

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120619\
 Data File : BE100799.D
 Acq On : 6 Dec 2019 9:55
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 06 12:49:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5789	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	28326	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	16450	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	33763	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	31744	0.40	ng	0.00
34) Perylene-d12	23.75	264	38941	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	6647	0.48	ng	0.00
5) Phenol-d6	6.93	99	10237	0.49	ng	0.00
8) Nitrobenzene-d5	8.90	82	7984	0.59	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	16166	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1461	0.80	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	23551	0.36	ng	0.00
25) Fluoranthene-d10	19.16	212	139474	0.35	ng	0.00
29) Terphenyl-d14	19.76	244	29699	0.39	ng	0.00

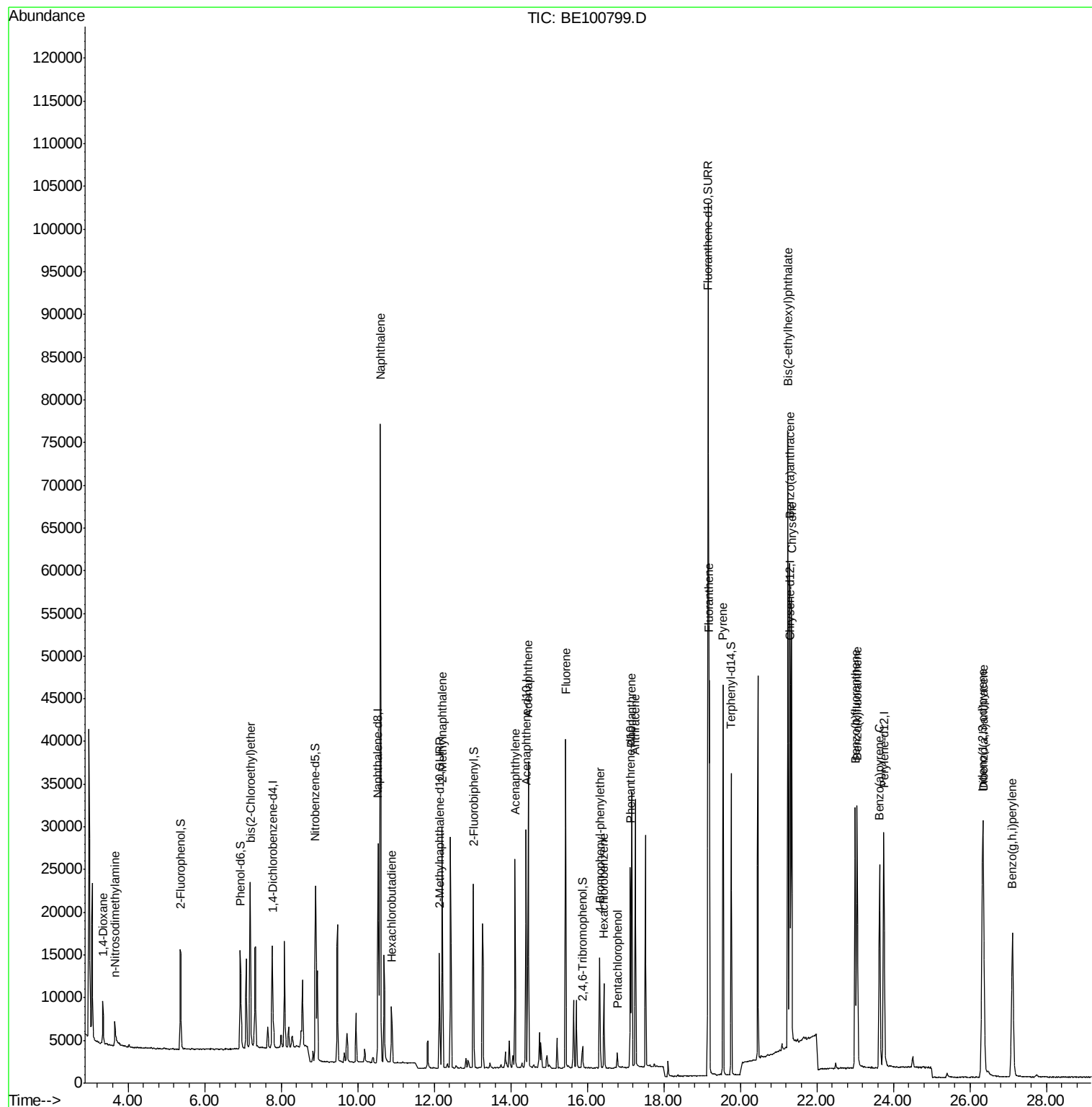
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	3685	0.349	ng	97
3) n-Nitrosodimethylamine	3.65	42	3390	0.395	ng	# 92
6) bis(2-Chloroethyl)ether	7.19	93	7967	0.398	ng	98
9) Naphthalene	10.59	128	115332	0.383	ng	100
10) Hexachlorobutadiene	10.89	225	4478	0.382	ng	98
12) 2-Methylnaphthalene	12.21	142	18265	0.389	ng	96
16) Acenaphthylene	14.11	152	26199	0.385	ng	99
17) Acenaphthene	14.46	154	17448	0.372	ng	98
18) Fluorene	15.43	166	21733	0.359	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	6553	0.396	ng	95
21) Hexachlorobenzene	16.44	284	7109	0.395	ng	99
22) Pentachlorophenol	16.79	266	1064	0.855	ng	# 79
23) Phenanthrene	17.16	178	38321	0.375	ng	100
24) Anthracene	17.25	178	32792	0.383	ng	98
26) Fluoranthene	19.19	202	41497	0.340	ng	100
28) Pyrene	19.55	202	41999	0.407	ng	100
30) Benzo(a)anthracene	21.29	228	41264	0.441	ng	100
31) Chrysene	21.34	228	41938	0.381	ng	98
32) Bis(2-ethylhexyl)phthalate	21.25	149	80095	1.091	ng	99
33) Indeno(1,2,3-cd)pyrene	26.32	276	47145	0.492	ng	100
35) Benzo(b)fluoranthene	23.00	252	41515	0.389	ng	100
36) Benzo(k)fluoranthene	23.05	252	42612	0.356	ng	100
37) Benzo(a)pyrene	23.64	252	38368	0.416	ng	100
38) Dibenzo(a,h)anthracene	26.36	278	37887	0.413	ng	99
39) Benzo(g,h,i)perylene	27.11	276	39177	0.399	ng	98

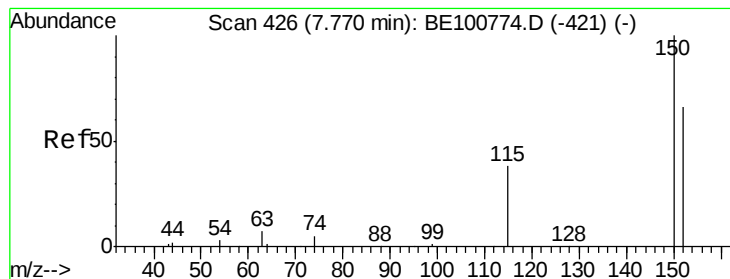
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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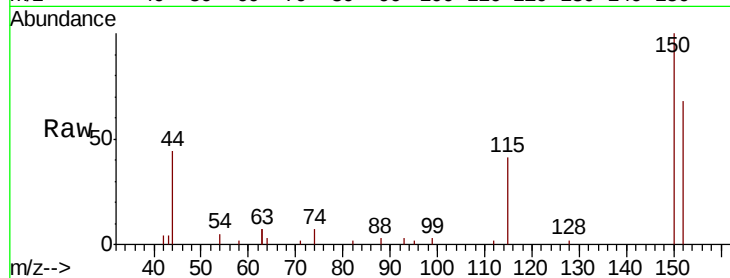


#1

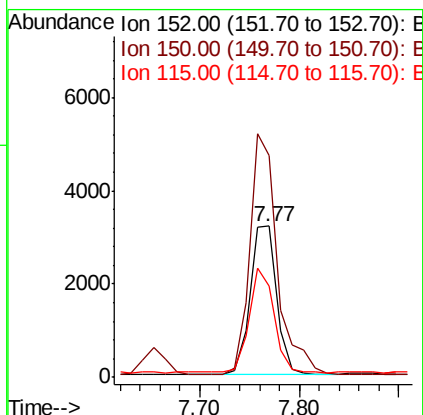
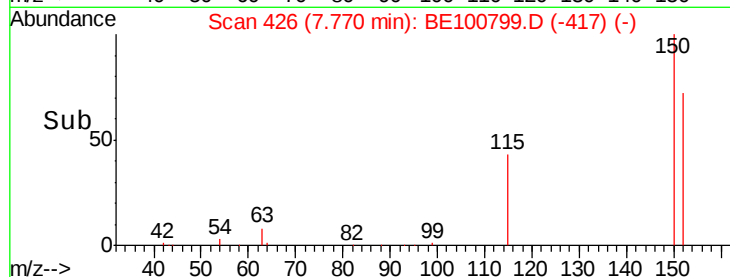
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100799.D
Acq: 6 Dec 2019 9:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 5789
Ion Ratio Lower Upper
152 100
150 147.0 120.6 181.0
115 60.9 47.4 71.2



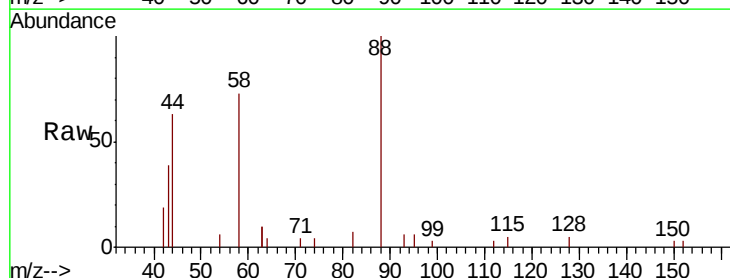
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



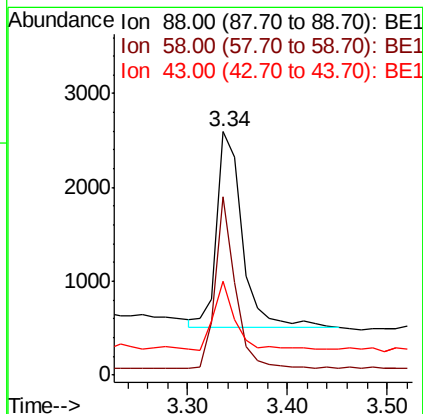
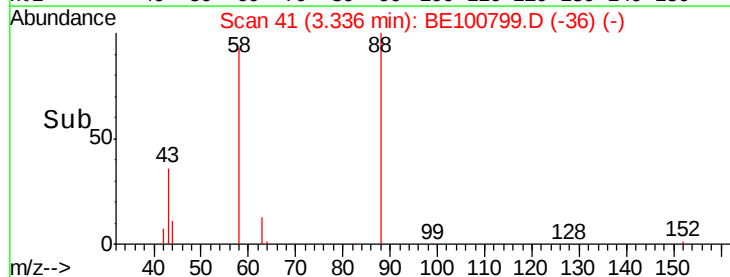
#2

1,4-Dioxane
Concen: 0.349 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100799.D
Acq: 6 Dec 2019 9:55

Tgt Ion: 88 Resp: 3685
Ion Ratio Lower Upper
88 100
58 68.1 52.5 78.7
43 30.3 23.0 34.6



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.395 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

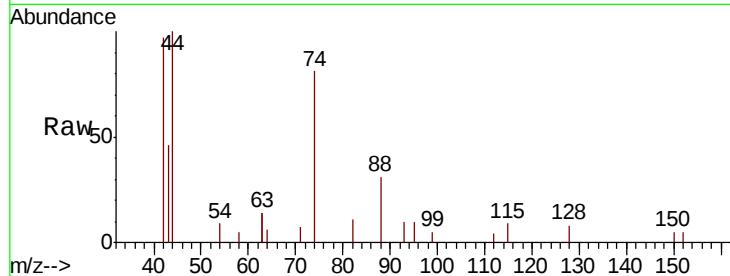
Tot Ion: 42 Resp: 3390

Ion Ratio Lower Upper

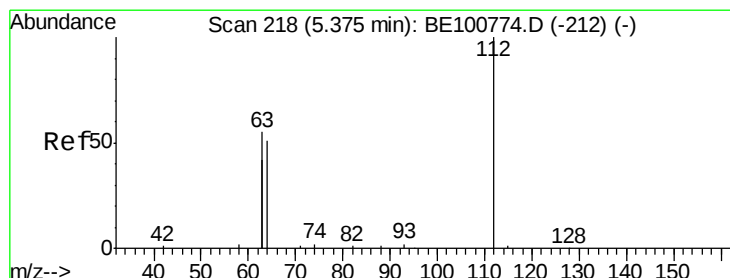
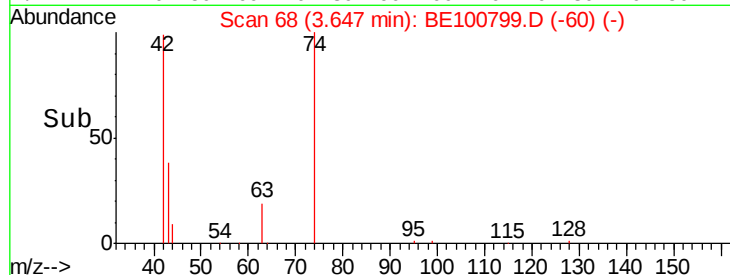
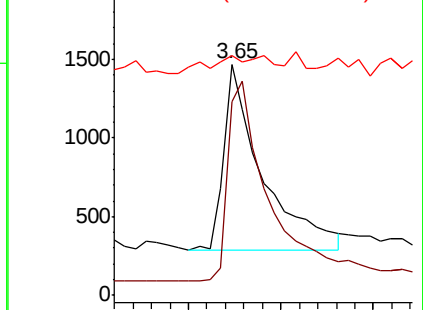
42 100

74 115.0 86.3 129.5

44 7.8 11.6 17.4#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.484 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

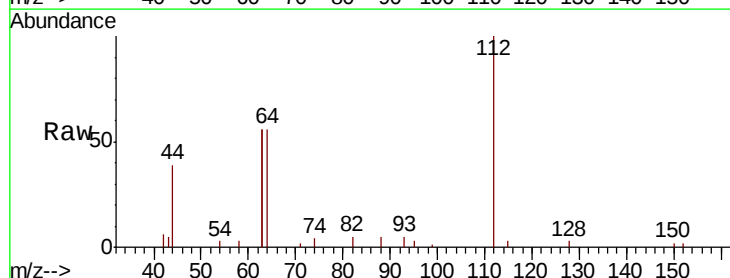
Tgt Ion: 112 Resp: 6647

Ion Ratio Lower Upper

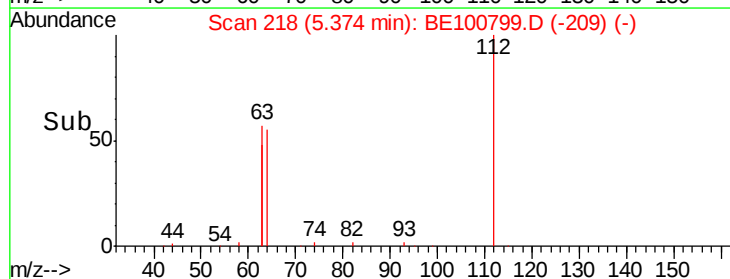
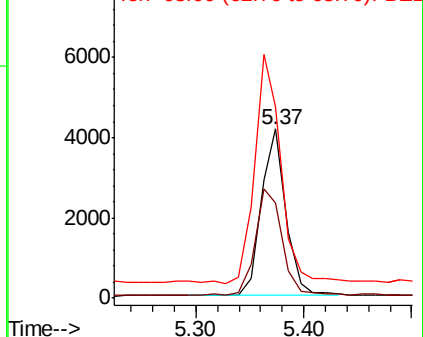
112 100

64 68.7 54.1 81.1

63 143.2 113.2 169.8



Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.494 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

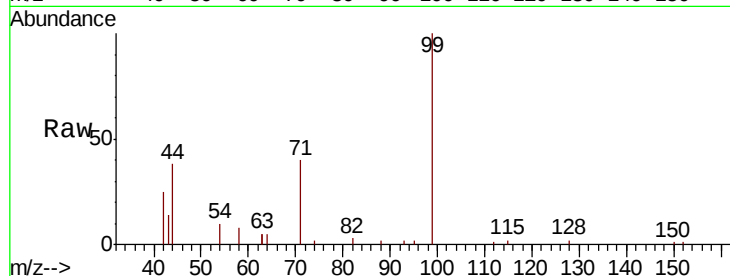
Tot Ion: 99 Resp: 10237

Ion Ratio Lower Upper

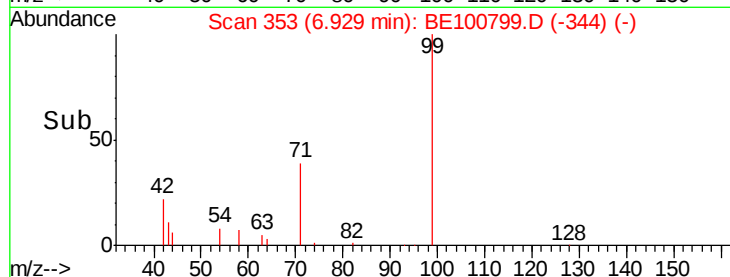
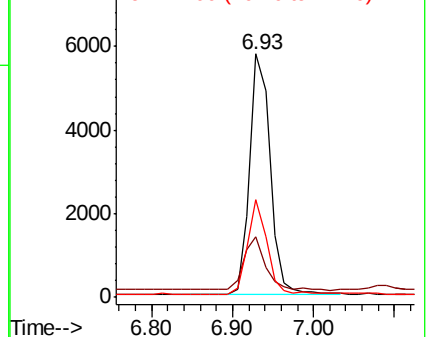
99 100

42 23.2 19.1 28.7

71 36.1 27.7 41.5



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.398 ng

RT: 7.19 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

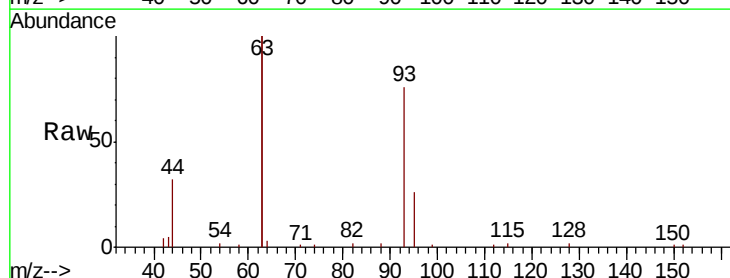
Tgt Ion: 93 Resp: 7967

Ion Ratio Lower Upper

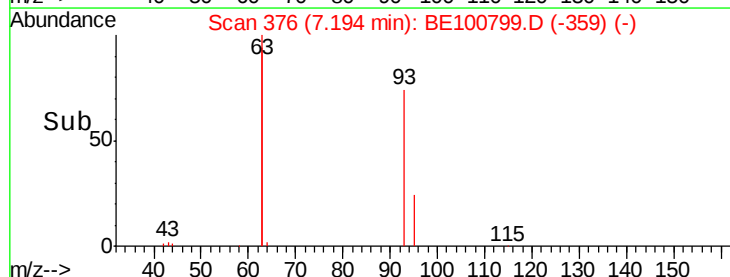
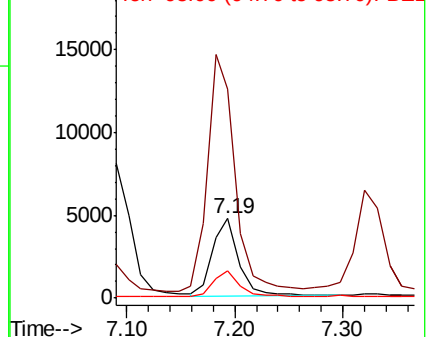
93 100

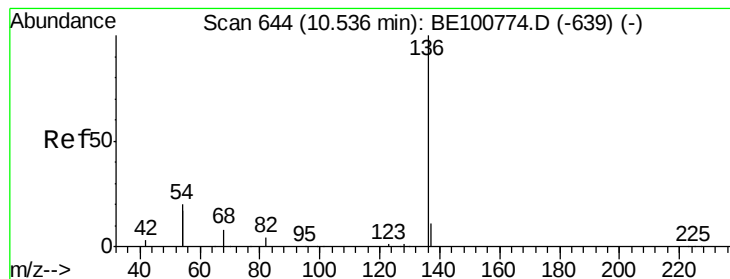
63 319.2 259.4 389.0

95 32.0 26.2 39.2



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 28326

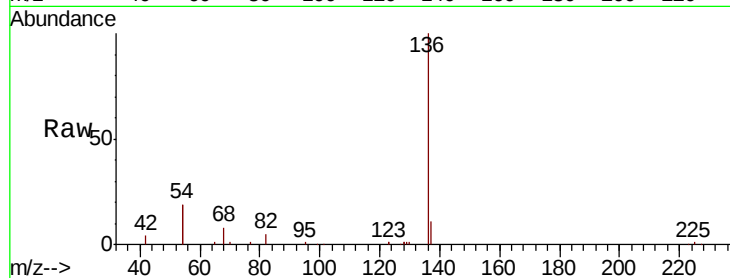
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 38.6 31.1 46.7

68 8.3 6.6 10.0

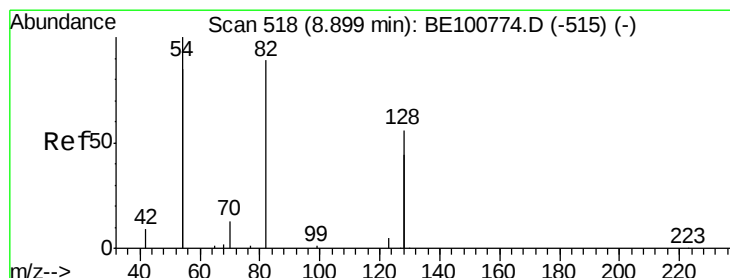
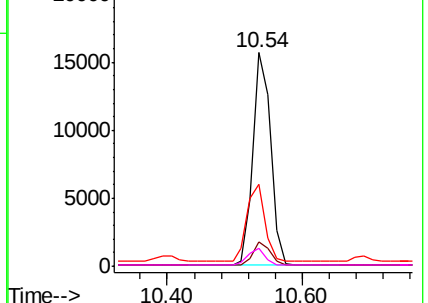
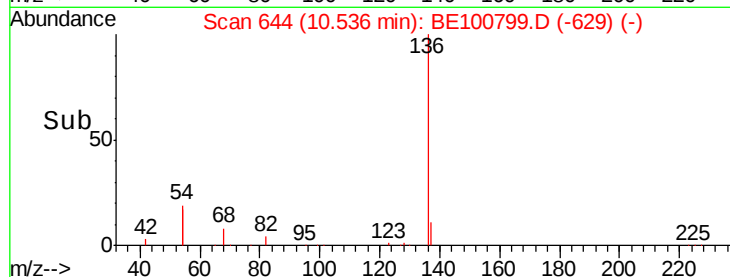


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.592 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

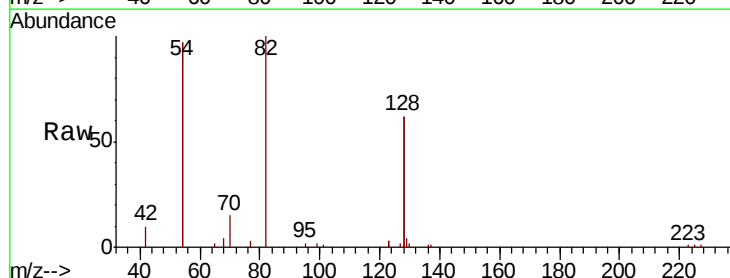
Tgt Ion: 82 Resp: 7984

Ion Ratio Lower Upper

82 100

128 124.0 97.0 145.4

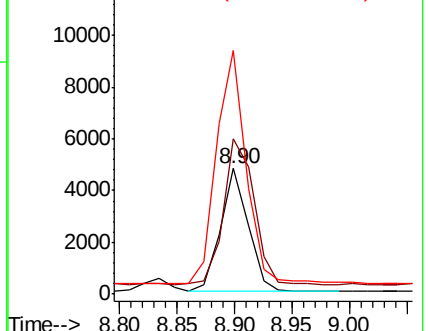
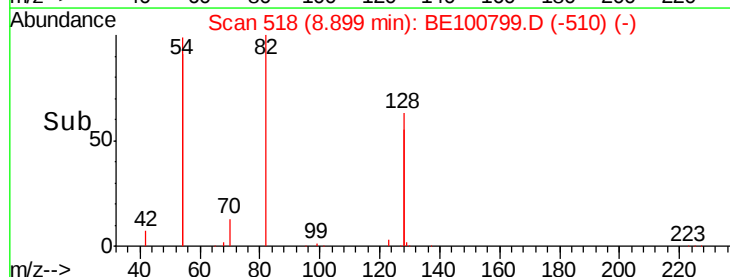
54 194.1 171.8 257.6



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.383 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

Instrument :

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ClientSampleId :

SSTDCCC0.4

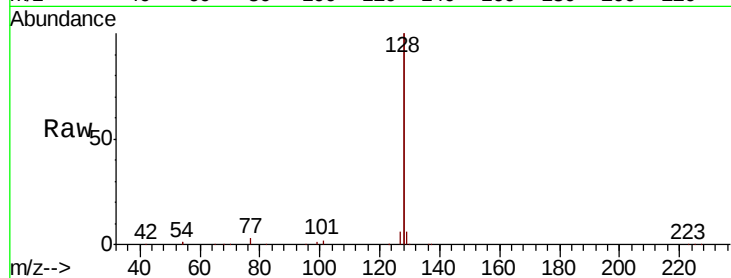
Tot Ion:128 Resp: 115332

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

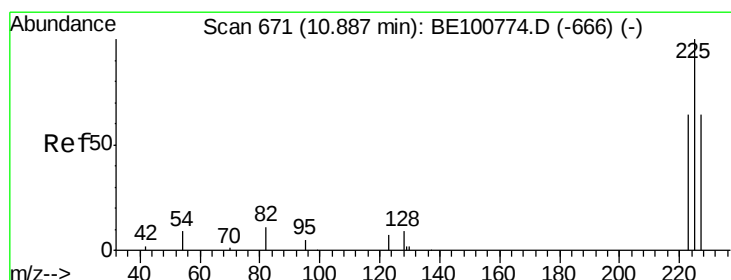
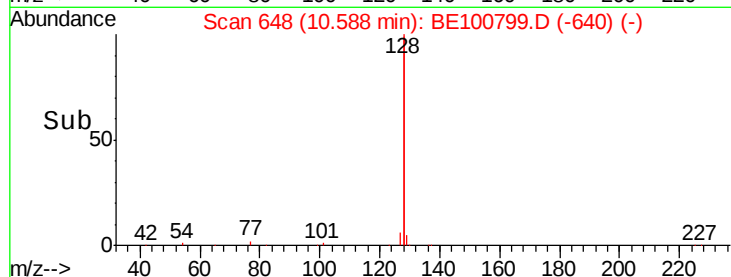
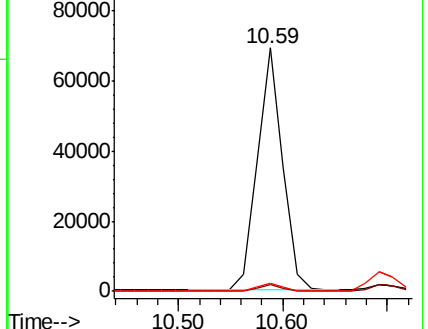
127 3.2 2.7 4.1



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: 0.382 ng

RT: 10.89 min Scan# 671

Delta R.T. -0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

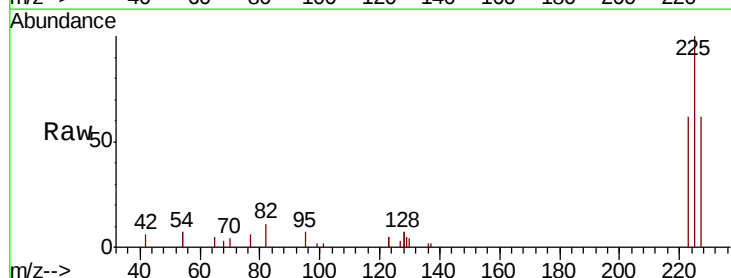
Tgt Ion:225 Resp: 4478

Ion Ratio Lower Upper

225 100

223 61.9 49.9 74.9

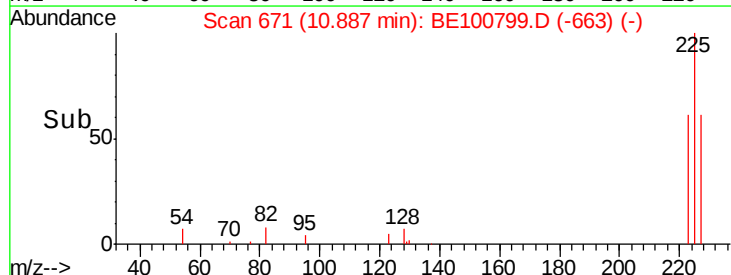
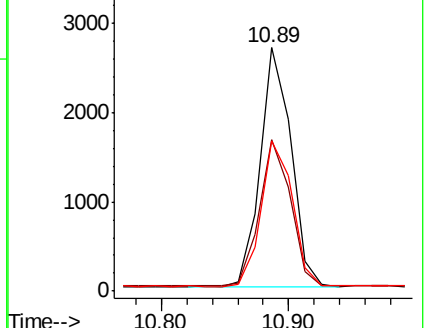
227 62.5 52.2 78.4



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: 0.394 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

Instrument :

BNA_E

ClientSampleId :

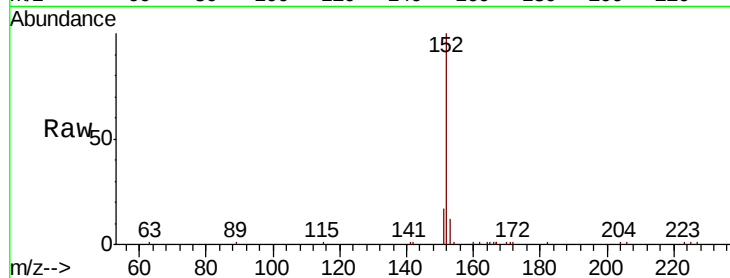
SSTDCCC0.4

Tot Ion:152 Resp: 16166

Ion Ratio Lower Upper

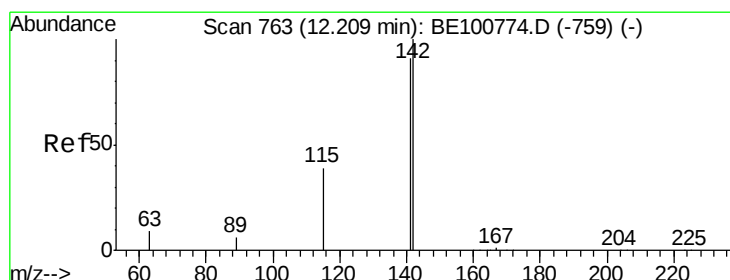
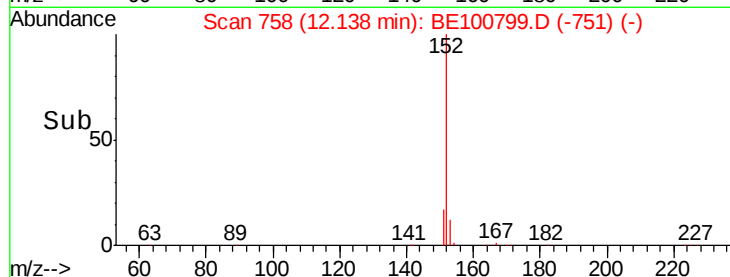
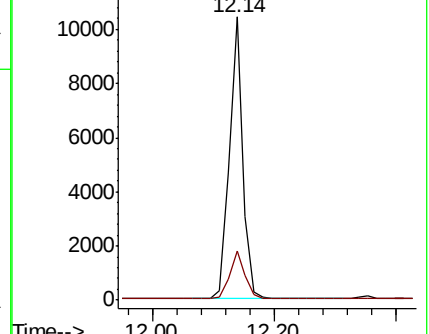
152 100

151 19.3 15.8 23.8



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: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

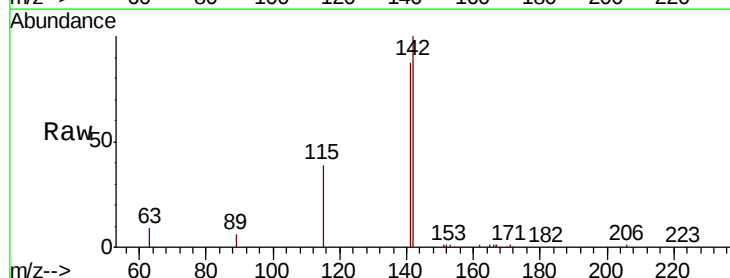
Tgt Ion:142 Resp: 18265

Ion Ratio Lower Upper

142 100

141 86.7 72.6 108.8

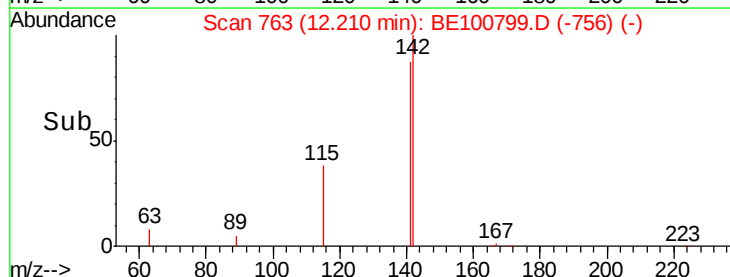
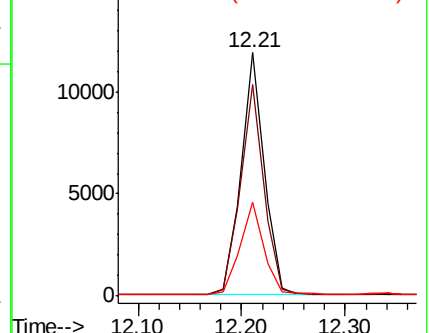
115 38.5 31.8 47.6

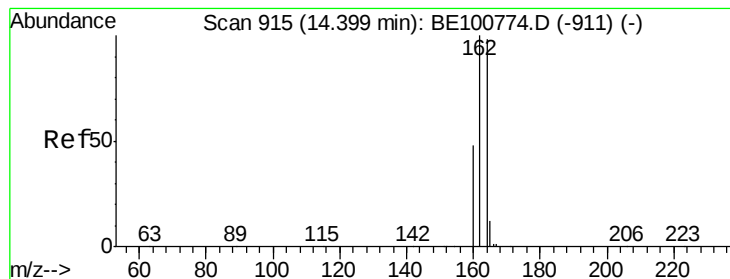


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

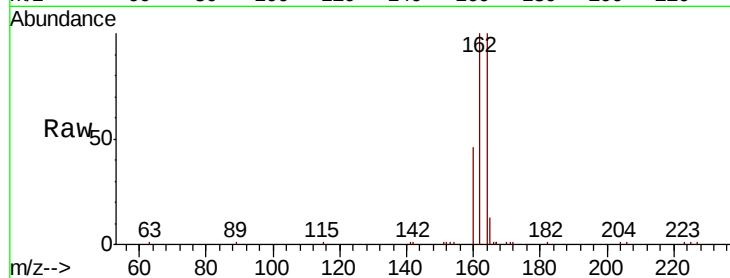
Tot Ion:164 Resp: 16450

Ion Ratio Lower Upper

164 100

162 100.5 81.4 122.0

160 45.8 39.4 59.0

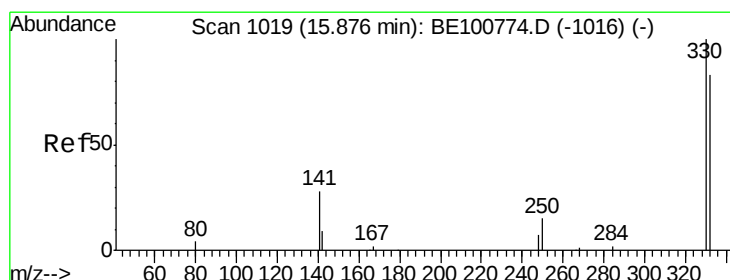
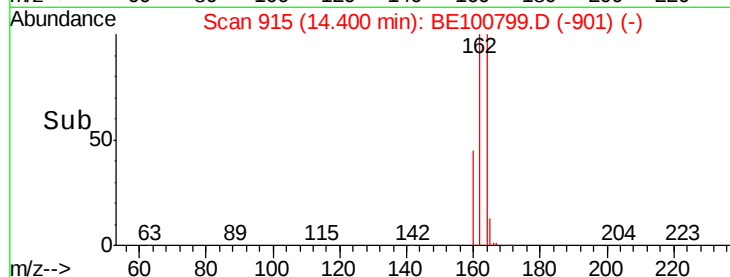
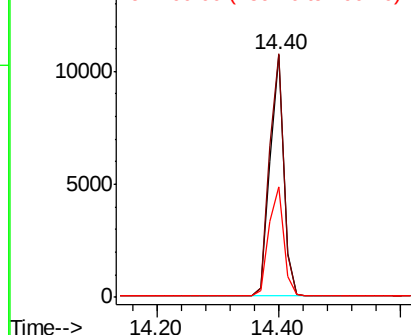


Abundance

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: 0.799 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

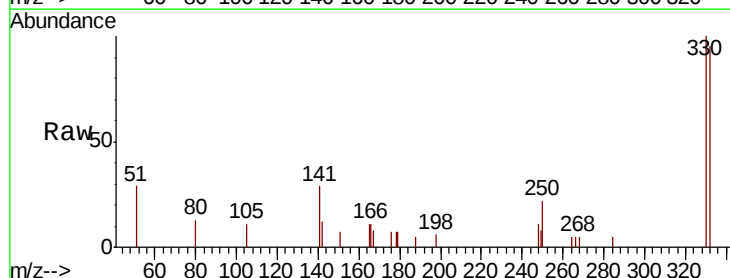
Tgt Ion:330 Resp: 1461

Ion Ratio Lower Upper

330 100

332 96.6 69.4 104.2

141 50.2 51.1 76.7#

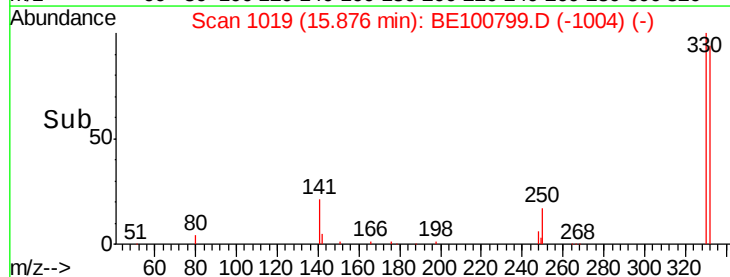
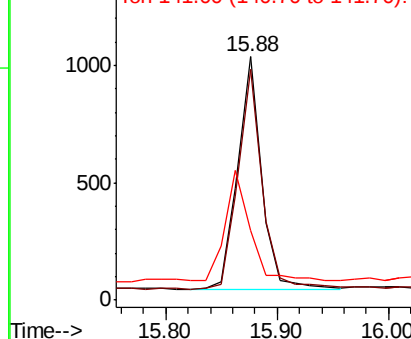


Abundance

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

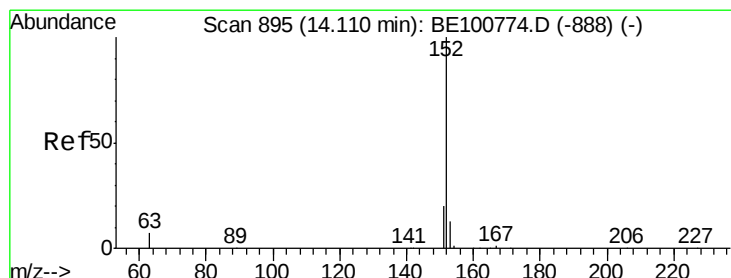
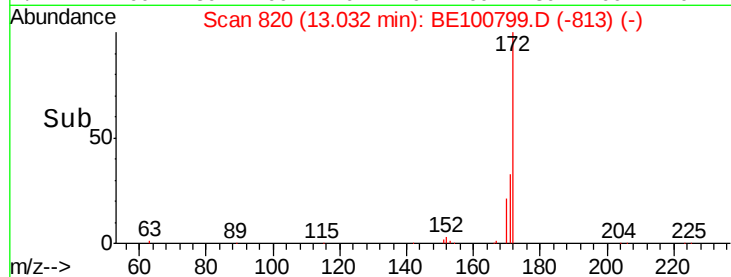
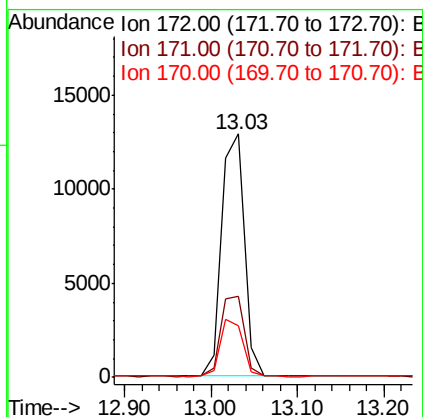
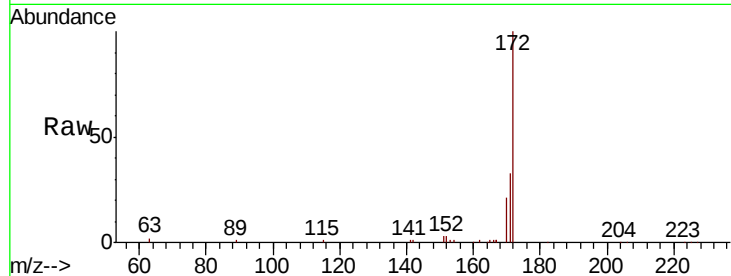




#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100799.D
Acq: 6 Dec 2019 9:55

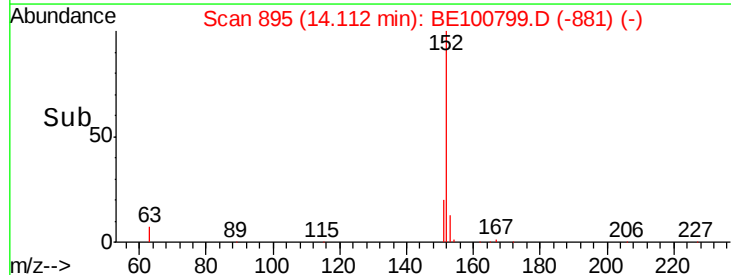
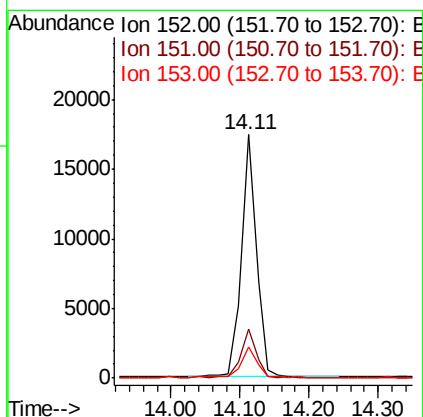
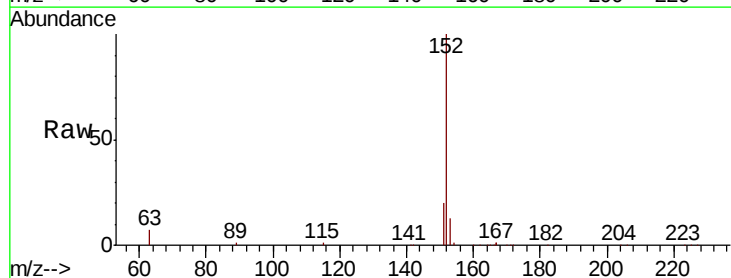
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 23551
Ion Ratio Lower Upper
172 100
171 33.0 27.2 40.8
170 21.4 18.0 27.0



#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100799.D
Acq: 6 Dec 2019 9:55

Tgt Ion:152 Resp: 26199
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 12.6 10.4 15.6





#17

Acenaphthene

Concen: 0.372 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

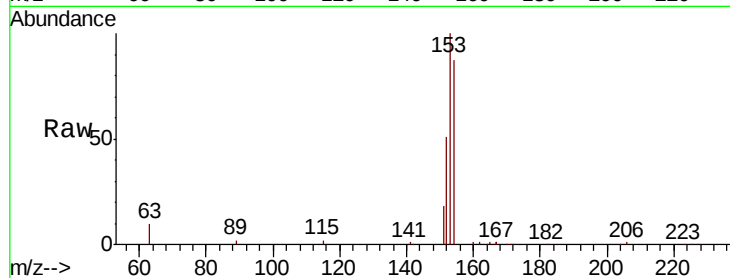
Tot Ion:154 Resp: 17448

Ion Ratio Lower Upper

154 100

153 113.5 92.2 138.2

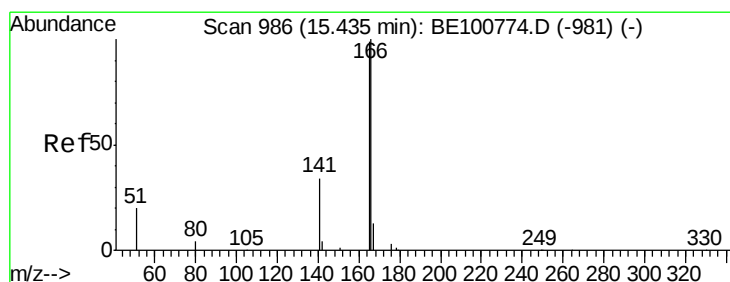
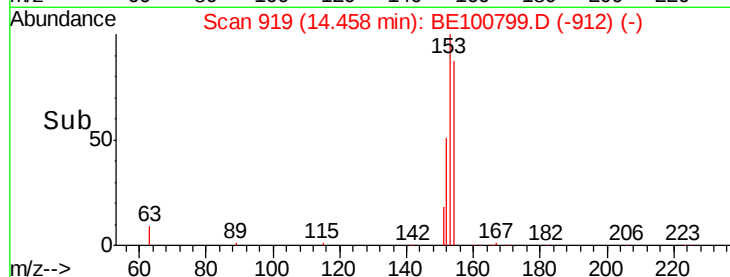
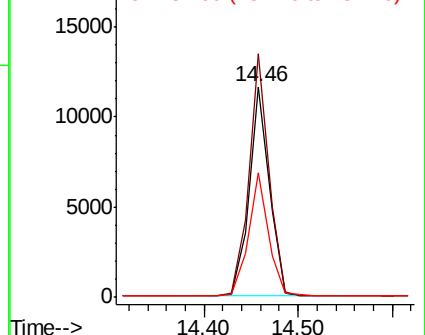
152 58.2 49.1 73.7



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: 0.359 ng

RT: 15.43 min Scan# 986

Delta R.T. -0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

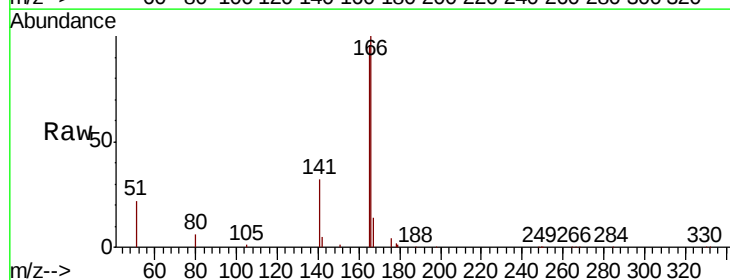
Tgt Ion:166 Resp: 21733

Ion Ratio Lower Upper

166 100

165 99.5 80.5 120.7

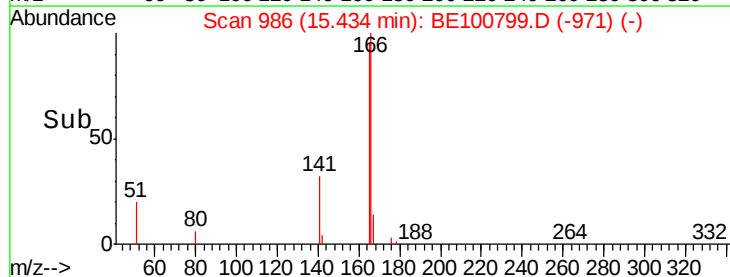
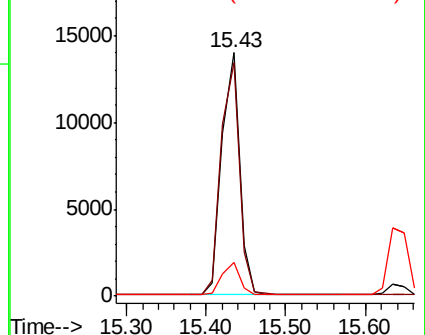
167 13.6 10.7 16.1

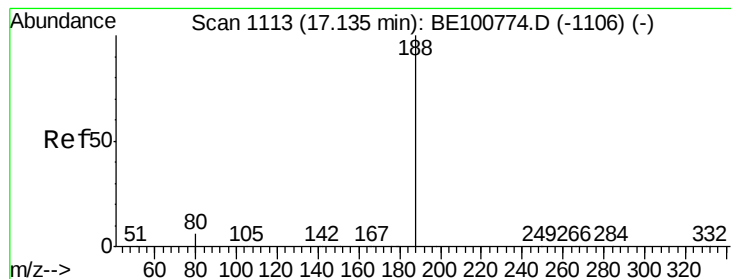


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

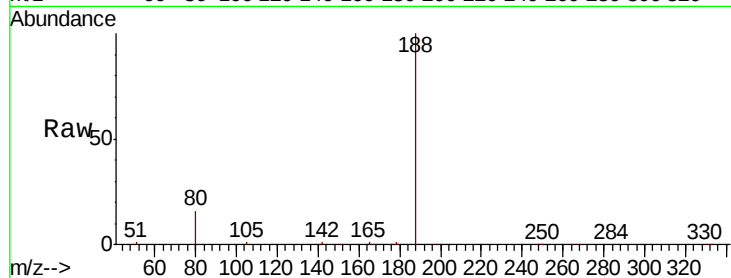
Tot Ion:188 Resp: 33763

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

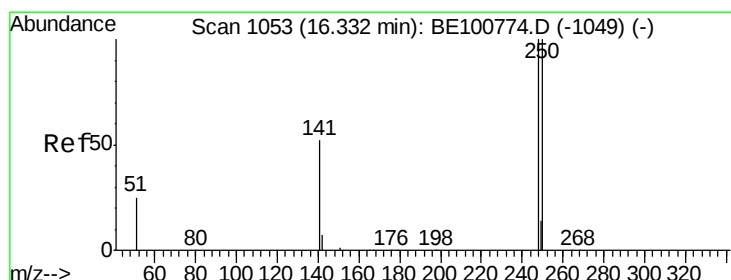
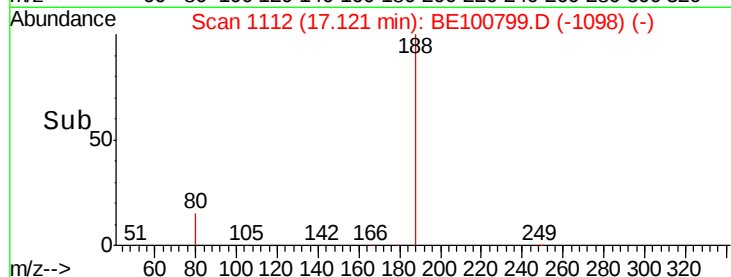
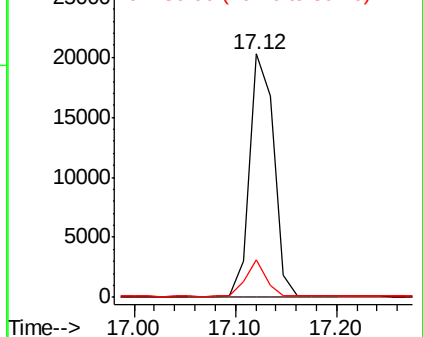
80 15.7 5.2 7.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.396 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

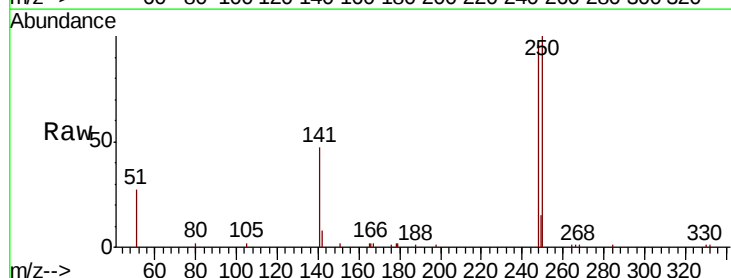
Tgt Ion:248 Resp: 6553

Ion Ratio Lower Upper

248 100

250 104.6 80.5 120.7

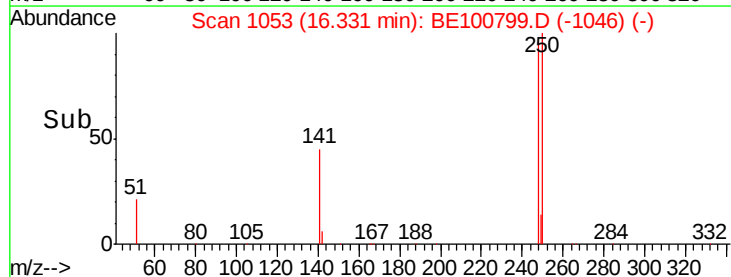
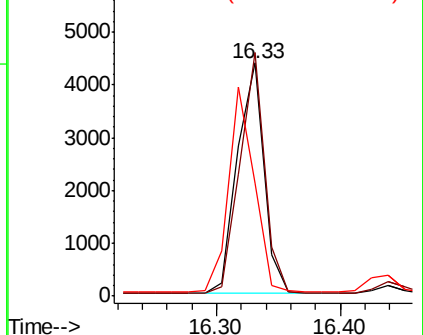
141 48.6 42.6 64.0



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

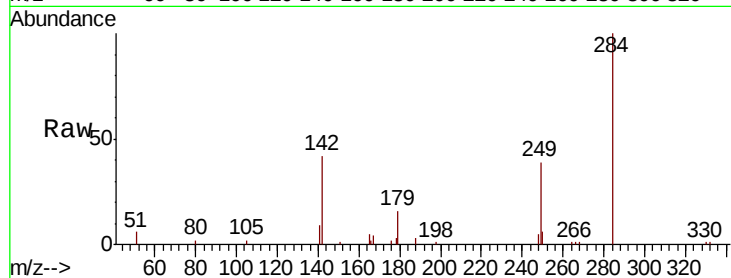




#21
Hexachlorobenzene
Concen: 0.395 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100799.D
Acq: 6 Dec 2019 9:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
284	100		
142	43.3	34.4	51.6
249	35.1	28.5	42.7

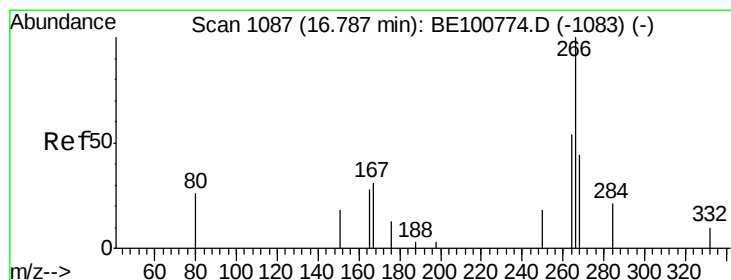
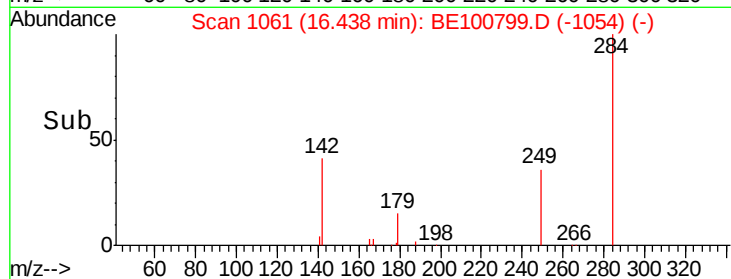
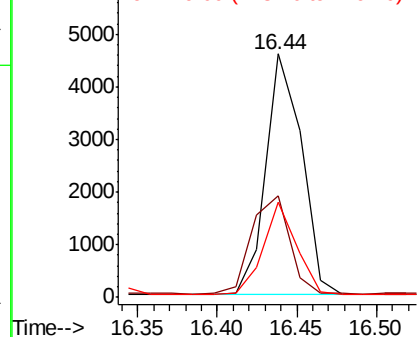


Abundance

Ion 283.80 (283.50 to 284.50): E

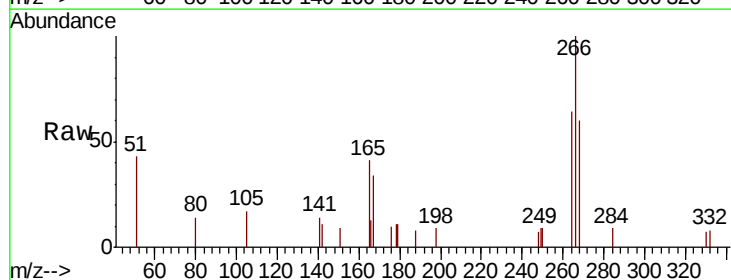
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.855 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100799.D
Acq: 6 Dec 2019 9:55

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.9	63.4	95.0
268	60.0	65.8	98.8

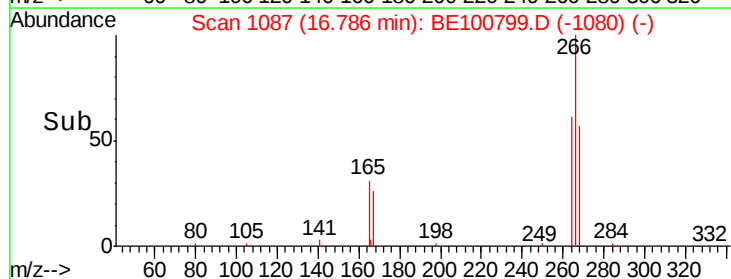
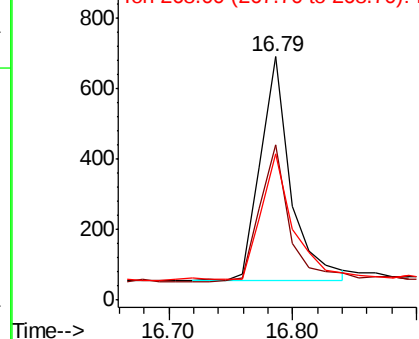


Abundance

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: 0.375 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

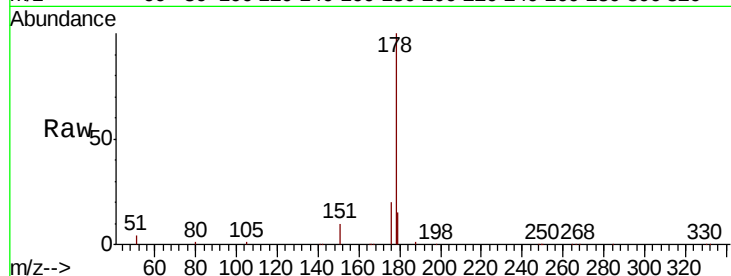
Tot Ion:178 Resp: 38321

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

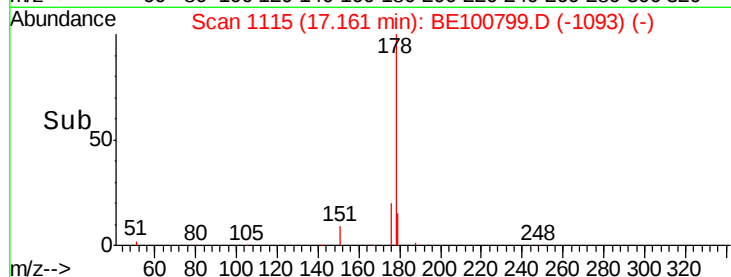
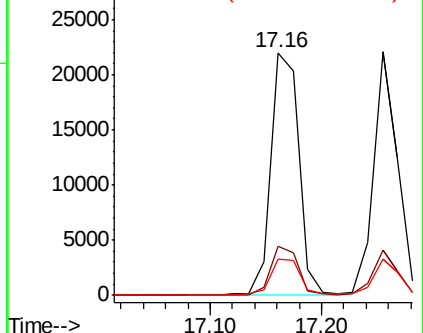
179 15.2 12.3 18.5



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



#24

Anthracene

Concen: 0.383 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

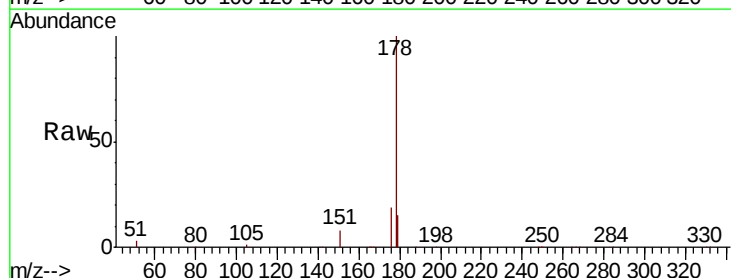
Tgt Ion:178 Resp: 32792

Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.2

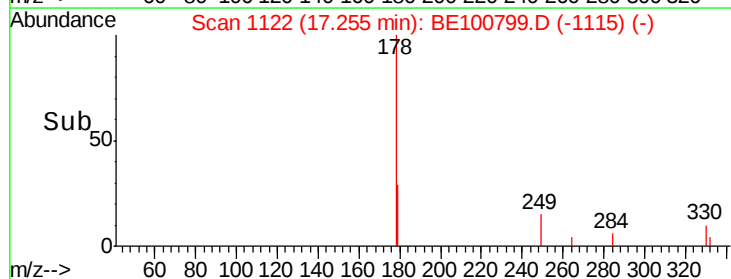
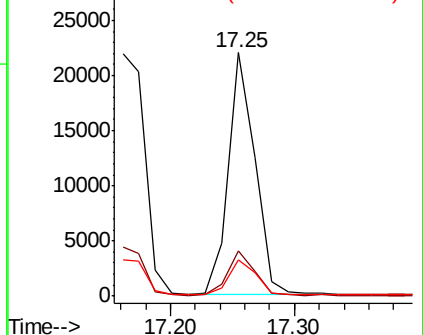
179 15.1 12.7 19.1



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: 0.350 ng

RT: 19.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

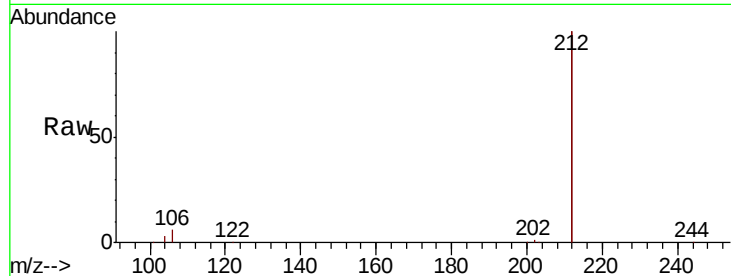
Tot Ion:212 Resp: 139474

Ion Ratio Lower Upper

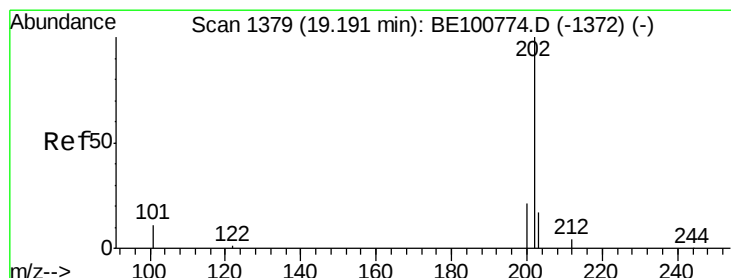
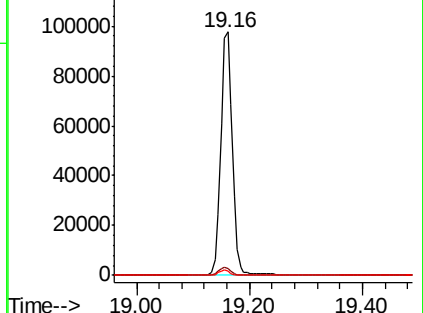
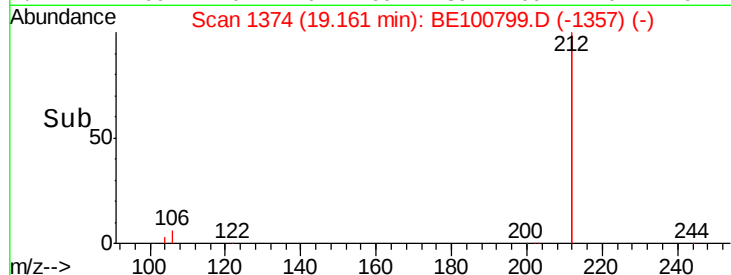
212 100

106 3.3 2.6 3.8

104 1.8 1.4 2.2



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.340 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

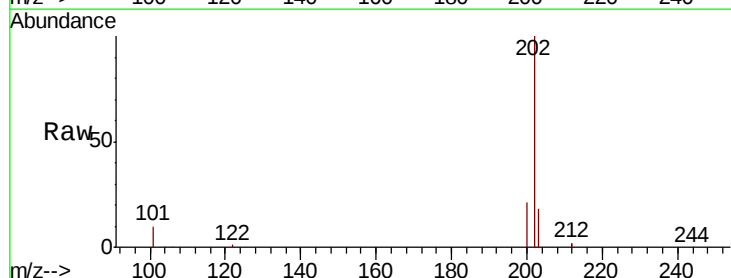
Tgt Ion:202 Resp: 41497

Ion Ratio Lower Upper

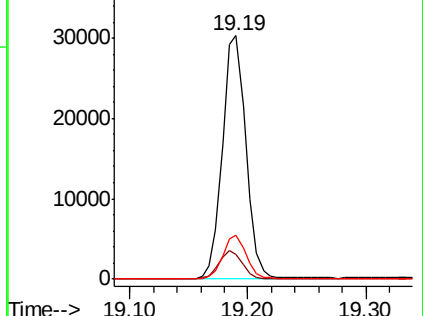
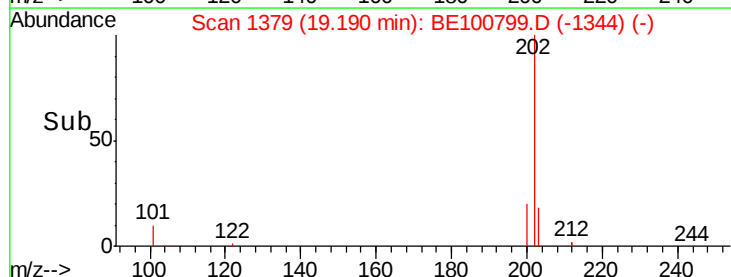
202 100

101 11.6 9.1 13.7

203 17.2 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

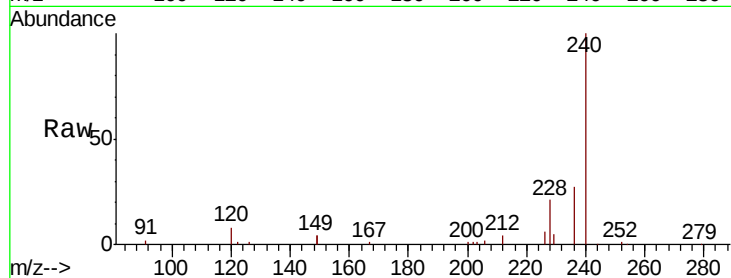
Tot Ion:240 Resp: 31744

Ion Ratio Lower Upper

240 100

120 8.0 10.2 15.2#

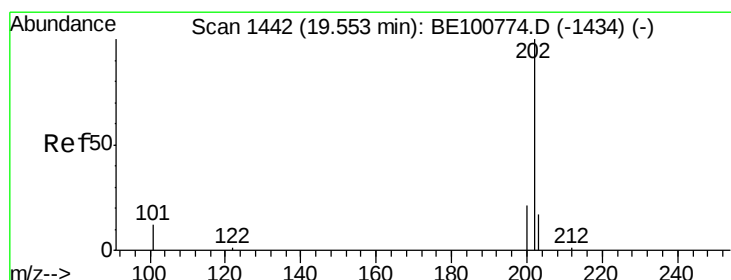
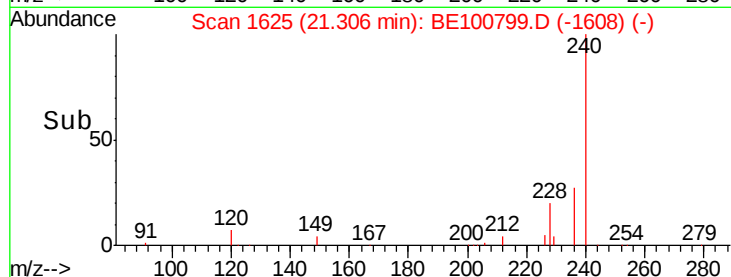
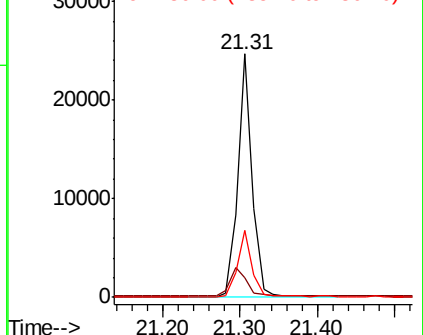
236 27.4 22.3 33.5



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: 0.407 ng

RT: 19.55 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

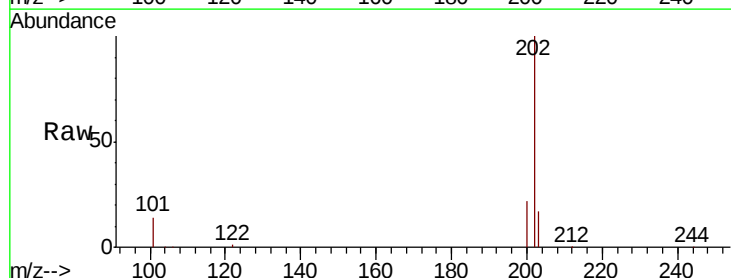
Tgt Ion:202 Resp: 41999

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

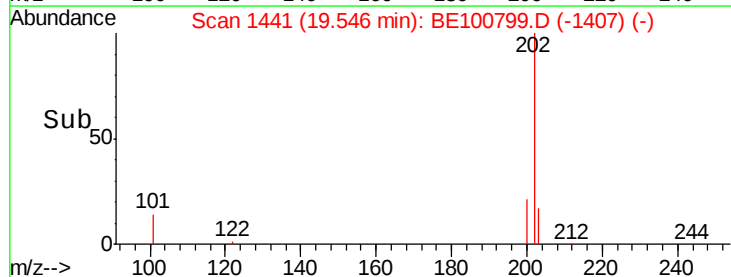
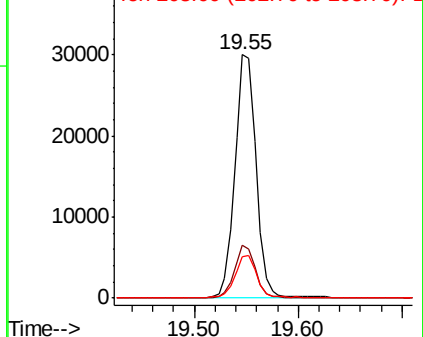
203 17.5 13.9 20.9



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: 0.391 ng

RT: 19.76 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

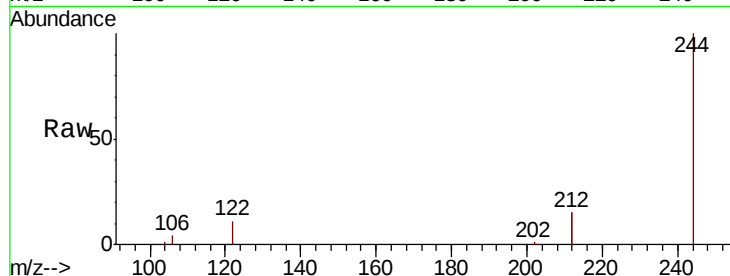
Tot Ion:244 Resp: 29699

Ion Ratio Lower Upper

244 100

212 30.4 26.2 39.4

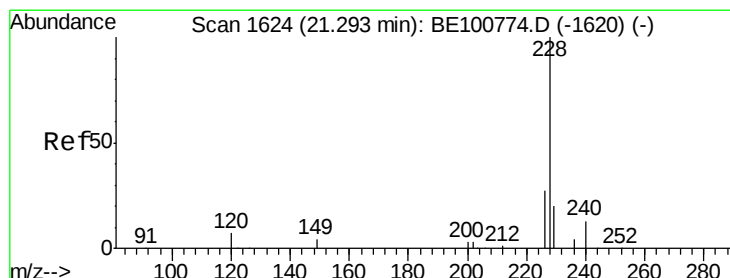
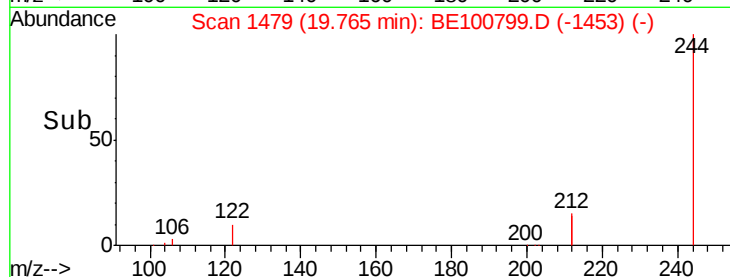
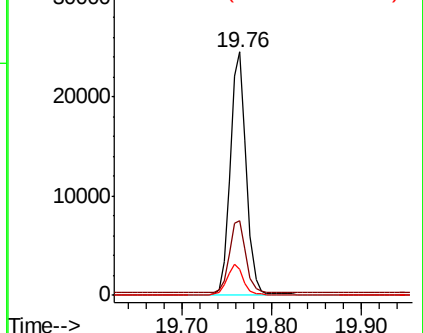
122 10.6 10.2 15.4



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: 0.441 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

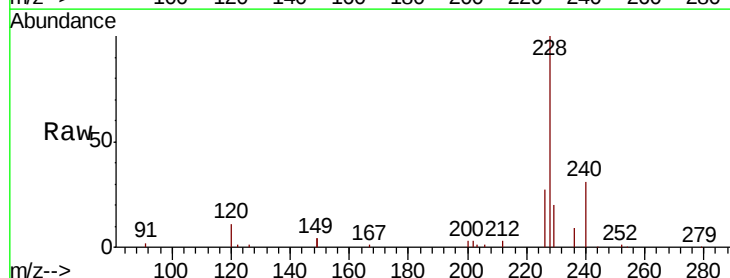
Tgt Ion:228 Resp: 41264

Ion Ratio Lower Upper

228 100

226 26.9 21.5 32.3

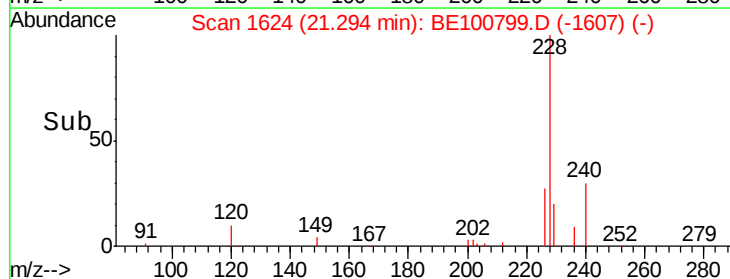
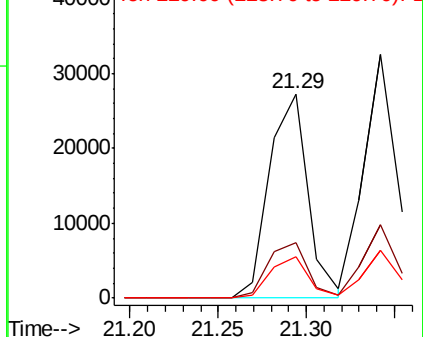
229 20.3 16.0 24.0



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: 0.381 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

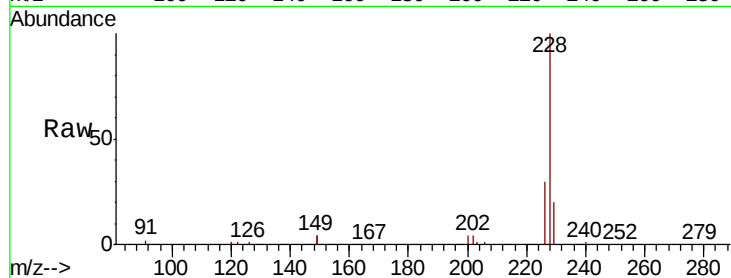
Tot Ion:228 Resp: 41938

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.4

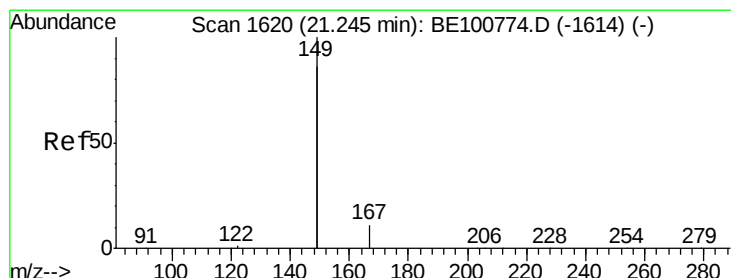
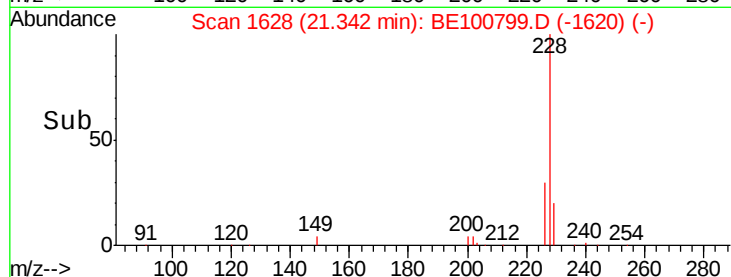
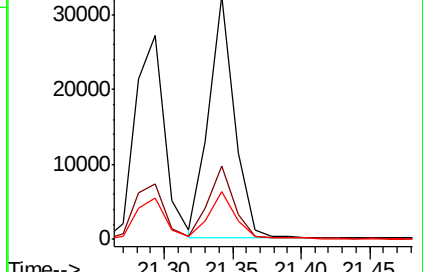
229 19.8 15.4 23.2



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: 1.091 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

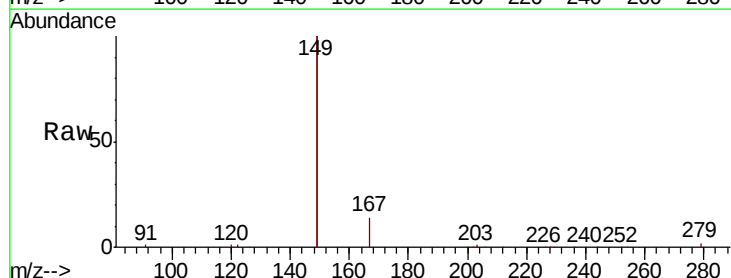
Tgt Ion:149 Resp: 80095

Ion Ratio Lower Upper

149 100

167 6.5 5.0 7.6

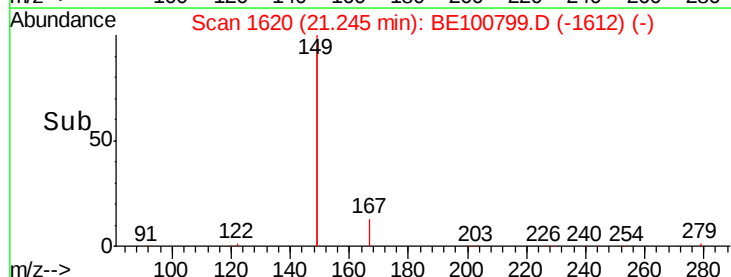
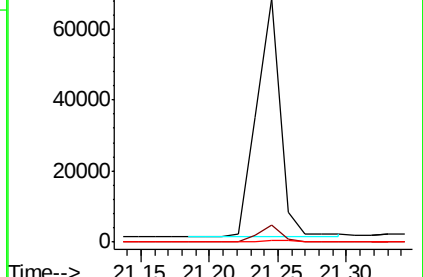
279 0.8 0.7 1.1



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: 0.492 ng

RT: 26.32 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

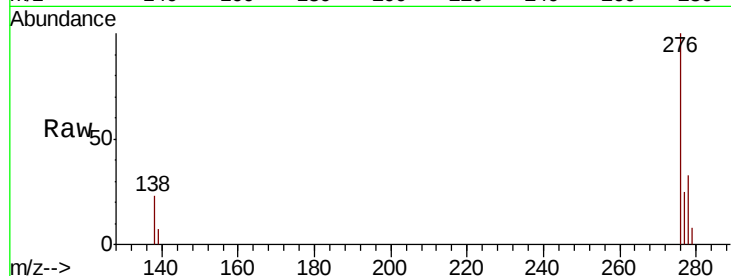
Tot Ion:276 Resp: 47145

Ion Ratio Lower Upper

276 100

138 24.2 19.4 29.0

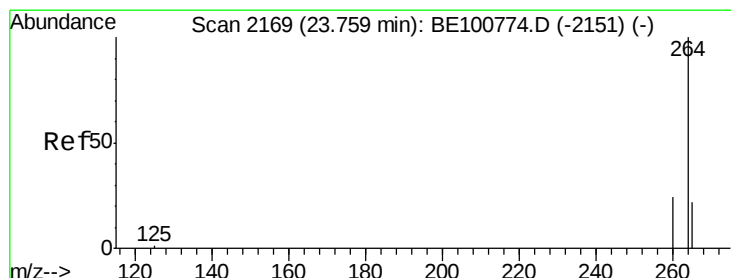
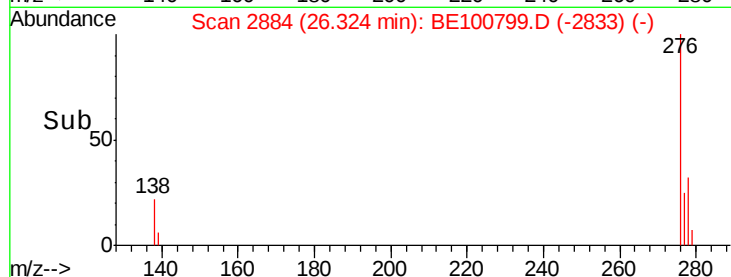
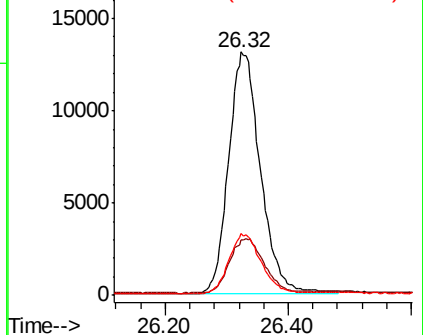
277 24.9 19.8 29.6



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: 23.75 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

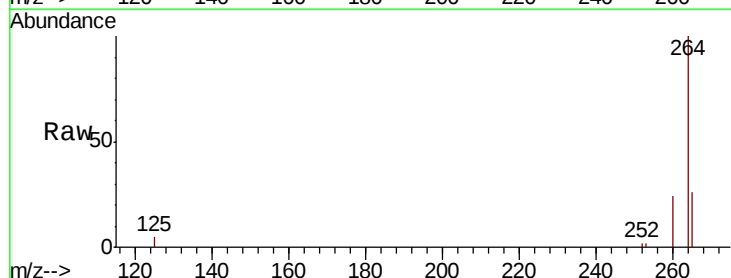
Tgt Ion:264 Resp: 38941

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

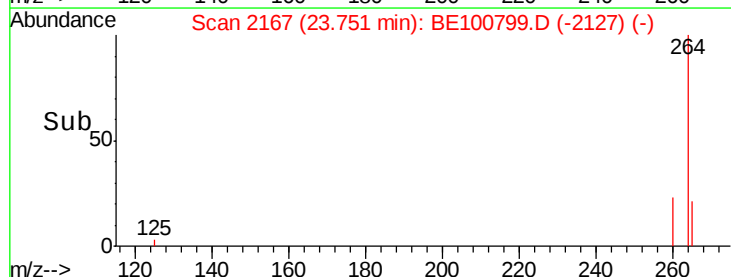
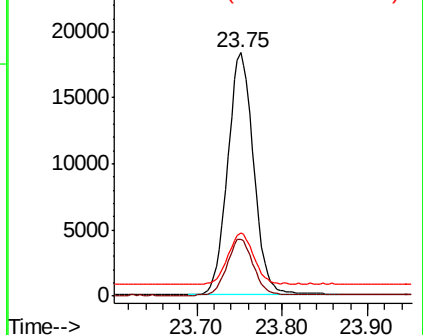
265 26.2 21.8 32.8



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

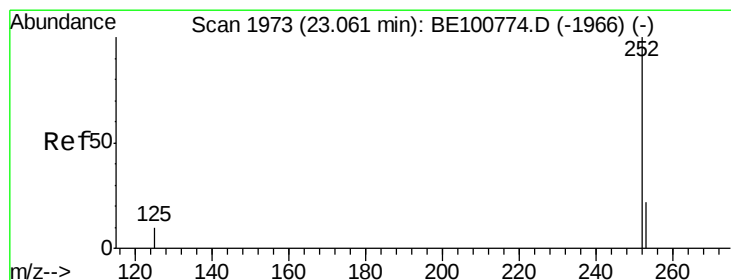
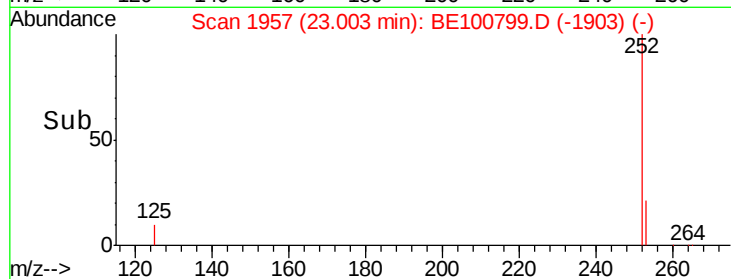
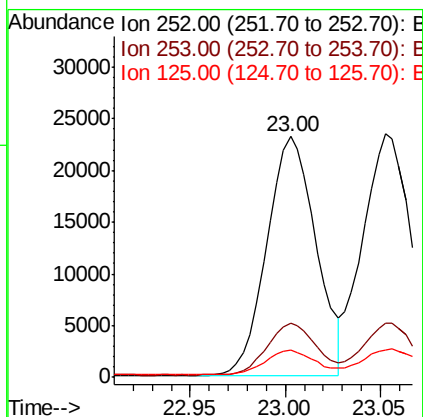
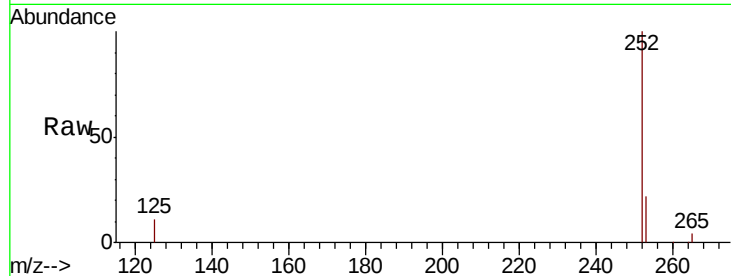




#35
Benzo(b)fluoranthene
Concen: 0.389 ng
RT: 23.00 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BE100799.D
Acq: 6 Dec 2019 9:55

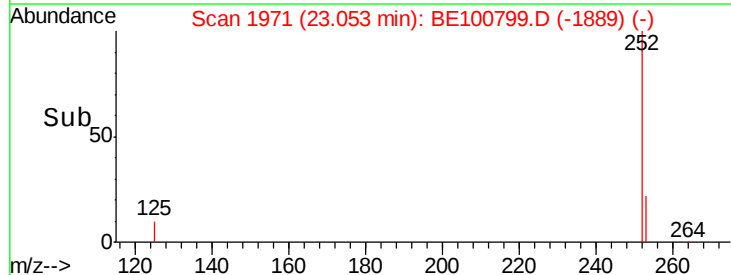
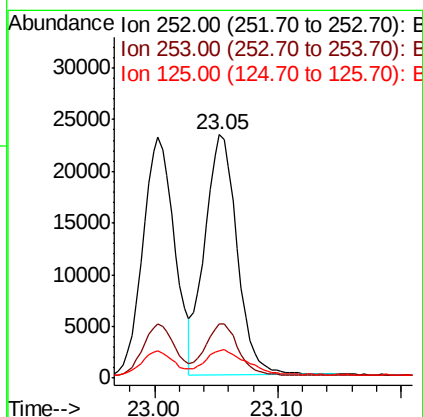
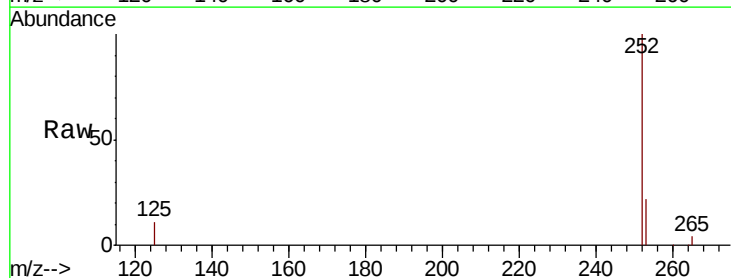
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 41515
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.5 9.0 13.4



#36
Benzo(k)fluoranthene
Concen: 0.356 ng
RT: 23.05 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BE100799.D
Acq: 6 Dec 2019 9:55

Tgt Ion:252 Resp: 42612
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.4 8.7 13.1





#37

Benzo(a)pyrene

Concen: 0.416 ng

RT: 23.64 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

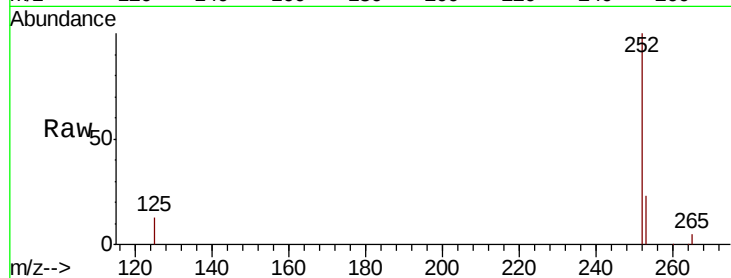
Tot Ion:252 Resp: 38368

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

125 12.9 10.4 15.6

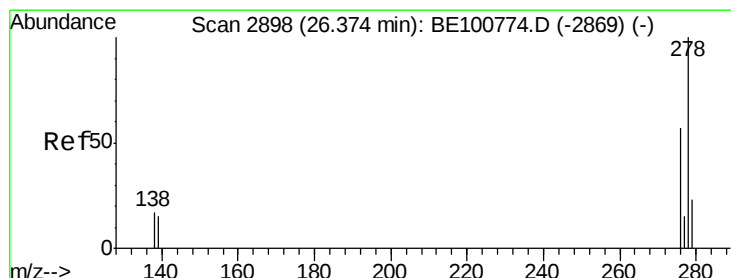
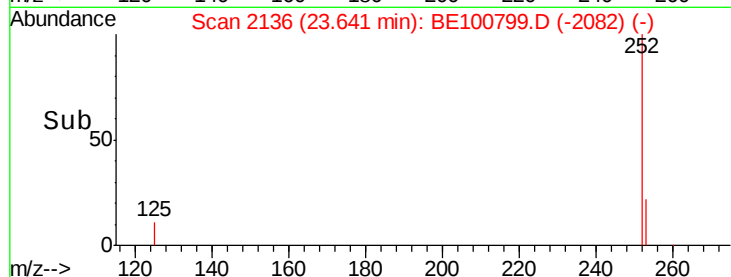
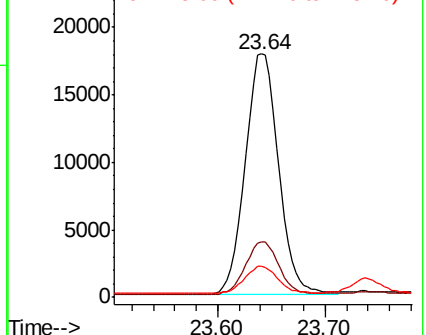


Abundance

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: 0.413 ng

RT: 26.36 min Scan# 2893

Delta R.T. -0.02 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

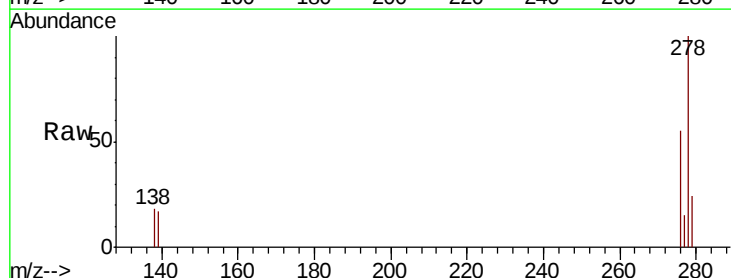
Tgt Ion:278 Resp: 37887

Ion Ratio Lower Upper

278 100

139 16.6 13.0 19.4

279 24.2 19.6 29.4

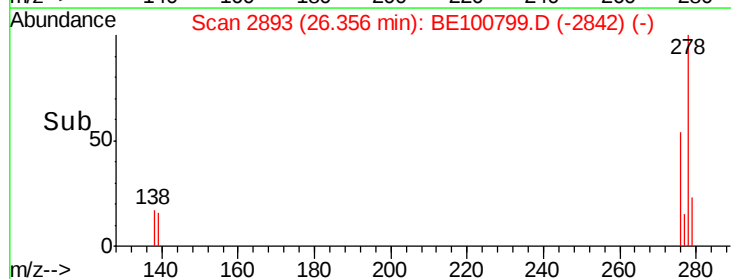
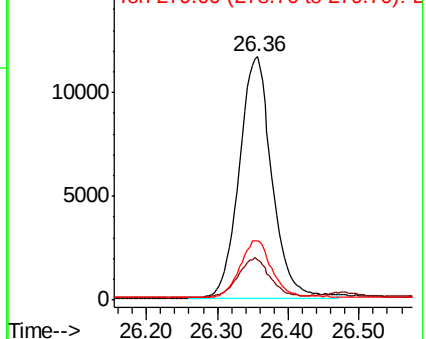


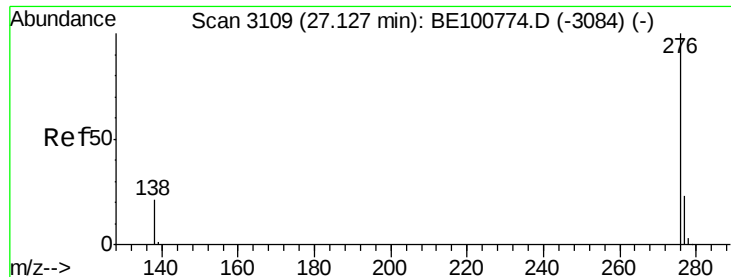
Abundance

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: 0.399 ng

RT: 27.11 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BE100799.D

Acq: 6 Dec 2019 9:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

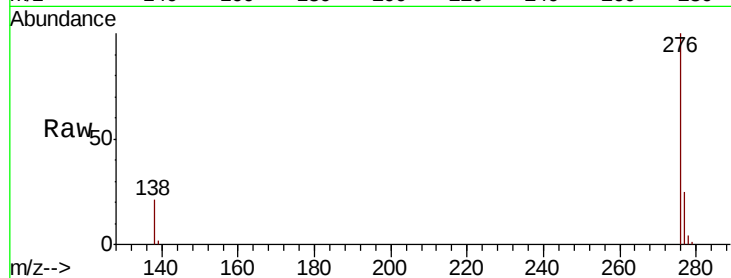
Tot Ion: 276 Resp: 39177

Ion Ratio Lower Upper

276 100

277 24.8 19.3 28.9

138 20.9 17.8 26.6



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

