

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061019\
 Data File : BE099911.D
 Acq On : 11 Jun 2019 3:44
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 11 06:01:49 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	827	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3012	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2160	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6882	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9673	0.40	ng	0.00
34) Perylene-d12	23.93	264	11204	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	757	0.34	ng	0.00
5) Phenol-d6	6.96	99	1059	0.37	ng	0.00
8) Nitrobenzene-d5	8.96	82	1108	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2056	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	500	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3264	0.40	ng	0.00
25) Fluoranthene-d10	19.25	212	35860	0.36	ng	0.00
29) Terphenyl-d14	19.85	244	7073	0.41	ng	0.00

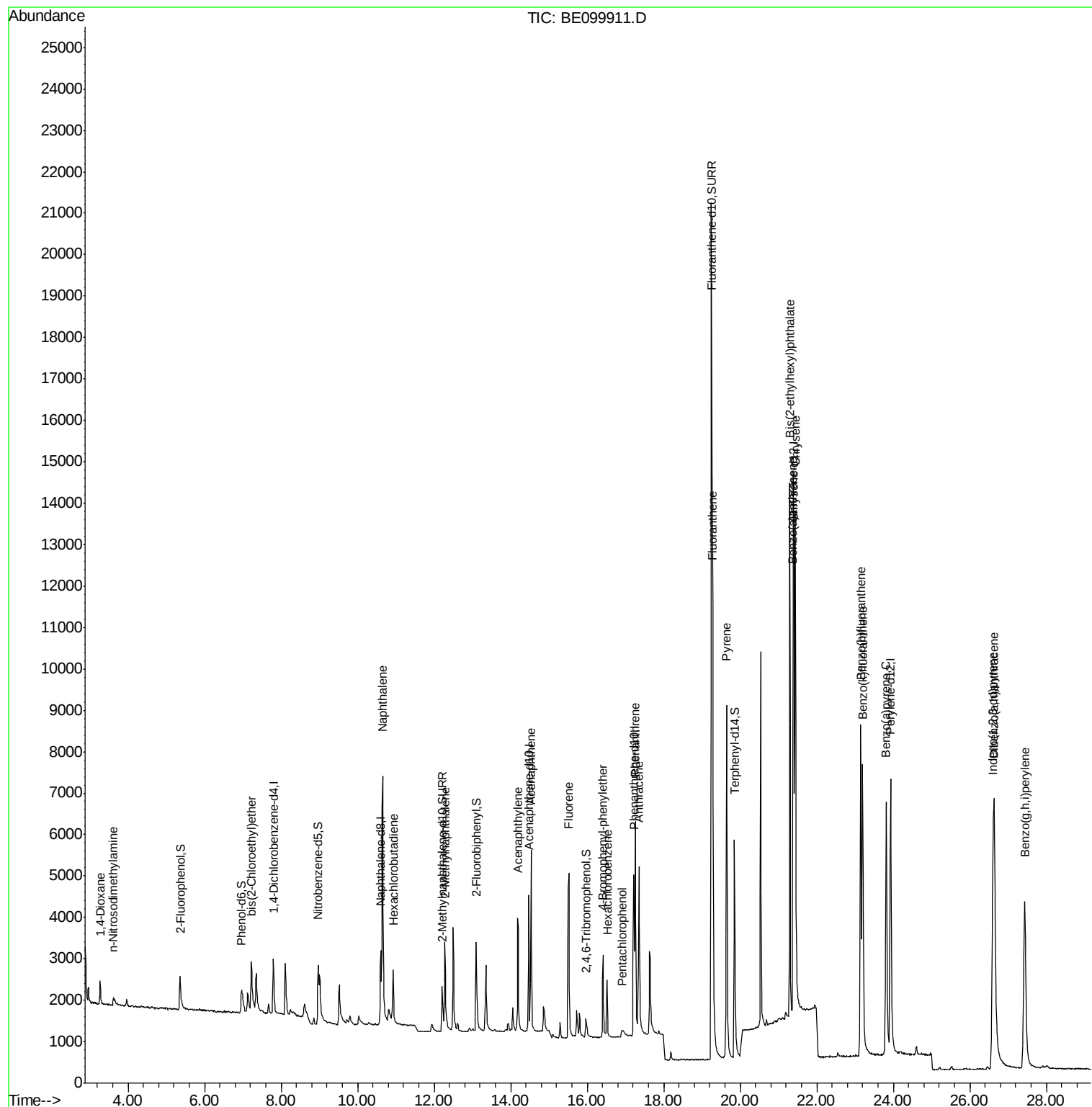
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	495	0.404	ng	94
3) n-Nitrosodimethylamine	3.61	42	166	0.235	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	940	0.400	ng	79
9) Naphthalene	10.65	128	13146	0.404	ng	99
10) Hexachlorobutadiene	10.93	225	1045	0.421	ng	98
12) 2-Methylnaphthalene	12.28	142	2053	0.389	ng	98
16) Acenaphthylene	14.18	152	4151	0.386	ng	98
17) Acenaphthene	14.53	154	2255	0.385	ng	99
18) Fluorene	15.51	166	3293	0.375	ng	98
20) 4-Bromophenyl-phenylether	16.41	248	1517	0.389	ng	97
21) Hexachlorobenzene	16.52	284	1537	0.386	ng	97
22) Pentachlorophenol	16.91	266	346	0.480	ng	95
23) Phenanthrene	17.26	178	6308	0.378	ng	99
24) Anthracene	17.35	178	5289	0.345	ng	98
26) Fluoranthene	19.28	202	10195	0.359	ng	98
28) Pyrene	19.65	202	10633	0.418	ng	100
30) Benzo(a)anthracene	21.38	228	11989	0.415	ng	99
31) Chrysene	21.44	228	12801	0.428	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	15363	0.370	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	15115	0.426	ng	99
35) Benzo(b)fluoranthene	23.15	252	12460	0.397	ng	99
36) Benzo(k)fluoranthene	23.20	252	12965	0.395	ng	100
37) Benzo(a)pyrene	23.81	252	12145	0.393	ng	# 98
38) Dibenzo(a,h)anthracene	26.64	278	11932	0.383	ng	99
39) Benzo(g,h,i)perylene	27.43	276	12786	0.397	ng	98

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

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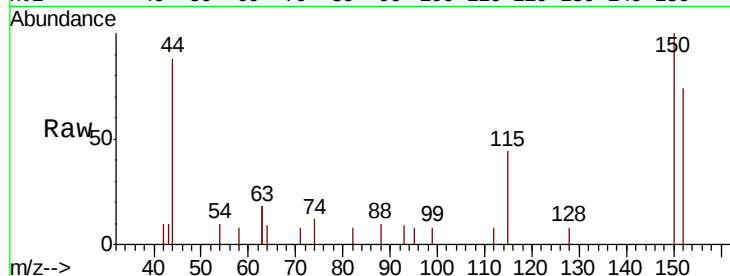


#1

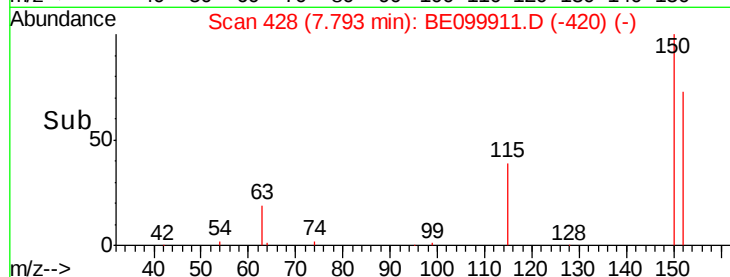
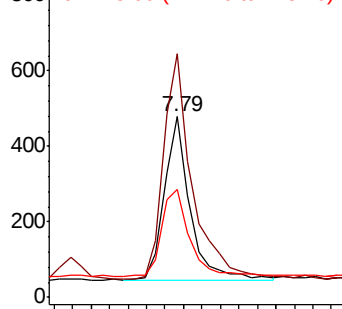
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099911.D
Acq: 11 Jun 2019 3:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 827
Ion Ratio Lower Upper
152 100
150 134.7 111.0 166.6
115 59.5 50.7 76.1



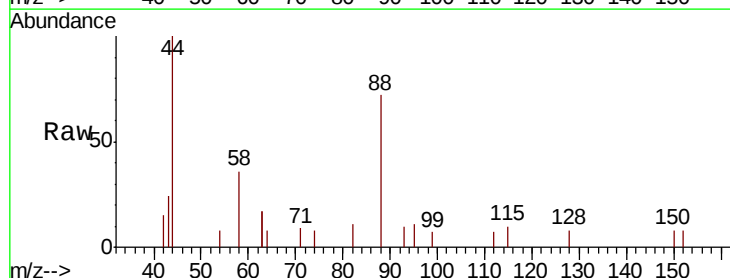
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



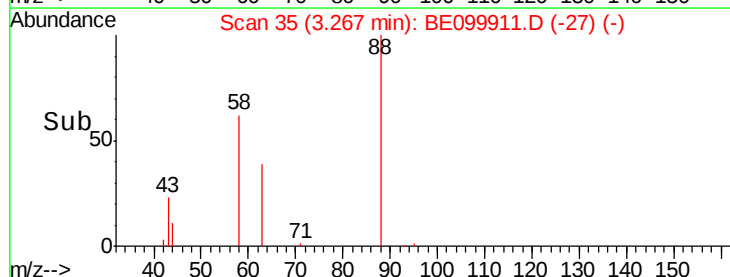
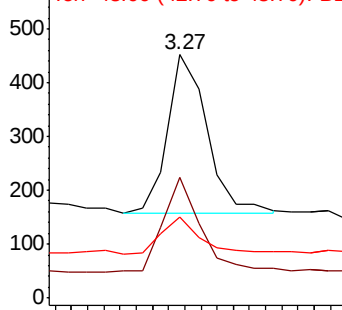
#2

1,4-Dioxane
Concen: 0.404 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099911.D
Acq: 11 Jun 2019 3:44

Tgt Ion: 88 Resp: 495
Ion Ratio Lower Upper
88 100
58 54.9 48.8 73.2
43 23.0 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: 0.235 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

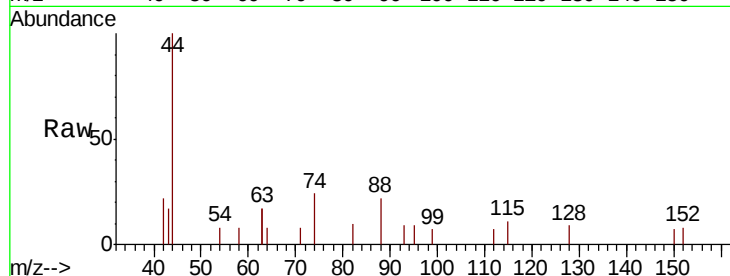
Tgt Ion: 42 Resp: 166

Ion Ratio Lower Upper

42 100

74 189.2 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

800

600

400

200

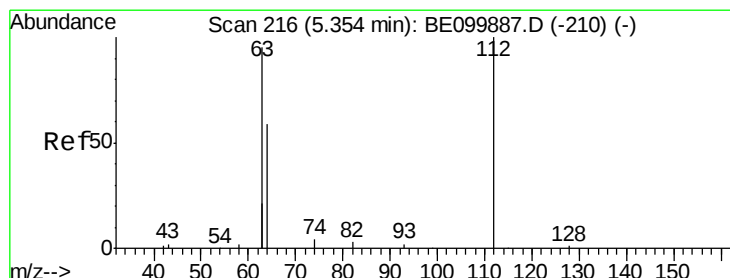
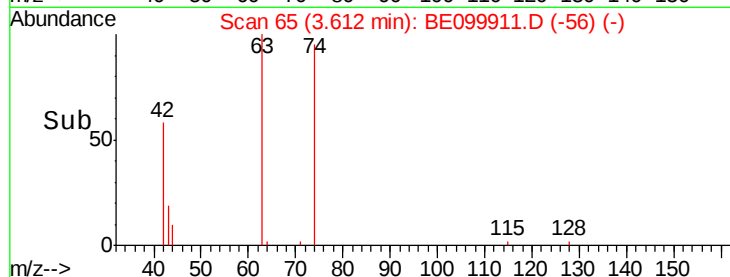
0

3.55

3.60

3.65

Time-->



#4

2-Fluorophenol

Concen: 0.339 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

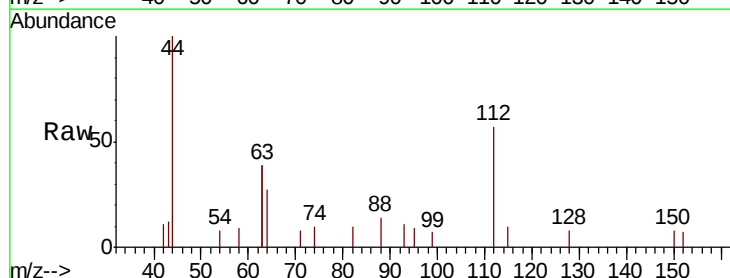
Tgt Ion: 112 Resp: 757

Ion Ratio Lower Upper

112 100

64 61.0 44.1 66.1

63 130.8 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

800

600

400

200

0

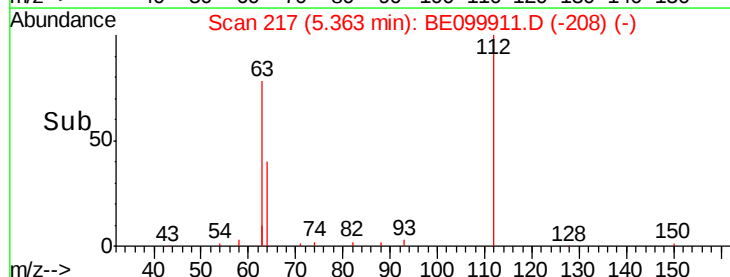
5.30

5.36

5.40

5.50

Time-->





#5

Phenol-d6

Concen: 0.368 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

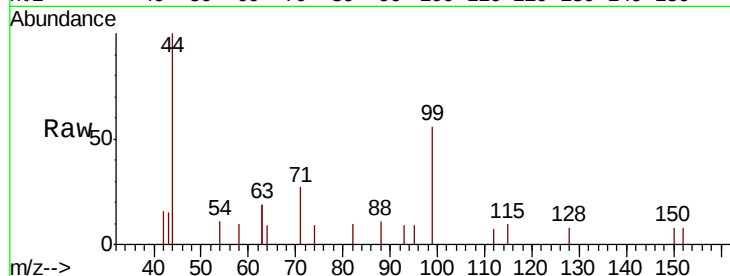
Tgt Ion: 99 Resp: 1059

Ion Ratio Lower Upper

99 100

42 12.6 15.9 23.9#

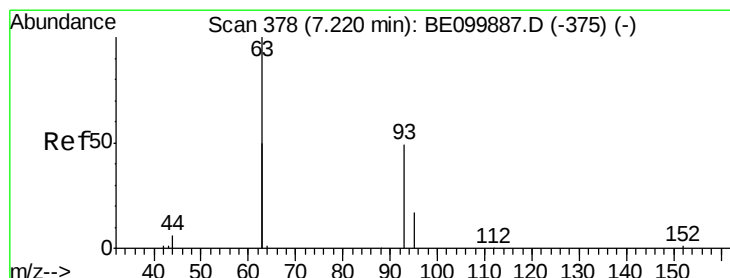
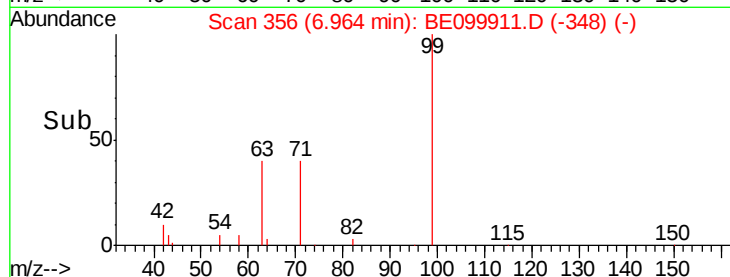
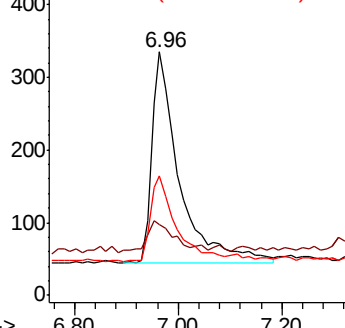
71 37.5 34.6 52.0



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: 0.400 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

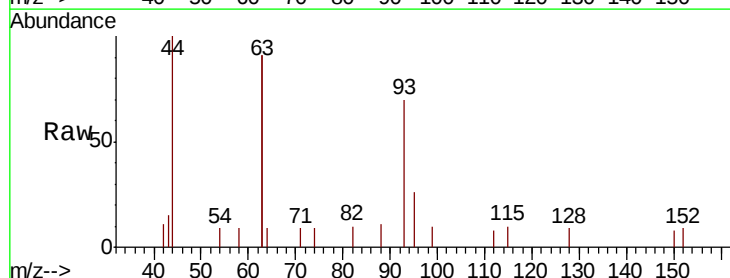
Tgt Ion: 93 Resp: 940

Ion Ratio Lower Upper

93 100

63 212.1 202.8 304.2

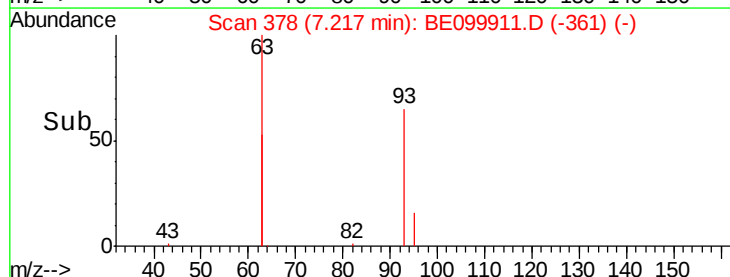
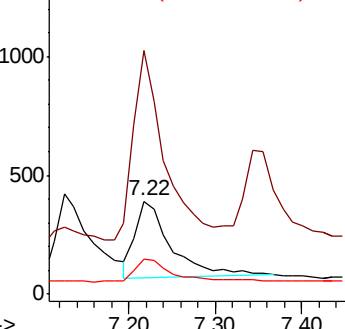
95 31.4 23.7 35.5



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: BE099911.D

Acq: 11 Jun 2019 3:44

Instrument :

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SSTDCCC0.4EC

Tgt Ion: 136 Resp: 3012

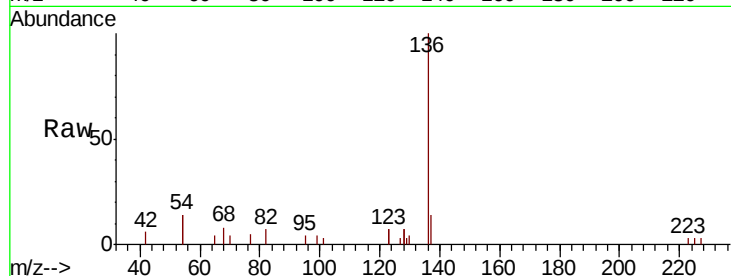
Ion Ratio Lower Upper

136 100

137 14.1 12.3 18.5

54 28.7 28.2 42.4

68 7.9 7.8 11.8

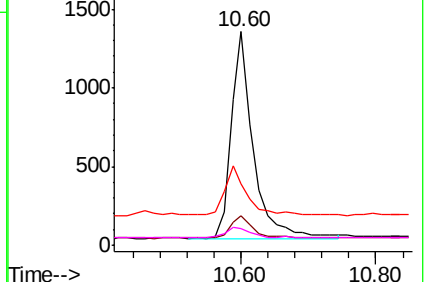
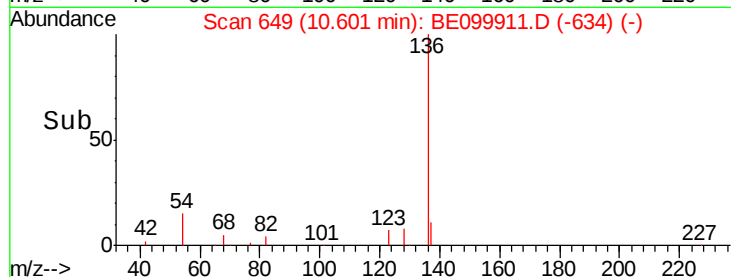


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.389 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

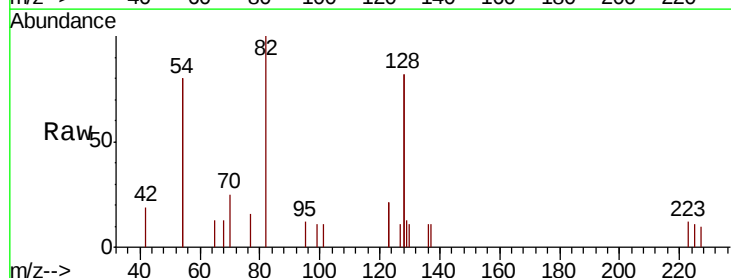
Tgt Ion: 82 Resp: 1108

Ion Ratio Lower Upper

82 100

128 163.7 137.3 205.9

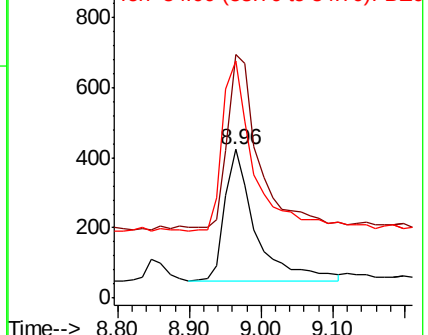
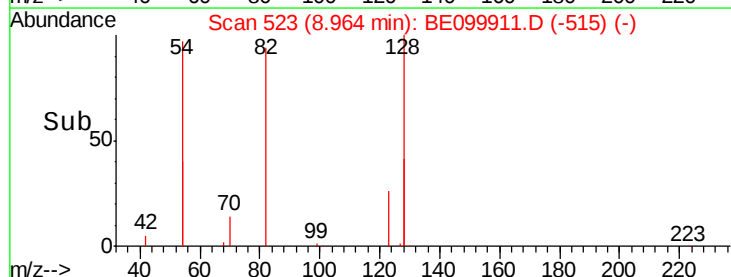
54 159.4 129.7 194.5

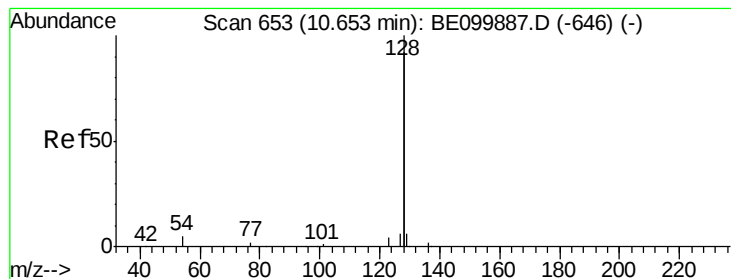


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.404 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

Instrument :

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ClientSampleId :

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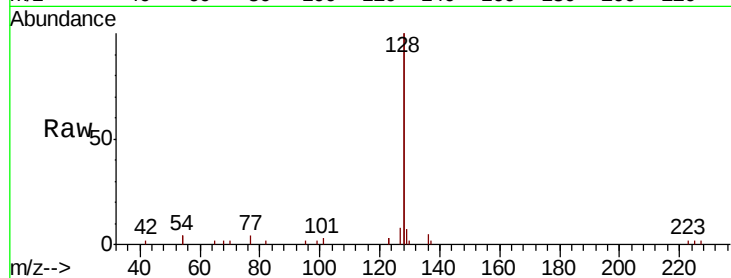
Tgt Ion:128 Resp: 13146

Ion Ratio Lower Upper

128 100

129 3.6 3.0 4.6

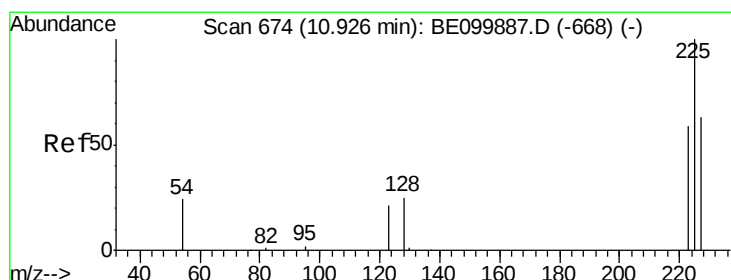
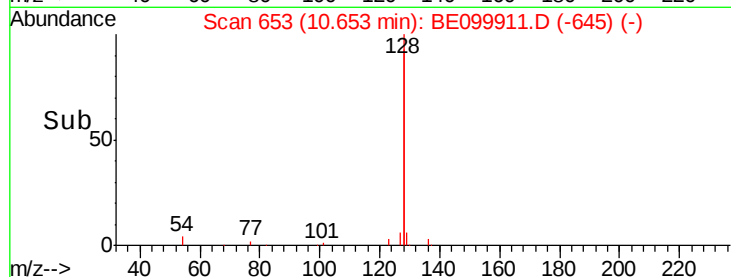
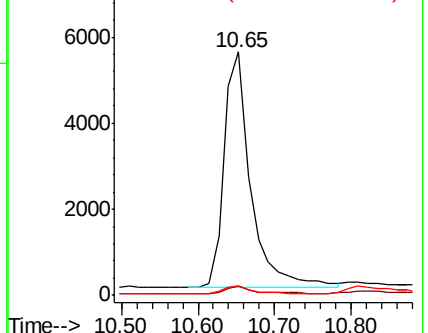
127 3.9 3.4 5.0



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: 0.421 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

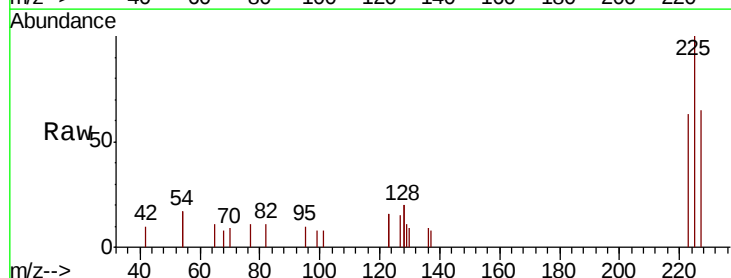
Tgt Ion:225 Resp: 1045

Ion Ratio Lower Upper

225 100

223 62.1 51.6 77.4

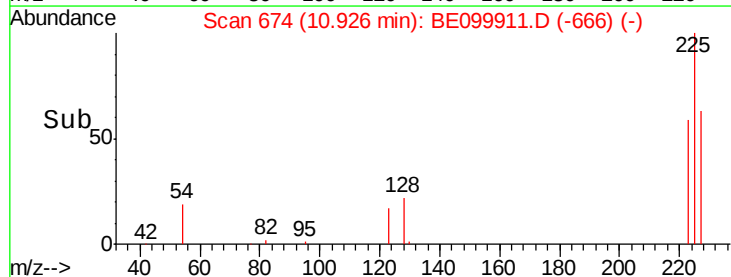
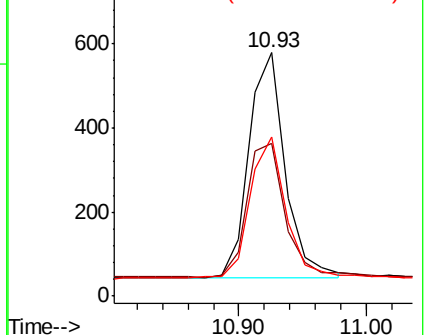
227 62.0 50.6 76.0



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: 0.391 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

Instrument :

BNA_E

ClientSampleId :

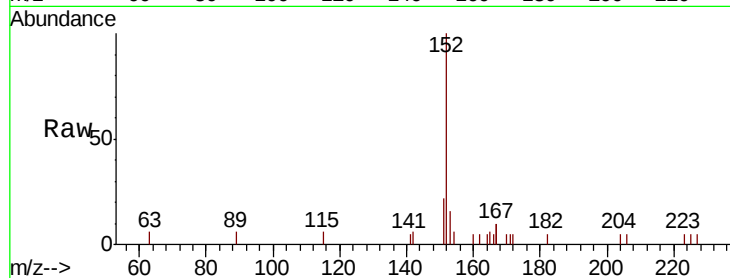
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2056

Ion Ratio Lower Upper

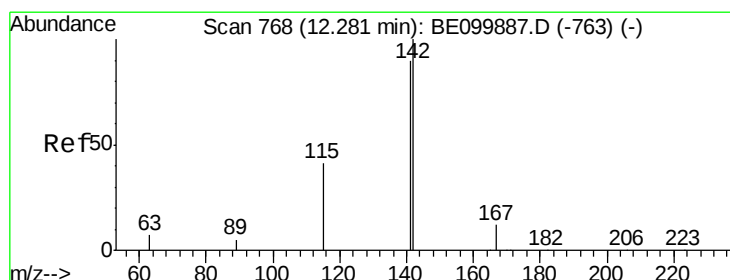
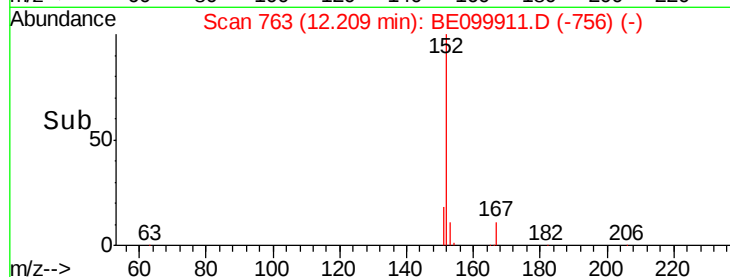
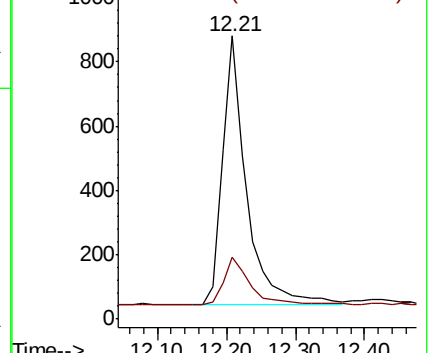
152 100

151 20.2 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: 0.389 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

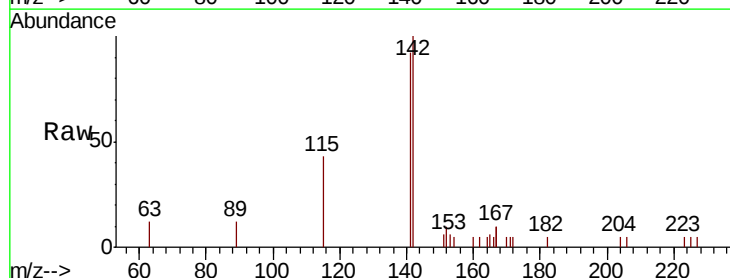
Tgt Ion:142 Resp: 2053

Ion Ratio Lower Upper

142 100

141 91.6 72.3 108.5

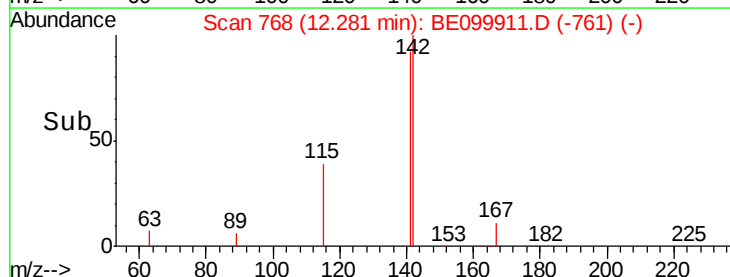
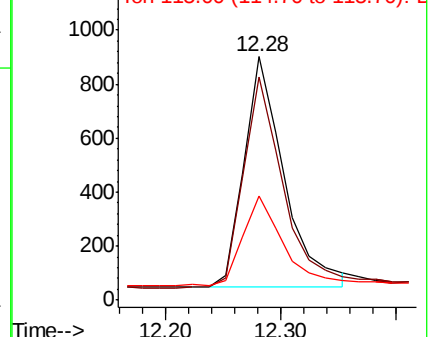
115 43.0 36.4 54.6

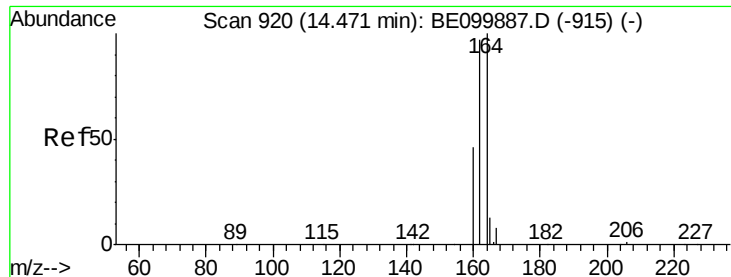


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

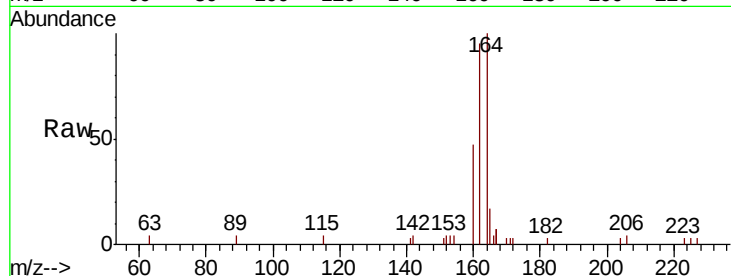




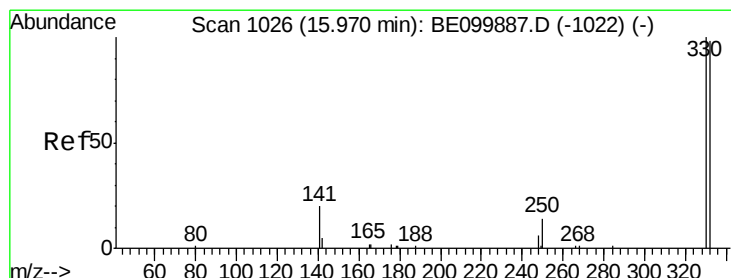
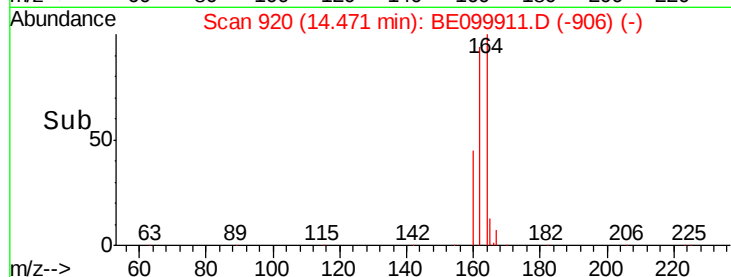
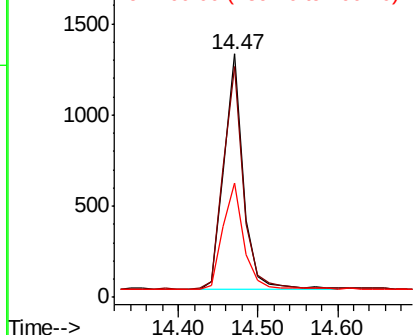
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099911.D
Acq: 11 Jun 2019 3:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2160
Ion Ratio Lower Upper
164 100
162 94.5 77.8 116.8
160 47.0 38.2 57.4

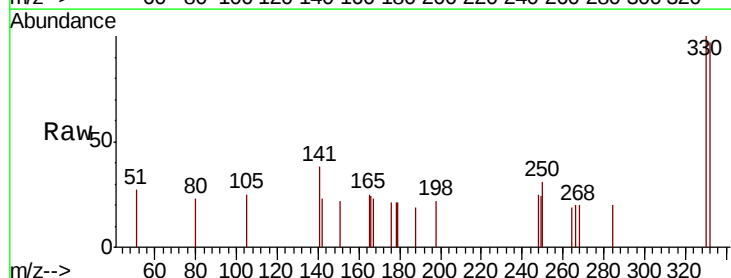


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

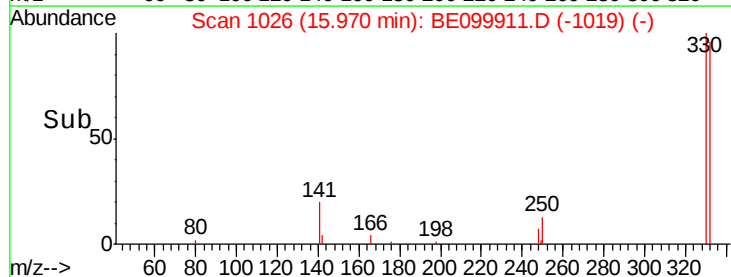
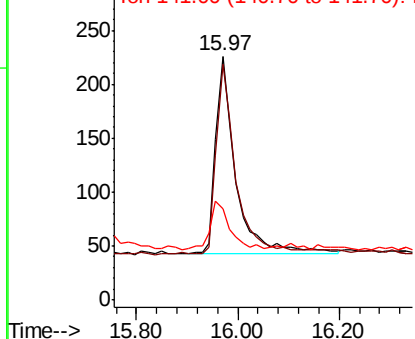


#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE099911.D
Acq: 11 Jun 2019 3:44

Tgt Ion:330 Resp: 500
Ion Ratio Lower Upper
330 100
332 93.4 76.7 115.1
141 21.6 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

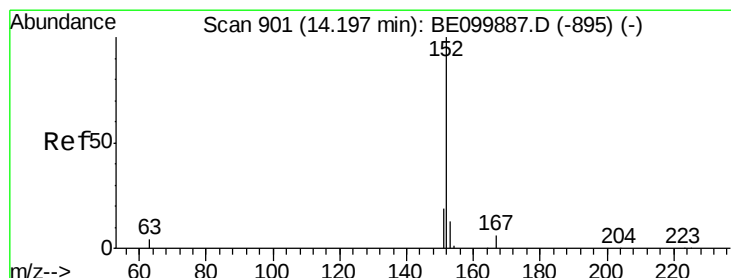
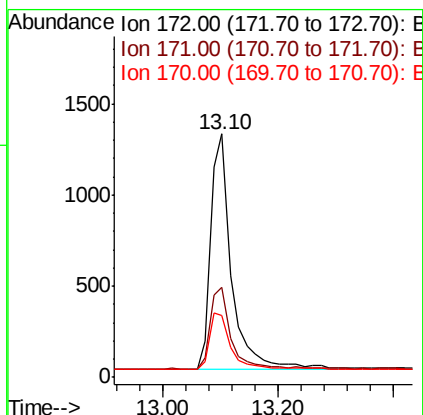
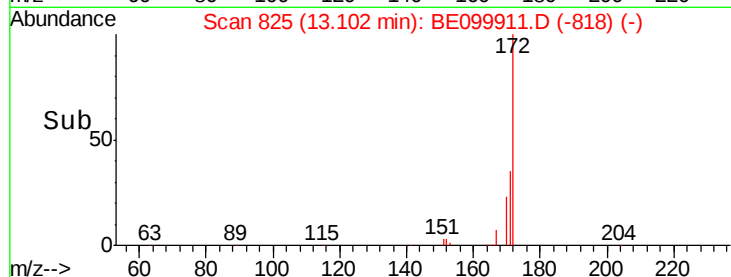
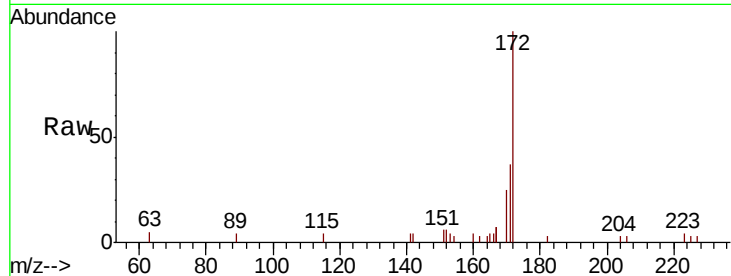




#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099911.D
Acq: 11 Jun 2019 3:44

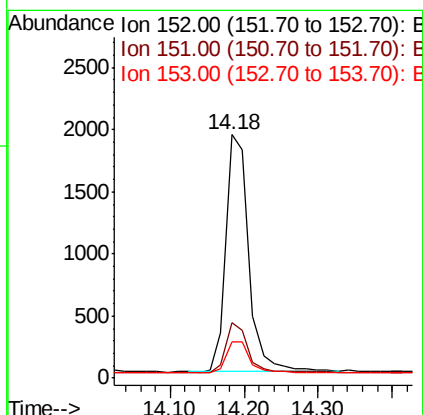
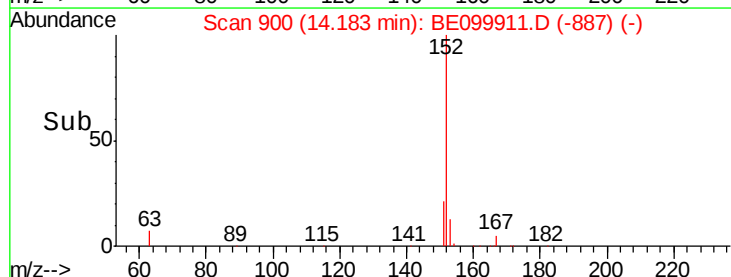
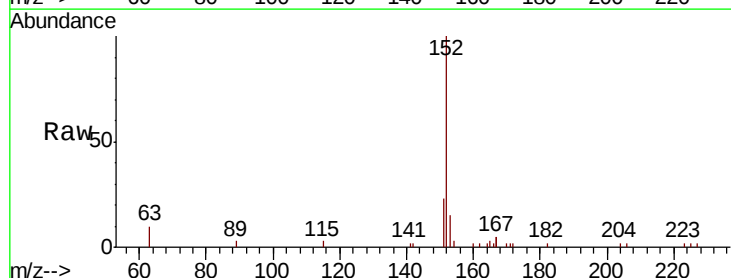
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 3264
Ion Ratio Lower Upper
172 100
171 36.9 29.2 43.8
170 25.4 21.2 31.8



#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099911.D
Acq: 11 Jun 2019 3:44

Tgt Ion:152 Resp: 4151
Ion Ratio Lower Upper
152 100
151 20.5 15.5 23.3
153 13.3 10.2 15.2

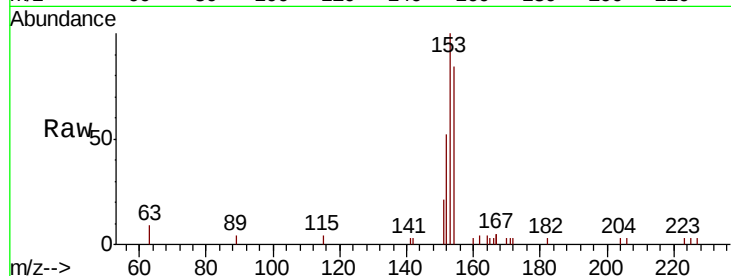




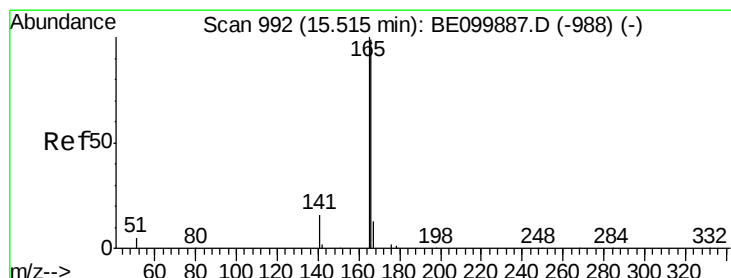
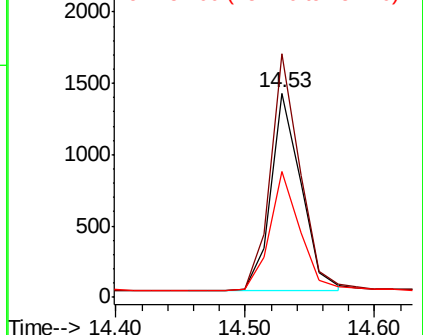
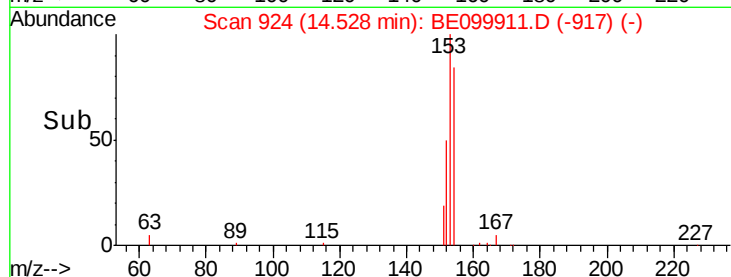
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099911.D
Acq: 11 Jun 2019 3:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 2255
Ion Ratio Lower Upper
154 100
153 117.5 93.1 139.7
152 60.3 47.0 70.4

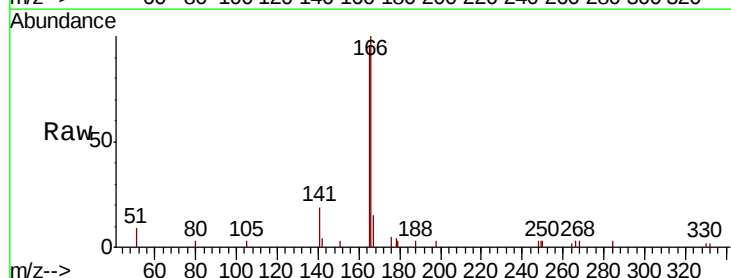


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

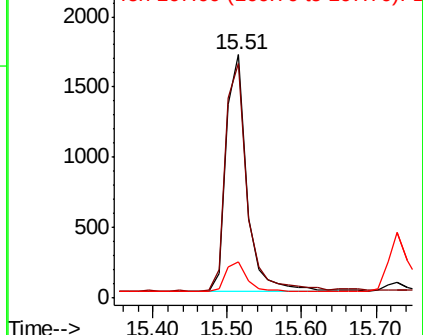
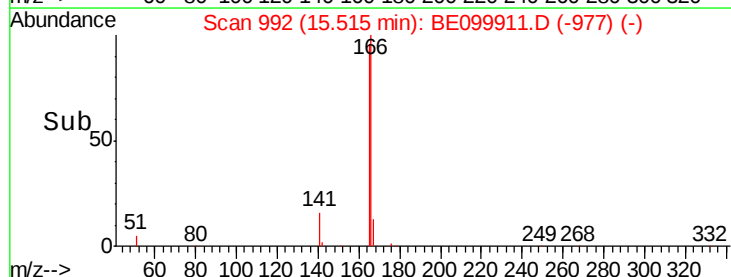


#18
Fluorene
Concen: 0.375 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099911.D
Acq: 11 Jun 2019 3:44

Tgt Ion:166 Resp: 3293
Ion Ratio Lower Upper
166 100
165 100.2 81.8 122.8
167 13.5 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: BE099911.D

Acq: 11 Jun 2019 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

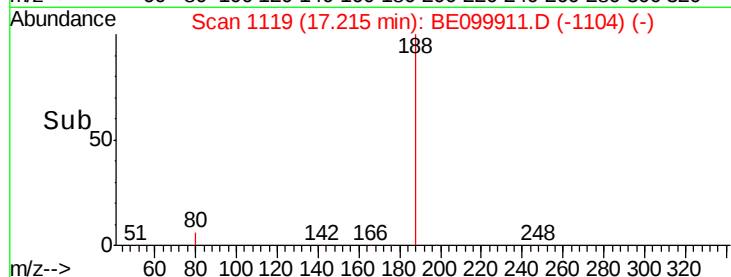
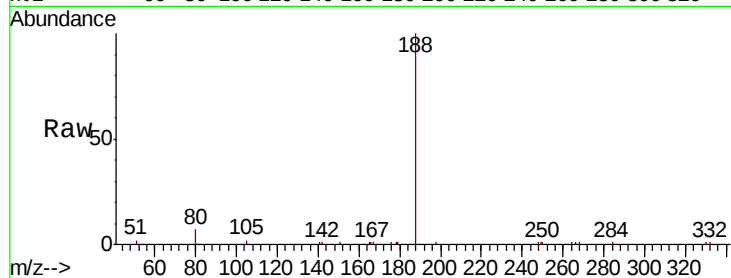
Tgt Ion:188 Resp: 6882

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

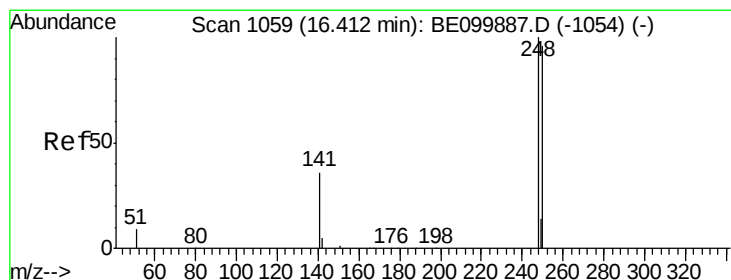
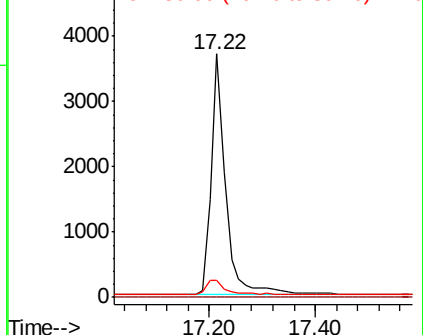
80 6.9 6.4 9.6



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: 0.389 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

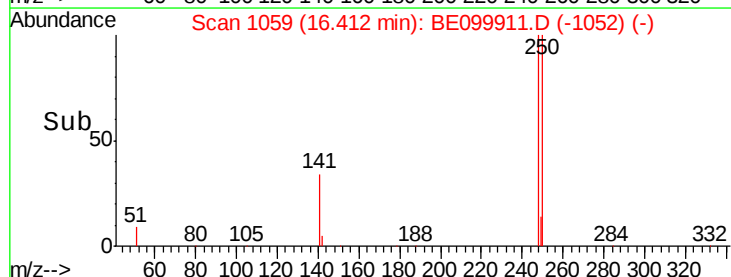
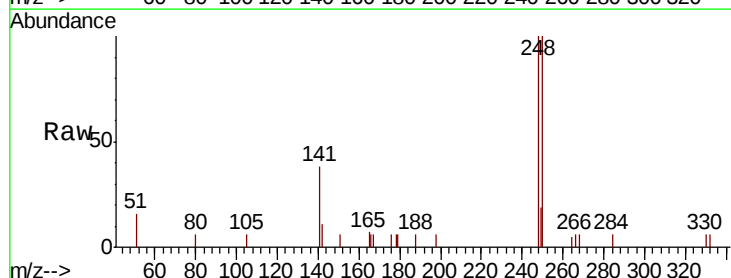
Tgt Ion:248 Resp: 1517

Ion Ratio Lower Upper

248 100

250 100.0 77.5 116.3

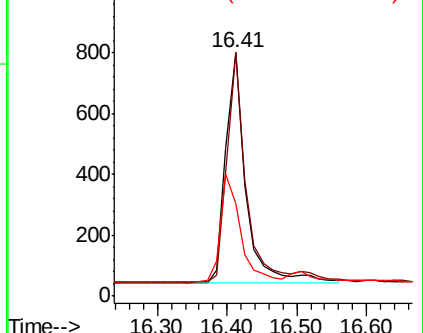
141 38.0 31.8 47.8

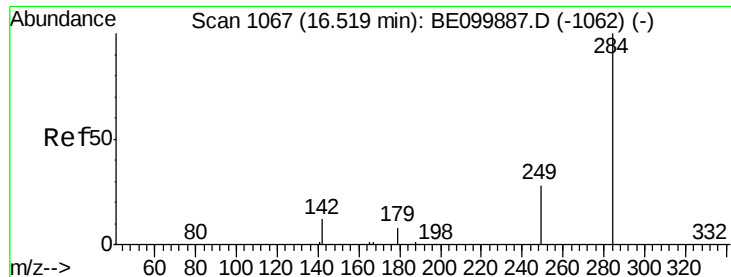


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.386 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

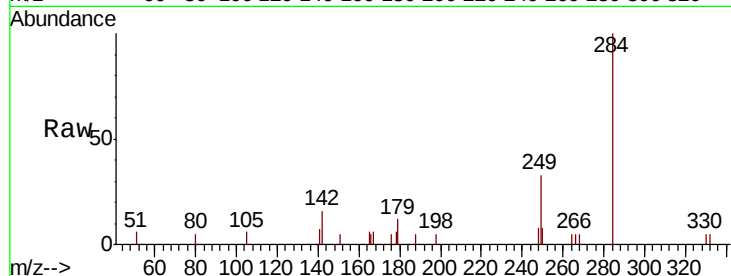
Tgt Ion:284 Resp: 1537

Ion Ratio Lower Upper

284 100

142 24.7 18.2 27.4

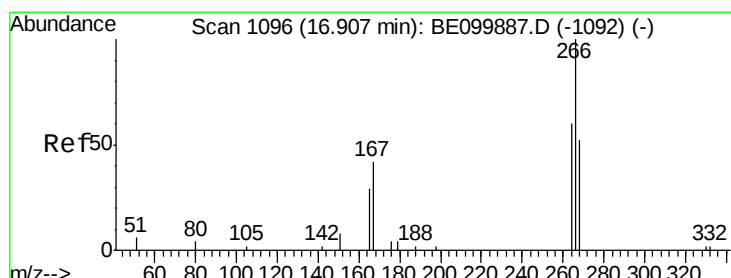
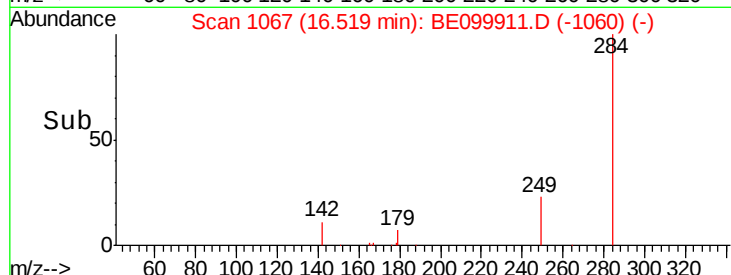
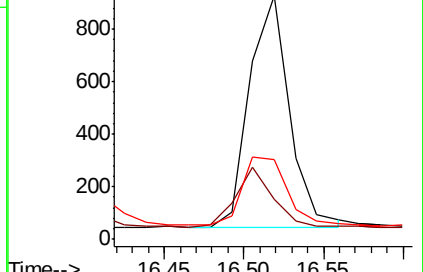
249 31.9 24.6 37.0



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: 0.480 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

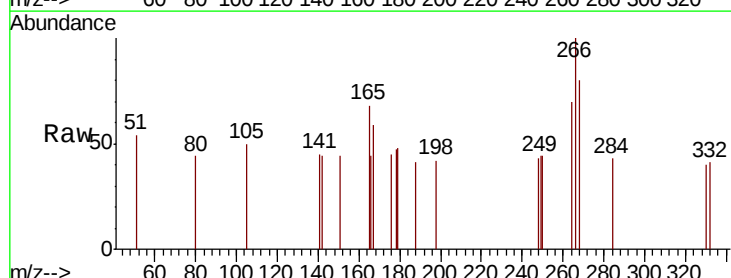
Tgt Ion:266 Resp: 346

Ion Ratio Lower Upper

266 100

264 70.4 62.2 93.2

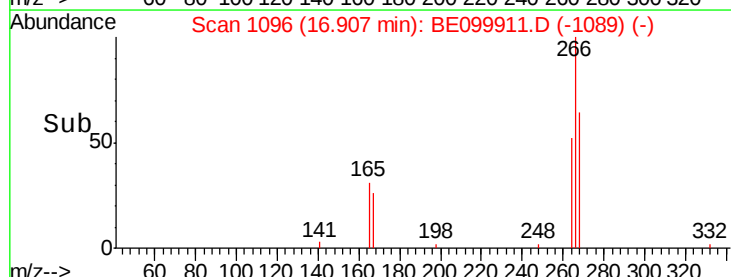
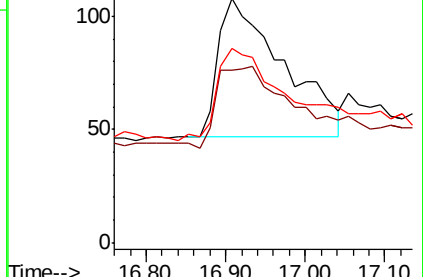
268 79.6 65.5 98.3



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

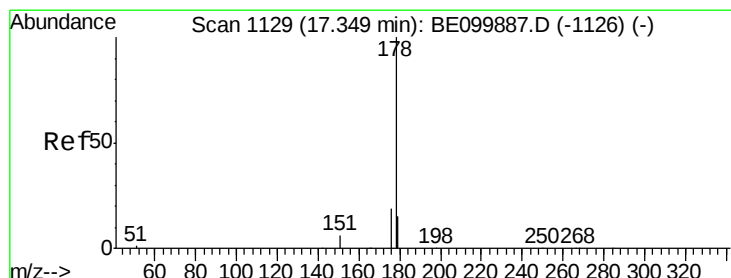
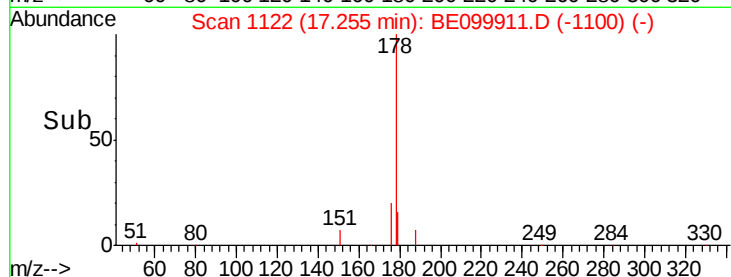
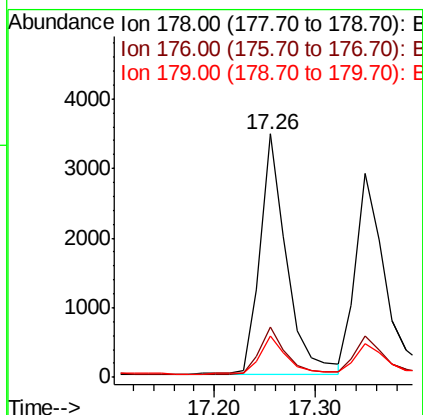
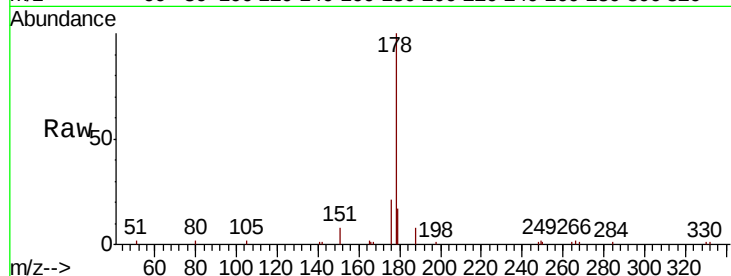




#23
Phenanthrene
Concen: 0.378 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099911.D
Acq: 11 Jun 2019 3:44

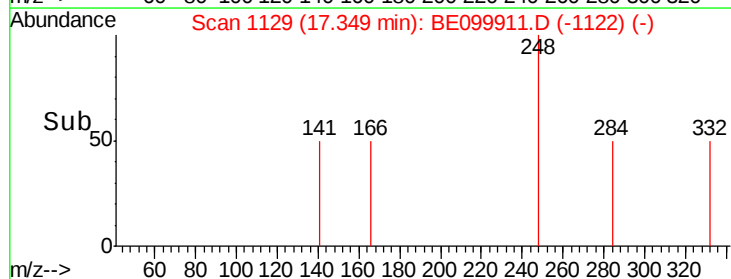
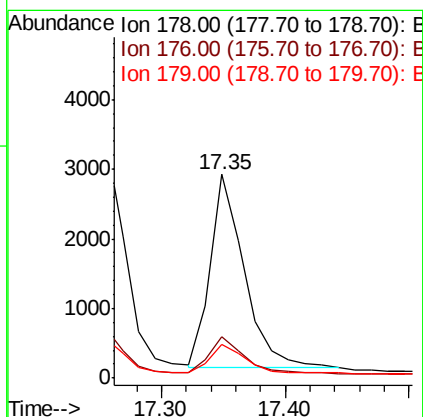
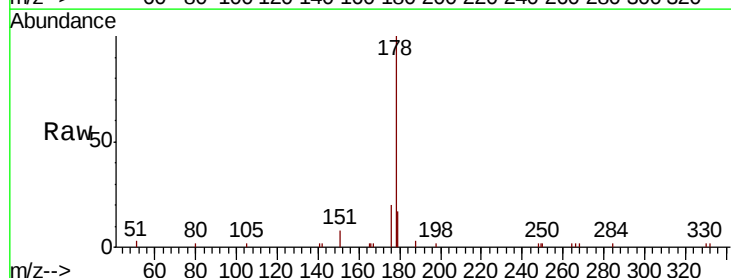
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 6308
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.8
179 15.7 12.4 18.6



#24
Anthracene
Concen: 0.345 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099911.D
Acq: 11 Jun 2019 3:44

Tgt Ion:178 Resp: 5289
Ion Ratio Lower Upper
178 100
176 19.4 14.6 22.0
179 15.1 12.3 18.5





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

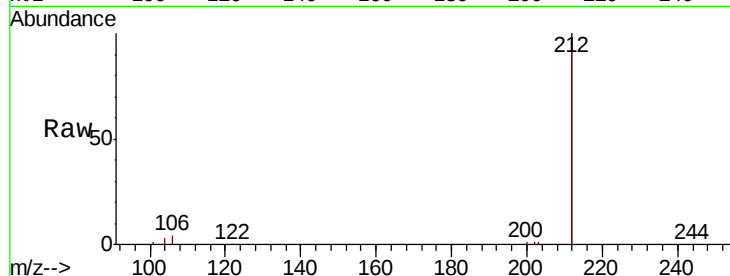
Tgt Ion:212 Resp: 35860

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

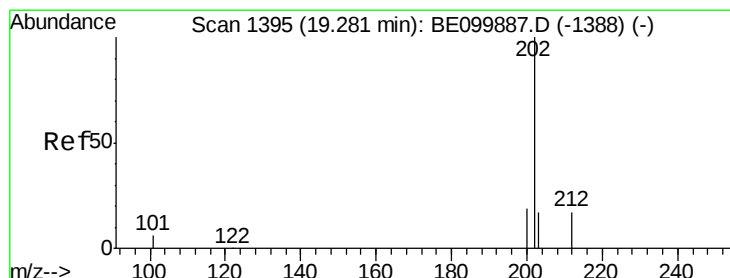
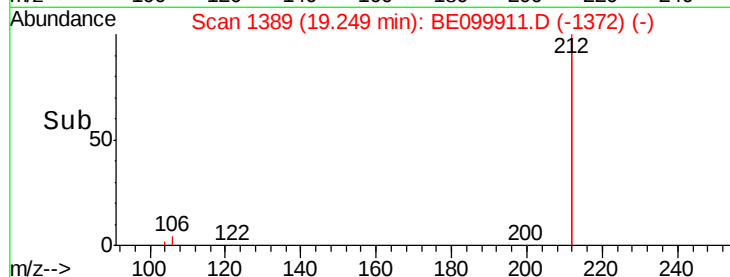
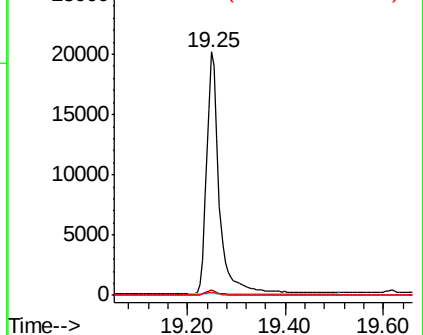
104 1.0 0.9 1.3



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: 0.359 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

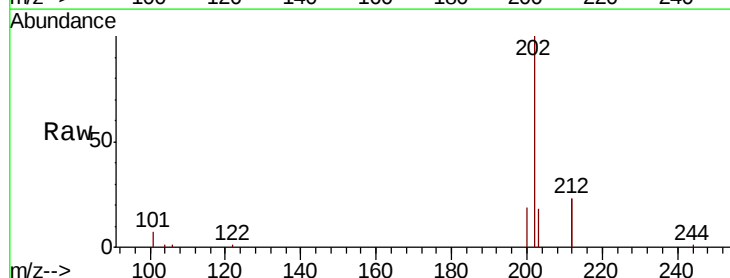
Tgt Ion:202 Resp: 10195

Ion Ratio Lower Upper

202 100

101 6.5 5.4 8.0

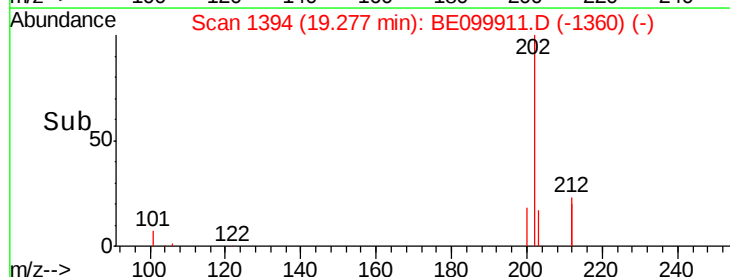
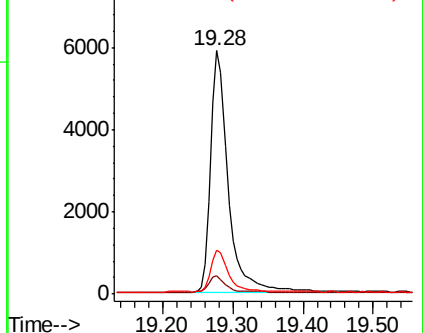
203 17.4 13.2 19.8



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# 1632

Delta R.T. -0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

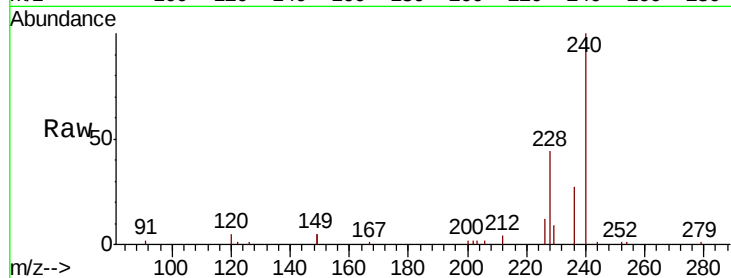
Tgt Ion:240 Resp: 9673

Ion Ratio Lower Upper

240 100

120 5.3 3.8 5.6

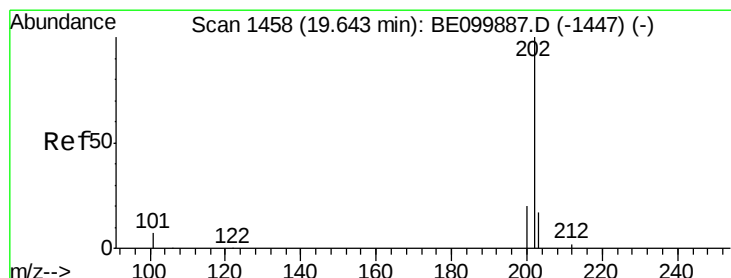
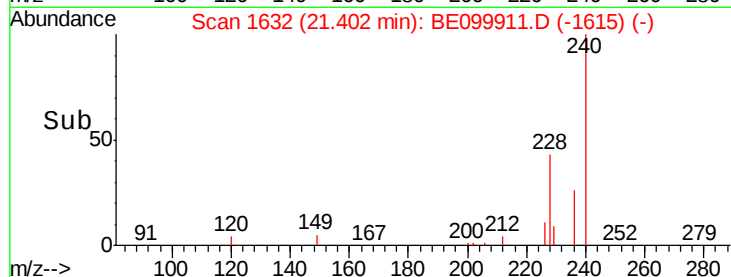
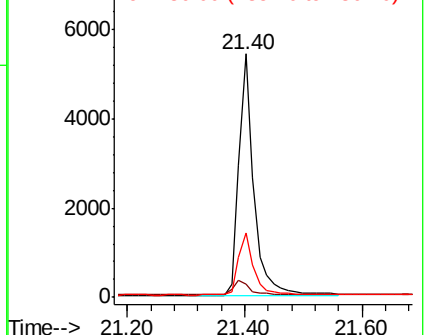
236 26.6 22.0 33.0



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: 0.418 ng

RT: 19.65 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

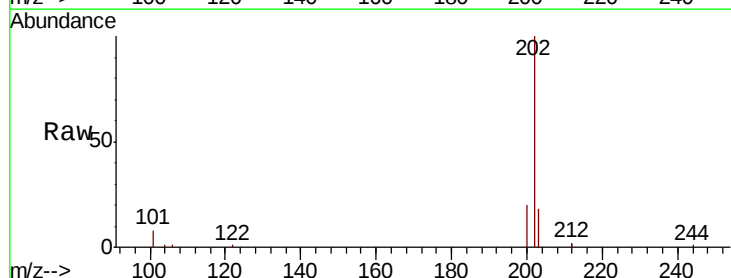
Tgt Ion:202 Resp: 10633

Ion Ratio Lower Upper

202 100

200 19.3 15.5 23.3

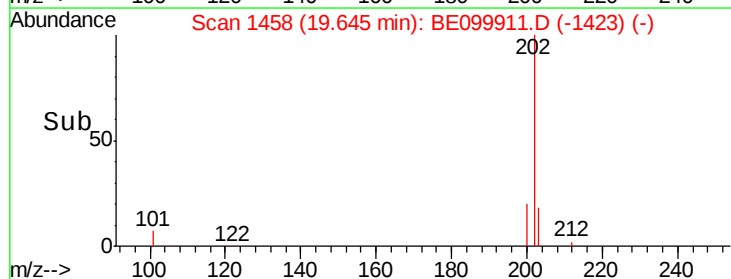
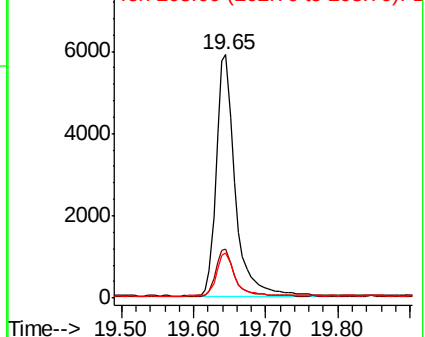
203 17.8 14.0 21.0



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: 0.406 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

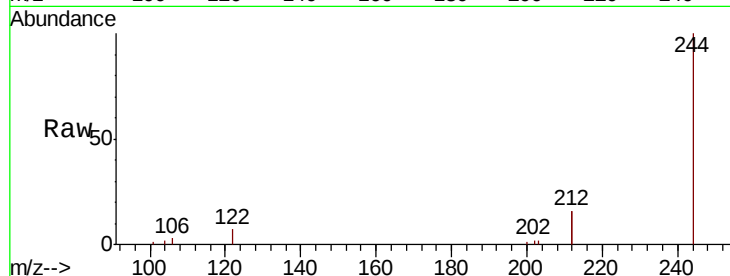
Tgt Ion:244 Resp: 7073

Ion Ratio Lower Upper

244 100

212 32.9 25.7 38.5

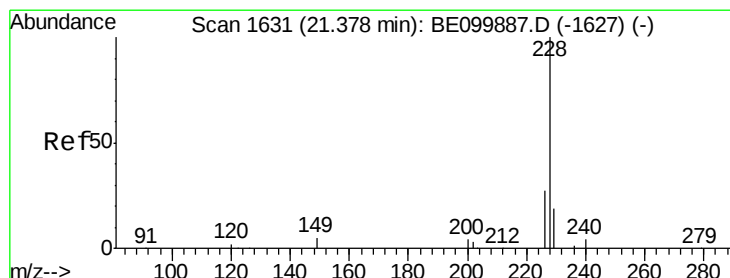
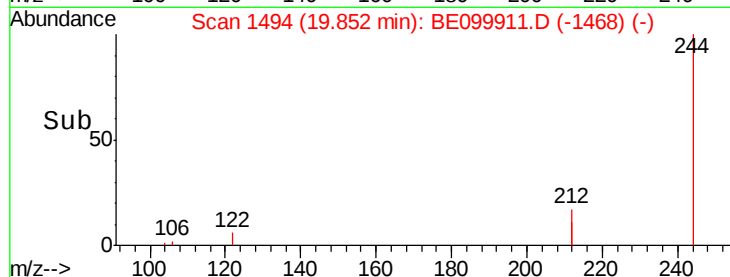
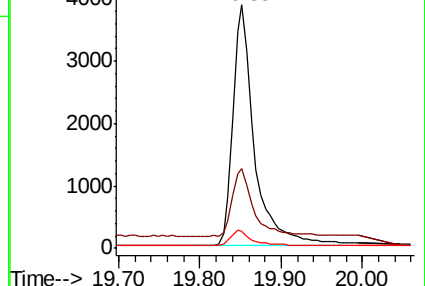
122 6.8 5.5 8.3



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: 0.415 ng

RT: 21.38 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

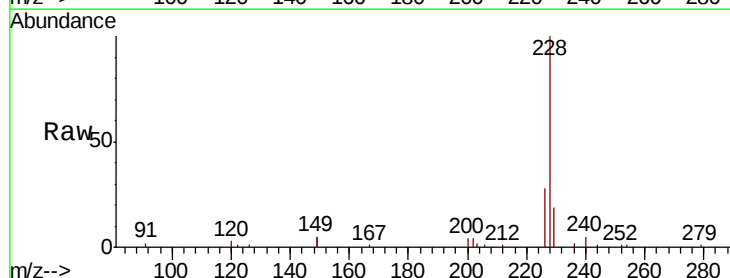
Tgt Ion:228 Resp: 11989

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

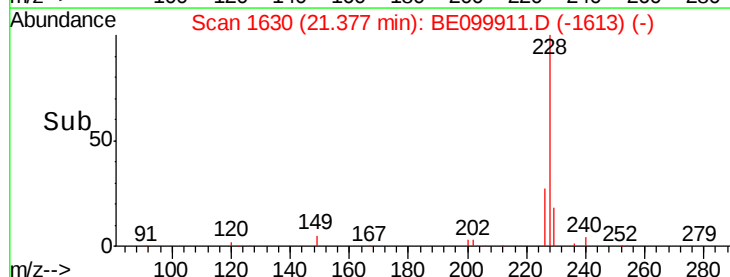
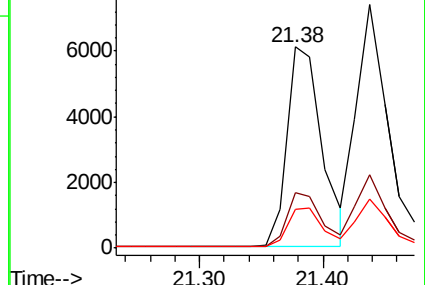
229 19.2 15.9 23.9



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: 0.428 ng

RT: 21.44 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

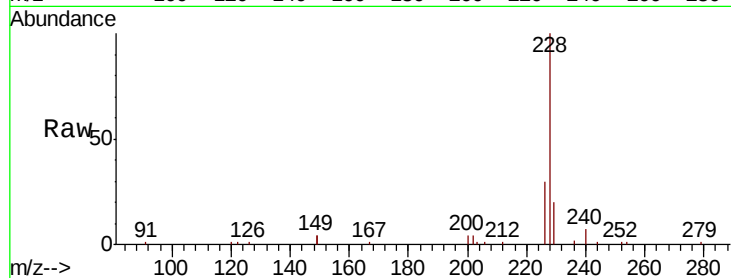
Tgt Ion:228 Resp: 12801

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

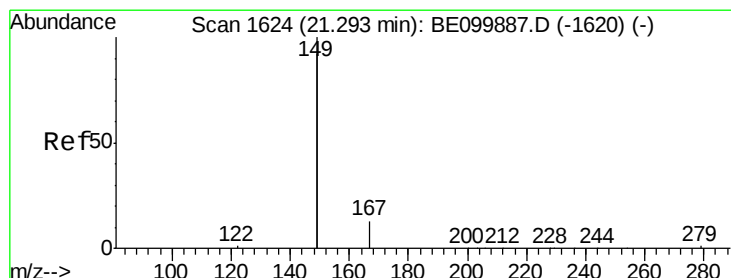
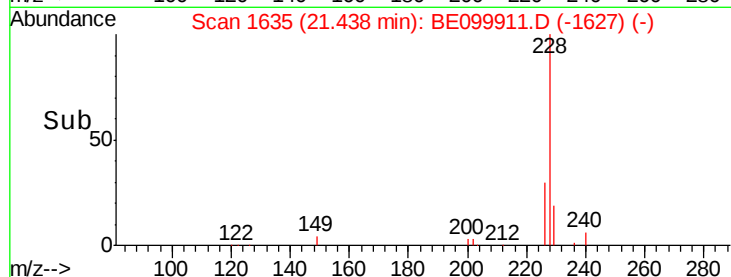
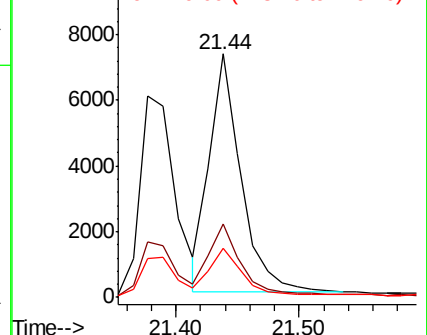
229 20.0 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.370 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

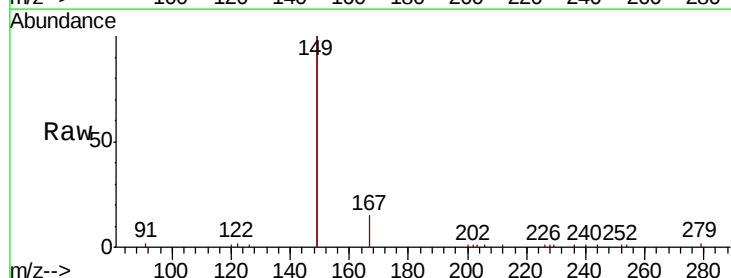
Tgt Ion:149 Resp: 15363

Ion Ratio Lower Upper

149 100

167 7.6 5.9 8.9

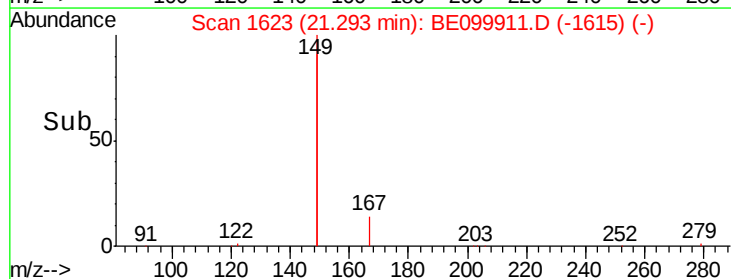
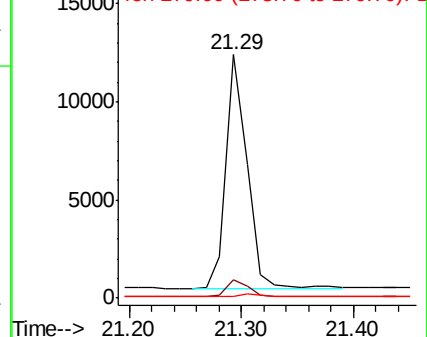
279 1.5 1.2 1.8

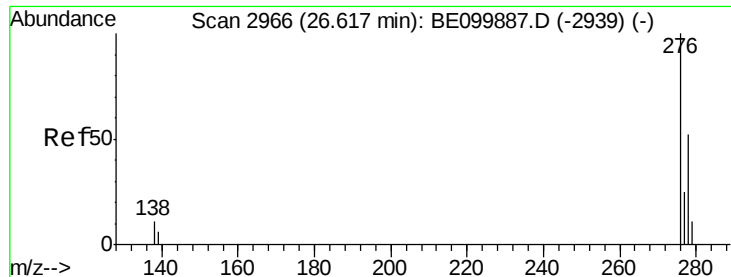


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.426 ng

RT: 26.61 min Scan# 2962

Delta R.T. -0.01 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

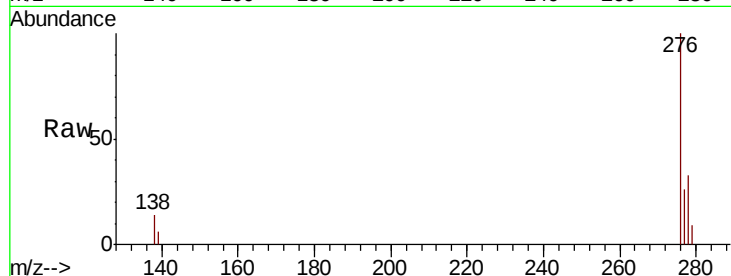
Tgt Ion:276 Resp: 15115

Ion Ratio Lower Upper

276 100

138 12.9 10.1 15.1

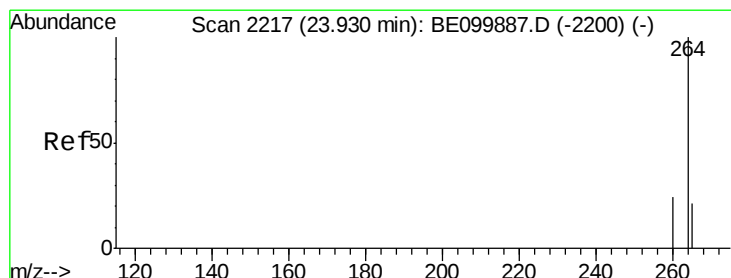
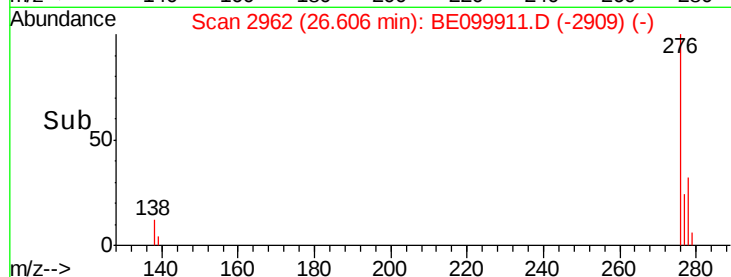
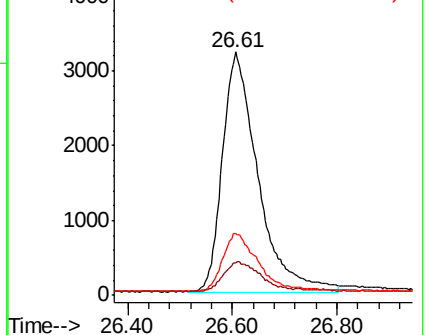
277 24.2 19.1 28.7



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# 2216

Delta R.T. -0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

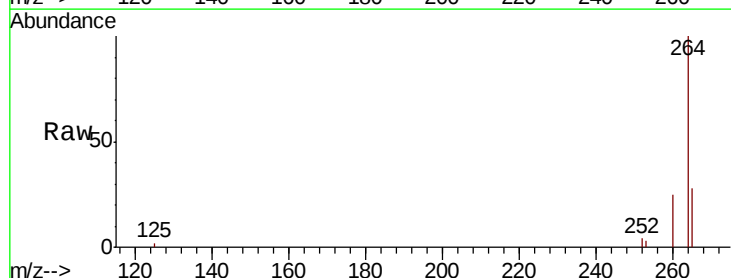
Tgt Ion:264 Resp: 11204

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

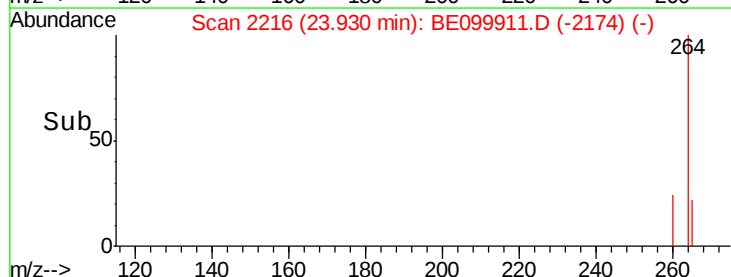
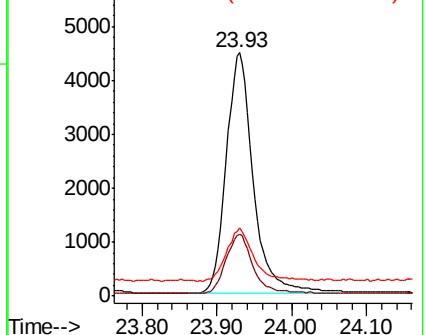
265 28.0 22.0 33.0



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: 0.397 ng

RT: 23.15 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

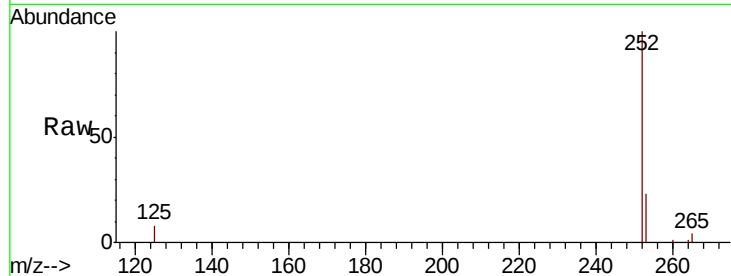
Tgt Ion:252 Resp: 12460

Ion Ratio Lower Upper

252 100

253 23.5 18.7 28.1

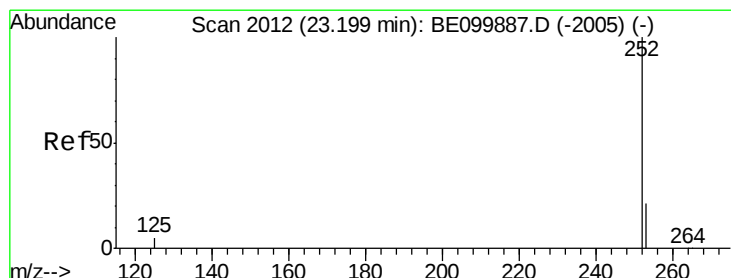
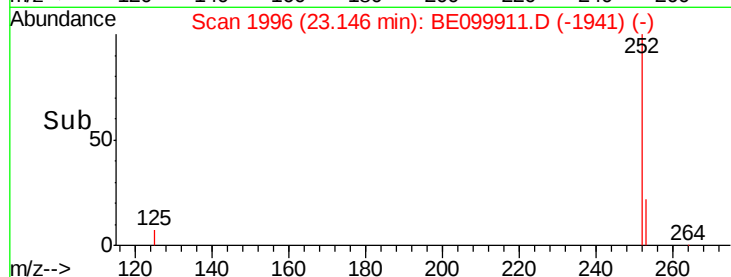
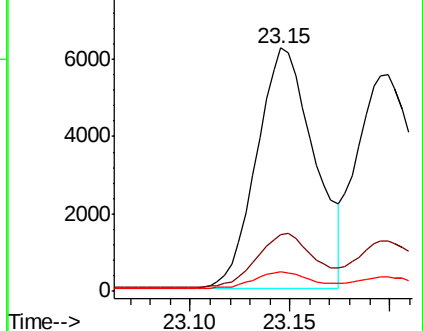
125 8.0 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.395 ng

RT: 23.20 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

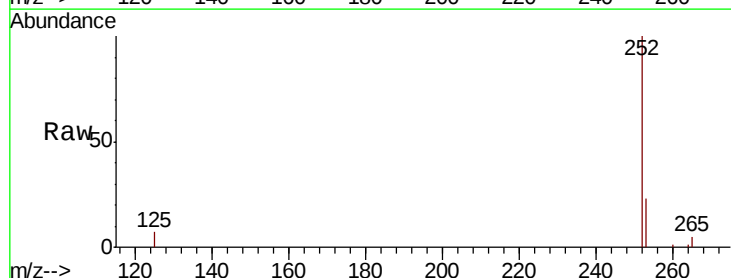
Tgt Ion:252 Resp: 12965

Ion Ratio Lower Upper

252 100

253 23.2 18.6 28.0

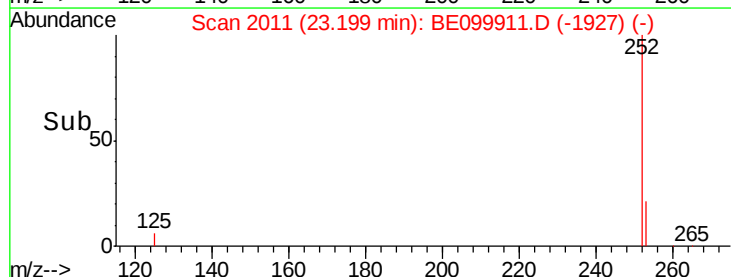
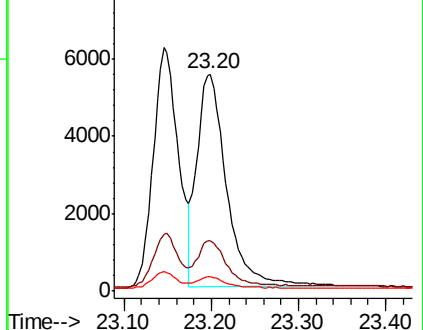
125 6.8 5.4 8.0



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





#37

Benzo(a)pyrene

Concen: 0.393 ng

RT: 23.81 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

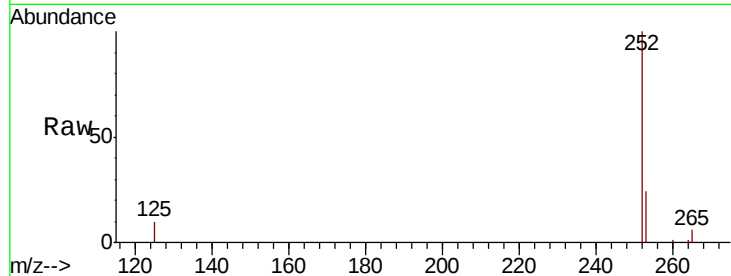
Tgt Ion:252 Resp: 12145

Ion Ratio Lower Upper

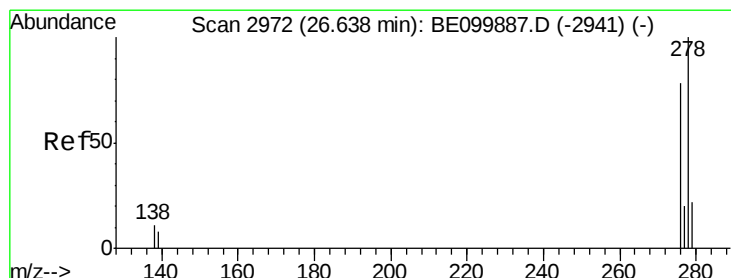
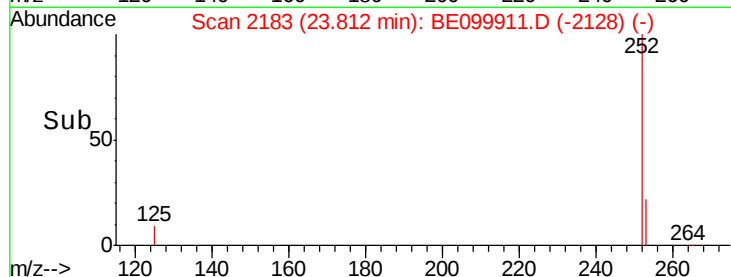
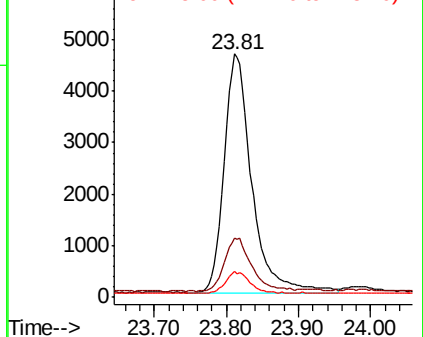
252 100

253 24.4 19.6 29.4

125 10.4 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: 0.383 ng

RT: 26.64 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BE099911.D

Acq: 11 Jun 2019 3:44

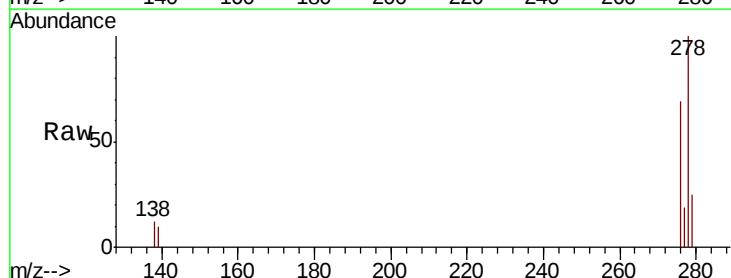
Tgt Ion:278 Resp: 11932

Ion Ratio Lower Upper

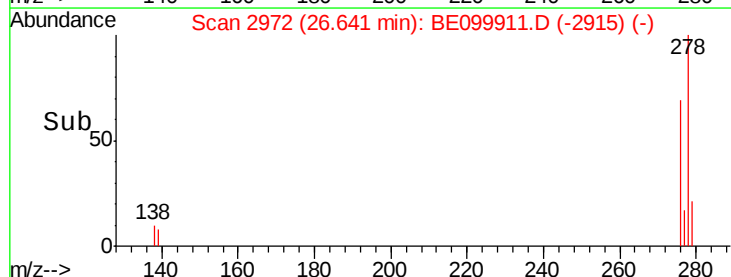
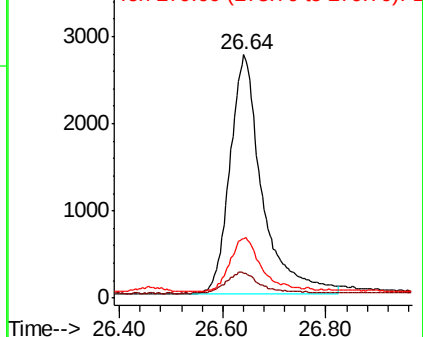
278 100

139 10.3 7.8 11.8

279 24.6 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: 0.397 ng

RT: 27.43 min Scan# 3194

Delta R.T. -0.00 min

Lab File: BE099911.D

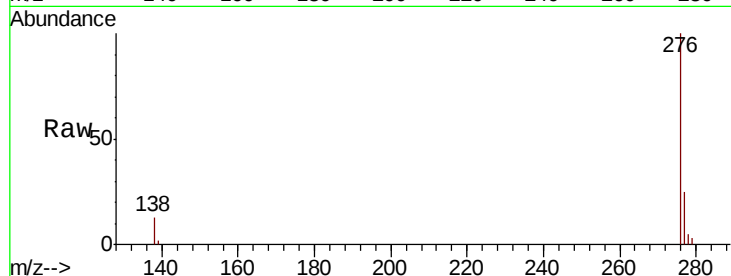
Acq: 11 Jun 2019 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



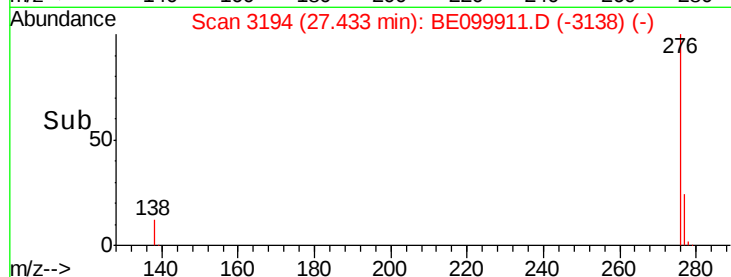
Tgt Ion: 276 Resp: 12786

Ion Ratio Lower Upper

276 100

277 25.3 19.5 29.3

138 13.3 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

