

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
 Data File : BE099993.D
 Acq On : 13 Jun 2019 17:10
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 14 03:25:21 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	585	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2227	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1858	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6395	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8366	0.40	ng	0.00
34) Perylene-d12	23.92	264	9548	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	634	0.40	ng	0.00
5) Phenol-d6	6.96	99	823	0.40	ng	0.00
8) Nitrobenzene-d5	8.96	82	843	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1713	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	481	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	2816	0.40	ng	-0.01
25) Fluoranthene-d10	19.25	212	34795	0.37	ng	0.00
29) Terphenyl-d14	19.85	244	6614	0.44	ng	0.00

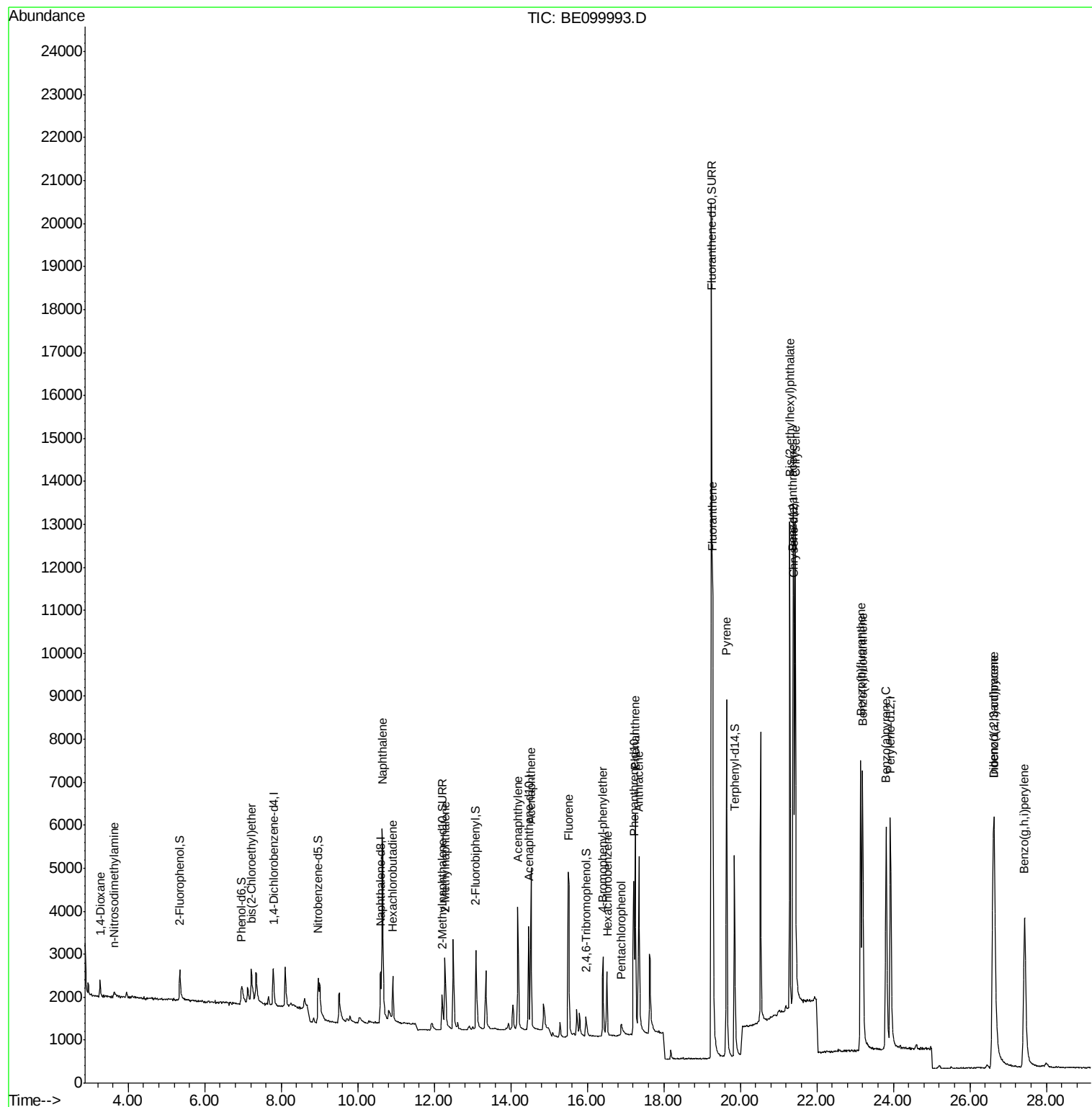
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	349	0.403	ng	90
3) n-Nitrosodimethylamine	3.63	42	92	0.184	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	676	0.407	ng	# 72
9) Naphthalene	10.64	128	10386	0.432	ng	100
10) Hexachlorobutadiene	10.91	225	839	0.458	ng	99
12) 2-Methylnaphthalene	12.28	142	1683	0.431	ng	99
16) Acenaphthylene	14.18	152	3766	0.407	ng	99
17) Acenaphthene	14.53	154	2041	0.405	ng	99
18) Fluorene	15.51	166	3198	0.423	ng	98
20) 4-Bromophenyl-phenylether	16.41	248	1422	0.393	ng	96
21) Hexachlorobenzene	16.52	284	1556	0.420	ng	99
22) Pentachlorophenol	16.89	266	390	0.519	ng	97
23) Phenanthrene	17.25	178	6158	0.397	ng	99
24) Anthracene	17.35	178	5457	0.384	ng	99
26) Fluoranthene	19.28	202	9929	0.376	ng	99
28) Pyrene	19.64	202	10146	0.462	ng	100
30) Benzo(a)anthracene	21.38	228	11084	0.443	ng	99
31) Chrysene	21.44	228	11564	0.447	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	12936	0.361	ng	99
33) Indeno(1,2,3-cd)pyrene	26.61	276	13715	0.447	ng	99
35) Benzo(b)fluoranthene	23.14	252	10959	0.410	ng	98
36) Benzo(k)fluoranthene	23.20	252	11519	0.412	ng	98
37) Benzo(a)pyrene	23.81	252	10823	0.411	ng	99
38) Dibenzo(a,h)anthracene	26.64	278	10809	0.407	ng	98
39) Benzo(g,h,i)perylene	27.43	276	11545	0.421	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: 7.79 min Scan# 428

Delta R.T. -0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

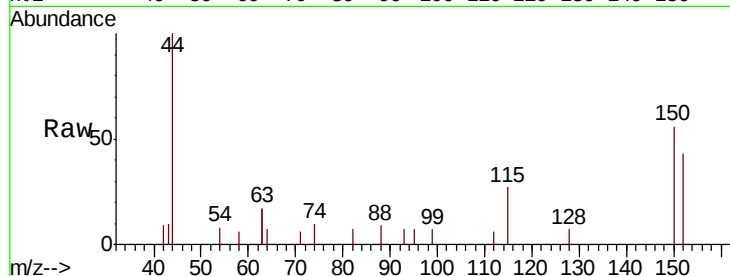
Tgt Ion: 152 Resp: 585

Ion Ratio Lower Upper

152 100

150 132.3 111.0 166.6

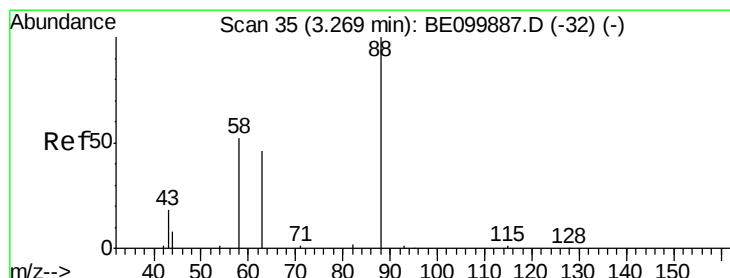
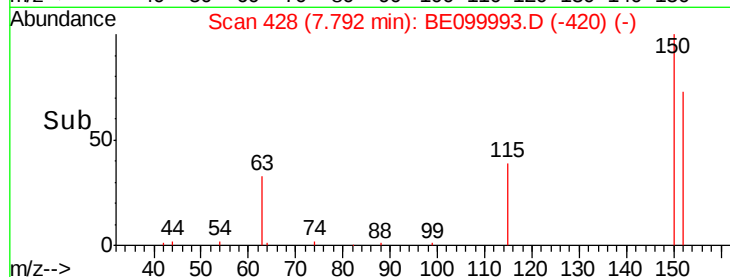
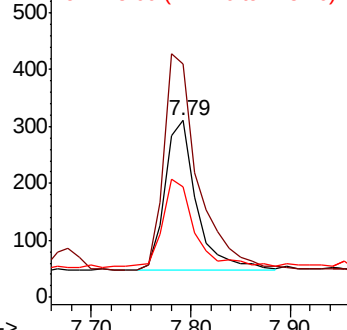
115 62.9 50.7 76.1



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: 0.403 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

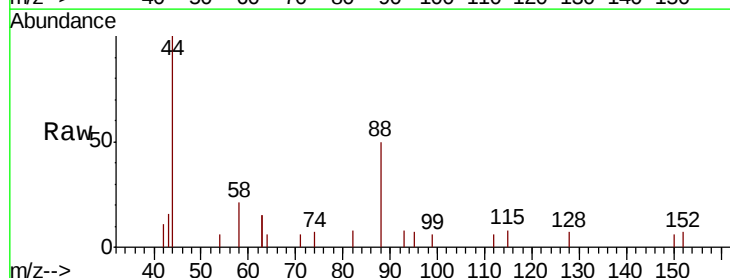
Tgt Ion: 88 Resp: 349

Ion Ratio Lower Upper

88 100

58 52.1 48.8 73.2

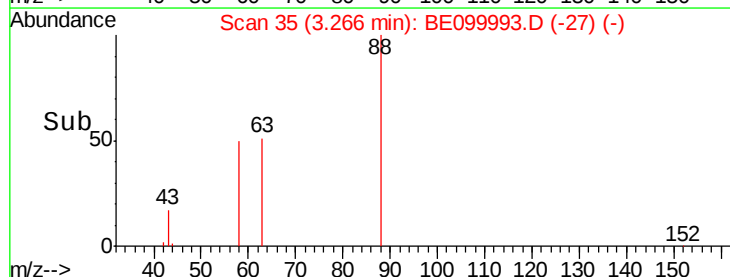
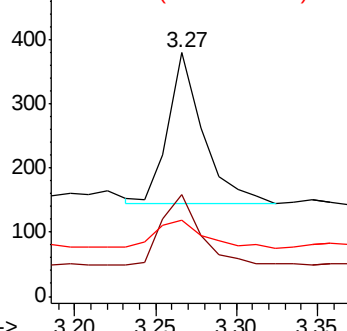
43 26.4 19.0 28.6



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: 0.184 ng

RT: 3.63 min Scan# 67

Delta R.T. 0.03 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

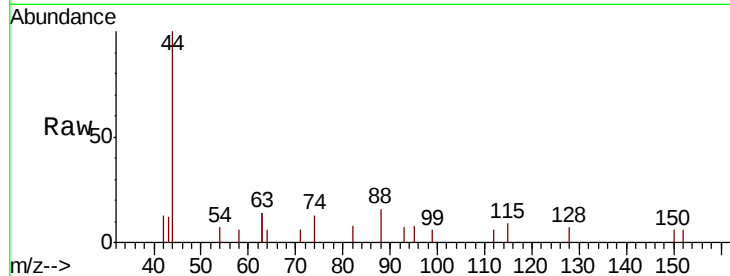
Tgt Ion: 42 Resp: 92

Ion Ratio Lower Upper

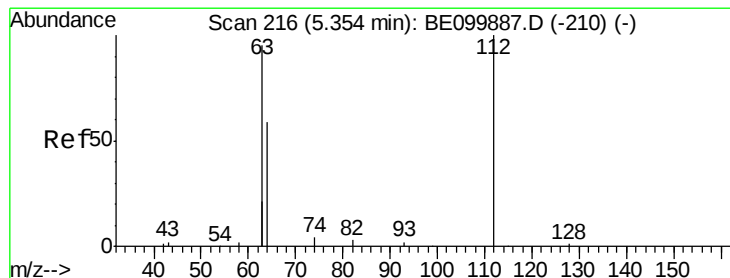
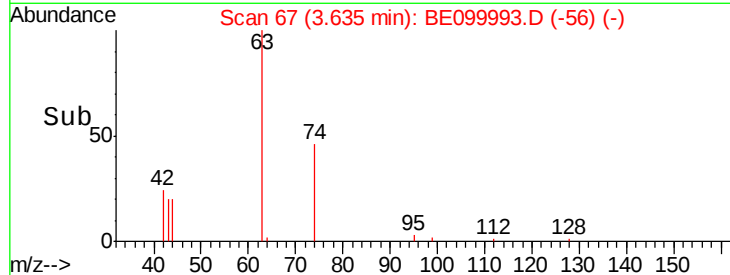
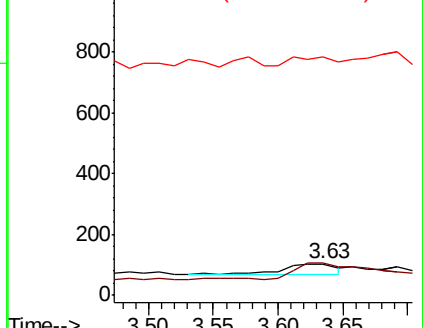
42 100

74 172.8 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: 0.401 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

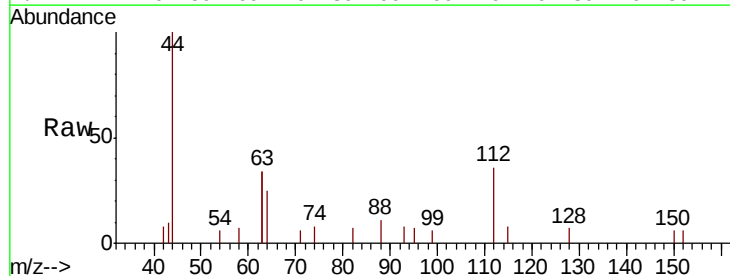
Tgt Ion: 112 Resp: 634

Ion Ratio Lower Upper

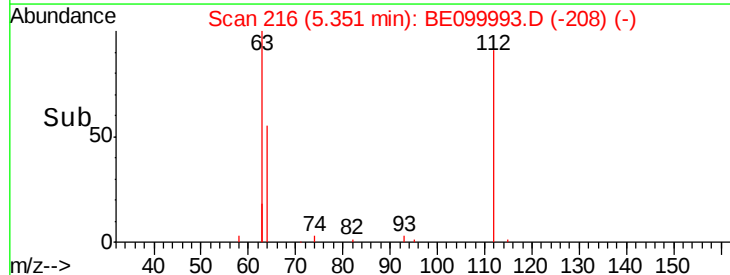
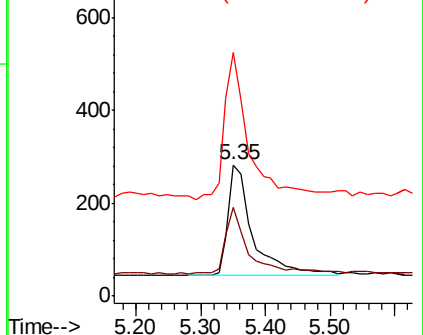
112 100

64 58.4 44.1 66.1

63 132.5 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: 0.405 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

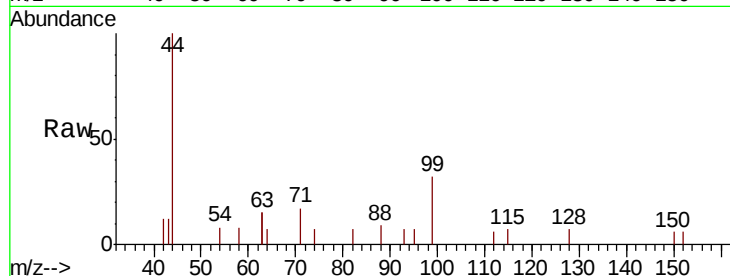
Tgt Ion: 99 Resp: 823

Ion Ratio Lower Upper

99 100

42 15.7 15.9 23.9#

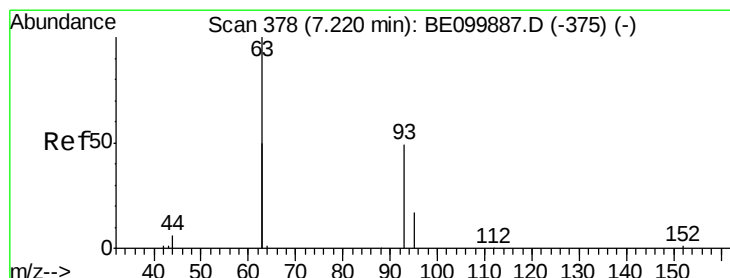
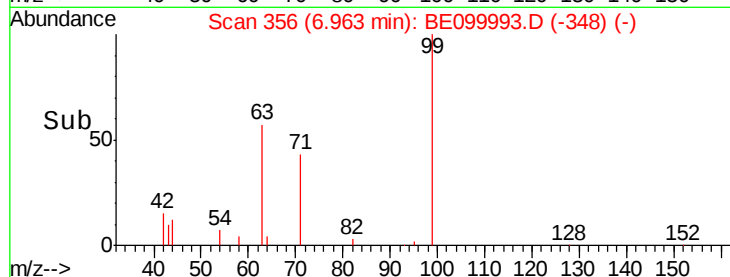
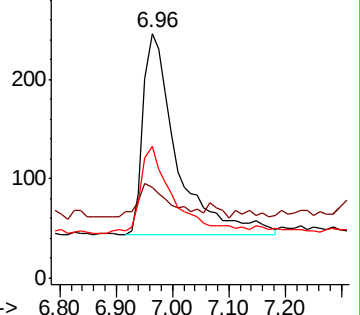
71 41.9 34.6 52.0



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

bis(2-Chloroethyl)ether

Concen: 0.407 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

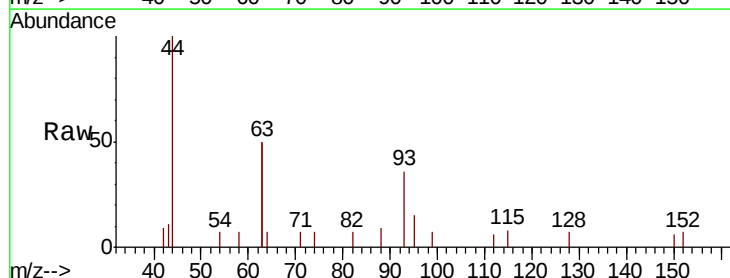
Tgt Ion: 93 Resp: 676

Ion Ratio Lower Upper

93 100

63 199.1 202.8 304.2#

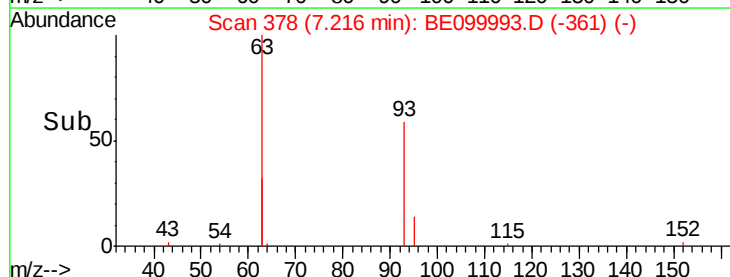
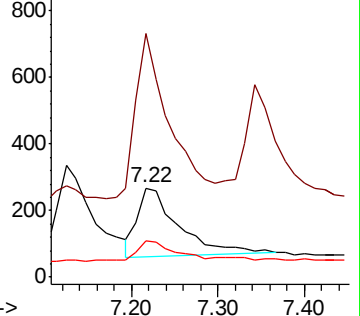
95 27.4 23.7 35.5



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 2227

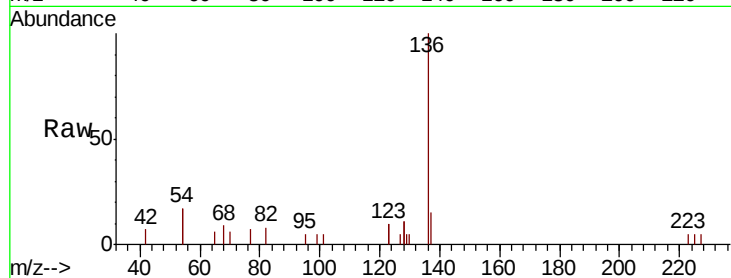
Ion Ratio Lower Upper

136 100

137 15.3 12.3 18.5

54 35.0 28.2 42.4

68 9.1 7.8 11.8

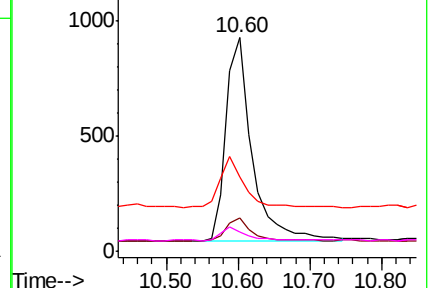
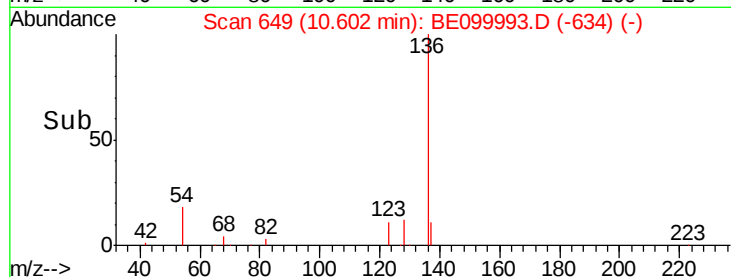


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.400 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

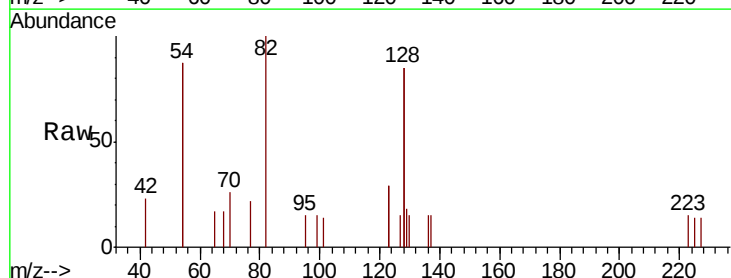
Tgt Ion: 82 Resp: 843

Ion Ratio Lower Upper

82 100

128 169.7 137.3 205.9

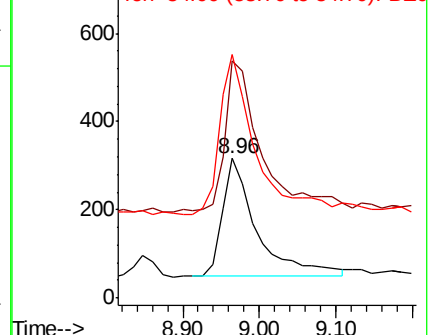
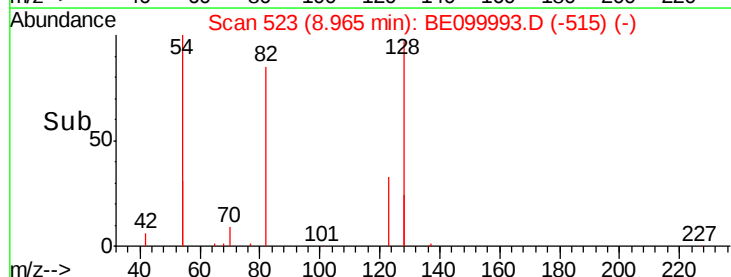
54 174.1 129.7 194.5



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: 0.432 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

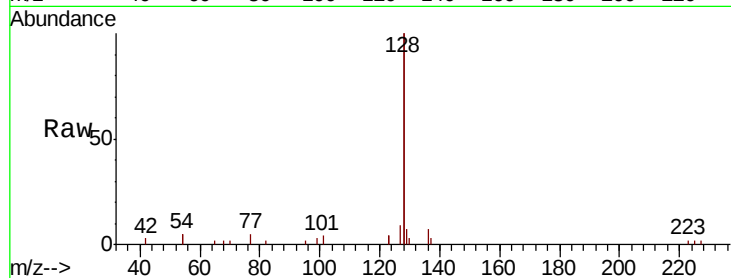
Tgt Ion:128 Resp: 10386

Ion Ratio Lower Upper

128 100

129 3.6 3.0 4.6

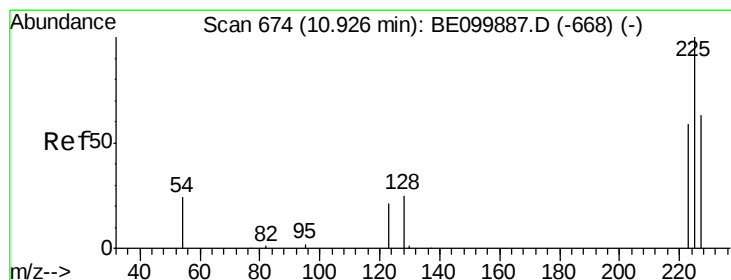
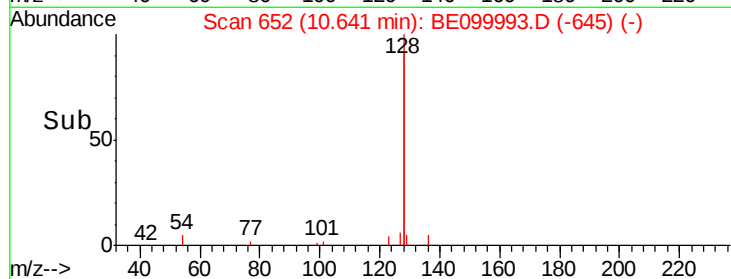
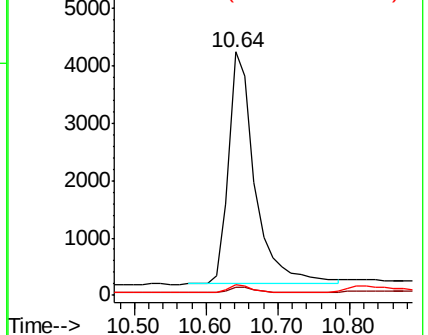
127 4.3 3.4 5.0



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: 0.458 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.01 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

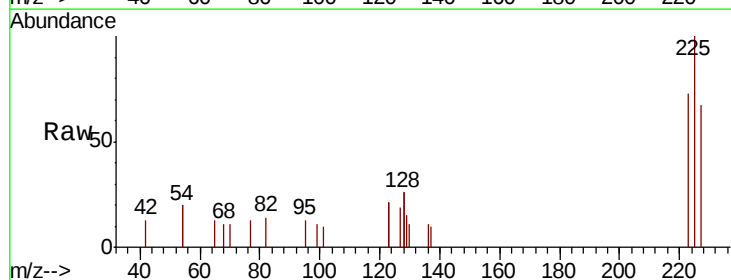
Tgt Ion:225 Resp: 839

Ion Ratio Lower Upper

225 100

223 64.1 51.6 77.4

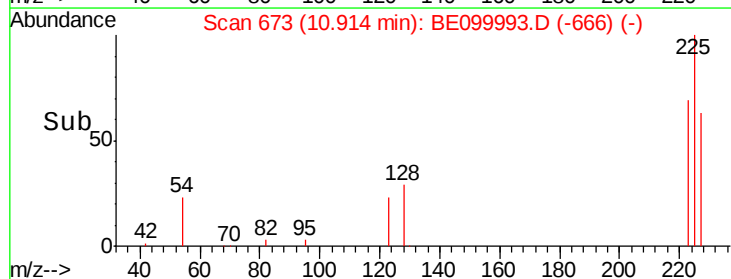
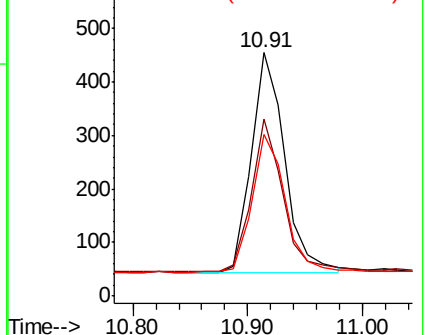
227 62.0 50.6 76.0



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: 0.441 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

Instrument :

BNA_E

ClientSampleId :

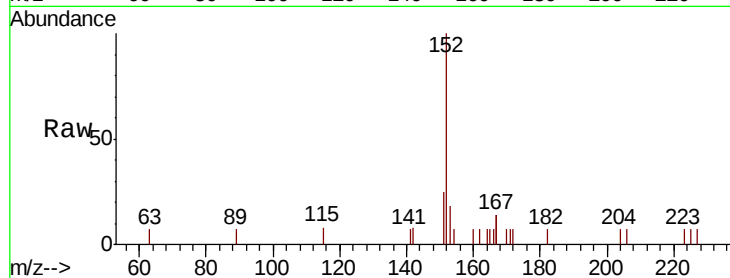
SSTDCCC0.4

Tgt Ion:152 Resp: 1713

Ion Ratio Lower Upper

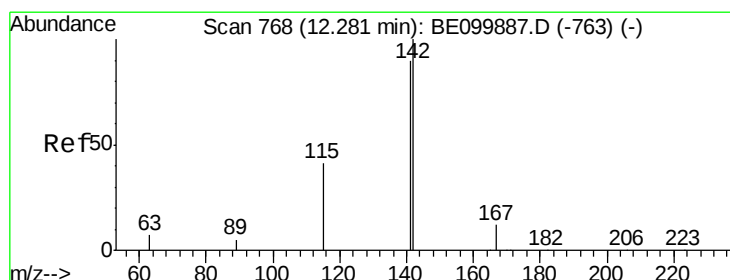
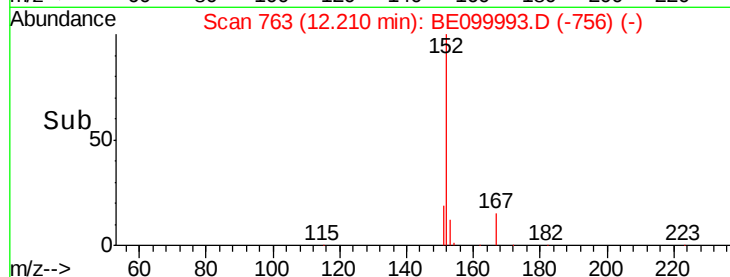
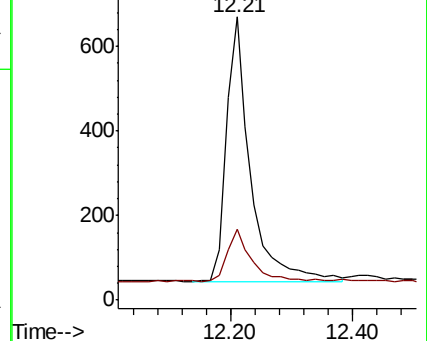
152 100

151 19.7 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.431 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

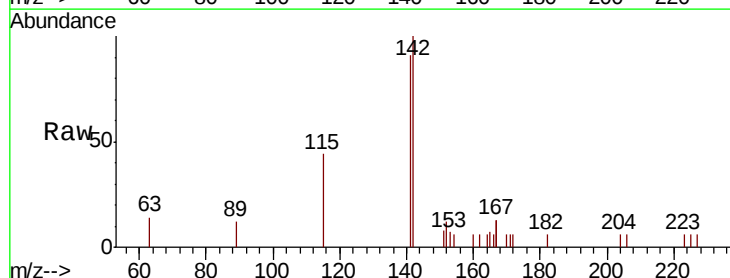
Tgt Ion:142 Resp: 1683

Ion Ratio Lower Upper

142 100

141 90.5 72.3 108.5

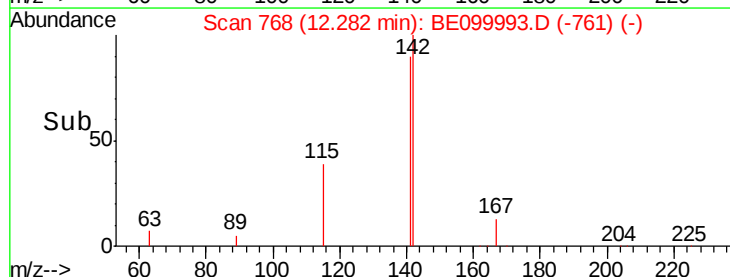
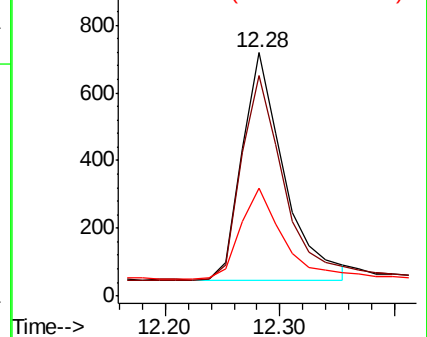
115 44.1 36.4 54.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

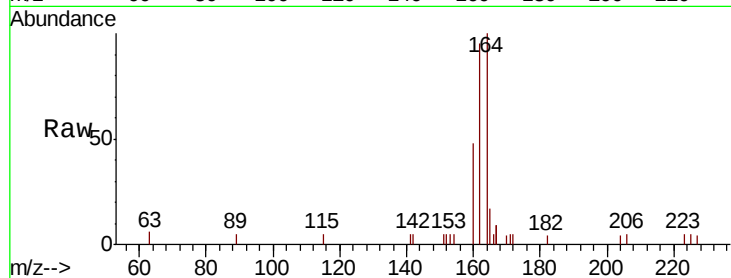




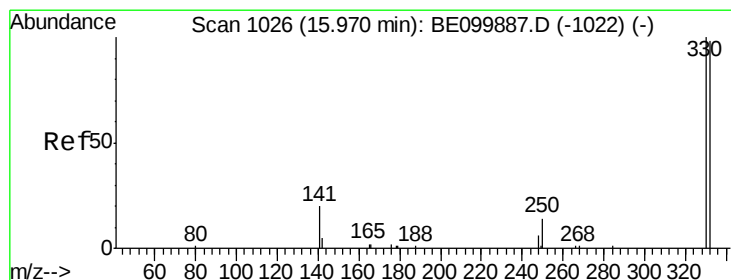
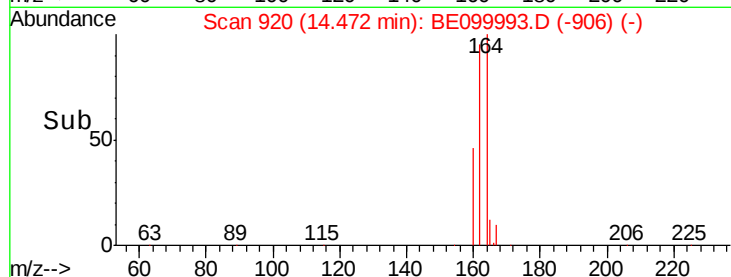
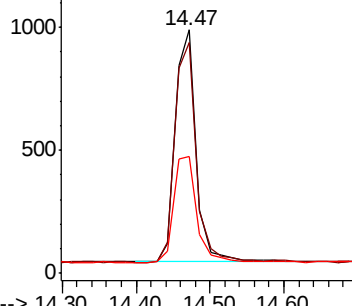
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 1858
Ion Ratio Lower Upper
164 100
162 95.1 77.8 116.8
160 48.1 38.2 57.4

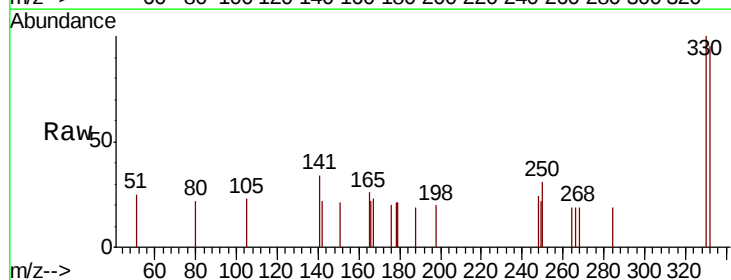


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

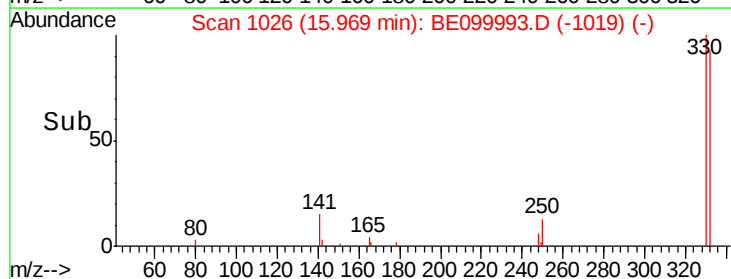
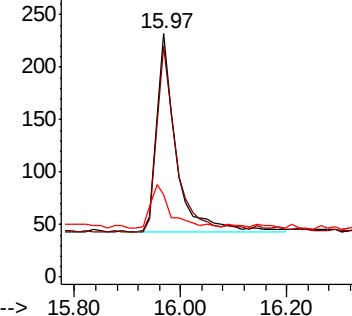


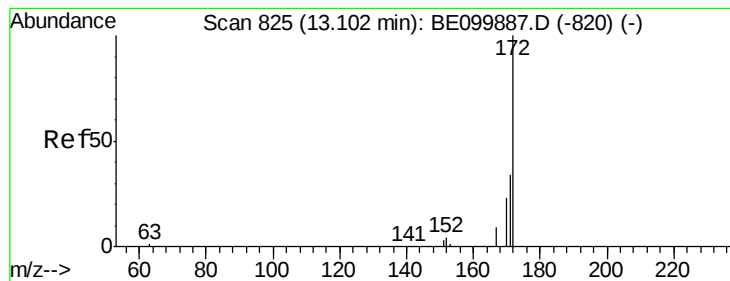
#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:330 Resp: 481
Ion Ratio Lower Upper
330 100
332 93.6 76.7 115.1
141 22.0 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

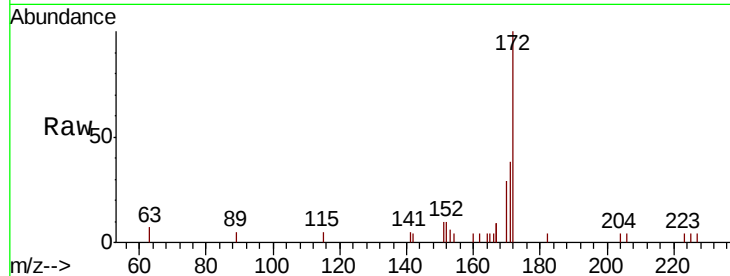




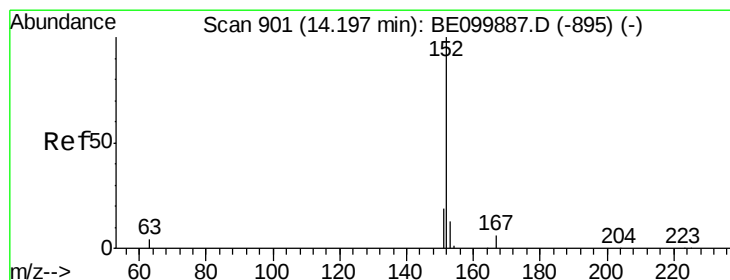
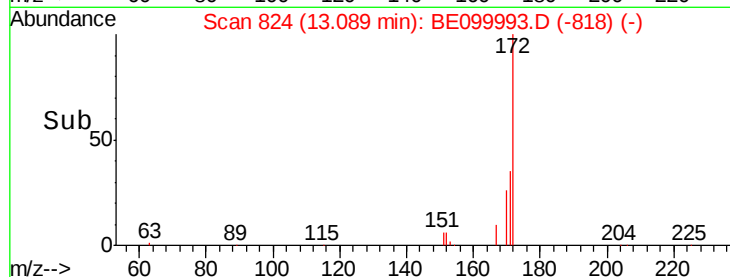
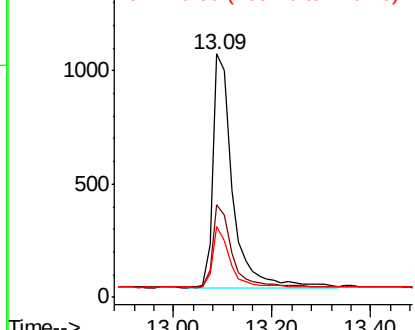
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2816
Ion Ratio Lower Upper
172 100
171 38.2 29.2 43.8
170 28.9 21.2 31.8

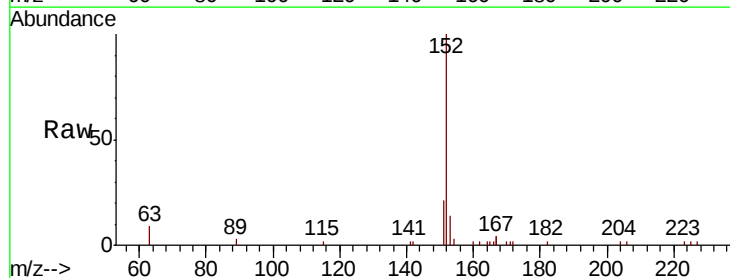


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

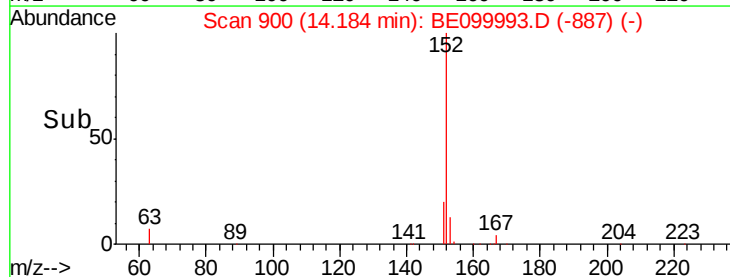
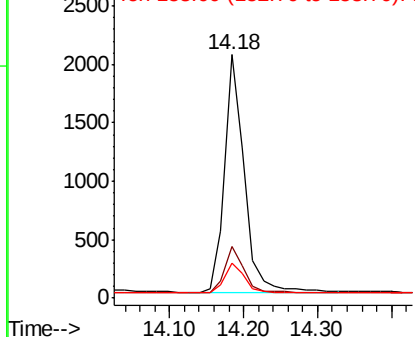


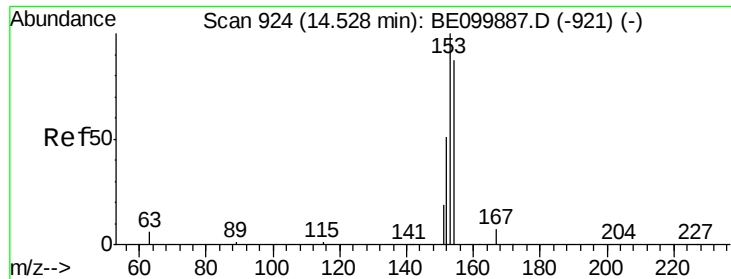
#16
Acenaphthylene
Concen: 0.407 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:152 Resp: 3766
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.0 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

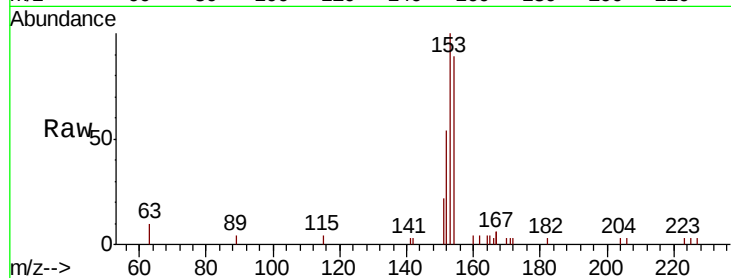




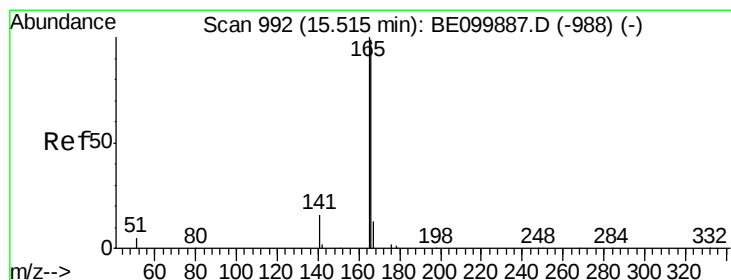
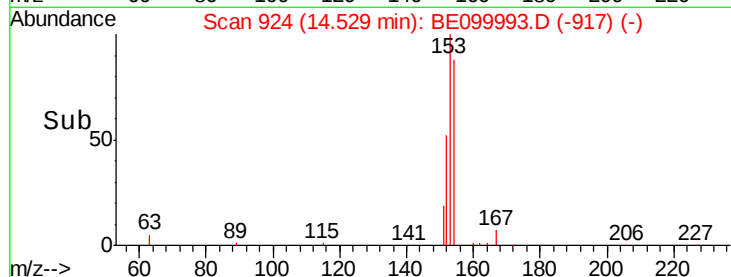
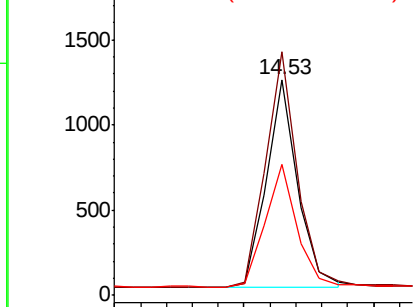
#17
Acenaphthene
Concen: 0.405 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2041
Ion Ratio Lower Upper
154 100
153 114.9 93.1 139.7
152 59.8 47.0 70.4

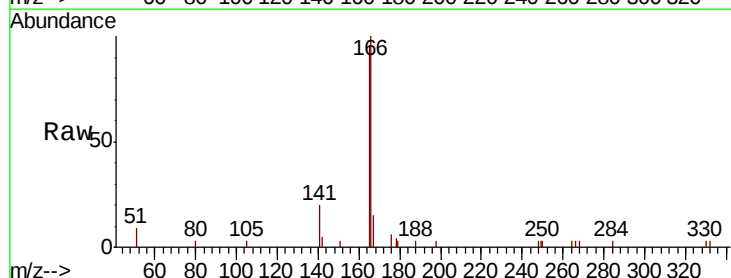


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

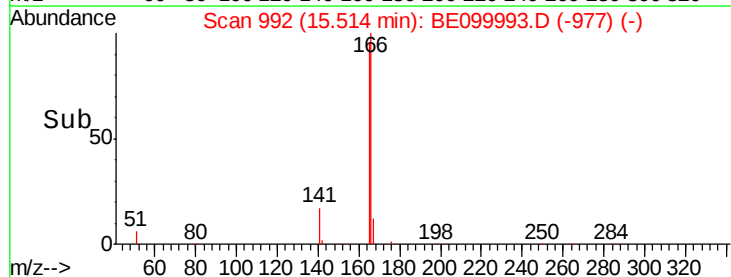
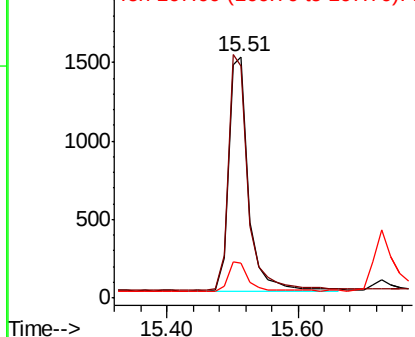


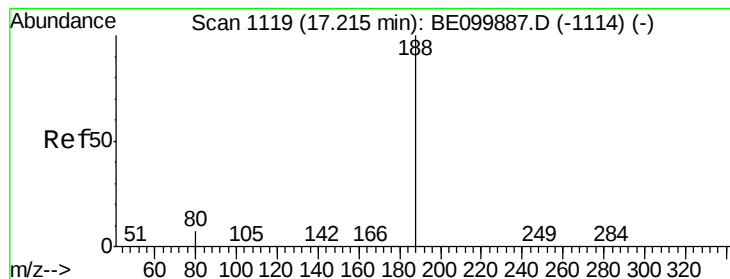
#18
Fluorene
Concen: 0.423 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:166 Resp: 3198
Ion Ratio Lower Upper
166 100
165 99.7 81.8 122.8
167 13.2 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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

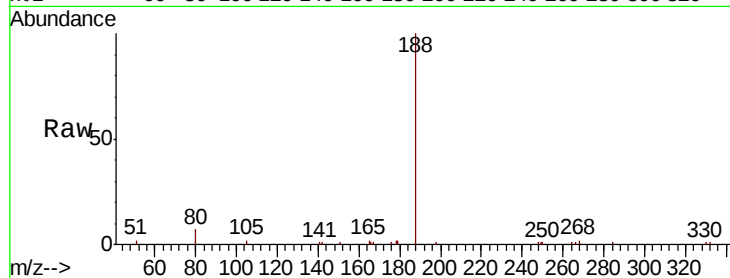
Tgt Ion:188 Resp: 6395

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

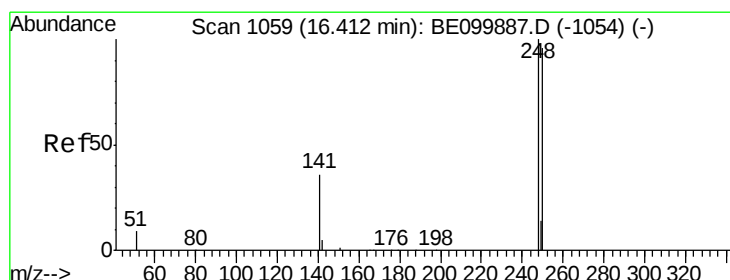
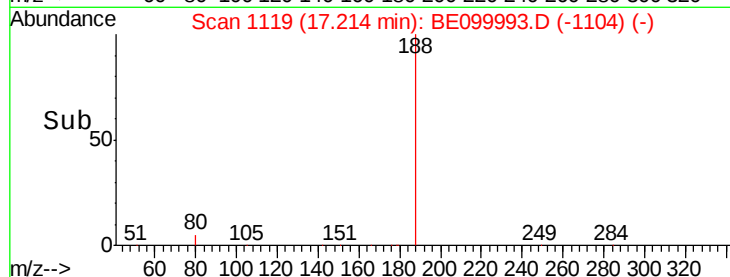
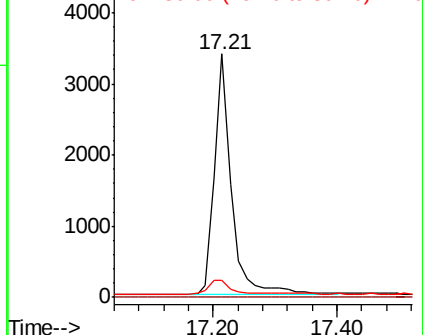
80 6.8 6.4 9.6



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: 0.393 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

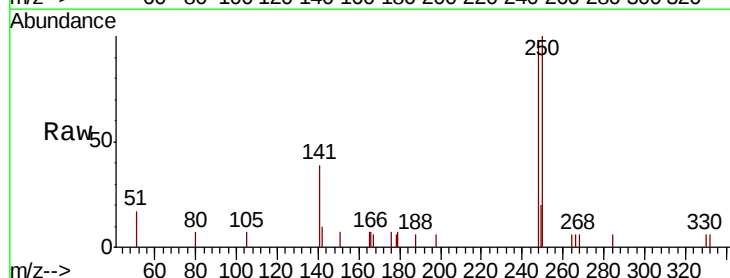
Tgt Ion:248 Resp: 1422

Ion Ratio Lower Upper

248 100

250 101.8 77.5 116.3

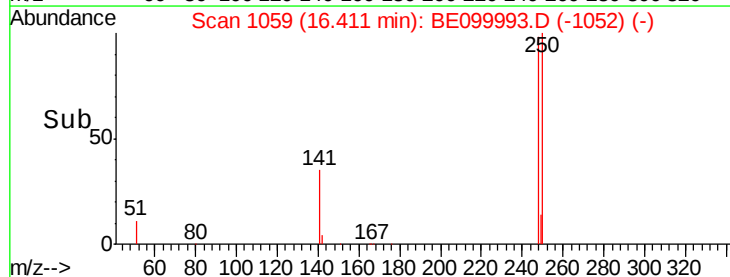
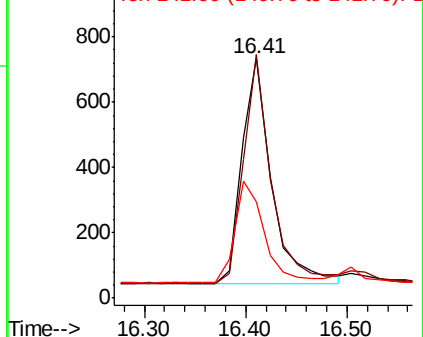
141 40.1 31.8 47.8

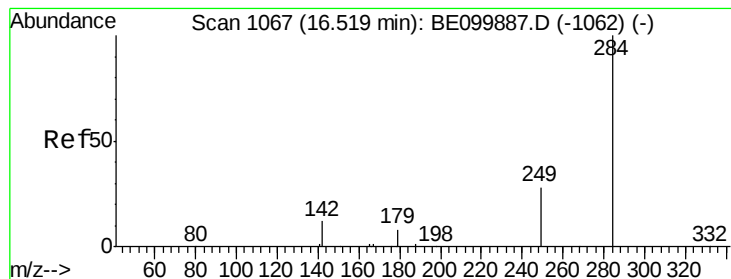


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.420 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

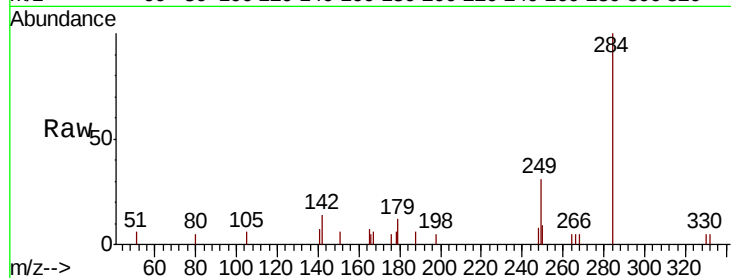
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

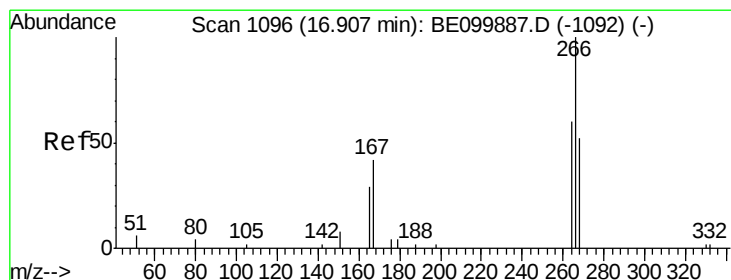
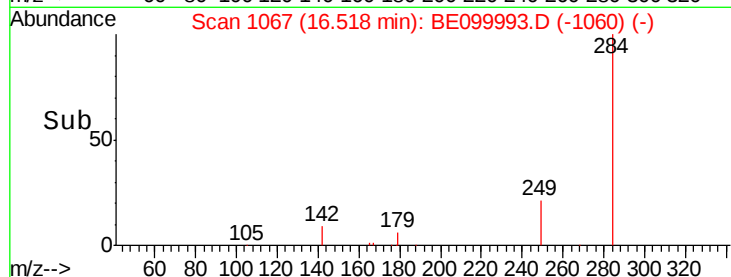
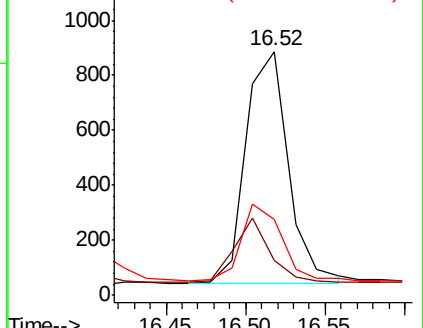
Tgt Ion:	284	Resp:	1556
Ion	Ratio	Lower	Upper
284	100		
142	24.2	18.2	27.4
249	31.0	24.6	37.0



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: 0.519 ng

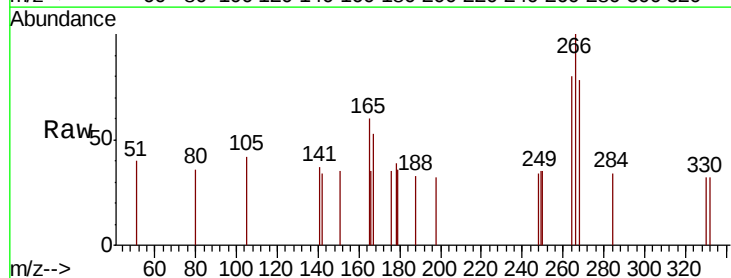
RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

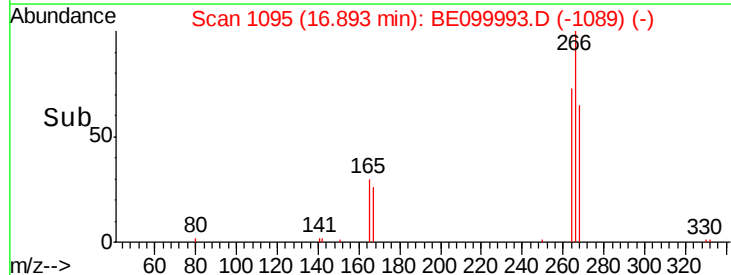
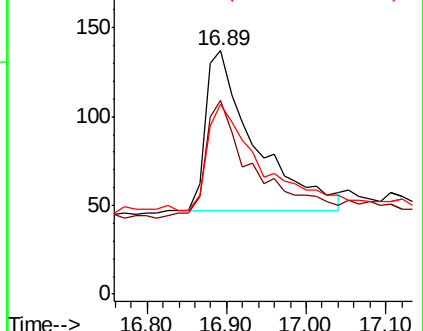
Tgt Ion:	266	Resp:	390
Ion	Ratio	Lower	Upper
266	100		
264	79.6	62.2	93.2
268	78.1	65.5	98.3



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: 0.397 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

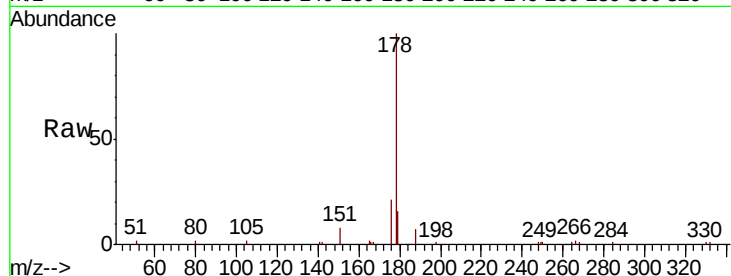
Tgt Ion:178 Resp: 6158

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

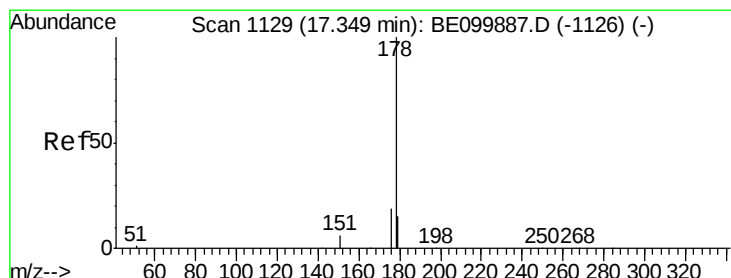
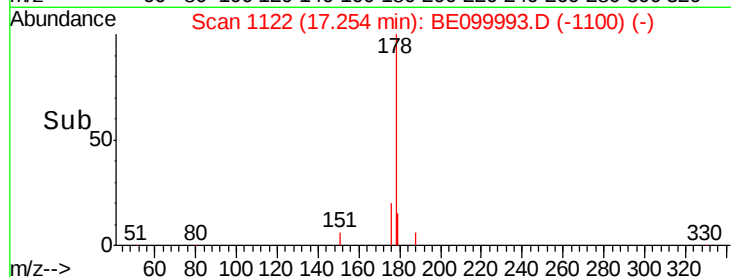
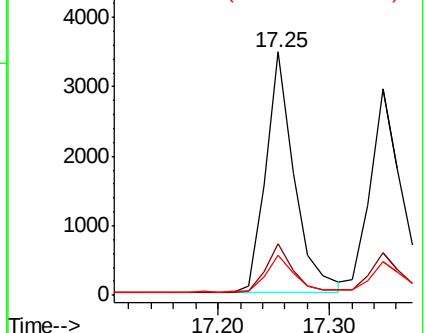
179 15.6 12.4 18.6



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: 0.384 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

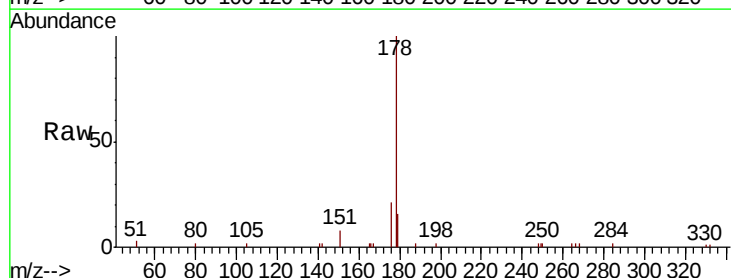
Tgt Ion:178 Resp: 5457

Ion Ratio Lower Upper

178 100

176 18.7 14.6 22.0

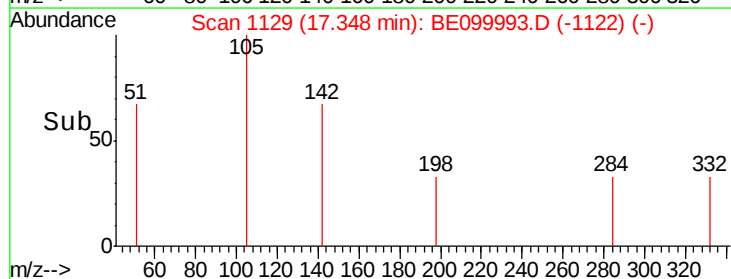
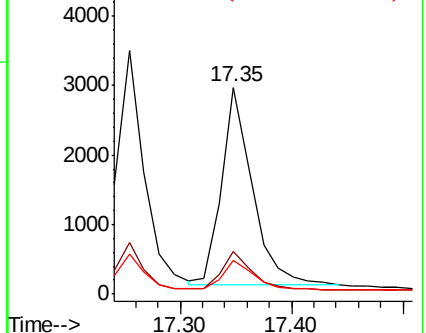
179 14.9 12.3 18.5



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: 0.373 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

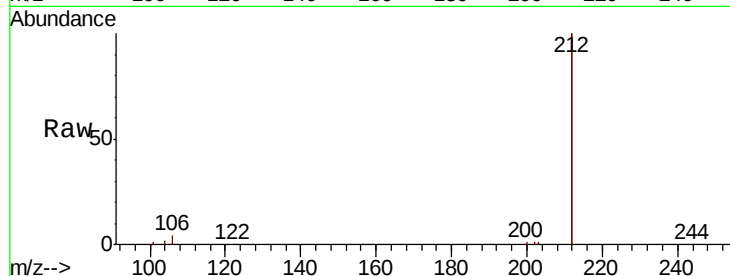
Tgt Ion:212 Resp: 34795

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

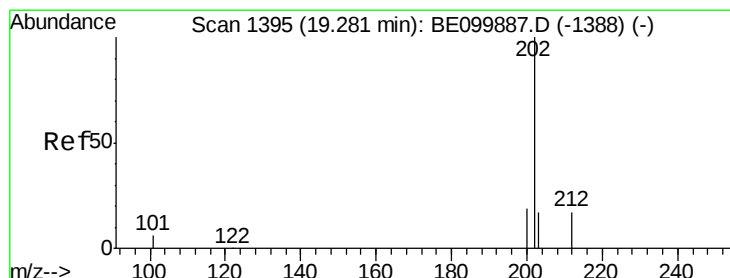
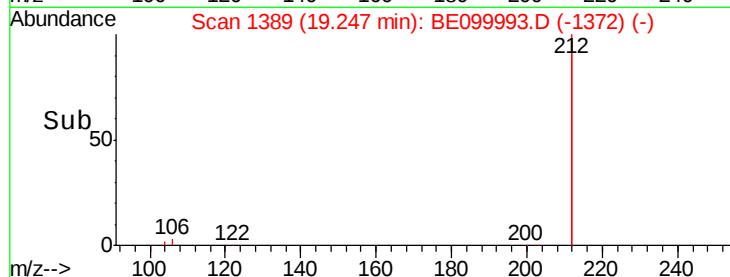
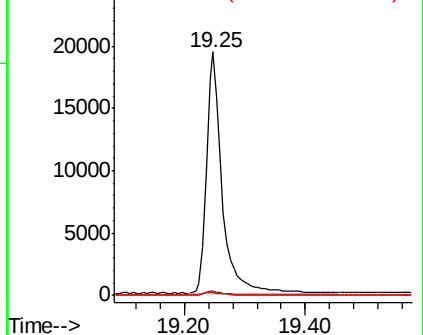
104 1.0 0.9 1.3



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: 0.376 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

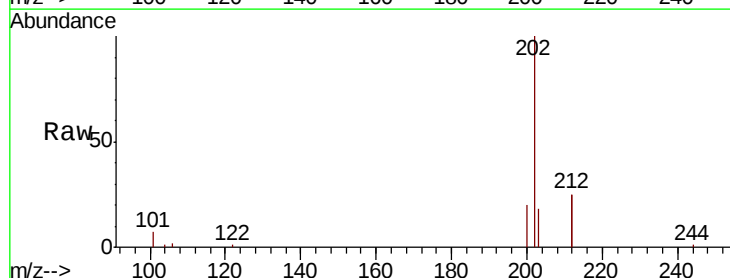
Tgt Ion:202 Resp: 9929

Ion Ratio Lower Upper

202 100

101 6.4 5.4 8.0

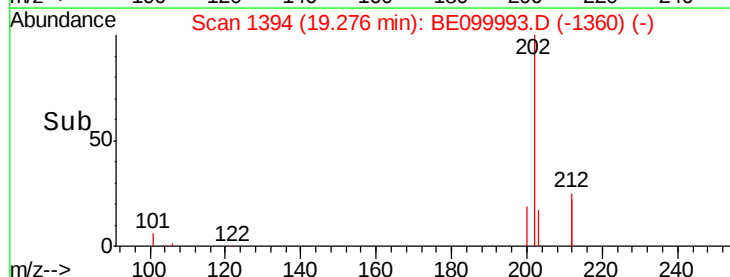
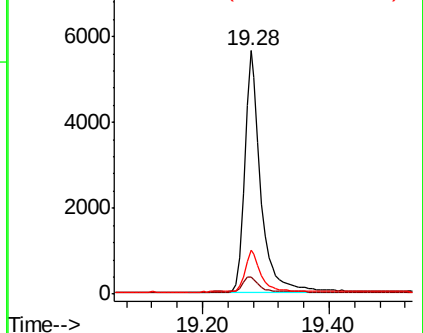
203 16.7 13.2 19.8



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

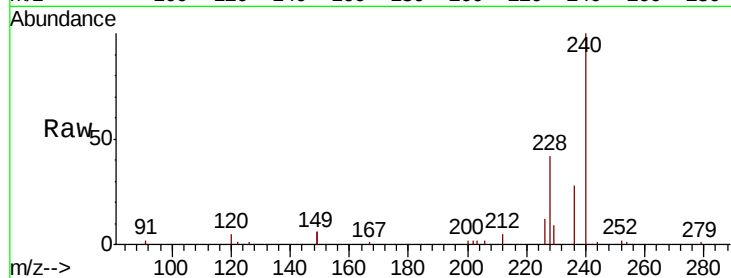




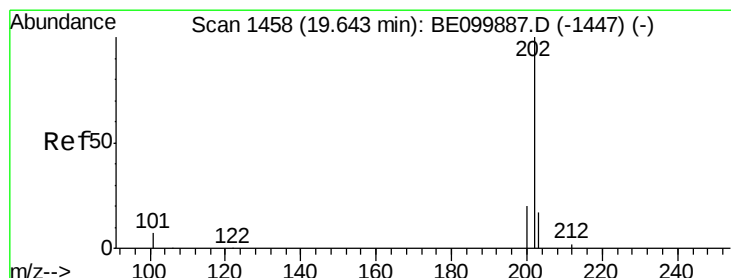
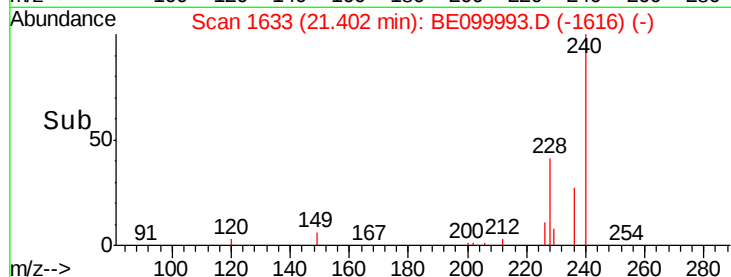
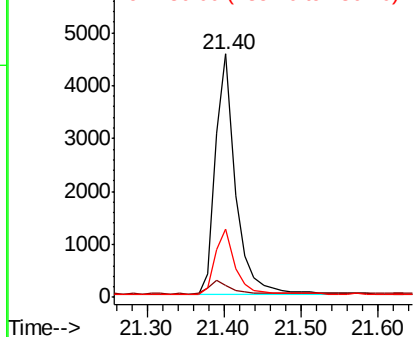
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099993.D
 Acq: 13 Jun 2019 17:10

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:240 Resp: 8366
 Ion Ratio Lower Upper
 240 100
 120 4.7 3.8 5.6
 236 27.8 22.0 33.0

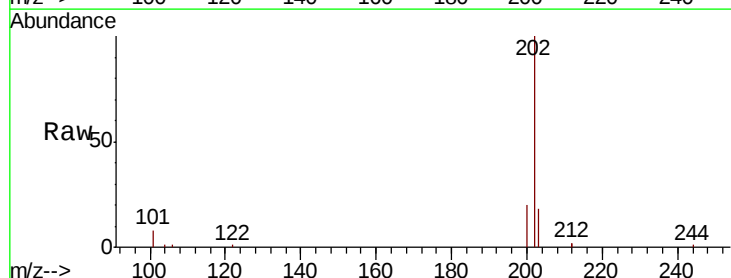


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

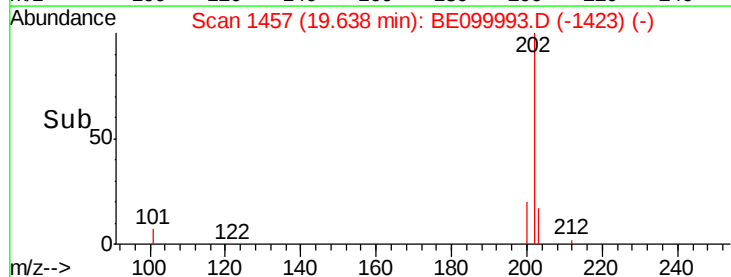
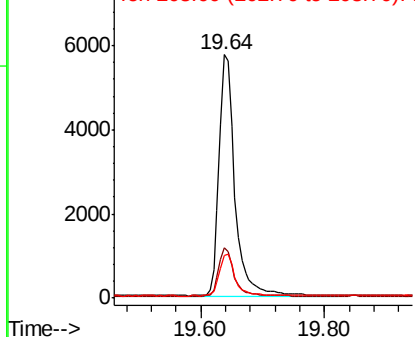


#28
 Pyrene
 Concen: 0.462 ng
 RT: 19.64 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BE099993.D
 Acq: 13 Jun 2019 17:10

Tgt Ion:202 Resp: 10146
 Ion Ratio Lower Upper
 202 100
 200 19.3 15.5 23.3
 203 17.4 14.0 21.0



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





#29

Terphenyl-d14

Concen: 0.439 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

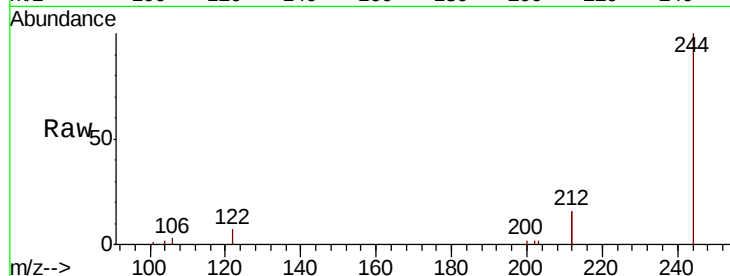
Tgt Ion:244 Resp: 6614

Ion Ratio Lower Upper

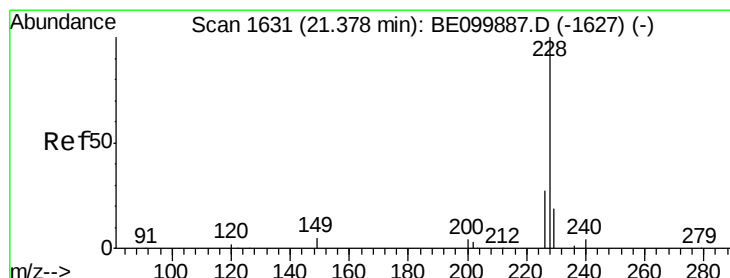
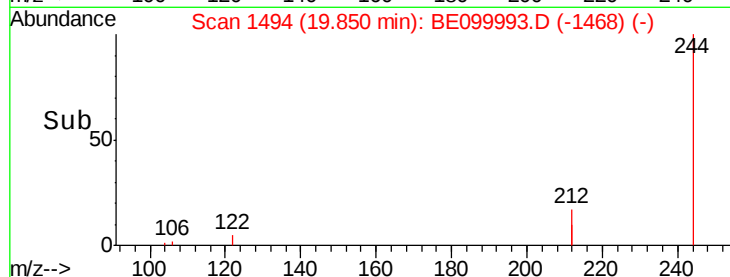
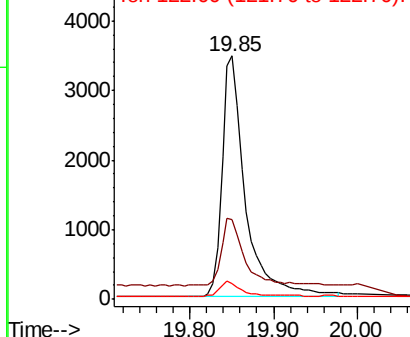
244 100

212 32.6 25.7 38.5

122 6.5 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: 0.443 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

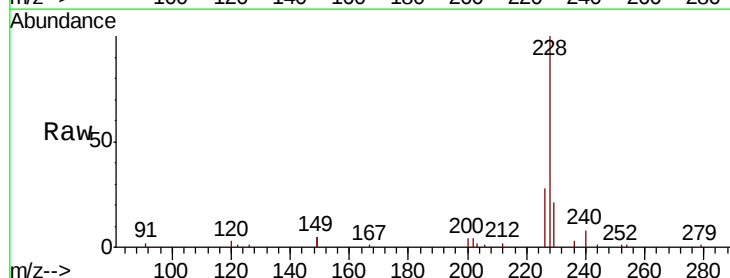
Tgt Ion:228 Resp: 11084

Ion Ratio Lower Upper

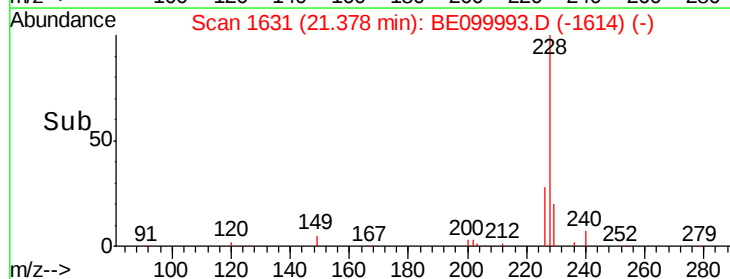
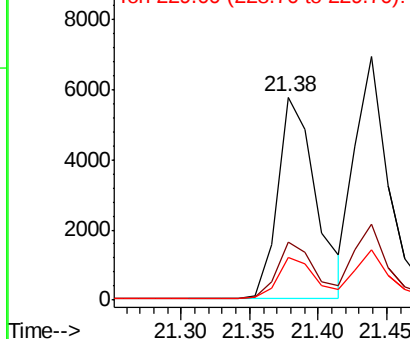
228 100

226 28.4 22.5 33.7

229 20.7 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: 0.447 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

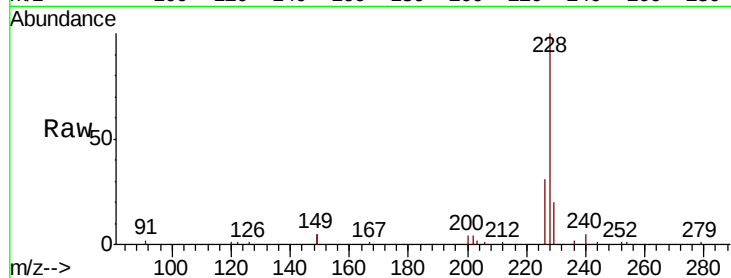
Tgt Ion:228 Resp: 11564

Ion Ratio Lower Upper

228 100

226 30.9 24.1 36.1

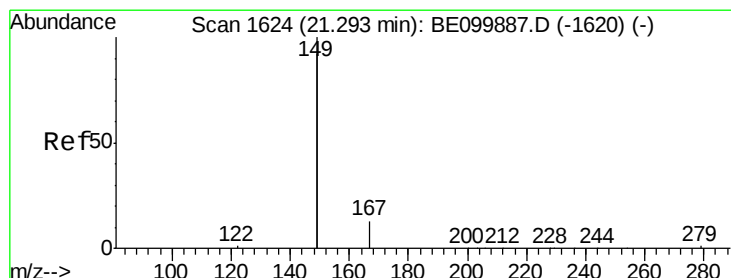
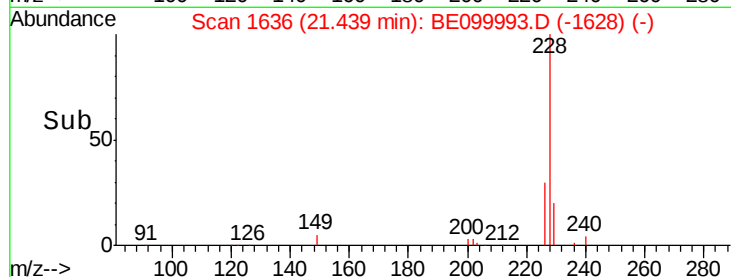
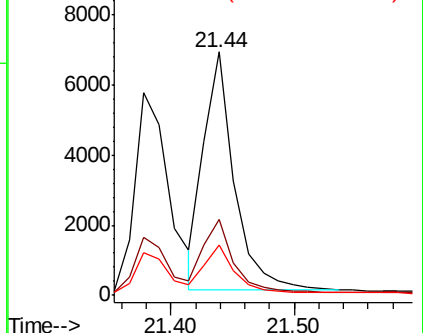
229 20.5 16.1 24.1



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: 0.361 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

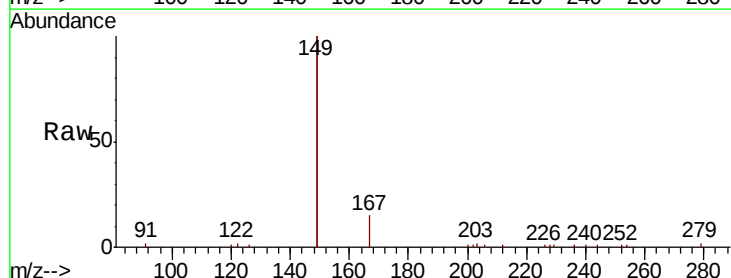
Tgt Ion:149 Resp: 12936

Ion Ratio Lower Upper

149 100

167 7.7 5.9 8.9

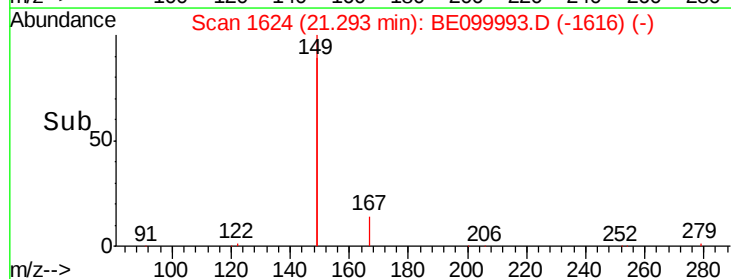
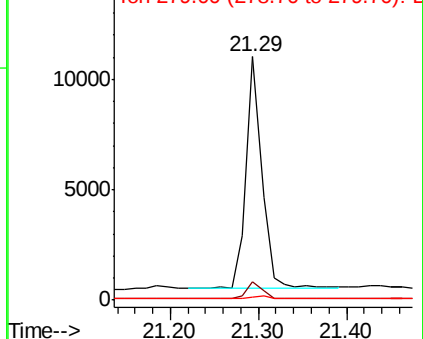
279 1.5 1.2 1.8



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: 0.447 ng

RT: 26.61 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

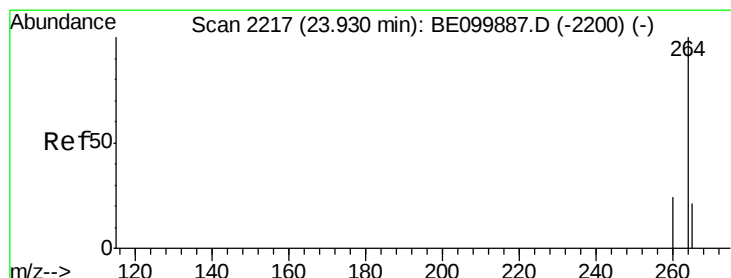
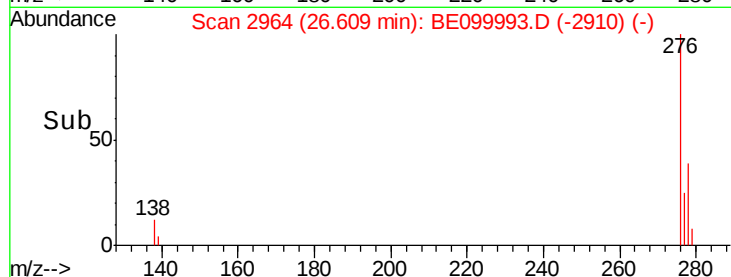
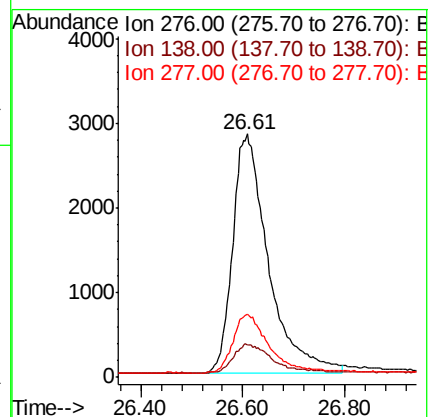
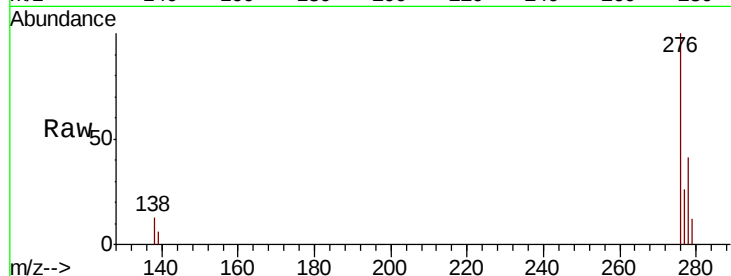
Tgt Ion:276 Resp: 13715

Ion Ratio Lower Upper

276 100

138 12.2 10.1 15.1

277 24.7 19.1 28.7



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

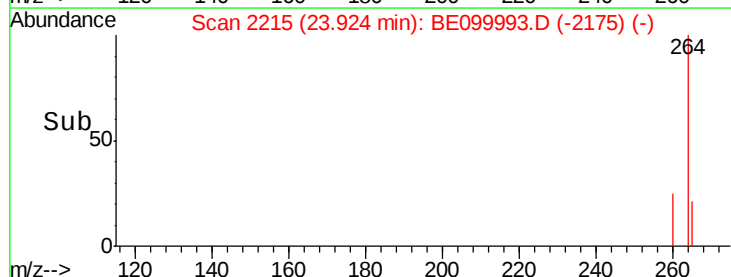
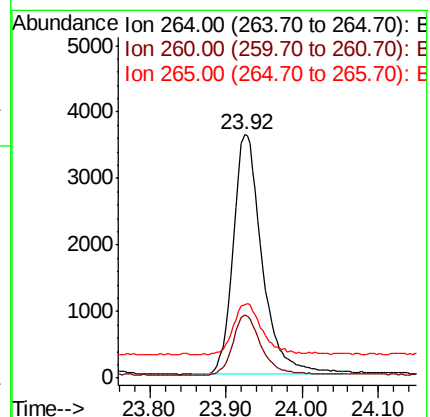
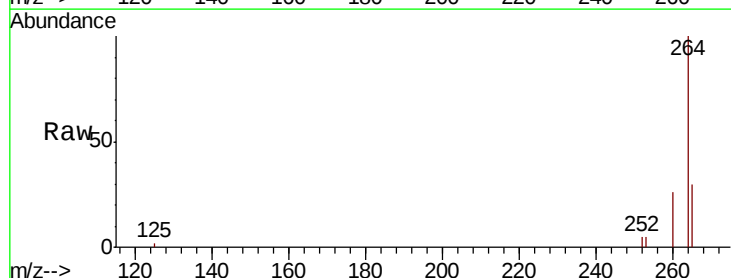
Tgt Ion:264 Resp: 9548

Ion Ratio Lower Upper

264 100

260 26.0 20.2 30.2

265 30.4 22.0 33.0

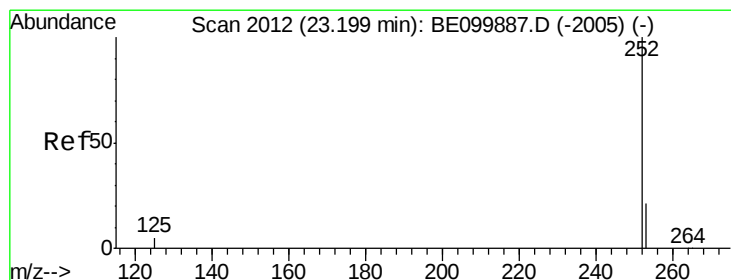
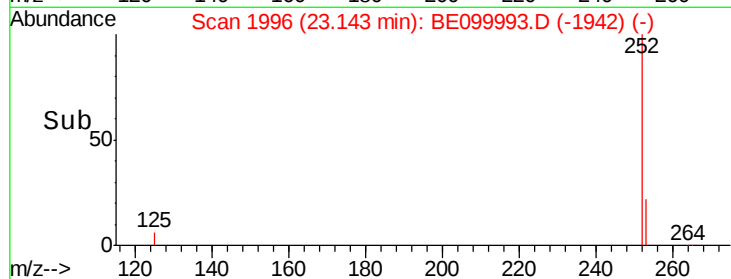
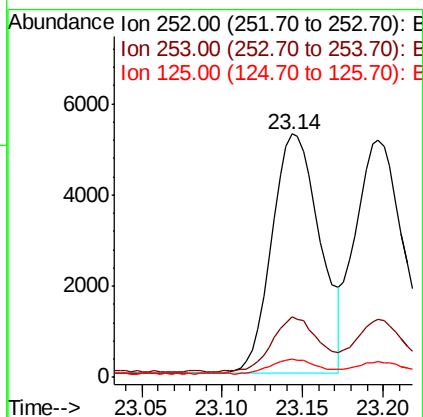
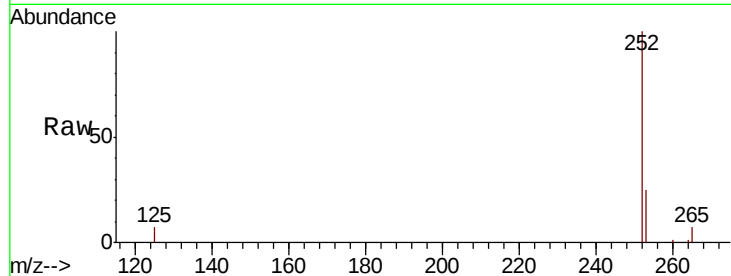




#35
Benzo(b)fluoranthene
Concen: 0.410 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

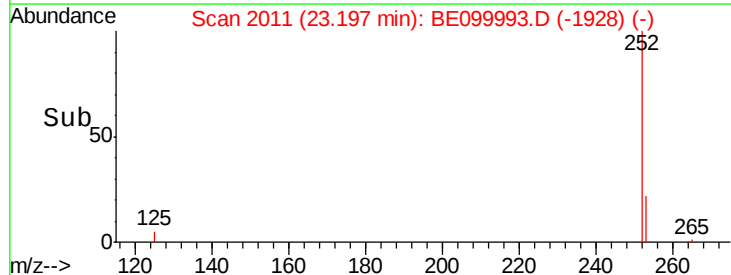
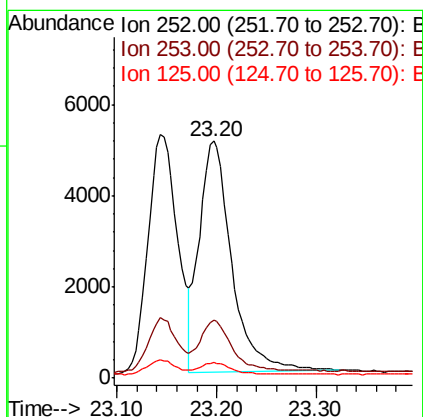
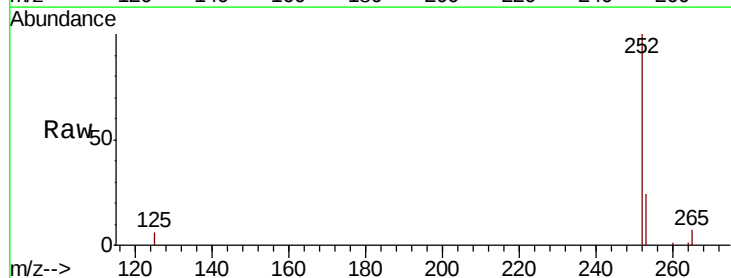
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 10959
Ion Ratio Lower Upper
252 100
253 24.6 18.7 28.1
125 7.3 5.7 8.5



#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 23.20 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE099993.D
Acq: 13 Jun 2019 17:10

Tgt Ion:252 Resp: 11519
Ion Ratio Lower Upper
252 100
253 24.5 18.6 28.0
125 6.5 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.411 ng

RT: 23.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

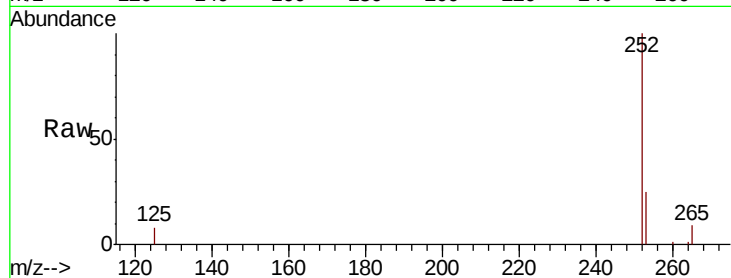
Tgt Ion:252 Resp: 10823

Ion Ratio Lower Upper

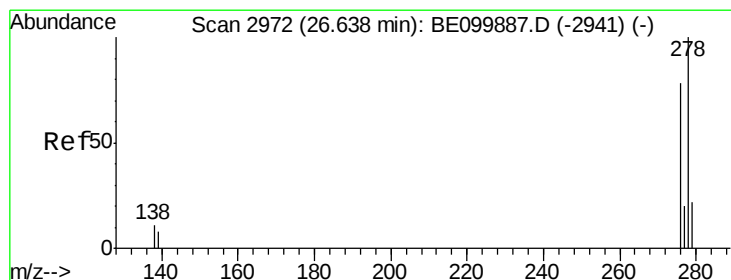
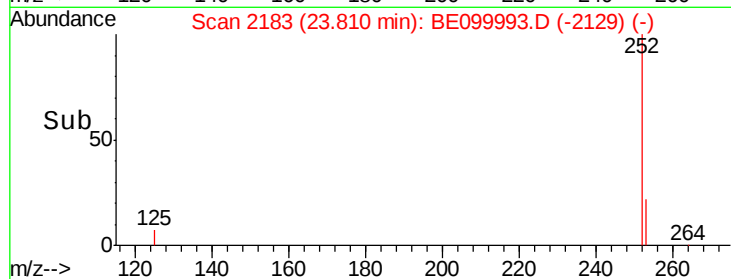
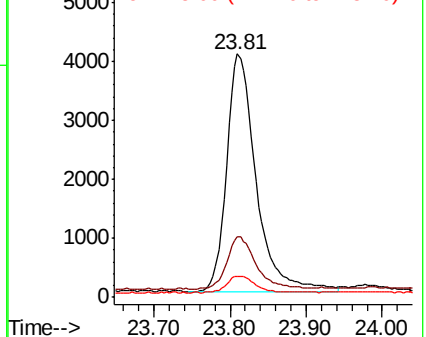
252 100

253 24.9 19.6 29.4

125 8.4 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: 0.407 ng

RT: 26.64 min Scan# 2973

Delta R.T. 0.00 min

Lab File: BE099993.D

Acq: 13 Jun 2019 17:10

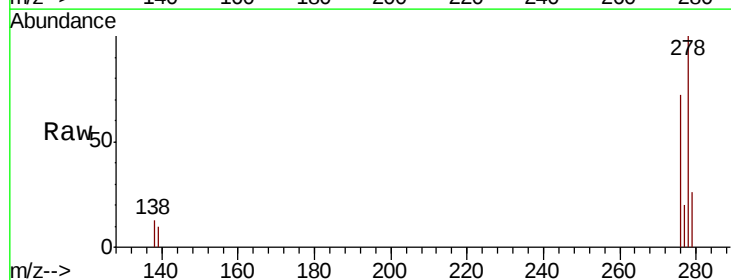
Tgt Ion:278 Resp: 10809

Ion Ratio Lower Upper

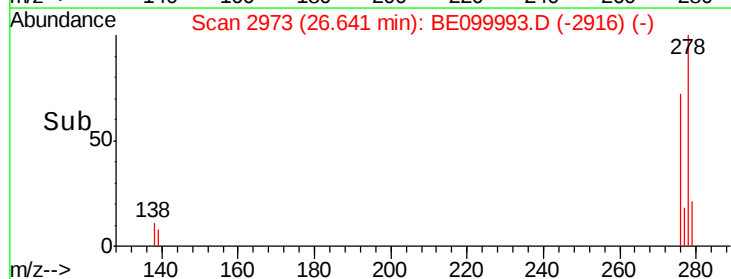
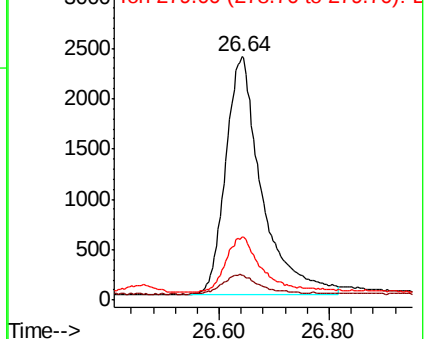
278 100

139 10.2 7.8 11.8

279 26.0 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: 0.421 ng

RT: 27.43 min Scan# 3194

Delta R.T. -0.00 min

Lab File: BE099993.D

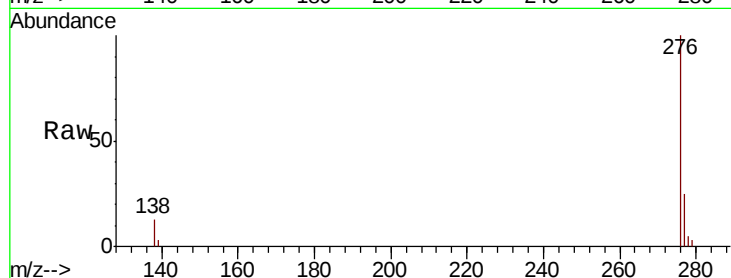
Acq: 13 Jun 2019 17:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



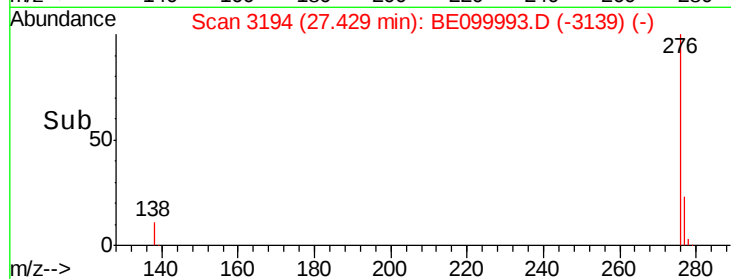
Tgt Ion: 276 Resp: 11545

Ion Ratio Lower Upper

276 100

277 24.8 19.5 29.3

138 13.0 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

