) Naphthalene	10.65	128	14649	0.351	ng	99
10) Hexachlorobutadiene	10.93	225	1151	0.362	ng	99
12) 2-Methylnaphthalene	12.28	142	2336	0.345	ng	97
16) Acenaphthylene	14.20	152	4482	0.339	ng	99
17) Acenaphthene	14.53	154	2418	0.336	ng	98
18) Fluorene	15.52	166	3689	0.342	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1614	0.347	ng	93
21) Hexachlorobenzene	16.52	284	1680	0.353	ng	99
22) Pentachlorophenol	16.93	266	112	0.349	ng	93
23) Phenanthrene	17.26	178	6723	0.337	ng	99
24) Anthracene	17.36	178	5565	0.304	ng	99
26) Fluoranthene	19.28	202	11225	0.331	ng	100
28) Pyrene	19.64	202	11908	0.396	ng	99
30) Benzo(a)anthracene	21.38	228	13327	0.389	ng	99
31) Chrysene	21.44	228	13932	0.394	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	16503	0.336	ng	100
33) Indeno(1,2,3-cd)pyrene	26.62	276	15663	0.373	ng	99
35) Benzo(b)fluoranthene	23.20	252	14618	0.405	ng	99
36) Benzo(k)fluoranthene	23.20	252	14853	0.393	ng	100
37) Benzo(a)pyrene	23.82	252	13750	0.387	ng	# 93
38) Dibenzo(a,h)anthracene	26.65	278	12275	0.343	ng	# 97
39) Benzo(g,h,i)perylene	27.44	276	13801	0.373	ng	98

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

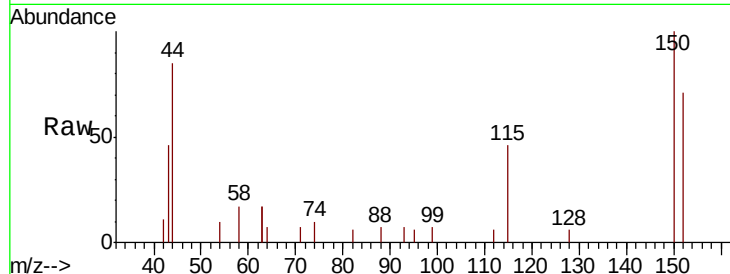


#1

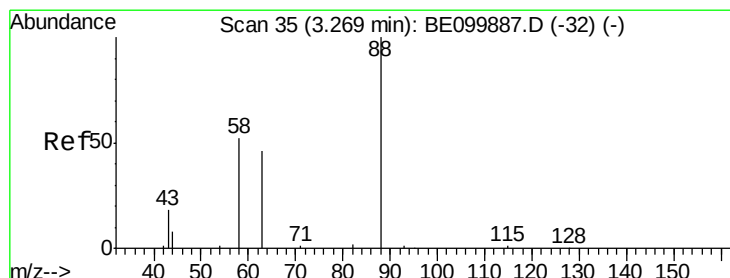
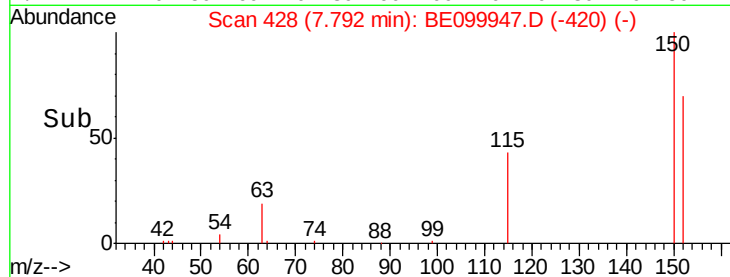
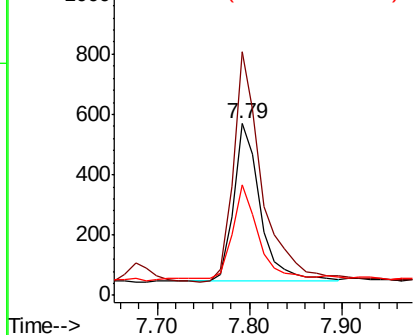
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099947.D
Acq: 12 Jun 2019 9:35

Instrument :
BNA_E
ClientSampleId :
PB120422BS

Tgt Ion: 152 Resp: 1036
Ion Ratio Lower Upper
152 100
150 141.8 111.0 166.6
115 64.7 50.7 76.1



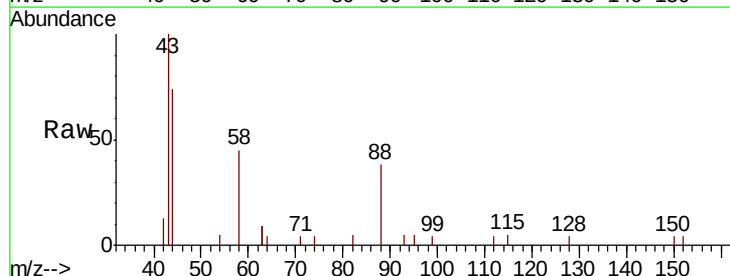
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



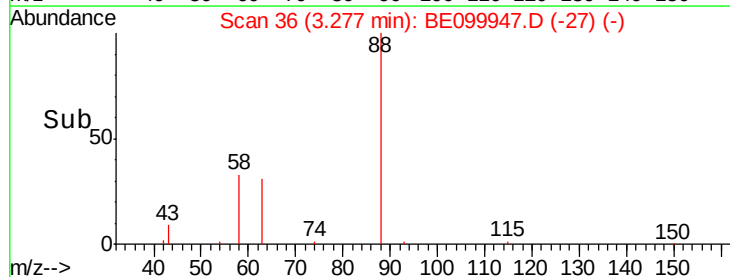
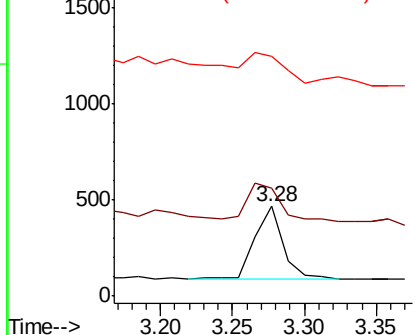
#2

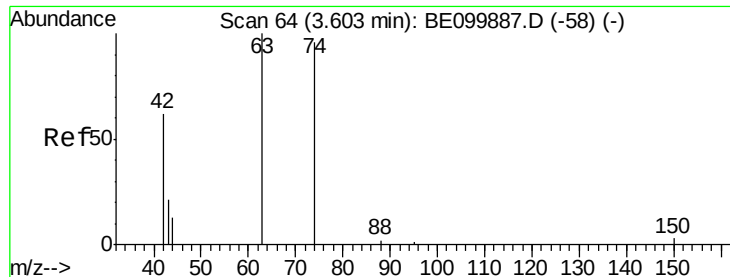
1,4-Dioxane
Concen: 0.332 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE099947.D
Acq: 12 Jun 2019 9:35

Tgt Ion: 88 Resp: 509
Ion Ratio Lower Upper
88 100
58 64.8 48.8 73.2
43 37.5 19.0 28.6#



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: 0.232 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

Instrument :

BNA_E

ClientSampleId :

PB120422BS

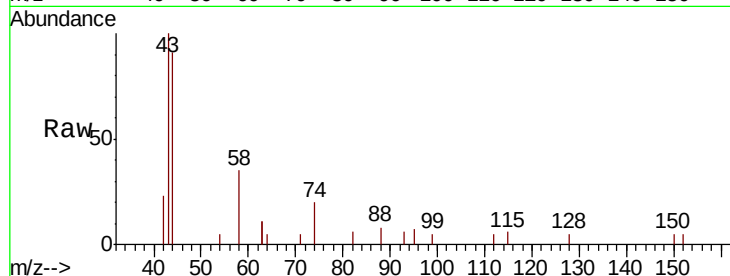
Tgt Ion: 42 Resp: 205

Ion Ratio Lower Upper

42 100

74 196.6 0.0 0.0#

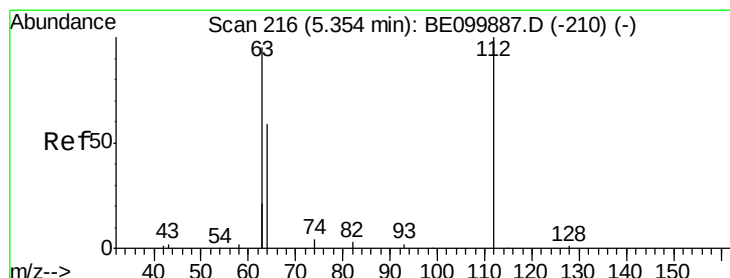
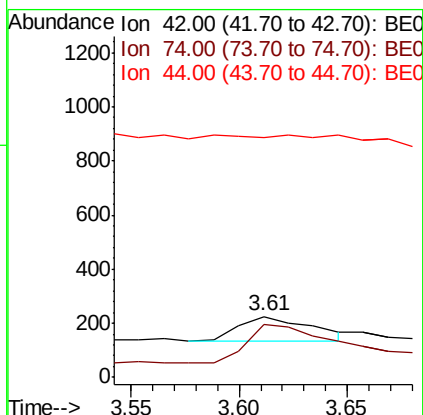
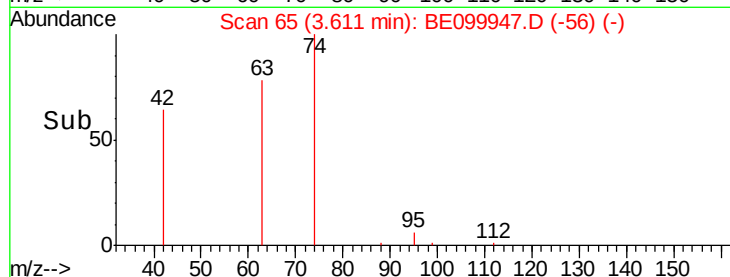
44 0.0 0.0 0.0



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. 0.02 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

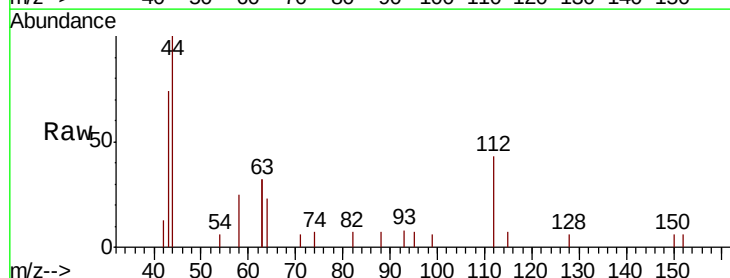
Tgt Ion: 112 Resp: 960

Ion Ratio Lower Upper

112 100

64 51.4 44.1 66.1

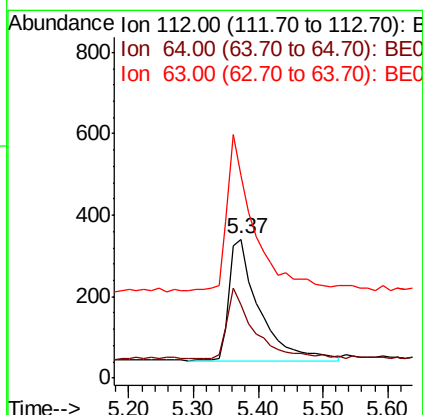
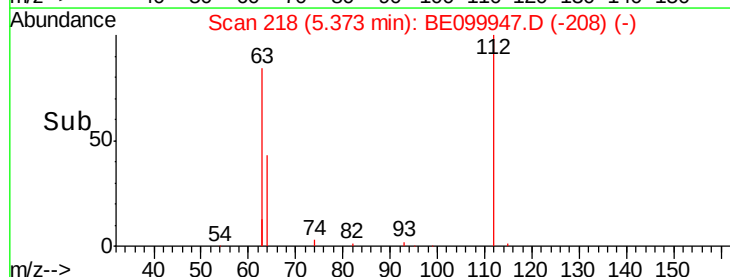
63 112.8 87.8 131.6

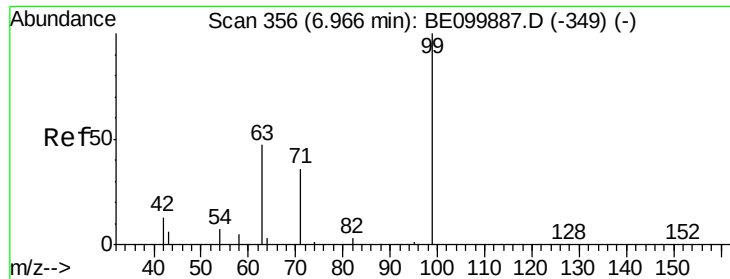


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.330 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

Instrument :

BNA_E

ClientSampleId :

PB120422BS

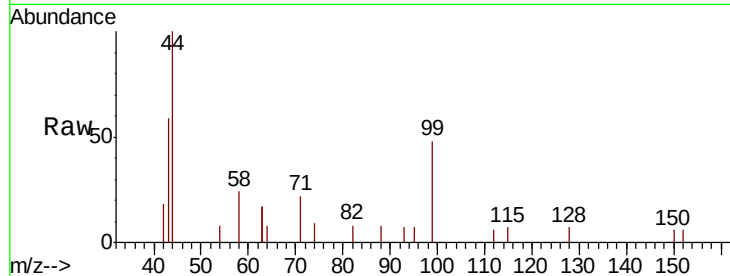
Tgt Ion: 99 Resp: 1189

Ion Ratio Lower Upper

99 100

42 13.3 15.9 23.9#

71 37.2 34.6 52.0



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

6.97

400

300

200

100

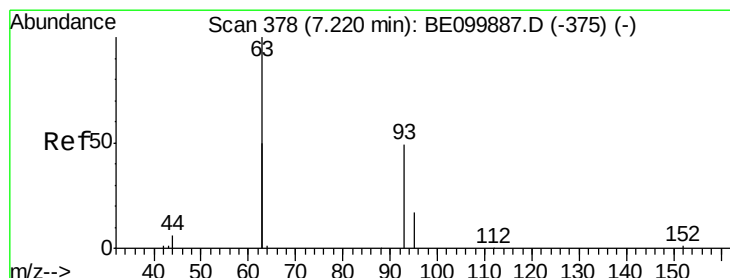
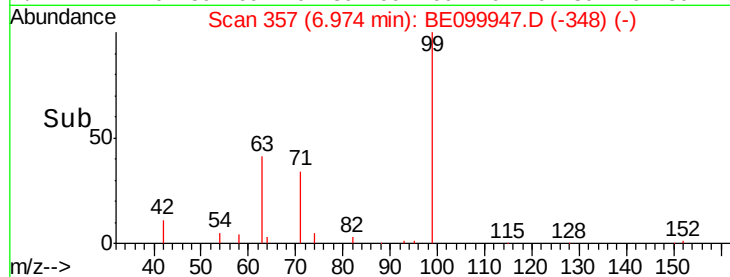
0

6.80

7.00

7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.333 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

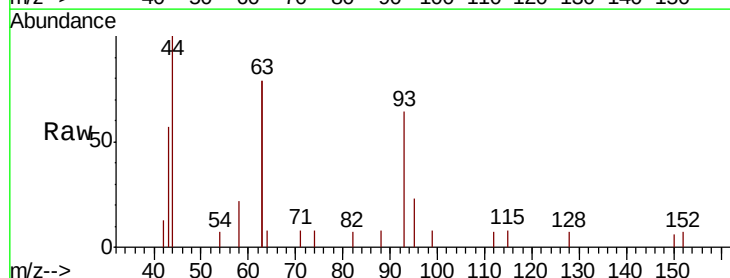
Tgt Ion: 93 Resp: 981

Ion Ratio Lower Upper

93 100

63 255.2 202.8 304.2

95 34.0 23.7 35.5



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

1500

1000

500

0

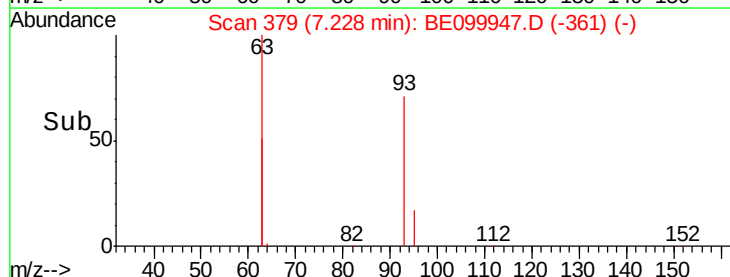
7.20

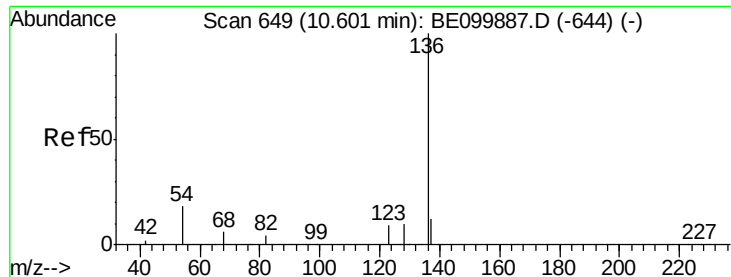
7.23

7.30

7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

Instrument :

BNA_E

ClientSampleId :

PB120422BS

Tgt Ion: 136 Resp: 3863

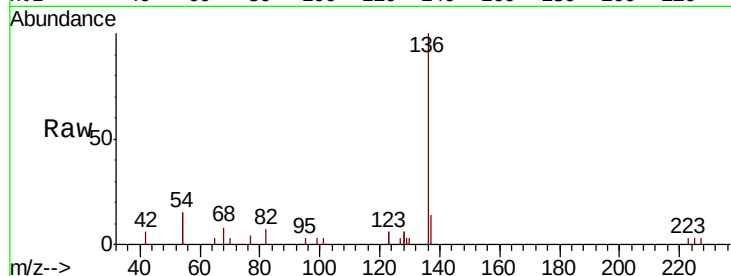
Ion Ratio Lower Upper

136 100

137 14.0 12.3 18.5

54 30.2 28.2 42.4

68 8.2 7.8 11.8

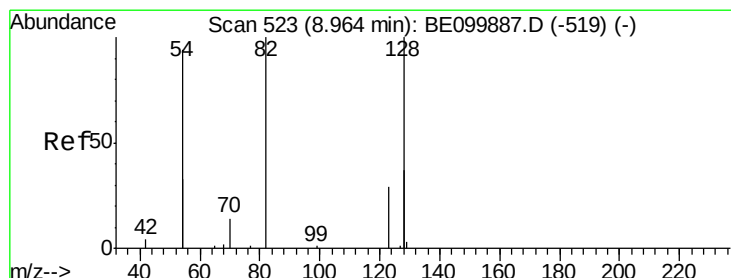
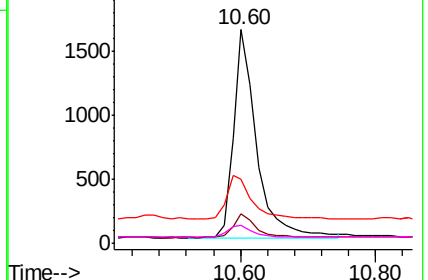
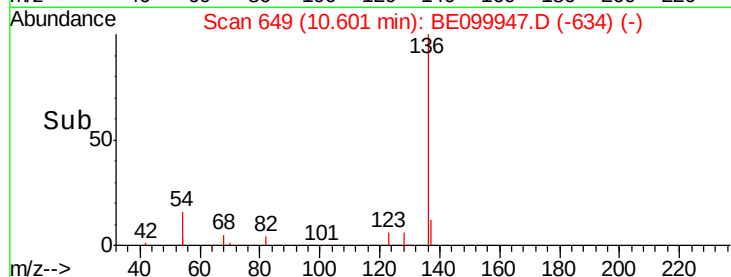


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.314 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

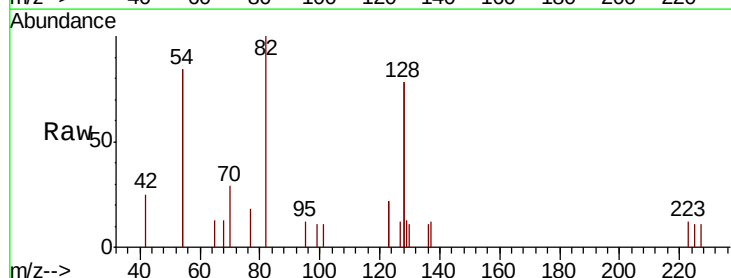
Tgt Ion: 82 Resp: 1148

Ion Ratio Lower Upper

82 100

128 155.7 137.3 205.9

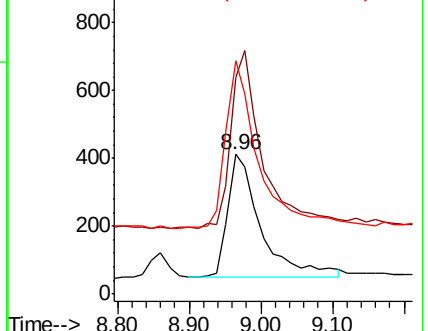
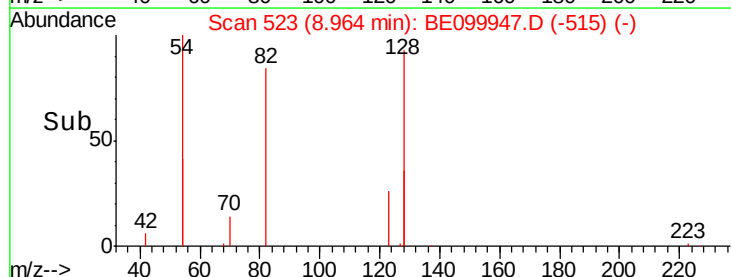
54 167.4 129.7 194.5

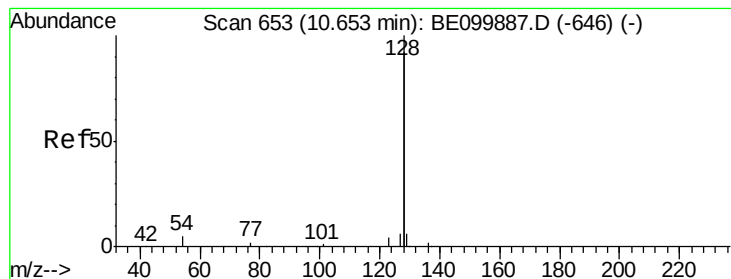


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.351 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

Instrument :

BNA_E

ClientSampleId :

PB120422BS

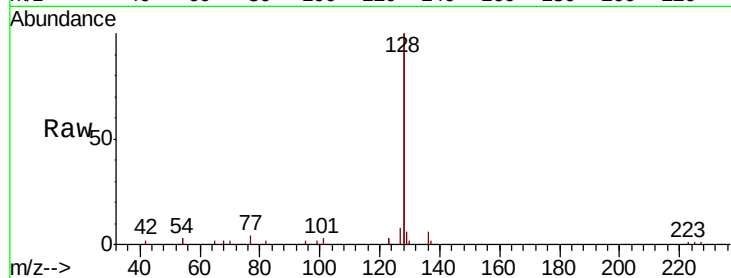
Tgt Ion:128 Resp: 14649

Ion Ratio Lower Upper

128 100

129 3.2 3.0 4.6

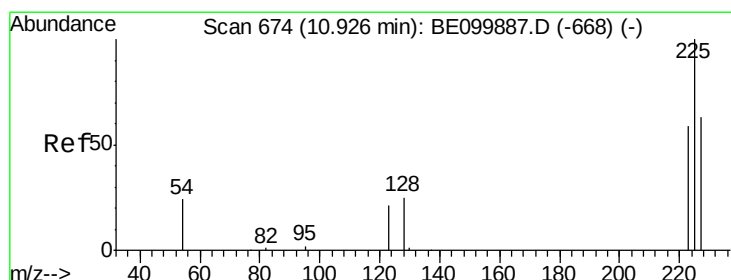
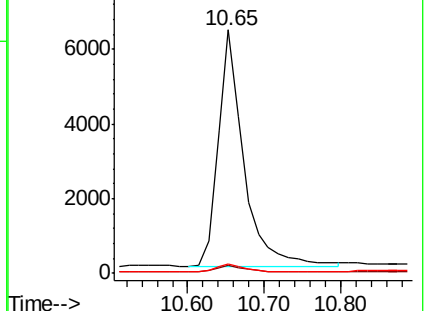
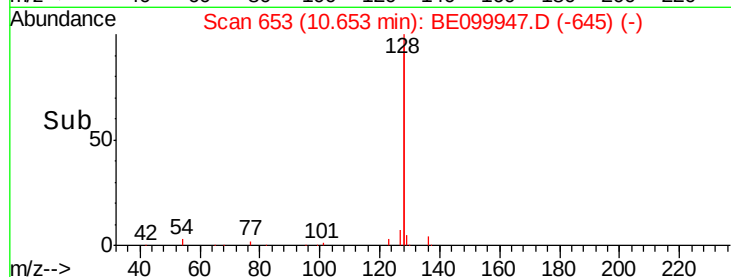
127 4.0 3.4 5.0



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: 0.362 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.00 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

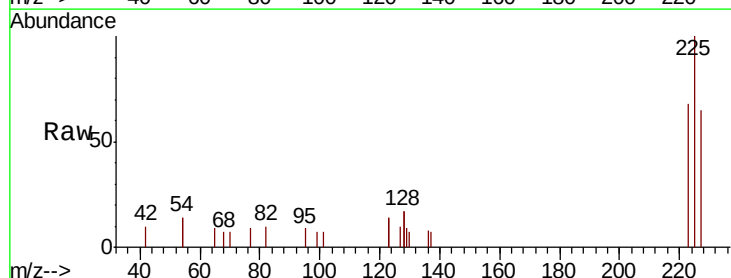
Tgt Ion:225 Resp: 1151

Ion Ratio Lower Upper

225 100

223 65.2 51.6 77.4

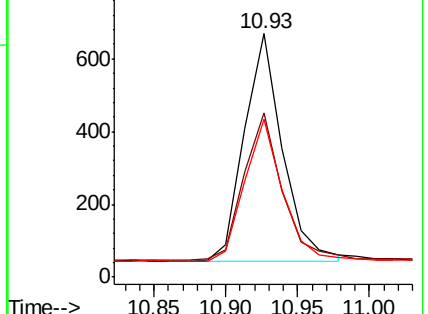
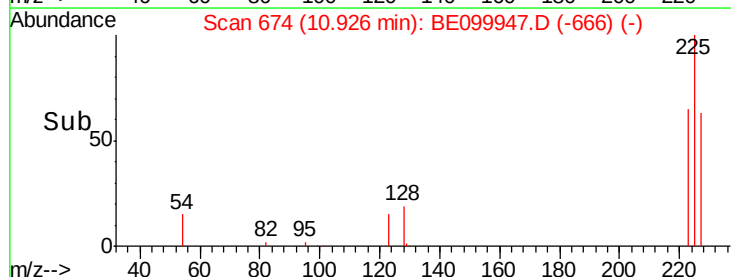
227 62.2 50.6 76.0

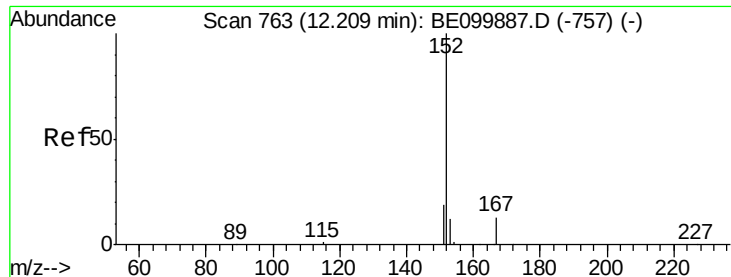


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

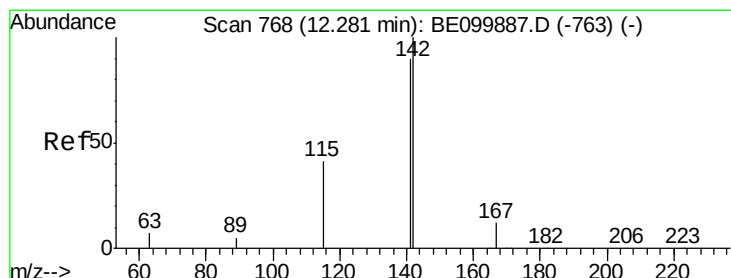
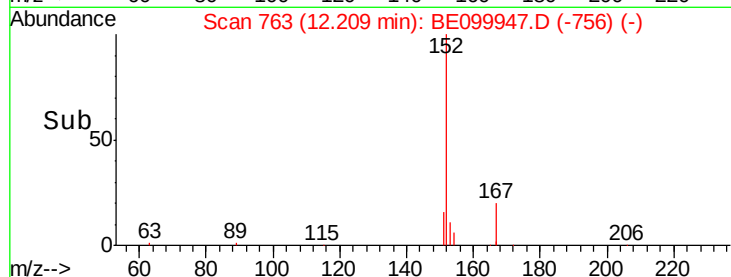
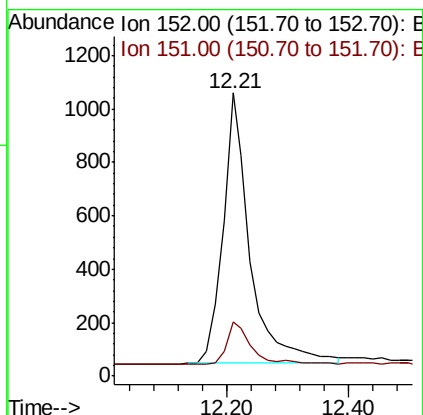
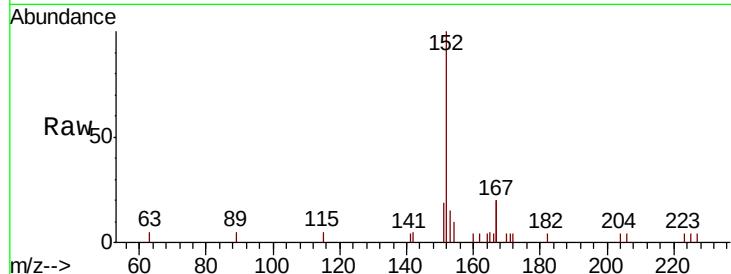




#11
 2-Methylnaphthalene-d10
 Concen: 0.465 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE099947.D
 Acq: 12 Jun 2019 9:35

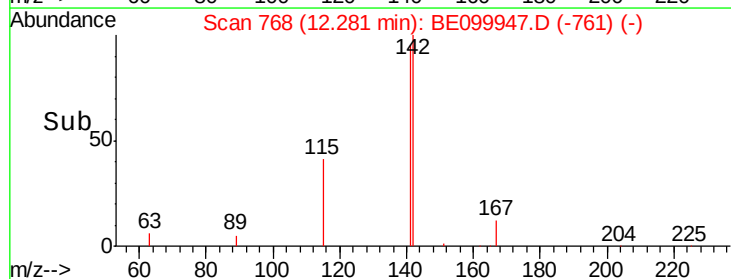
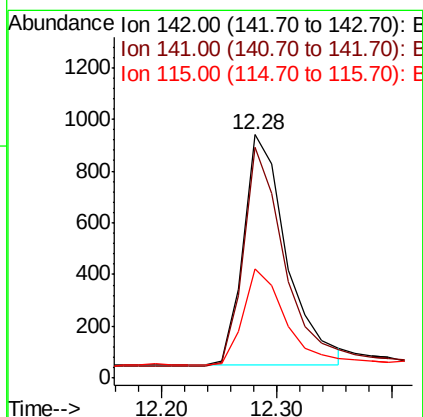
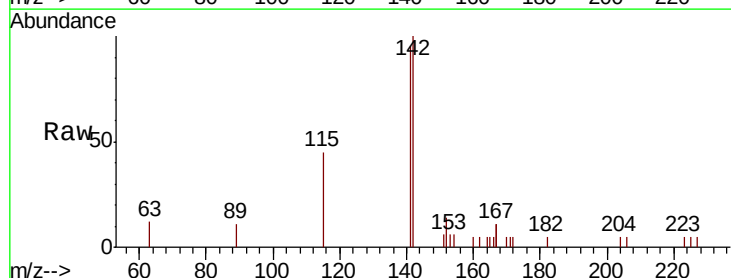
Instrument :
 BNA_E
 ClientSampleId :
 PB120422BS

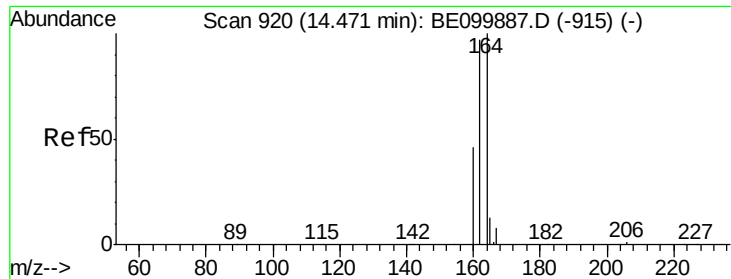
Tgt Ion:152 Resp: 3132
 Ion Ratio Lower Upper
 152 100
 151 14.1 15.2 22.8#



#12
 2-Methylnaphthalene
 Concen: 0.345 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE099947.D
 Acq: 12 Jun 2019 9:35

Tgt Ion:142 Resp: 2336
 Ion Ratio Lower Upper
 142 100
 141 94.6 72.3 108.5
 115 44.8 36.4 54.6

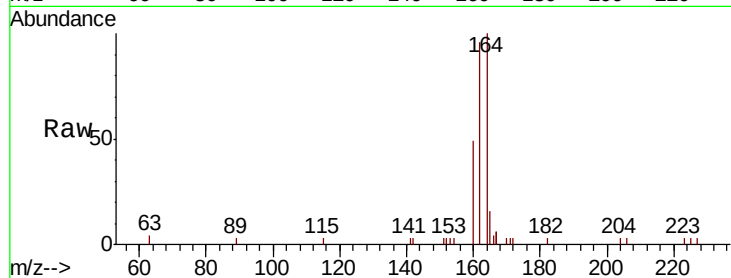




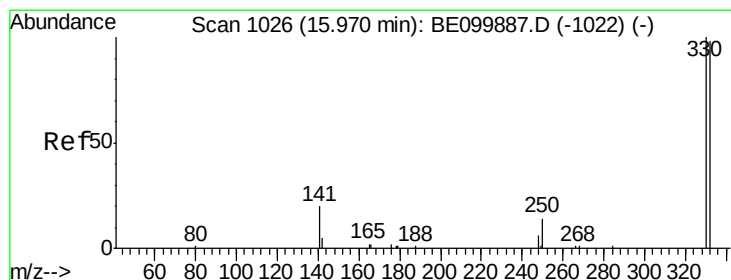
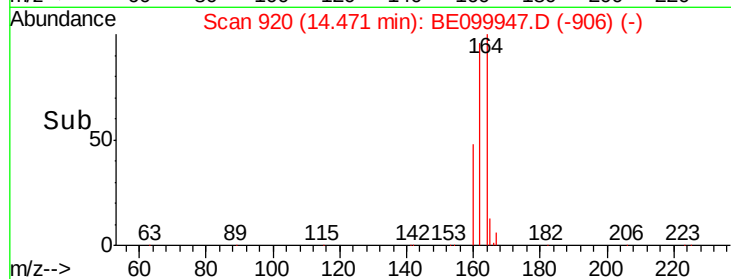
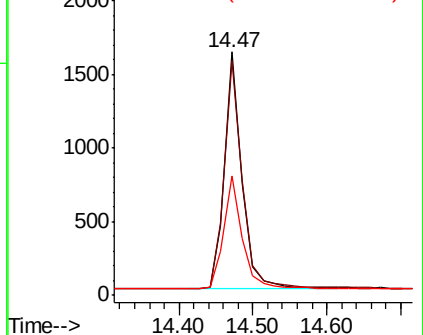
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE099947.D
 Acq: 12 Jun 2019 9:35

Instrument :
 BNA_E
 ClientSampleId :
 PB120422BS

Tgt Ion:164 Resp: 2654
 Ion Ratio Lower Upper
 164 100
 162 96.1 77.8 116.8
 160 49.0 38.2 57.4

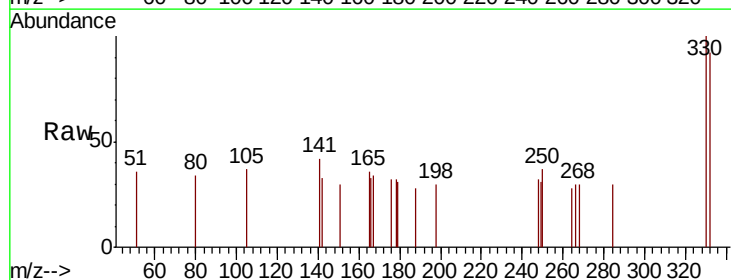


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

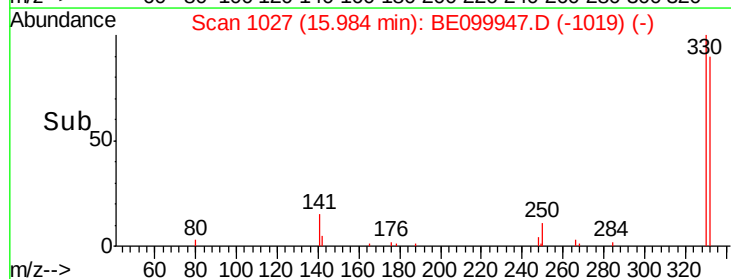
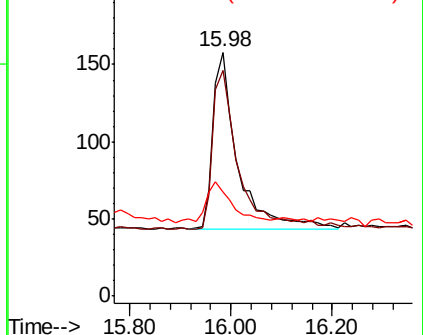


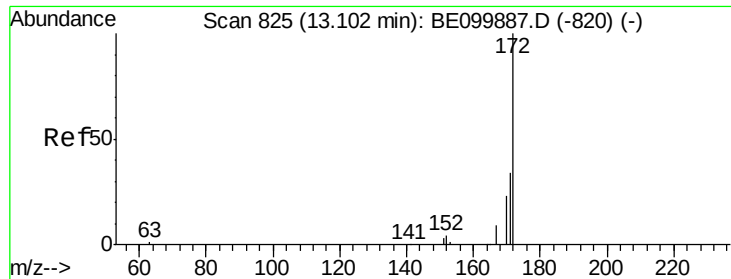
#14
 2,4,6-Tribromophenol
 Concen: 0.201 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE099947.D
 Acq: 12 Jun 2019 9:35

Tgt Ion:330 Resp: 394
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.7 115.1
 141 19.3 21.0 31.6#



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

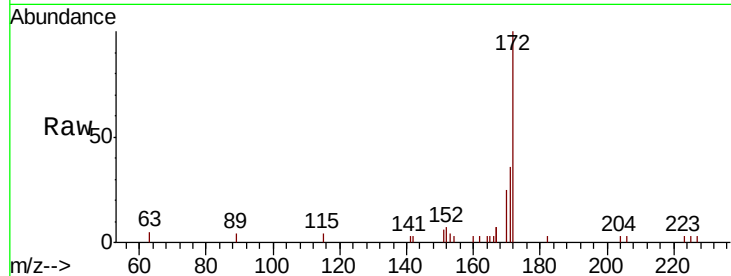




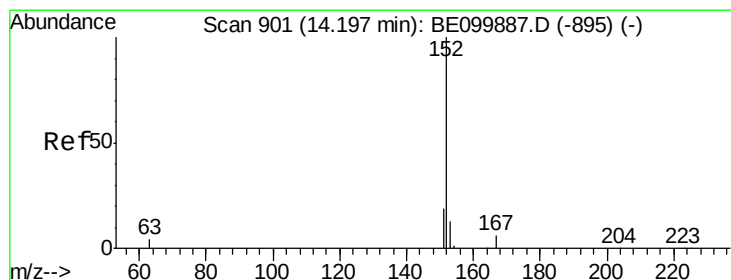
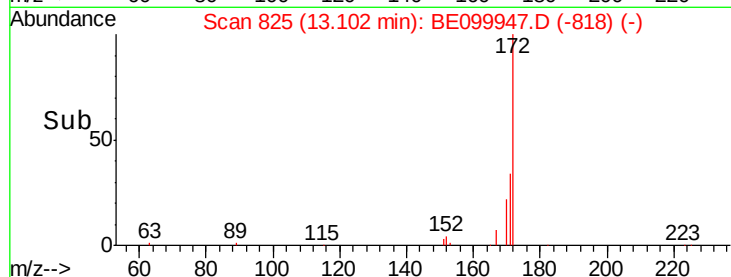
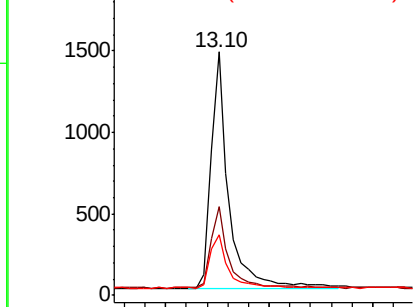
#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099947.D
Acq: 12 Jun 2019 9:35

Instrument :
BNA_E
ClientSampleId :
PB120422BS

Tgt Ion:172 Resp: 3474
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 24.7 21.2 31.8

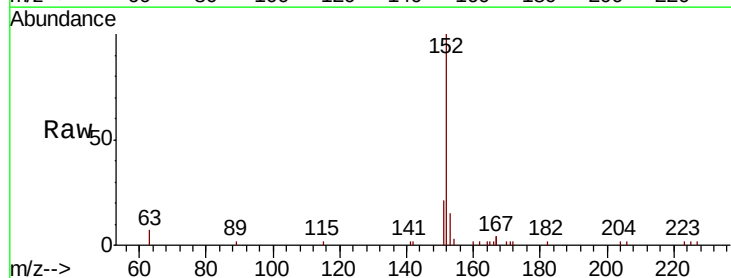


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

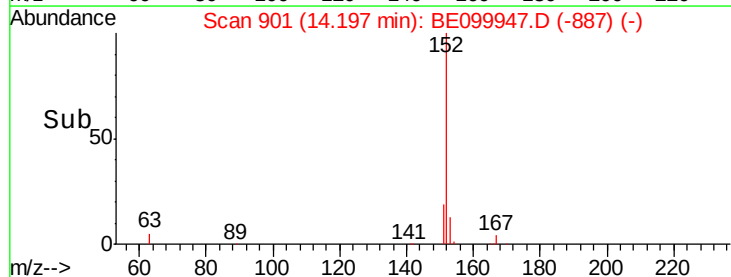
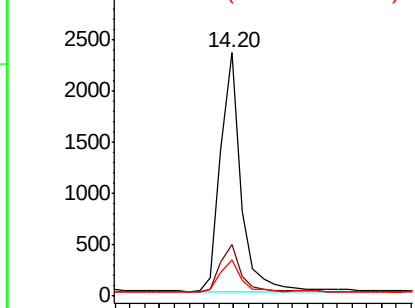


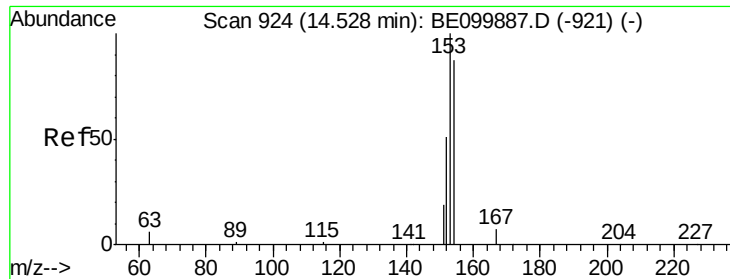
#16
Acenaphthylene
Concen: 0.339 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099947.D
Acq: 12 Jun 2019 9:35

Tgt Ion:152 Resp: 4482
Ion Ratio Lower Upper
152 100
151 20.1 15.5 23.3
153 12.8 10.2 15.2



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

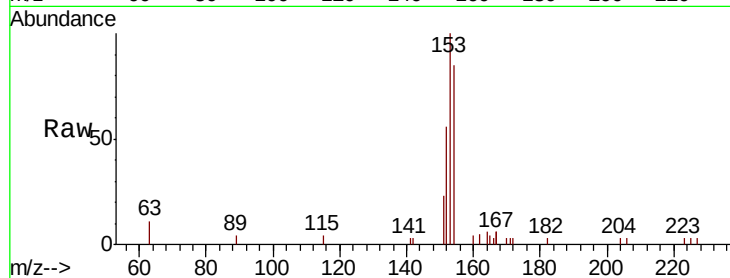




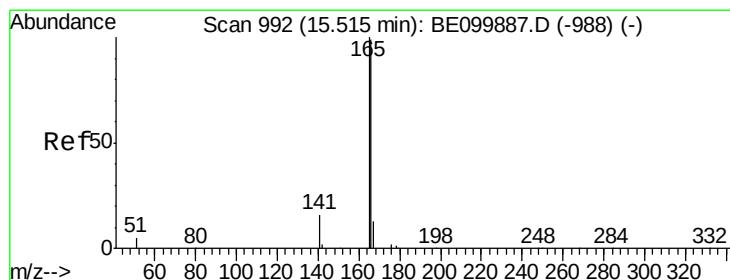
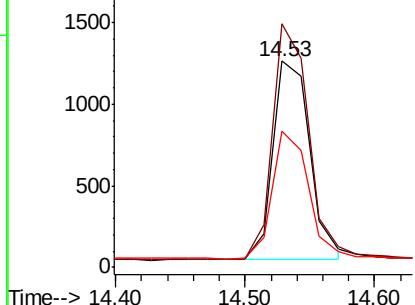
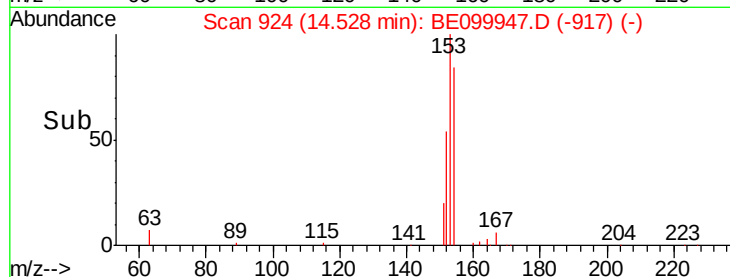
#17
Acenaphthene
Concen: 0.336 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099947.D
Acq: 12 Jun 2019 9:35

Instrument :
BNA_E
ClientSampleId :
PB120422BS

Tgt Ion:154 Resp: 2418
Ion Ratio Lower Upper
154 100
153 115.2 93.1 139.7
152 62.6 47.0 70.4

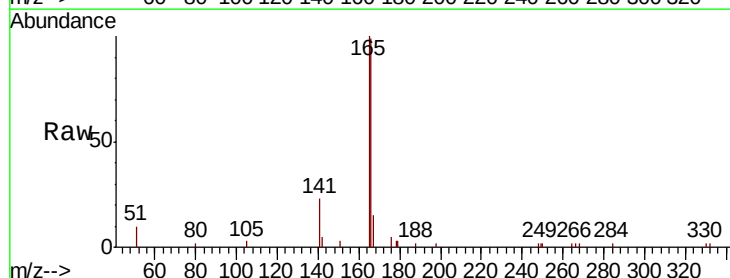


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

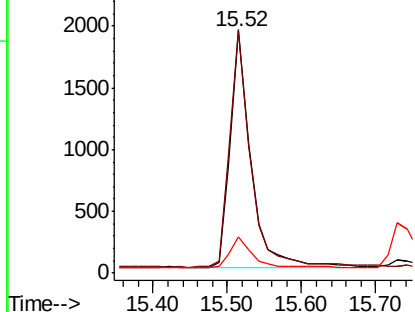
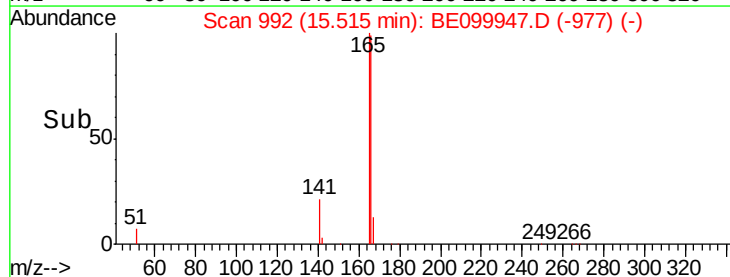


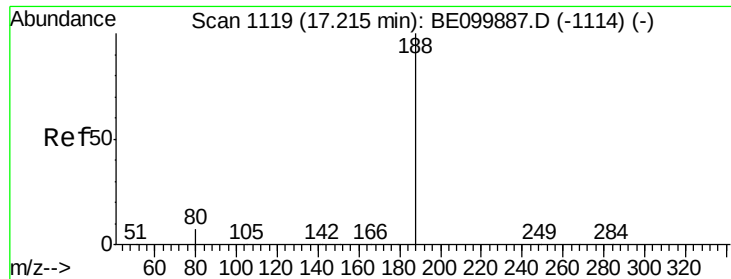
#18
Fluorene
Concen: 0.342 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099947.D
Acq: 12 Jun 2019 9:35

Tgt Ion:166 Resp: 3689
Ion Ratio Lower Upper
166 100
165 101.6 81.8 122.8
167 13.3 11.2 16.8



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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

Instrument :

BNA_E

ClientSampleId :

PB120422BS

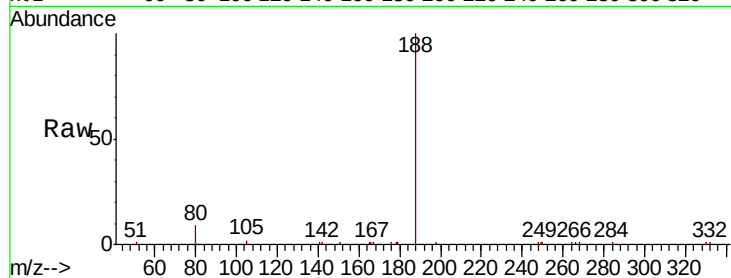
Tgt Ion:188 Resp: 8221

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

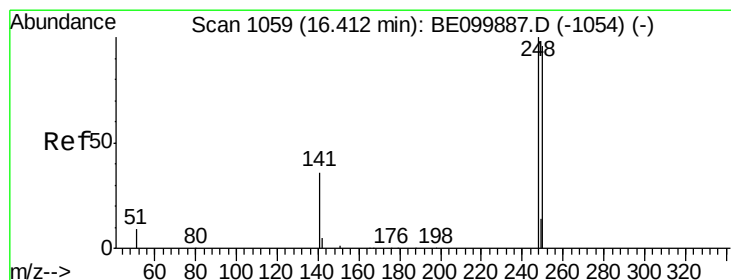
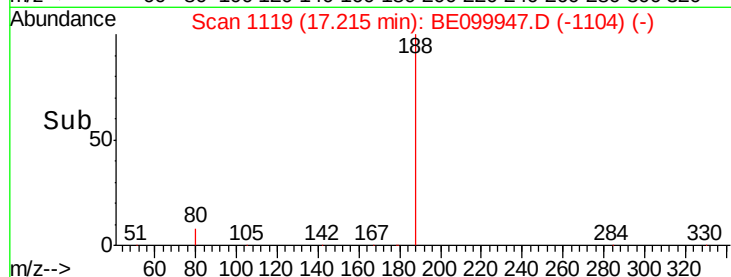
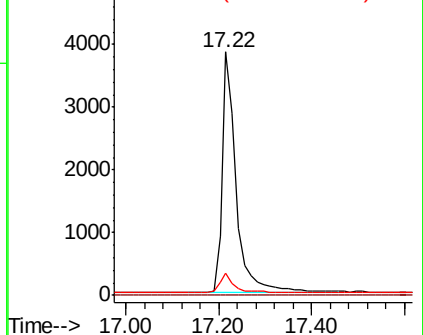
80 8.9 6.4 9.6



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: 0.347 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

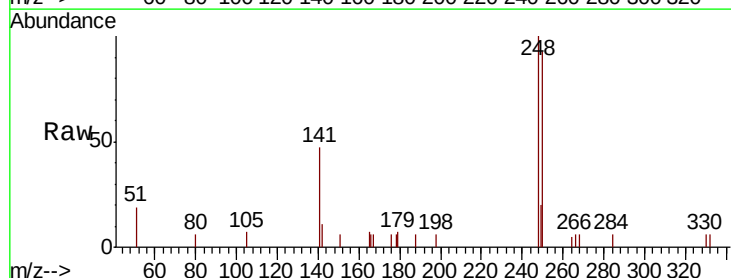
Tgt Ion:248 Resp: 1614

Ion Ratio Lower Upper

248 100

250 92.6 77.5 116.3

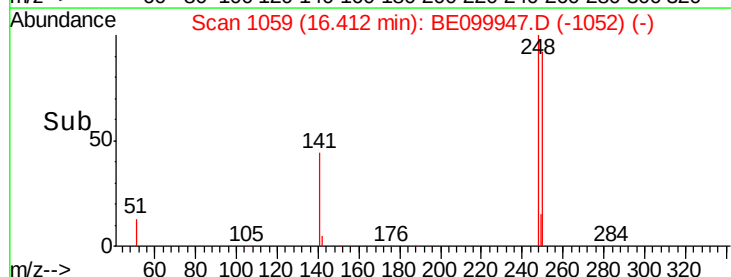
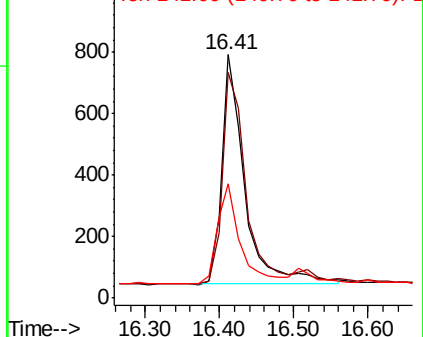
141 47.0 31.8 47.8

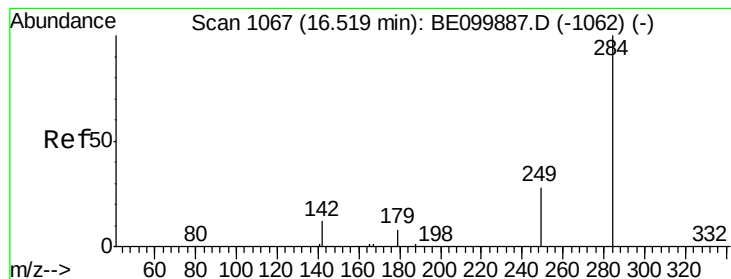


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.353 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

Instrument :

BNA_E

ClientSampleId :

PB120422BS

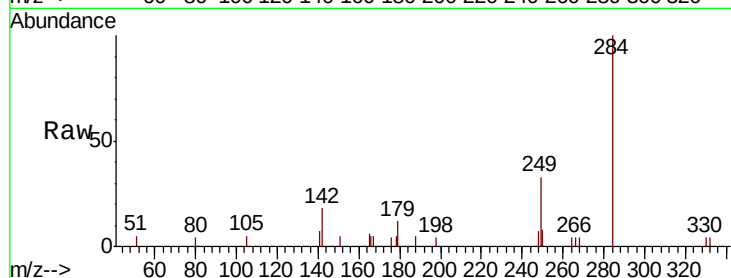
Tgt Ion:284 Resp: 1680

Ion Ratio Lower Upper

284 100

142 23.2 18.2 27.4

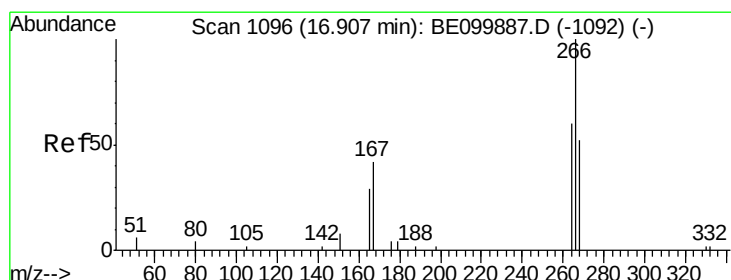
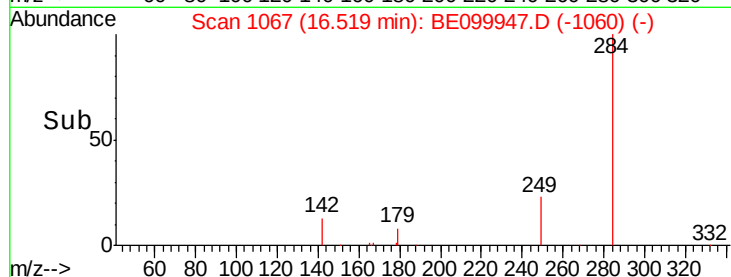
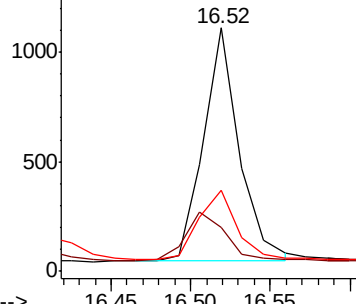
249 31.3 24.6 37.0



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: 0.349 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.03 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

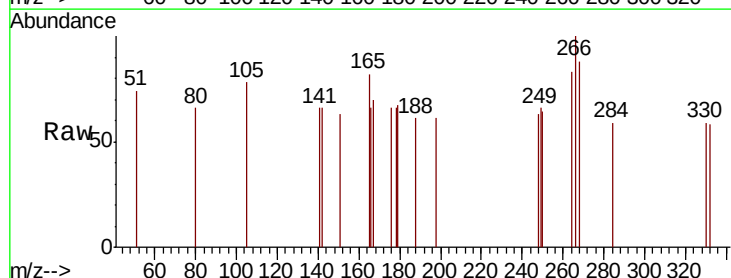
Tgt Ion:266 Resp: 112

Ion Ratio Lower Upper

266 100

264 82.9 62.2 93.2

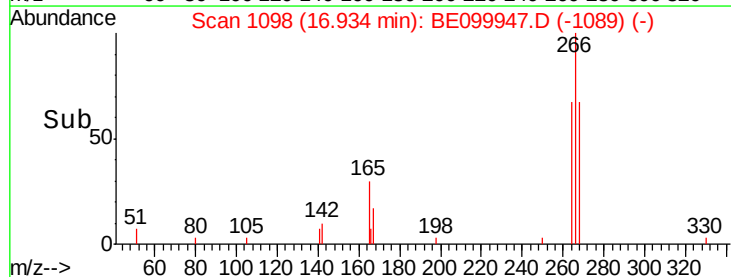
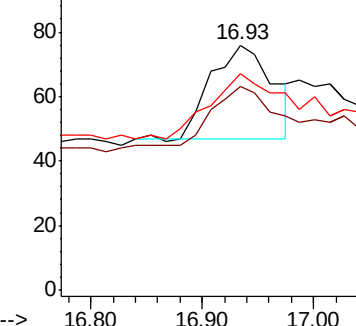
268 88.2 65.5 98.3

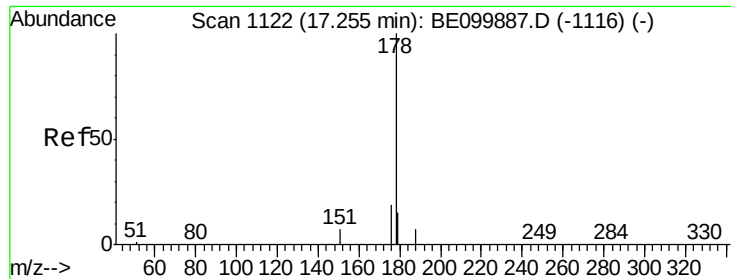


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.337 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

Instrument :

BNA_E

ClientSampleId :

PB120422BS

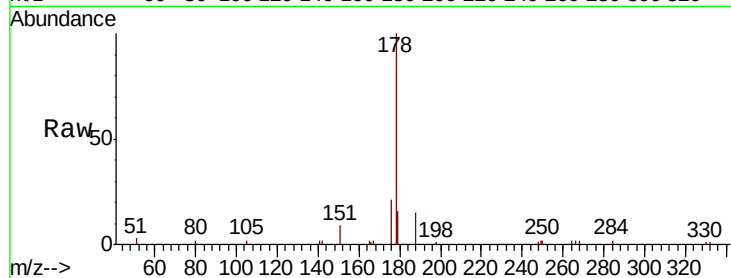
Tgt Ion:178 Resp: 6723

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

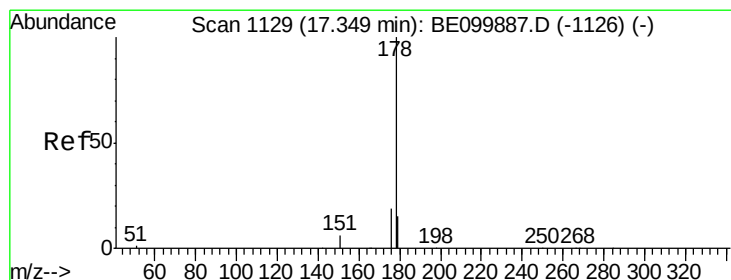
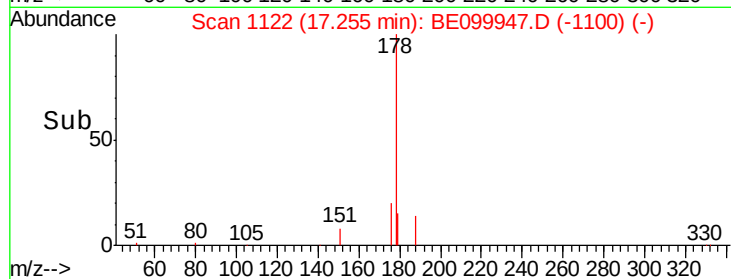
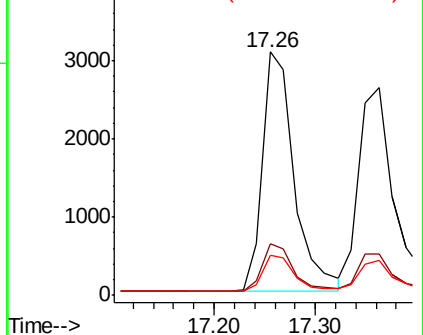
179 15.2 12.4 18.6



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: 0.304 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

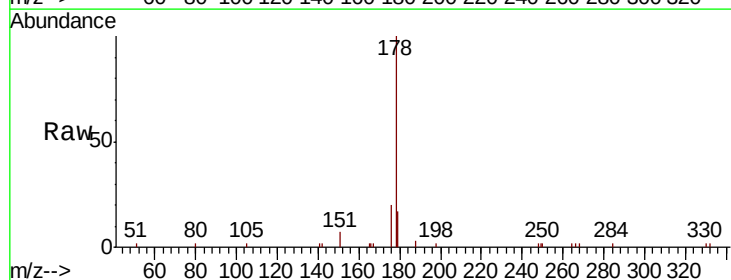
Tgt Ion:178 Resp: 5565

Ion Ratio Lower Upper

178 100

176 19.1 14.6 22.0

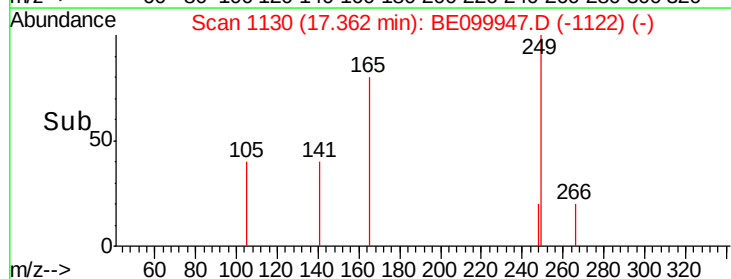
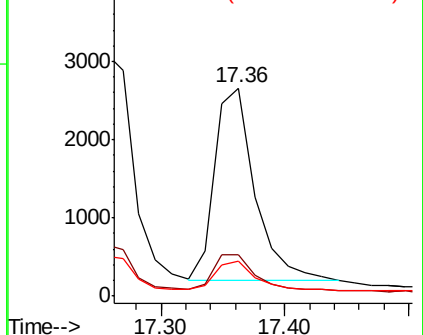
179 15.3 12.3 18.5

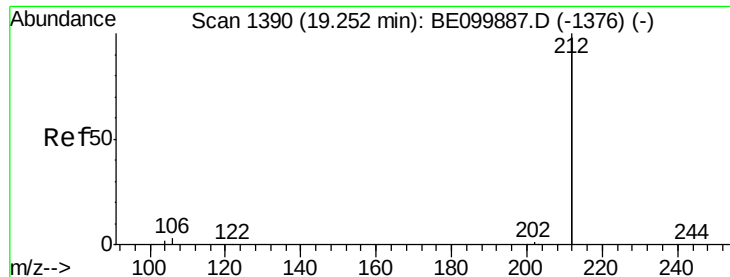


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.317 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

Instrument :

BNA_E

ClientSampleId :

PB120422BS

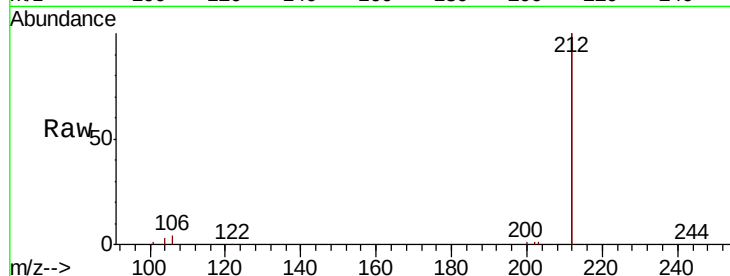
Tgt Ion:212 Resp: 38015

Ion Ratio Lower Upper

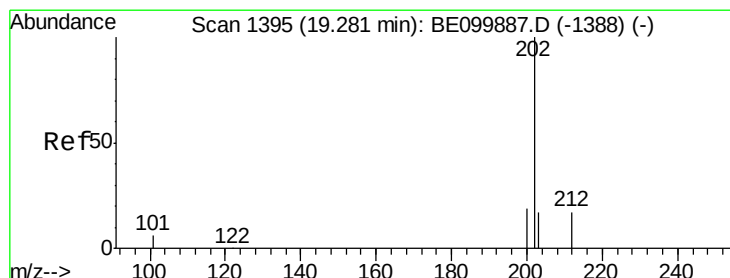
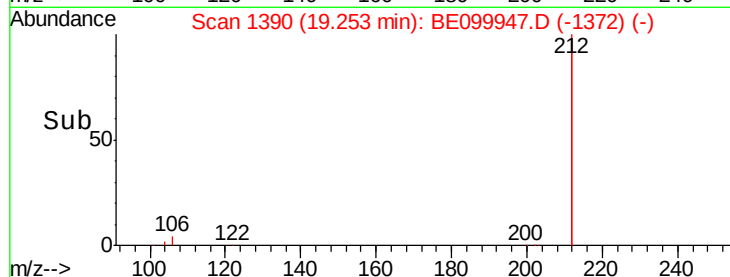
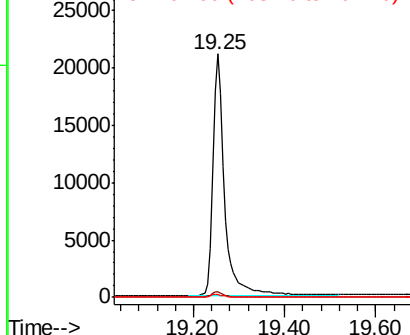
212 100

106 1.9 1.4 2.2

104 1.1 0.9 1.3



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: 0.331 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

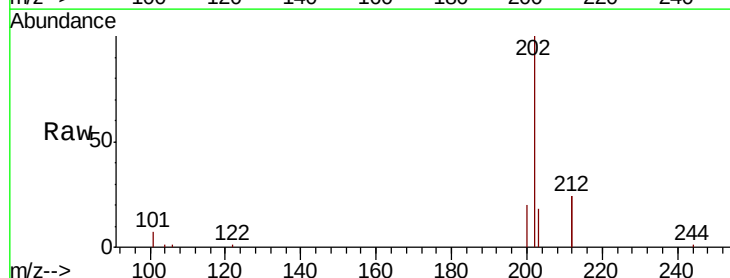
Tgt Ion:202 Resp: 11225

Ion Ratio Lower Upper

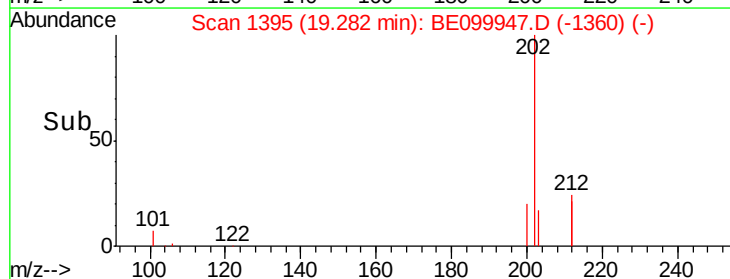
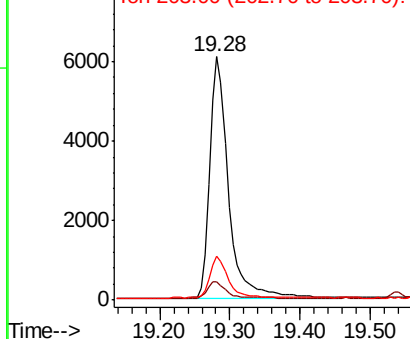
202 100

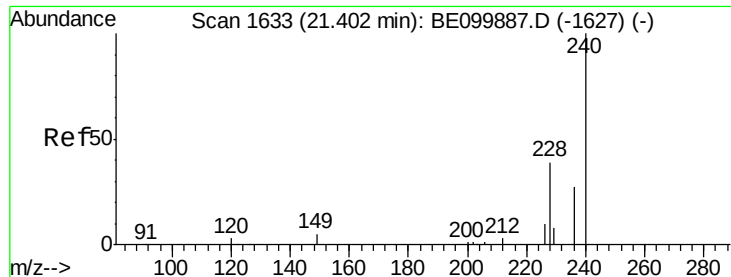
101 6.8 5.4 8.0

203 16.7 13.2 19.8



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

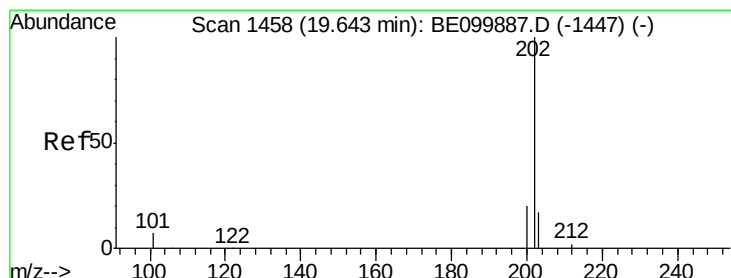
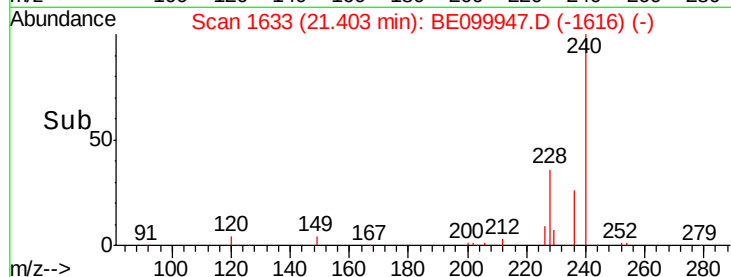
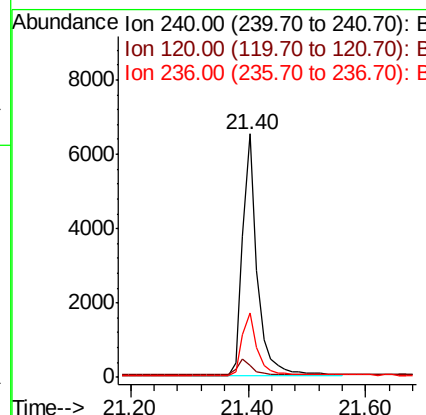
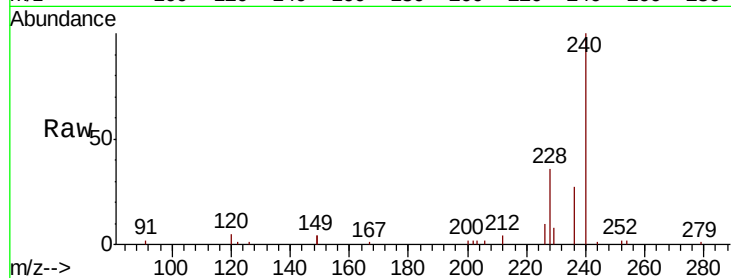




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099947.D
 Acq: 12 Jun 2019 9:35

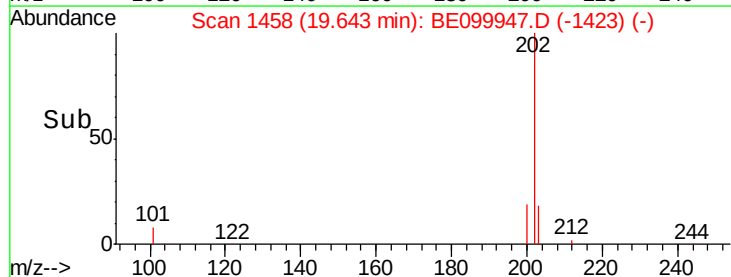
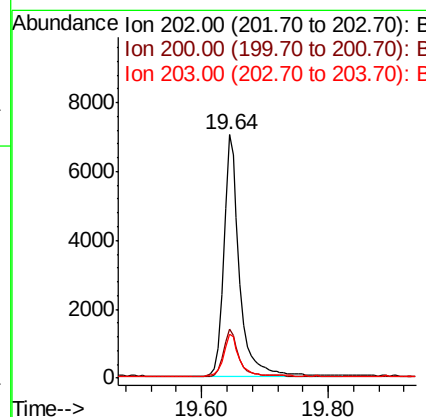
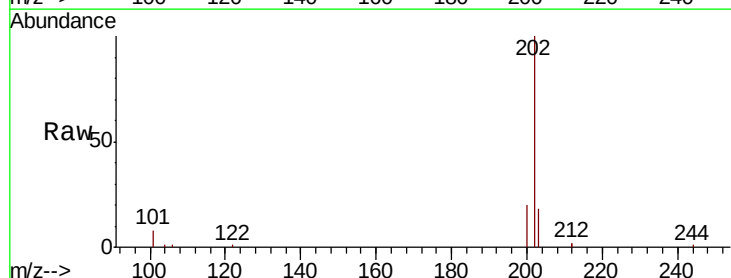
Instrument :
 BNA_E
 ClientSampleId :
 PB120422BS

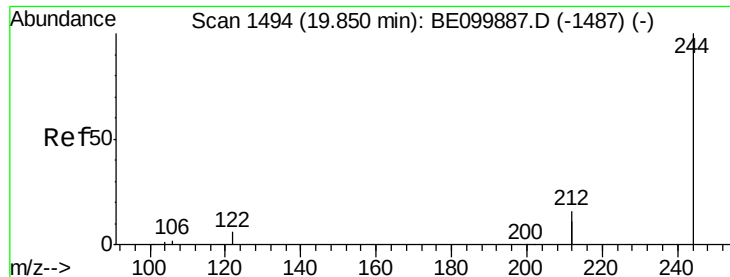
Tgt Ion:240 Resp: 11458
 Ion Ratio Lower Upper
 240 100
 120 5.0 3.8 5.6
 236 26.6 22.0 33.0



#28
 Pyrene
 Concen: 0.396 ng
 RT: 19.64 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BE099947.D
 Acq: 12 Jun 2019 9:35

Tgt Ion:202 Resp: 11908
 Ion Ratio Lower Upper
 202 100
 200 19.1 15.5 23.3
 203 18.2 14.0 21.0





#29

Terphenyl-d14

Concen: 0.384 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

Instrument :

BNA_E

ClientSampleId :

PB120422BS

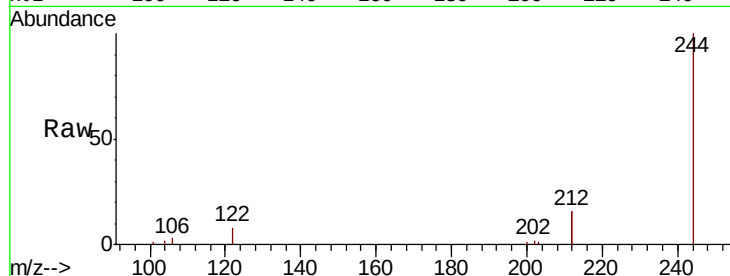
Tgt Ion:244 Resp: 7924

Ion Ratio Lower Upper

244 100

212 31.7 25.7 38.5

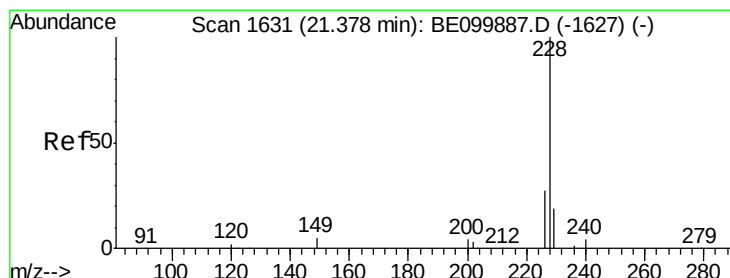
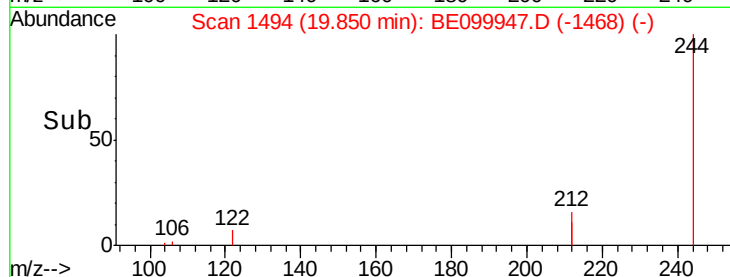
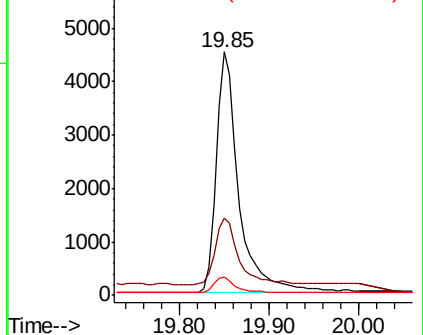
122 7.6 5.5 8.3



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: 0.389 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

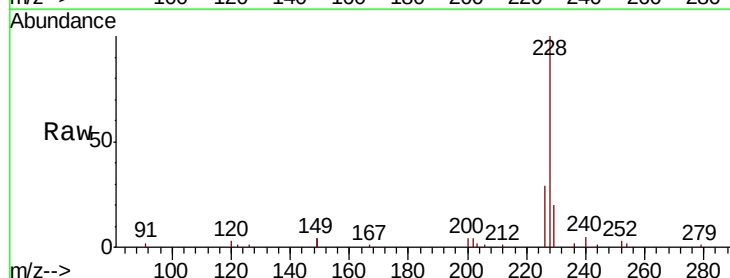
Tgt Ion:228 Resp: 13327

Ion Ratio Lower Upper

228 100

226 28.7 22.5 33.7

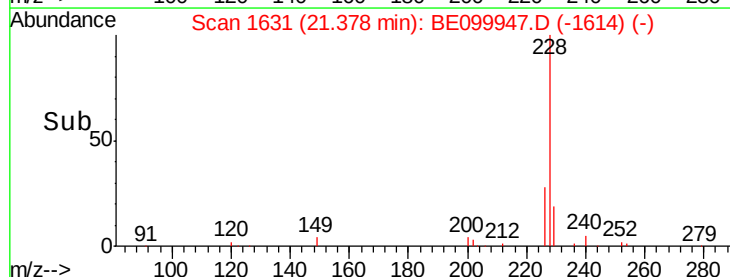
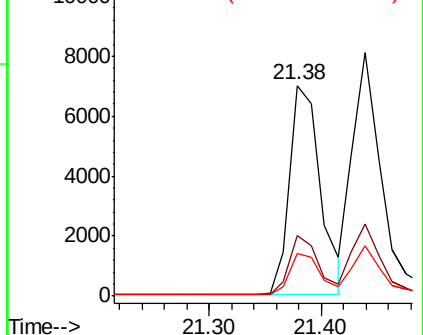
229 20.1 15.9 23.9

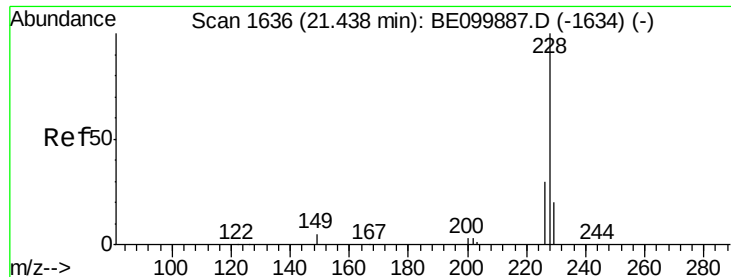


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.394 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

Instrument :

BNA_E

ClientSampleId :

PB120422BS

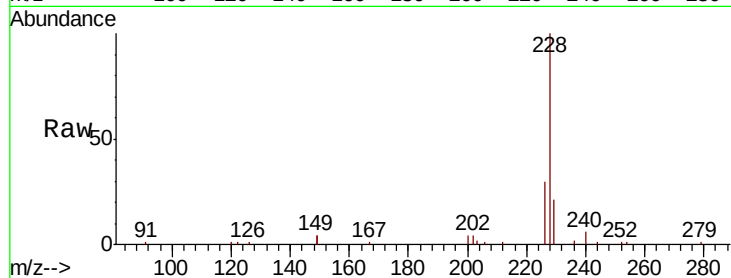
Tgt Ion: 228 Resp: 13932

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

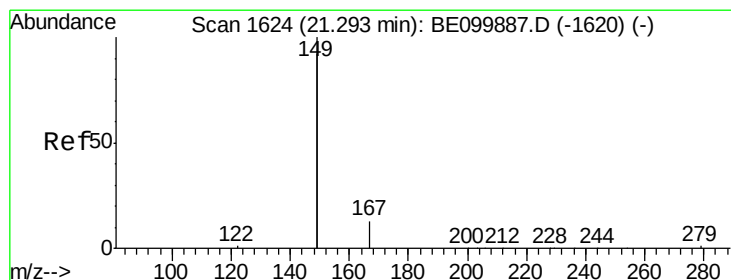
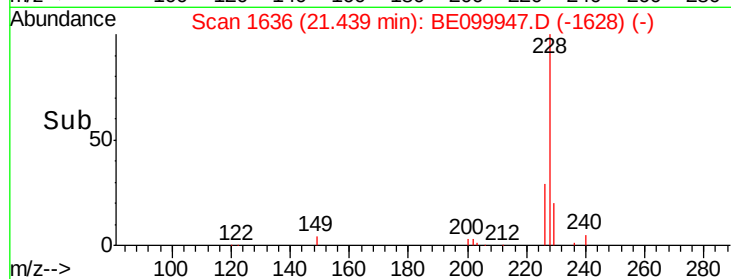
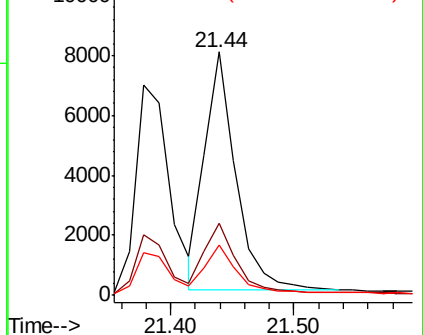
229 20.6 16.1 24.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.336 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

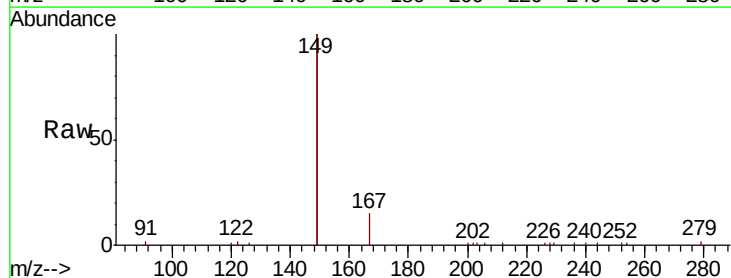
Tgt Ion: 149 Resp: 16503

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

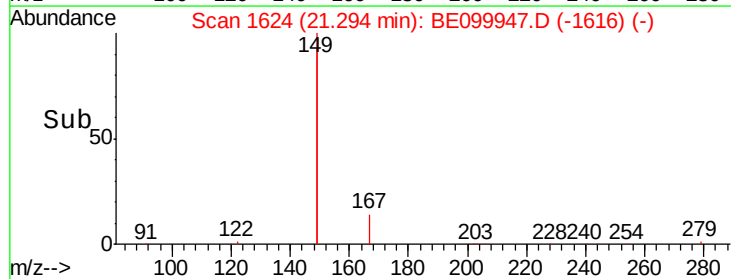
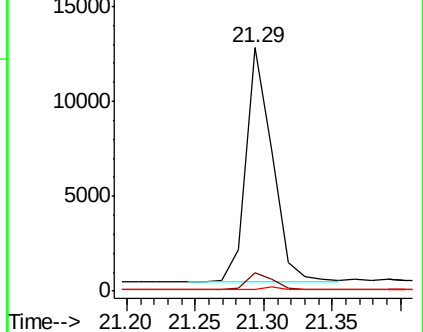
279 1.3 1.2 1.8

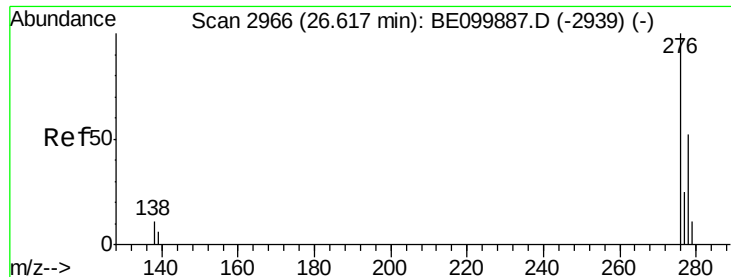


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.373 ng

RT: 26.62 min Scan# 2968

Delta R.T. 0.01 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

Instrument :

BNA_E

ClientSampleId :

PB120422BS

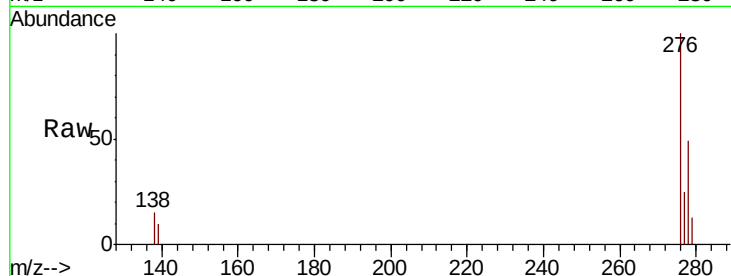
Tgt Ion:276 Resp: 15663

Ion Ratio Lower Upper

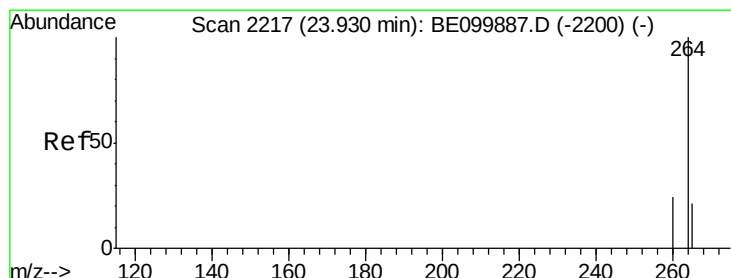
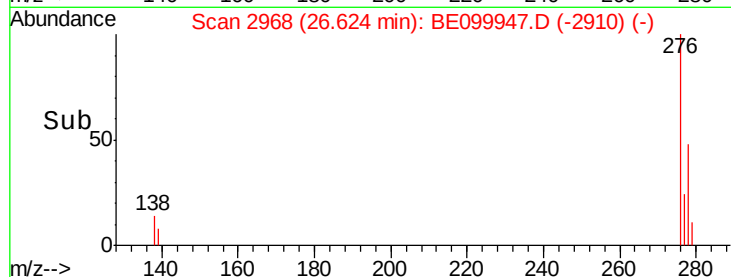
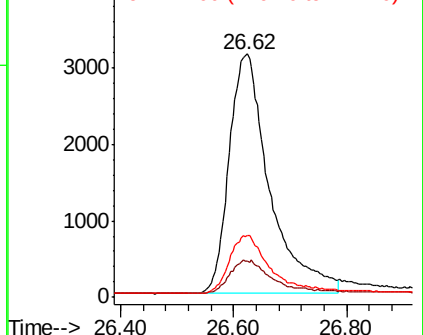
276 100

138 13.5 10.1 15.1

277 24.3 19.1 28.7



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: 23.93 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

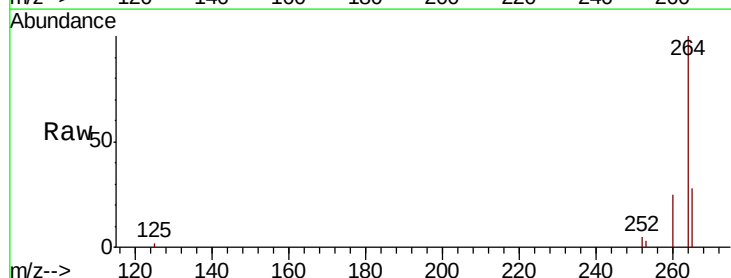
Tgt Ion:264 Resp: 12885

Ion Ratio Lower Upper

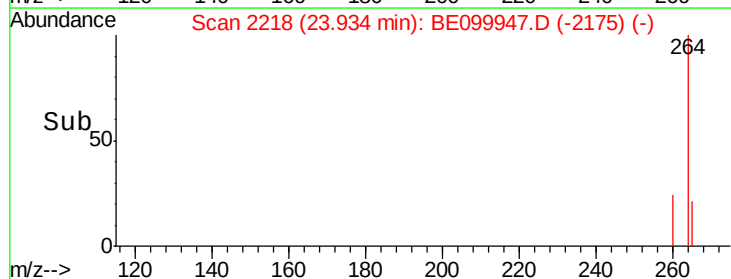
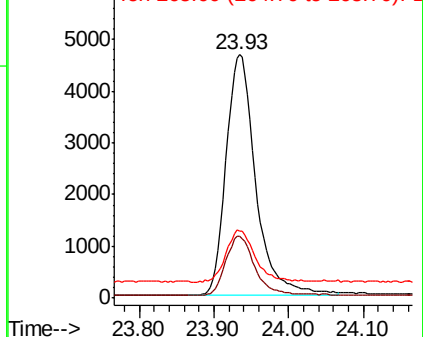
264 100

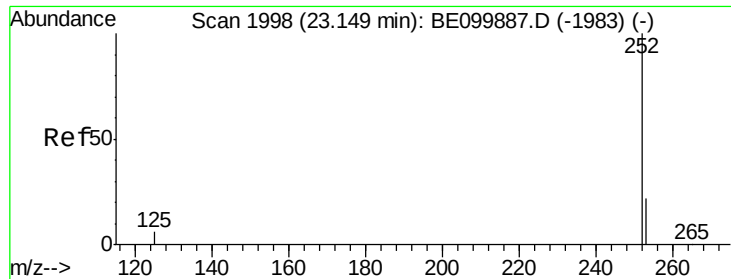
260 25.1 20.2 30.2

265 27.7 22.0 33.0



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: 0.405 ng

RT: 23.20 min Scan# 2013

Delta R.T. 0.05 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

Instrument :

BNA_E

ClientSampleId :

PB120422BS

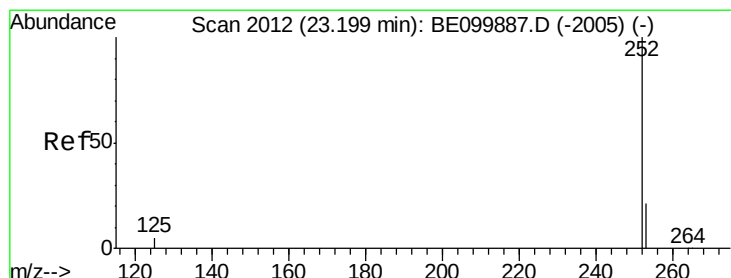
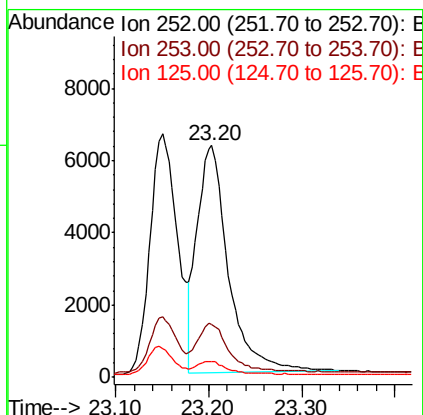
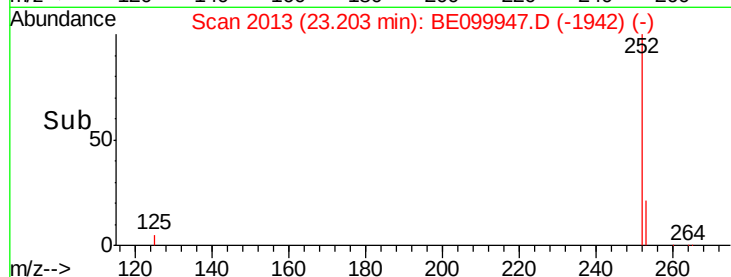
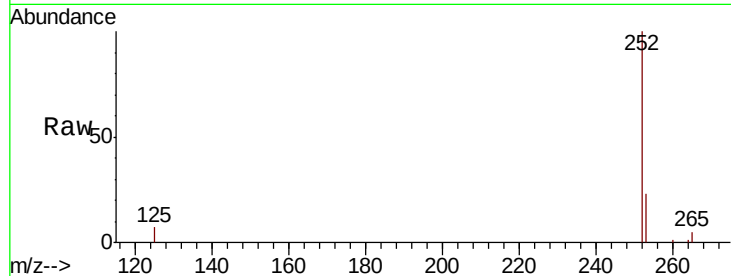
Tgt Ion:252 Resp: 14618

Ion Ratio Lower Upper

252 100

253 23.1 18.7 28.1

125 6.5 5.7 8.5



#36

Benzo(k)fluoranthene

Concen: 0.393 ng

RT: 23.20 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

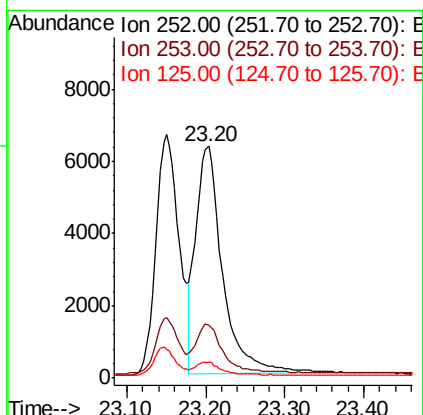
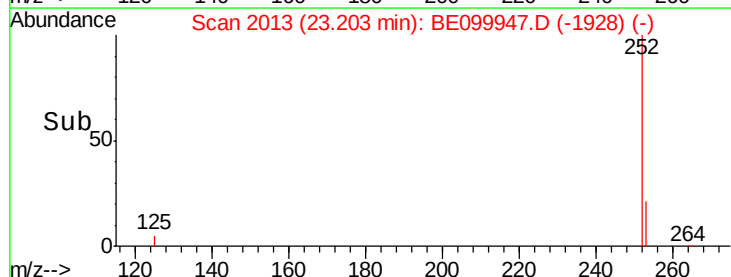
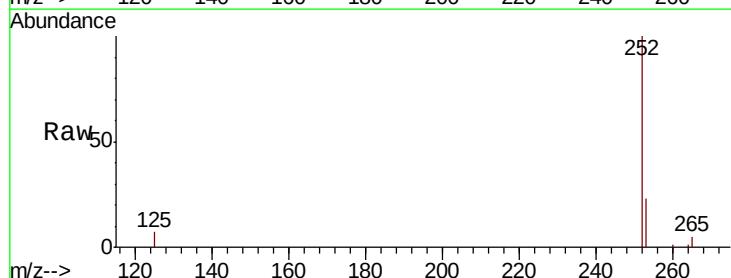
Tgt Ion:252 Resp: 14853

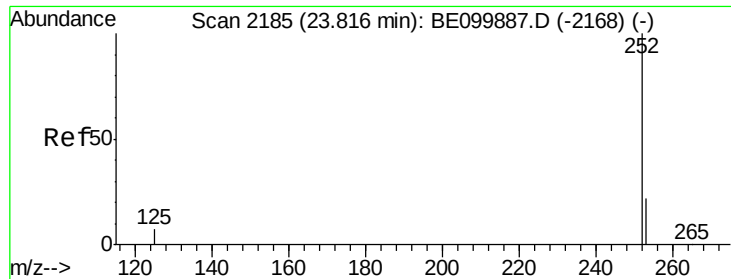
Ion Ratio Lower Upper

252 100

253 23.1 18.6 28.0

125 6.5 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.387 ng

RT: 23.82 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

Instrument :

BNA_E

ClientSampleId :

PB120422BS

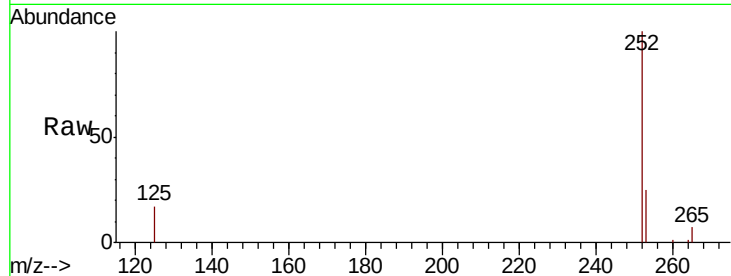
Tgt Ion:252 Resp: 13750

Ion Ratio Lower Upper

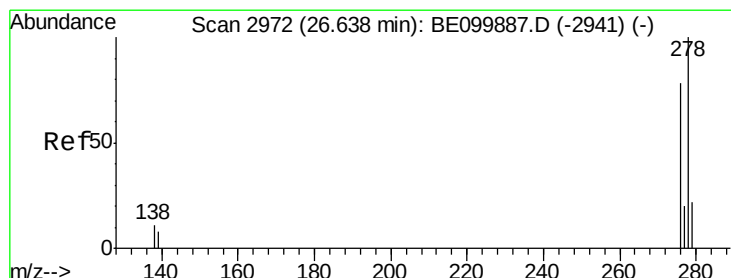
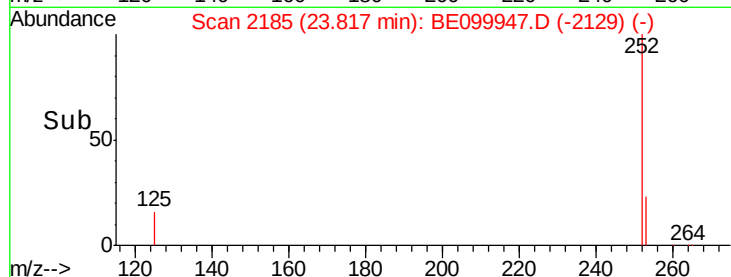
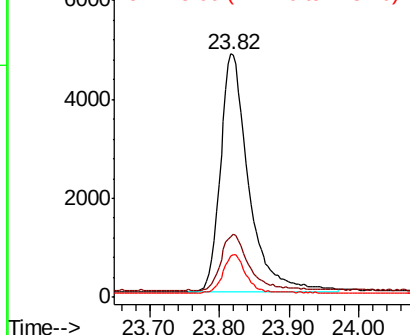
252 100

253 25.1 19.6 29.4

125 17.2 6.6 10.0#



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: 0.343 ng

RT: 26.65 min Scan# 2974

Delta R.T. 0.01 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

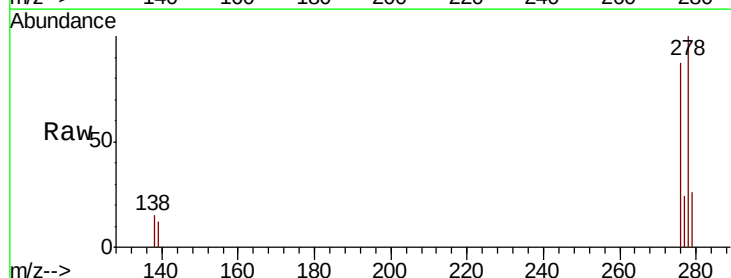
Tgt Ion:278 Resp: 12275

Ion Ratio Lower Upper

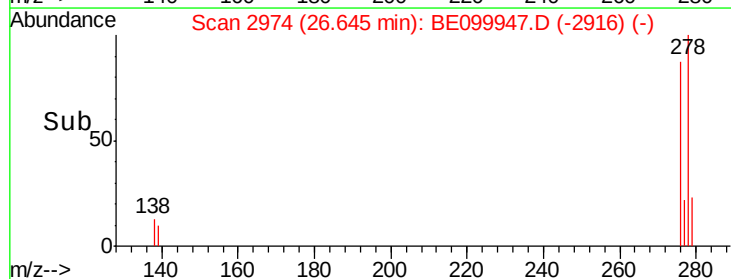
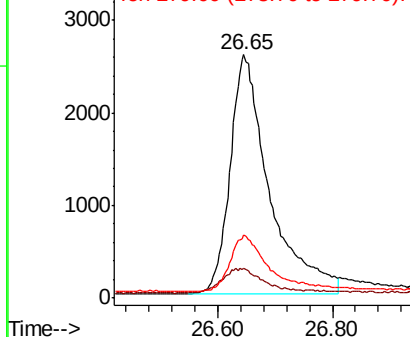
278 100

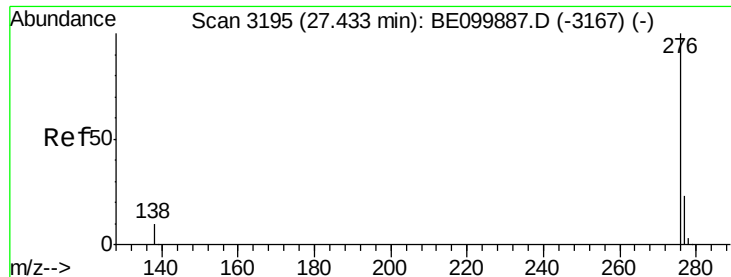
139 12.1 7.8 11.8#

279 25.8 20.0 30.0



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(g,h,i)perylene

Concen: 0.373 ng

RT: 27.44 min Scan# 3197

Delta R.T. 0.01 min

Lab File: BE099947.D

Acq: 12 Jun 2019 9:35

Instrument :

BNA_E

ClientSampleId :

PB120422BS

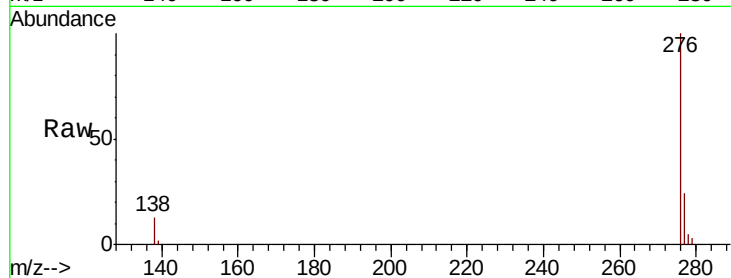
Tgt Ion: 276 Resp: 13801

Ion Ratio Lower Upper

276 100

277 23.9 19.5 29.3

138 13.2 9.5 14.3



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

