

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
 Data File : BE099885.D
 Acq On : 10 Jun 2019 10:18
 Operator : JU/SJ
 Sample : SSTDiCC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDiCC0.1

Quant Time: Jun 10 14:37:07 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 14:31:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	821	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2978	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2153	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6495	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9777	0.40	ng	0.00
34) Perylene-d12	23.93	264	10541	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	205	0.07	ng	0.00
5) Phenol-d6	6.98	99	252	0.07	ng	0.00
8) Nitrobenzene-d5	8.99	82	238	0.08	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	467	0.09	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	121	0.06	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	777	0.10	ng	0.01
25) Fluoranthene-d10	19.26	212	8202	0.08	ng	0.00
29) Terphenyl-d14	19.85	244	1624	0.09	ng	0.00

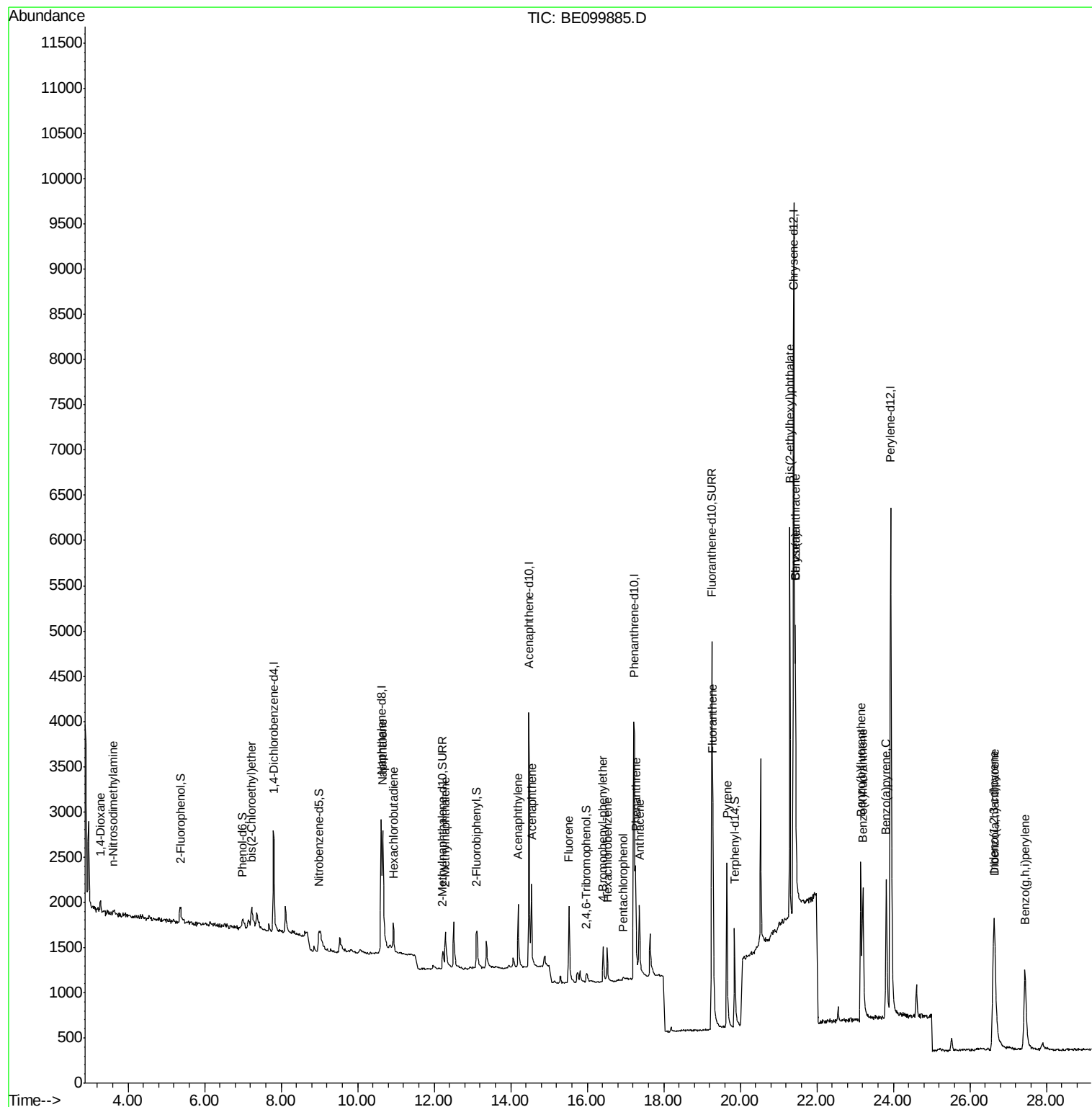
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	132	0.108	ng	# 92
3) n-Nitrosodimethylamine	3.61	42	57	0.073	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	192	0.077	ng	95
9) Naphthalene	10.65	128	3071	0.095	ng	# 92
10) Hexachlorobutadiene	10.93	225	237	0.100	ng	91
12) 2-Methylnaphthalene	12.30	142	467	0.085	ng	# 89
16) Acenaphthylene	14.20	152	984	0.092	ng	# 93
17) Acenaphthene	14.54	154	529	0.091	ng	99
18) Fluorene	15.51	166	799	0.089	ng	# 95
20) 4-Bromophenyl-phenylether	16.41	248	326	0.088	ng	# 80
21) Hexachlorobenzene	16.52	284	371	0.102	ng	94
22) Pentachlorophenol	16.95	266	51	0.045	ng	87
23) Phenanthrene	17.27	178	1434	0.089	ng	99
24) Anthracene	17.36	178	1136	0.074	ng	98
26) Fluoranthene	19.28	202	2312	0.081	ng	99
28) Pyrene	19.65	202	2457	0.095	ng	99
30) Benzo(a)anthracene	21.44	228	2899	0.093	ng	94
31) Chrysene	21.44	228	2841	0.093	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	4978	0.098	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.62	276	3391	0.091	ng	99
35) Benzo(b)fluoranthene	23.15	252	2678	0.091	ng	# 78
36) Benzo(k)fluoranthene	23.20	252	2742	0.094	ng	# 82
37) Benzo(a)pyrene	23.82	252	2778	0.098	ng	# 65
38) Dibenzo(a,h)anthracene	26.65	278	2611	0.090	ng	# 81
39) Benzo(g,h,i)perylene	27.44	276	2767	0.094	ng	# 86

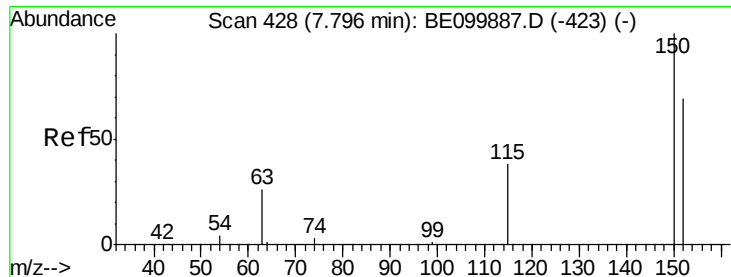
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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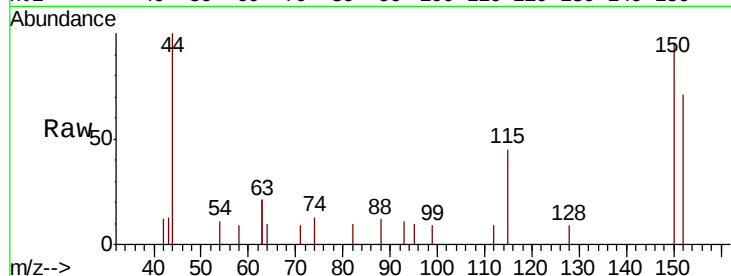


#1

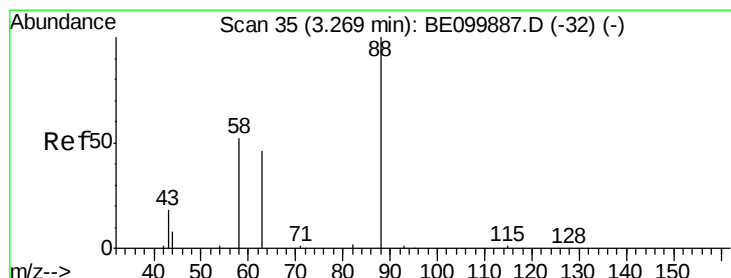
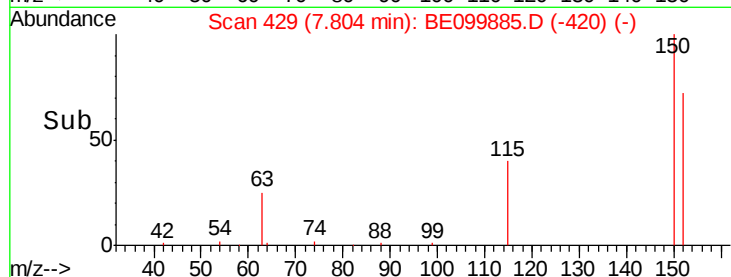
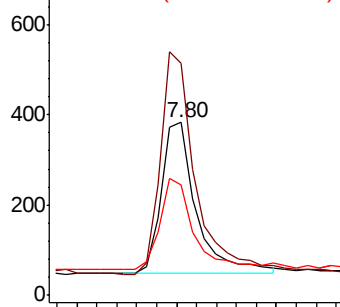
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE099885.D
Acq: 10 Jun 2019 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:152 Resp: 821
Ion Ratio Lower Upper
152 100
150 134.5 111.0 166.6
115 63.7 50.7 76.1



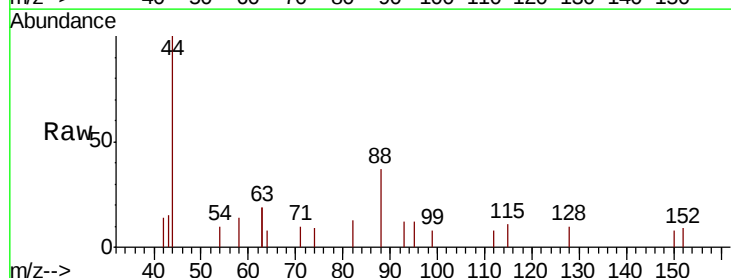
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



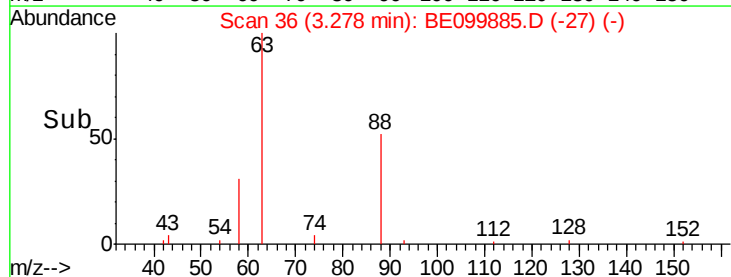
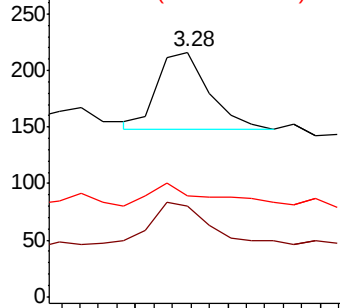
#2

1,4-Dioxane
Concen: 0.108 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE099885.D
Acq: 10 Jun 2019 10:18

Tgt Ion: 88 Resp: 132
Ion Ratio Lower Upper
88 100
58 62.9 48.8 73.2
43 34.1 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: 0.073 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

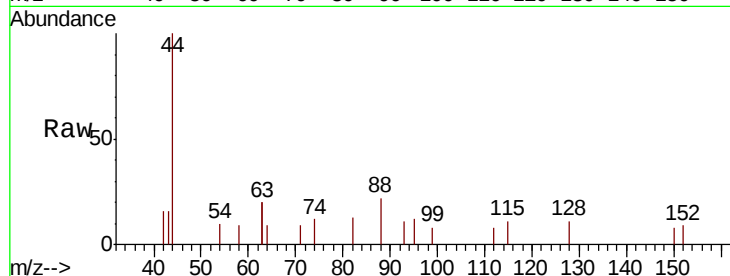
Tot Ion: 42 Resp: 57

Ion Ratio Lower Upper

42 100

74 128.1 0.0 0.0#

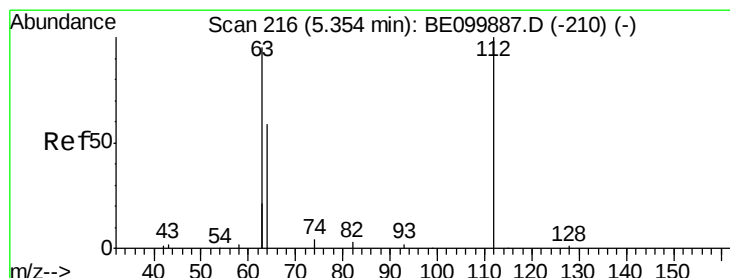
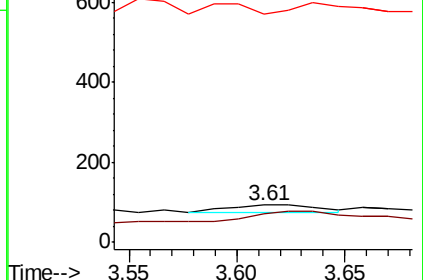
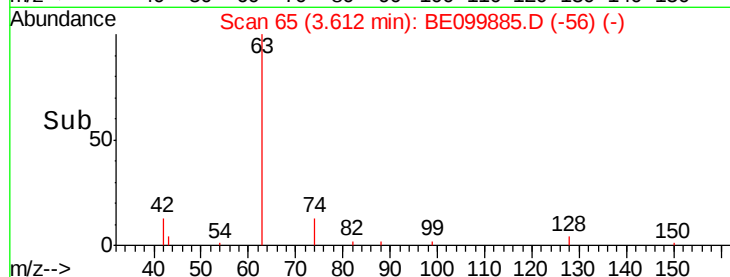
44 0.0 0.0 0.0



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: 0.075 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

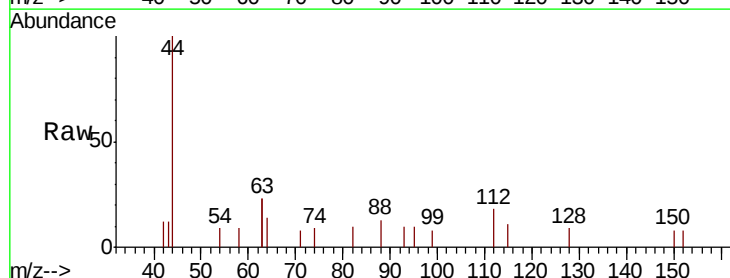
Tgt Ion: 112 Resp: 205

Ion Ratio Lower Upper

112 100

64 55.1 44.1 66.1

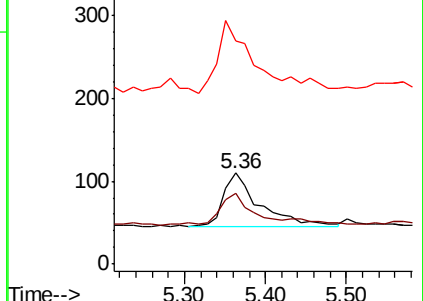
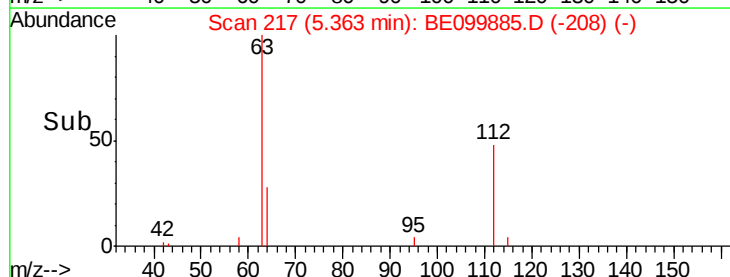
63 146.8 87.8 131.6#



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: 0.074 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

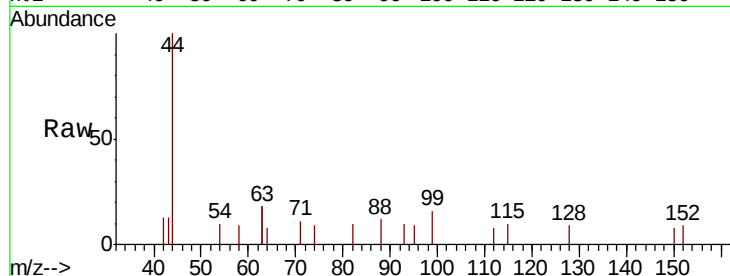
Tot Ion: 99 Resp: 252

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

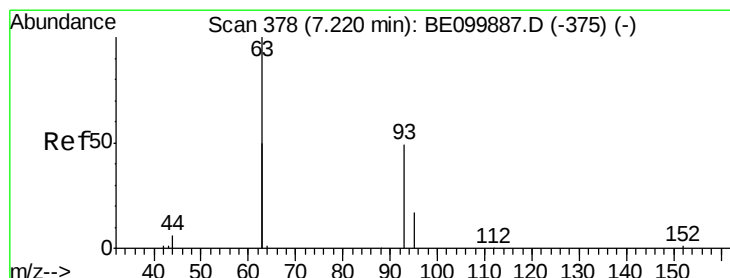
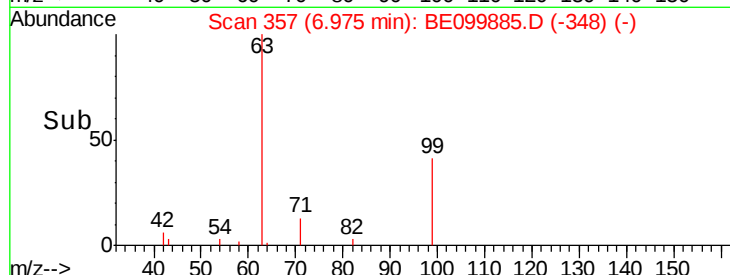
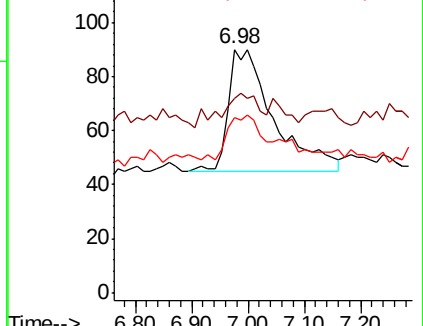
71 0.0 34.6 52.0#



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: 0.077 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

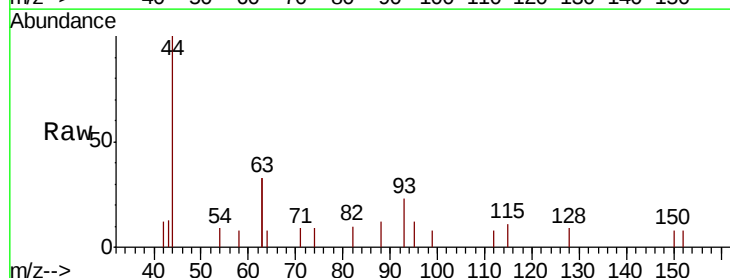
Tgt Ion: 93 Resp: 192

Ion Ratio Lower Upper

93 100

63 243.8 202.8 304.2

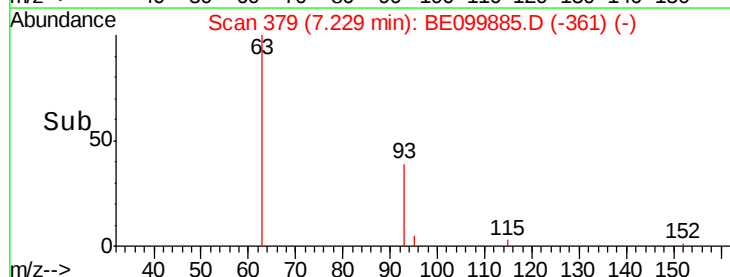
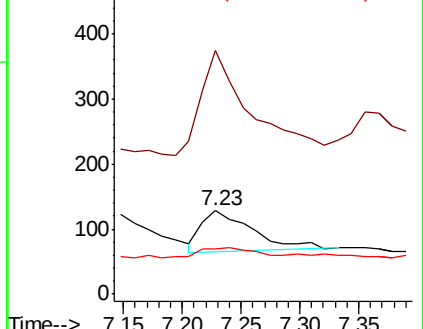
95 29.7 23.7 35.5



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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

Tot Ion:136 Resp: 2978

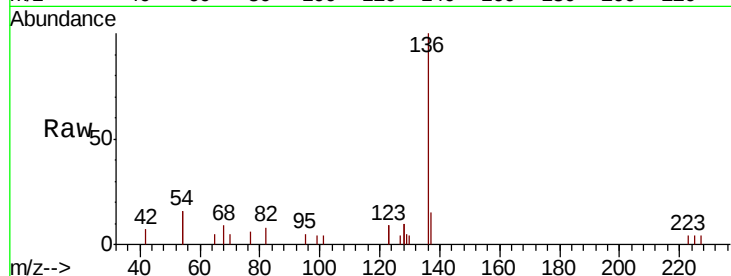
Ion Ratio Lower Upper

136 100

137 14.9 12.3 18.5

54 32.7 28.2 42.4

68 9.1 7.8 11.8

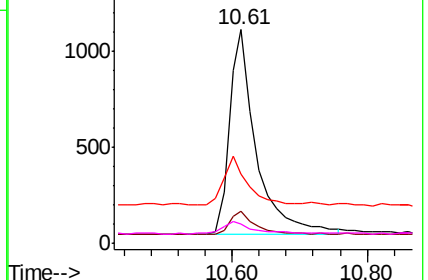
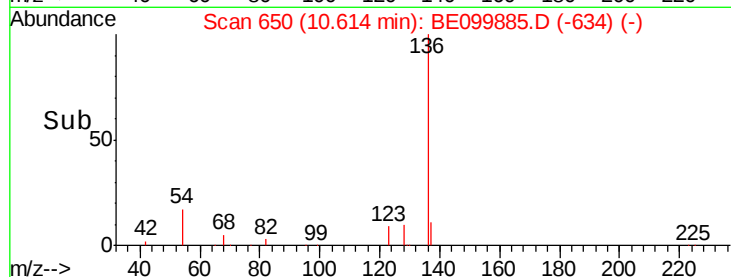


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.079 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

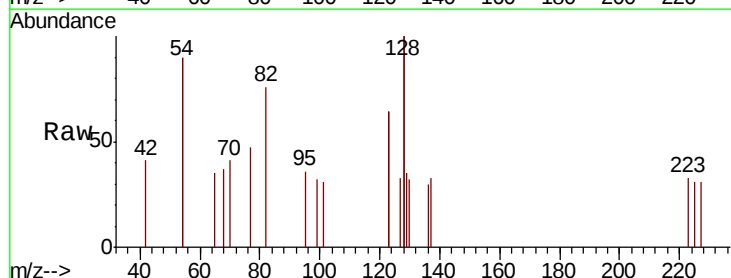
Tgt Ion: 82 Resp: 238

Ion Ratio Lower Upper

82 100

128 262.5 137.3 205.9#

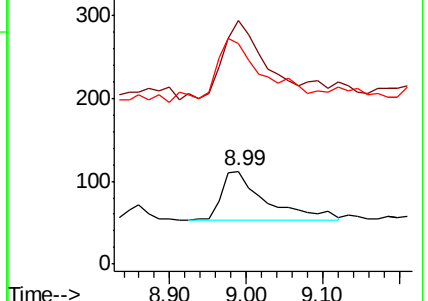
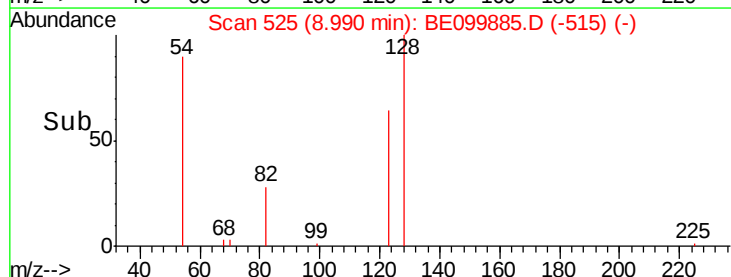
54 237.5 129.7 194.5#

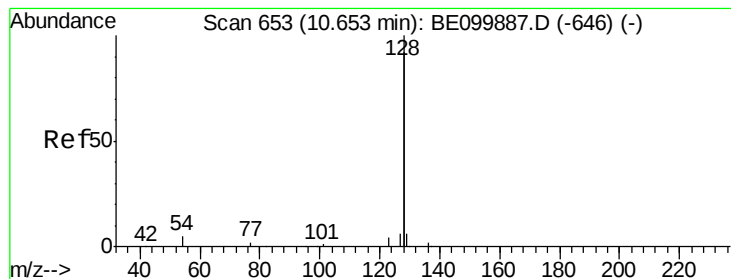


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.095 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

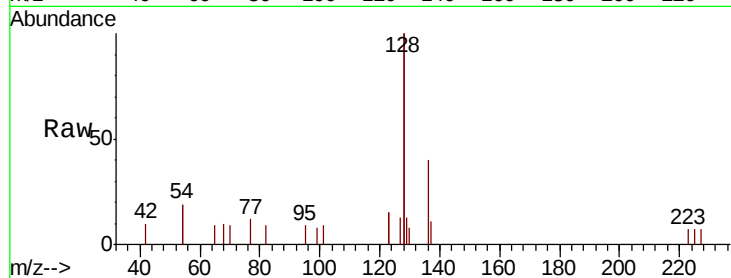
Tot Ion:128 Resp: 3071

Ion Ratio Lower Upper

128 100

129 6.5 3.0 4.6#

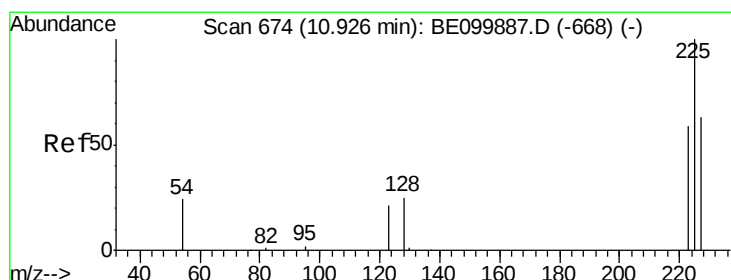
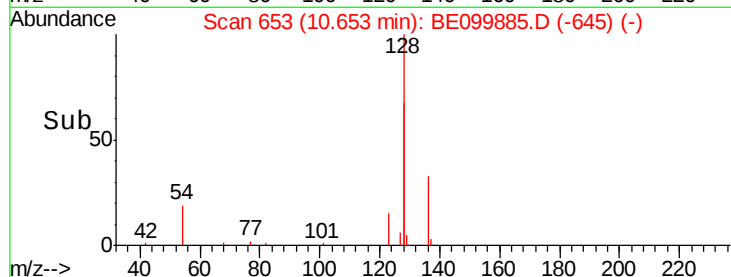
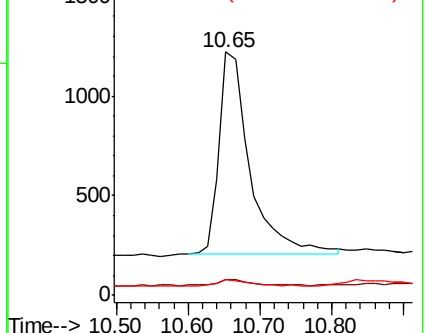
127 6.7 3.4 5.0#



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: 0.100 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

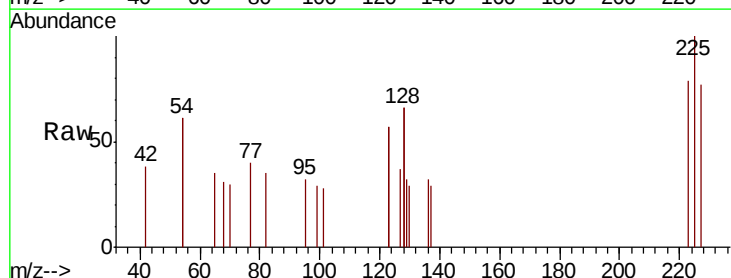
Tgt Ion:225 Resp: 237

Ion Ratio Lower Upper

225 100

223 69.2 51.6 77.4

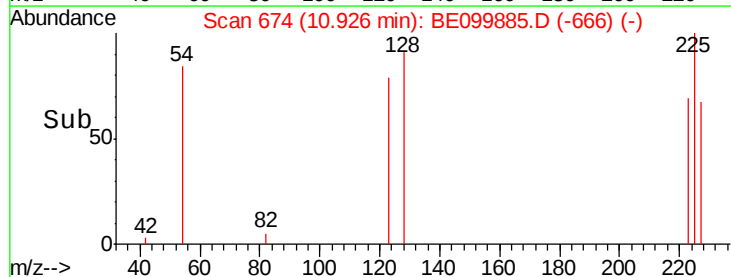
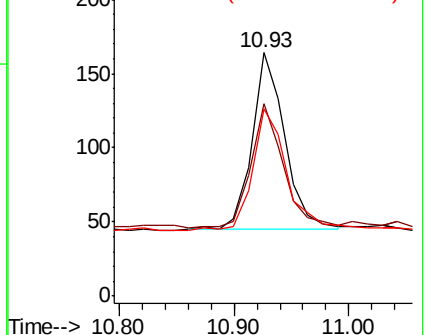
227 72.6 50.6 76.0



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: 0.087 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

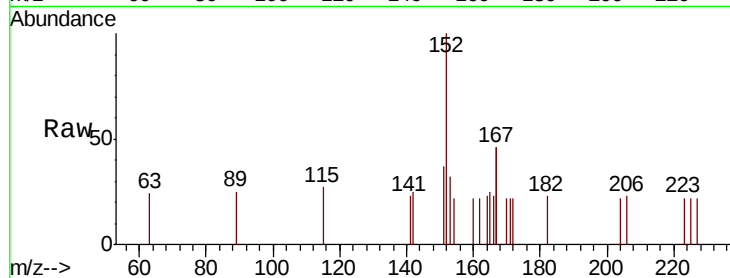
SSTDIC0.1

Tot Ion:152 Resp: 467

Ion Ratio Lower Upper

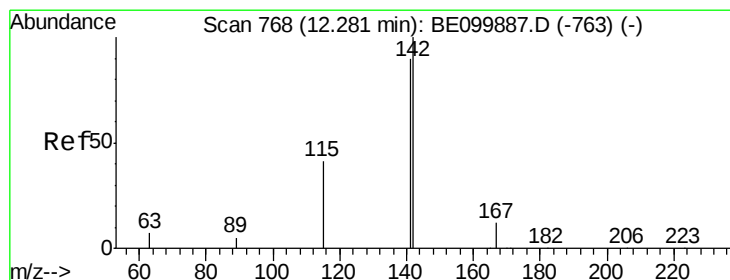
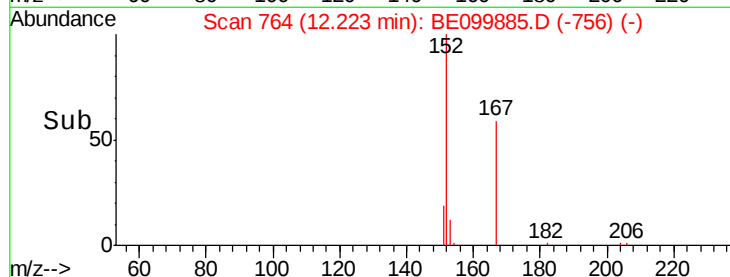
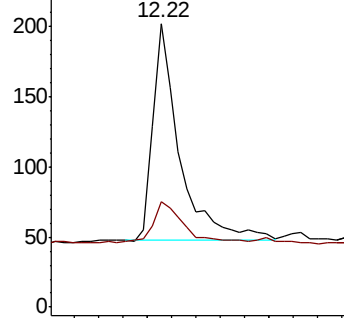
152 100

151 22.1 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: 0.085 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.01 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

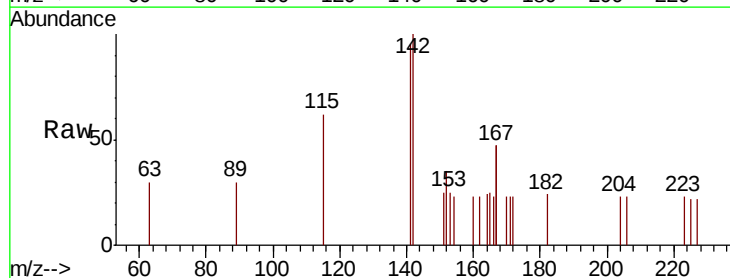
Tgt Ion:142 Resp: 467

Ion Ratio Lower Upper

142 100

141 94.5 72.3 108.5

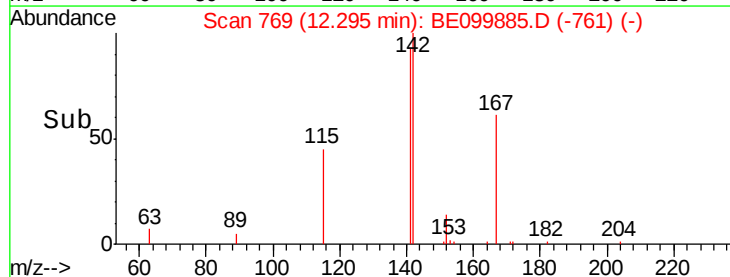
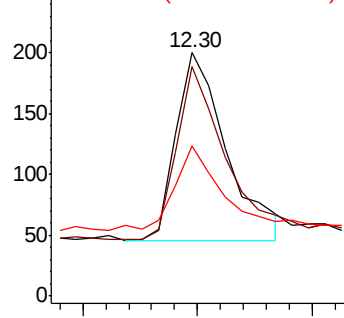
115 61.5 36.4 54.6#

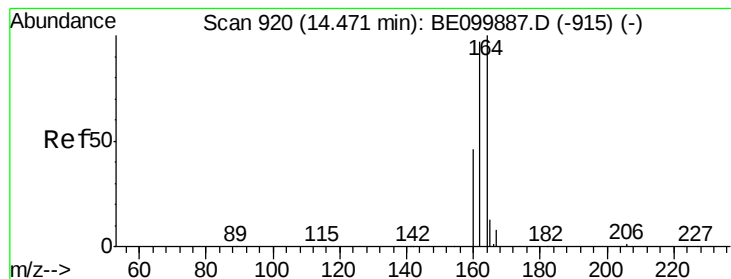


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE099885.D

Acq: 10 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

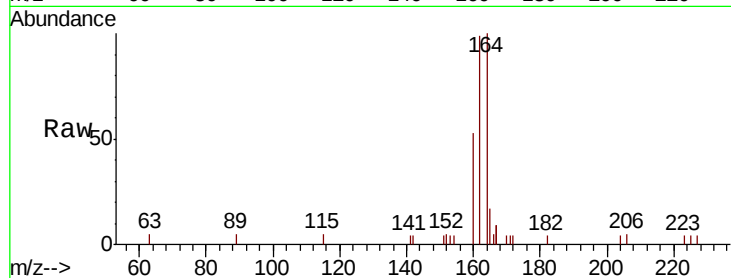
Tot Ion:164 Resp: 2153

Ion Ratio Lower Upper

164 100

162 98.6 77.8 116.8

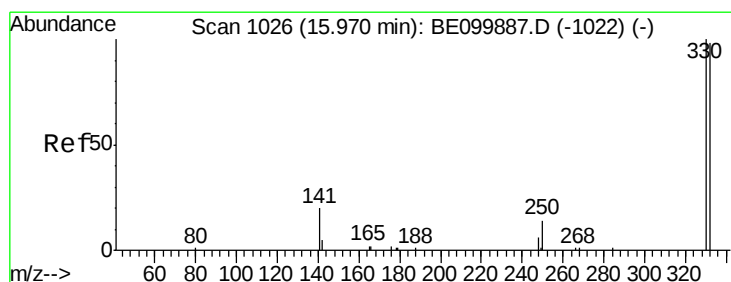
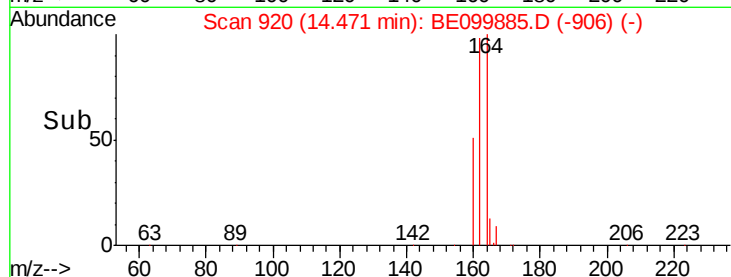
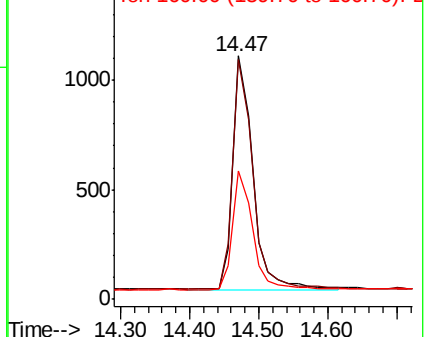
160 52.6 38.2 57.4



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: 0.057 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

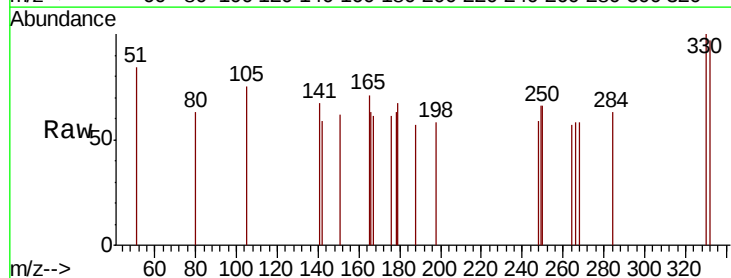
Tgt Ion:330 Resp: 121

Ion Ratio Lower Upper

330 100

332 105.8 76.7 115.1

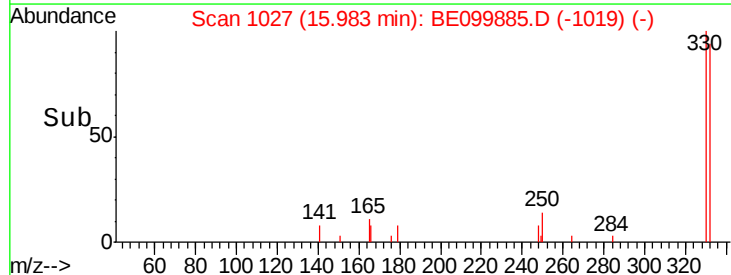
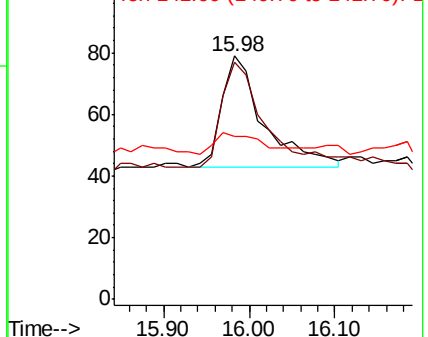
141 22.3 21.0 31.6



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

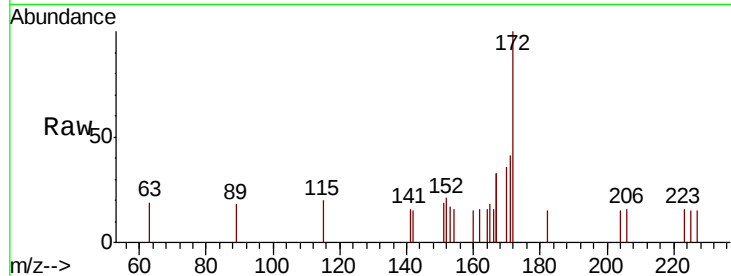




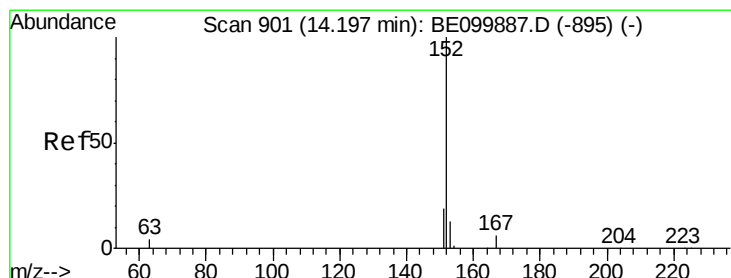
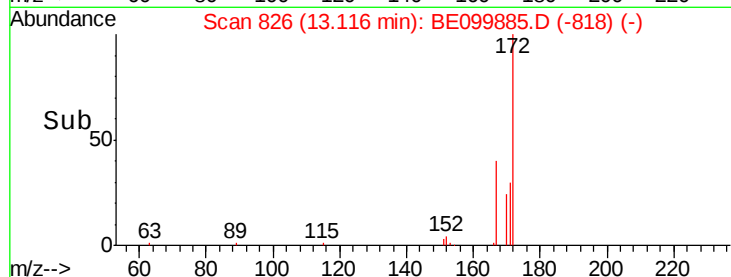
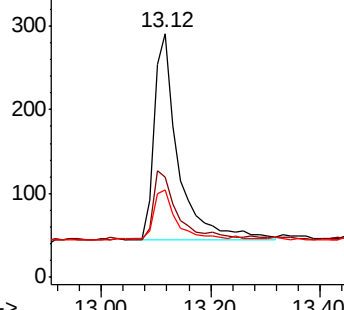
#15
2-Fluorobiphenyl
Concen: 0.100 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099885.D
Acq: 10 Jun 2019 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:172 Resp: 777
Ion Ratio Lower Upper
172 100
171 40.9 29.2 43.8
170 35.7 21.2 31.8#

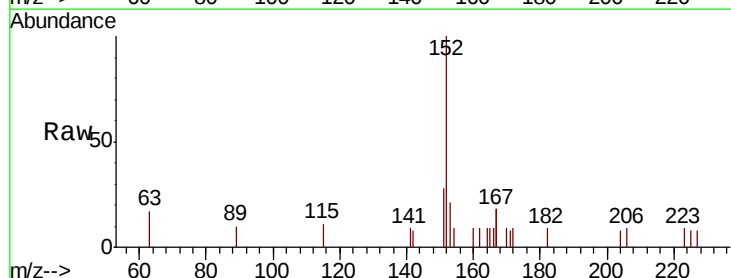


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

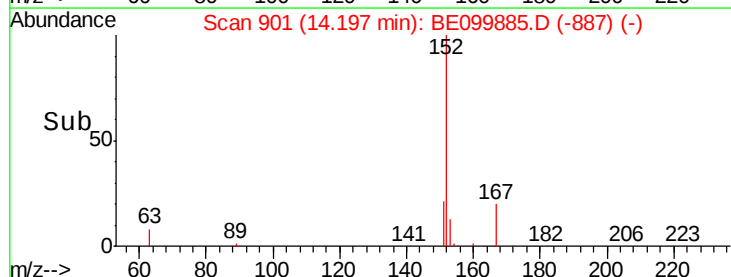
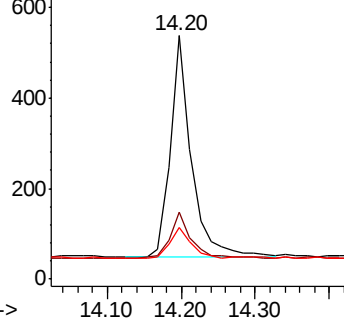


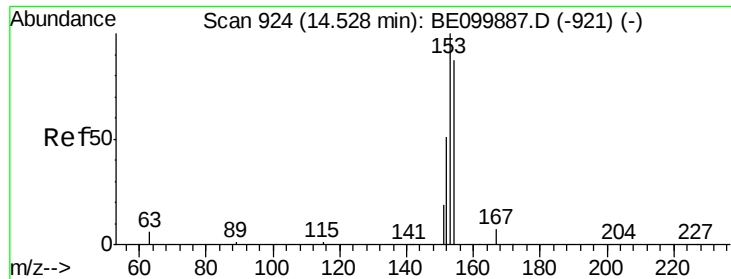
#16
Acenaphthylene
Concen: 0.092 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099885.D
Acq: 10 Jun 2019 10:18

Tgt Ion:152 Resp: 984
Ion Ratio Lower Upper
152 100
151 22.1 15.5 23.3
153 16.2 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: 0.091 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

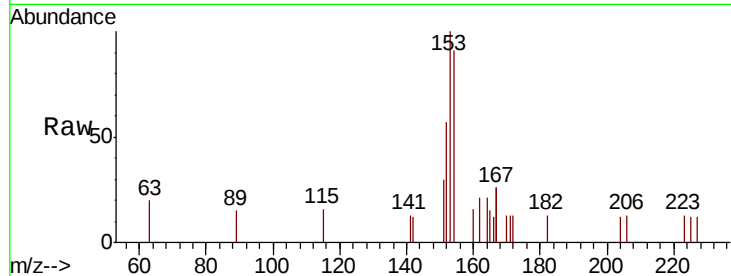
Tot Ion:154 Resp: 529

Ion Ratio Lower Upper

154 100

153 115.1 93.1 139.7

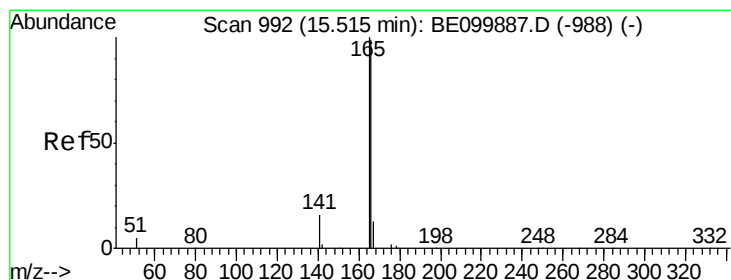
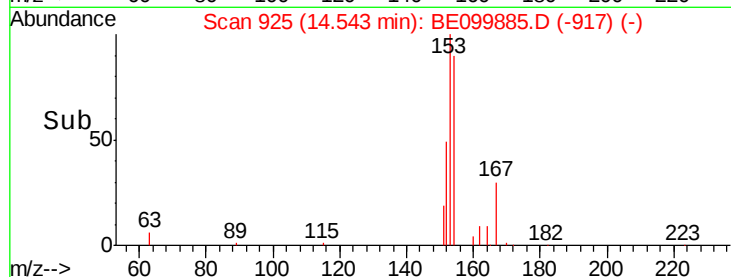
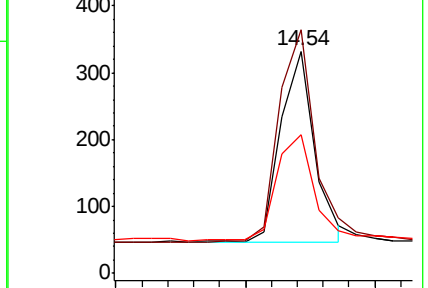
152 60.1 47.0 70.4



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: 0.089 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

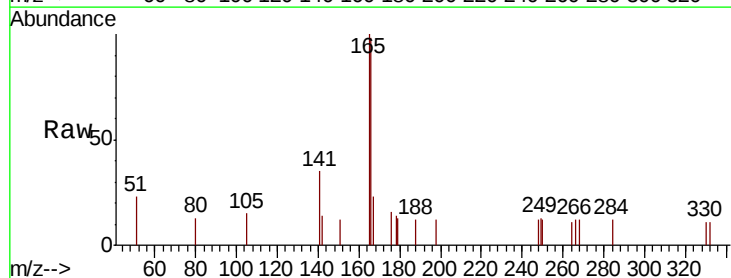
Tgt Ion:166 Resp: 799

Ion Ratio Lower Upper

166 100

165 98.4 81.8 122.8

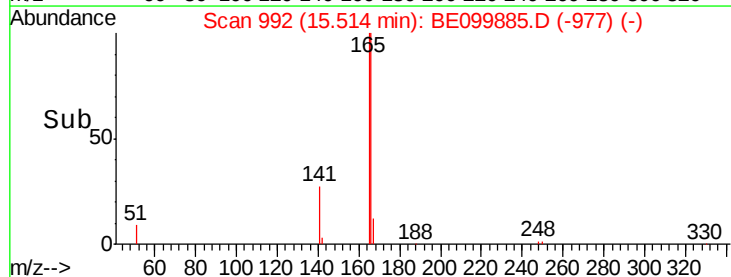
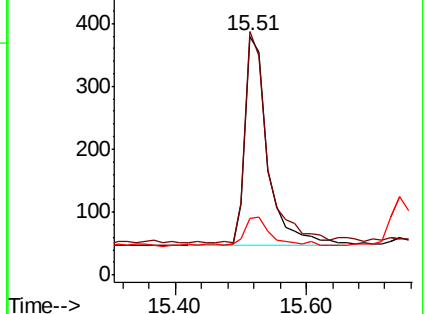
167 18.1 11.2 16.8#



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: BE099885.D

Acq: 10 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

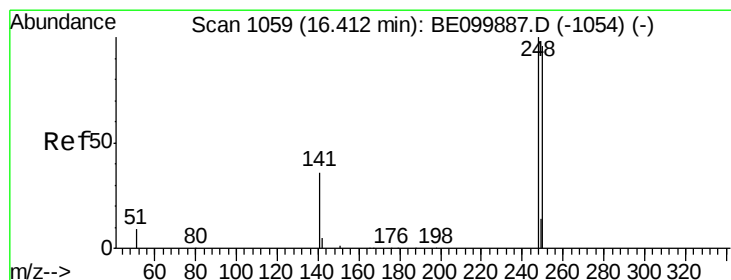
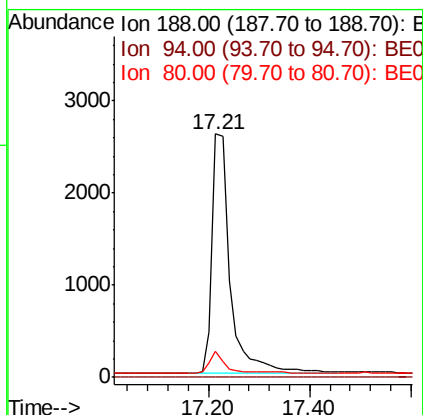
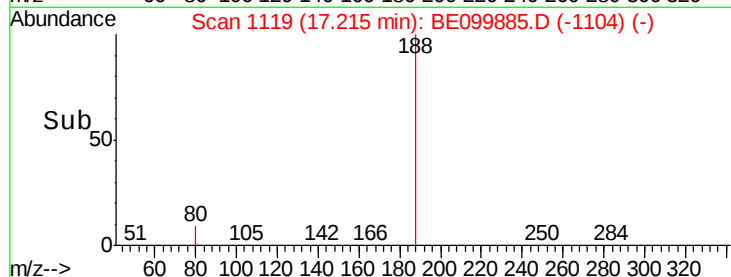
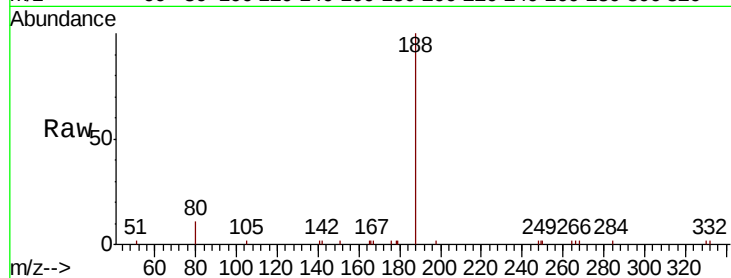
Tot Ion:188 Resp: 6495

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 6.4 9.6#



#20

4-Bromophenyl-phenylether

Concen: 0.088 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

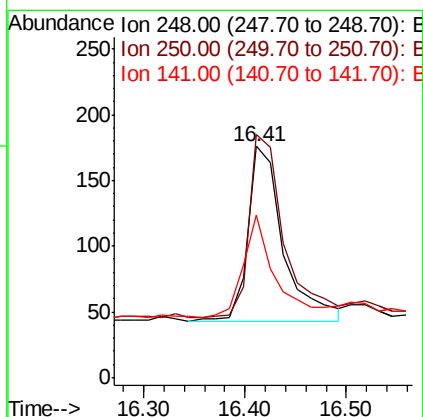
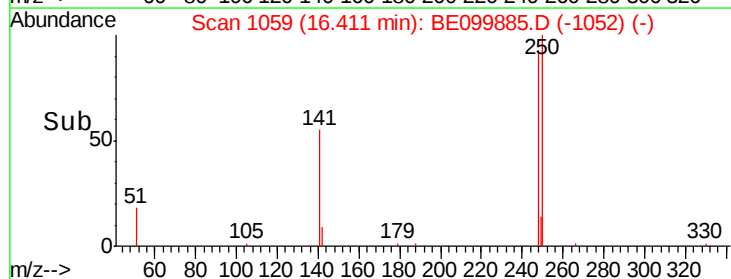
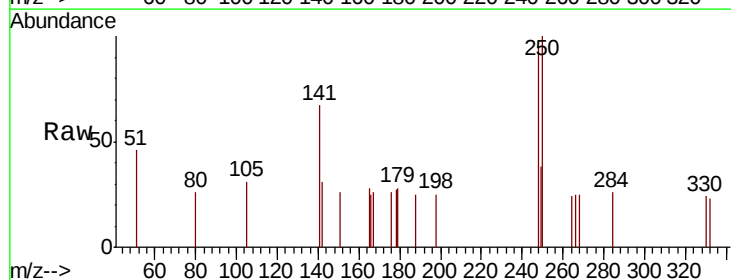
Tgt Ion:248 Resp: 326

Ion Ratio Lower Upper

248 100

250 105.1 77.5 116.3

141 70.5 31.8 47.8#

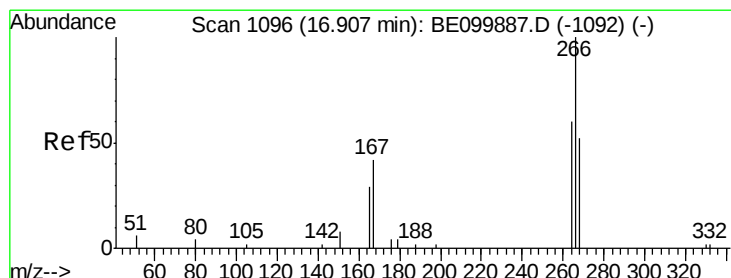
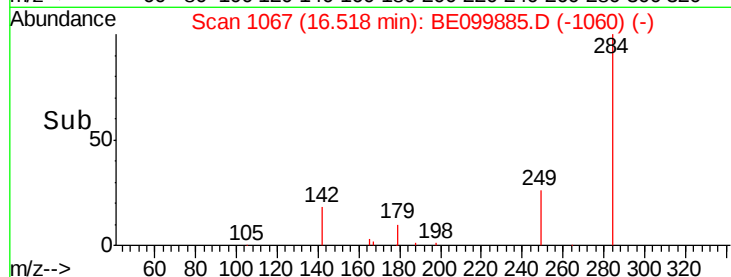
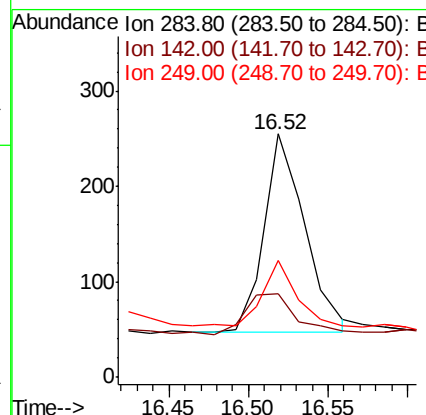
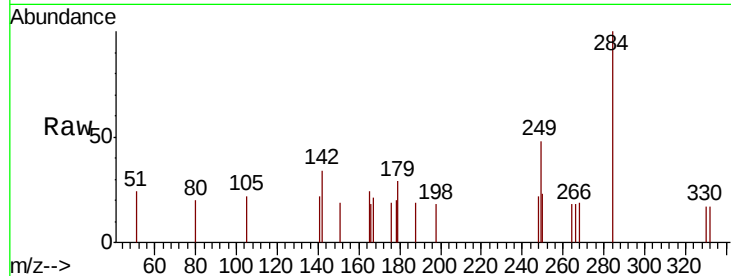




#21
Hexachlorobenzene
Concen: 0.102 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099885.D
Acq: 10 Jun 2019 10:18

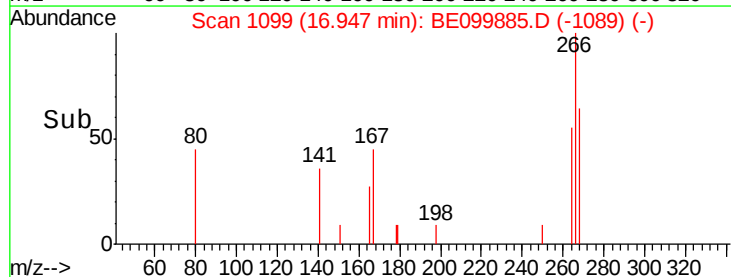
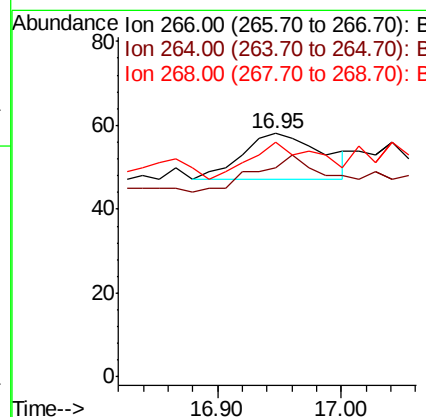
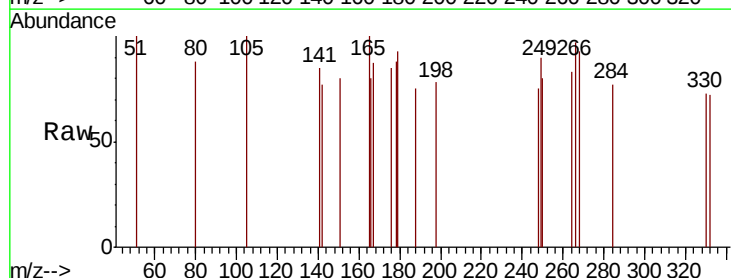
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

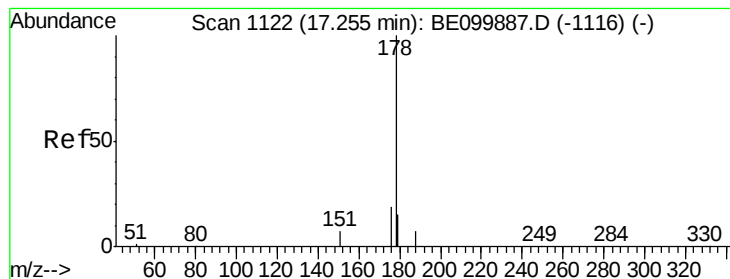
Tot	Ion:284	Resp:	371
Ion	Ratio	Lower	Upper
284	100		
142	24.3	18.2	27.4
249	26.4	24.6	37.0



#22
Pentachlorophenol
Concen: 0.045 ng
RT: 16.95 min Scan# 1099
Delta R.T. 0.04 min
Lab File: BE099885.D
Acq: 10 Jun 2019 10:18

Tgt Ion	266	Resp: Lower	51 Upper
266	100		
264	86.2	62.2	93.2
268	96.6	65.5	98.3





#23

Phenanthrene

Concen: 0.089 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

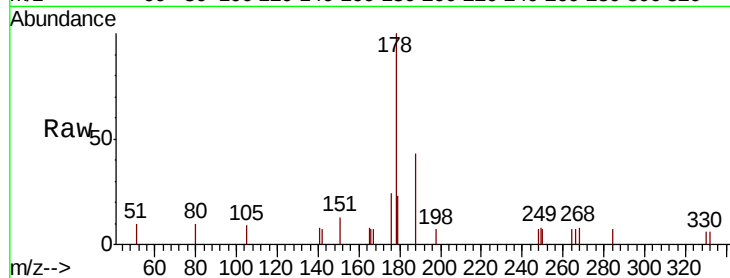
Tot Ion:178 Resp: 1434

Ion Ratio Lower Upper

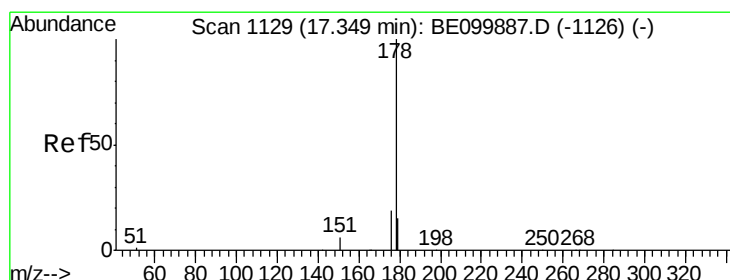
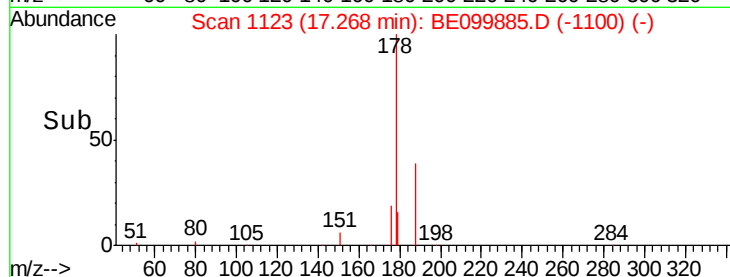
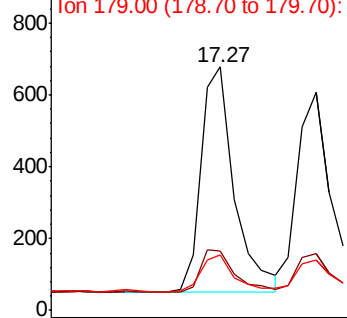
178 100

176 19.2 15.8 23.8

179 16.2 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E



#24

Anthracene

Concen: 0.074 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

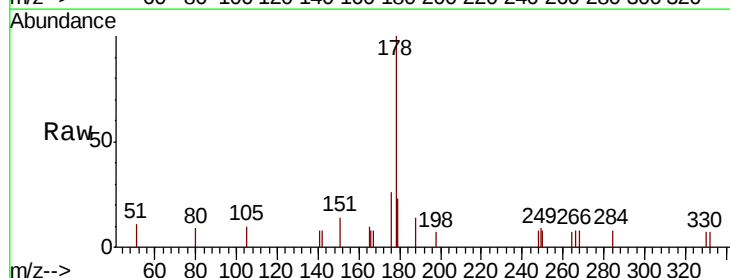
Tgt Ion:178 Resp: 1136

Ion Ratio Lower Upper

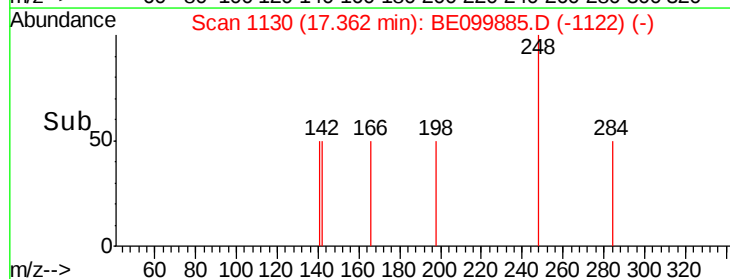
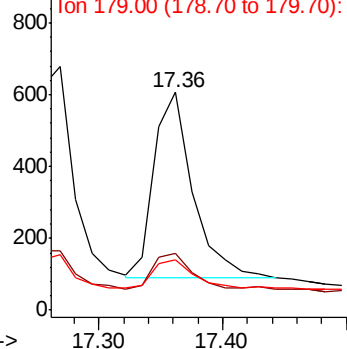
178 100

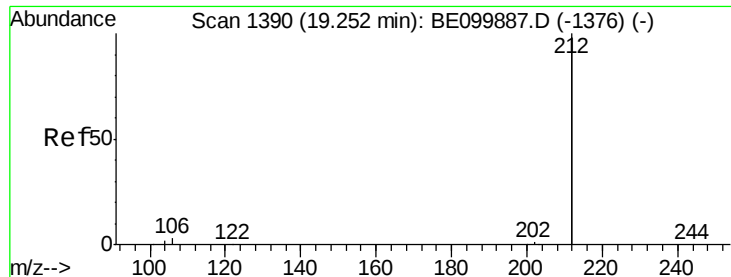
176 19.3 14.6 22.0

179 15.8 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E





#25

Fluoranthene-d10

Concen: 0.081 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

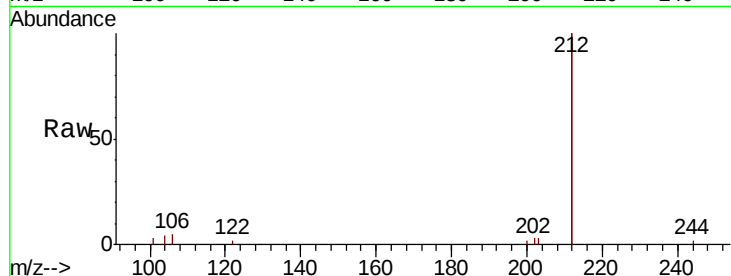
Tot Ion:212 Resp: 8202

Ion Ratio Lower Upper

212 100

106 1.6 1.4 2.2

104 1.1 0.9 1.3

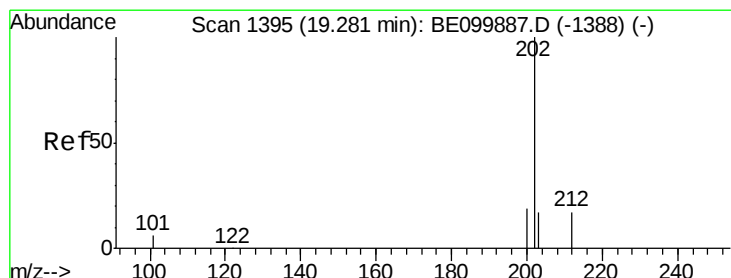
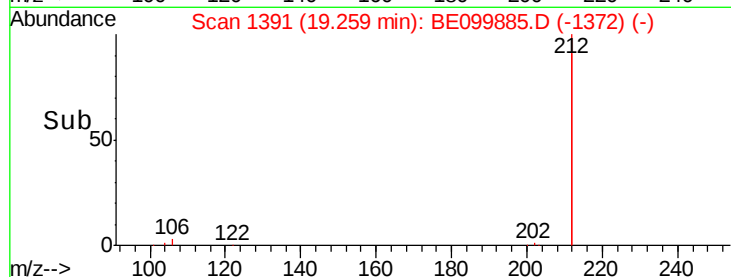
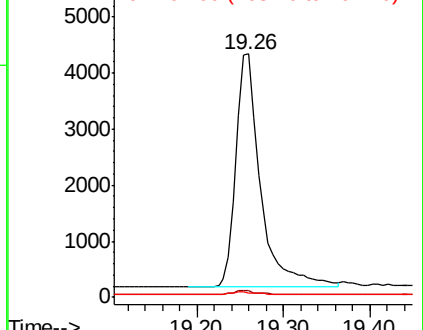


Abundance

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: 0.081 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

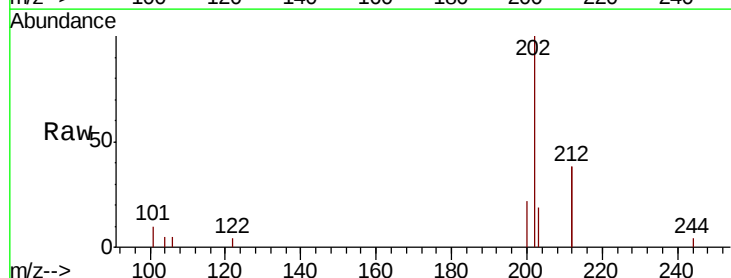
Tgt Ion:202 Resp: 2312

Ion Ratio Lower Upper

202 100

101 5.8 5.4 8.0

203 16.4 13.2 19.8

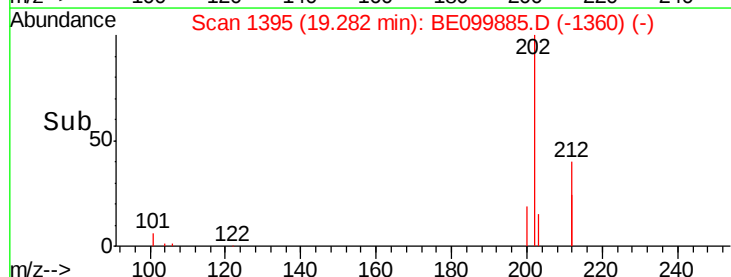
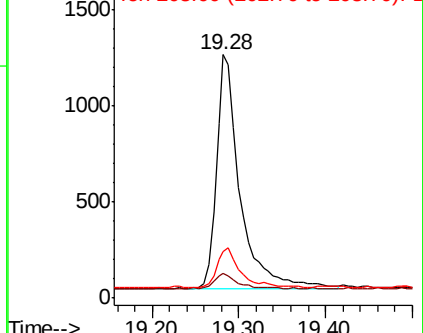


Abundance

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# 1633

Delta R.T. 0.00 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

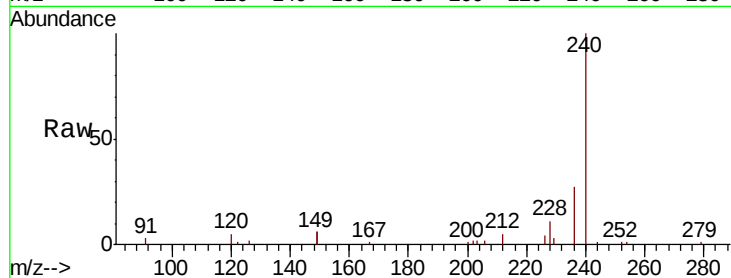
Tot Ion:240 Resp: 9777

Ion Ratio Lower Upper

240 100

120 5.0 3.8 5.6

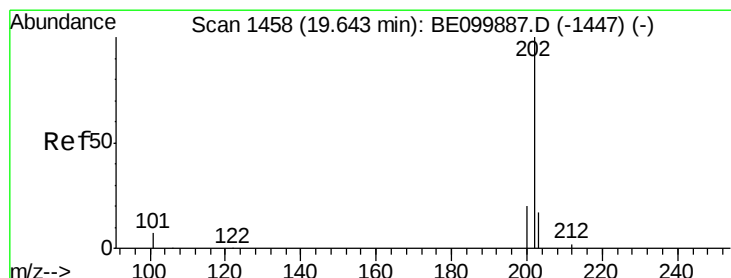
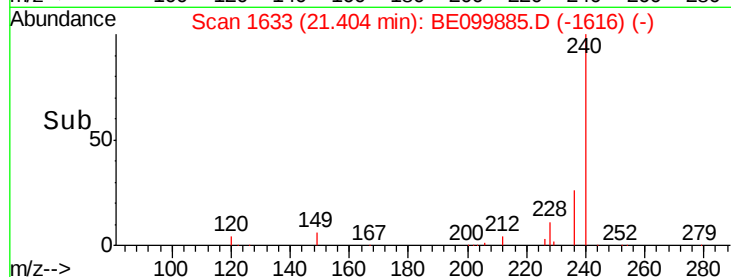
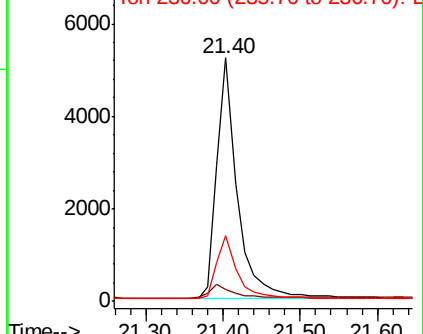
236 27.1 22.0 33.0



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: 0.095 ng

RT: 19.65 min Scan# 1459

Delta R.T. 0.01 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

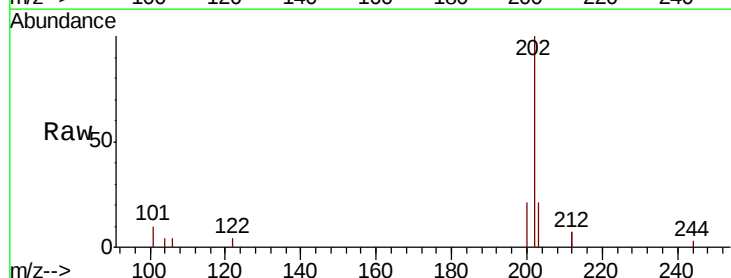
Tgt Ion:202 Resp: 2457

Ion Ratio Lower Upper

202 100

200 19.0 15.5 23.3

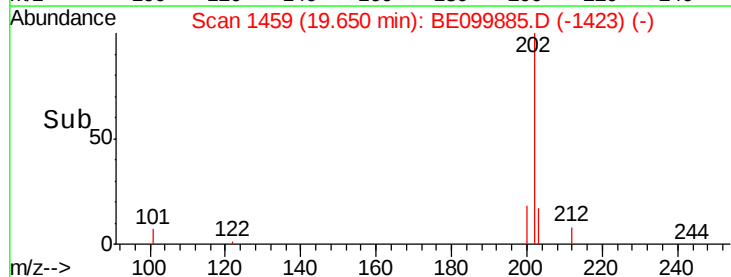
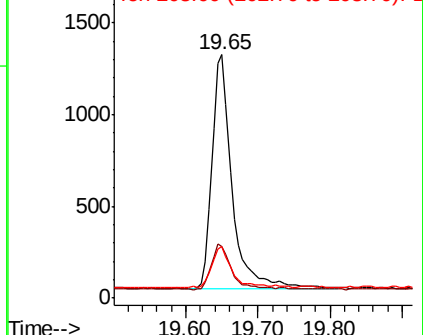
203 18.0 14.0 21.0



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: 0.089 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

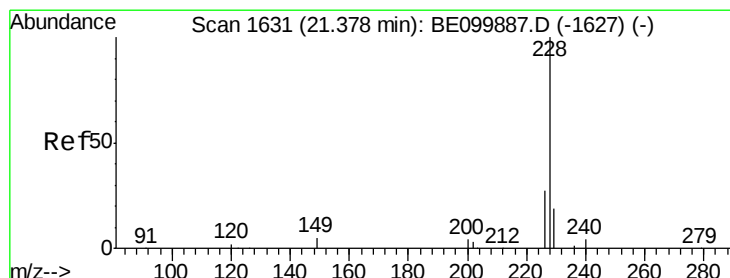
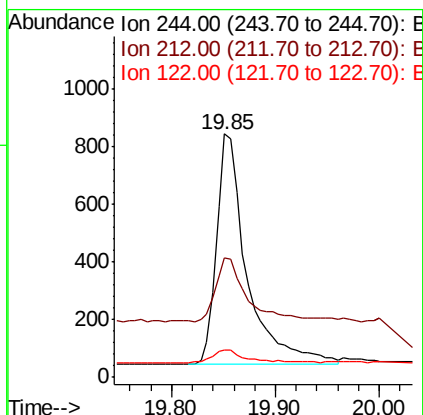
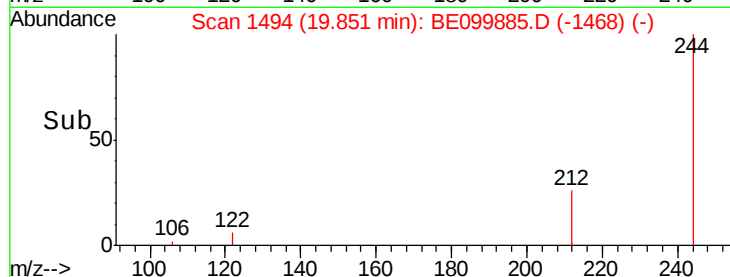
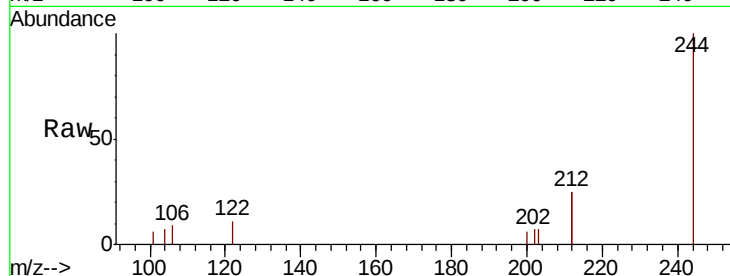
Tot Ion:244 Resp: 1624

Ion Ratio Lower Upper

244 100

212 49.1 25.7 38.5#

122 11.5 5.5 8.3#



#30

Benzo(a)anthracene

Concen: 0.093 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.06 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

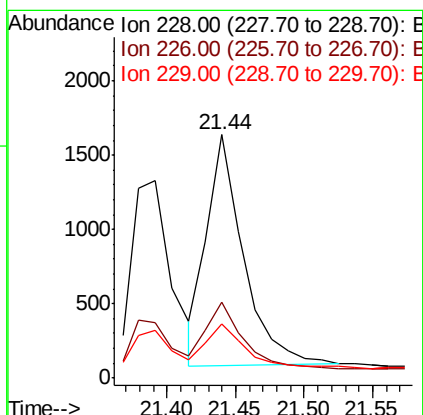
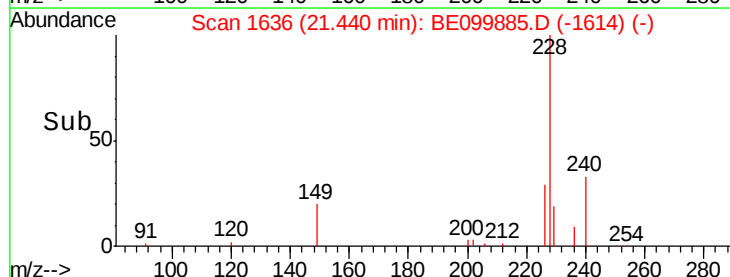
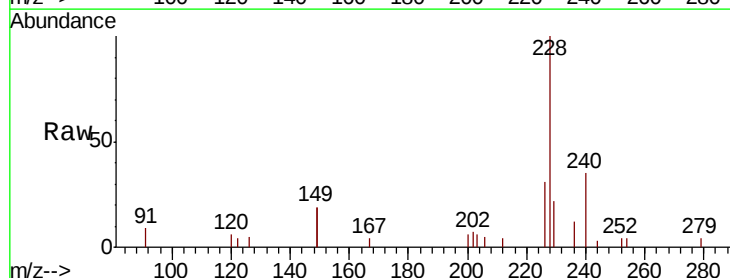
Tgt Ion:228 Resp: 2899

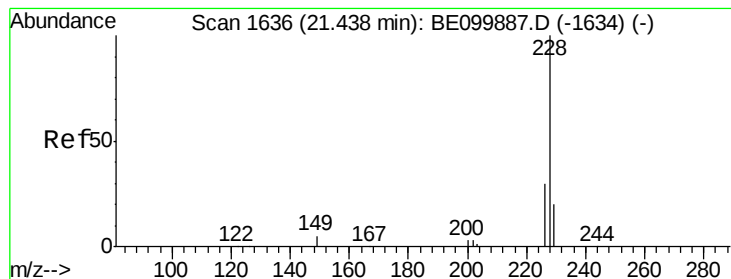
Ion Ratio Lower Upper

228 100

226 31.1 22.5 33.7

229 22.4 15.9 23.9





#31

Chrysene

Concen: 0.093 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

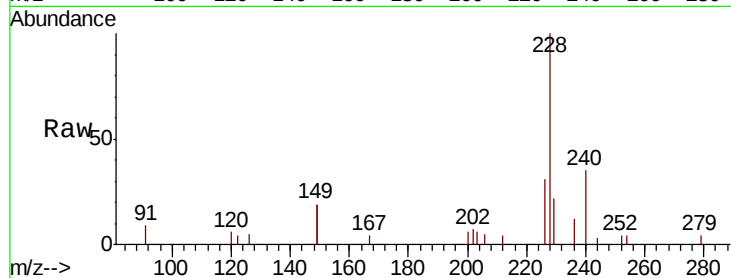
Tot Ion:228 Resp: 2841

Ion Ratio Lower Upper

228 100

226 31.1 24.1 36.1

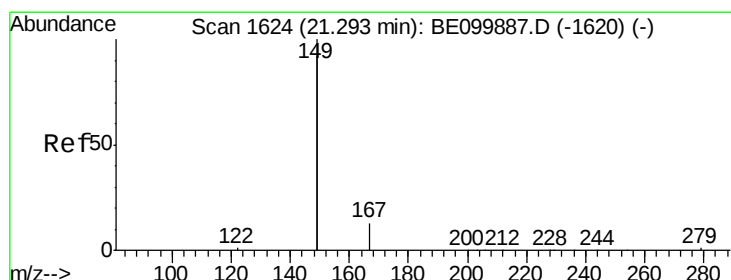
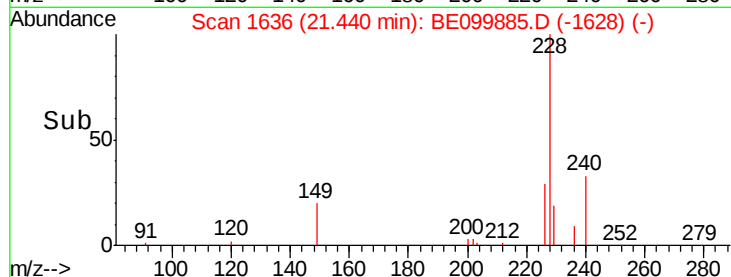
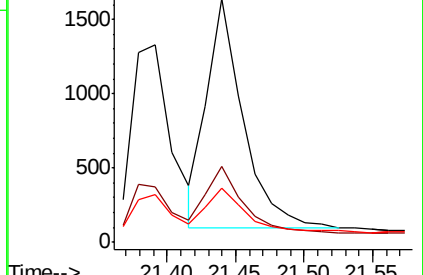
229 22.4 16.1 24.1



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: 0.098 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

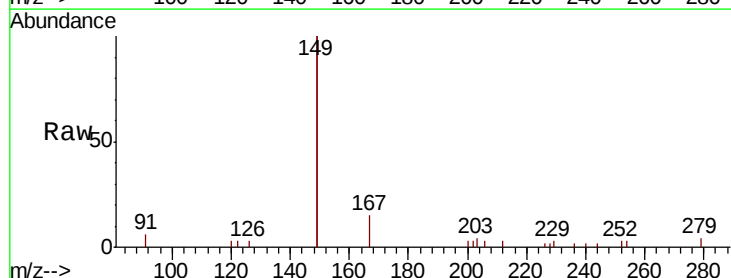
Tgt Ion:149 Resp: 4978

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

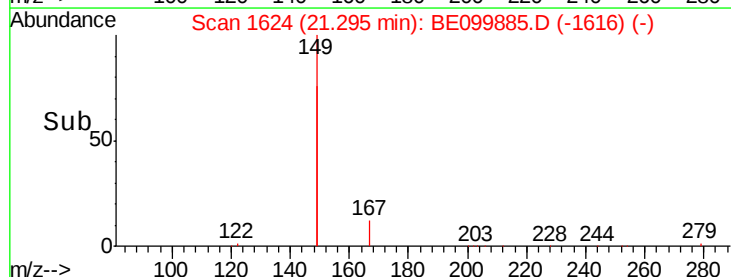
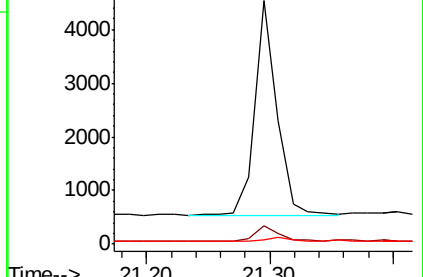
279 1.9 1.2 1.8#

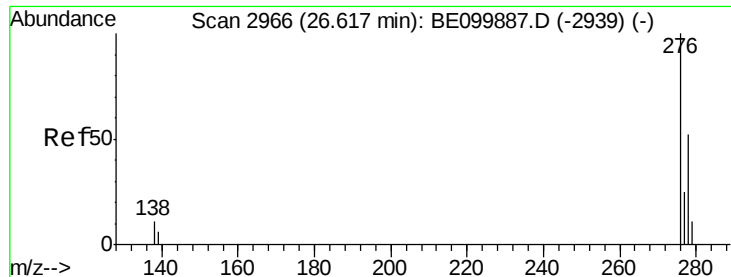


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.091 ng

RT: 26.62 min Scan# 2968

Delta R.T. 0.01 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

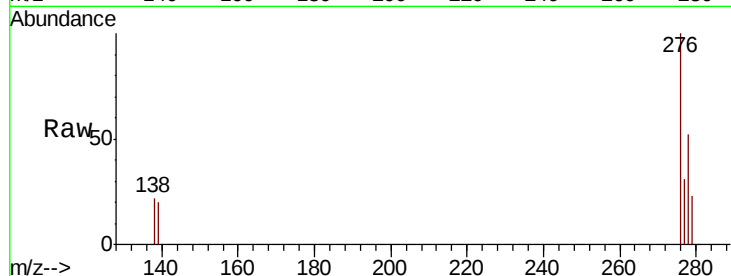
Tot Ion:276 Resp: 3391

Ion Ratio Lower Upper

276 100

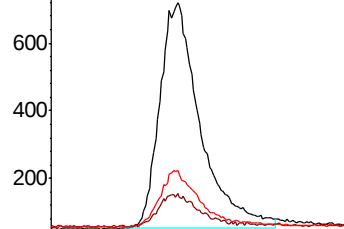
138 13.0 10.1 15.1

277 23.1 19.1 28.7

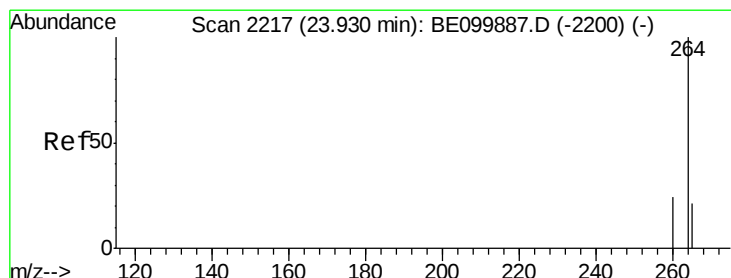
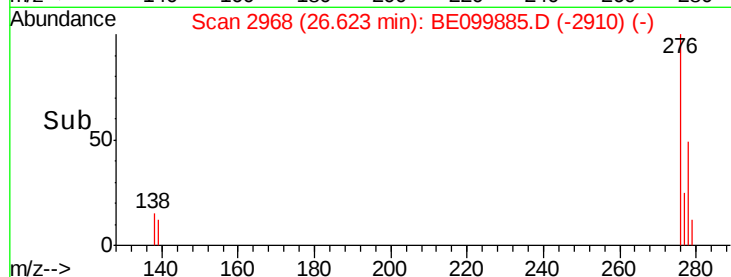


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

26.62



Time--> 26.40 26.60 26.80



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

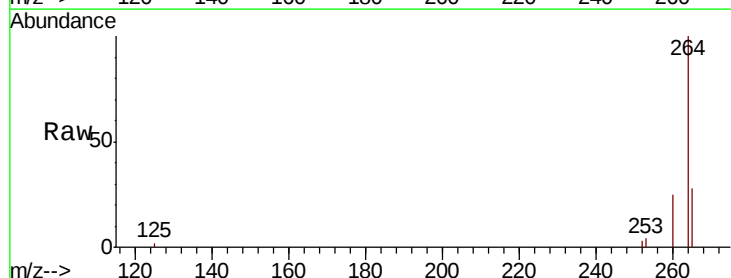
Tgt Ion:264 Resp: 10541

Ion Ratio Lower Upper

264 100

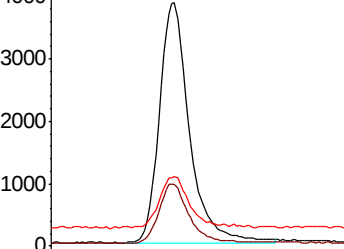
260 25.5 20.2 30.2

265 28.4 22.0 33.0

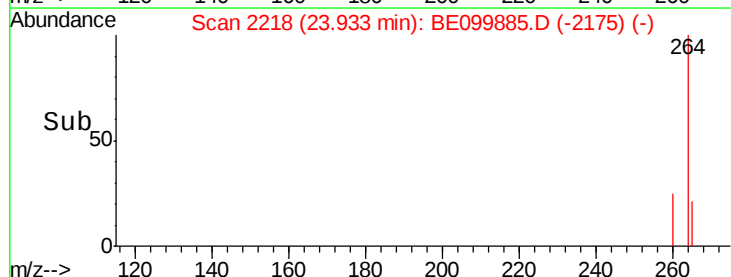


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

23.93



Time--> 23.80 23.90 24.00 24.10





#35

Benzo(b)fluoranthene

Concen: 0.091 ng

RT: 23.15 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

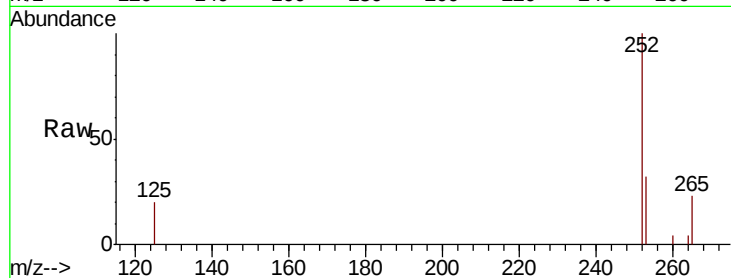
Tot Ion:252 Resp: 2678

Ion Ratio Lower Upper

252 100

253 32.2 18.7 28.1#

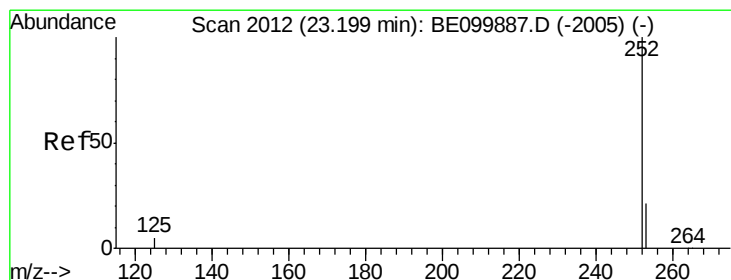
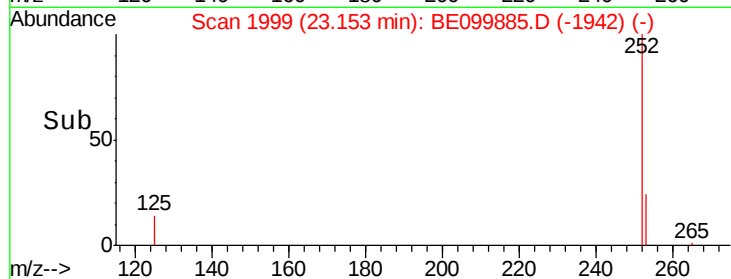
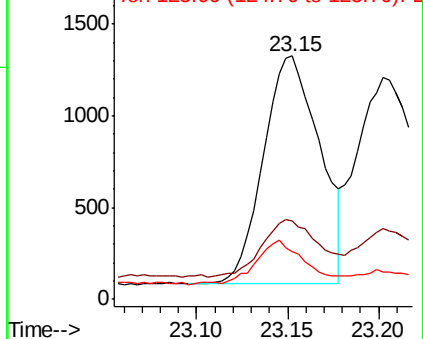
125 19.7 5.7 8.5#



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: 0.094 ng

RT: 23.20 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

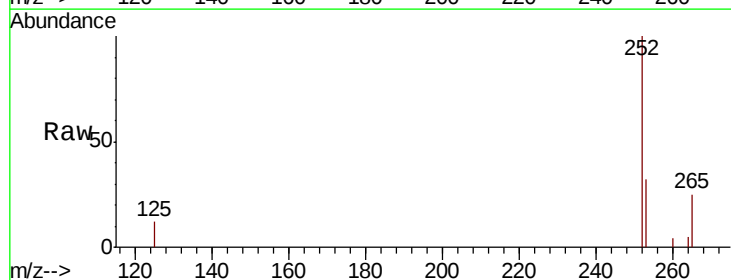
Tgt Ion:252 Resp: 2742

Ion Ratio Lower Upper

252 100

253 32.1 18.6 28.0#

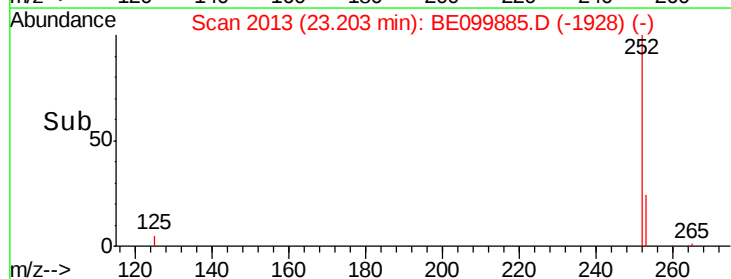
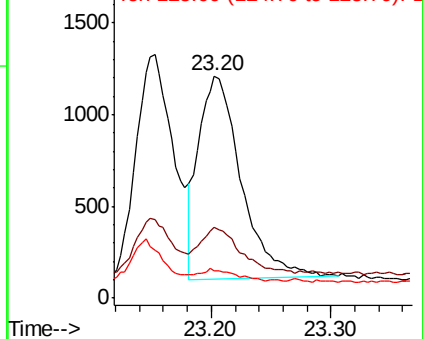
125 12.1 5.4 8.0#



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: 0.098 ng

RT: 23.82 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

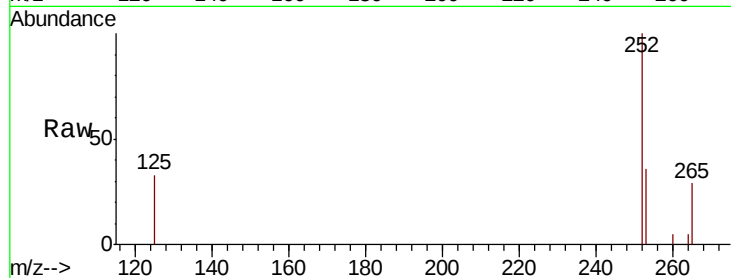
Tot Ion:252 Resp: 2778

Ion Ratio Lower Upper

252 100

253 36.4 19.6 29.4#

125 33.1 6.6 10.0#

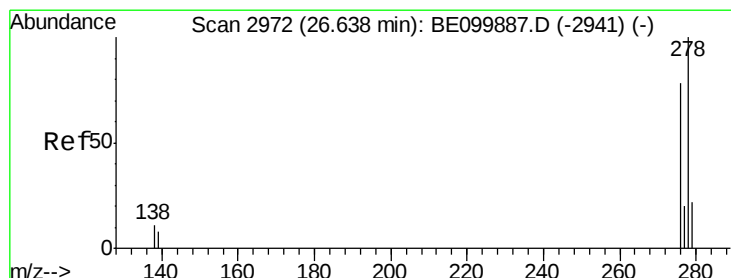
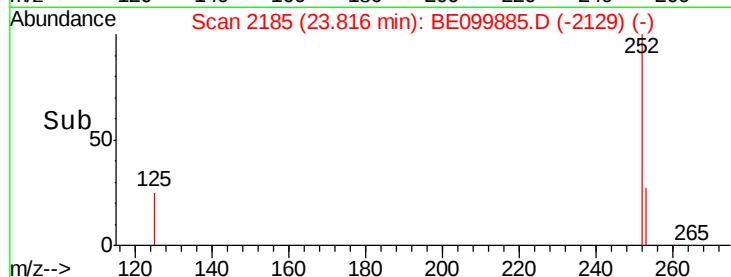
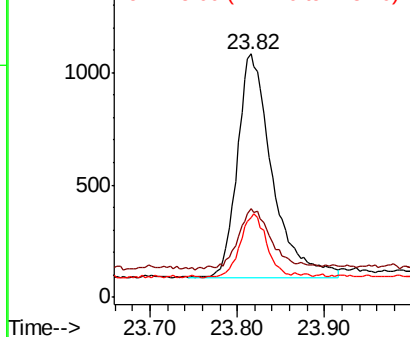


Abundance

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: 0.090 ng

RT: 26.65 min Scan# 2975

Delta R.T. 0.01 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

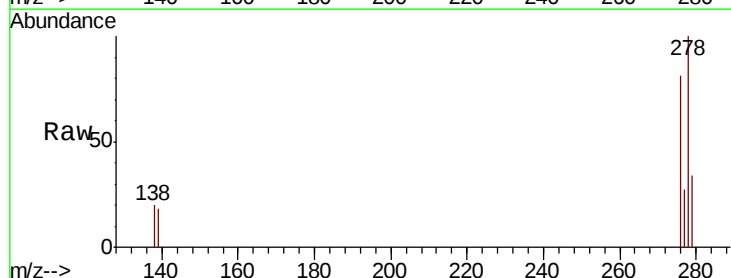
Tgt Ion:278 Resp: 2611

Ion Ratio Lower Upper

278 100

139 18.2 7.8 11.8#

279 33.7 20.0 30.0#

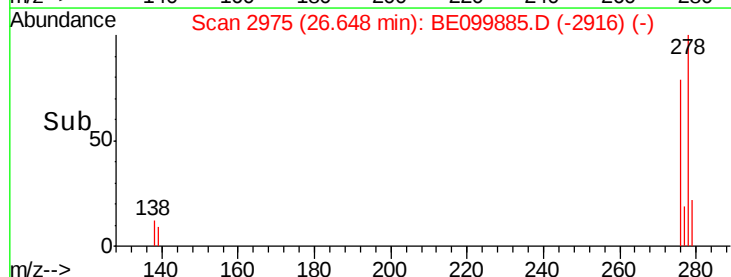
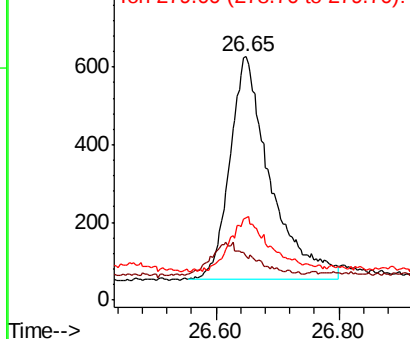


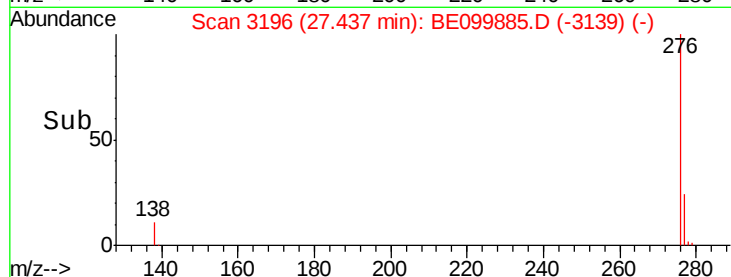
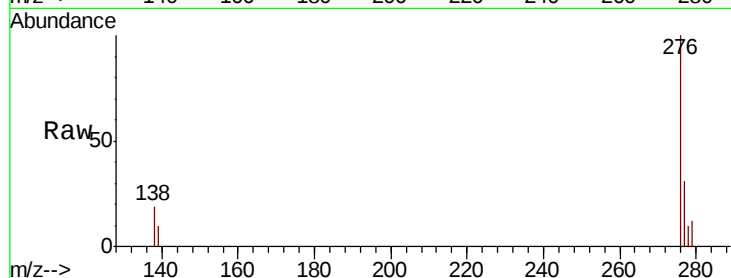
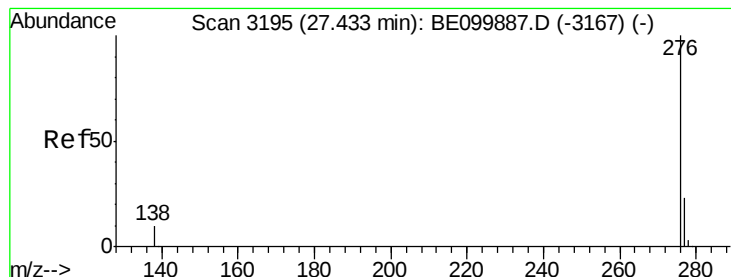
Abundance

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(a,h,i)perylene

Concen: 0.094 ng

RT: 27.44 min Scan# 3196

Delta R.T. 0.00 min

Lab File: BE099885.D

Acq: 10 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion:276 Resp: 2767

Ion Ratio Lower Upper

276 100

277 30.5 19.5 29.3#

138 18.8 9.5 14.3#

