

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100319\
 Data File : BE100599.D
 Acq On : 3 Oct 2019 16:24
 Operator : JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Oct 03 17:25:26 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 03 15:15:22 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3278	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	15212	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	9183	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	19578	0.40	ng	0.00
27) Chrysene-d12	21.35	240	28730	0.40	ng	0.00
34) Perylene-d12	23.81	264	29733	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	30453	3.41	ng	-0.01
5) Phenol-d6	6.99	99	39991	3.46	ng	0.00
8) Nitrobenzene-d5	8.97	82	34328	3.48	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	77642	3.45	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	8631	4.30	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	108972	3.28	ng	0.00
25) Fluoranthene-d10	19.21	212	858525	3.52	ng	0.00
29) Terphenyl-d14	19.80	244	219485	3.54	ng	0.00

Target Compounds

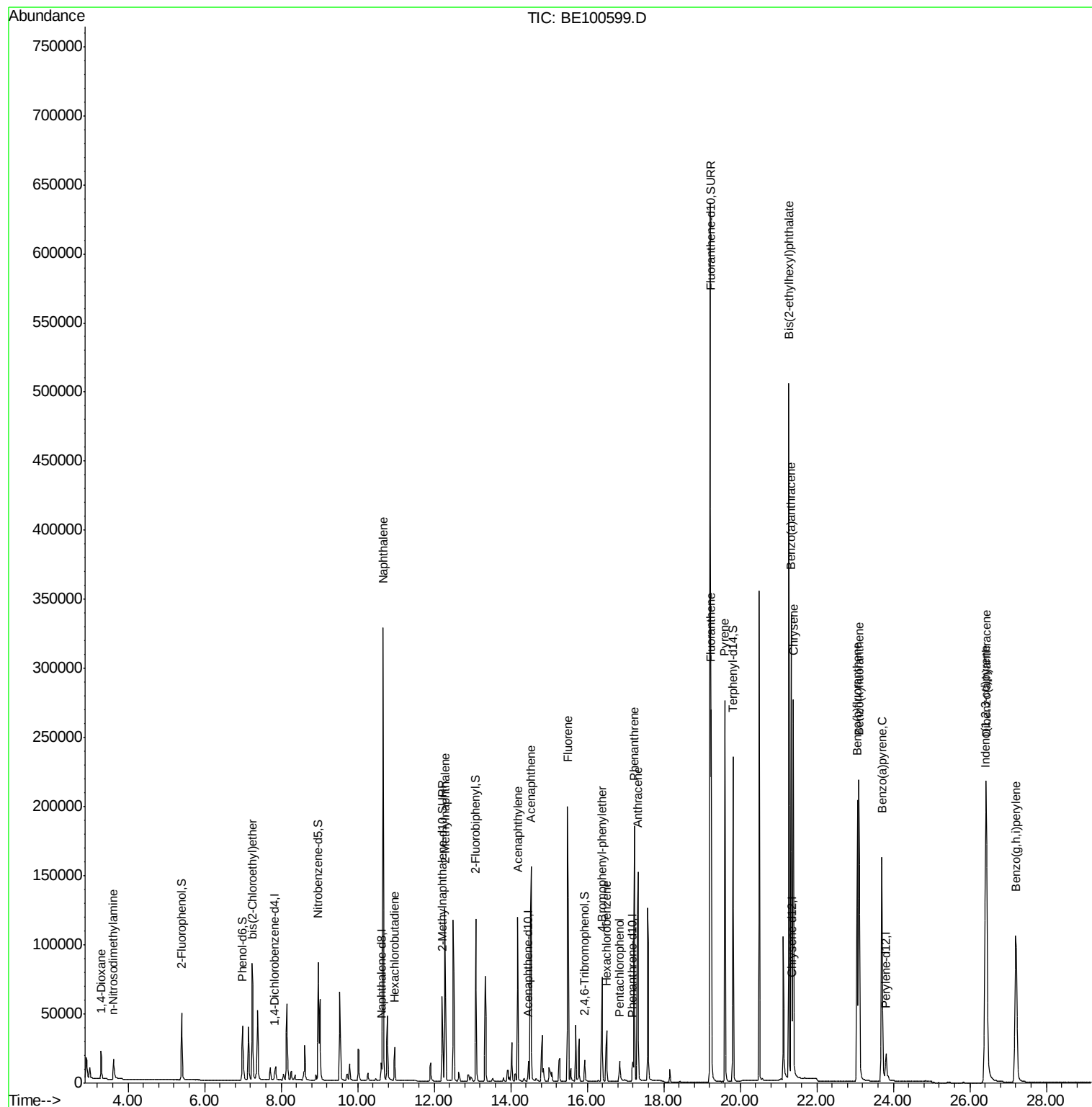
						Qvalue
2) 1,4-Dioxane	3.30	88	15986	3.162	ng	91
3) n-Nitrosodimethylamine	3.61	42	9751	3.792	ng	100
6) bis(2-Chloroethyl)ether	7.25	93	34869	3.275	ng	95
9) Naphthalene	10.67	128	517138	3.293	ng	100
10) Hexachlorobutadiene	10.97	225	16387	3.295	ng	99
12) 2-Methylnaphthalene	12.28	142	89132	3.466	ng	99
16) Acenaphthylene	14.18	152	138376	3.533	ng	100
17) Acenaphthene	14.53	154	90171	3.444	ng	97
18) Fluorene	15.49	166	116025	3.518	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	33793	3.529	ng	98
21) Hexachlorobenzene	16.50	284	27862	3.537	ng	99
22) Pentachlorophenol	16.84	266	10258	4.363	ng	89
23) Phenanthrene	17.23	178	191105	3.441	ng	100
24) Anthracene	17.32	178	177690	3.708	ng	99
26) Fluoranthene	19.24	202	248746	3.609	ng	100
28) Pyrene	19.60	202	246886	3.467	ng	100
30) Benzo(a)anthracene	21.33	228	273665	3.270	ng	99
31) Chrysene	21.39	228	284847	3.291	ng	100
32) Bis(2-ethylhexyl)phthalate	21.27	149	527020	2.341	ng	100
33) Indeno(1,2,3-cd)pyrene	26.41	276	332704	3.323	ng	99
35) Benzo(b)fluoranthene	23.06	252	282158	3.517	ng	99
36) Benzo(k)fluoranthene	23.10	252	319154	3.493	ng	# 94
37) Benzo(a)pyrene	23.70	252	263502	3.537	ng	97
38) Dibenzo(a,h)anthracene	26.43	278	281786	3.684	ng	99
39) Benzo(g,h,i)perylene	27.20	276	272912	3.528	ng	99

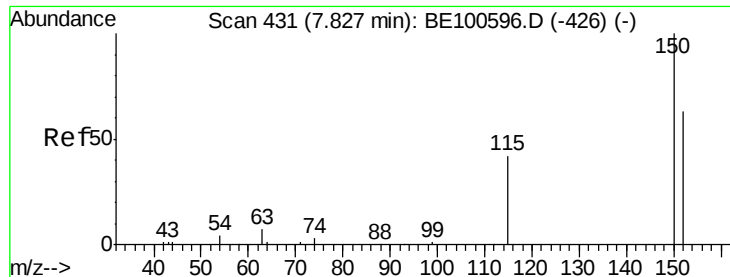
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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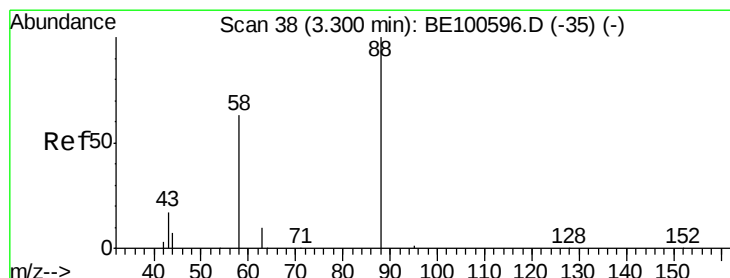
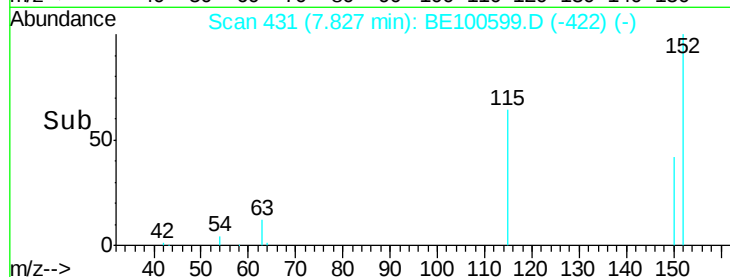
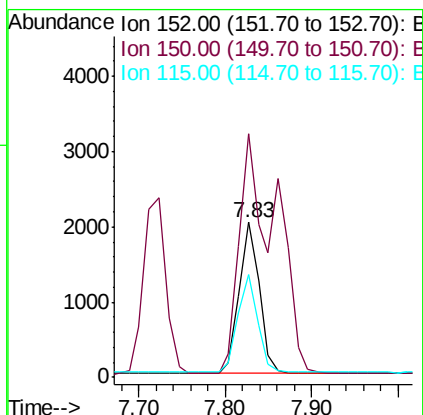
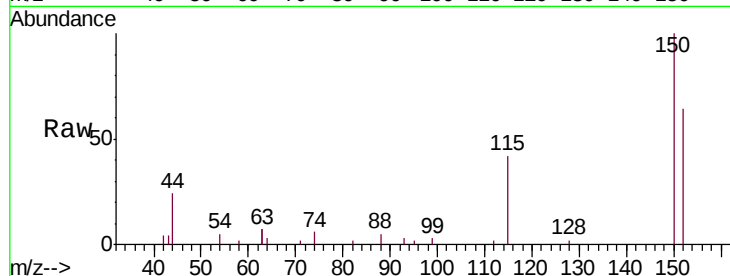


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.00 min
Lab File: BE100599.D
Acq: 3 Oct 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

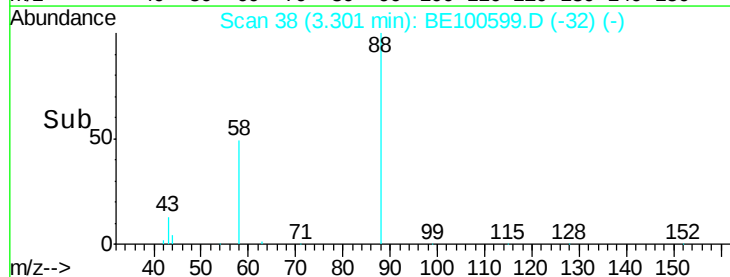
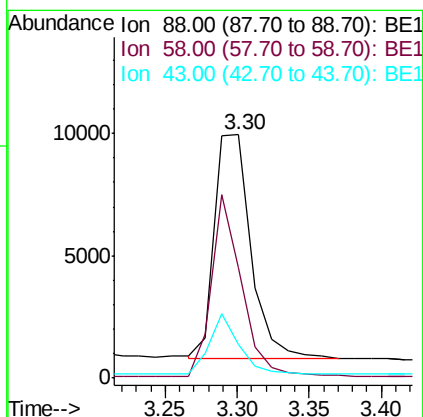
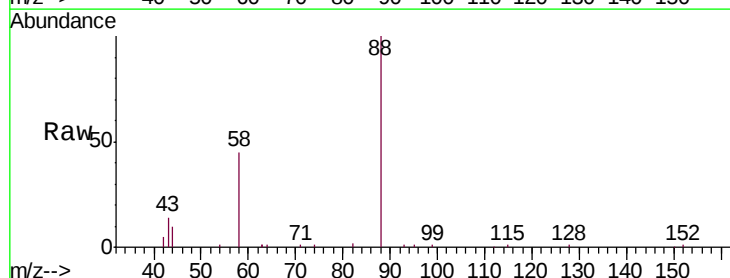
Tgt Ion:152 Resp: 3278
Ion Ratio Lower Upper
152 100
150 156.9 126.5 189.7
115 66.1 54.6 81.8

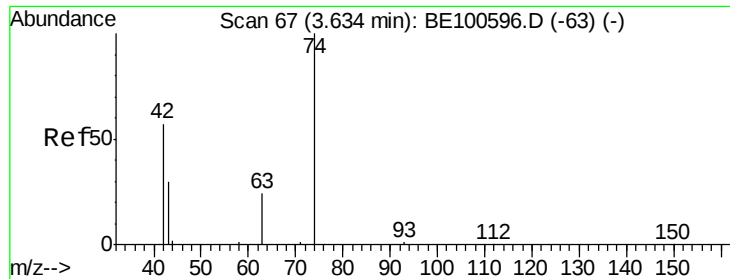


#2

1,4-Dioxane
Concen: 3.162 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE100599.D
Acq: 3 Oct 2019 16:24

Tgt Ion: 88 Resp: 15986
Ion Ratio Lower Upper
88 100
58 67.3 48.1 72.1
43 21.4 14.4 21.6





#3

n-Nitrosodimethylamine

Concen: 3.792 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.02 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

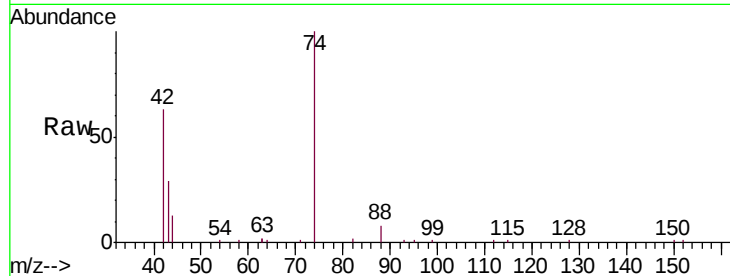
Tgt Ion: 42 Resp: 9751

Ion Ratio Lower Upper

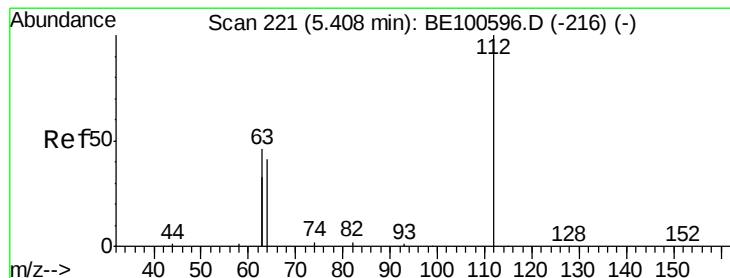
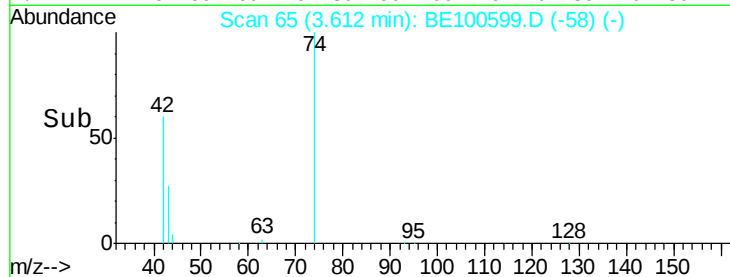
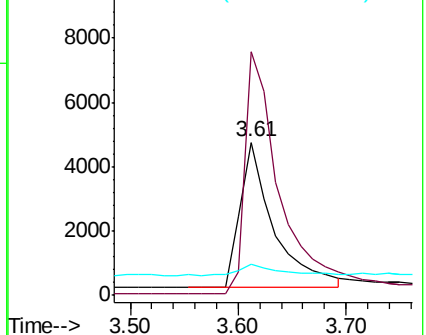
42 100

74 170.5 136.2 204.2

44 8.1 7.4 11.0



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: 3.408 ng

RT: 5.40 min Scan# 220

Delta R.T. -0.01 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

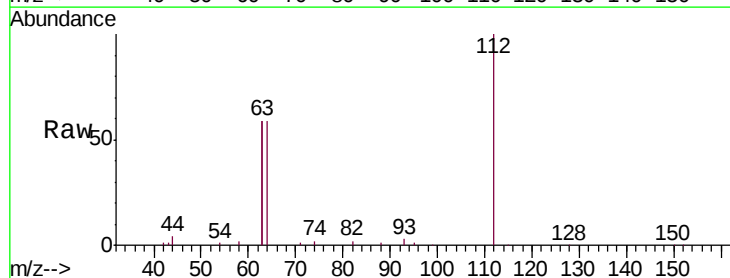
Tgt Ion: 112 Resp: 30453

Ion Ratio Lower Upper

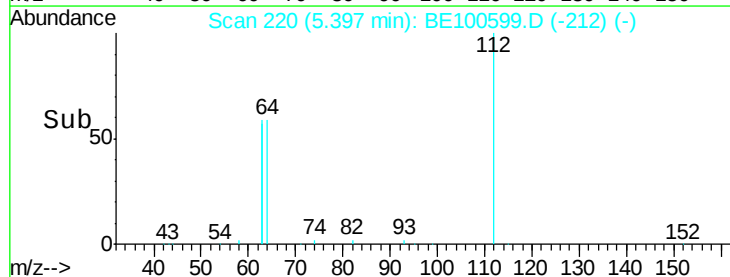
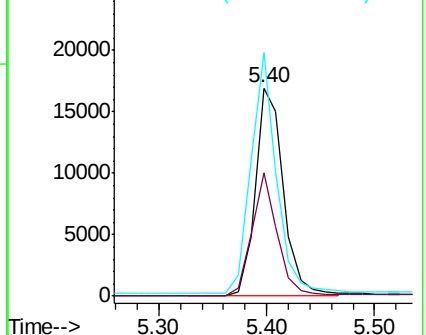
112 100

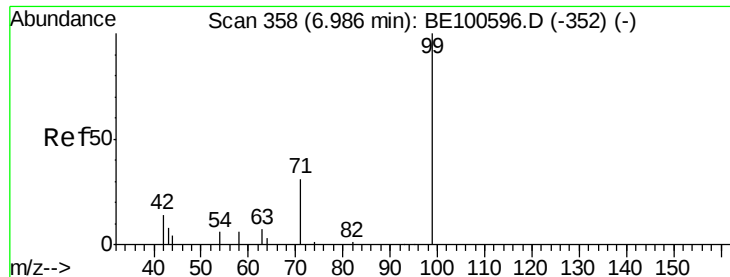
64 53.5 43.7 65.5

63 104.7 84.5 126.7



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: 3.464 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

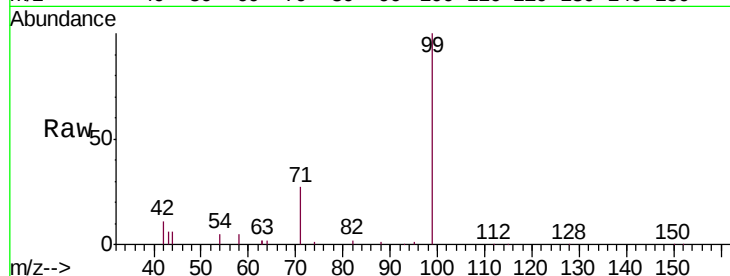
Tgt Ion: 99 Resp: 39991

Ion Ratio Lower Upper

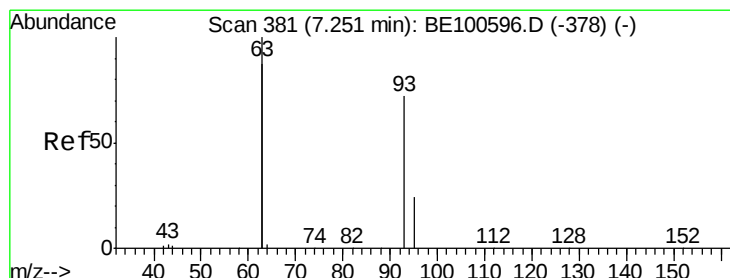
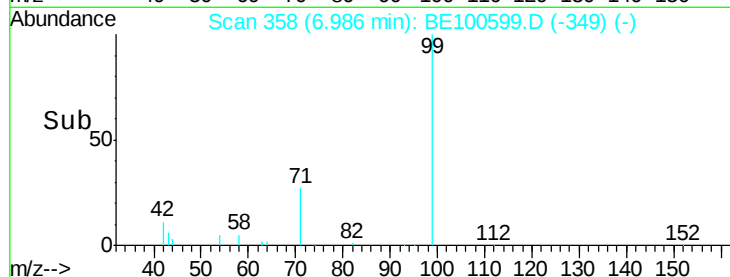
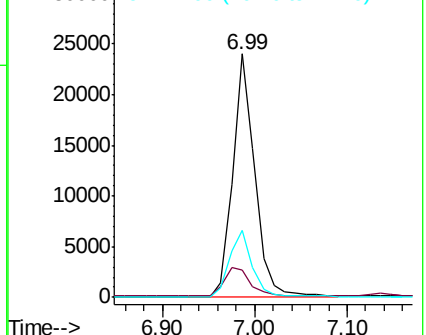
99 100

42 14.3 11.7 17.5

71 28.1 23.0 34.4



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: 3.275 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

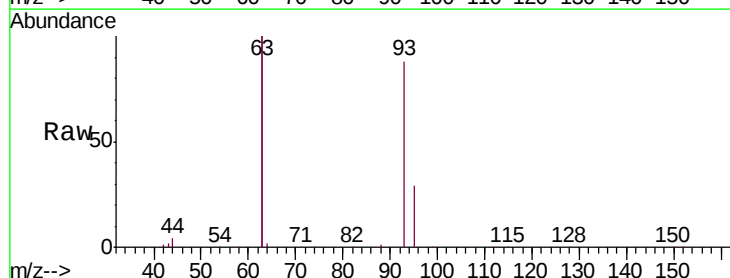
Tgt Ion: 93 Resp: 34869

Ion Ratio Lower Upper

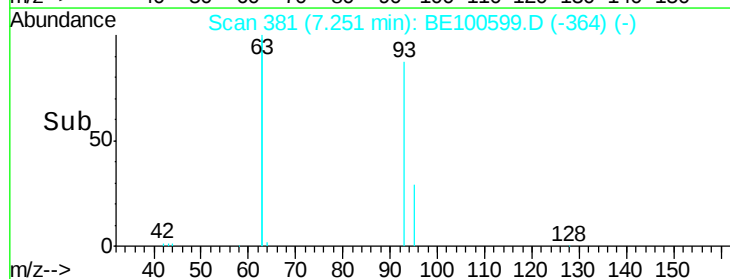
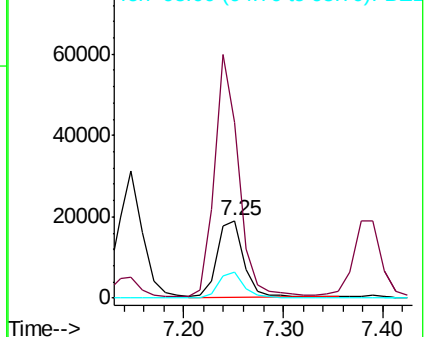
93 100

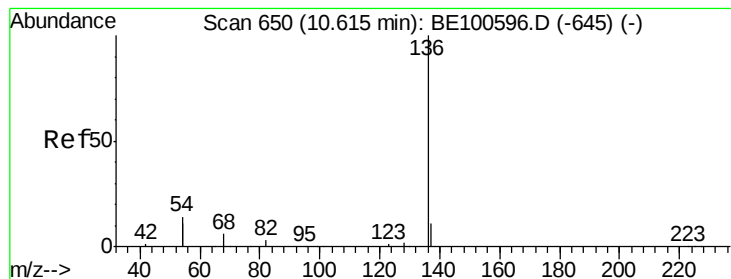
63 285.8 221.0 331.4

95 32.3 25.4 38.0



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: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion:136 Resp: 15212

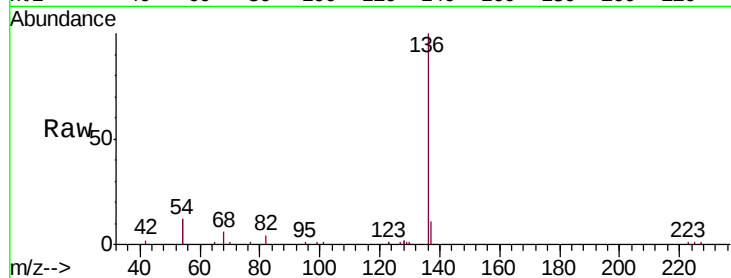
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 23.6 22.4 33.6

68 5.7 5.2 7.8

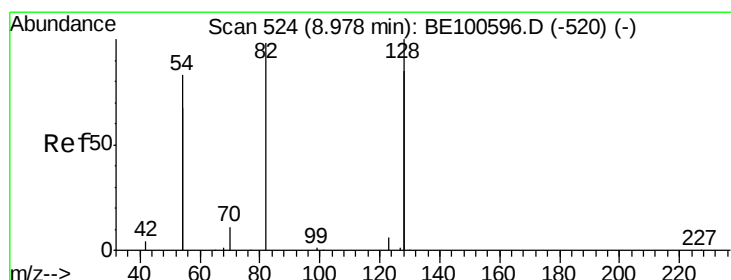
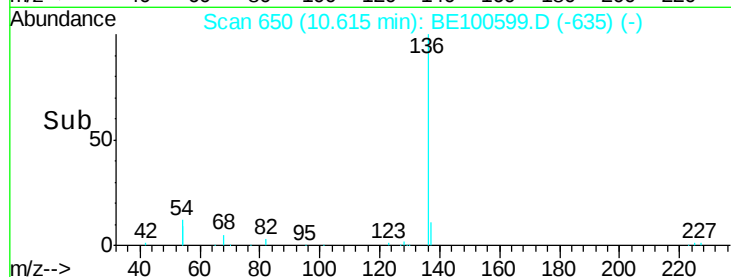
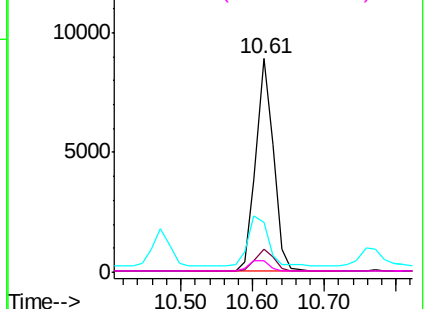


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 3.483 ng

RT: 8.97 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

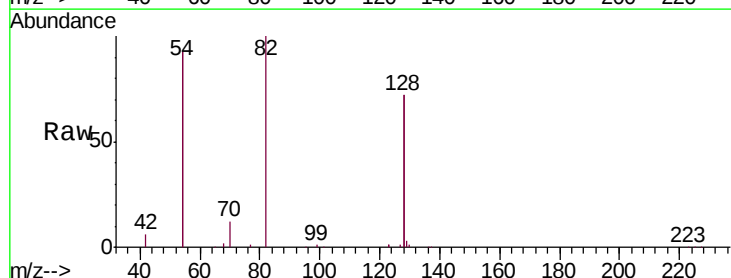
Tgt Ion: 82 Resp: 34328

Ion Ratio Lower Upper

82 100

128 143.3 154.7 232.1#

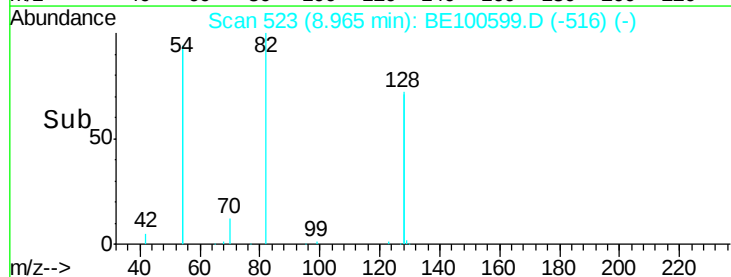
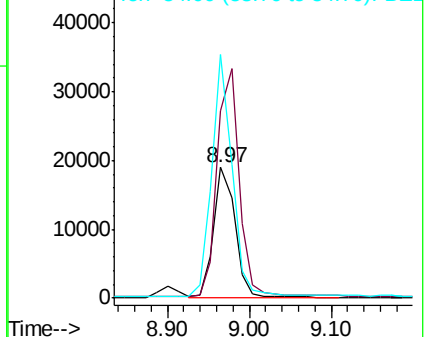
54 186.0 128.5 192.7

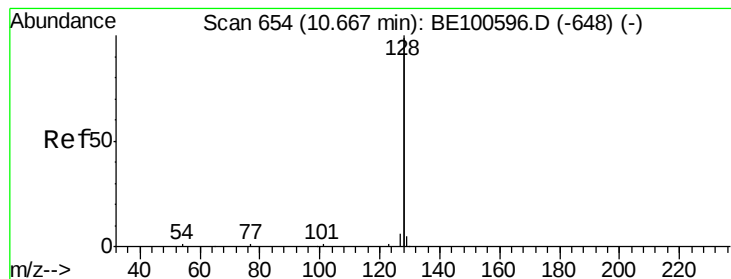


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 3.293 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

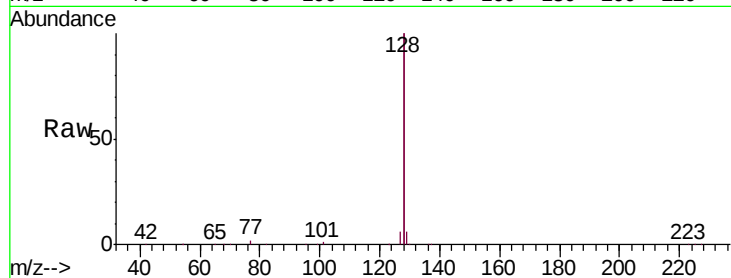
Tgt Ion:128 Resp: 517138

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

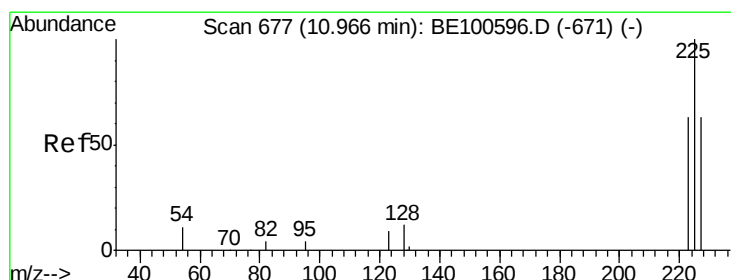
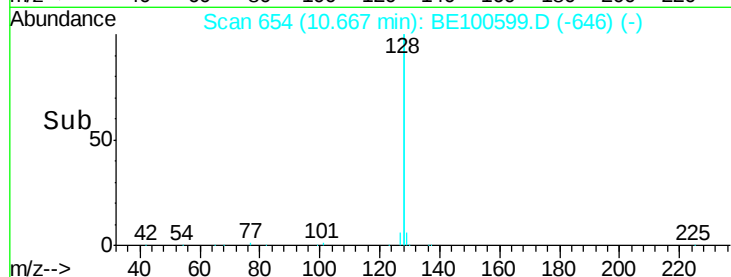
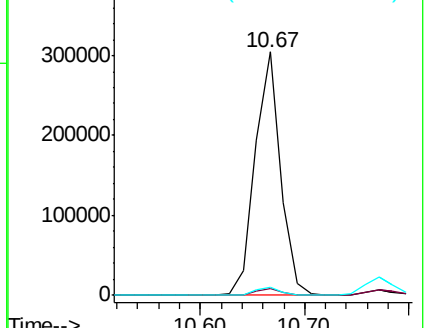
127 3.1 2.6 4.0



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: 3.295 ng

RT: 10.97 min Scan# 677

Delta R.T. 0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

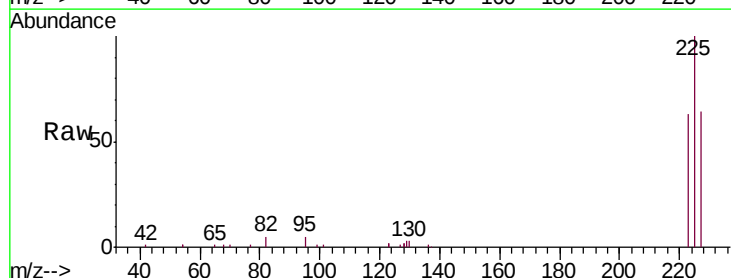
Tgt Ion:225 Resp: 16387

Ion Ratio Lower Upper

225 100

223 62.8 49.8 74.8

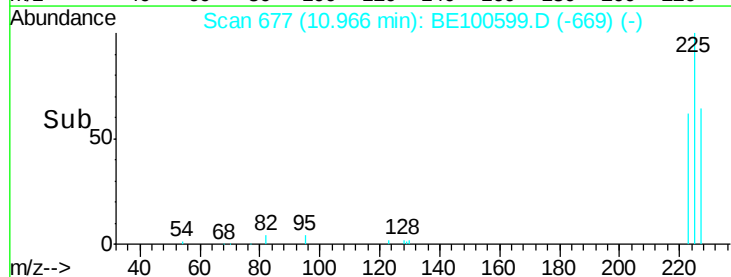
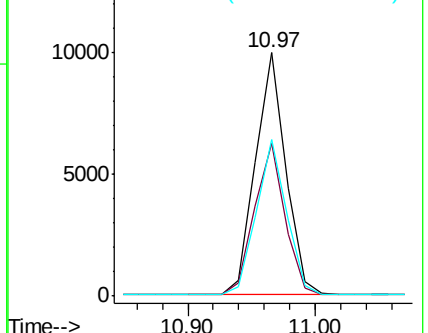
227 63.8 50.1 75.1

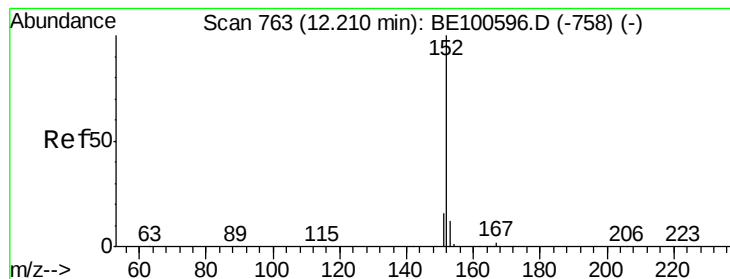


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.453 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

Instrument :

BNA_E

ClientSampleId :

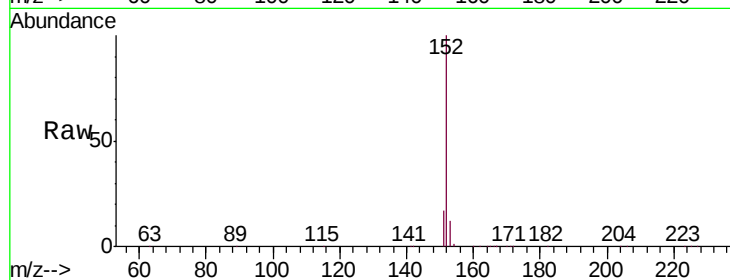
SSTDICC3.2

Tgt Ion:152 Resp: 77642

Ion Ratio Lower Upper

152 100

151 19.2 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

50000

40000

30000

20000

10000

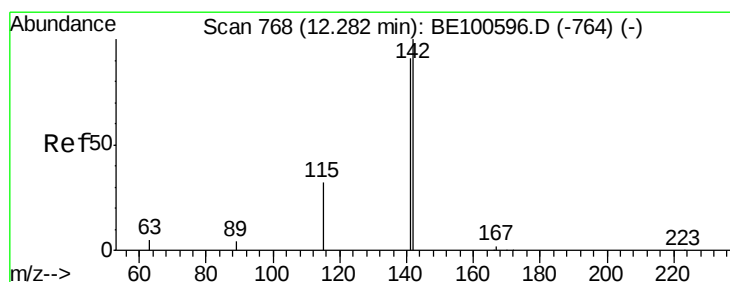
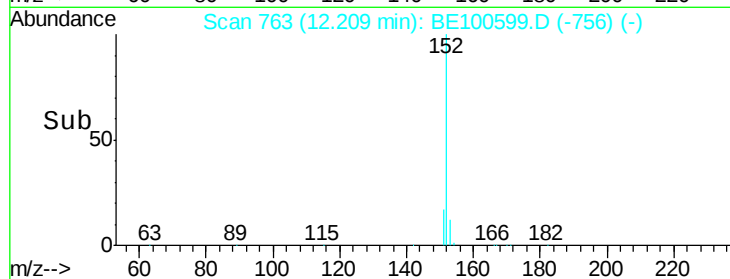
0

12.21

12.20

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 3.466 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

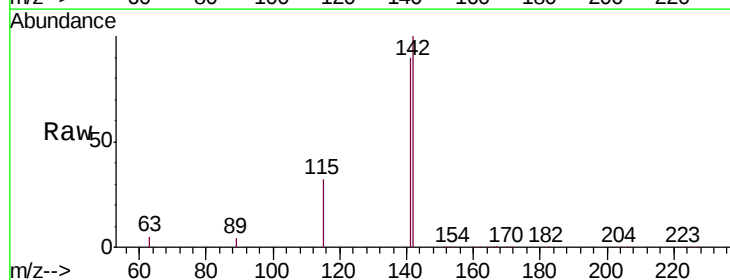
Tgt Ion:142 Resp: 89132

Ion Ratio Lower Upper

142 100

141 89.8 72.6 108.8

115 32.0 26.6 40.0



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

60000

40000

20000

0

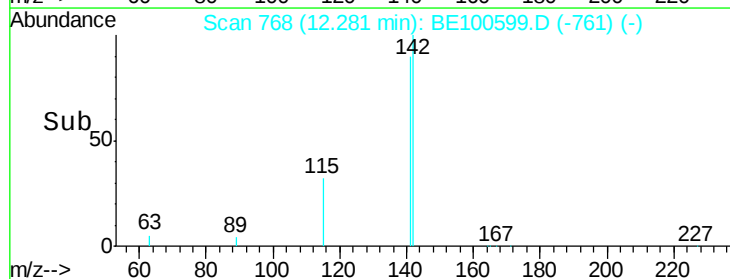
12.28

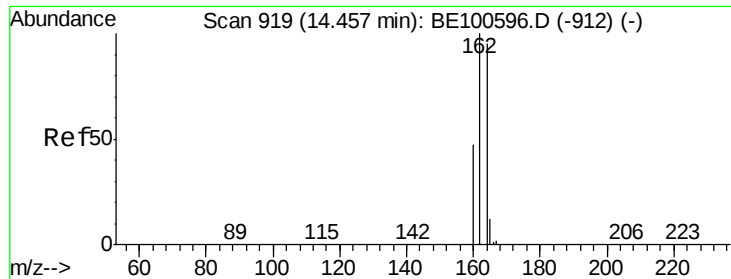
12.20

12.30

12.40

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

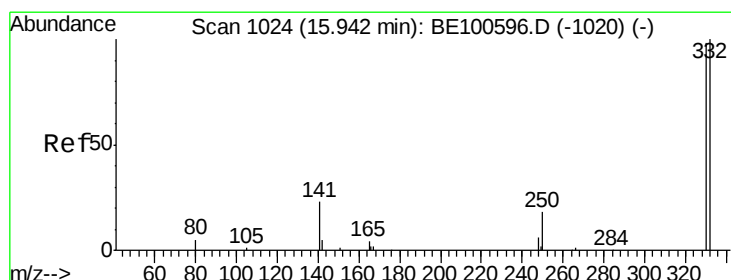
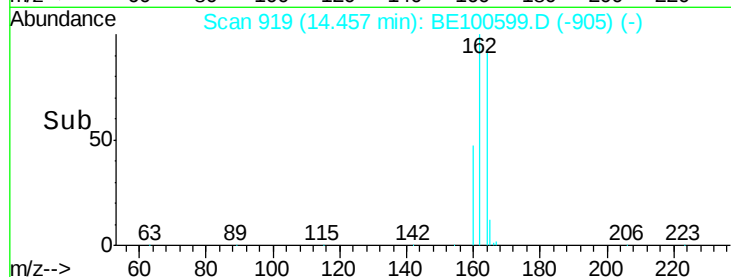
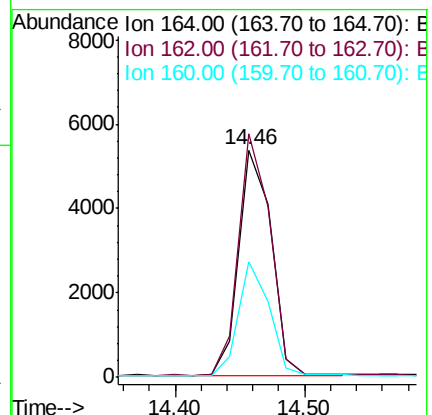
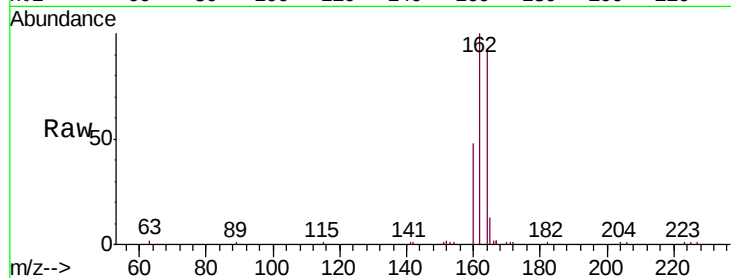
Tgt Ion:164 Resp: 9183

Ion Ratio Lower Upper

164 100

162 107.2 84.2 126.4

160 51.0 40.2 60.4



#14

2,4,6-Tribromophenol

Concen: 4.300 ng

RT: 15.93 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

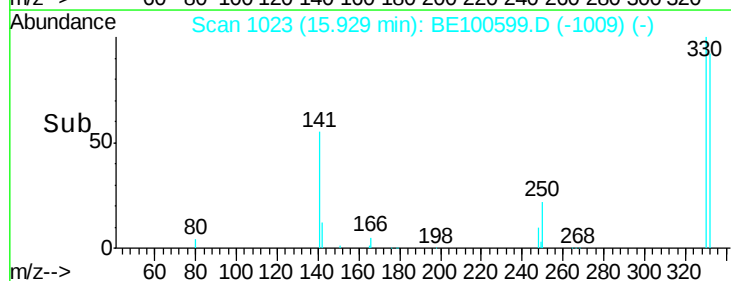
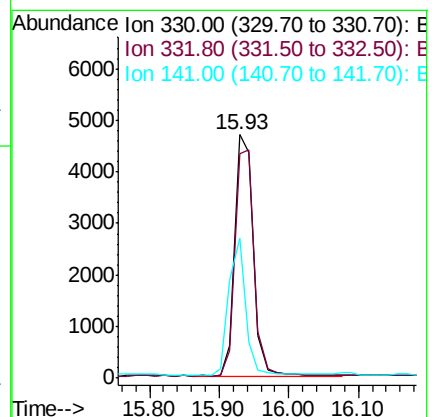
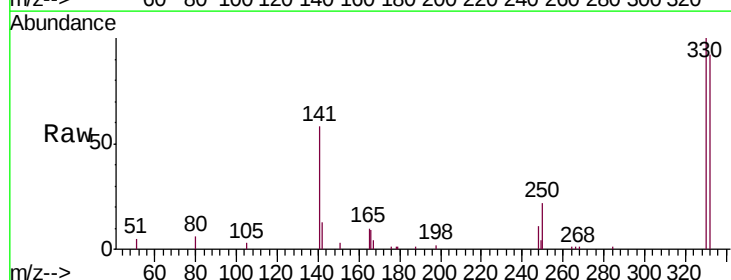
Tgt Ion:330 Resp: 8631

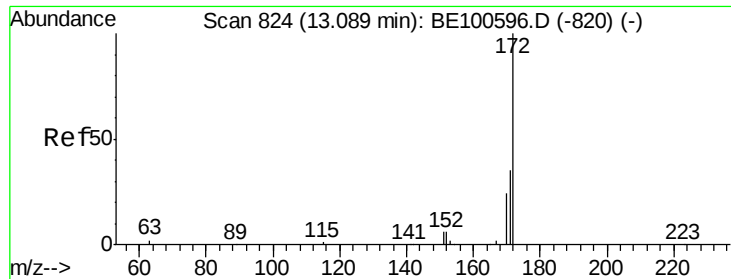
Ion Ratio Lower Upper

330 100

332 97.3 78.5 117.7

141 51.1 39.4 59.0

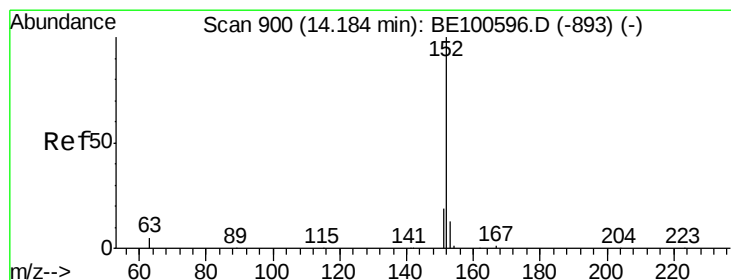
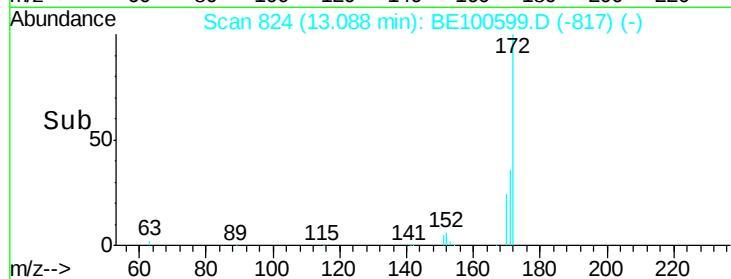
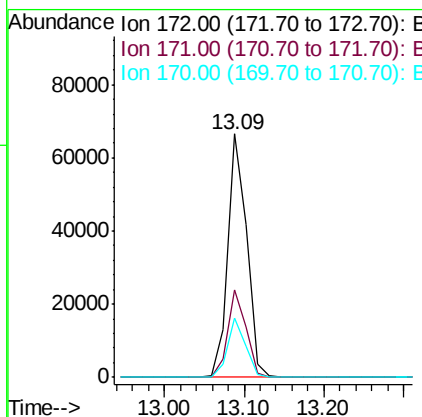
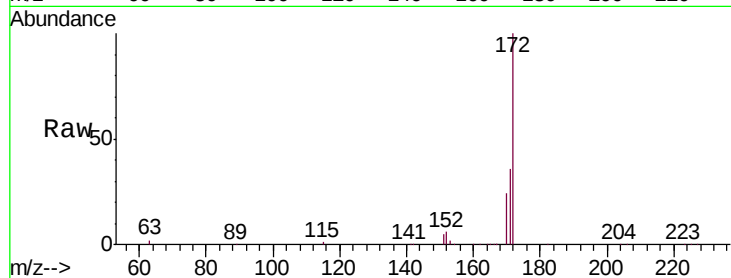




#15
2-Fluorobiphenyl
Concen: 3.280 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE100599.D
Acq: 3 Oct 2019 16:24

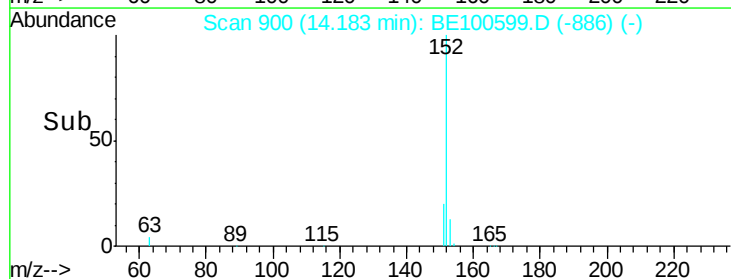
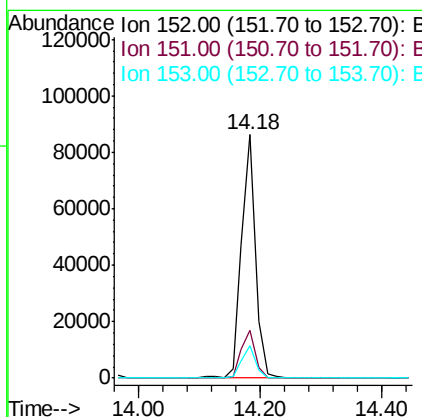
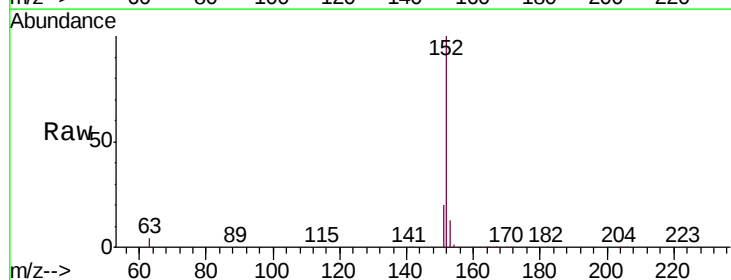
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

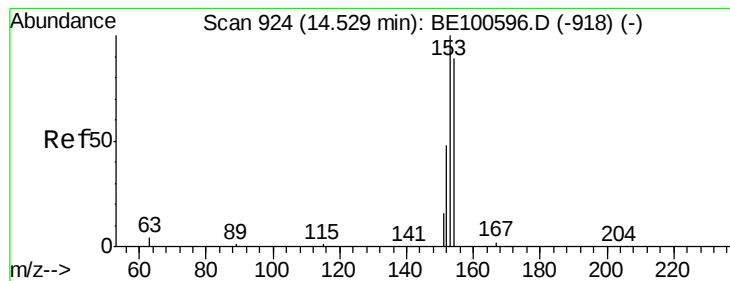
Tgt Ion:172 Resp: 108972
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.2 19.8 29.8



#16
Acenaphthylene
Concen: 3.533 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE100599.D
Acq: 3 Oct 2019 16:24

Tgt Ion:152 Resp: 138376
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 3.444 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

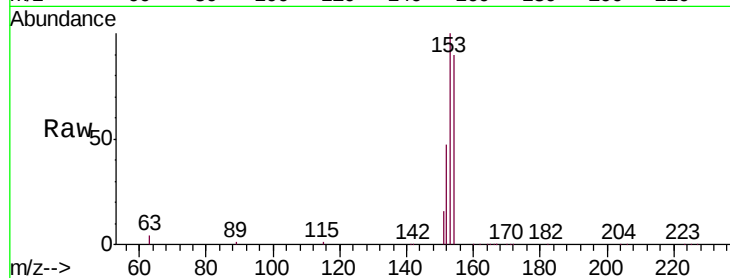
Tgt Ion:154 Resp: 90171

Ion Ratio Lower Upper

154 100

153 112.0 92.3 138.5

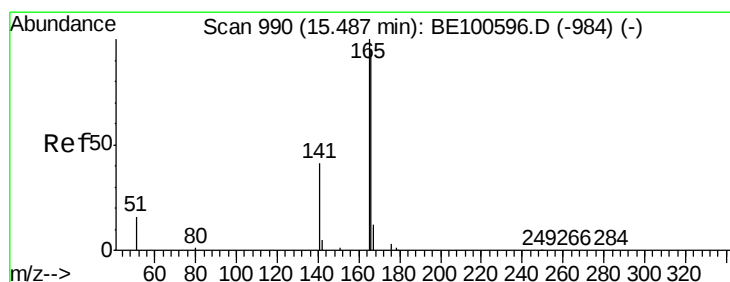
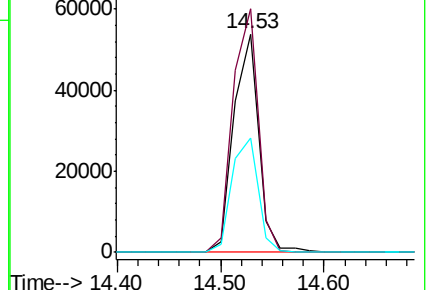
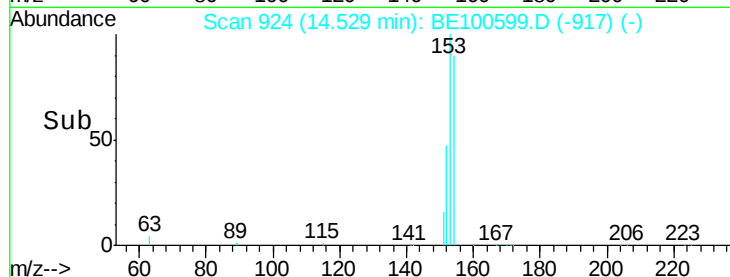
152 54.9 46.2 69.2



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: 3.518 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

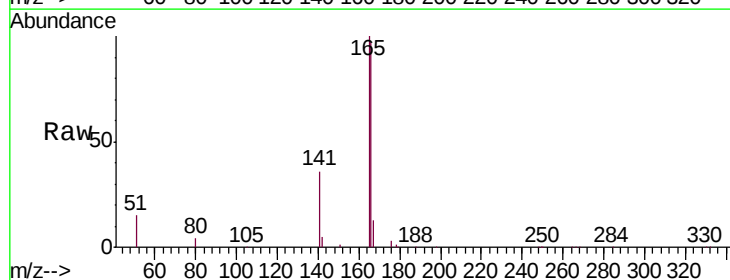
Tgt Ion:166 Resp: 116025

Ion Ratio Lower Upper

166 100

165 99.4 80.4 120.6

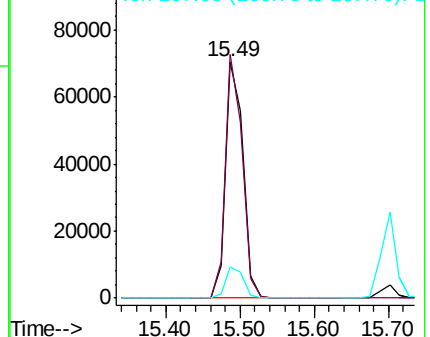
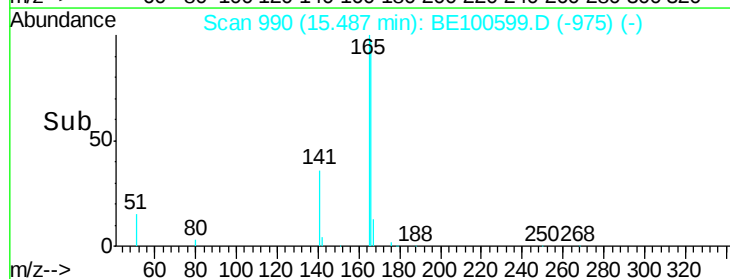
167 13.4 10.6 15.8

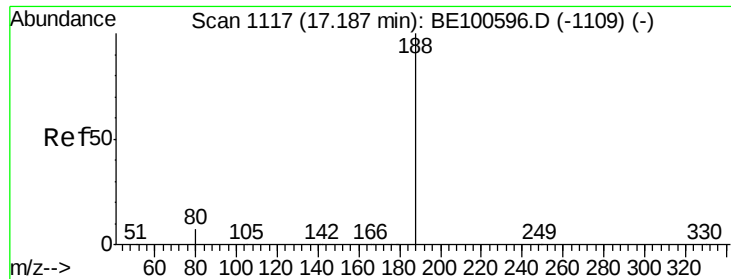


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

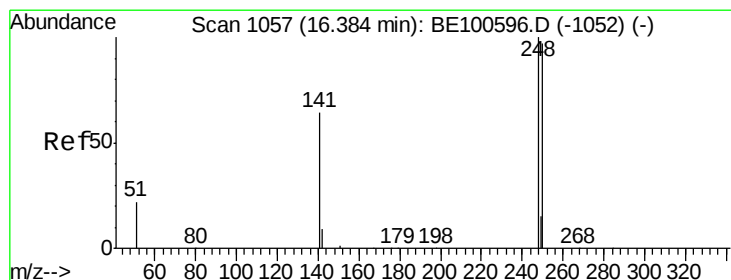
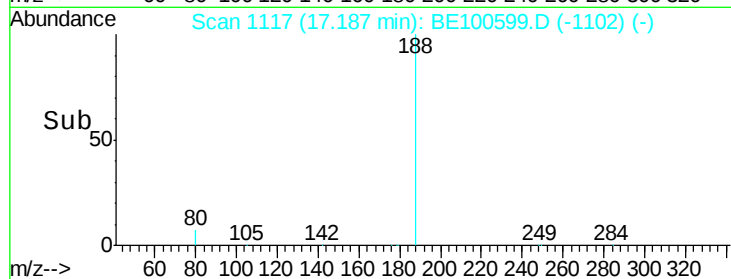
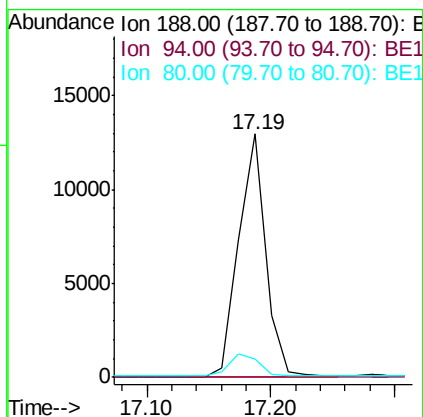
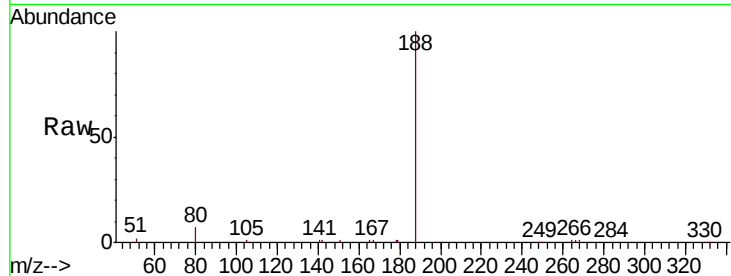




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE100599.D
Acq: 3 Oct 2019 16:24

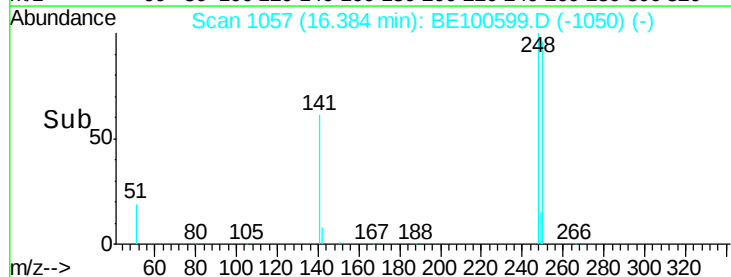
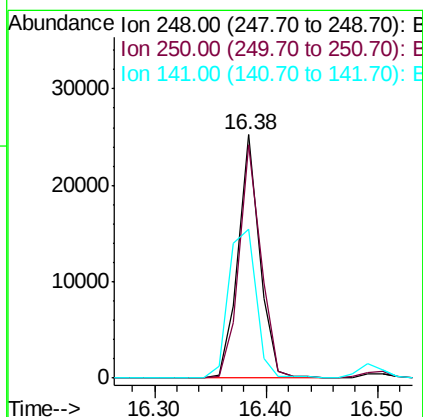
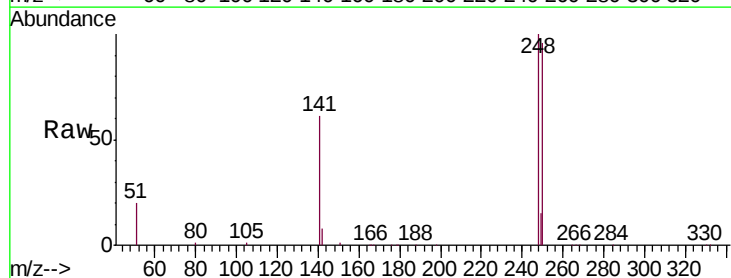
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

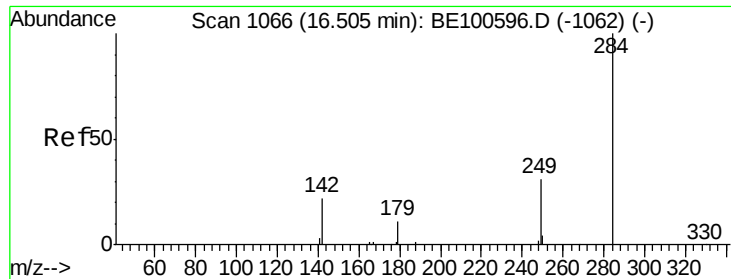
Tgt Ion:188 Resp: 19578
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 6.2 9.2



#20
4-Bromophenyl-phenylether
Concen: 3.529 ng
RT: 16.38 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE100599.D
Acq: 3 Oct 2019 16:24

Tgt Ion:248 Resp: 33793
Ion Ratio Lower Upper
248 100
250 96.1 77.4 116.0
141 61.3 52.1 78.1

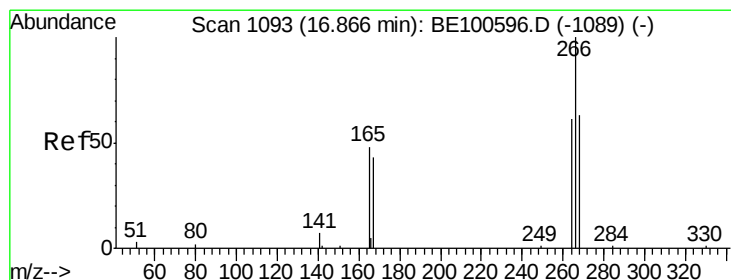
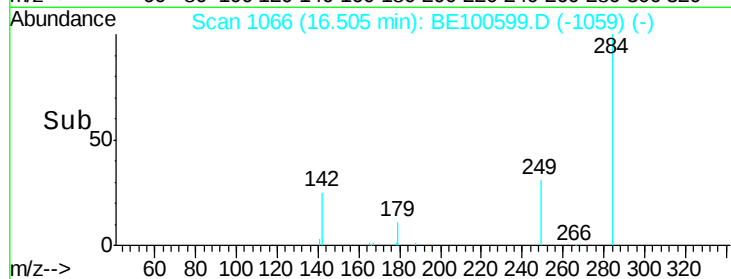
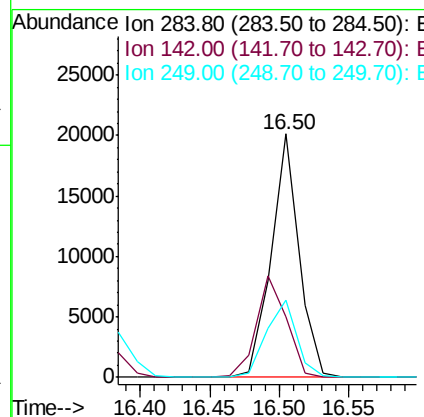
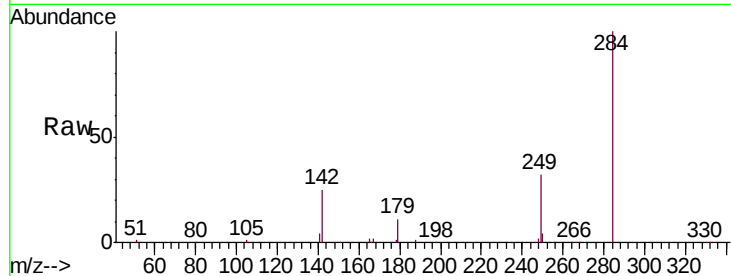




#21
Hexachlorobenzene
Concen: 3.537 ng
RT: 16.50 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BE100599.D
Acq: 3 Oct 2019 16:24

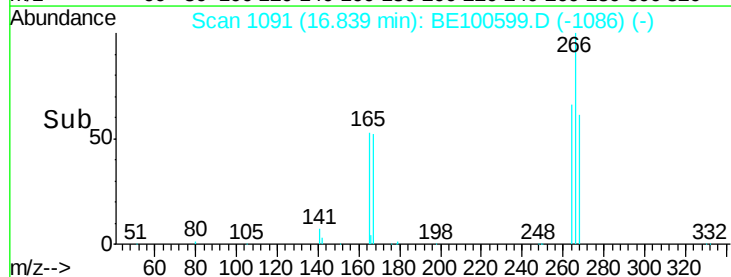
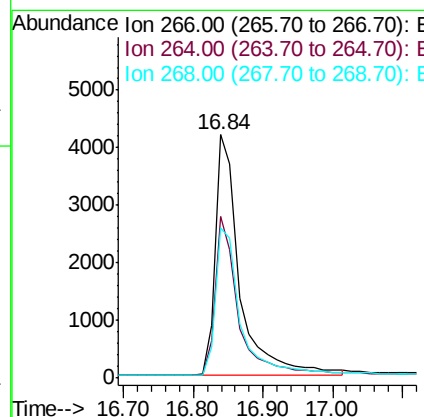
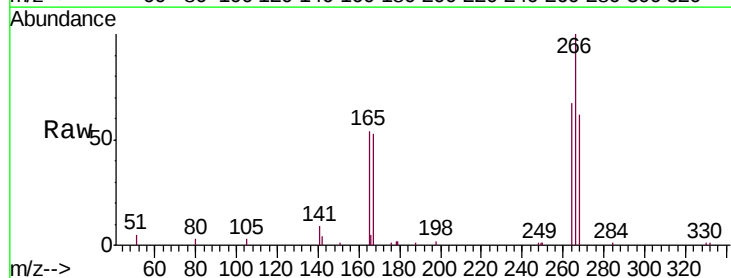
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

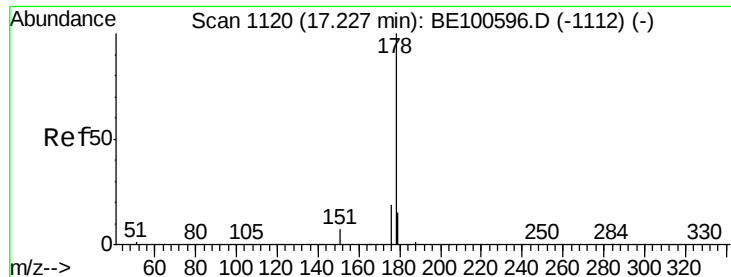
Tgt Ion:284 Resp: 27862
Ion Ratio Lower Upper
284 100
142 44.8 35.1 52.7
249 34.2 27.2 40.8



#22
Pentachlorophenol
Concen: 4.363 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BE100599.D
Acq: 3 Oct 2019 16:24

Tgt Ion:266 Resp: 10258
Ion Ratio Lower Upper
266 100
264 66.5 56.3 84.5
268 61.8 60.3 90.5





#23

Phenanthrene

Concen: 3.441 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

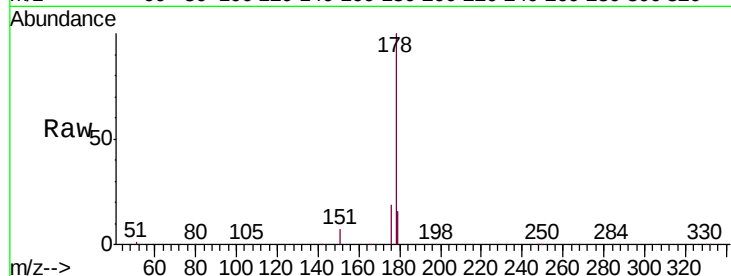
Tgt Ion:178 Resp: 191105

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

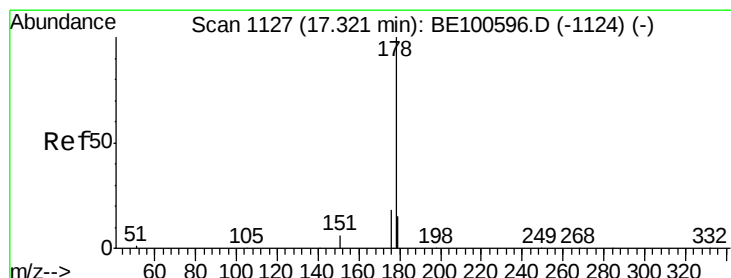
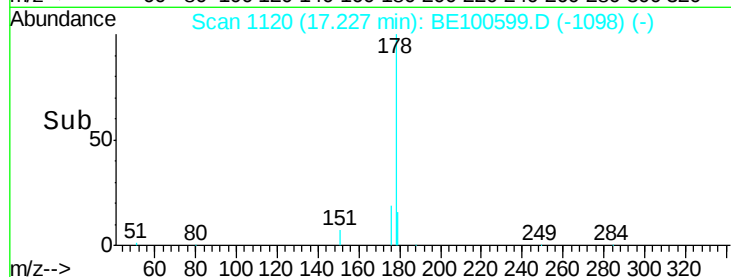
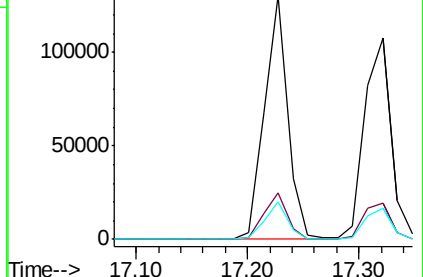
179 15.3 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 3.708 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

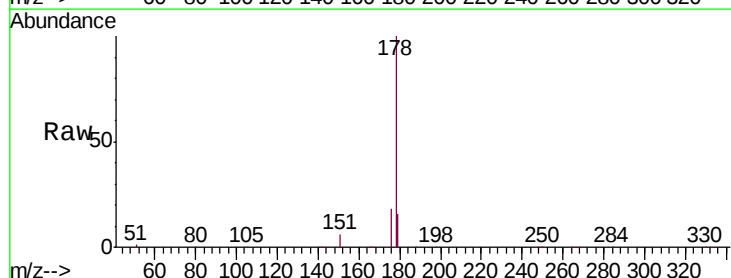
Tgt Ion:178 Resp: 177690

Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

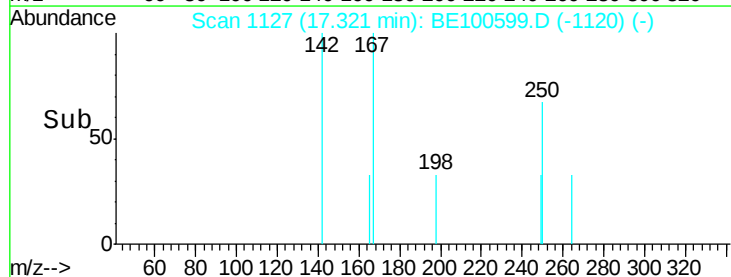
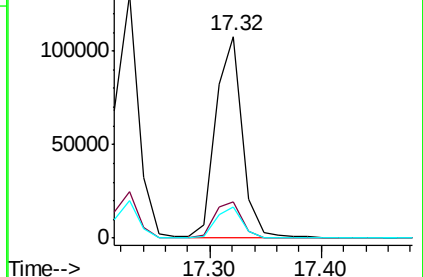
179 15.3 12.2 18.4

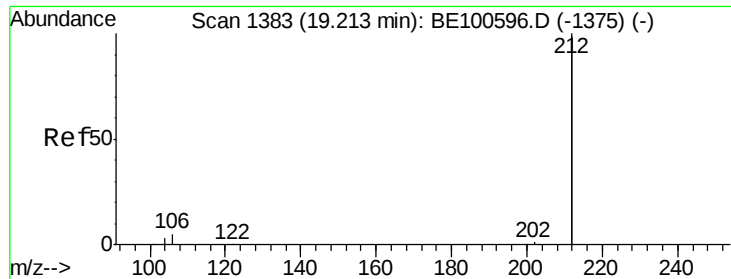


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

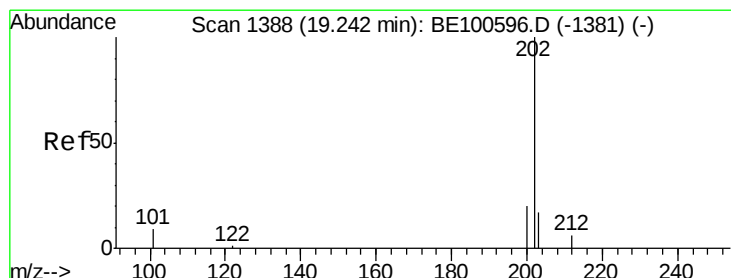
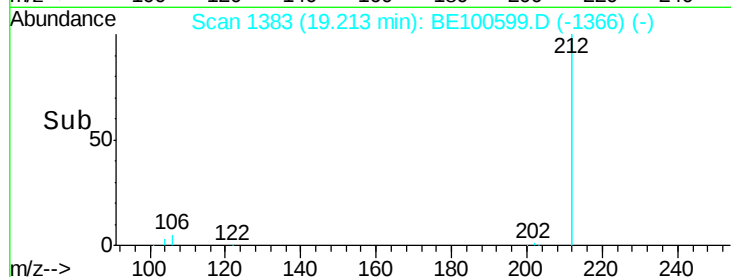
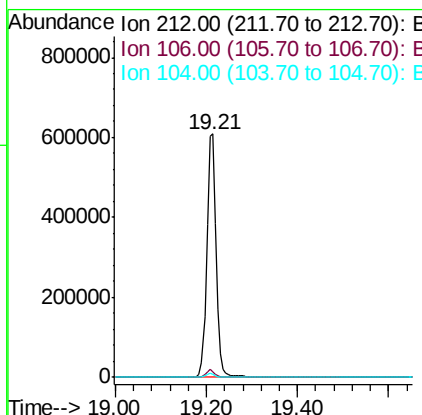
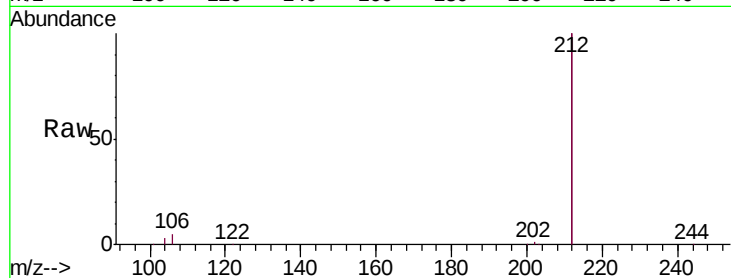




#25
 Fluoranthene-d10
 Concen: 3.517 ng
 RT: 19.21 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BE100599.D
 Acq: 3 Oct 2019 16:24

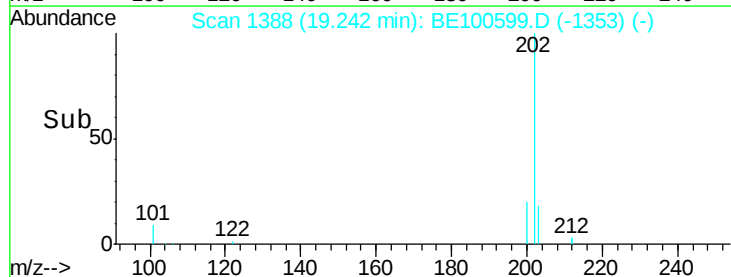
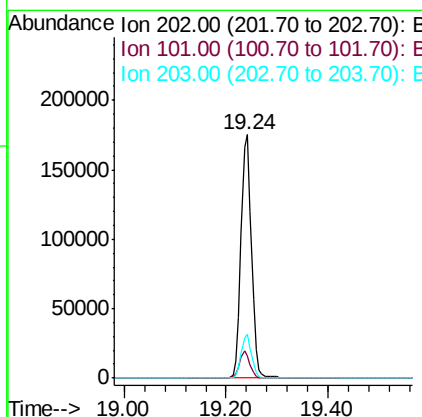
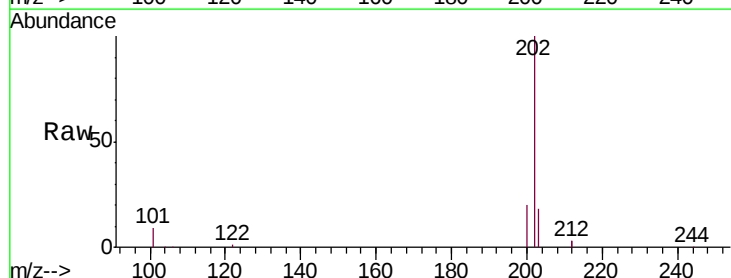
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

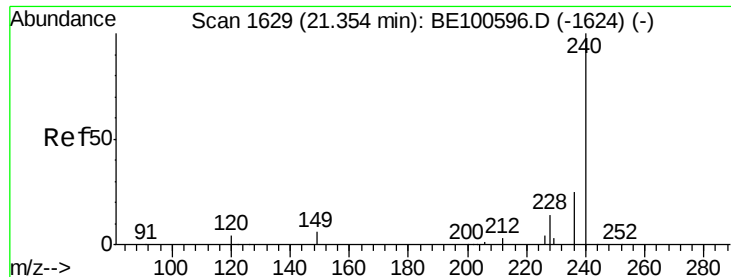
Tgt Ion: 212 Resp: 858525
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.3 3.5
 104 1.7 1.3 1.9



#26
 Fluoranthene
 Concen: 3.609 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BE100599.D
 Acq: 3 Oct 2019 16:24

Tgt Ion: 202 Resp: 248746
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.6 12.8
 203 17.4 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

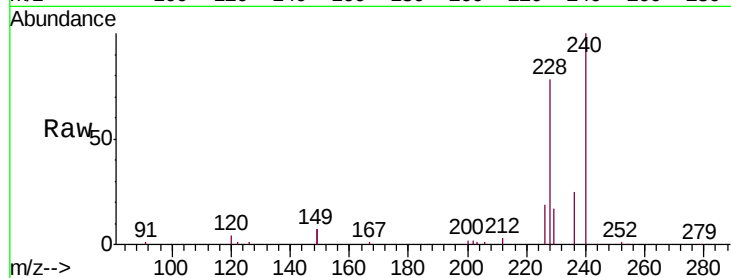
Tgt Ion:240 Resp: 28730

Ion Ratio Lower Upper

240 100

120 3.9 3.6 5.4

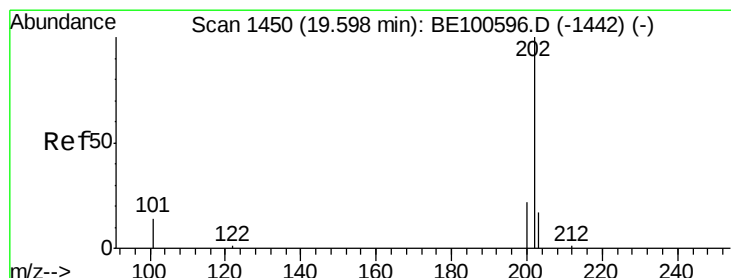
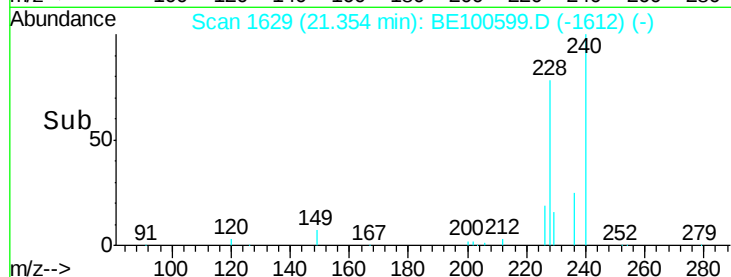
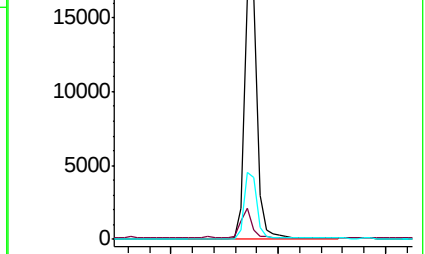
236 25.3 20.5 30.7



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: 3.467 ng

RT: 19.60 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

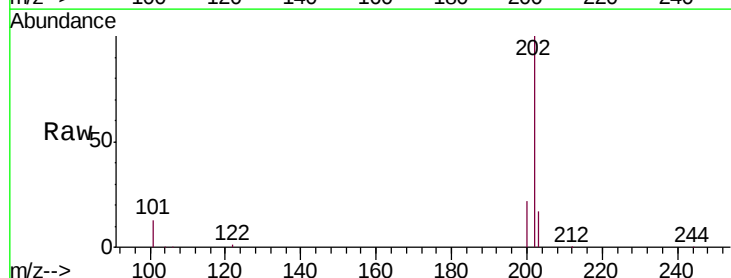
Tgt Ion:202 Resp: 246886

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

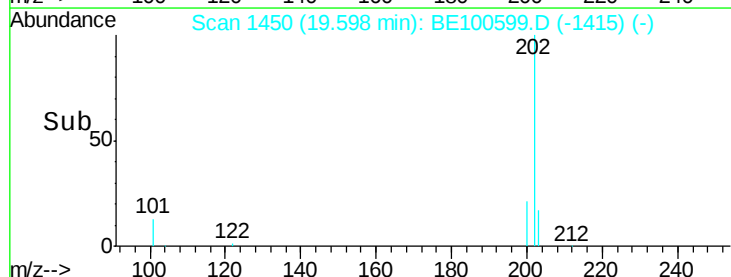
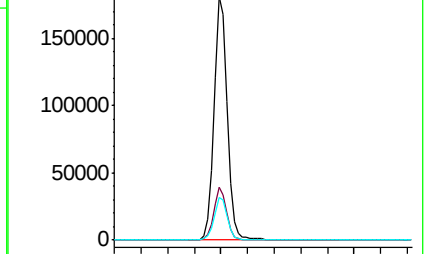
203 17.7 14.1 21.1

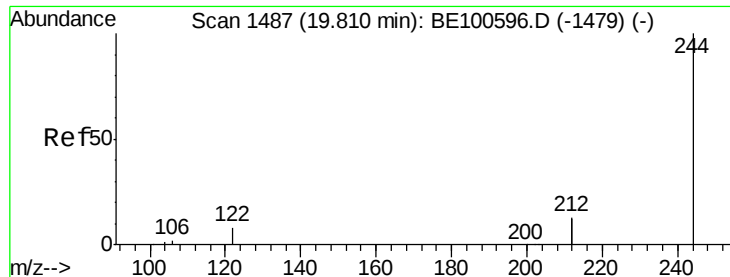


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.544 ng

RT: 19.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

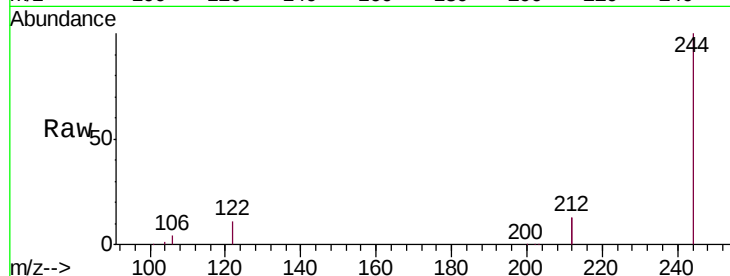
Tgt Ion:244 Resp: 219485

Ion Ratio Lower Upper

244 100

212 26.6 20.6 31.0

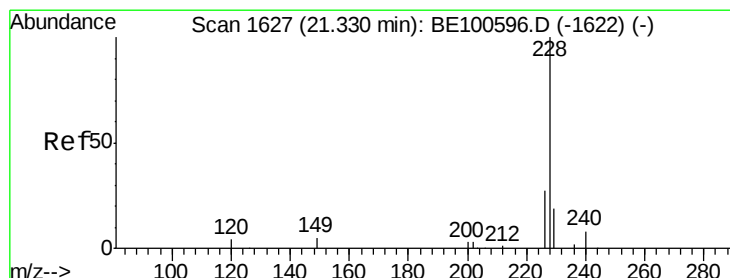
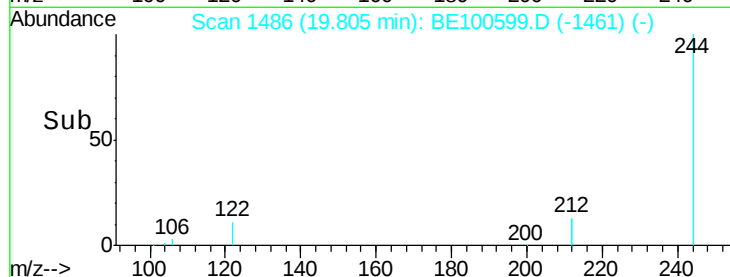
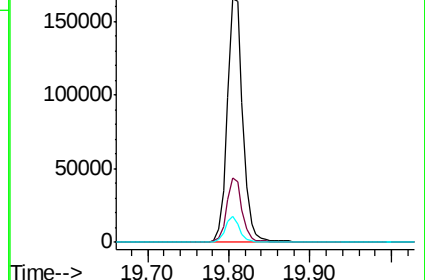
122 10.7 6.5 9.7#



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: 3.270 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

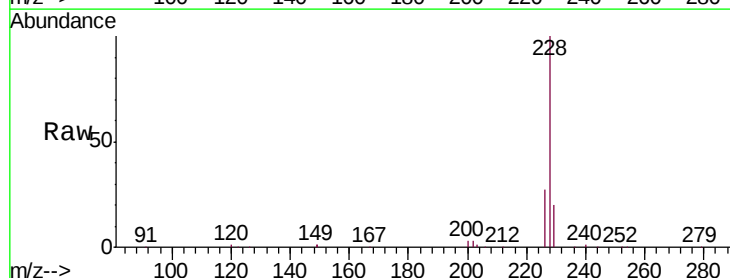
Tgt Ion:228 Resp: 273665

Ion Ratio Lower Upper

228 100

226 27.3 21.5 32.3

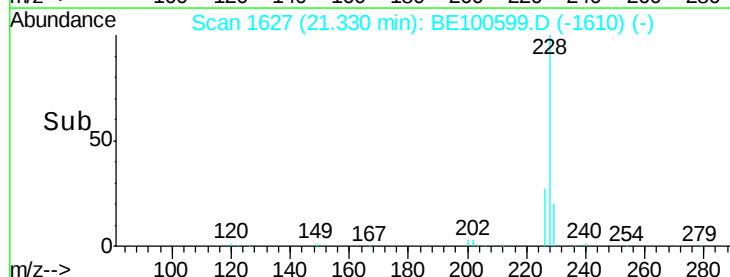
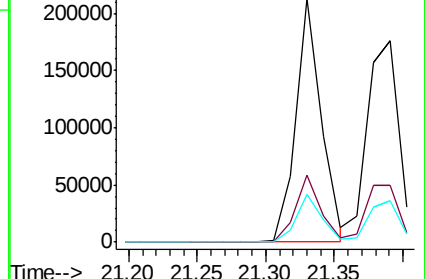
229 19.7 15.6 23.4

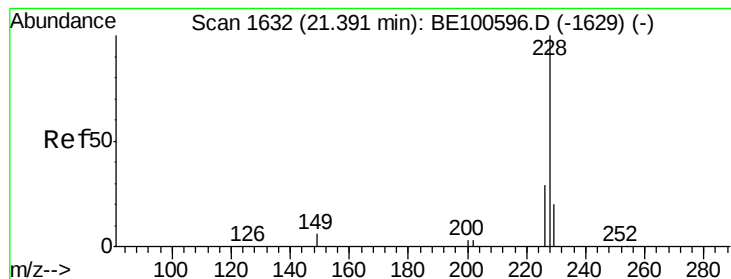


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.291 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

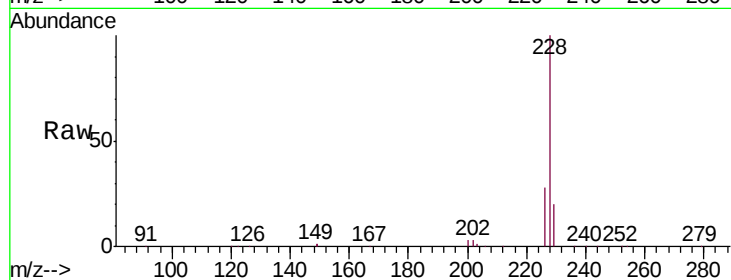
Tgt Ion: 228 Resp: 284847

Ion Ratio Lower Upper

228 100

226 28.5 22.7 34.1

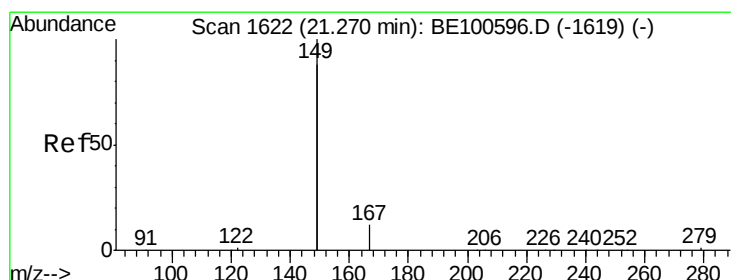
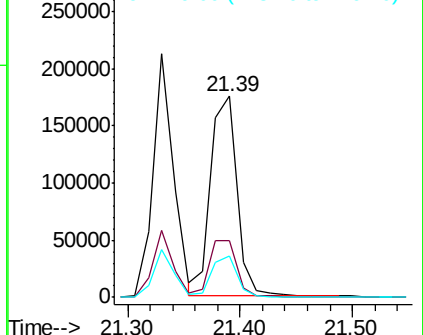
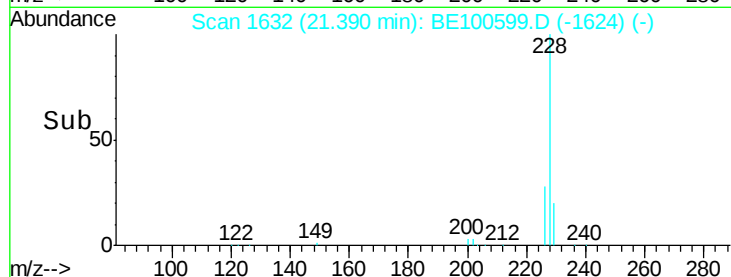
229 20.3 16.3 24.5



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: 2.341 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

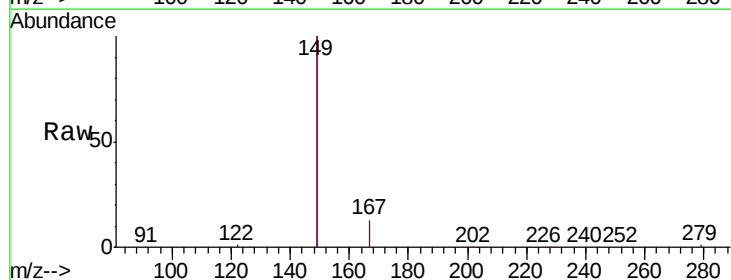
Tgt Ion: 149 Resp: 527020

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

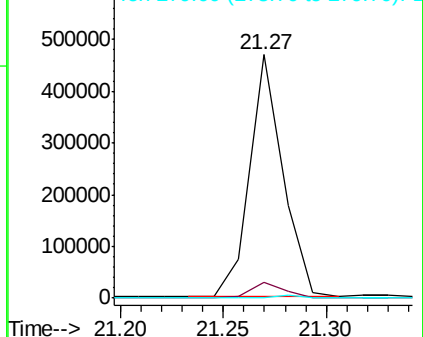
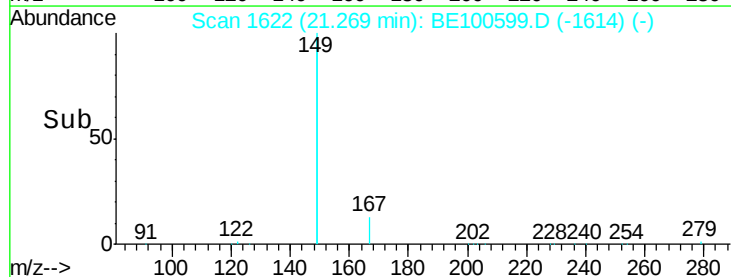
279 1.1 0.9 1.3

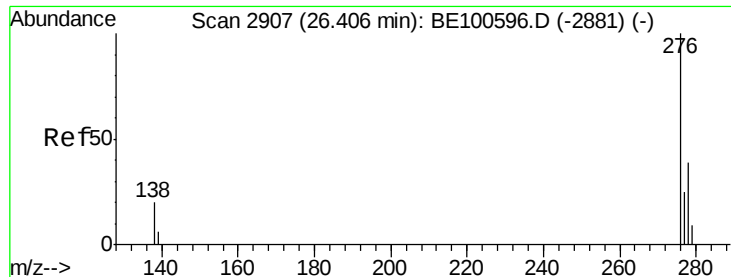


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

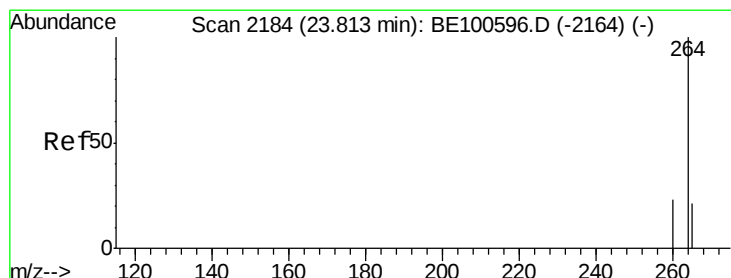
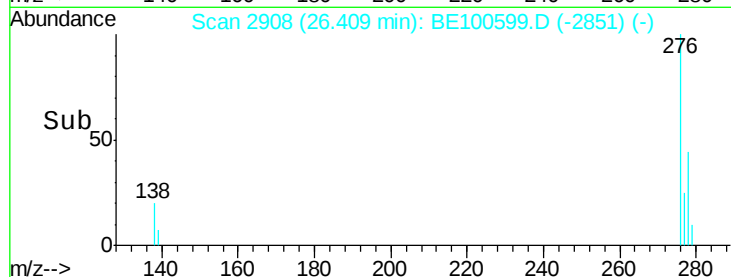
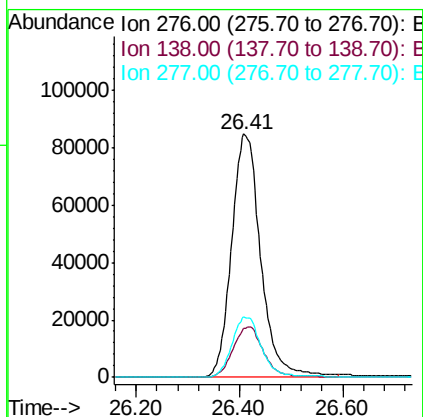
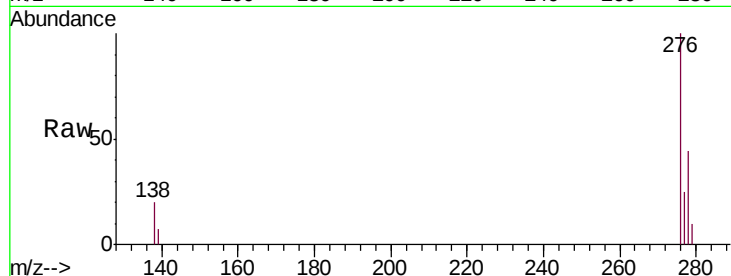




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.323 ng
 RT: 26.41 min Scan# 2908
 Delta R.T. 0.00 min
 Lab File: BE100599.D
 Acq: 3 Oct 2019 16:24

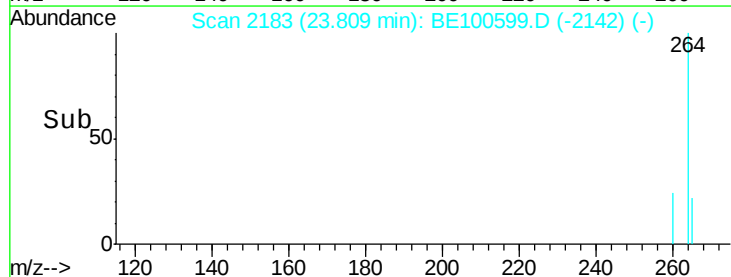
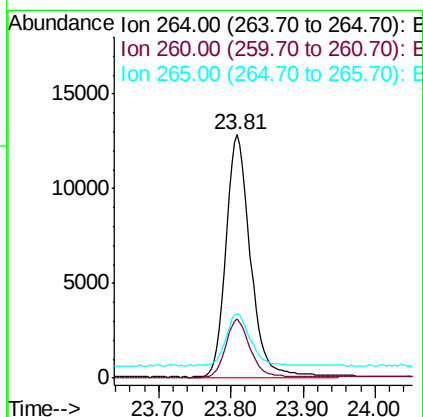
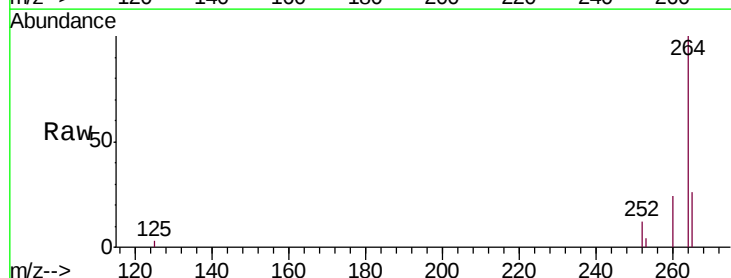
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

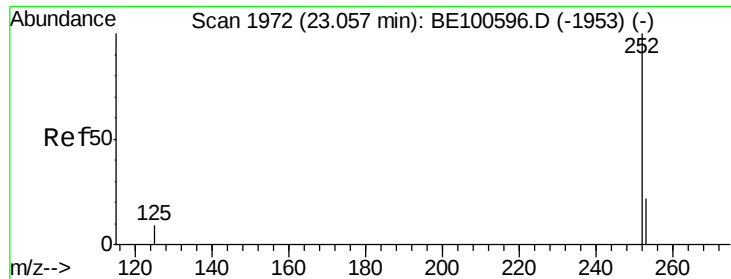
Tgt Ion: 276 Resp: 332704
 Ion Ratio Lower Upper
 276 100
 138 21.8 17.8 26.8
 277 25.2 19.8 29.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.81 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BE100599.D
 Acq: 3 Oct 2019 16:24

Tgt Ion: 264 Resp: 29733
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 26.4 20.9 31.3





#35

Benzo(b)fluoranthene

Concen: 3.517 ng

RT: 23.06 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

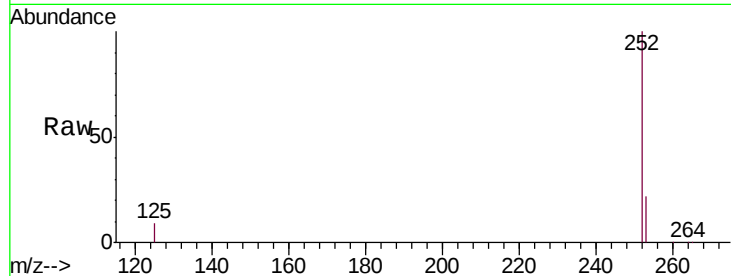
Tgt Ion:252 Resp: 282158

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

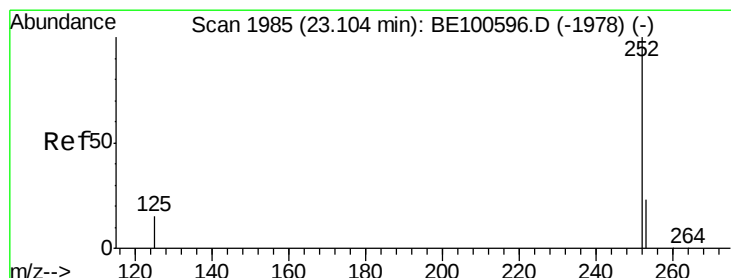
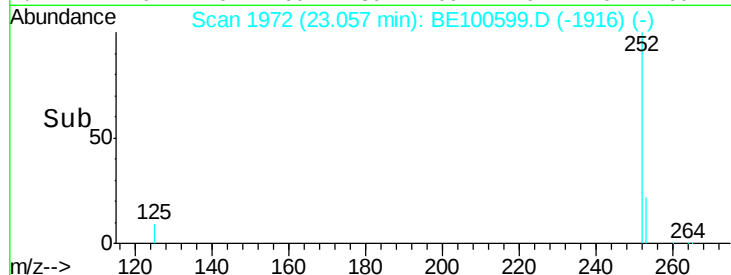
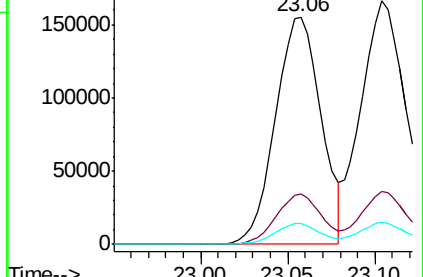
125 9.0 7.9 11.9



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: 3.493 ng

RT: 23.10 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

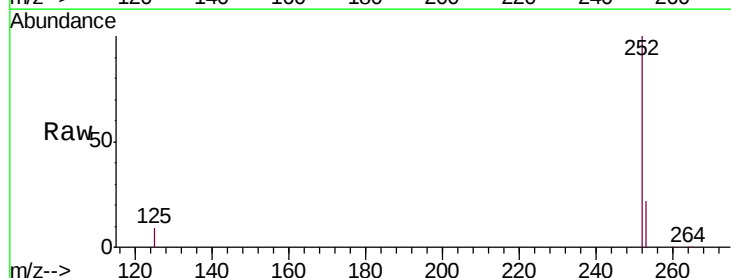
Tgt Ion:252 Resp: 319154

Ion Ratio Lower Upper

252 100

253 22.0 18.6 28.0

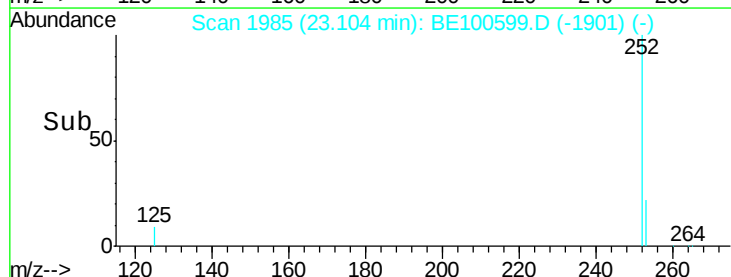
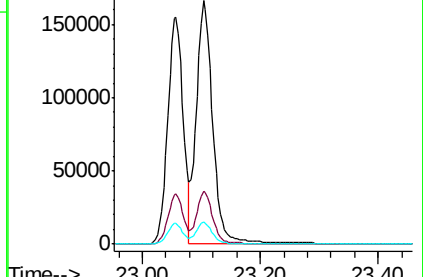
125 9.3 11.4 17.0#

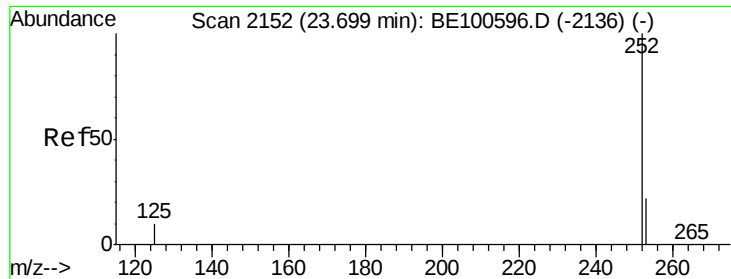


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.537 ng

RT: 23.70 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

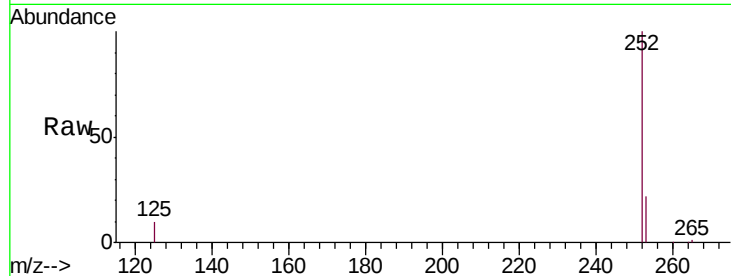
Tgt Ion: 252 Resp: 263502

Ion Ratio Lower Upper

252 100

253 22.0 18.5 27.7

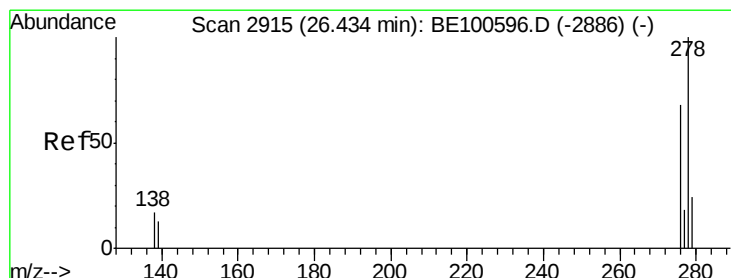
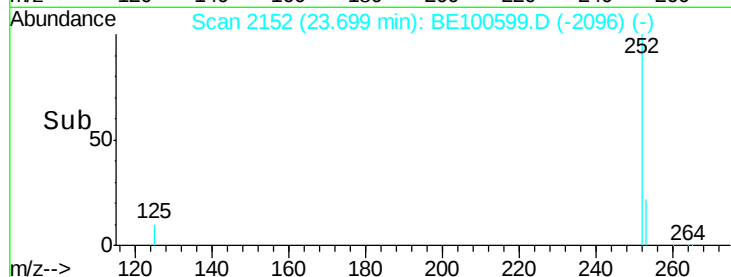
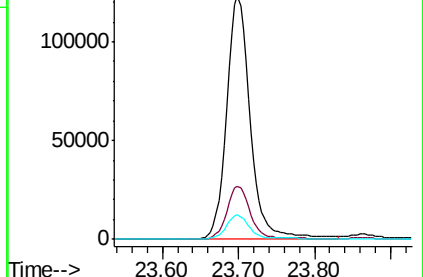
125 9.9 8.8 13.2



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: 3.684 ng

RT: 26.43 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BE100599.D

Acq: 3 Oct 2019 16:24

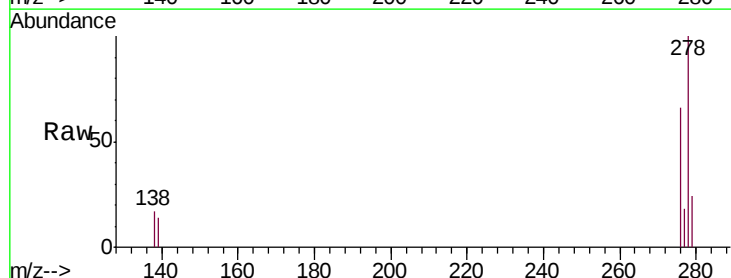
Tgt Ion: 278 Resp: 281786

Ion Ratio Lower Upper

278 100

139 13.7 11.0 16.4

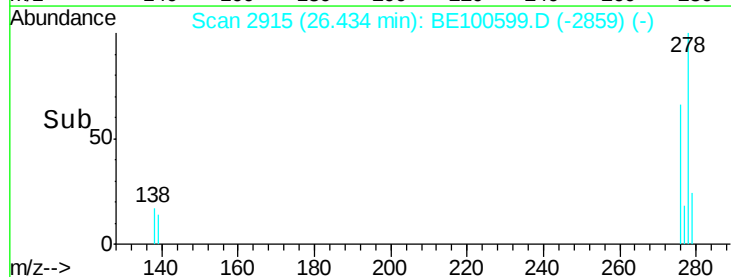
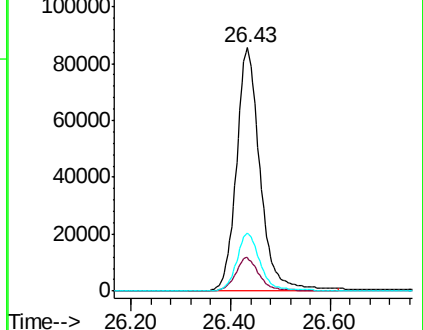
279 23.9 19.7 29.5

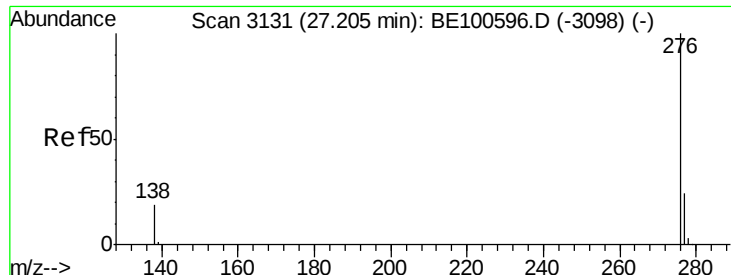


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.528 ng

RT: 27.20 min Scan# 3130

Delta R.T. -0.00 min

Lab File: BE100599.D

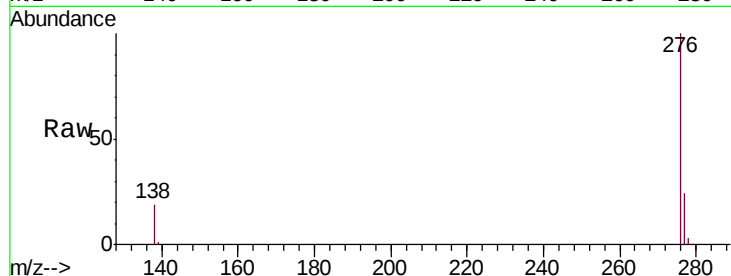
Acq: 3 Oct 2019 16:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2



Tgt Ion: 276 Resp: 272912

Ion Ratio Lower Upper

276 100

277 24.2 19.5 29.3

138 18.9 15.6 23.4

