

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092019\
 Data File : BE100528.D
 Acq On : 20 Sep 2019 15:12
 Operator : HP/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Sep 20 16:21:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 16:06:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	6357	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	28827	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	16293	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	35213	0.40	ng	0.00
27) Chrysene-d12	21.37	240	40136	0.40	ng	0.00
34) Perylene-d12	23.83	264	44177	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.43	112	5499	0.33	ng	0.00
5) Phenol-d6	7.02	99	7359	0.33	ng	0.00
8) Nitrobenzene-d5	9.00	82	5951	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	16314	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	953	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	22687	0.40	ng	0.00
25) Fluoranthene-d10	19.22	212	158974	0.37	ng	0.00
29) Terphenyl-d14	19.82	244	36724	0.39	ng	0.00

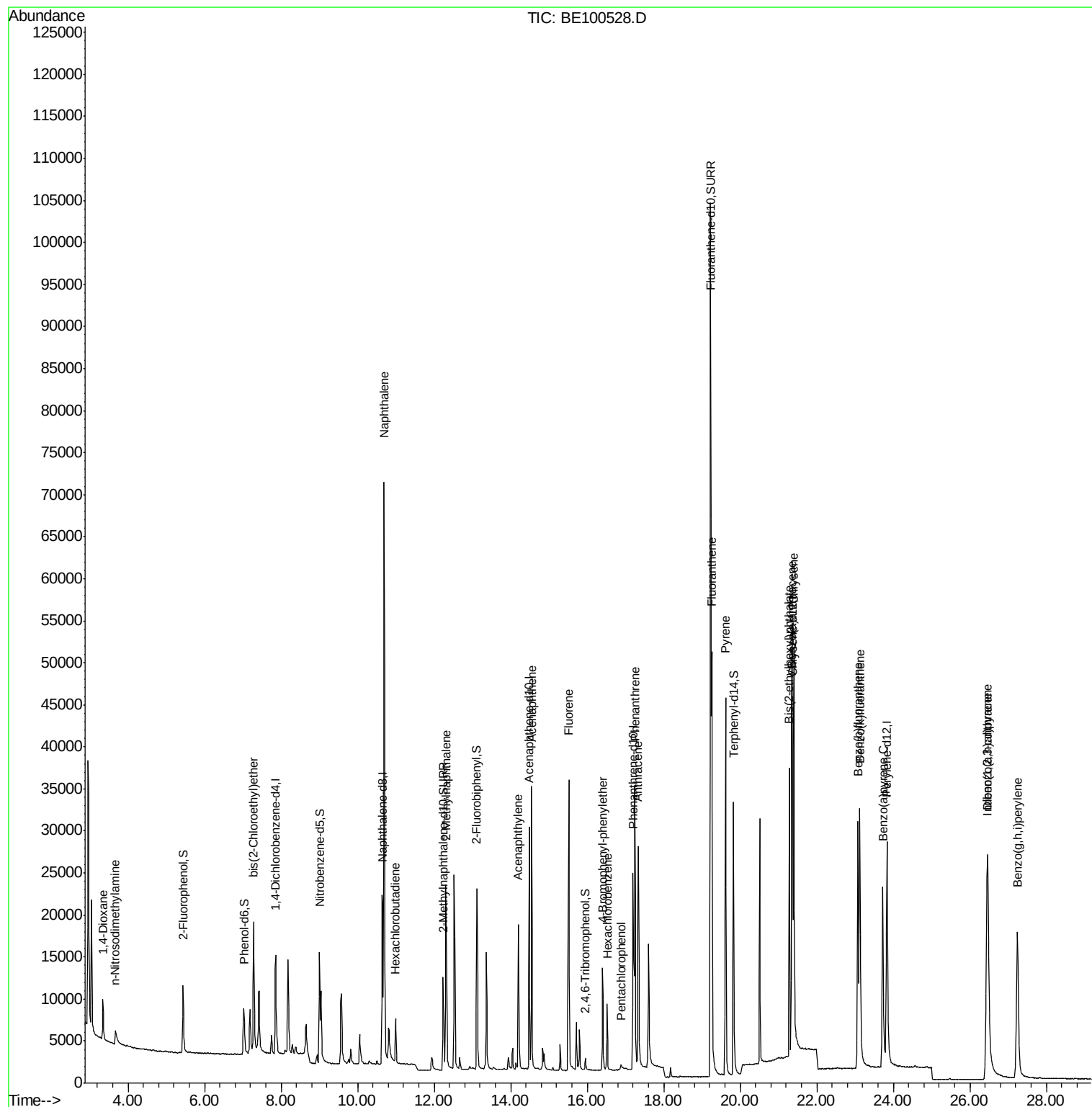
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	3707	0.377	ng	98
3) n-Nitrosodimethylamine	3.67	42	1633	0.296	ng	100
6) bis(2-Chloroethyl)ether	7.28	93	7812	0.380	ng	100
9) Naphthalene	10.69	128	116639	0.399	ng	100
10) Hexachlorobutadiene	10.99	225	3756	0.408	ng	100
12) 2-Methylnaphthalene	12.31	142	17923	0.380	ng	100
16) Acenaphthylene	14.20	152	24337	0.360	ng	100
17) Acenaphthene	14.54	154	16990	0.382	ng	100
18) Fluorene	15.52	166	21187	0.374	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	6341	0.393	ng	100
21) Hexachlorobenzene	16.52	284	5492	0.400	ng	100
22) Pentachlorophenol	16.88	266	778	0.226	ng	100
23) Phenanthrene	17.24	178	37818	0.393	ng	100
24) Anthracene	17.34	178	29710	0.363	ng	100
26) Fluoranthene	19.26	202	44848	0.385	ng	100
28) Pyrene	19.61	202	44655	0.394	ng	100
30) Benzo(a)anthracene	21.34	228	40919	0.369	ng	100
31) Chrysene	21.40	228	46610	0.397	ng	100
32) Bis(2-ethylhexyl)phthalate	21.28	149	41691	0.314	ng	100
33) Indeno(1,2,3-cd)pyrene	26.45	276	52736	0.380	ng	100
35) Benzo(b)fluoranthene	23.08	252	43475	0.375	ng	100
36) Benzo(k)fluoranthene	23.12	252	51709	0.383	ng	100
37) Benzo(a)pyrene	23.72	252	41669	0.377	ng	100
38) Dibenzo(a,h)anthracene	26.47	278	42979	0.377	ng	100
39) Benzo(g,h,i)perylene	27.24	276	46809	0.397	ng	100

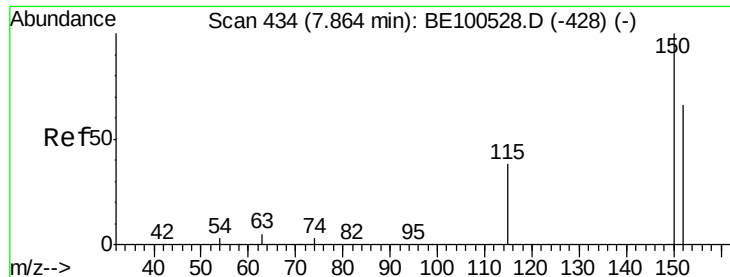
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

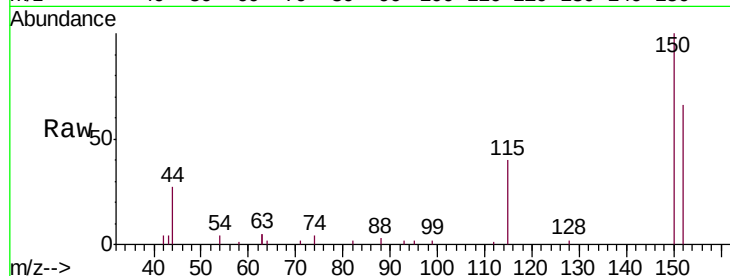
Tgt Ion:152 Resp: 6357

Ion Ratio Lower Upper

152 100

150 152.0 121.6 182.4

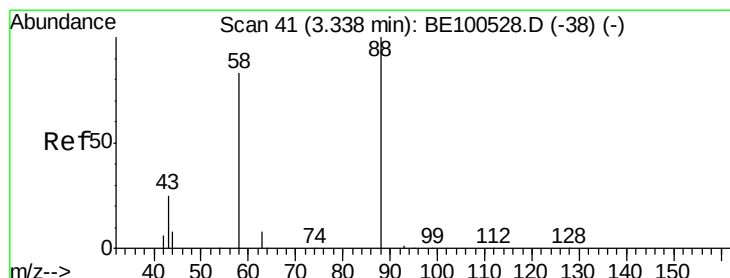
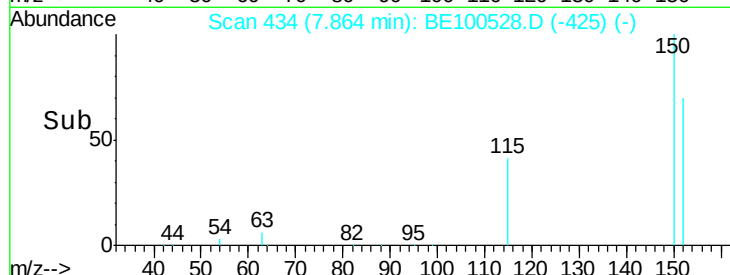
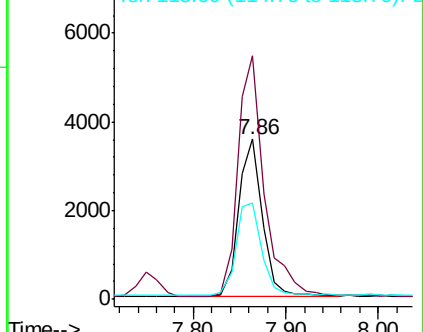
115 60.3 48.2 72.4



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: 0.377 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

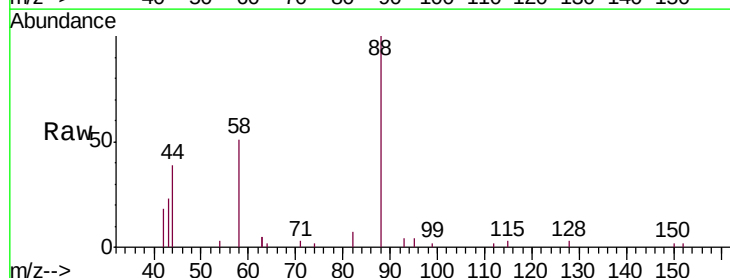
Tgt Ion: 88 Resp: 3707

Ion Ratio Lower Upper

88 100

58 68.2 53.3 79.9

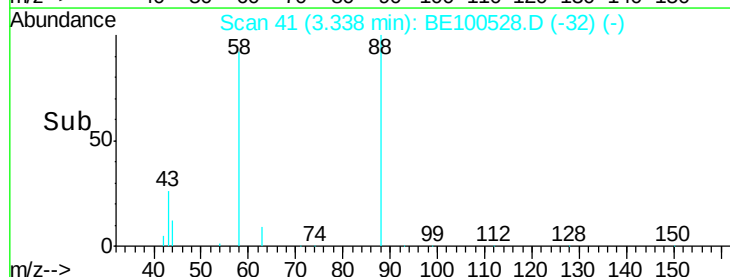
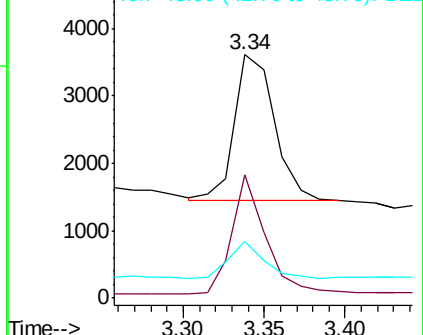
43 21.3 16.9 25.3

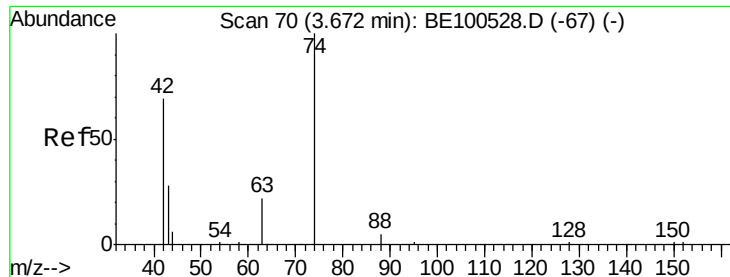


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.296 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

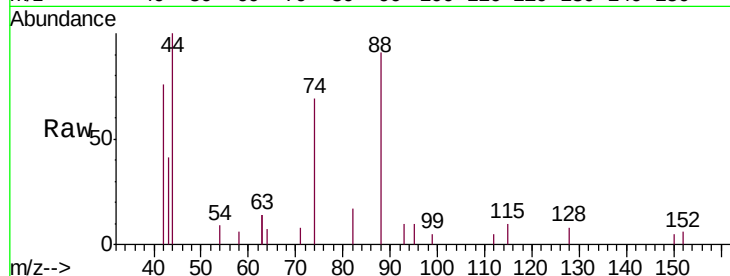
Tgt Ion: 42 Resp: 1633

Ion Ratio Lower Upper

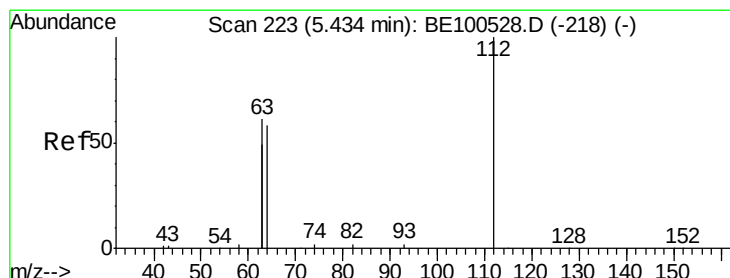
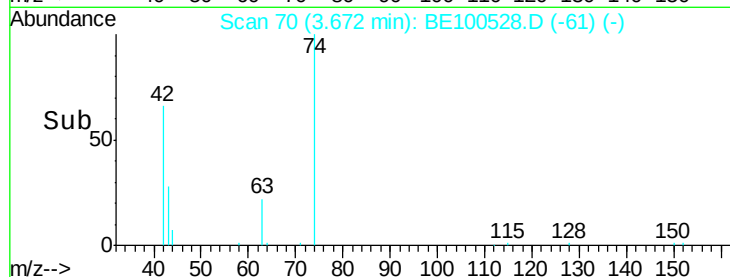
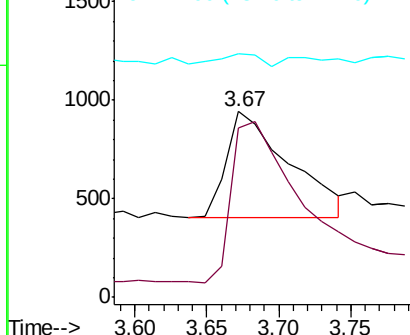
42 100

74 167.2 133.8 200.6

44 8.0 6.4 9.6



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: 0.330 ng

RT: 5.43 min Scan# 223

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

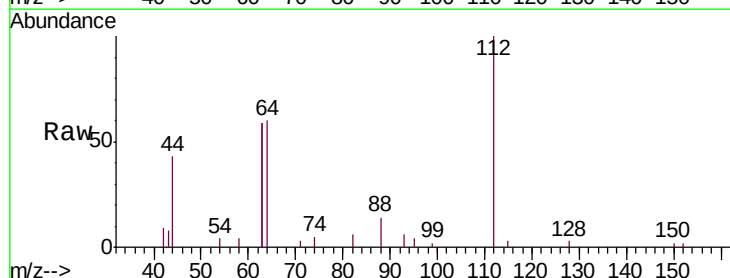
Tgt Ion: 112 Resp: 5499

Ion Ratio Lower Upper

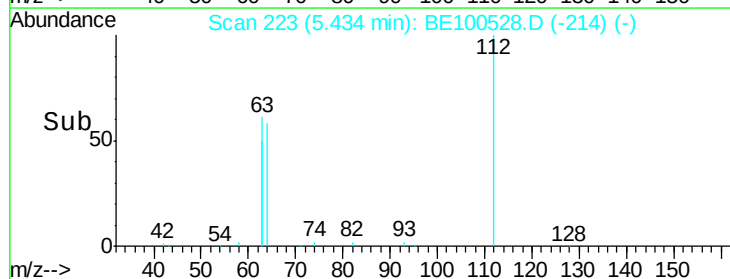
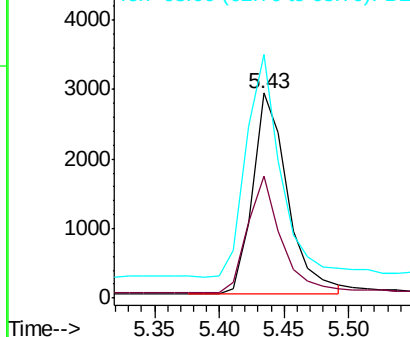
112 100

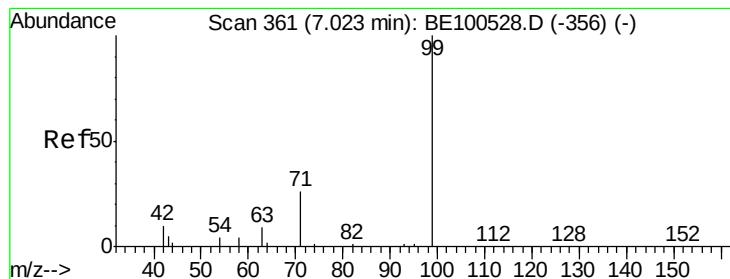
64 56.0 44.1 66.1

63 108.0 86.5 129.7



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: 0.333 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

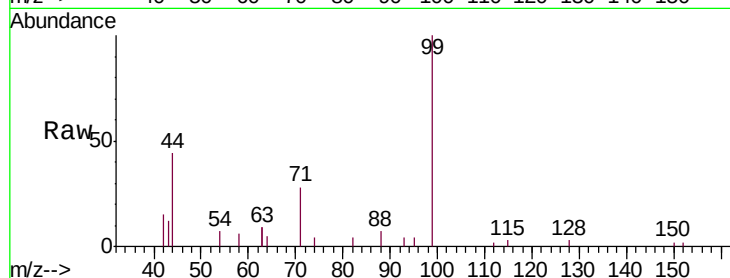
Tgt Ion: 99 Resp: 7359

Ion Ratio Lower Upper

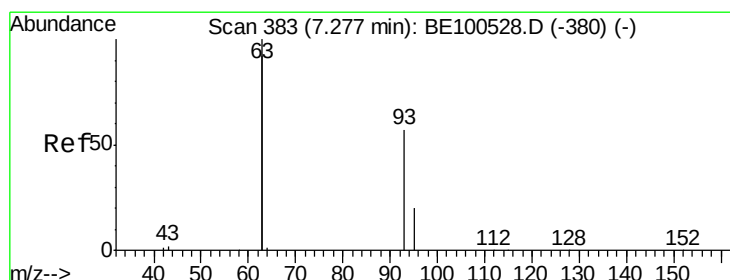
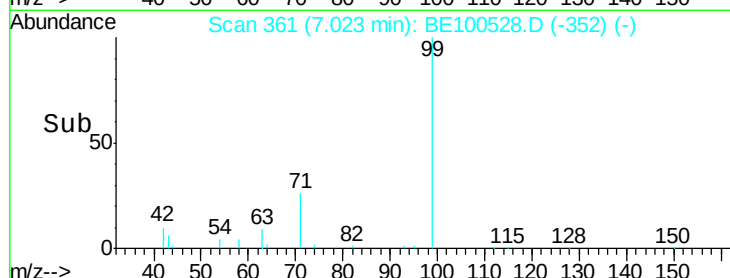
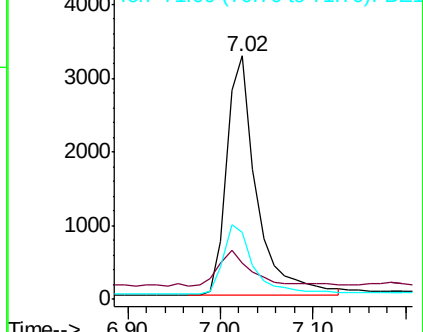
99 100

42 16.3 13.0 19.6

71 29.2 23.4 35.0



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: 0.380 ng

RT: 7.28 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

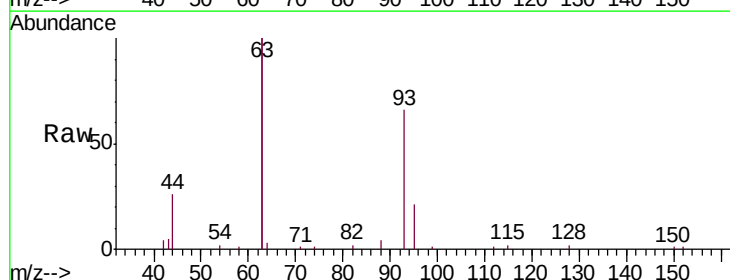
Tgt Ion: 93 Resp: 7812

Ion Ratio Lower Upper

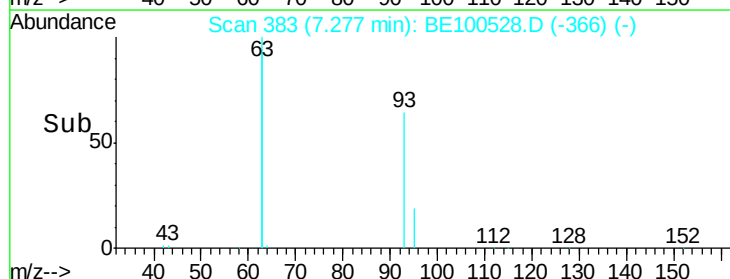
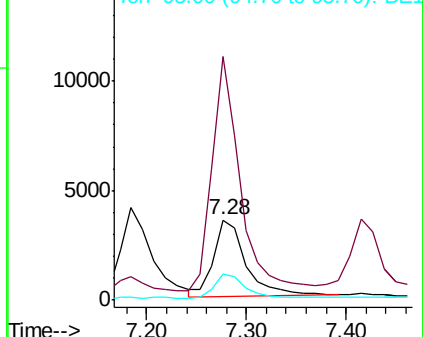
93 100

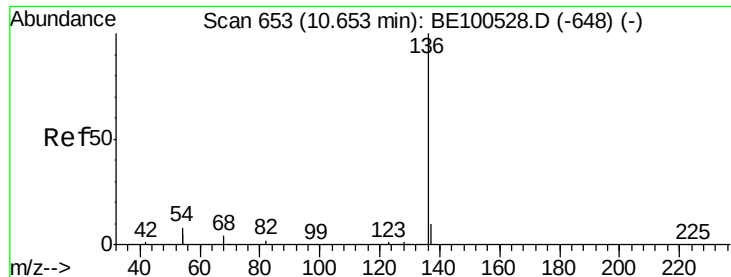
63 266.7 213.4 320.0

95 29.6 23.7 35.5



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: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tgt Ion:136 Resp: 28827

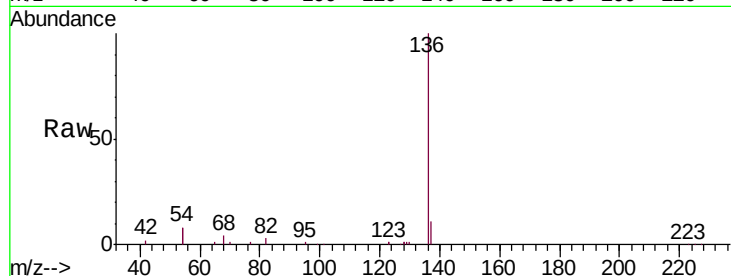
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 15.5 12.4 18.6

68 4.1 3.3 4.9

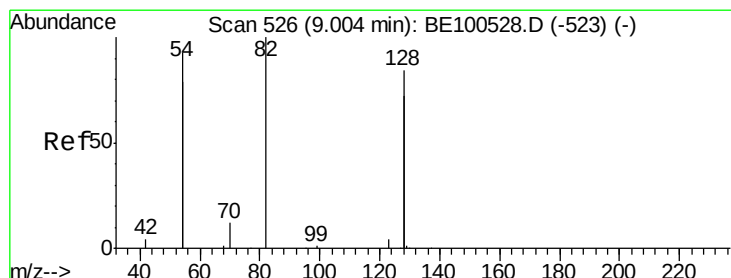
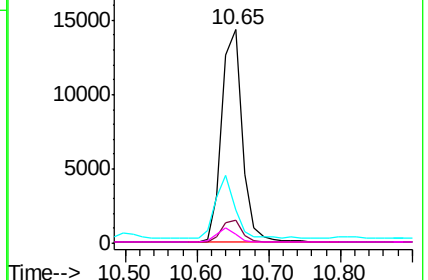
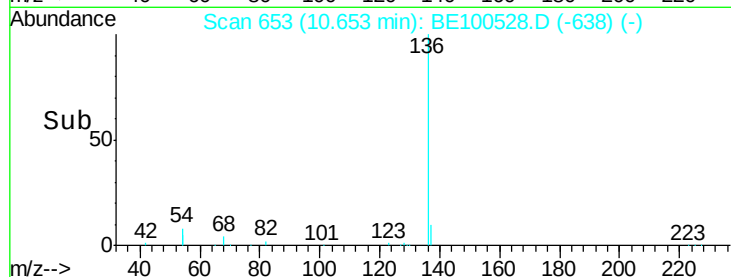


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.375 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

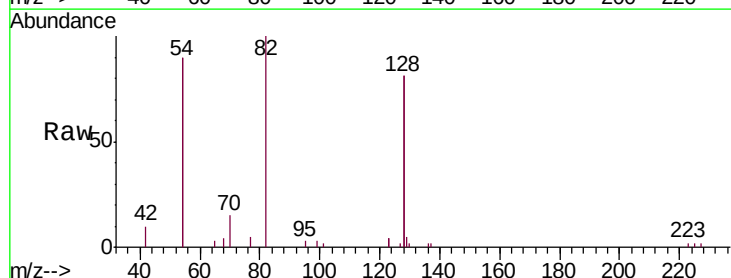
Tgt Ion: 82 Resp: 5951

Ion Ratio Lower Upper

82 100

128 161.8 129.4 194.2

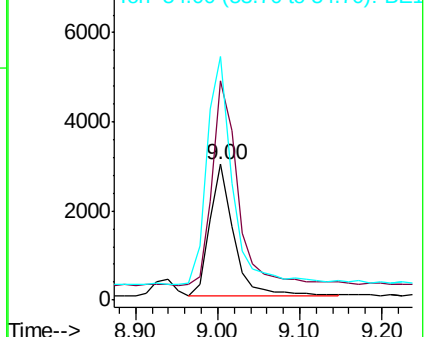
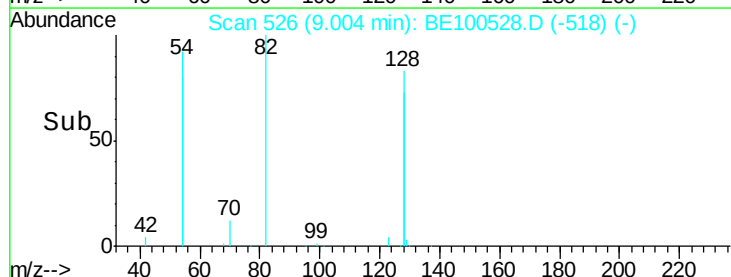
54 179.1 143.3 214.9

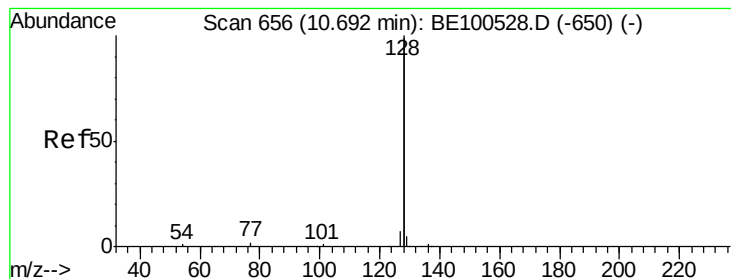


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.399 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

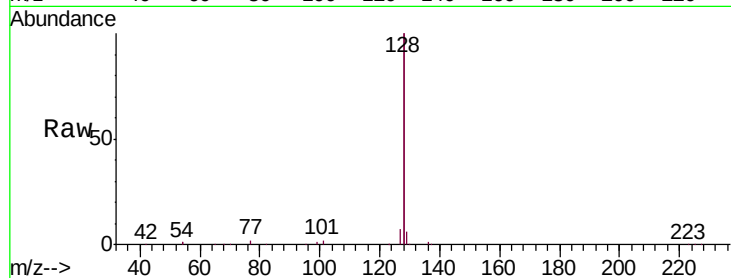
Tgt Ion:128 Resp: 116639

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

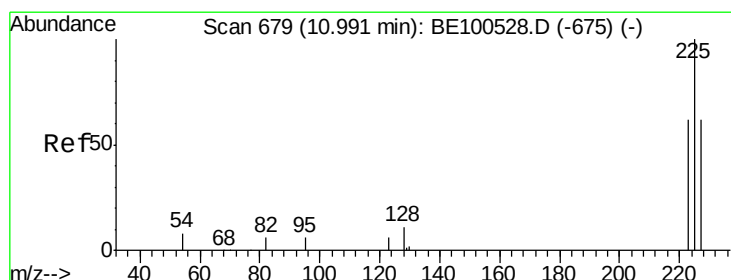
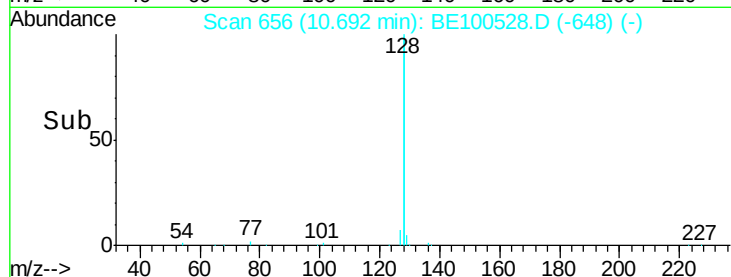
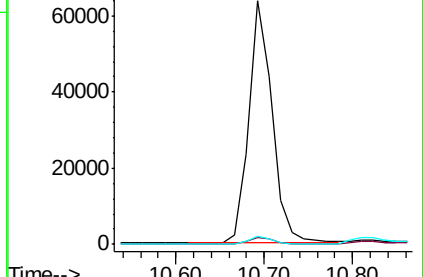
127 3.4 2.7 4.1



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: 0.408 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

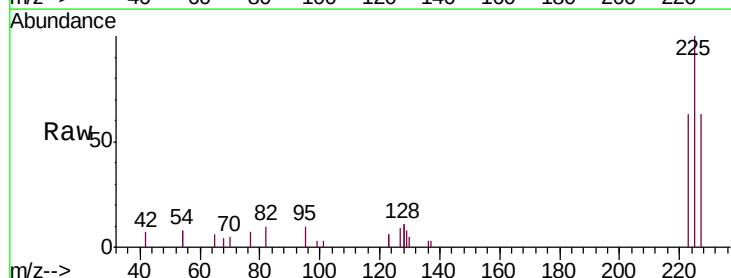
Tgt Ion:225 Resp: 3756

Ion Ratio Lower Upper

225 100

223 62.1 49.7 74.5

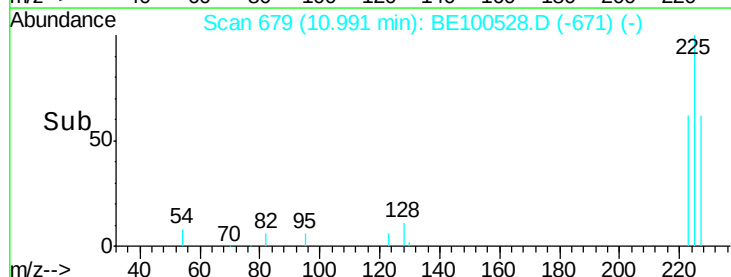
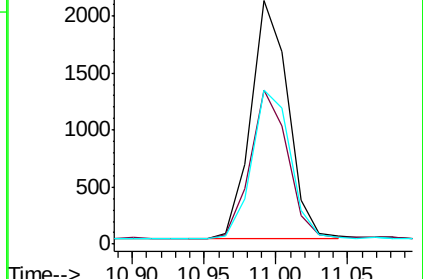
227 64.3 51.4 77.2

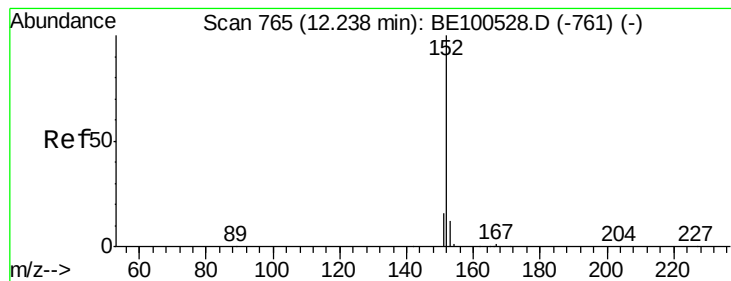


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.374 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

Instrument :

BNA_E

ClientSampleId :

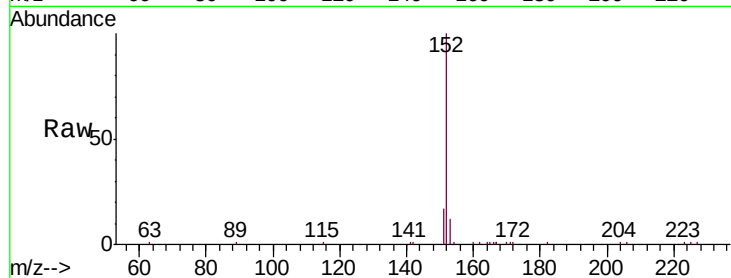
SSTDICCC0.4

Tgt Ion:152 Resp: 16314

Ion Ratio Lower Upper

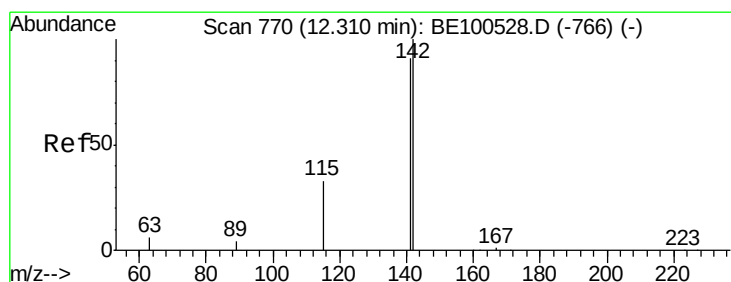
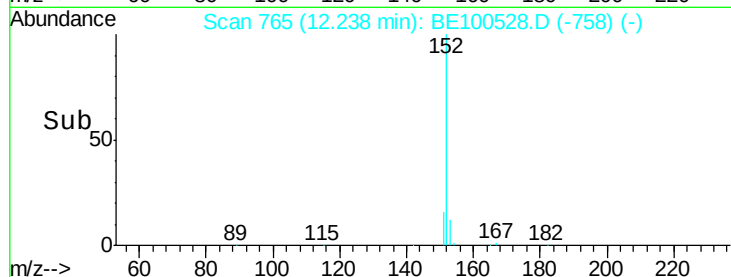
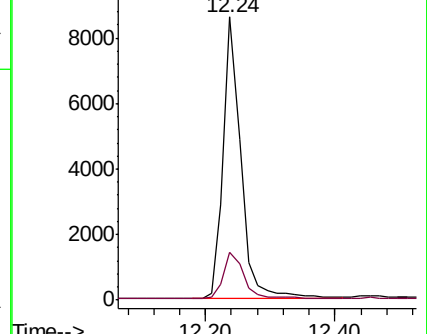
152 100

151 19.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.380 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

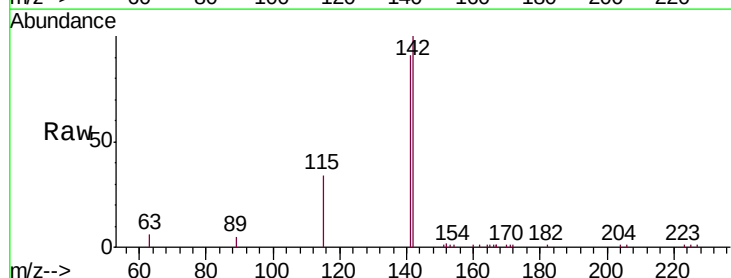
Tgt Ion:142 Resp: 17923

Ion Ratio Lower Upper

142 100

141 90.6 72.5 108.7

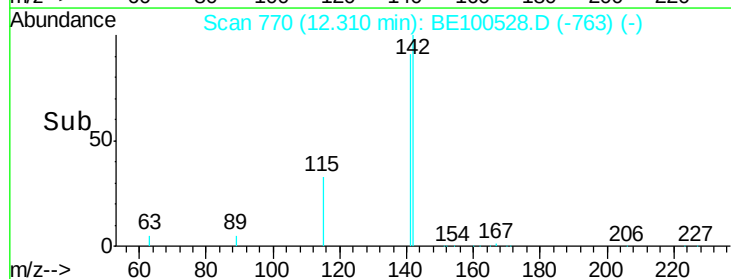
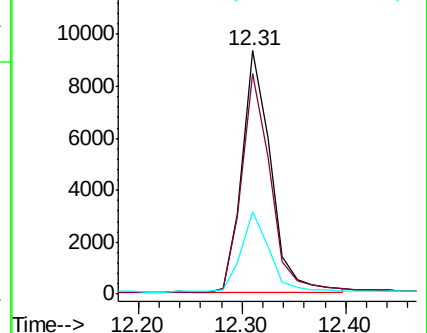
115 34.0 27.2 40.8

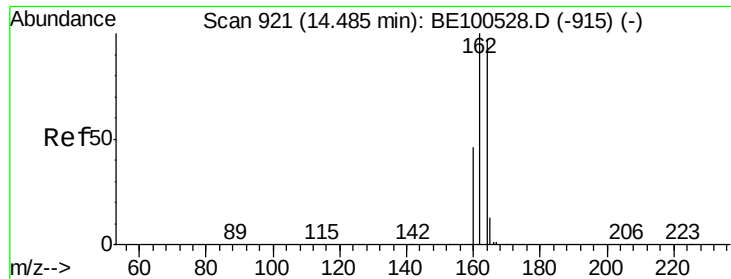


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

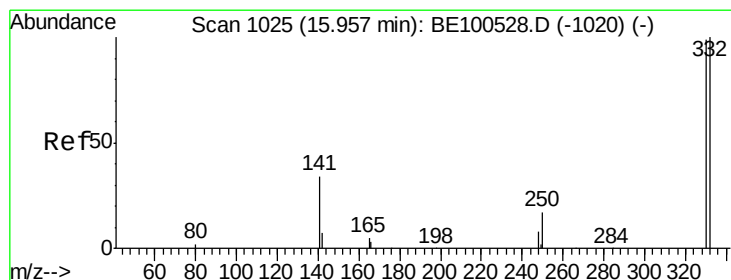
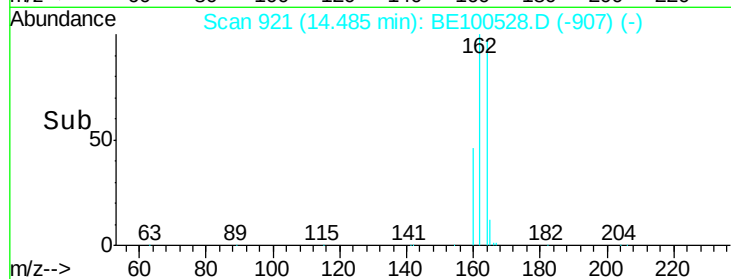
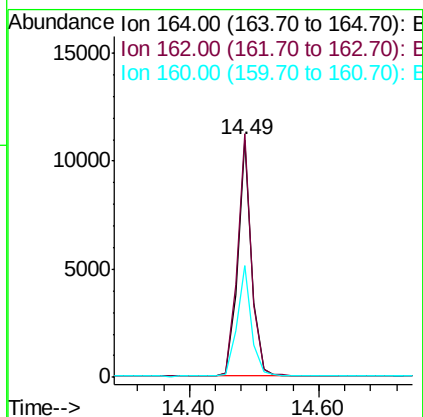
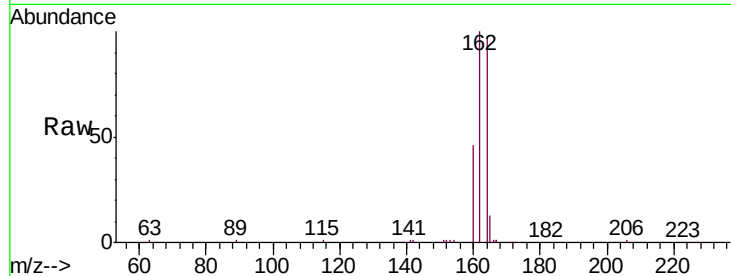




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BE100528.D
 Acq: 20 Sep 2019 15:12

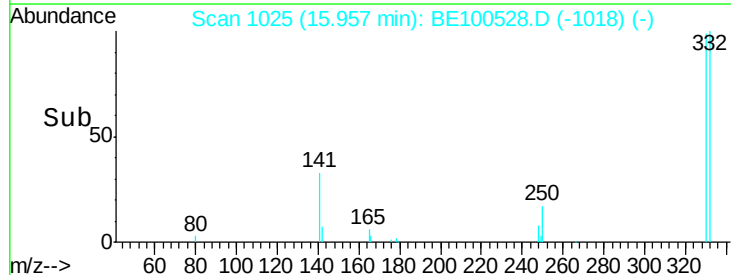
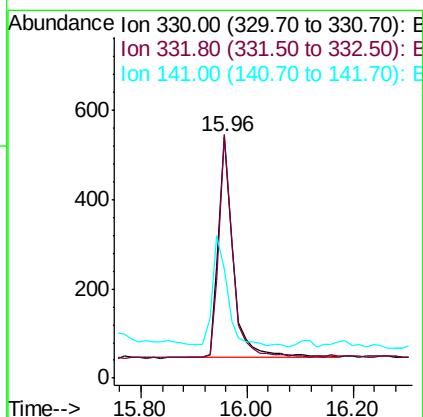
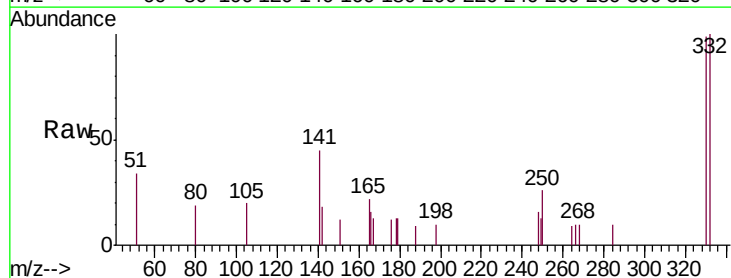
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

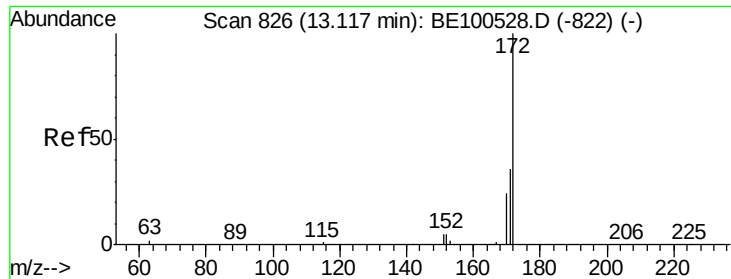
Tgt Ion:164 Resp: 16293
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.1 123.1
 160 47.0 37.6 56.4



#14
 2,4,6-Tribromophenol
 Concen: 0.304 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BE100528.D
 Acq: 20 Sep 2019 15:12

Tgt Ion:330 Resp: 953
 Ion Ratio Lower Upper
 330 100
 332 94.4 75.5 113.3
 141 52.9 42.3 63.5

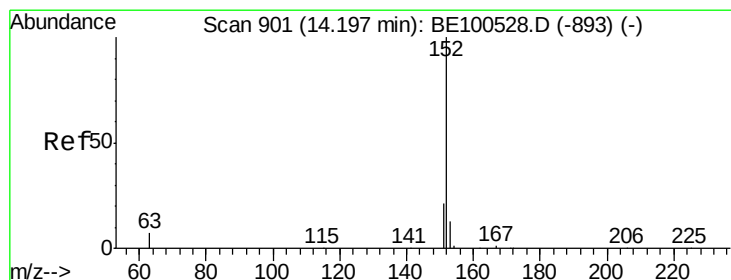
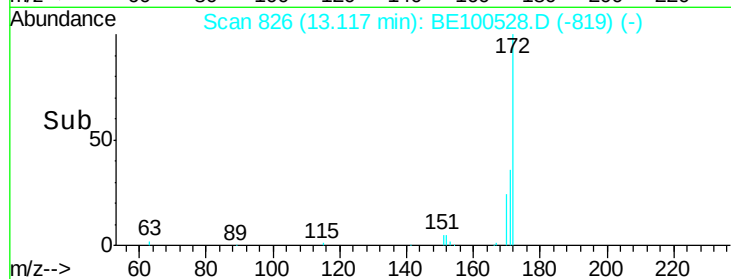
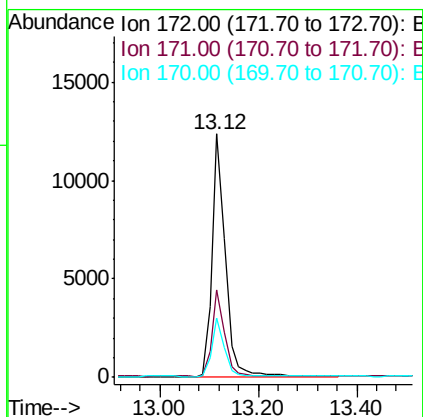
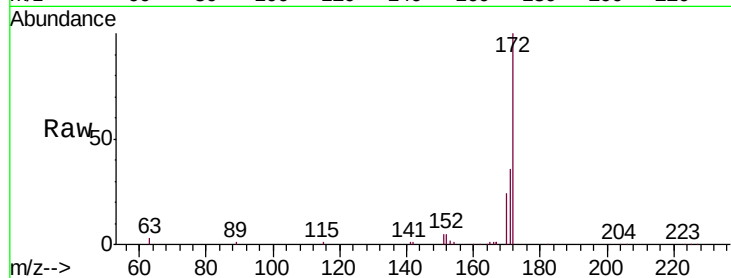




#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100528.D
Acq: 20 Sep 2019 15:12

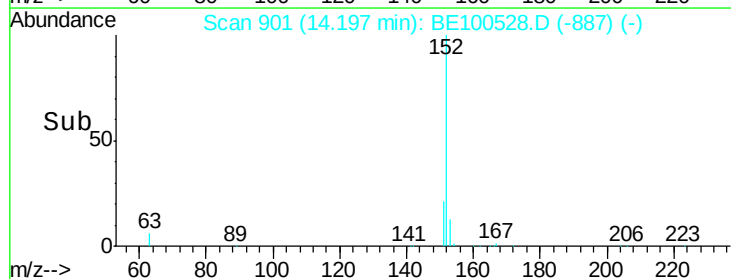
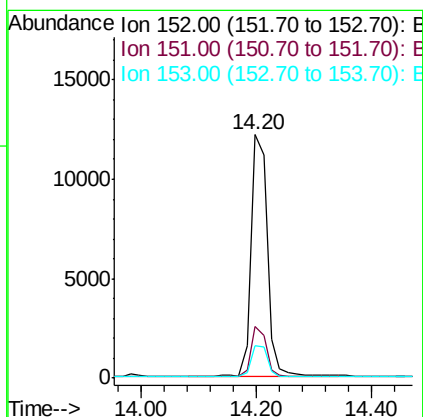
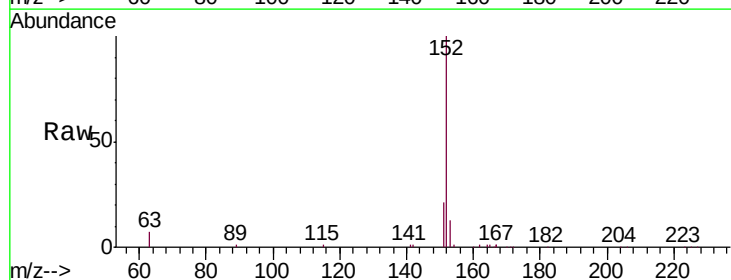
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

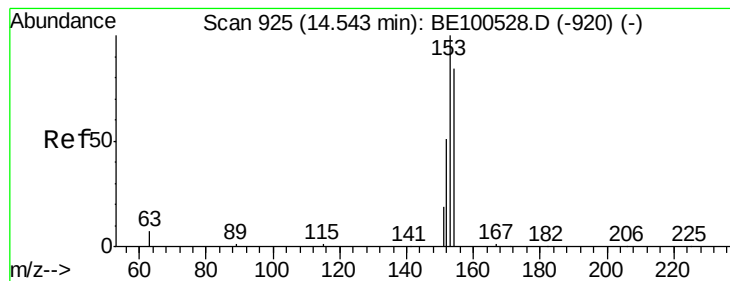
Tgt Ion:172 Resp: 22687
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.2 19.4 29.0



#16
Acenaphthylene
Concen: 0.360 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE100528.D
Acq: 20 Sep 2019 15:12

Tgt Ion:152 Resp: 24337
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.4 10.7 16.1





#17

Acenaphthene

Concen: 0.382 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

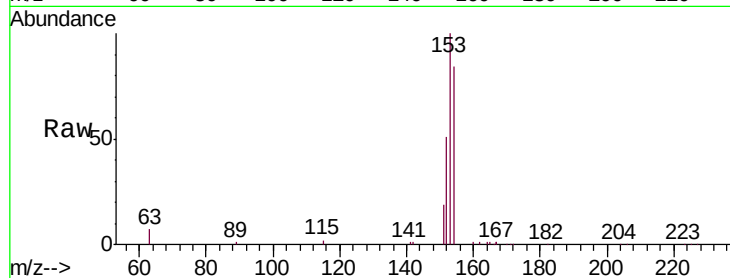
Tgt Ion:154 Resp: 16990

Ion Ratio Lower Upper

154 100

153 117.1 93.7 140.5

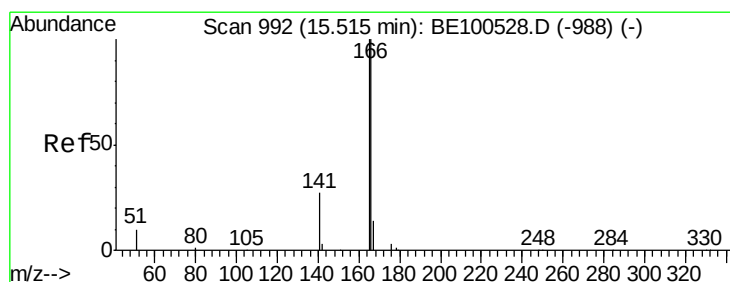
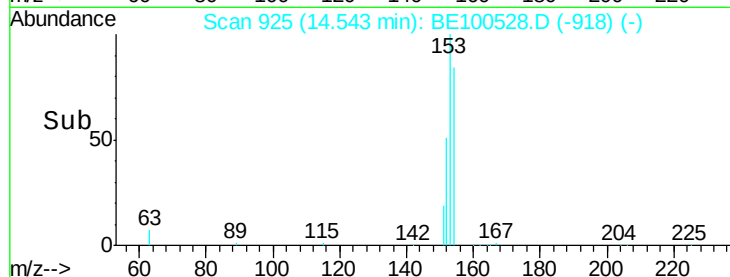
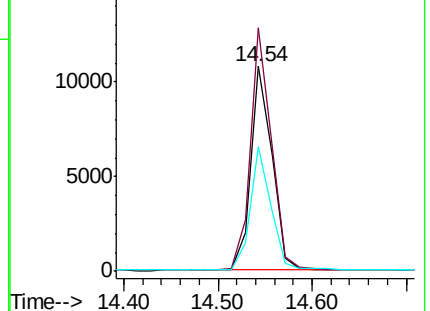
152 59.1 47.3 70.9



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: 0.374 ng

RT: 15.52 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

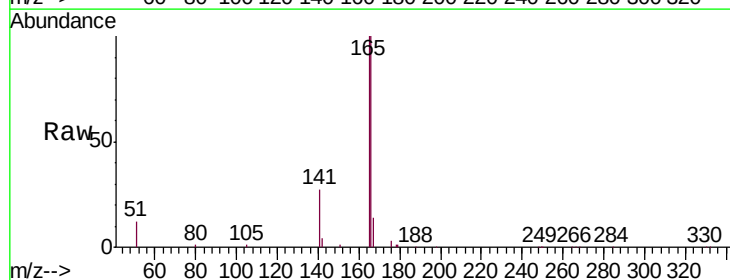
Tgt Ion:166 Resp: 21187

Ion Ratio Lower Upper

166 100

165 100.1 80.1 120.1

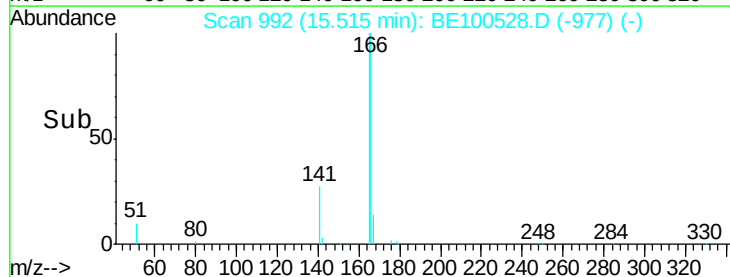
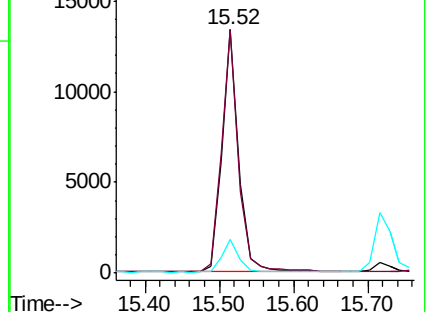
167 13.6 10.9 16.3

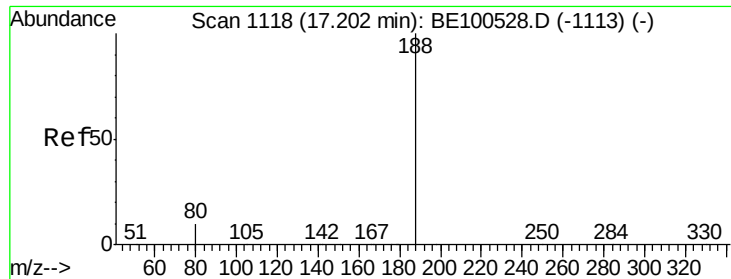


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.20 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

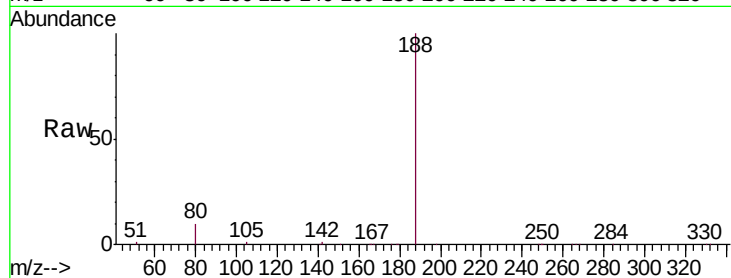
Tgt Ion:188 Resp: 35213

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

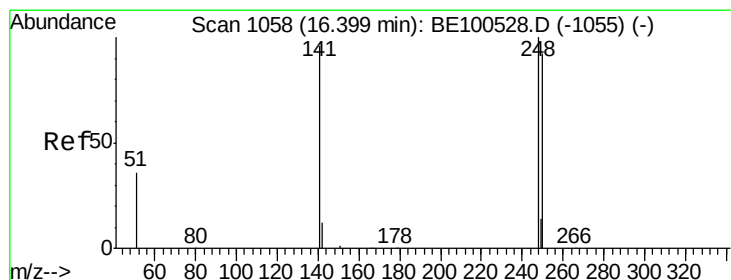
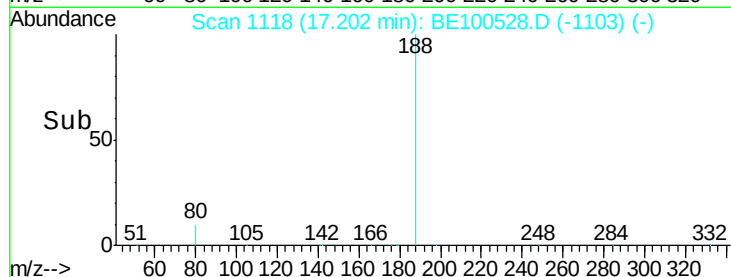
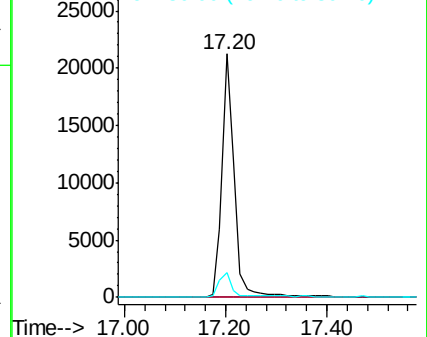
80 10.0 8.0 12.0



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: 0.393 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

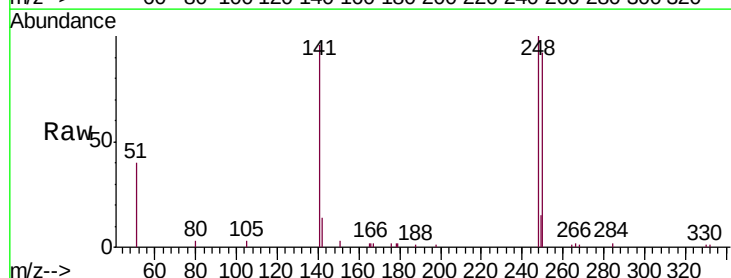
Tgt Ion:248 Resp: 6341

Ion Ratio Lower Upper

248 100

250 91.9 73.5 110.3

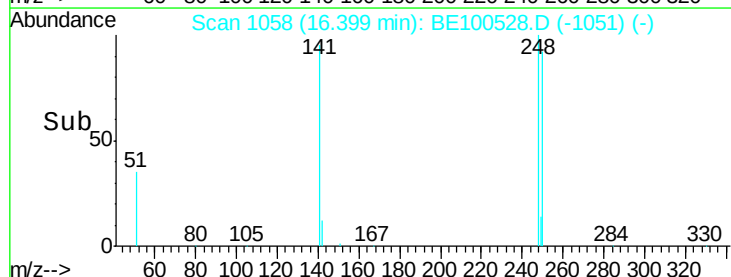
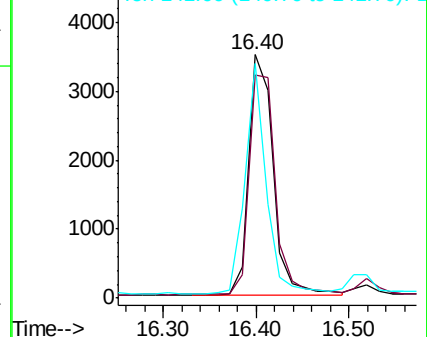
141 96.2 77.0 115.4

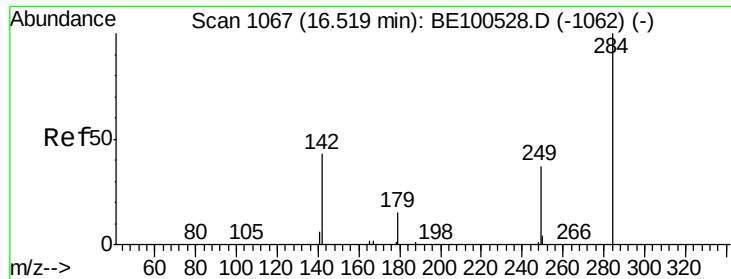


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

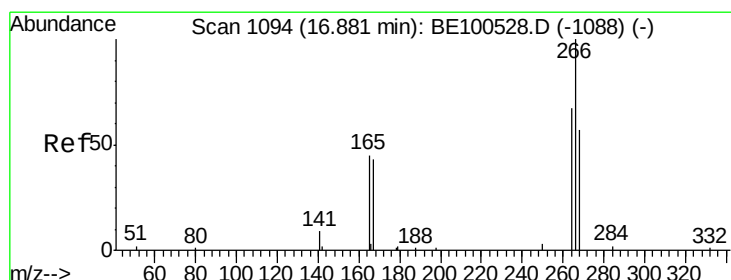
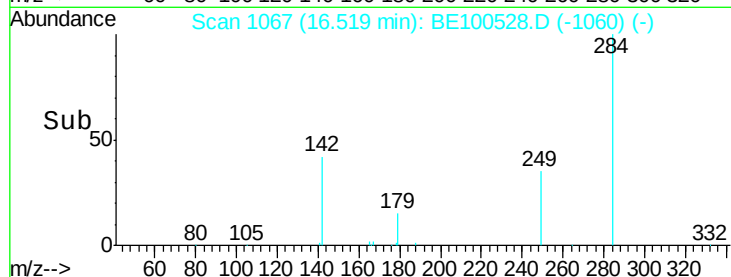
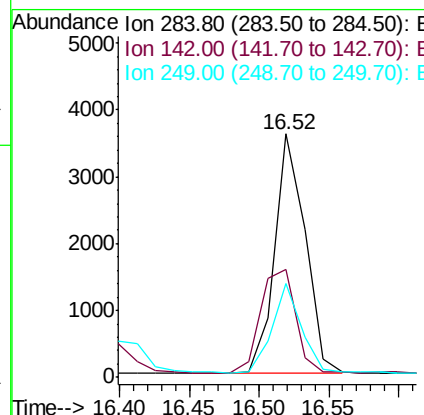
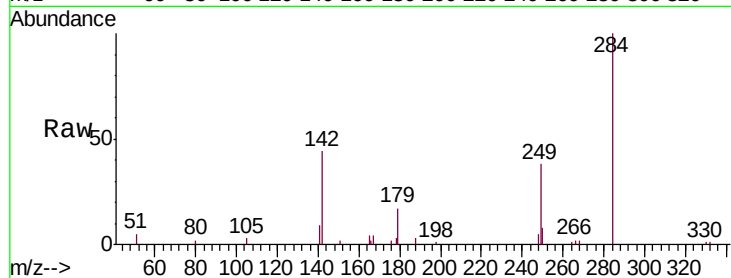




#21
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100528.D
Acq: 20 Sep 2019 15:12

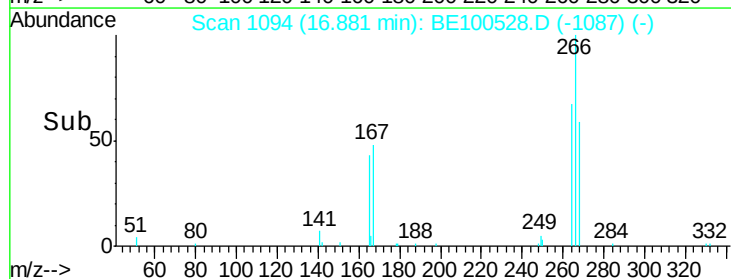
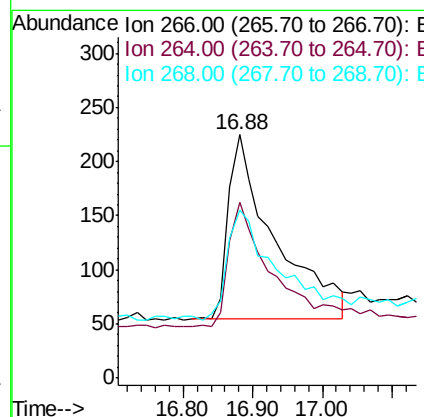
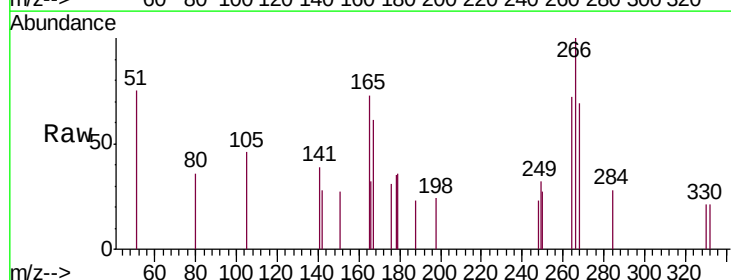
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

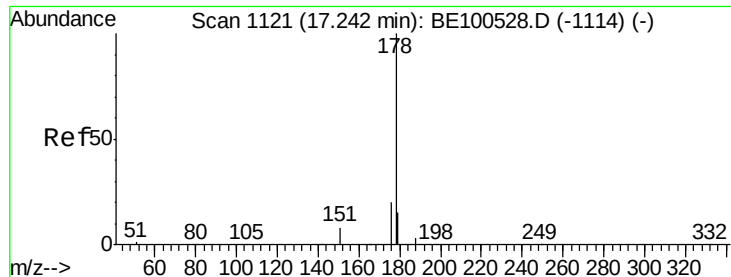
Tgt Ion: 284 Resp: 5492
Ion Ratio Lower Upper
284 100
142 48.8 39.0 58.6
249 35.2 28.2 42.2



#22
Pentachlorophenol
Concen: 0.226 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100528.D
Acq: 20 Sep 2019 15:12

Tgt Ion: 266 Resp: 778
Ion Ratio Lower Upper
266 100
264 72.0 57.6 86.4
268 68.9 55.1 82.7

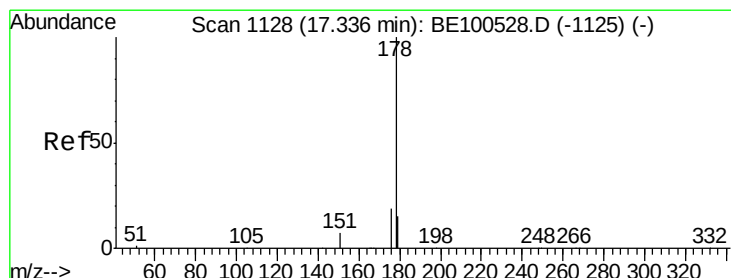
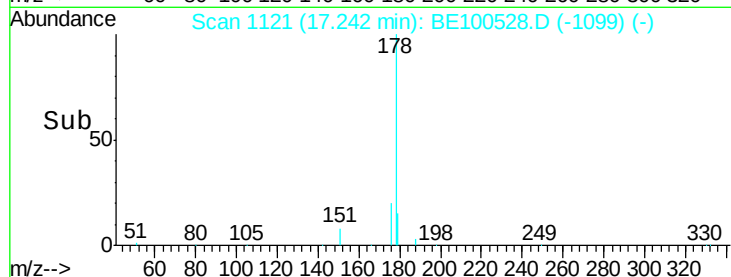
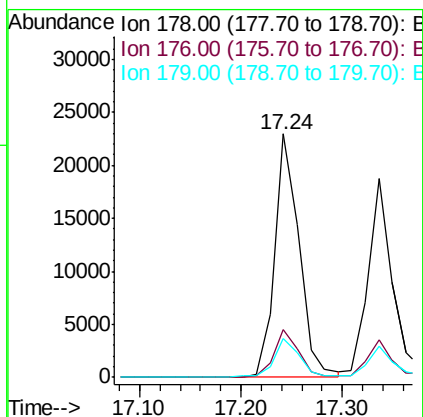
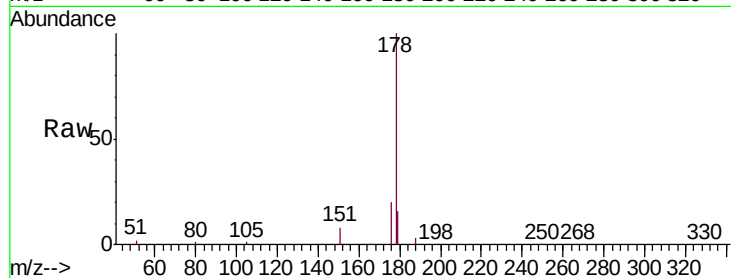




#23
Phenanthrene
Concen: 0.393 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100528.D
Acq: 20 Sep 2019 15:12

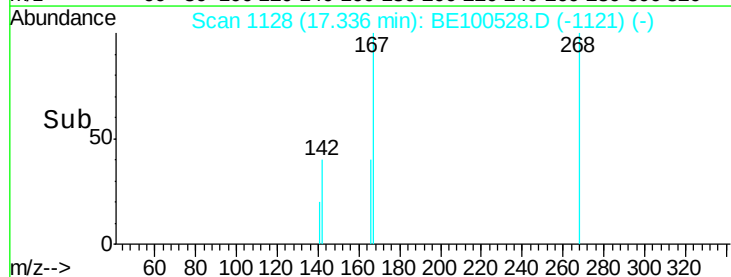
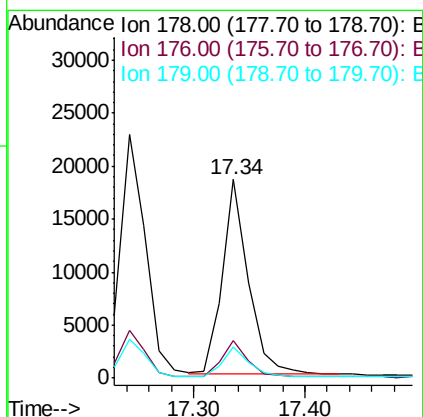
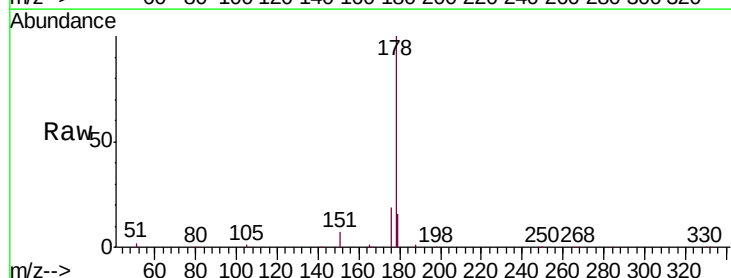
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

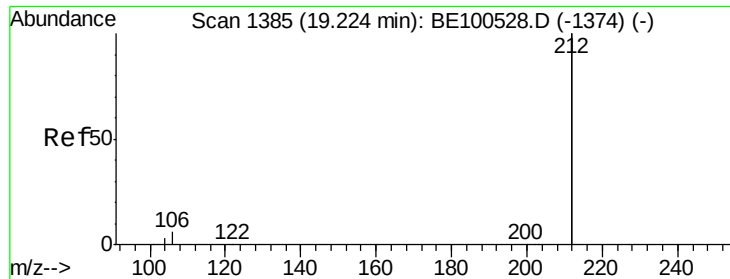
Tgt Ion:178 Resp: 37818
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.7 12.6 18.8



#24
Anthracene
Concen: 0.363 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100528.D
Acq: 20 Sep 2019 15:12

Tgt Ion:178 Resp: 29710
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.3 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.368 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

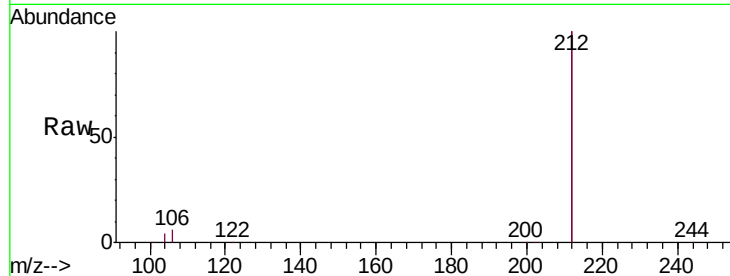
Tgt Ion:212 Resp: 158974

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

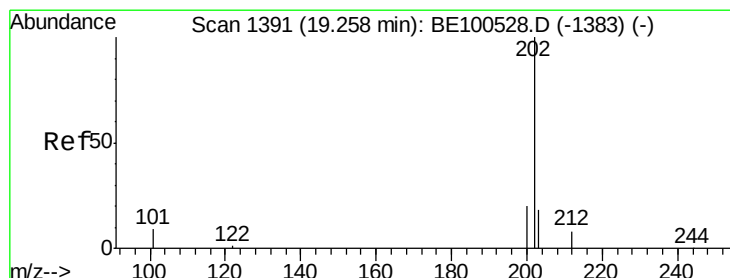
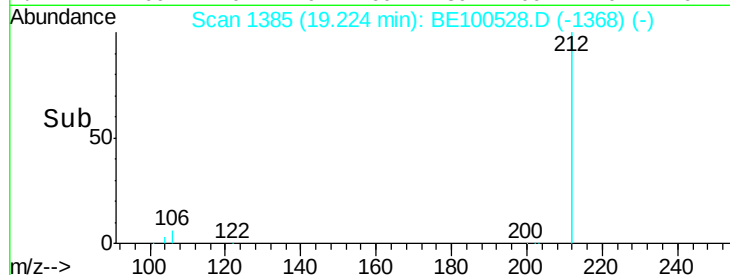
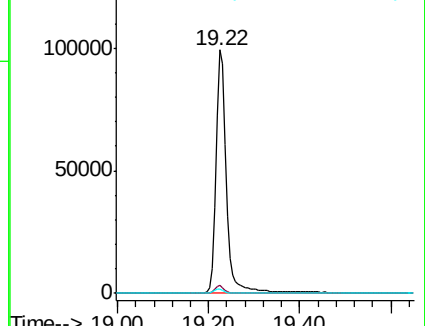
104 1.6 1.3 1.9



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: 0.385 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

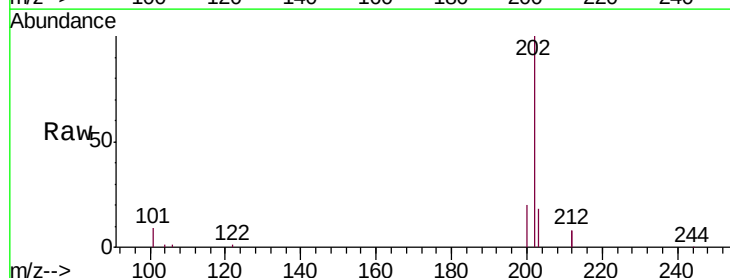
Tgt Ion:202 Resp: 44848

Ion Ratio Lower Upper

202 100

101 11.0 8.8 13.2

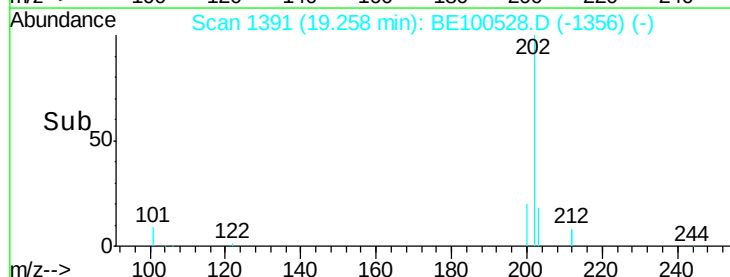
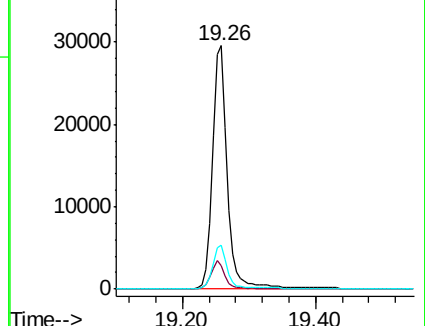
203 17.1 13.7 20.5

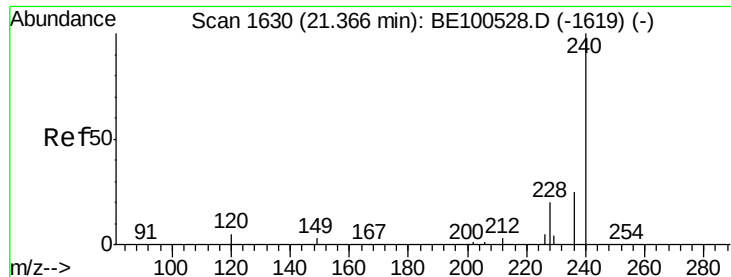


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

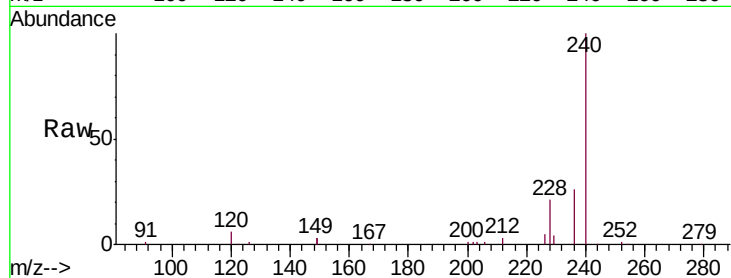
Tgt Ion:240 Resp: 40136

Ion Ratio Lower Upper

240 100

120 5.6 4.5 6.7

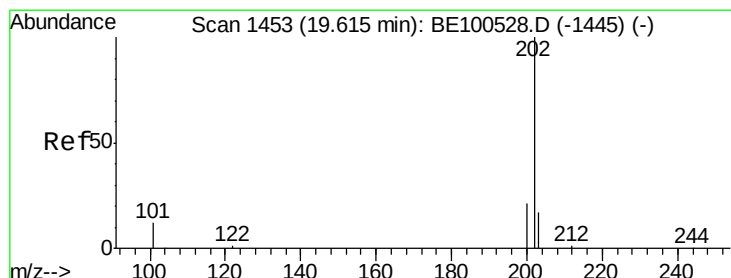
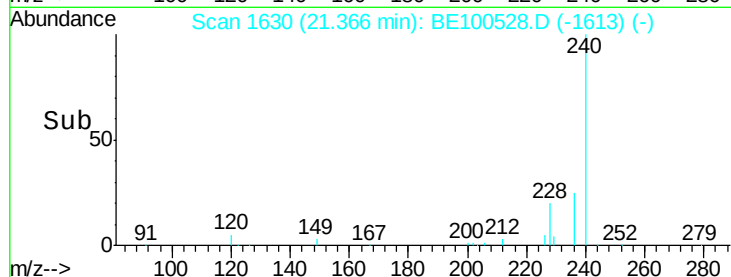
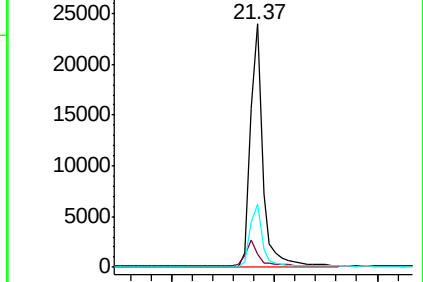
236 25.7 20.6 30.8



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: 0.394 ng

RT: 19.61 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

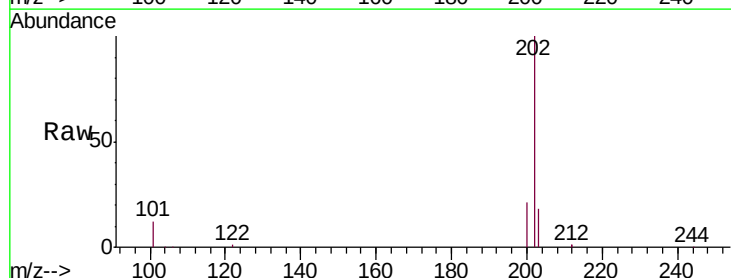
Tgt Ion:202 Resp: 44655

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

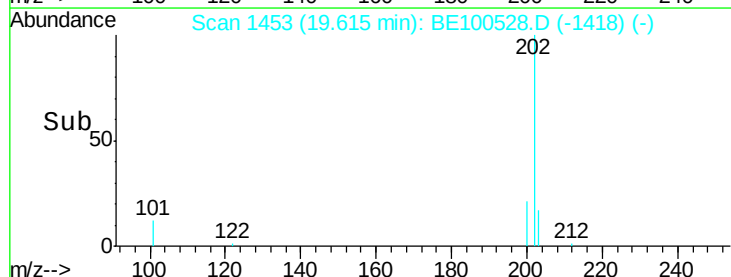
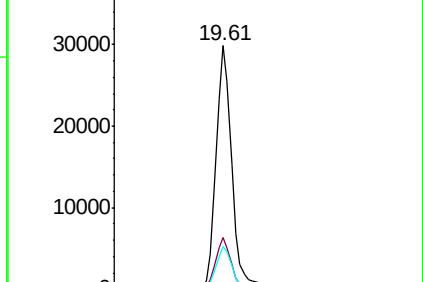
203 17.5 14.0 21.0

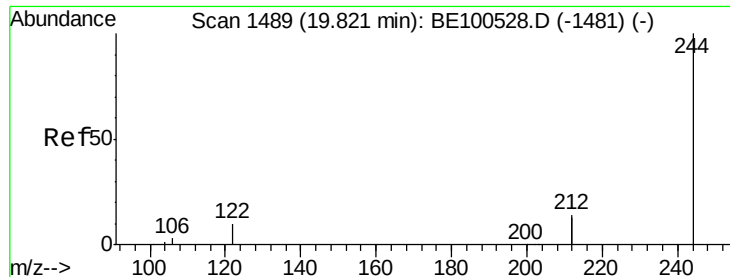


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

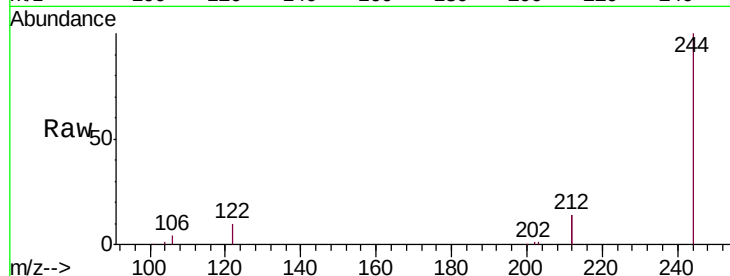
Tgt Ion:244 Resp: 36724

Ion Ratio Lower Upper

244 100

212 27.7 22.2 33.2

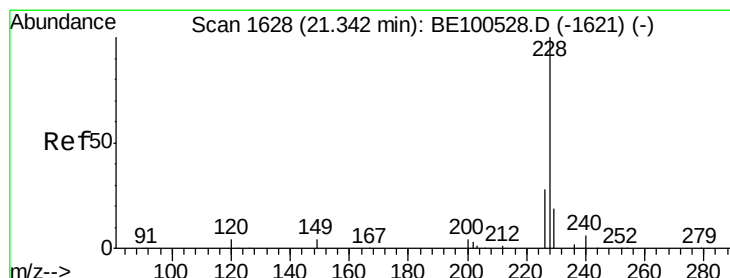
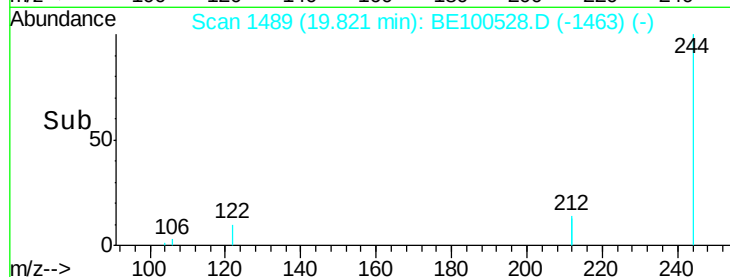
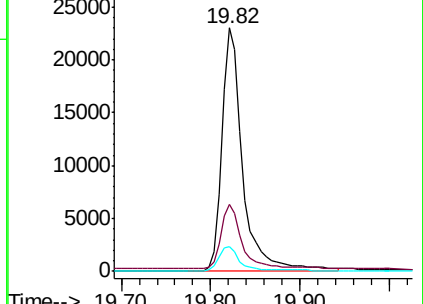
122 10.4 8.3 12.5



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: 0.369 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

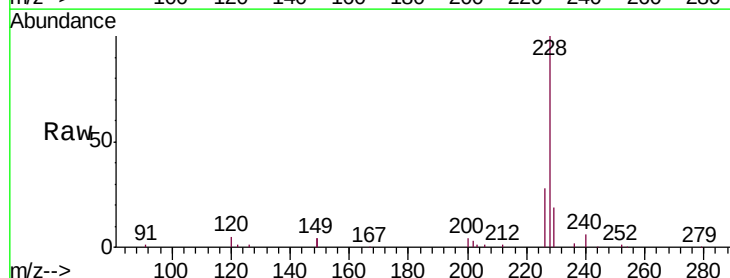
Tgt Ion:228 Resp: 40919

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

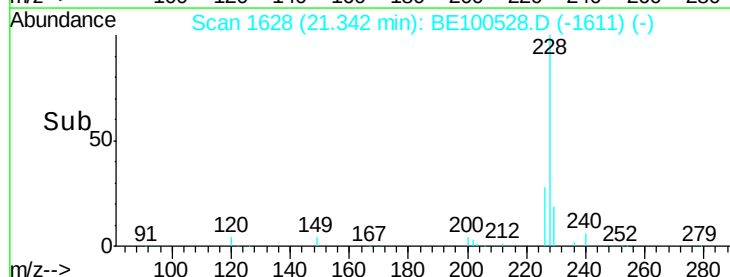
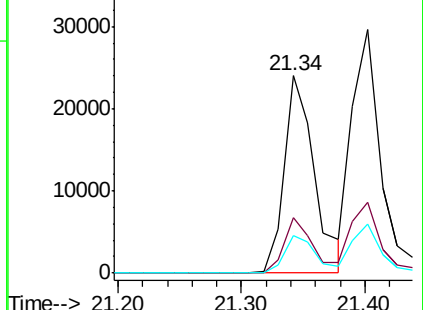
229 19.3 15.4 23.2

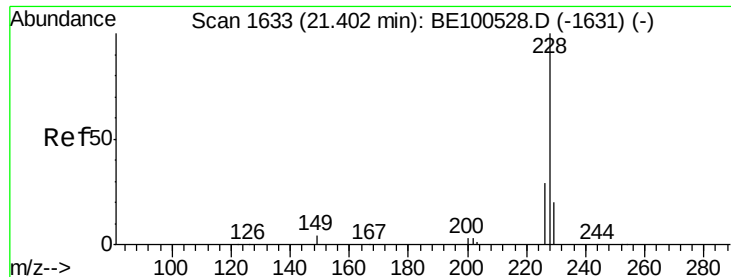


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.397 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

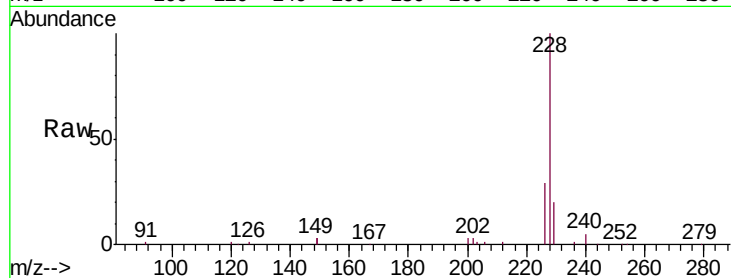
Tgt Ion:228 Resp: 46610

Ion Ratio Lower Upper

228 100

226 29.1 23.3 34.9

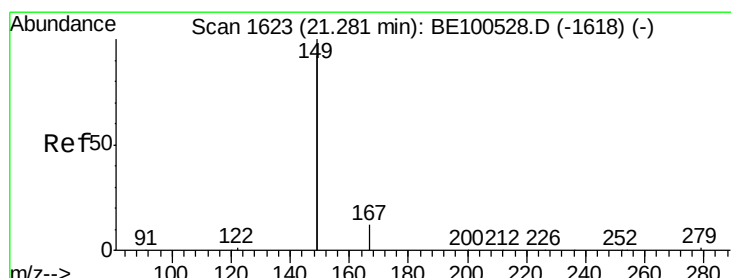
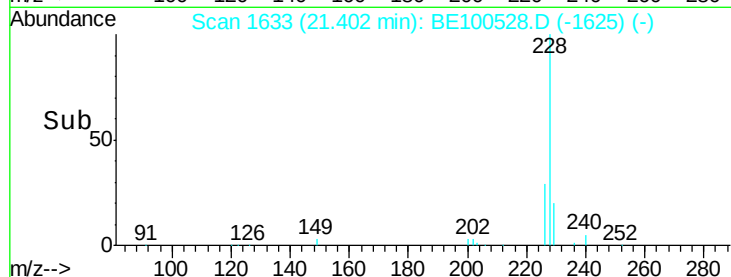
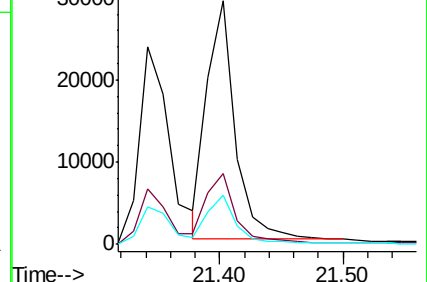
229 20.4 16.3 24.5



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: 0.314 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

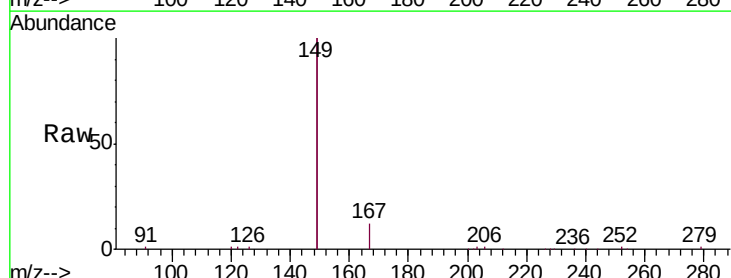
Tgt Ion:149 Resp: 41691

Ion Ratio Lower Upper

149 100

167 6.5 5.2 7.8

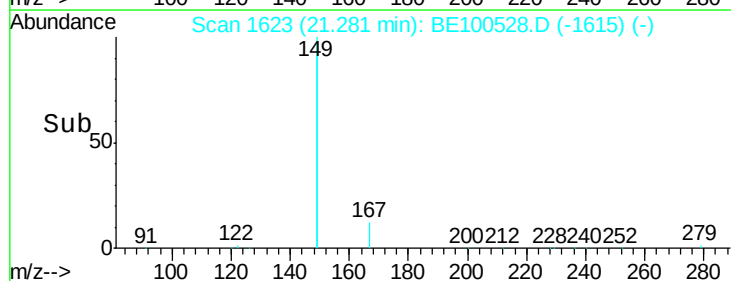
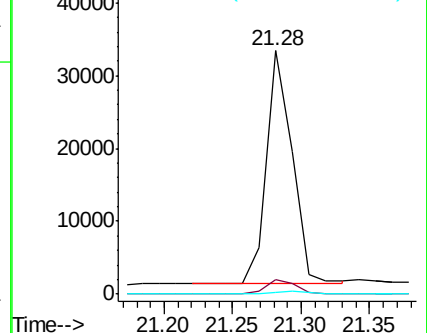
279 1.2 1.0 1.4

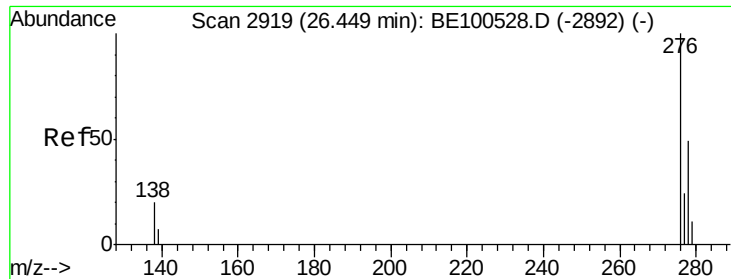


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.380 ng

RT: 26.45 min Scan# 2919

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

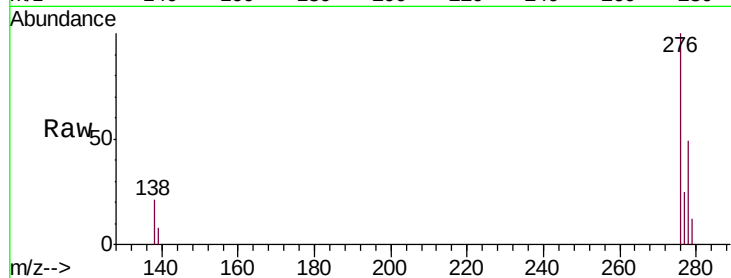
Tgt Ion: 276 Resp: 52736

Ion Ratio Lower Upper

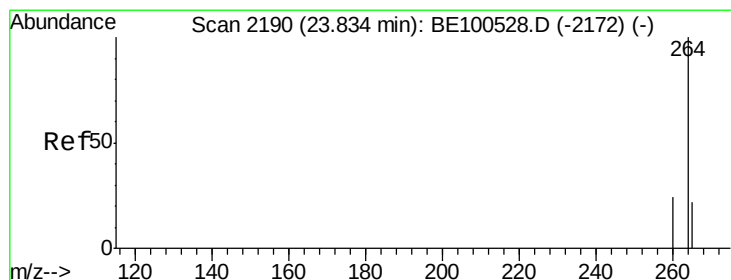
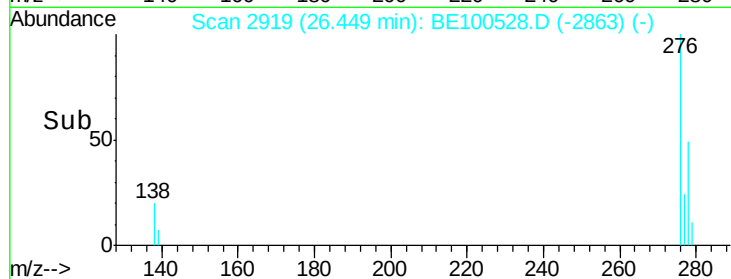
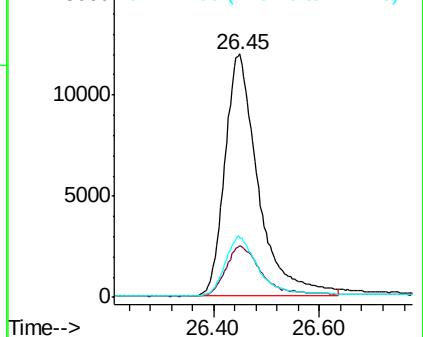
276 100

138 22.1 17.7 26.5

277 25.0 19.9 29.9



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: 23.83 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

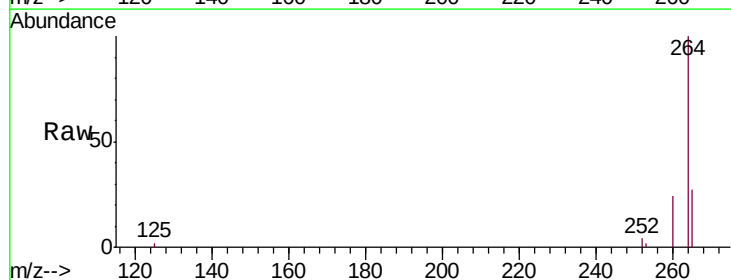
Tgt Ion: 264 Resp: 44177

Ion Ratio Lower Upper

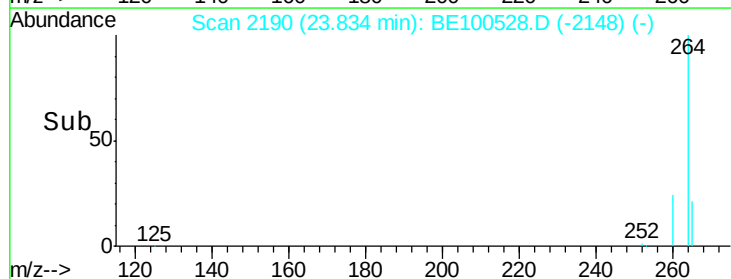
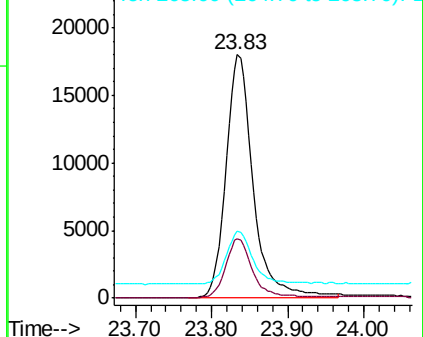
264 100

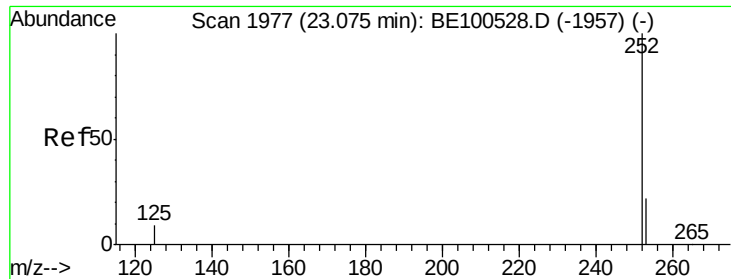
260 24.5 19.6 29.4

265 27.3 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: 0.375 ng

RT: 23.08 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

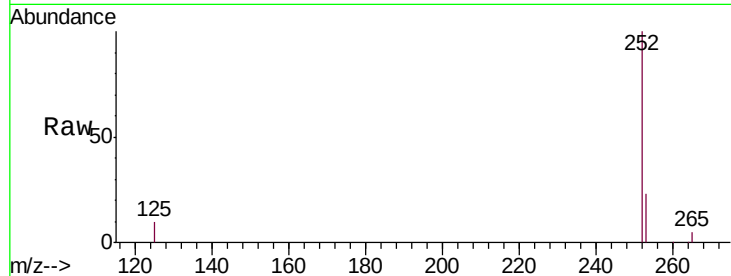
Tgt Ion:252 Resp: 43475

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

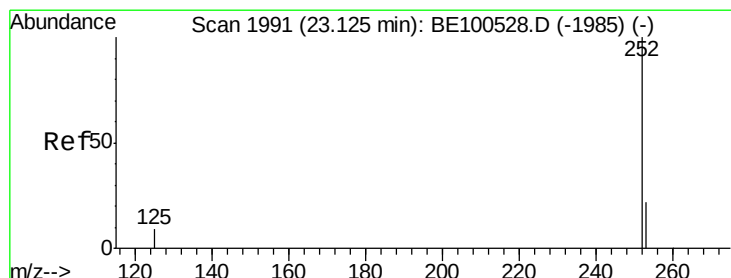
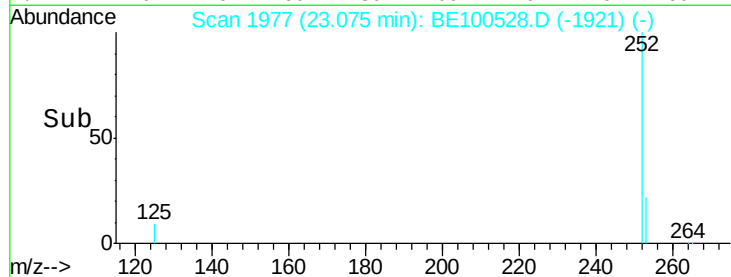
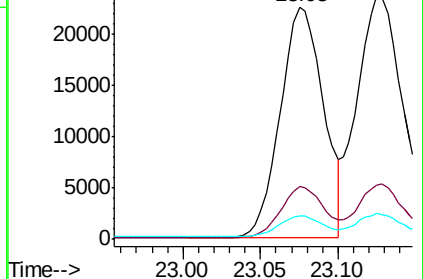
125 10.0 8.0 12.0



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



#36

Benzo(k)fluoranthene

Concen: 0.383 ng

RT: 23.12 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

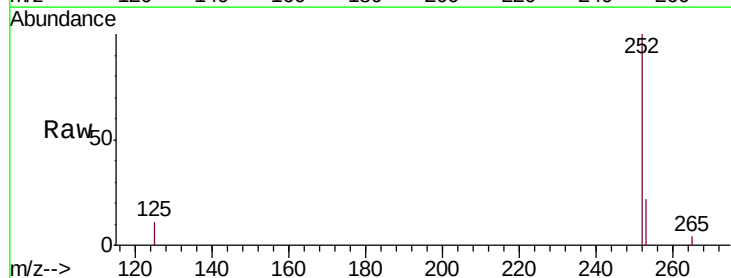
Tgt Ion:252 Resp: 51709

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

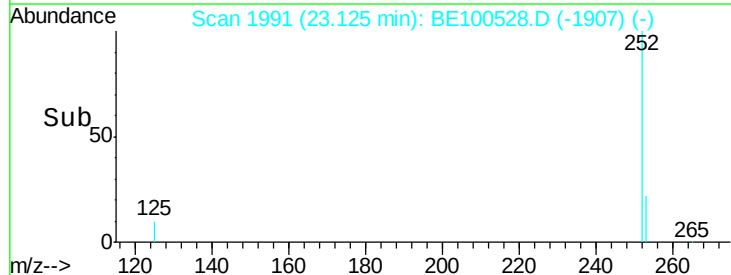
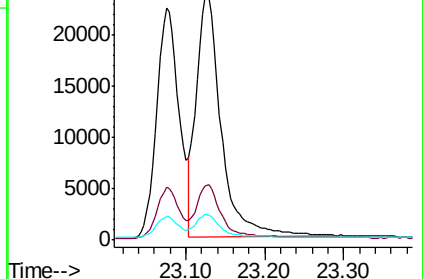
125 10.6 8.5 12.7

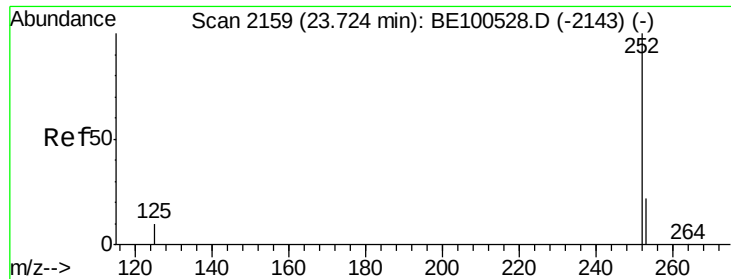


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.377 ng

RT: 23.72 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

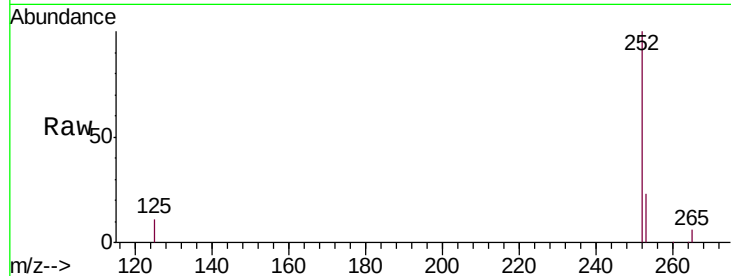
Tgt Ion:252 Resp: 41669

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

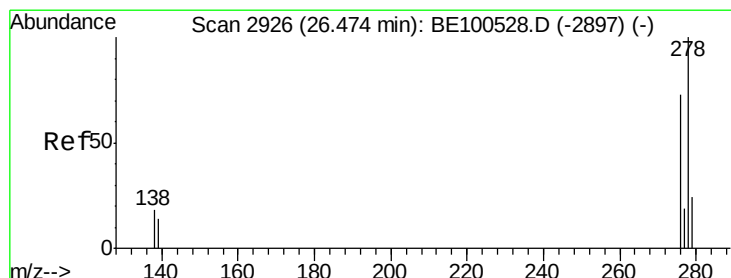
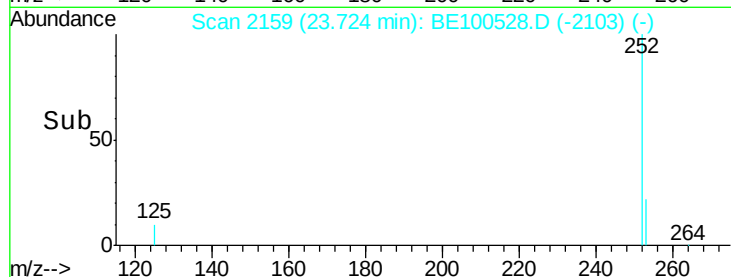
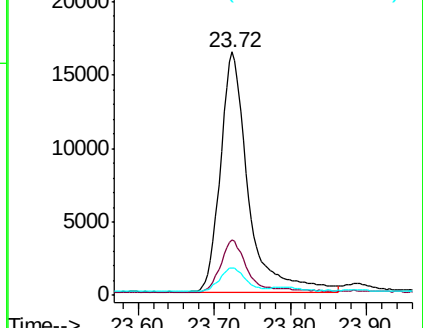
125 11.5 9.2 13.8



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: 0.377 ng

RT: 26.47 min Scan# 2926

Delta R.T. 0.00 min

Lab File: BE100528.D

Acq: 20 Sep 2019 15:12

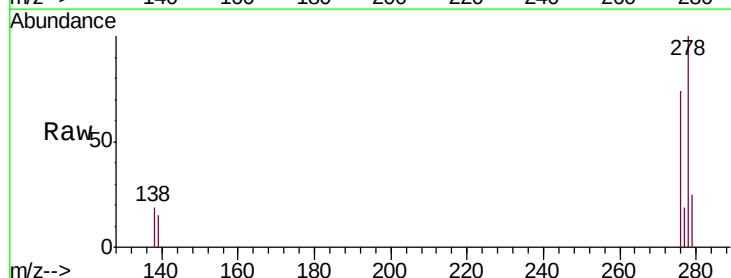
Tgt Ion:278 Resp: 42979

Ion Ratio Lower Upper

278 100

139 14.5 11.6 17.4

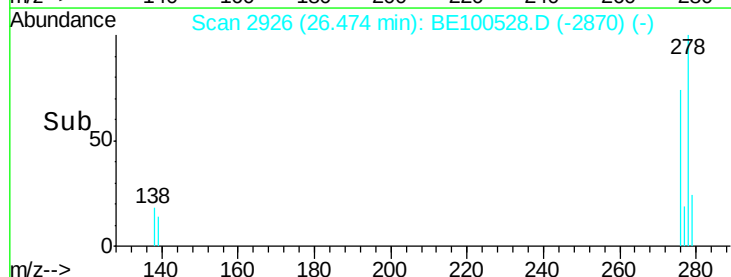
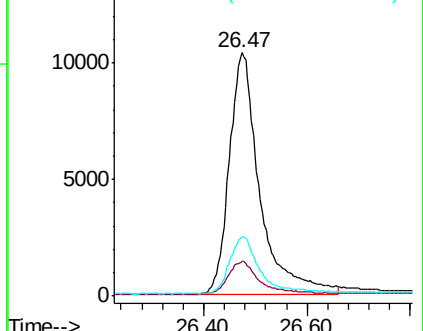
279 24.6 19.7 29.5

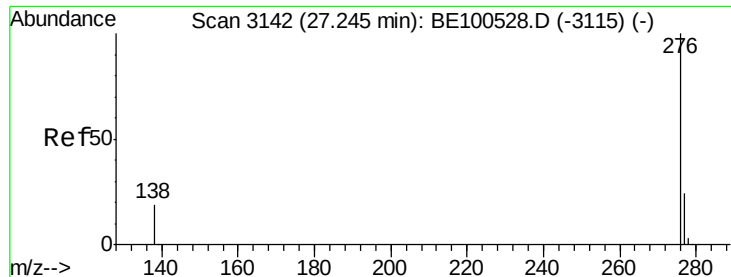


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.397 ng

RT: 27.24 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BE100528.D

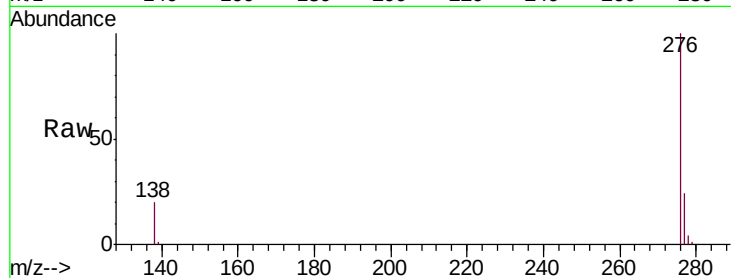
Acq: 20 Sep 2019 15:12

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4



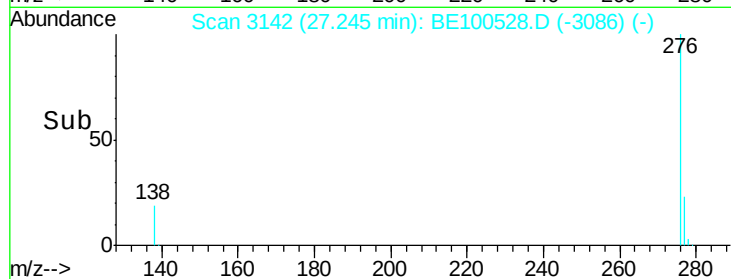
Tgt Ion: 276 Resp: 46809

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 19.6 15.7 23.5



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

